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San Lorenzo Unified School District

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March 5, 2013

Mr. Mark Detterman
Alameda County Health Services Agency
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

Re: Additional Soil Investigation
San Lorenzo High School
50 E. Lewelling Blvd
San Lorenzo, California

Dear Mr. Detterman:

I, declare, under penalty of perjury, that the information and/or recommendations contained in the attached document or report is true and correct to the best of my knowledge.

Sincerely,

Paul Dixon, AIA
Director
Facilities and Operations
San Lorenzo Unified School District
15510 Usher Street
San Lorenzo, CA 94580-1641
Office: (510) 317-4841
pdixon@slzusd.org

EquoLogic

Mr. Mark Detterman
Alameda County Environmental Health Department
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

February 22, 2013
Project 409-01.03

RE: **Additional Soil Investigation**
San Lorenzo High School
50 E. Lewelling Blvd.
San Lorenzo, California

Dear Mr. Detterman,

EquoLogic, on behalf of the San Lorenzo Unified School District (SLUSD), presents this additional soil investigation report for San Lorenzo High School, San Lorenzo, California. The work was requested by Alameda County Health Services Agency (ACHSA) in a letter to SLUSD dated October 10, 2012. A work plan prepared by EquoLogic was approved by ACHSA in a letter to SLUSD dated December 17, 2012.

BACKGROUND

On August 18, 2010, a 6,000-gallon heating oil underground storage tank (UST) was removed from San Lorenzo High School. The location of San Lorenzo High School (Site) is shown on **Figure 1**. The excavation and tank removal were documented in a report by Golden Gate Tank Removal, Inc. (GGTR) titled *Closure Report for Underground Storage Tank, 50 E Lowelling Boulevard, San Lorenzo, CA 94580* dated October 19, 2010. After removal of the UST, confirmation soil samples were collected at a depth of 12 feet below grade (bg). Samples were analyzed for total petroleum hydrocarbons as diesel (TPH-d) and as motor oil (TPH-mo). TPH in either TPH-d or TPH-mo carbon range could be heating oil. TPH-d concentrations were found up to 3,470 milligrams per kilogram (mg/kg) in soil and is assumed to represent heating oil. TPH-mo was not detected in soil samples. Additionally benzene, toluene, ethylbenzene, and xylene (BTEX) and fuel oxygenates were analyzed for, however, all were non-

detectable at varying limits of detection. A grab groundwater was collected from the UST excavation. The sample was analyzed for TPH-d and TPH-mo, BTEX, and fuel oxygenates. TPH-d was detected at 12.1 parts per million (ppm). All other parameters were below the method detection limit. Approximately 1,000-gallons was pumped from the tank excavation and disposed of off-site.

Four soil borings (B-1 through B-4) were drilled in June 2012. One boring (B-1) was placed adjacent to the remote fill location. Borings B-2 through B-4 were drilled adjacent to the former UST pit (see **Figure 2**). Soil and groundwater samples were collected from each boring. Heating oil (mixture of diesel and motor oil) was identified in only one soil sample – Boring B-1 at 5 feet bg. Hydrocarbons were quantified by the laboratory as 1760 milligrams per kilogram (mg/kg) TPH-d and 1610 mg/kg TPH-mo. BTEX and MTBE were below the method detection limit in all samples with the exception of 17.2 mg/kg xylene in B-1 at 5 feet bgs.

Heating oil was not identified in any of the four groundwater samples. BTEX compounds and MTBE were all below the method detection limit with the exception of ethylbenzene at 0.25 micrograms per liter (ug/l) and xylene at 0.78 ug/l in the water sample from boring B-3.

SCOPE OF WORK

EquoLogic sampled soil within the foot-print of the former UST (B-5) and the area of the remote fill port (borings B-6 through B-9) in order to establish the lateral and vertical extent of petroleum hydrocarbons. The following section lists the tasks performed.

Pre-field

- Selection and scheduling of drilling company (Vironex)
- Preparation of Health and Safety Plan
- Obtained drilling permit from County (**Attachment A**)
- Notified ACHSA of work schedule/inspection
- Notified Underground Service Alert (USA)

Field Work

- Marked boring locations in the field
- Performed underground utility survey
- Drilled five direct-push borings (B-5 through B-9) to a depth of approximately 15 to 25 feet bgs Boring locations are shown on **Figure 2**. Boring logs are provided as **Attachment B**.

- Collected soil samples using a steel drive sampler equipped with a five-foot long acetate liner. Samples were cut from the liner and sealed with tight fitting plastic caps. Samples were placed on ice for transportation to the laboratory under chain of custody documentation.
- Obtained photo-ionization detector (PID) readings for soil samples collected. Readings are shown on the boring logs in **Attachment B.**
- Analyzed all collected soil samples for a broad range of petroleum hydrocarbons including diesel (silica gel cleanup), motor oil, BTEX compounds, MTBE, and polynuclear aromatic hydrocarbons (PAHs). The laboratory reported that there is no specific test for heating oil. Heating oil is recognized by a chromatographic spike between diesel and motor oil.
- Upon completion of sampling, boreholes were backfilled with concrete grout. All borehole completions were inspected by Ms. Vicky Hamlin of the Alameda County Public Works Agency.

RESULTS

The following section presents the results of the soil investigation.

Soil

Borings encountered primarily clay (see boring logs). Approximately 12 feet of gravel backfill was found in the former UST pit. Groundwater was encountered at a depth of approximately 12 feet bgs.

Soil Analtyical Results

PID readings for soil samples were typically less than 5 parts per million (ppm). The maximum PID reading was 6.3 ppm for the 15-foot sample from Boring B-7. A thin approximately 6 inch thick layer of petroleum hydrocarbon impacted soil was encountered at the base of the former UST pit.

Soil analytical data are summarized on **Table 1** and on boring logs. The highest concentrations of TPH-d and TPH-mo were detected in the shallow 2.5-foot samples from borings B-6 and B-7. The maximum concentration of TPH-d was 69.7 mg/kg for the 2.5-foot sample from boring B-7 and the maximum concentration of TPH-mo was 375 mg/kg in the 2.5-foot sample from boring B-6. BTEX, MTBE, PAHs were below the method detection limit in all samples with the exception of ethybenzene and xylene in the 5- and 10-foot samples from boring B-6. Ethylbenzene was detected at 2.2 ug/kg and 7.9 ug/kg, respectively. Xylene was detected at 13.4 ug/kg and 53.5 ug/l.

Water Analytical Results

A summary of historic water analytical data is summarized on **Table 2.** Heating oil was not identified in any of the four groundwater samples collected in June 2012. BTEX compounds and MTBE were all below the method detection limit with the exception of ethylbenzene at 0.25 micrograms per liter (ug/l) and xylene at 0.78 ug/l in the water sample from boring B-3.

CONCLUSIONS

Heating oil is confined to a thin zone at the base of the former UST pit (12.5 feet) and near surface soil in the area of the remote fill port. Clay soil has limited the horizontal and vertical migration of petroleum hydrocarbons. Groundwater in the area of the former UST and fill port is impacted at only very low concentrations. EquoLogic recommends the UST case be closed and no further action required.

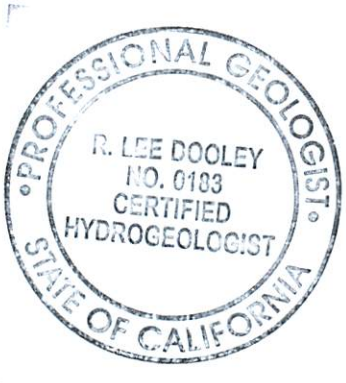
The site meets the general criteria that must be satisfied for low threat case closure:
a. The unauthorized release is located within the service area of a public water system;
b. The unauthorized release consists only of petroleum;
c. the UST was removed in August 2010. The unauthorized ("primary") release from the UST system has been stopped.
d. No free product has been detected;
e. A conceptual site model that assesses the nature, extent, and mobility of the release has been developed;
f. Secondary source has been removed to the extent practicable;
g. Soil or groundwater has been tested for methyl tert-butyl ether (MTBE) and results reported in accordance with Health and Safety Code section 25296.15; and
h. Nuisance as defined by Water Code section 13050 does not exist at the site.

LIMITATIONS

The descriptions, conclusions, and recommendations contained in this report represent EquoLogic's professional opinions based upon the currently available information and are arrived at in accordance with currently acceptable professional standards. For any reports cited that were not generated by EquoLogic, the data from those reports is used "as is" and is assumed to be accurate. This report is based upon a specific scope of work requested by the client. The Contract between EquoLogic and its client outlines the scope of work, and only those tasks specifically authorized by that contract or outlined in this report were conducted. This report is intended only for the use of EquoLogic's Client and anyone else specifically listed on this report. EquoLogic will not and cannot be liable for unauthorized reliance by any other third party. Other than as contained in this paragraph, EquoLogic makes no express or implied warranty as to the contents of this report.

You can contact me at (408) 656-2505 or by email at ldooley@equologicgroup.com.

Sincerely,



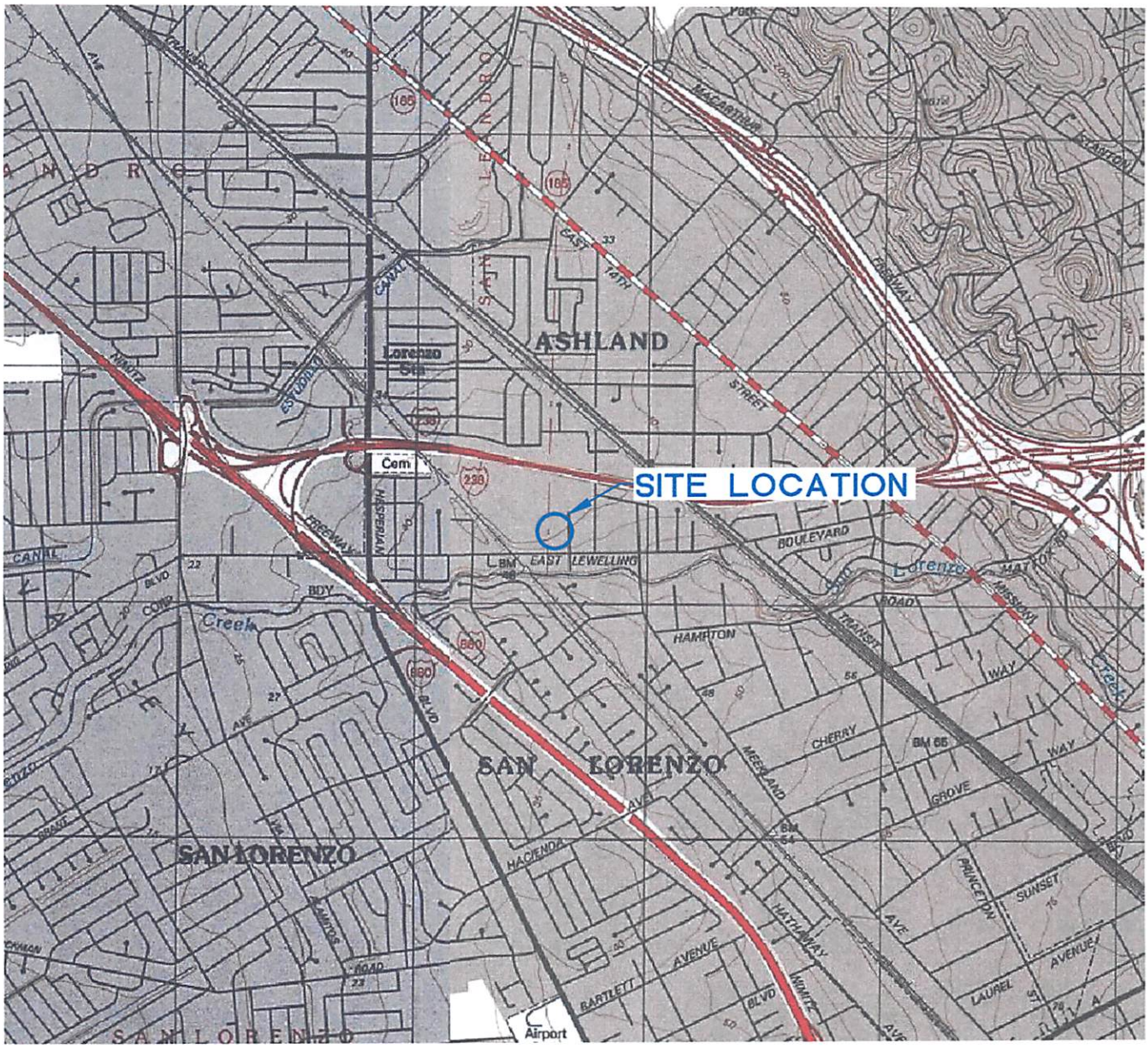
Lee Dooley
Senior Hydrogeologist
CHG 183

Attachments

Table 1 – Summary of Soil Analtyical Data
Table 2 – Summary of Groundwater Analytical Data

Figure 1 – Site Location Map
Figure 2 – Boring Location Map

Attachment A – Boring Permit
Attachment B – Boring Logs
Attachment C – Laboratory Report



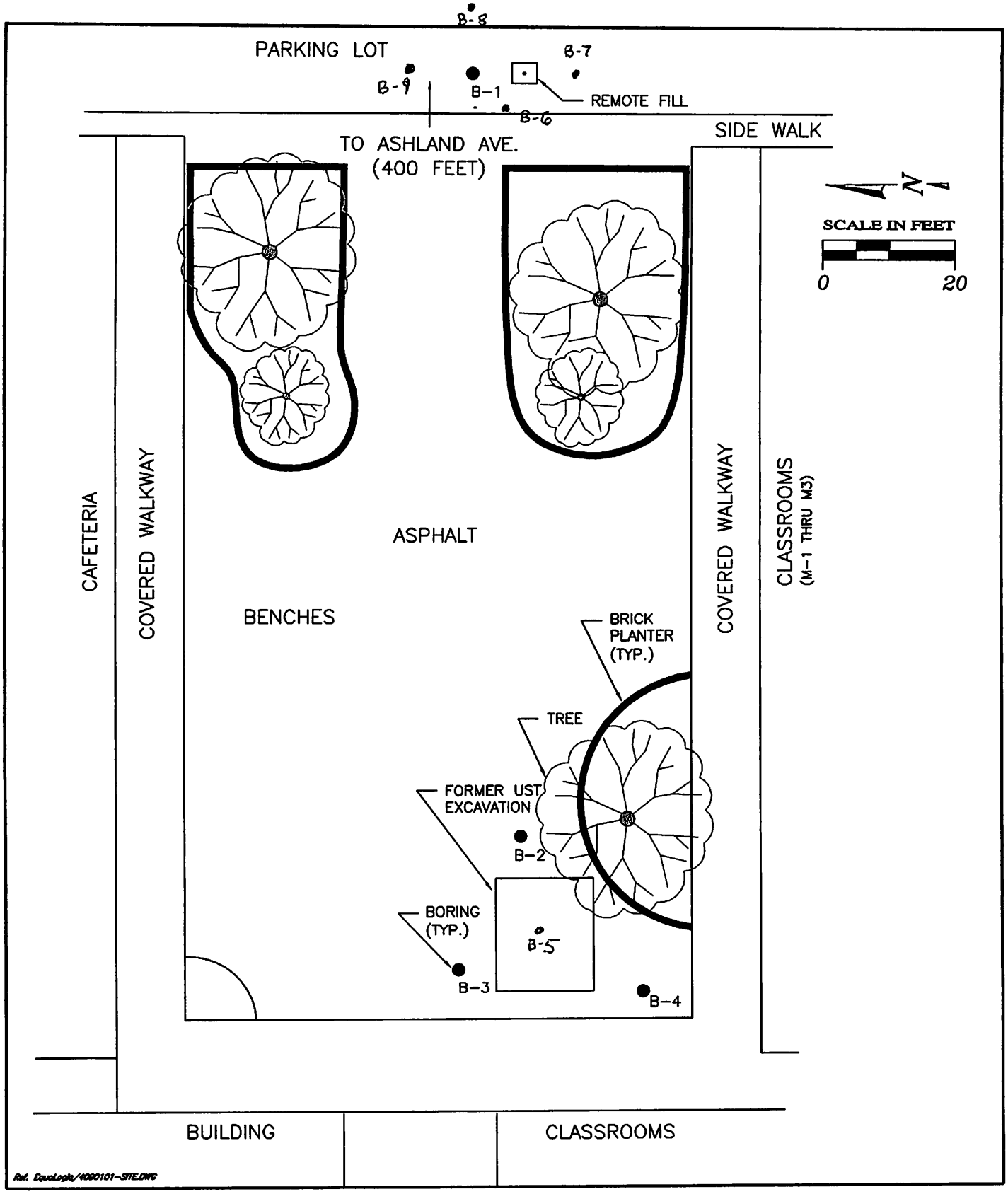
Ref.
W:\44\409.01.01\4090101-SLM.DWG

EquoLogic

SITE LOCATION MAP

SAN LORENZO HIGH SCHOOL
50 E. LOWELLING BLVD
SAN LORENZO, CALIFORNIA

FIGURE:
1
PROJECT:
409.01.01



EquoLogic

BORING LOCATION MAP

SAN LORENZO HIGH SCHOOL
50 EAST LOWELLING BLVD.
SAN LORENZO, CALIFORNIA

FIGURE:
2
PROJECT:
409.01.01

ATTACHMENT A

BORING PERMIT

Alameda County Public Works Agency - Water Resources Well Permit

399 Elmhurst Street
Hayward, CA 94544-1395
Telephone: (510)670-6633 Fax:(510)782-1939

Application Approved on: 01/10/2013 By jamesy

Permit Numbers: W2013-0032
Permits Valid from 01/26/2013 to 01/28/2013

Application Id: 1357671245740
City of Project Site: San Lorenzo
Site Location: 50 E Lewelling Blvd
Project Start Date: 01/26/2013
Completion Date: 01/28/2013
Assigned Inspector: Contact Vicky Hamlin at (510) 670-5443 or vickyh@acpwa.org

Applicant: EquoLogic - Lee Dooley
15936 Barry Ln, Monte Sereno, CA 95030
Phone: 408-656-2505

Property Owner: San Lorenzo Unified School District
15510 Usher St., San Lorenzo, CA 94580
Phone: 510-317-4600

Client: ** same as Property Owner **

	Total Due:	$265.00
Receipt Number: WR2013-0012	**Total Amount Paid:**	$265.00
Payer Name : Equo Logic	Paid By: CHECK	**PAID IN FULL**

Works Requesting Permits:

Borehole(s) for Investigation-Contamination Study - 4 Boreholes
Driller: Vironex - Lic #: 705927 - Method: DP

Work Total: $265.00

Specifications

Permit Number	Issued Dt	Expire Dt	# Boreholes	Hole Diam	Max Depth
W2013-0032	01/10/2013	04/26/2013	4	2.00 in.	25.00 ft

Specific Work Permit Conditions

1. Backfill bore hole by tremie with cement grout or cement grout/sand mixture. Upper two-three feet replaced in kind or with compacted cuttings. All cuttings remaining or unused shall be containerized and hauled off site. The containers shall be clearly labeled to the ownership of the container and labeled hazardous or non-hazardous.

2. Boreholes shall not be left open for a period of more than 24 hours. All boreholes left open more than 24 hours will need approval from Alameda County Public Works Agency, Water Resources Section. All boreholes shall be backfilled according to permit destruction requirements and all concrete material and asphalt material shall be to Caltrans Spec or County/City Codes. No borehole(s) shall be left in a manner to act as a conduit at any time.

3. Permittee shall assume entire responsibility for all activities and uses under this permit and shall indemnify, defend and save the Alameda County Public Works Agency, its officers, agents, and employees free and harmless from any and all expense, cost, liability in connection with or resulting from the exercise of this Permit including, but not limited to, properly damage, personal injury and wrongful death.

4. Prior to any drilling activities, it shall be the applicant's responsibility to contact and coordinate an Underground Service Alert (USA), obtain encroachment permit(s), excavation permit(s) or any other permits or agreements required for that Federal, State, County or City, and follow all City or County Ordinances. No work shall begin until all the permits and requirements have been approved or obtained. It shall also be the applicants responsibilities to provide to the Cities or to Alameda County an Traffic Safety Plan for any lane closures or detours planned. No work shall begin until all the permits and requirements have been approved or obtained.

5. Applicant shall contact Vicky Hamlin for an inspection time at 510-670-5443 or email to vickyh@acpwa.org at least five

(5) working days prior to starting, once the permit has been approved. Confirm the scheduled date(s) at least 24 hours prior to drilling.

6. Copy of approved drilling permit must be on site at all times. Failure to present or show proof of the approved permit application on site shall result in a fine of $500.00.

7. Permit is valid only for the purpose specified herein. No changes in construction procedures, as described on this permit application. Boreholes shall not be converted to monitoring wells, without a permit application process.

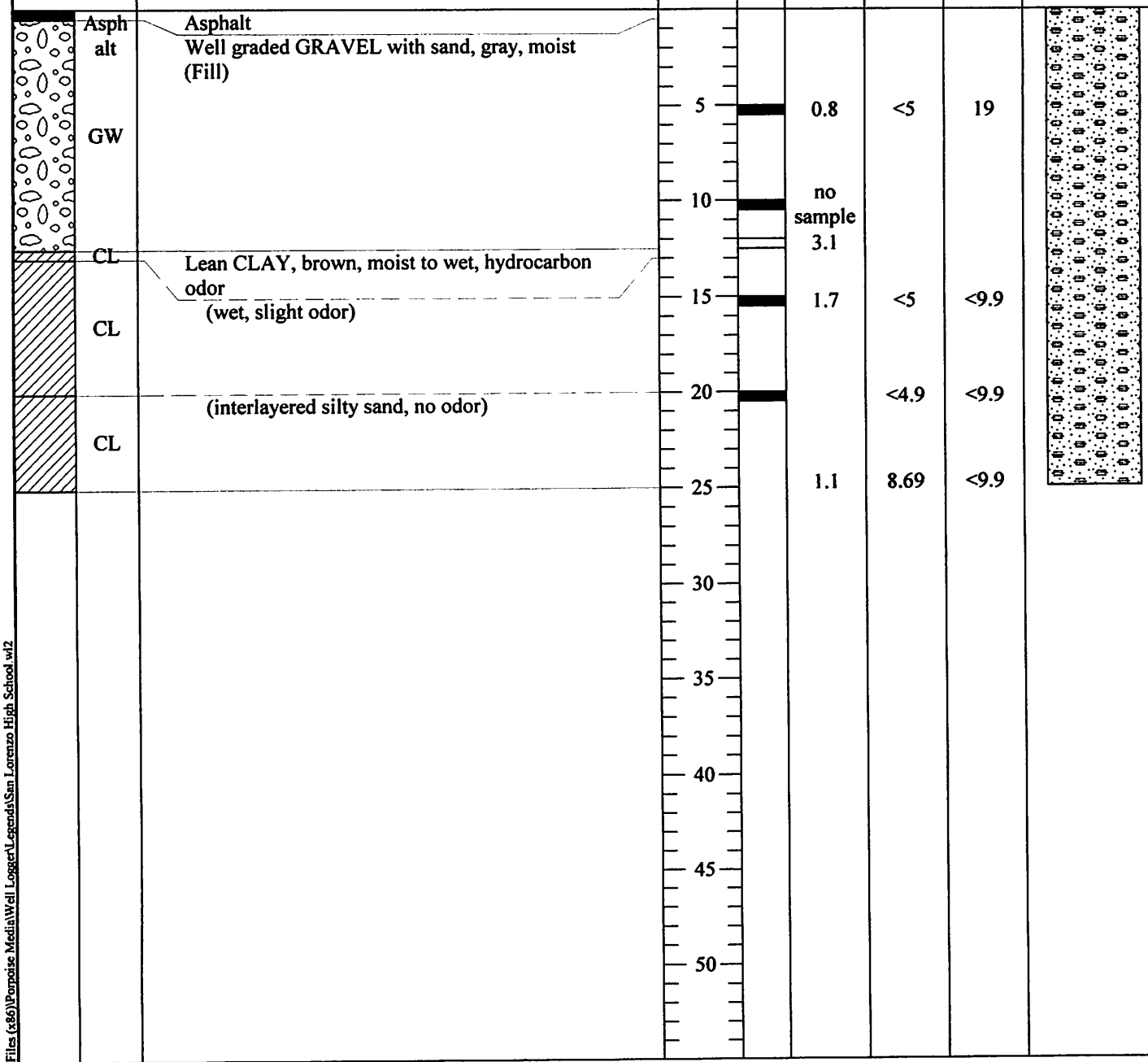
ATTACHMENT B

BORING LOGS

B-5

SLHSD

Project Number	409.01.03	Drill Rig	Direct Push
Geologist	Lee Dooley	Ground Elevation	Feet
Date Drilled	1-26-13	Total Depth of Borehole	25 Feet
Borehole Diameter	2 Inches	Depth to Water	12 Feet



C:\Program Files (x86)\Pompoise Media\Well Logger\Legends\San Lorenzo High School.wl2

B-6

SLHSD

Project Number	409.01.03	Drill Rig	Direct Push
Geologist	Lee Dooley	Ground Elevation	Feet
Date Drilled	1-26-13	Total Depth of Borehole	15 Feet
Borehole Diameter	2 Inches	Depth to Water	Feet

Graphic Log		Description	Depth	Sample	PID (ppm)	TPH-d (mg/kg)	TPH-mo (mg/kg)	Completion
	Asphalt	Asphalt						
		Lean CLAY, brown, damp, no hydrocarbon odor				<50	375	
	CL		5		1.5	<5	<10	
			10		5.1	<5	<10	
		(silty,light brown, moist)						
	CL		15		5.4	<5	<9.9	
			20					
			25					
			30					
			35					
			40					
			45					
			50					

C:\Program Files (x86)\Porpoise Media\Well Logger\Logends\San Lorenzo High School.wl2

EQUOLOGIC

B-7

SLHSD

Project Number	409.01.03	Drill Rig	Direct Push
Geologist	Lee Dooley	Ground Elevation	Feet
Date Drilled	1-26-13	Total Depth of Borehole	15 Feet
Borehole Diameter	2 Inches	Depth to Water	12.5 Feet

Graphic Log		Description	Depth	Sample	PID (ppm)	TPH-d (mg/kg)	TPH-mo (mg/kg)	Completion
	Asphalt	Asphalt						
		Lean CLAY, silty, brown, damp to moist, no petroleum hydrocarbon odor				69.7	183	
	CL		5		4	<5	55.6	
			10		4.7	<5	30.2	
	CL	(moist to wet)	15		6.3	<5	18.4	
			20					
			25					
			30					
			35					
			40					
			45					
			50					

C:\Program Files (x86)\Porpoise Media\Well Logger\Logends\San Lorenzo High School.wl2

B-8

SLHSD

Project Number	409.01.03	Drill Rig	Direct Push
Geologist	Lee Dooley	Ground Elevation	Feet
Date Drilled	1-26-13	Total Depth of Borehole	15 Feet
Borehole Diameter	2 Inches	Depth to Water	13 Feet

Graphic Log		Description	Depth	Sample	PID (ppm)	TPH-d (mg/kg)	TPH-mo (mg/kg)	Completion
	Asphalt	Asphalt						
		Lean CLAY, silty, brown, damp to moist, no petroleum hydrocarbon odor				<5	<9.9	
			5		1.6	<5	22.5	
	CL							
			10		2.3	<5	17.9	
	CL	(moist to wet)						
			15		1.0	<5	15.7	
			20					
			25					
			30					
			35					
			40					
			45					
			50					

C:\Program Files (x86)\Porpoise Media\Well Logger\Legends\San Lorenzo High School.wl2

B-9

SLHSD

Project Number	409.01.03	Drill Rig	Direct Push
Geologist	Lee Dooley	Ground Elevation	Feet
Date Drilled	1-26-13	Total Depth of Borehole	15 Feet
Borehole Diameter	2 Inches	Depth to Water	14 Feet

Graphic Log		Description	Depth	Sample	PID (ppm)	TPH-d (mg/kg)	TPH-mo (mg/kg)	Completion
	Asphalt	Asphalt						
		Lean CLAY, silty, brown, damp to moist, no petroleum hydrocarbon odor				<15	138	
			5		0.7	<5	<9.9	
	CL							
			10		2.9	<5	<9.9	
	CL	(fine sandy, wet)	15		2.3	<5	<9.9	
			20					
			25					
			30					
			35					
			40					
			45					
			50					

C:\Program Files (x86)\Perpoise Media\Well Logger\Legends\San Lorenzo High School.wl2

ATTACHMENT C

LABORATORY REPORT

Northern California ACCUTEST LABORATORIES

02/08/13

Technical Report for

EquoLogic

T10000003424-San Lorenzo, CA

409.01.01

Accutest Job Number: C25941

Sampling Date: 01/26/13

Report to:

EquoLogic
15936 Barry Lane
Monte Sereno, CA 95030
ldooley@equologicgroup.com

ATTN: Lee Dooley

Total number of pages in report: **282**

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

James J. Rhudy
Lab Director

Client Service contact: Nutan Kabir 408-588-0200

Certifications: CA (08258CA) AZ (AZ0762) DoD/ISO/IEC 17025:2005 (L2242)

Sections: 1 2 3 4 5 6 7 8 9 10

Table of Contents

Sections:

1 2 3 4 5 6 7 8 9 10

Table of Contents

Accutest Laboratories

Sample Summary

EquoLogic

Job No: C25941

T10000003424-San Lorenzo, CA
Project No: 409.01.01

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
C25941-1	01/26/13	00:00	LD	01/28/13	SO	Soil	B-5@5'
C25941-2	01/26/13	00:00	LD	01/28/13	SO	Soil	B-5@15'
C25941-3	01/26/13	00:00	LD	01/28/13	SO	Soil	B-5@20'
C25941-4	01/26/13	00:00	LD	01/28/13	SO	Soil	B-5@25'
C25941-5	01/26/13	00:00	LD	01/28/13	SO	Soil	B-6@2 1/2'
C25941-6	01/26/13	00:00	LD	01/28/13	SO	Soil	B-6@5'
C25941-7	01/26/13	00:00	LD	01/28/13	SO	Soil	B-6@10'
C25941-8	01/26/13	00:00	LD	01/28/13	SO	Soil	B-6@15'
C25941-9	01/26/13	00:00	LD	01/28/13	SO	Soil	B-7@2 1/2'
C25941-10	01/26/13	00:00	LD	01/28/13	SO	Soil	B-7@5'
C25941-11	01/26/13	00:00	LD	01/28/13	SO	Soil	B-7@10'
C25941-12	01/26/13	00:00	LD	01/28/13	SO	Soil	B-7@15'
C25941-13	01/26/13	00:00	LD	01/28/13	SO	Soil	B-8@2 1/2'

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Sample Summary
(continued)

EquoLogic

Job No: C25941

T10000003424-San Lorenzo, CA
Project No: 409.01.01

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
C25941-14	01/26/13	00:00	LD	01/28/13	SO	Soil	B-8@5'
C25941-15	01/26/13	00:00	LD	01/28/13	SO	Soil	B-8@10'
C25941-16	01/26/13	00:00	LD	01/28/13	SO	Soil	B-8@15'
C25941-17	01/26/13	00:00	LD	01/28/13	SO	Soil	B-9@2 1/2'
C25941-18	01/26/13	00:00	LD	01/28/13	SO	Soil	B-9@5'
C25941-19	01/26/13	00:00	LD	01/28/13	SO	Soil	B-9@10'
C25941-20	01/26/13	00:00	LD	01/28/13	SO	Soil	B-9@15'

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Summary of Hits

Job Number: C25941
Account: EquoLogic
Project: T10000003424-San Lorenzo, CA
Collected: 01/26/13

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
C25941-1	**B-5@5'**					
TPH (Motor Oil)		19.0 J	20	9.9	mg/kg	SW846 8015B M
C25941-2	**B-5@15'**					
No hits reported in this sample.						
C25941-3	**B-5@20'**					
No hits reported in this sample.						
C25941-4	**B-5@25'**					
TPH (Diesel) [a]		8.69 J	9.9	5.0	mg/kg	SW846 8015B M
C25941-5	**B-6@2 1/2'**					
TPH (Motor Oil)		375	200	100	mg/kg	SW846 8015B M
C25941-6	**B-6@5'**					
Ethylbenzene		2.2 J	4.9	0.49	ug/kg	SW846 8260B
Xylene (total)		13.4	9.8	0.98	ug/kg	SW846 8260B
C25941-7	**B-6@10'**					
Ethylbenzene		7.9	4.9	0.49	ug/kg	SW846 8260B
Xylene (total)		53.5	9.7	0.97	ug/kg	SW846 8260B
C25941-8	**B-6@15'**					
No hits reported in this sample.						
C25941-9	**B-7@2 1/2'**					
TPH (Diesel) [b]		69.7	30	15	mg/kg	SW846 8015B M
TPH (Motor Oil) [c]		183	60	30	mg/kg	SW846 8015B M
C25941-10	**B-7@5'**					
TPH (Motor Oil)		55.6	20	9.9	mg/kg	SW846 8015B M

Summary of Hits

Job Number: C25941
Account: EquoLogic
Project: T10000003424-San Lorenzo, CA
Collected: 01/26/13

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
C25941-11	**B-7@10'**					
TPH (Motor Oil)		30.2	20	10	mg/kg	SW846 8015B M
C25941-12	**B-7@15'**					
TPH (Motor Oil)		18.4 J	20	9.9	mg/kg	SW846 8015B M
C25941-13	**B-8@2 1/2'**					
No hits reported in this sample.						
C25941-14	**B-8@5'**					
TPH (Motor Oil)		22.5	20	10	mg/kg	SW846 8015B M
C25941-15	**B-8@10'**					
TPH (Motor Oil)		17.9 J	20	9.9	mg/kg	SW846 8015B M
C25941-16	**B-8@15'**					
TPH (Motor Oil)		15.7 J	20	10	mg/kg	SW846 8015B M
C25941-17	**B-9@2 1/2'**					
TPH (Motor Oil)		138	59	30	mg/kg	SW846 8015B M
C25941-18	**B-9@5'**					
No hits reported in this sample.						
C25941-19	**B-9@10'**					
No hits reported in this sample.						
C25941-20	**B-9@15'**					
No hits reported in this sample.						

(a) Atypical Diesel pattern; value due to discrete peaks.
(b) Heating Oil is not a unique pattern. Historically Heating oil has been various petroleum hydrocabon mixtures from C10-C40; this includes the Diesel and Motor Oil ranges. Therefore TPH in either range could be Heating Oil.
(c) Heating Oil is not a unique pattern. Historically Heating Oil has been various petroleum hydrocabon mixtures

Summary of Hits

Job Number: C25941
Account: EquoLogic
Project: T10000003424-San Lorenzo, CA
Collected: 01/26/13

Lab Sample ID Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method

from C10-C40; this includes the Diesel and Motor Oil ranges. Therefore TPH in either range could be Heating Oil.

Sample Results

Report of Analysis

Accutest Laboratories

Report of Analysis

Client Sample ID: B-5@5'
Lab Sample ID: C25941-1
Matrix: SO - Soil
Method: SW846 8260B
Project: T10000003424-San Lorenzo, CA

Date Sampled: 01/26/13
Date Received: 01/28/13
Percent Solids: n/a [a]

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L22476.D	1	02/02/13	XB	n/a	n/a	VL712
Run #2							

	Initial Weight
Run #1	5.03 g
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	5.0	0.50	ug/kg	
108-88-3	Toluene	ND	5.0	0.50	ug/kg	
100-41-4	Ethylbenzene	ND	5.0	0.50	ug/kg	
1330-20-7	Xylene (total)	ND	9.9	0.99	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	5.0	0.99	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		70-130%
2037-26-5	Toluene-D8	99%		70-130%
460-00-4	4-Bromofluorobenzene	97%		70-130%

(a) All results reported on a wet weight basis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID: B-5@5'
Lab Sample ID: C25941-1
Matrix: SO - Soil
Method: SW846 8270C SW846 3550B
Project: T10000003424-San Lorenzo, CA

Date Sampled: 01/26/13
Date Received: 01/28/13
Percent Solids: n/a [a]

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y18818.D	1	01/30/13	MT	01/28/13	OP7407	EY883
Run #2							

	Initial Weight	Final Volume
Run #1	30.1 g	1.0 ml
Run #2		

BN PAH List

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	ND	170	73	ug/kg	
208-96-8	Acenaphthylene	ND	170	78	ug/kg	
120-12-7	Anthracene	ND	170	54	ug/kg	
56-55-3	Benzo(a)anthracene	ND	170	33	ug/kg	
50-32-8	Benzo(a)pyrene	ND	170	33	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	170	33	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	170	43	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	170	33	ug/kg	
218-01-9	Chrysene	ND	170	33	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	170	41	ug/kg	
206-44-0	Fluoranthene	ND	170	33	ug/kg	
86-73-7	Fluorene	ND	170	72	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	170	43	ug/kg	
90-12-0	1-Methylnaphthalene	ND	170	76	ug/kg	
91-57-6	2-Methylnaphthalene	ND	170	79	ug/kg	
91-20-3	Naphthalene	ND	170	77	ug/kg	
85-01-8	Phenanthrene	ND	170	58	ug/kg	
129-00-0	Pyrene	ND	170	33	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	81%		15-101%
321-60-8	2-Fluorobiphenyl	85%		15-104%
1718-51-0	Terphenyl-d14	108%		56-123%

(a) All results reported on a wet weight basis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	B-5@5'		
Lab Sample ID:	C25941-1	**Date Sampled:**	01/26/13
Matrix:	SO - Soil	**Date Received:**	01/28/13
Method:	SW846 8015B M SW846 3545A	**Percent Solids:**	n/a [a]
Project:	T10000003424-San Lorenzo, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	GG40968.D	1	01/29/13	LB	01/28/13	OP7406	GGG1084
Run #2							

	Initial Weight	Final Volume
Run #1	10.1 g	1.0 ml
Run #2		

TPH Extractable w/ Silica Gel Cleanup

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (Diesel)	ND	9.9	5.0	mg/kg	
	TPH (Motor Oil)	19.0	20	9.9	mg/kg	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	68%		37-122%

(a) All results reported on a wet weight basis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID: B-5@15'
Lab Sample ID: C25941-2
Matrix: SO - Soil
Method: SW846 8260B
Project: T10000003424-San Lorenzo, CA

Date Sampled: 01/26/13
Date Received: 01/28/13
Percent Solids: n/a [a]

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L22477.D	1	02/02/13	XB	n/a	n/a	VL712
Run #2							

	Initial Weight
Run #1	5.08 g
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	4.9	0.49	ug/kg	
108-88-3	Toluene	ND	4.9	0.49	ug/kg	
100-41-4	Ethylbenzene	ND	4.9	0.49	ug/kg	
1330-20-7	Xylene (total)	ND	9.8	0.98	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	4.9	0.98	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		70-130%
2037-26-5	Toluene-D8	97%		70-130%
460-00-4	4-Bromofluorobenzene	95%		70-130%

(a) All results reported on a wet weight basis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID: B-5@15'
Lab Sample ID: C25941-2
Matrix: SO - Soil
Method: SW846 8270C SW846 3550B
Project: T10000003424-San Lorenzo, CA

Date Sampled: 01/26/13
Date Received: 01/28/13
Percent Solids: n/a [a]

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y18786.D	1	01/30/13	MT	01/28/13	OP7407	EY882
Run #2							

	Initial Weight	Final Volume
Run #1	30.0 g	1.0 ml
Run #2		

BN PAH List

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	ND	170	73	ug/kg	
208-96-8	Acenaphthylene	ND	170	78	ug/kg	
120-12-7	Anthracene	ND	170	54	ug/kg	
56-55-3	Benzo(a)anthracene	ND	170	33	ug/kg	
50-32-8	Benzo(a)pyrene	ND	170	33	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	170	33	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	170	43	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	170	33	ug/kg	
218-01-9	Chrysene	ND	170	33	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	170	41	ug/kg	
206-44-0	Fluoranthene	ND	170	33	ug/kg	
86-73-7	Fluorene	ND	170	72	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	170	43	ug/kg	
90-12-0	1-Methylnaphthalene	ND	170	76	ug/kg	
91-57-6	2-Methylnaphthalene	ND	170	80	ug/kg	
91-20-3	Naphthalene	ND	170	77	ug/kg	
85-01-8	Phenanthrene	ND	170	58	ug/kg	
129-00-0	Pyrene	ND	170	33	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	63%		15-101%
321-60-8	2-Fluorobiphenyl	64%		15-104%
1718-51-0	Terphenyl-d14	102%		56-123%

(a) All results reported on a wet weight basis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	B-5@15'		
Lab Sample ID:	C25941-2	**Date Sampled:**	01/26/13
Matrix:	SO - Soil	**Date Received:**	01/28/13
Method:	SW846 8015B M SW846 3545A	**Percent Solids:**	n/a [a]
Project:	T10000003424-San Lorenzo, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	GG40969.D	1	01/29/13	LB	01/28/13	OP7406	GGG1084
Run #2							

	Initial Weight	Final Volume
Run #1	10.1 g	1.0 ml
Run #2		

TPH Extractable w/ Silica Gel Cleanup

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (Diesel)	ND	9.9	5.0	mg/kg	
	TPH (Motor Oil)	ND	20	9.9	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	69%		37-122%

(a) All results reported on a wet weight basis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID: B-5@20'
Lab Sample ID: C25941-3
Matrix: SO - Soil
Method: SW846 8260B
Project: T10000003424-San Lorenzo, CA

Date Sampled: 01/26/13
Date Received: 01/28/13
Percent Solids: n/a [a]

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L22478.D	1	02/02/13	XB	n/a	n/a	VL712
Run #2							

	Initial Weight
Run #1	5.08 g
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	4.9	0.49	ug/kg	
108-88-3	Toluene	ND	4.9	0.49	ug/kg	
100-41-4	Ethylbenzene	ND	4.9	0.49	ug/kg	
1330-20-7	Xylene (total)	ND	9.8	0.98	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	4.9	0.98	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		70-130%
2037-26-5	Toluene-D8	97%		70-130%
460-00-4	4-Bromofluorobenzene	97%		70-130%

(a) All results reported on a wet weight basis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID: B-5@20'
Lab Sample ID: C25941-3
Matrix: SO - Soil
Method: SW846 8270C SW846 3550B
Project: T10000003424-San Lorenzo, CA

Date Sampled: 01/26/13
Date Received: 01/28/13
Percent Solids: n/a [a]

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y18819.D	1	01/30/13	MT	01/28/13	OP7407	EY883
Run #2							

	Initial Weight	Final Volume
Run #1	30.0 g	1.0 ml
Run #2		

BN PAH List

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	ND	170	73	ug/kg	
208-96-8	Acenaphthylene	ND	170	78	ug/kg	
120-12-7	Anthracene	ND	170	54	ug/kg	
56-55-3	Benzo(a)anthracene	ND	170	33	ug/kg	
50-32-8	Benzo(a)pyrene	ND	170	33	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	170	33	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	170	43	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	170	33	ug/kg	
218-01-9	Chrysene	ND	170	33	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	170	41	ug/kg	
206-44-0	Fluoranthene	ND	170	33	ug/kg	
86-73-7	Fluorene	ND	170	72	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	170	43	ug/kg	
90-12-0	1-Methylnaphthalene	ND	170	76	ug/kg	
91-57-6	2-Methylnaphthalene	ND	170	80	ug/kg	
91-20-3	Naphthalene	ND	170	77	ug/kg	
85-01-8	Phenanthrene	ND	170	58	ug/kg	
129-00-0	Pyrene	ND	170	33	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	70%		15-101%
321-60-8	2-Fluorobiphenyl	75%		15-104%
1718-51-0	Terphenyl-d14	109%		56-123%

(a) All results reported on a wet weight basis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	B-5@20'		
Lab Sample ID:	C25941-3	**Date Sampled:**	01/26/13
Matrix:	SO - Soil	**Date Received:**	01/28/13
Method:	SW846 8015B M SW846 3545A	**Percent Solids:**	n/a [a]
Project:	T10000003424-San Lorenzo, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	GG40970.D	1	01/29/13	LB	01/28/13	OP7406	GGG1084
Run #2							

	Initial Weight	Final Volume
Run #1	10.1 g	1.0 ml
Run #2		

TPH Extractable w/ Silica Gel Cleanup

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (Diesel)	ND	9.9	4.9	mg/kg	
	TPH (Motor Oil)	ND	20	9.9	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	77%		37-122%

(a) All results reported on a wet weight basis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	B-5@25'		
Lab Sample ID:	C25941-4	**Date Sampled:**	01/26/13
Matrix:	SO - Soil	**Date Received:**	01/28/13
Method:	SW846 8260B	**Percent Solids:**	n/a [a]
Project:	T10000003424-San Lorenzo, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L22481.D	1	02/02/13	XB	n/a	n/a	VL712
Run #2							

	Initial Weight
Run #1	5.02 g
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	5.0	0.50	ug/kg	
108-88-3	Toluene	ND	5.0	0.50	ug/kg	
100-41-4	Ethylbenzene	ND	5.0	0.50	ug/kg	
1330-20-7	Xylene (total)	ND	10	1.0	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	5.0	1.0	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		70-130%
2037-26-5	Toluene-D8	97%		70-130%
460-00-4	4-Bromofluorobenzene	96%		70-130%

(a) All results reported on a wet weight basis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID: B-5@25'
Lab Sample ID: C25941-4
Matrix: SO - Soil
Method: SW846 8270C SW846 3550B
Project: T10000003424-San Lorenzo, CA

Date Sampled: 01/26/13
Date Received: 01/28/13
Percent Solids: n/a [a]

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y18820.D	1	01/30/13	MT	01/28/13	OP7407	EY883
Run #2							

	Initial Weight	Final Volume
Run #1	30.0 g	1.0 ml
Run #2		

BN PAH List

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	ND	170	73	ug/kg	
208-96-8	Acenaphthylene	ND	170	78	ug/kg	
120-12-7	Anthracene	ND	170	54	ug/kg	
56-55-3	Benzo(a)anthracene	ND	170	33	ug/kg	
50-32-8	Benzo(a)pyrene	ND	170	33	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	170	33	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	170	43	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	170	33	ug/kg	
218-01-9	Chrysene	ND	170	33	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	170	41	ug/kg	
206-44-0	Fluoranthene	ND	170	33	ug/kg	
86-73-7	Fluorene	ND	170	72	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	170	43	ug/kg	
90-12-0	1-Methylnaphthalene	ND	170	76	ug/kg	
91-57-6	2-Methylnaphthalene	ND	170	80	ug/kg	
91-20-3	Naphthalene	ND	170	77	ug/kg	
85-01-8	Phenanthrene	ND	170	58	ug/kg	
129-00-0	Pyrene	ND	170	33	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	80%		15-101%
321-60-8	2-Fluorobiphenyl	84%		15-104%
1718-51-0	Terphenyl-d14	109%		56-123%

(a) All results reported on a wet weight basis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	B-5@25'		
Lab Sample ID:	C25941-4	**Date Sampled:**	01/26/13
Matrix:	SO - Soil	**Date Received:**	01/28/13
Method:	SW846 8015B M SW846 3545A	**Percent Solids:**	n/a [a]
Project:	T10000003424-San Lorenzo, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	GG40971.D	1	01/29/13	LB	01/28/13	OP7406	GGG1084
Run #2							

	Initial Weight	Final Volume
Run #1	10.1 g	1.0 ml
Run #2		

TPH Extractable w/ Silica Gel Cleanup

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (Diesel) [b]	8.69	9.9	5.0	mg/kg	J
	TPH (Motor Oil)	ND	20	9.9	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	70%		37-122%

(a) All results reported on a wet weight basis.
(b) Atypical Diesel pattern; value due to discrete peaks.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID: B-6@2 1/2'
Lab Sample ID: C25941-5
Matrix: SO - Soil
Method: SW846 8260B
Project: T10000003424-San Lorenzo, CA

Date Sampled: 01/26/13
Date Received: 01/28/13
Percent Solids: n/a [a]

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L22482.D	1	02/02/13	XB	n/a	n/a	VL712
Run #2							

	Initial Weight
Run #1	5.17 g
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	4.8	0.48	ug/kg	
108-88-3	Toluene	ND	4.8	0.48	ug/kg	
100-41-4	Ethylbenzene	ND	4.8	0.48	ug/kg	
1330-20-7	Xylene (total)	ND	9.7	0.97	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	4.8	0.97	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		70-130%
2037-26-5	Toluene-D8	96%		70-130%
460-00-4	4-Bromofluorobenzene	97%		70-130%

(a) All results reported on a wet weight basis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID: B-6@2 1/2'
Lab Sample ID: C25941-5
Matrix: SO - Soil
Method: SW846 8270C SW846 3550B
Project: T10000003424-San Lorenzo, CA

Date Sampled: 01/26/13
Date Received: 01/28/13
Percent Solids: n/a [a]

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [b]	Y18813.D	4	01/30/13	MT	01/28/13	OP7407	EY883
Run #2							

	Initial Weight	Final Volume
Run #1	30.1 g	1.0 ml
Run #2		

BN PAH List

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	ND	660	290	ug/kg	
208-96-8	Acenaphthylene	ND	660	310	ug/kg	
120-12-7	Anthracene	ND	660	210	ug/kg	
56-55-3	Benzo(a)anthracene	ND	660	130	ug/kg	
50-32-8	Benzo(a)pyrene	ND	660	130	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	660	130	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	660	170	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	660	130	ug/kg	
218-01-9	Chrysene	ND	660	130	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	660	160	ug/kg	
206-44-0	Fluoranthene	ND	660	130	ug/kg	
86-73-7	Fluorene	ND	660	290	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	660	170	ug/kg	
90-12-0	1-Methylnaphthalene	ND	660	300	ug/kg	
91-57-6	2-Methylnaphthalene	ND	660	320	ug/kg	
91-20-3	Naphthalene	ND	660	310	ug/kg	
85-01-8	Phenanthrene	ND	660	230	ug/kg	
129-00-0	Pyrene	ND	660	130	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	82%		15-101%
321-60-8	2-Fluorobiphenyl	87%		15-104%
1718-51-0	Terphenyl-d14	110%		56-123%

(a) All results reported on a wet weight basis.
(b) Dilution required due to matrix interference (dark and viscous extract; high concentration of non-target hydrocarbons).

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	B-6@2 1/2'		
Lab Sample ID:	C25941-5	**Date Sampled:**	01/26/13
Matrix:	SO - Soil	**Date Received:**	01/28/13
Method:	SW846 8015B M SW846 3545A	**Percent Solids:**	n/a [a]
Project:	T10000003424-San Lorenzo, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	GG40966.D	10	01/29/13	LB	01/28/13	OP7406	GGG1084
Run #2							

	Initial Weight	Final Volume
Run #1	10.0 g	1.0 ml
Run #2		

TPH Extractable w/ Silica Gel Cleanup

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (Diesel)	ND	100	50	mg/kg	
	TPH (Motor Oil)	375	200	100	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	74%		37-122%

(a) All results reported on a wet weight basis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID: B-6@5'
Lab Sample ID: C25941-6
Matrix: SO - Soil
Method: SW846 8260B
Project: T10000003424-San Lorenzo, CA

Date Sampled: 01/26/13
Date Received: 01/28/13
Percent Solids: n/a [a]

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L22483.D	1	02/02/13	XB	n/a	n/a	VL712
Run #2							

	Initial Weight
Run #1	5.08 g
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	4.9	0.49	ug/kg	
108-88-3	Toluene	ND	4.9	0.49	ug/kg	
100-41-4	Ethylbenzene	2.2	4.9	0.49	ug/kg	J
1330-20-7	Xylene (total)	13.4	9.8	0.98	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	4.9	0.98	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		70-130%
2037-26-5	Toluene-D8	98%		70-130%
460-00-4	4-Bromofluorobenzene	97%		70-130%

(a) All results reported on a wet weight basis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID: B-6@5'
Lab Sample ID: C25941-6
Matrix: SO - Soil
Method: SW846 8270C SW846 3550B
Project: T10000003424-San Lorenzo, CA

Date Sampled: 01/26/13
Date Received: 01/28/13
Percent Solids: n/a [a]

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Z2061.D	1	01/30/13	MT	01/28/13	OP7407	EZ105
Run #2							

	Initial Weight	Final Volume
Run #1	30.1 g	1.0 ml
Run #2		

BN PAH List

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	ND	170	73	ug/kg	
208-96-8	Acenaphthylene	ND	170	78	ug/kg	
120-12-7	Anthracene	ND	170	54	ug/kg	
56-55-3	Benzo(a)anthracene	ND	170	33	ug/kg	
50-32-8	Benzo(a)pyrene	ND	170	33	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	170	33	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	170	43	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	170	33	ug/kg	
218-01-9	Chrysene	ND	170	33	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	170	41	ug/kg	
206-44-0	Fluoranthene	ND	170	33	ug/kg	
86-73-7	Fluorene	ND	170	72	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	170	43	ug/kg	
90-12-0	1-Methylnaphthalene	ND	170	76	ug/kg	
91-57-6	2-Methylnaphthalene	ND	170	80	ug/kg	
91-20-3	Naphthalene	ND	170	77	ug/kg	
85-01-8	Phenanthrene	ND	170	58	ug/kg	
129-00-0	Pyrene	ND	170	33	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	92%		15-101%
321-60-8	2-Fluorobiphenyl	82%		15-104%
1718-51-0	Terphenyl-d14	103%		56-123%

(a) All results reported on a wet weight basis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	B-6@5'		
Lab Sample ID:	C25941-6	**Date Sampled:**	01/26/13
Matrix:	SO - Soil	**Date Received:**	01/28/13
Method:	SW846 8015B M SW846 3545A	**Percent Solids:**	n/a [a]
Project:	T10000003424-San Lorenzo, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	GG40972.D	1	01/29/13	LB	01/28/13	OP7406	GGG1084
Run #2							

	Initial Weight	Final Volume
Run #1	10.0 g	1.0 ml
Run #2		

TPH Extractable w/ Silica Gel Cleanup

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (Diesel)	ND	10	5.0	mg/kg	
	TPH (Motor Oil)	ND	20	10	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	64%		37-122%

(a) All results reported on a wet weight basis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	B-6@10'		
Lab Sample ID:	C25941-7	**Date Sampled:**	01/26/13
Matrix:	SO - Soil	**Date Received:**	01/28/13
Method:	SW846 8260B	**Percent Solids:**	n/a [a]
Project:	T10000003424-San Lorenzo, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L22484.D	1	02/02/13	XB	n/a	n/a	VL712
Run #2							

	Initial Weight
Run #1	5.15 g
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	4.9	0.49	ug/kg	
108-88-3	Toluene	ND	4.9	0.49	ug/kg	
100-41-4	Ethylbenzene	7.9	4.9	0.49	ug/kg	
1330-20-7	Xylene (total)	53.5	9.7	0.97	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	4.9	0.97	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		70-130%
2037-26-5	Toluene-D8	97%		70-130%
460-00-4	4-Bromofluorobenzene	96%		70-130%

(a) All results reported on a wet weight basis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID: B-6@10'
Lab Sample ID: C25941-7
Matrix: SO - Soil
Method: SW846 8270C SW846 3550B
Project: T10000003424-San Lorenzo, CA

Date Sampled: 01/26/13
Date Received: 01/28/13
Percent Solids: n/a [a]

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [b]	Y18814.D	2	01/30/13	MT	01/28/13	OP7407	EY883
Run #2							

	Initial Weight	Final Volume
Run #1	30.1 g	1.0 ml
Run #2		

BN PAH List

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	ND	330	150	ug/kg	
208-96-8	Acenaphthylene	ND	330	160	ug/kg	
120-12-7	Anthracene	ND	330	110	ug/kg	
56-55-3	Benzo(a)anthracene	ND	330	67	ug/kg	
50-32-8	Benzo(a)pyrene	ND	330	67	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	330	67	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	330	86	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	330	67	ug/kg	
218-01-9	Chrysene	ND	330	67	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	330	82	ug/kg	
206-44-0	Fluoranthene	ND	330	67	ug/kg	
86-73-7	Fluorene	ND	330	140	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	330	85	ug/kg	
90-12-0	1-Methylnaphthalene	ND	330	150	ug/kg	
91-57-6	2-Methylnaphthalene	ND	330	160	ug/kg	
91-20-3	Naphthalene	ND	330	150	ug/kg	
85-01-8	Phenanthrene	ND	330	120	ug/kg	
129-00-0	Pyrene	ND	330	67	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	71%		15-101%
321-60-8	2-Fluorobiphenyl	76%		15-104%
1718-51-0	Terphenyl-d14	106%		56-123%

(a) All results reported on a wet weight basis.
(b) Dilution required due to matrix interference (dark and viscous extract; high concentration of non-target hydrocarbons).

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	B-6@10'		
Lab Sample ID:	C25941-7	**Date Sampled:**	01/26/13
Matrix:	SO - Soil	**Date Received:**	01/28/13
Method:	SW846 8015B M SW846 3545A	**Percent Solids:**	n/a [a]
Project:	T10000003424-San Lorenzo, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	GG40973.D	1	01/29/13	LB	01/28/13	OP7406	GGG1084
Run #2							

	Initial Weight	Final Volume
Run #1	10.0 g	1.0 ml
Run #2		

TPH Extractable w/ Silica Gel Cleanup

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (Diesel)	ND	10	5.0	mg/kg	
	TPH (Motor Oil)	ND	20	10	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	61%		37-122%

(a) All results reported on a wet weight basis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID: B-6@15'
Lab Sample ID: C25941-8
Matrix: SO - Soil
Method: SW846 8260B
Project: T10000003424-San Lorenzo, CA

Date Sampled: 01/26/13
Date Received: 01/28/13
Percent Solids: n/a [a]

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L22485.D	1	02/02/13	XB	n/a	n/a	VL712
Run #2							

	Initial Weight
Run #1	5.20 g
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	4.8	0.48	ug/kg	
108-88-3	Toluene	ND	4.8	0.48	ug/kg	
100-41-4	Ethylbenzene	ND	4.8	0.48	ug/kg	
1330-20-7	Xylene (total)	ND	9.6	0.96	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	4.8	0.96	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		70-130%
2037-26-5	Toluene-D8	96%		70-130%
460-00-4	4-Bromofluorobenzene	97%		70-130%

(a) All results reported on a wet weight basis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID: B-6@15'
Lab Sample ID: C25941-8
Matrix: SO - Soil
Method: SW846 8270C SW846 3550B
Project: T10000003424-San Lorenzo, CA

Date Sampled: 01/26/13
Date Received: 01/28/13
Percent Solids: n/a [a]

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Z2062.D	1	01/30/13	MT	01/28/13	OP7407	EZ105
Run #2							

	Initial Weight	Final Volume
Run #1	30.0 g	1.0 ml
Run #2		

BN PAH List

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	ND	170	73	ug/kg	
208-96-8	Acenaphthylene	ND	170	78	ug/kg	
120-12-7	Anthracene	ND	170	54	ug/kg	
56-55-3	Benzo(a)anthracene	ND	170	33	ug/kg	
50-32-8	Benzo(a)pyrene	ND	170	33	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	170	33	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	170	43	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	170	33	ug/kg	
218-01-9	Chrysene	ND	170	33	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	170	41	ug/kg	
206-44-0	Fluoranthene	ND	170	33	ug/kg	
86-73-7	Fluorene	ND	170	72	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	170	43	ug/kg	
90-12-0	1-Methylnaphthalene	ND	170	76	ug/kg	
91-57-6	2-Methylnaphthalene	ND	170	80	ug/kg	
91-20-3	Naphthalene	ND	170	77	ug/kg	
85-01-8	Phenanthrene	ND	170	58	ug/kg	
129-00-0	Pyrene	ND	170	33	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	93%		15-101%
321-60-8	2-Fluorobiphenyl	83%		15-104%
1718-51-0	Terphenyl-d14	101%		56-123%

(a) All results reported on a wet weight basis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	B-6@15'		
Lab Sample ID:	C25941-8	**Date Sampled:**	01/26/13
Matrix:	SO - Soil	**Date Received:**	01/28/13
Method:	SW846 8015B M SW846 3545A	**Percent Solids:**	n/a [a]
Project:	T10000003424-San Lorenzo, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	GG40974.D	1	01/29/13	LB	01/28/13	OP7406	GGG1084
Run #2							

	Initial Weight	Final Volume
Run #1	10.1 g	1.0 ml
Run #2		

TPH Extractable w/ Silica Gel Cleanup

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (Diesel)	ND	9.9	5.0	mg/kg	
	TPH (Motor Oil)	ND	20	9.9	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	63%		37-122%

(a) All results reported on a wet weight basis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID: B-7@2 1/2'
Lab Sample ID: C25941-9
Matrix: SO - Soil
Method: SW846 8260B
Project: T10000003424-San Lorenzo, CA

Date Sampled: 01/26/13
Date Received: 01/28/13
Percent Solids: n/a [a]

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L22486.D	1	02/02/13	XB	n/a	n/a	VL712
Run #2							

	Initial Weight
Run #1	5.05 g
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	5.0	0.50	ug/kg	
108-88-3	Toluene	ND	5.0	0.50	ug/kg	
100-41-4	Ethylbenzene	ND	5.0	0.50	ug/kg	
1330-20-7	Xylene (total)	ND	9.9	0.99	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	5.0	0.99	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		70-130%
2037-26-5	Toluene-D8	97%		70-130%
460-00-4	4-Bromofluorobenzene	95%		70-130%

(a) All results reported on a wet weight basis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID: B-7@2 1/2'
Lab Sample ID: C25941-9
Matrix: SO - Soil
Method: SW846 8270C SW846 3550B
Project: T10000003424-San Lorenzo, CA

Date Sampled: 01/26/13
Date Received: 01/28/13
Percent Solids: n/a [a]

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [b]	Y18815.D	10	01/30/13	MT	01/28/13	OP7407	EY883
Run #2							

	Initial Weight	Final Volume
Run #1	30.0 g	1.0 ml
Run #2		

BN PAH List

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	ND	1700	730	ug/kg	
208-96-8	Acenaphthylene	ND	1700	780	ug/kg	
120-12-7	Anthracene	ND	1700	540	ug/kg	
56-55-3	Benzo(a)anthracene	ND	1700	330	ug/kg	
50-32-8	Benzo(a)pyrene	ND	1700	330	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	1700	330	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	1700	430	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	1700	330	ug/kg	
218-01-9	Chrysene	ND	1700	330	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	1700	410	ug/kg	
206-44-0	Fluoranthene	ND	1700	330	ug/kg	
86-73-7	Fluorene	ND	1700	720	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	1700	430	ug/kg	
90-12-0	1-Methylnaphthalene	ND	1700	760	ug/kg	
91-57-6	2-Methylnaphthalene	ND	1700	800	ug/kg	
91-20-3	Naphthalene	ND	1700	770	ug/kg	
85-01-8	Phenanthrene	ND	1700	580	ug/kg	
129-00-0	Pyrene	ND	1700	330	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	69%		15-101%
321-60-8	2-Fluorobiphenyl	82%		15-104%
1718-51-0	Terphenyl-d14	106%		56-123%

(a) All results reported on a wet weight basis.
(b) Dilution required due to matrix interference (dark and viscous extract; high concentration of non-target hydrocarbons).

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	B-7@2 1/2'		
Lab Sample ID:	C25941-9	**Date Sampled:**	01/26/13
Matrix:	SO - Soil	**Date Received:**	01/28/13
Method:	SW846 8015B M SW846 3545A	**Percent Solids:**	n/a [a]
Project:	T10000003424-San Lorenzo, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	GG40975.D	3	01/29/13	LB	01/28/13	OP7406	GGG1084
Run #2							

	Initial Weight	Final Volume
Run #1	10.0 g	1.0 ml
Run #2		

TPH Extractable w/ Silica Gel Cleanup

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (Diesel) [b]	69.7	30	15	mg/kg	
	TPH (Motor Oil) [c]	183	60	30	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	70%		37-122%

(a) All results reported on a wet weight basis.
(b) Heating Oil is not a unique pattern. Historically Heating oil has been various petroleum hydrocabon mixtures from C10-C40; this includes the Diesel and Motor Oil ranges. Therefore TPH in either range could be Heating Oil.
(c) Heating Oil is not a unique pattern. Historically Heating Oil has been various petroleum hydrocabon mixtures from C10-C40; this includes the Diesel and Motor Oil ranges. Therefore TPH in either range could be Heating Oil.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	B-7@5'		
Lab Sample ID:	C25941-10	**Date Sampled:**	01/26/13
Matrix:	SO - Soil	**Date Received:**	01/28/13
Method:	SW846 8260B	**Percent Solids:**	n/a [a]
Project:	T10000003424-San Lorenzo, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L22487.D	1	02/02/13	XB	n/a	n/a	VL712
Run #2							

	Initial Weight
Run #1	5.02 g
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	5.0	0.50	ug/kg	
108-88-3	Toluene	ND	5.0	0.50	ug/kg	
100-41-4	Ethylbenzene	ND	5.0	0.50	ug/kg	
1330-20-7	Xylene (total)	ND	10	1.0	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	5.0	1.0	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		70-130%
2037-26-5	Toluene-D8	96%		70-130%
460-00-4	4-Bromofluorobenzene	96%		70-130%

(a) All results reported on a wet weight basis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID: B-7@5'
Lab Sample ID: C25941-10
Matrix: SO - Soil
Method: SW846 8270C SW846 3550B
Project: T10000003424-San Lorenzo, CA

Date Sampled: 01/26/13
Date Received: 01/28/13
Percent Solids: n/a [a]

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [b]	Y18816.D	2	01/30/13	MT	01/28/13	OP7407	EY883
Run #2							

	Initial Weight	Final Volume
Run #1	30.1 g	1.0 ml
Run #2		

BN PAH List

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	ND	330	150	ug/kg	
208-96-8	Acenaphthylene	ND	330	160	ug/kg	
120-12-7	Anthracene	ND	330	110	ug/kg	
56-55-3	Benzo(a)anthracene	ND	330	66	ug/kg	
50-32-8	Benzo(a)pyrene	ND	330	66	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	330	66	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	330	86	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	330	66	ug/kg	
218-01-9	Chrysene	ND	330	66	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	330	82	ug/kg	
206-44-0	Fluoranthene	ND	330	66	ug/kg	
86-73-7	Fluorene	ND	330	140	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	330	85	ug/kg	
90-12-0	1-Methylnaphthalene	ND	330	150	ug/kg	
91-57-6	2-Methylnaphthalene	ND	330	160	ug/kg	
91-20-3	Naphthalene	ND	330	150	ug/kg	
85-01-8	Phenanthrene	ND	330	120	ug/kg	
129-00-0	Pyrene	ND	330	66	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	81%		15-101%
321-60-8	2-Fluorobiphenyl	85%		15-104%
1718-51-0	Terphenyl-d14	103%		56-123%

(a) All results reported on a wet weight basis.
(b) Dilution required due to matrix interference (dark and viscous extract; high concentration of non-target hydrocarbons).

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	B-7@5'		
Lab Sample ID:	C25941-10	**Date Sampled:**	01/26/13
Matrix:	SO - Soil	**Date Received:**	01/28/13
Method:	SW846 8015B M SW846 3545A	**Percent Solids:**	n/a [a]
Project:	T10000003424-San Lorenzo, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	GG40979.D	1	01/29/13	LB	01/28/13	OP7406	GGG1084
Run #2							

	Initial Weight	Final Volume
Run #1	10.1 g	1.0 ml
Run #2		

TPH Extractable w/ Silica Gel Cleanup

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (Diesel)	ND	9.9	5.0	mg/kg	
	TPH (Motor Oil)	55.6	20	9.9	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	80%		37-122%

(a) All results reported on a wet weight basis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID: B-7@10'
Lab Sample ID: C25941-11
Matrix: SO - Soil
Method: SW846 8260B
Project: T10000003424-San Lorenzo, CA

Date Sampled: 01/26/13
Date Received: 01/28/13
Percent Solids: n/a [a]

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L22488.D	1	02/02/13	XB	n/a	n/a	VL712
Run #2							

	Initial Weight
Run #1	5.00 g
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	5.0	0.50	ug/kg	
108-88-3	Toluene	ND	5.0	0.50	ug/kg	
100-41-4	Ethylbenzene	ND	5.0	0.50	ug/kg	
1330-20-7	Xylene (total)	ND	10	1.0	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	5.0	1.0	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		70-130%
2037-26-5	Toluene-D8	97%		70-130%
460-00-4	4-Bromofluorobenzene	96%		70-130%

(a) All results reported on a wet weight basis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID: B-7@10'
Lab Sample ID: C25941-11
Matrix: SO - Soil
Method: SW846 8270C SW846 3550B
Project: T10000003424-San Lorenzo, CA

Date Sampled: 01/26/13
Date Received: 01/28/13
Percent Solids: n/a [a]

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Z2063.D	1	01/30/13	MT	01/28/13	OP7407	EZ105
Run #2							

	Initial Weight	Final Volume
Run #1	30.0 g	1.0 ml
Run #2		

BN PAH List

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	ND	170	73	ug/kg	
208-96-8	Acenaphthylene	ND	170	78	ug/kg	
120-12-7	Anthracene	ND	170	54	ug/kg	
56-55-3	Benzo(a)anthracene	ND	170	33	ug/kg	
50-32-8	Benzo(a)pyrene	ND	170	33	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	170	33	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	170	43	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	170	33	ug/kg	
218-01-9	Chrysene	ND	170	33	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	170	41	ug/kg	
206-44-0	Fluoranthene	ND	170	33	ug/kg	
86-73-7	Fluorene	ND	170	72	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	170	43	ug/kg	
90-12-0	1-Methylnaphthalene	ND	170	76	ug/kg	
91-57-6	2-Methylnaphthalene	ND	170	80	ug/kg	
91-20-3	Naphthalene	ND	170	77	ug/kg	
85-01-8	Phenanthrene	ND	170	58	ug/kg	
129-00-0	Pyrene	ND	170	33	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	96%		15-101%
321-60-8	2-Fluorobiphenyl	87%		15-104%
1718-51-0	Terphenyl-d14	105%		56-123%

(a) All results reported on a wet weight basis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	B-7@10'		
Lab Sample ID:	C25941-11	**Date Sampled:**	01/26/13
Matrix:	SO - Soil	**Date Received:**	01/28/13
Method:	SW846 8015B M SW846 3545A	**Percent Solids:**	n/a [a]
Project:	T10000003424-San Lorenzo, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	GG40980.D	1	01/29/13	LB	01/28/13	OP7406	GGG1084
Run #2							

	Initial Weight	Final Volume
Run #1	10.0 g	1.0 ml
Run #2		

TPH Extractable w/ Silica Gel Cleanup

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (Diesel)	ND	10	5.0	mg/kg	
	TPH (Motor Oil)	30.2	20	10	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	76%		37-122%

(a) All results reported on a wet weight basis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	B-7@15'		
Lab Sample ID:	C25941-12	**Date Sampled:**	01/26/13
Matrix:	SO - Soil	**Date Received:**	01/28/13
Method:	SW846 8260B	**Percent Solids:**	n/a [a]
Project:	T10000003424-San Lorenzo, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L22489.D	1	02/02/13	XB	n/a	n/a	VL712
Run #2							

	Initial Weight
Run #1	5.10 g
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	4.9	0.49	ug/kg	
108-88-3	Toluene	ND	4.9	0.49	ug/kg	
100-41-4	Ethylbenzene	ND	4.9	0.49	ug/kg	
1330-20-7	Xylene (total)	ND	9.8	0.98	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	4.9	0.98	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	107%		70-130%
2037-26-5	Toluene-D8	97%		70-130%
460-00-4	4-Bromofluorobenzene	96%		70-130%

(a) All results reported on a wet weight basis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID: B-7@15'
Lab Sample ID: C25941-12
Matrix: SO - Soil
Method: SW846 8270C SW846 3550B
Project: T10000003424-San Lorenzo, CA

Date Sampled: 01/26/13
Date Received: 01/28/13
Percent Solids: n/a [a]

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Z2064.D	1	01/30/13	MT	01/28/13	OP7407	EZ105
Run #2							

	Initial Weight	Final Volume
Run #1	30.1 g	1.0 ml
Run #2		

BN PAH List

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	ND	170	73	ug/kg	
208-96-8	Acenaphthylene	ND	170	78	ug/kg	
120-12-7	Anthracene	ND	170	53	ug/kg	
56-55-3	Benzo(a)anthracene	ND	170	33	ug/kg	
50-32-8	Benzo(a)pyrene	ND	170	33	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	170	33	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	170	43	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	170	33	ug/kg	
218-01-9	Chrysene	ND	170	33	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	170	41	ug/kg	
206-44-0	Fluoranthene	ND	170	33	ug/kg	
86-73-7	Fluorene	ND	170	72	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	170	42	ug/kg	
90-12-0	1-Methylnaphthalene	ND	170	76	ug/kg	
91-57-6	2-Methylnaphthalene	ND	170	79	ug/kg	
91-20-3	Naphthalene	ND	170	77	ug/kg	
85-01-8	Phenanthrene	ND	170	58	ug/kg	
129-00-0	Pyrene	ND	170	33	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	81%		15-101%
321-60-8	2-Fluorobiphenyl	75%		15-104%
1718-51-0	Terphenyl-d14	97%		56-123%

(a) All results reported on a wet weight basis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	B-7@15'		
Lab Sample ID:	C25941-12	**Date Sampled:**	01/26/13
Matrix:	SO - Soil	**Date Received:**	01/28/13
Method:	SW846 8015B M SW846 3545A	**Percent Solids:**	n/a [a]
Project:	T10000003424-San Lorenzo, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	GG40981.D	1	01/29/13	LB	01/28/13	OP7406	GGG1084
Run #2							

	Initial Weight	Final Volume
Run #1	10.1 g	1.0 ml
Run #2		

TPH Extractable w/ Silica Gel Cleanup

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (Diesel)	ND	9.9	5.0	mg/kg	
	TPH (Motor Oil)	18.4	20	9.9	mg/kg	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	75%		37-122%

(a) All results reported on a wet weight basis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID: B-8@2 1/2'
Lab Sample ID: C25941-13
Matrix: SO - Soil
Method: SW846 8260B
Project: T10000003424-San Lorenzo, CA

Date Sampled: 01/26/13
Date Received: 01/28/13
Percent Solids: n/a [a]

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L22490.D	1	02/02/13	XB	n/a	n/a	VL712
Run #2							

	Initial Weight
Run #1	5.02 g
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	5.0	0.50	ug/kg	
108-88-3	Toluene	ND	5.0	0.50	ug/kg	
100-41-4	Ethylbenzene	ND	5.0	0.50	ug/kg	
1330-20-7	Xylene (total)	ND	10	1.0	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	5.0	1.0	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		70-130%
2037-26-5	Toluene-D8	96%		70-130%
460-00-4	4-Bromofluorobenzene	94%		70-130%

(a) All results reported on a wet weight basis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID: B-8@2 1/2'
Lab Sample ID: C25941-13
Matrix: SO - Soil
Method: SW846 8270C SW846 3550B
Project: T10000003424-San Lorenzo, CA

Date Sampled: 01/26/13
Date Received: 01/28/13
Percent Solids: n/a [a]

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Z2065.D	1	01/30/13	MT	01/28/13	OP7407	EZ105
Run #2							

	Initial Weight	Final Volume
Run #1	30.1 g	1.0 ml
Run #2		

BN PAH List

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	ND	170	73	ug/kg	
208-96-8	Acenaphthylene	ND	170	78	ug/kg	
120-12-7	Anthracene	ND	170	54	ug/kg	
56-55-3	Benzo(a)anthracene	ND	170	33	ug/kg	
50-32-8	Benzo(a)pyrene	ND	170	33	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	170	33	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	170	43	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	170	33	ug/kg	
218-01-9	Chrysene	ND	170	33	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	170	41	ug/kg	
206-44-0	Fluoranthene	ND	170	33	ug/kg	
86-73-7	Fluorene	ND	170	72	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	170	43	ug/kg	
90-12-0	1-Methylnaphthalene	ND	170	76	ug/kg	
91-57-6	2-Methylnaphthalene	ND	170	79	ug/kg	
91-20-3	Naphthalene	ND	170	77	ug/kg	
85-01-8	Phenanthrene	ND	170	58	ug/kg	
129-00-0	Pyrene	ND	170	33	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	80%		15-101%
321-60-8	2-Fluorobiphenyl	74%		15-104%
1718-51-0	Terphenyl-d14	96%		56-123%

(a) All results reported on a wet weight basis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	B-8@2 1/2'		
Lab Sample ID:	C25941-13	**Date Sampled:**	01/26/13
Matrix:	SO - Soil	**Date Received:**	01/28/13
Method:	SW846 8015B M SW846 3545A	**Percent Solids:**	n/a [a]
Project:	T10000003424-San Lorenzo, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	GG40982.D	1	01/29/13	LB	01/28/13	OP7406	GGG1084
Run #2							

	Initial Weight	Final Volume
Run #1	10.1 g	1.0 ml
Run #2		

TPH Extractable w/ Silica Gel Cleanup

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (Diesel)	ND	9.9	5.0	mg/kg	
	TPH (Motor Oil)	ND	20	9.9	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	70%		37-122%

(a) All results reported on a wet weight basis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID: B-8@5'
Lab Sample ID: C25941-14
Matrix: SO - Soil
Method: SW846 8260B
Project: T10000003424-San Lorenzo, CA

Date Sampled: 01/26/13
Date Received: 01/28/13
Percent Solids: n/a [a]

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L22491.D	1	02/02/13	XB	n/a	n/a	VL712
Run #2							

	Initial Weight
Run #1	5.07 g
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	4.9	0.49	ug/kg	
108-88-3	Toluene	ND	4.9	0.49	ug/kg	
100-41-4	Ethylbenzene	ND	4.9	0.49	ug/kg	
1330-20-7	Xylene (total)	ND	9.9	0.99	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	4.9	0.99	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		70-130%
2037-26-5	Toluene-D8	97%		70-130%
460-00-4	4-Bromofluorobenzene	96%		70-130%

(a) All results reported on a wet weight basis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID: B-8@5'
Lab Sample ID: C25941-14
Matrix: SO - Soil
Method: SW846 8270C SW846 3550B
Project: T10000003424-San Lorenzo, CA

Date Sampled: 01/26/13
Date Received: 01/28/13
Percent Solids: n/a [a]

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y18827.D	1	01/31/13	MT	01/28/13	OP7407	EY883
Run #2							

	Initial Weight	Final Volume
Run #1	30.1 g	1.0 ml
Run #2		

BN PAH List

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	ND	170	73	ug/kg	
208-96-8	Acenaphthylene	ND	170	78	ug/kg	
120-12-7	Anthracene	ND	170	54	ug/kg	
56-55-3	Benzo(a)anthracene	ND	170	33	ug/kg	
50-32-8	Benzo(a)pyrene	ND	170	33	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	170	33	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	170	43	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	170	33	ug/kg	
218-01-9	Chrysene	ND	170	33	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	170	41	ug/kg	
206-44-0	Fluoranthene	ND	170	33	ug/kg	
86-73-7	Fluorene	ND	170	72	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	170	43	ug/kg	
90-12-0	1-Methylnaphthalene	ND	170	76	ug/kg	
91-57-6	2-Methylnaphthalene	ND	170	80	ug/kg	
91-20-3	Naphthalene	ND	170	77	ug/kg	
85-01-8	Phenanthrene	ND	170	58	ug/kg	
129-00-0	Pyrene	ND	170	33	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	73%		15-101%
321-60-8	2-Fluorobiphenyl	78%		15-104%
1718-51-0	Terphenyl-d14	109%		56-123%

(a) All results reported on a wet weight basis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	B-8@5'		
Lab Sample ID:	C25941-14	**Date Sampled:**	01/26/13
Matrix:	SO - Soil	**Date Received:**	01/28/13
Method:	SW846 8015B M SW846 3545A	**Percent Solids:**	n/a [a]
Project:	T10000003424-San Lorenzo, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	GG40983.D	1	01/29/13	LB	01/28/13	OP7406	GGG1084
Run #2							

	Initial Weight	Final Volume
Run #1	10.0 g	1.0 ml
Run #2		

TPH Extractable w/ Silica Gel Cleanup

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (Diesel)	ND	10	5.0	mg/kg	
	TPH (Motor Oil)	22.5	20	10	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	70%		37-122%

(a) All results reported on a wet weight basis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID: B-8@10'
Lab Sample ID: C25941-15
Matrix: SO - Soil
Method: SW846 8260B
Project: T10000003424-San Lorenzo, CA

Date Sampled: 01/26/13
Date Received: 01/28/13
Percent Solids: n/a [a]

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L22542.D	1	02/05/13	XB	n/a	n/a	VL714
Run #2							

	Initial Weight
Run #1	5.02 g
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	5.0	0.50	ug/kg	
108-88-3	Toluene	ND	5.0	0.50	ug/kg	
100-41-4	Ethylbenzene	ND	5.0	0.50	ug/kg	
1330-20-7	Xylene (total)	ND	10	1.0	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	5.0	1.0	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		70-130%
2037-26-5	Toluene-D8	96%		70-130%
460-00-4	4-Bromofluorobenzene	97%		70-130%

(a) All results reported on a wet weight basis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	B-8@10'		
Lab Sample ID:	C25941-15	**Date Sampled:**	01/26/13
Matrix:	SO - Soil	**Date Received:**	01/28/13
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	n/a [a]
Project:	T10000003424-San Lorenzo, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y18821.D	1	01/30/13	MT	01/29/13	OP7411	EY883
Run #2							

	Initial Weight	Final Volume
Run #1	30.1 g	1.0 ml
Run #2		

BN PAH List

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	ND	170	73	ug/kg	
208-96-8	Acenaphthylene	ND	170	78	ug/kg	
120-12-7	Anthracene	ND	170	54	ug/kg	
56-55-3	Benzo(a)anthracene	ND	170	33	ug/kg	
50-32-8	Benzo(a)pyrene	ND	170	33	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	170	33	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	170	43	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	170	33	ug/kg	
218-01-9	Chrysene	ND	170	33	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	170	41	ug/kg	
206-44-0	Fluoranthene	ND	170	33	ug/kg	
86-73-7	Fluorene	ND	170	72	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	170	43	ug/kg	
90-12-0	1-Methylnaphthalene	ND	170	76	ug/kg	
91-57-6	2-Methylnaphthalene	ND	170	79	ug/kg	
91-20-3	Naphthalene	ND	170	77	ug/kg	
85-01-8	Phenanthrene	ND	170	58	ug/kg	
129-00-0	Pyrene	ND	170	33	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	79%		15-101%
321-60-8	2-Fluorobiphenyl	82%		15-104%
1718-51-0	Terphenyl-d14	107%		56-123%

(a) All results reported on a wet weight basis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	B-8@10'		
Lab Sample ID:	C25941-15	**Date Sampled:**	01/26/13
Matrix:	SO - Soil	**Date Received:**	01/28/13
Method:	SW846 8015B M SW846 3545A	**Percent Solids:**	n/a [a]
Project:	T10000003424-San Lorenzo, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	GG40984.D	1	01/29/13	LB	01/28/13	OP7406	GGG1084
Run #2							

	Initial Weight	Final Volume
Run #1	10.1 g	1.0 ml
Run #2		

TPH Extractable w/ Silica Gel Cleanup

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (Diesel)	ND	9.9	5.0	mg/kg	
	TPH (Motor Oil)	17.9	20	9.9	mg/kg	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	57%		37-122%

(a) All results reported on a wet weight basis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID: B-8@15'
Lab Sample ID: C25941-16
Matrix: SO - Soil
Method: SW846 8260B
Project: T10000003424-San Lorenzo, CA

Date Sampled: 01/26/13
Date Received: 01/28/13
Percent Solids: n/a [a]

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L22543.D	1	02/05/13	XB	n/a	n/a	VL714
Run #2							

	Initial Weight
Run #1	5.13 g
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	4.9	0.49	ug/kg	
108-88-3	Toluene	ND	4.9	0.49	ug/kg	
100-41-4	Ethylbenzene	ND	4.9	0.49	ug/kg	
1330-20-7	Xylene (total)	ND	9.7	0.97	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	4.9	0.97	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		70-130%
2037-26-5	Toluene-D8	95%		70-130%
460-00-4	4-Bromofluorobenzene	97%		70-130%

(a) All results reported on a wet weight basis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID: B-8@15'
Lab Sample ID: C25941-16
Matrix: SO - Soil
Method: SW846 8270C SW846 3550B
Project: T10000003424-San Lorenzo, CA

Date Sampled: 01/26/13
Date Received: 01/28/13
Percent Solids: n/a [a]

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y18810.D	1	01/30/13	MT	01/29/13	OP7411	EY883
Run #2							

	Initial Weight	Final Volume
Run #1	30.2 g	1.0 ml
Run #2		

BN PAH List

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	ND	170	73	ug/kg	
208-96-8	Acenaphthylene	ND	170	78	ug/kg	
120-12-7	Anthracene	ND	170	53	ug/kg	
56-55-3	Benzo(a)anthracene	ND	170	33	ug/kg	
50-32-8	Benzo(a)pyrene	ND	170	33	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	170	33	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	170	43	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	170	33	ug/kg	
218-01-9	Chrysene	ND	170	33	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	170	41	ug/kg	
206-44-0	Fluoranthene	ND	170	33	ug/kg	
86-73-7	Fluorene	ND	170	72	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	170	42	ug/kg	
90-12-0	1-Methylnaphthalene	ND	170	76	ug/kg	
91-57-6	2-Methylnaphthalene	ND	170	79	ug/kg	
91-20-3	Naphthalene	ND	170	77	ug/kg	
85-01-8	Phenanthrene	ND	170	58	ug/kg	
129-00-0	Pyrene	ND	170	33	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	81%		15-101%
321-60-8	2-Fluorobiphenyl	85%		15-104%
1718-51-0	Terphenyl-d14	110%		56-123%

(a) All results reported on a wet weight basis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	B-8@15'		
Lab Sample ID:	C25941-16	**Date Sampled:**	01/26/13
Matrix:	SO - Soil	**Date Received:**	01/28/13
Method:	SW846 8015B M SW846 3545A	**Percent Solids:**	n/a [a]
Project:	T10000003424-San Lorenzo, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	GG40985.D	1	01/29/13	LB	01/28/13	OP7406	GGG1084
Run #2							

	Initial Weight	Final Volume
Run #1	10.1 g	1.0 ml
Run #2		

TPH Extractable w/ Silica Gel Cleanup

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (Diesel)	ND	10	5.0	mg/kg	
	TPH (Motor Oil)	15.7	20	10	mg/kg	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	72%		37-122%

(a) All results reported on a wet weight basis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID: B-9@2 1/2'
Lab Sample ID: C25941-17
Matrix: SO - Soil
Method: SW846 8260B
Project: T10000003424-San Lorenzo, CA

Date Sampled: 01/26/13
Date Received: 01/28/13
Percent Solids: n/a [a]

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L22544.D	1	02/05/13	XB	n/a	n/a	VL714
Run #2							

	Initial Weight
Run #1	5.04 g
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	5.0	0.50	ug/kg	
108-88-3	Toluene	ND	5.0	0.50	ug/kg	
100-41-4	Ethylbenzene	ND	5.0	0.50	ug/kg	
1330-20-7	Xylene (total)	ND	9.9	0.99	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	5.0	0.99	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		70-130%
2037-26-5	Toluene-D8	96%		70-130%
460-00-4	4-Bromofluorobenzene	96%		70-130%

(a) All results reported on a wet weight basis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID: B-9@2 1/2'
Lab Sample ID: C25941-17
Matrix: SO - Soil
Method: SW846 8270C SW846 3550B
Project: T10000003424-San Lorenzo, CA

Date Sampled: 01/26/13
Date Received: 01/28/13
Percent Solids: n/a [a]

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [b]	Y18817.D	10	01/30/13	MT	01/29/13	OP7411	EY883
Run #2							

	Initial Weight	Final Volume
Run #1	30.0 g	1.0 ml
Run #2		

BN PAH List

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	ND	1700	730	ug/kg	
208-96-8	Acenaphthylene	ND	1700	780	ug/kg	
120-12-7	Anthracene	ND	1700	540	ug/kg	
56-55-3	Benzo(a)anthracene	ND	1700	330	ug/kg	
50-32-8	Benzo(a)pyrene	ND	1700	330	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	1700	330	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	1700	430	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	1700	330	ug/kg	
218-01-9	Chrysene	ND	1700	330	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	1700	410	ug/kg	
206-44-0	Fluoranthene	ND	1700	330	ug/kg	
86-73-7	Fluorene	ND	1700	720	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	1700	430	ug/kg	
90-12-0	1-Methylnaphthalene	ND	1700	760	ug/kg	
91-57-6	2-Methylnaphthalene	ND	1700	800	ug/kg	
91-20-3	Naphthalene	ND	1700	770	ug/kg	
85-01-8	Phenanthrene	ND	1700	580	ug/kg	
129-00-0	Pyrene	ND	1700	330	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	77%		15-101%
321-60-8	2-Fluorobiphenyl	83%		15-104%
1718-51-0	Terphenyl-d14	99%		56-123%

(a) All results reported on a wet weight basis.
(b) Dilution required due to matrix interference (dark and viscous extract; high concentration of non-target hydrocarbons).

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	B-9@2 1/2'		
Lab Sample ID:	C25941-17	**Date Sampled:**	01/26/13
Matrix:	SO - Soil	**Date Received:**	01/28/13
Method:	SW846 8015B M SW846 3545A	**Percent Solids:**	n/a [a]
Project:	T10000003424-San Lorenzo, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	GG40990.D	3	01/29/13	LB	01/28/13	OP7406	GGG1084
Run #2							

	Initial Weight	Final Volume
Run #1	10.1 g	1.0 ml
Run #2		

TPH Extractable w/ Silica Gel Cleanup

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (Diesel)	ND	30	15	mg/kg	
	TPH (Motor Oil)	138	59	30	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	70%		37-122%

(a) All results reported on a wet weight basis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID: B-9@5'
Lab Sample ID: C25941-18
Matrix: SO - Soil
Method: SW846 8260B
Project: T10000003424-San Lorenzo, CA

Date Sampled: 01/26/13
Date Received: 01/28/13
Percent Solids: n/a [a]

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L22545.D	1	02/05/13	XB	n/a	n/a	VL714
Run #2							

	Initial Weight
Run #1	5.12 g
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	4.9	0.49	ug/kg	
108-88-3	Toluene	ND	4.9	0.49	ug/kg	
100-41-4	Ethylbenzene	ND	4.9	0.49	ug/kg	
1330-20-7	Xylene (total)	ND	9.8	0.98	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	4.9	0.98	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	107%		70-130%
2037-26-5	Toluene-D8	97%		70-130%
460-00-4	4-Bromofluorobenzene	97%		70-130%

(a) All results reported on a wet weight basis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID: B-9@5'
Lab Sample ID: C25941-18
Matrix: SO - Soil
Method: SW846 8270C SW846 3550B
Project: T10000003424-San Lorenzo, CA

Date Sampled: 01/26/13
Date Received: 01/28/13
Percent Solids: n/a [a]

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y18811.D	1	01/30/13	MT	01/29/13	OP7411	EY883
Run #2							

	Initial Weight	Final Volume
Run #1	30.1 g	1.0 ml
Run #2		

BN PAH List

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	ND	170	73	ug/kg	
208-96-8	Acenaphthylene	ND	170	78	ug/kg	
120-12-7	Anthracene	ND	170	54	ug/kg	
56-55-3	Benzo(a)anthracene	ND	170	33	ug/kg	
50-32-8	Benzo(a)pyrene	ND	170	33	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	170	33	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	170	43	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	170	33	ug/kg	
218-01-9	Chrysene	ND	170	33	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	170	41	ug/kg	
206-44-0	Fluoranthene	ND	170	33	ug/kg	
86-73-7	Fluorene	ND	170	72	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	170	43	ug/kg	
90-12-0	1-Methylnaphthalene	ND	170	76	ug/kg	
91-57-6	2-Methylnaphthalene	ND	170	79	ug/kg	
91-20-3	Naphthalene	ND	170	77	ug/kg	
85-01-8	Phenanthrene	ND	170	58	ug/kg	
129-00-0	Pyrene	ND	170	33	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	77%		15-101%
321-60-8	2-Fluorobiphenyl	81%		15-104%
1718-51-0	Terphenyl-d14	111%		56-123%

(a) All results reported on a wet weight basis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	B-9@5'		
Lab Sample ID:	C25941-18	**Date Sampled:**	01/26/13
Matrix:	SO - Soil	**Date Received:**	01/28/13
Method:	SW846 8015B M SW846 3545A	**Percent Solids:**	n/a [a]
Project:	T10000003424-San Lorenzo, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	GG40986.D	1	01/29/13	LB	01/28/13	OP7406	GGG1084
Run #2							

	Initial Weight	Final Volume
Run #1	10.1 g	1.0 ml
Run #2		

TPH Extractable w/ Silica Gel Cleanup

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (Diesel)	ND	9.9	5.0	mg/kg	
	TPH (Motor Oil)	ND	20	9.9	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	65%		37-122%

(a) All results reported on a wet weight basis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	B-9@10'		
Lab Sample ID:	C25941-19	**Date Sampled:**	01/26/13
Matrix:	SO - Soil	**Date Received:**	01/28/13
Method:	SW846 8260B	**Percent Solids:**	n/a [a]
Project:	T10000003424-San Lorenzo, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L22520.D	1	02/04/13	XB	n/a	n/a	VL713
Run #2							

	Initial Weight
Run #1	5.05 g
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	5.0	0.50	ug/kg	
108-88-3	Toluene	ND	5.0	0.50	ug/kg	
100-41-4	Ethylbenzene	ND	5.0	0.50	ug/kg	
1330-20-7	Xylene (total)	ND	9.9	0.99	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	5.0	0.99	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	106%		70-130%
2037-26-5	Toluene-D8	95%		70-130%
460-00-4	4-Bromofluorobenzene	97%		70-130%

(a) All results reported on a wet weight basis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID: B-9@10'
Lab Sample ID: C25941-19
Matrix: SO - Soil
Method: SW846 8270C SW846 3550B
Project: T10000003424-San Lorenzo, CA

Date Sampled: 01/26/13
Date Received: 01/28/13
Percent Solids: n/a [a]

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y18812.D	1	01/30/13	MT	01/29/13	OP7411	EY883
Run #2							

	Initial Weight	Final Volume
Run #1	30.0 g	1.0 ml
Run #2		

BN PAH List

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	ND	170	73	ug/kg	
208-96-8	Acenaphthylene	ND	170	78	ug/kg	
120-12-7	Anthracene	ND	170	54	ug/kg	
56-55-3	Benzo(a)anthracene	ND	170	33	ug/kg	
50-32-8	Benzo(a)pyrene	ND	170	33	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	170	33	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	170	43	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	170	33	ug/kg	
218-01-9	Chrysene	ND	170	33	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	170	41	ug/kg	
206-44-0	Fluoranthene	ND	170	33	ug/kg	
86-73-7	Fluorene	ND	170	72	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	170	43	ug/kg	
90-12-0	1-Methylnaphthalene	ND	170	76	ug/kg	
91-57-6	2-Methylnaphthalene	ND	170	80	ug/kg	
91-20-3	Naphthalene	ND	170	77	ug/kg	
85-01-8	Phenanthrene	ND	170	58	ug/kg	
129-00-0	Pyrene	ND	170	33	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	75%		15-101%
321-60-8	2-Fluorobiphenyl	77%		15-104%
1718-51-0	Terphenyl-d14	108%		56-123%

(a) All results reported on a wet weight basis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	B-9@10'		
Lab Sample ID:	C25941-19	**Date Sampled:**	01/26/13
Matrix:	SO - Soil	**Date Received:**	01/28/13
Method:	SW846 8015B M SW846 3545A	**Percent Solids:**	n/a [a]
Project:	T10000003424-San Lorenzo, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	GG40987.D	1	01/29/13	LB	01/28/13	OP7406	GGG1084
Run #2							

	Initial Weight	Final Volume
Run #1	10.1 g	1.0 ml
Run #2		

TPH Extractable w/ Silica Gel Cleanup

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (Diesel)	ND	9.9	5.0	mg/kg	
	TPH (Motor Oil)	ND	20	9.9	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	60%		37-122%

(a) All results reported on a wet weight basis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	B-9@15'		
Lab Sample ID:	C25941-20	**Date Sampled:**	01/26/13
Matrix:	SO - Soil	**Date Received:**	01/28/13
Method:	SW846 8260B	**Percent Solids:**	n/a [a]
Project:	T10000003424-San Lorenzo, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L22517.D	1	02/04/13	XB	n/a	n/a	VL713
Run #2							

	Initial Weight
Run #1	5.02 g
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	5.0	0.50	ug/kg	
108-88-3	Toluene	ND	5.0	0.50	ug/kg	
100-41-4	Ethylbenzene	ND	5.0	0.50	ug/kg	
1330-20-7	Xylene (total)	ND	10	1.0	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	5.0	1.0	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	106%		70-130%
2037-26-5	Toluene-D8	96%		70-130%
460-00-4	4-Bromofluorobenzene	99%		70-130%

(a) All results reported on a wet weight basis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID: B-9@15'
Lab Sample ID: C25941-20
Matrix: SO - Soil
Method: SW846 8270C SW846 3550B
Project: T10000003424-San Lorenzo, CA

Date Sampled: 01/26/13
Date Received: 01/28/13
Percent Solids: n/a [a]

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y18783.D	1	01/30/13	MT	01/29/13	OP7411	EY882
Run #2							

	Initial Weight	Final Volume
Run #1	30.0 g	1.0 ml
Run #2		

BN PAH List

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	ND	170	73	ug/kg	
208-96-8	Acenaphthylene	ND	170	78	ug/kg	
120-12-7	Anthracene	ND	170	54	ug/kg	
56-55-3	Benzo(a)anthracene	ND	170	33	ug/kg	
50-32-8	Benzo(a)pyrene	ND	170	33	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	170	33	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	170	43	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	170	33	ug/kg	
218-01-9	Chrysene	ND	170	33	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	170	41	ug/kg	
206-44-0	Fluoranthene	ND	170	33	ug/kg	
86-73-7	Fluorene	ND	170	72	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	170	43	ug/kg	
90-12-0	1-Methylnaphthalene	ND	170	76	ug/kg	
91-57-6	2-Methylnaphthalene	ND	170	80	ug/kg	
91-20-3	Naphthalene	ND	170	77	ug/kg	
85-01-8	Phenanthrene	ND	170	58	ug/kg	
129-00-0	Pyrene	ND	170	33	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	77%		15-101%
321-60-8	2-Fluorobiphenyl	80%		15-104%
1718-51-0	Terphenyl-d14	110%		56-123%

(a) All results reported on a wet weight basis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	B-9@15'		
Lab Sample ID:	C25941-20	**Date Sampled:**	01/26/13
Matrix:	SO - Soil	**Date Received:**	01/28/13
Method:	SW846 8015B M SW846 3545A	**Percent Solids:**	n/a [a]
Project:	T10000003424-San Lorenzo, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	GG40988.D	1	01/29/13	LB	01/28/13	OP7406	GGG1084
Run #2							

	Initial Weight	Final Volume
Run #1	10.1 g	1.0 ml
Run #2		

TPH Extractable w/ Silica Gel Cleanup

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (Diesel)	ND	9.9	5.0	mg/kg	
	TPH (Motor Oil)	ND	20	9.9	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	59%		37-122%

(a) All results reported on a wet weight basis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Northern California ACCUTEST LABORATORIES

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

CHAIN OF CUSTODY

ACCUTEST LABORATORIES
2105 Lundy Ave, San Jose, CA 95131
(408) 588-0200 FAX: (408) 588-0201

EQUOCAMS4414

FED-EX Tracking #: | Bottle Order Control #:
Accutest Quote #: | Accutest NC Job #: C C25941

Client / Reporting Information

Company Name: EquoLogic
Address: 1095 Brahman Ln.
City: San Jose State: CA Zip:
Project Contact: Lee Dooley
Phone #: (408) 656-2505
Samplers's Name: Lee Dooley

Project Information

Project Name: San Lorenzo High School
Street: 50 Lewellyn
City: San Lorenzo State: CA
Project #:
EMAIL: LDooley@equologicgroup.com
Client Purchase Order #:

Requested Analysis

Accutest Sample ID	Sample ID / Field Point / Point of Collection	Collection: Date	Time	Sampled by	Matrix	# of bottles	Preserved: HCl	NaOH	HNO3	H2SO4	NONE	NaHSO4	MEOH	DI/DOSE	* TPH-d / TPH-mo (8015)	BTEX (8260B)	MTBE (8260B)	PAHs (8270)
-1	B-5 @ 5'	1/24/13		LD	S	1					X				X	X	X	X
-2	B-5 @ 15'	↓		↓	↓	↓					↓				↓	↓	↓	↓
-3	B-5 @ 20'																	
-4	B-5 @ 25'										4							
-5	B-6 @ 2½'																	
-6	B-6 @ 5'																	
-7	B-6 @ 10																	
-8	B-6 @ 15																	
-9	B-7 @ 2½																	
-10	B-7 @ 5														↓	↓	↓	↓

Matrix Codes: WW- Wastewater; GW- Ground Water; SW- Surface Water; SO- Soil; OI-Oil; WP-Wipe; LIQ - Non-aqueous Liquid; AIR; DW- Drinking Water (Perchlorate Only)

LAB USE ONLY

Turnaround Time (Business days)

Approved By:/ Date:

- [x] 10 Day
- [ ] 5 Day
- [ ] 3 Day (125% markup)
- [ ] 2 Day (150% markup)
- [ ] 1 Day (200% markup)
- [ ] Same Day (300% markup)

Emergency T/A data available VIA Lablink

Data Deliverable Information

- [ ] Commercial "A" - Results only
- [ ] Commercial "B" - Results with QC summaries
- [x] Commerical "B+" - Results, QC, and chromatograms
- [ ] FULT1 - Level 4 data package
- [ ] EDF for Geotracker [ ] EDD Format
- Provide EDF Global ID:
- Provide EDF Logcode:

Comments / Remarks

* indicate pattern for heating oil if present

Sample Custody must be documented below each time samples change possession, including courier delivery.

	Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1	R Lee Dooley	12:50 01/28/13	1 L. Stephens	2		2
3	Relinquished by:	Date Time:	Received By: 3	Relinquished By: 4	Date Time:	Received By: 4
5	Relinquished by:	Date Time:	Received By: 5	Custody Seal #		

Appropriate Bottle / Pres Y/N | Headspace Y/N NA | On Ice Y/N | Cooler Temp. 5.6 °C
Labels match Coc? Y N | Separate Receiving Check List used Y N

1 of 2

C25941: Chain of Custody
Page 1 of 3

CHAIN OF CUSTODY

ACCUTEST LABORATORIES
2105 Lundy Ave, San Jose, CA 95131
(408) 588-0200 FAX: (408) 588-0201

FED-EX Tracking #: | Bottle Order Control #:
Accutest Quote #: | Accutest NC Job #: C C25941

Client / Reporting Information

Company Name: Equa Logic
Address: 1095 Brachman Lane
City: San Jose State: CA Zip:
Project Contact: Lee Dooley
Phone #: 408 656-2505
Samplers's Name: Lee Dooley

Project Information

Project Name: San Lorenzo Hgh School
Street:
City: State:
Project #:
EMAIL:
Client Purchase Order #:

Requested Analysis

Accutest Sample ID	Sample ID / Field Point / Point of Collection	Collection: Date	Time	Sampled by	Matrix	# of bottles	Number of preserved Bottles: HCl	NaOH	HNO3	H2SO4	NONE	NaHSO4	MEOH	DI/DCDPE	TPH-d / TPH-mo (8015) *	BTEX (8260)	MTBE (8260)	PAH's (8270)
-11	B-7 @ 10	1/24/13		LD	SO	1					X							
-12	B-7 @ 15																	
-13	B-8 @ 2½																	
-14	B-8 @ 5																	
-15	B-8 @ 10																	
-16	B-8 @ 15																	
-17	B-9 @ 2½																	
-18	B-9 @ 5'																	
-19	B-9 @ 10																	
-20	B-9 @ 15																	

Matrix Codes: WW- Wastewater; GW- Ground Water; SW- Surface Water; SO- Soil; OI-Oil; WP-Wipe; LIQ - Non-aqueous Liquid; AIR; DW- Drinking Water (Perchlorate Only)

LAB USE ONLY

Turnaround Time (Business days)

Approved By:/ Date:

- [x] 10 Day
- [ ] 5 Day
- [ ] 3 Day (125% markup)
- [ ] 2 Day (150% markup)
- [ ] 1 Day (200% markup)
- [ ] Same Day (300% markup)

Emergency T/A data available VIA Lablink

Data Deliverable Information

- [ ] Commercial "A" - Results only
- [x] Commercial "B" - Results with QC summaries
- [ ] Commerical "B+" - Results, QC, and chromatograms
- [ ] FULT1 - Level 4 data package
- [ ] EDF for Geotracker [ ] EDD Format
- Provide EDF Global ID:
- Provide EDF Logcode:

Comments / Remarks

* Indicate pattern for heating oil if present

Sample Custody must be documented below each time samples change possession, including courier delivery.

	Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1		01/28/13 12:50	1	2		2
3			3	4		4
5			5			

Custody Seal #:
Appropriate Bottle / Pres. Y / N
Labels match Coc? Y / N
Headspace Y / N
On Ice (Y) N
Separate Receiving Check List used: Y / N
Cooler Temp: 5.6 °C

2 of 2

C25941: Chain of Custody
Page 2 of 3

Accutest Laboratories Sample Receipt Summary

Accutest Job Number: C25941 **Client:** EQUO LOGIC **Project:** SAN LORENZO HIGH SCHOOL

Date / Time Received: 1/28/2013 **Delivery Method:** Client **Airbill #'s:**

Cooler Temps (Initial/Adjusted): #1: (5.6/5.6); 0

Cooler Security	Y	or	N		Y	or	N
1. Custody Seals Present:	☐		☑	3. COC Present:	☑		☐
2. Custody Seals Intact:	☐		☐	4. Smpl Dates/Time OK	☑		☐

Cooler Temperature	Y	or	N
1. Temp criteria achieved:	☑		☐
2. Cooler temp verification:	IR Gun		
3. Cooler media:	Ice (Bag)		
4. No. Coolers:	1		

Quality Control Preservation	Y	or	N	N/A
1. Trip Blank present / cooler:	☐		☐	☑
2. Trip Blank listed on COC:	☐		☐	☑
3. Samples preserved properly:	☐		☐	
4. VOCs headspace free:	☐		☐	☑

Sample Integrity - Documentation	Y	or	N
1. Sample labels present on bottles:	☑		☐
2. Container labeling complete:	☐		☑
3. Sample container label / COC agree:	☑		☐

Sample Integrity - Condition	Y	or	N
1. Sample recvd within HT:	☑		☐
2. All containers accounted for:	☑		☐
3. Condition of sample:	Intact		

Sample Integrity - Instructions	Y	or	N	N/A
1. Analysis requested is clear:	☑		☐	
2. Bottles received for unspecified tests	☐		☑	
3. Sufficient volume recvd for analysis:	☑		☐	
4. Compositing instructions clear:	☐		☐	☑
5. Filtering instructions clear:	☐		☐	☑

Comments Sampling time not listed on COC nor on sample containers.

Accutest Laboratories
V:408.588.0200
2105 Lundy Avenue
F: 408.588.0201
San Jose, CA 95131
www/accutest.com

C25941: Chain of Custody
Page 3 of 3

Northern California ACCUTEST LABORATORIES

GC/MS Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: C25941
Account: EQUOCAMS EquoLogic
Project: T10000003424-San Lorenzo, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VL712-MB	L22472.D	1	02/02/13	XB	n/a	n/a	VL712

The QC reported here applies to the following samples: **Method:** SW846 8260B

C25941-1, C25941-2, C25941-3, C25941-4, C25941-5, C25941-6, C25941-7, C25941-8, C25941-9, C25941-10, C25941-11, C25941-12, C25941-13, C25941-14

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	5.0	0.50	ug/kg	
100-41-4	Ethylbenzene	ND	5.0	0.50	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	5.0	1.0	ug/kg	
108-88-3	Toluene	ND	5.0	0.50	ug/kg	
1330-20-7	Xylene (total)	ND	10	1.0	ug/kg	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	95%	70-130%
2037-26-5	Toluene-D8	97%	70-130%
460-00-4	4-Bromofluorobenzene	94%	70-130%

Method Blank Summary

Job Number: C25941
Account: EQUOCAMS EquoLogic
Project: T10000003424-San Lorenzo, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VL713-MB2	L22511.D	1	02/04/13	XB	n/a	n/a	VL713

The QC reported here applies to the following samples: **Method:** SW846 8260B

C25941-19, C25941-20

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	5.0	0.50	ug/kg	
100-41-4	Ethylbenzene	ND	5.0	0.50	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	5.0	1.0	ug/kg	
108-88-3	Toluene	ND	5.0	0.50	ug/kg	
1330-20-7	Xylene (total)	ND	10	1.0	ug/kg	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	100%	70-130%
2037-26-5	Toluene-D8	96%	70-130%
460-00-4	4-Bromofluorobenzene	95%	70-130%

Method Blank Summary

Job Number: C25941
Account: EQUOCAMS EquoLogic
Project: T10000003424-San Lorenzo, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VL714-MB	L22541.D	1	02/05/13	XB	n/a	n/a	VL714

The QC reported here applies to the following samples: **Method:** SW846 8260B

C25941-15, C25941-16, C25941-17, C25941-18

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	5.0	0.50	ug/kg	
100-41-4	Ethylbenzene	ND	5.0	0.50	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	5.0	1.0	ug/kg	
108-88-3	Toluene	ND	5.0	0.50	ug/kg	
1330-20-7	Xylene (total)	ND	10	1.0	ug/kg	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	99%	70-130%
2037-26-5	Toluene-D8	98%	70-130%
460-00-4	4-Bromofluorobenzene	94%	70-130%

Method Blank Summary

Job Number: C25941
Account: EQUOCAMS EquoLogic
Project: T10000003424-San Lorenzo, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VL713-MB	L22502.D	1	02/04/13	XB	n/a	n/a	VL713

The QC reported here applies to the following samples: **Method:** SW846 8260B

VL713-BSD, VL713-BS, VL713-LCS

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	5.0	0.50	ug/kg	
100-41-4	Ethylbenzene	ND	5.0	0.50	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	5.0	1.0	ug/kg	
108-88-3	Toluene	ND	5.0	0.50	ug/kg	
1330-20-7	Xylene (total)	ND	10	1.0	ug/kg	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	99%	70-130%
2037-26-5	Toluene-D8	98%	70-130%
460-00-4	4-Bromofluorobenzene	94%	70-130%

Blank Spike/Blank Spike Duplicate Summary

Job Number: C25941
Account: EQUOCAMS EquoLogic
Project: T10000003424-San Lorenzo, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VL712-BS	L22469.D	1	02/02/13	XB	n/a	n/a	VL712
VL712-BSD	L22470.D	1	02/02/13	XB	n/a	n/a	VL712

The QC reported here applies to the following samples: **Method:** SW846 8260B

C25941-1, C25941-2, C25941-3, C25941-4, C25941-5, C25941-6, C25941-7, C25941-8, C25941-9, C25941-10, C25941-11, C25941-12, C25941-13, C25941-14

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	BSD ug/kg	BSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	40	40.6	102	41.0	103	1	81-119/20
100-41-4	Ethylbenzene	40	40.3	101	41.4	104	3	80-119/21
1634-04-4	Methyl Tert Butyl Ether	40	40.5	101	39.5	99	3	79-127/19
108-88-3	Toluene	40	40.7	102	41.7	104	2	80-117/21
1330-20-7	Xylene (total)	120	113	94	116	97	3	81-122/22

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
1868-53-7	Dibromofluoromethane	97%	98%	70-130%
2037-26-5	Toluene-D8	99%	100%	70-130%
460-00-4	4-Bromofluorobenzene	98%	98%	70-130%

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Job Number: C25941
Account: EQUOCAMS EquoLogic
Project: T10000003424-San Lorenzo, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VL713-BS	L22499.D	1	02/04/13	XB	n/a	n/a	VL713
VL713-BSD	L22500.D	1	02/04/13	XB	n/a	n/a	VL713

The QC reported here applies to the following samples: **Method:** SW846 8260B

C25941-19, C25941-20

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	BSD ug/kg	BSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	40	39.3	98	40.3	101	3	81-119/20
100-41-4	Ethylbenzene	40	38.0	95	39.8	100	5	80-119/21
1634-04-4	Methyl Tert Butyl Ether	40	41.2	103	39.6	99	4	79-127/19
108-88-3	Toluene	40	38.2	96	39.3	98	3	80-117/21
1330-20-7	Xylene (total)	120	108	90	111	93	3	81-122/22

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
1868-53-7	Dibromofluoromethane	104%	101%	70-130%
2037-26-5	Toluene-D8	97%	99%	70-130%
460-00-4	4-Bromofluorobenzene	100%	98%	70-130%

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Job Number: C25941
Account: EQUOCAMS EquoLogic
Project: T10000003424-San Lorenzo, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VL714-BS	L22538.D	1	02/05/13	XB	n/a	n/a	VL714
VL714-BSD	L22539.D	1	02/05/13	XB	n/a	n/a	VL714

The QC reported here applies to the following samples: **Method:** SW846 8260B

C25941-15, C25941-16, C25941-17, C25941-18

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	BSD ug/kg	BSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	40	41.8	105	41.8	105	0	81-119/20
100-41-4	Ethylbenzene	40	41.1	103	40.2	101	2	80-119/21
1634-04-4	Methyl Tert Butyl Ether	40	42.1	105	43.5	109	3	79-127/19
108-88-3	Toluene	40	41.0	103	40.4	101	1	80-117/21
1330-20-7	Xylene (total)	120	115	96	113	94	2	81-122/22

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
1868-53-7	Dibromofluoromethane	102%	102%	70-130%
2037-26-5	Toluene-D8	98%	97%	70-130%
460-00-4	4-Bromofluorobenzene	99%	101%	70-130%

* = Outside of Control Limits.

Laboratory Control Sample Summary

Job Number: C25941
Account: EQUOCAMS EquoLogic
Project: T10000003424-San Lorenzo, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VL713-LCS	L22501.D	1	02/04/13	XB	n/a	n/a	VL713

The QC reported here applies to the following samples: **Method:** SW846 8260B

C25941-19, C25941-20

CAS No.	Compound	Spike ug/kg	LCS ug/kg	LCS %	Limits

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	98%	70-130%
2037-26-5	Toluene-D8	97%	70-130%
460-00-4	4-Bromofluorobenzene	96%	70-130%

* = Outside of Control Limits.

Laboratory Control Sample Summary

Job Number: C25941
Account: EQUOCAMS EquoLogic
Project: T10000003424-San Lorenzo, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VL714-LCS	L22540.D	1	02/05/13	XB	n/a	n/a	VL714

The QC reported here applies to the following samples: **Method:** SW846 8260B

C25941-15, C25941-16, C25941-17, C25941-18

CAS No.	Compound	Spike ug/kg	LCS ug/kg	LCS %	Limits

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	101%	70-130%
2037-26-5	Toluene-D8	98%	70-130%
460-00-4	4-Bromofluorobenzene	97%	70-130%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: C25941
Account: EQUOCAMS EquoLogic
Project: T10000003424-San Lorenzo, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
C26001-1MS	L22479.D	1	02/02/13	XB	n/a	n/a	VL712
C26001-1MSD	L22480.D	1	02/02/13	XB	n/a	n/a	VL712
C26001-1	L22473.D	1	02/02/13	XB	n/a	n/a	VL712

The QC reported here applies to the following samples: **Method:** SW846 8260B

C25941-1, C25941-2, C25941-3, C25941-4, C25941-5, C25941-6, C25941-7, C25941-8, C25941-9, C25941-10, C25941-11, C25941-12, C25941-13, C25941-14

CAS No.	Compound	C26001-1 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND		39.8	36.7	92	33.7	86	9	81-119/20
100-41-4	Ethylbenzene	ND		39.8	36.0	91	32.2	82	11	80-119/21
1634-04-4	Methyl Tert Butyl Ether	ND		39.8	43.1	108	39.3	101	9	79-127/19
108-88-3	Toluene	ND		39.8	36.3	91	32.8	84	10	80-117/21
1330-20-7	Xylene (total)	ND		119	106	89	95.2	81	11	81-122/22

CAS No.	Surrogate Recoveries	MS	MSD	C26001-1	Limits
1868-53-7	Dibromofluoromethane	105%	103%	98%	70-130%
2037-26-5	Toluene-D8	97%	96%	98%	70-130%
460-00-4	4-Bromofluorobenzene	101%	99%	96%	70-130%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: C25941
Account: EQUOCAMS EquoLogic
Project: T10000003424-San Lorenzo, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
C25941-20MS	L22518.D	1	02/04/13	XB	n/a	n/a	VL713
C25941-20MSD	L22519.D	1	02/04/13	XB	n/a	n/a	VL713
C25941-20	L22517.D	1	02/04/13	XB	n/a	n/a	VL713

The QC reported here applies to the following samples: **Method:** SW846 8260B

C25941-19, C25941-20

CAS No.	Compound	C25941-20 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND		39.5	35.3	89	35.1	88	1	81-119/20
100-41-4	Ethylbenzene	ND		39.5	33.8	86	33.3	84	1	80-119/21
1634-04-4	Methyl Tert Butyl Ether	ND		39.5	39.5	100	40.7	102	3	79-127/19
108-88-3	Toluene	ND		39.5	33.5	85	33.4	84	0	80-117/21
1330-20-7	Xylene (total)	ND		119	99.5	84	98.2	82	1	81-122/22

CAS No.	Surrogate Recoveries	MS	MSD	C25941-20	Limits
1868-53-7	Dibromofluoromethane	104%	109%	106%	70-130%
2037-26-5	Toluene-D8	97%	97%	96%	70-130%
460-00-4	4-Bromofluorobenzene	101%	101%	99%	70-130%

* = Outside of Control Limits.

Northern California ACCUTEST LABORATORIES

GC/MS Volatiles

Raw Data

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\L130202\
Data File : L22476.D
Acq On : 2 Feb 2013 2:44 pm
Operator : XINGB
Sample : C25941-1
Misc : MS1656,VL712,5.03,,,,1
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Feb 04 07:58:17 2013
Quant Method : C:\msdchem\1\METHODS\VL702S.M
Quant Title : EPA -8260B
QLast Update : Fri Jan 25 08:45:18 2013
Response via : Initial Calibration

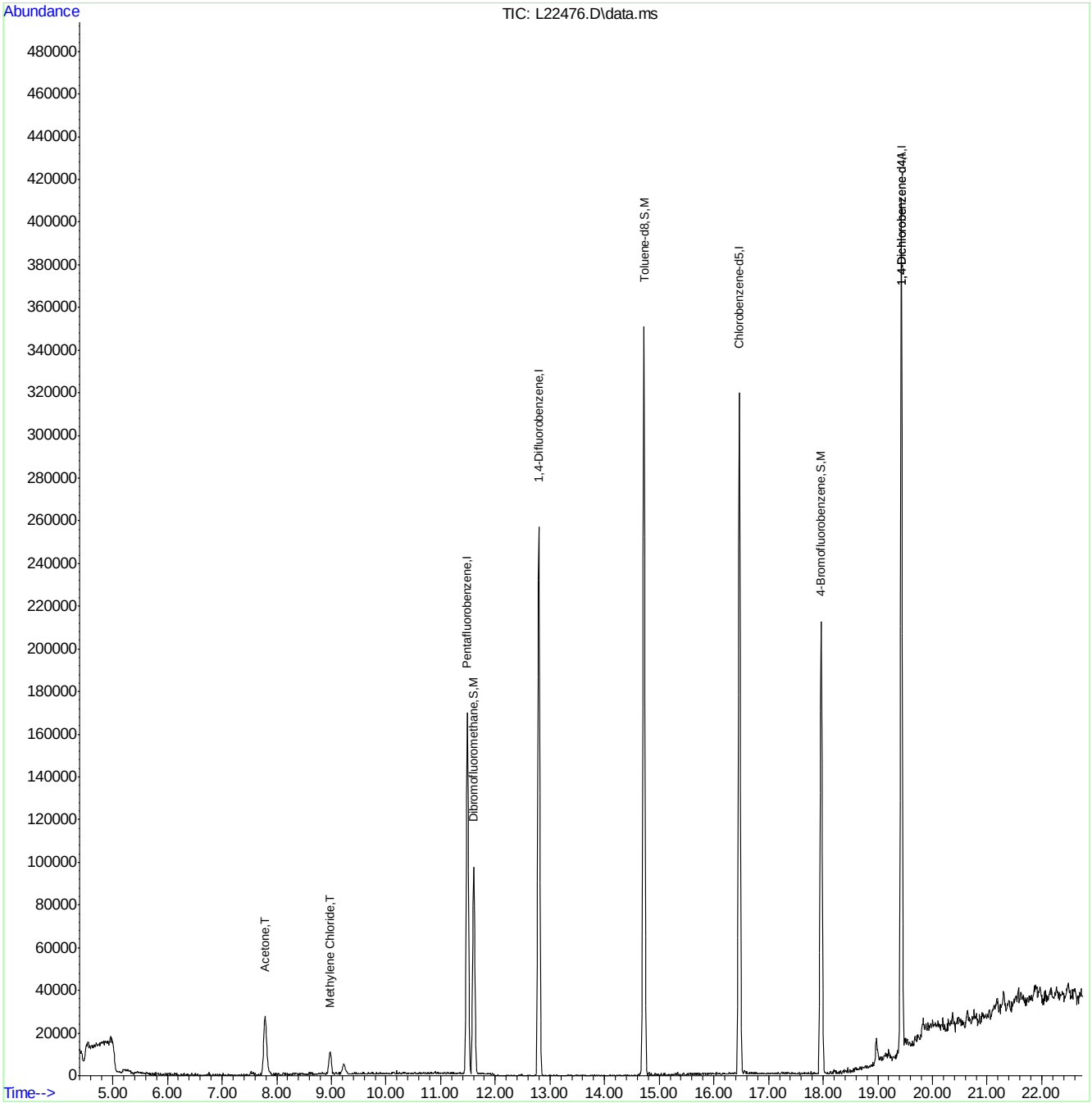
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	11.486	168	1647583	20.00	ug/Kg	0.00
38) 1,4-Difluorobenzene	12.795	114	2835107	20.00	ug/Kg	0.00
52) Chlorobenzene-d5	16.467	117	2406346	20.00	ug/Kg	0.00
74) 1,4-Dichlorobenzene-d4	19.430	152	1241987	20.00	ug/Kg	0.00
95) 1,4-Dichlorobenzene-d4A	19.430	152	1241987	20.00	ug/Kg	-0.02
System Monitoring Compounds						
34) Dibromofluoromethane	11.606	111	889584	20.29	ug/Kg	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 101.45%			
53) Toluene-d8	14.721	98	3215756	19.73	ug/Kg	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 98.65%			
71) 4-Bromofluorobenzene	17.957	95	1220096	19.37	ug/Kg	-0.01
Spiked Amount 20.000	Range 70 - 130		Recovery = 96.85%			
Target Compounds						Qvalue
10) Acetone	7.781	58	199652	33.43	ug/Kg	97
18) Methylene Chloride	8.981	84	83952	1.29	ug/Kg	96
96) TPH-GRO (C6-C10)	13.747	TIC	-138175m	Below Cal		

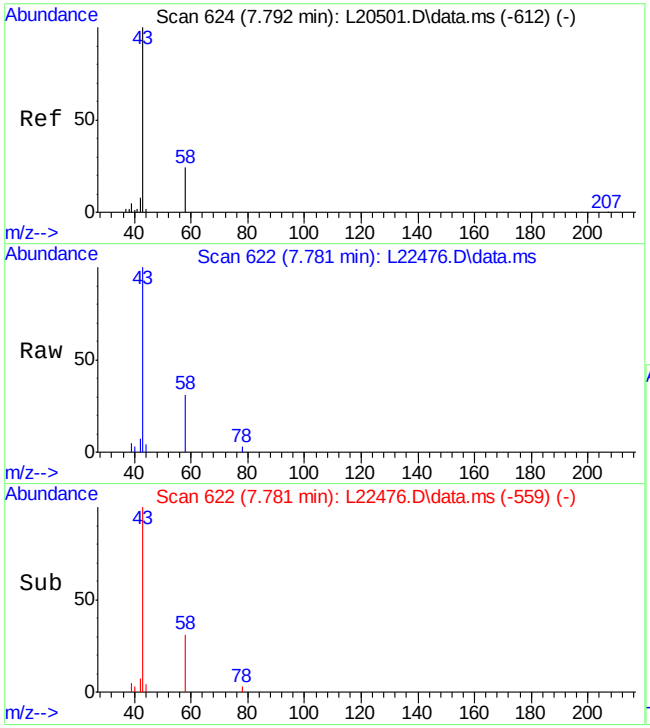
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\L130202\
Data File : L22476.D
Acq On : 2 Feb 2013 2:44 pm
Operator : XINGB
Sample : C25941-1
Misc : MS1656,VL712,5.03,,,,1
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Feb 04 07:58:17 2013
Quant Method : C:\msdchem\1\METHODS\VL702S.M
Quant Title : EPA -8260B
QLast Update : Fri Jan 25 08:45:18 2013
Response via : Initial Calibration

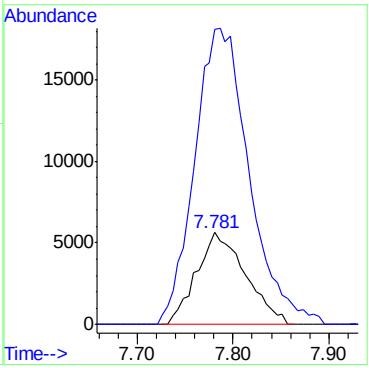


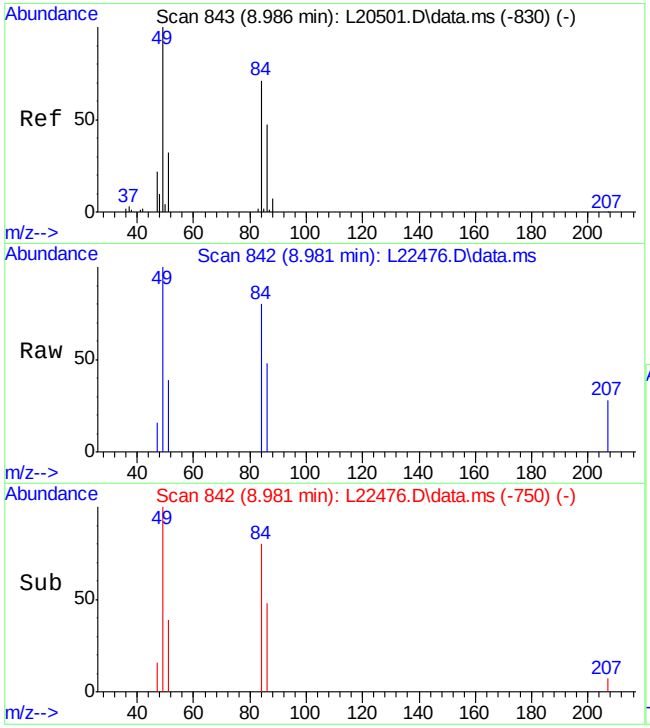


#10
Acetone
Concen: 33.43 ug/Kg
RT: 7.781 min Scan# 622
Delta R.T. -0.005 min
Lab File: L22476.D
Acq: 2 Feb 2013 2:44 pm

Tgt Ion: 58 Resp: 199652

Ion	Ratio	Lower	Upper
58	100		
43	360.3	334.6	374.6

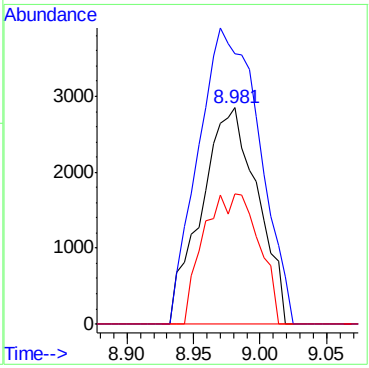


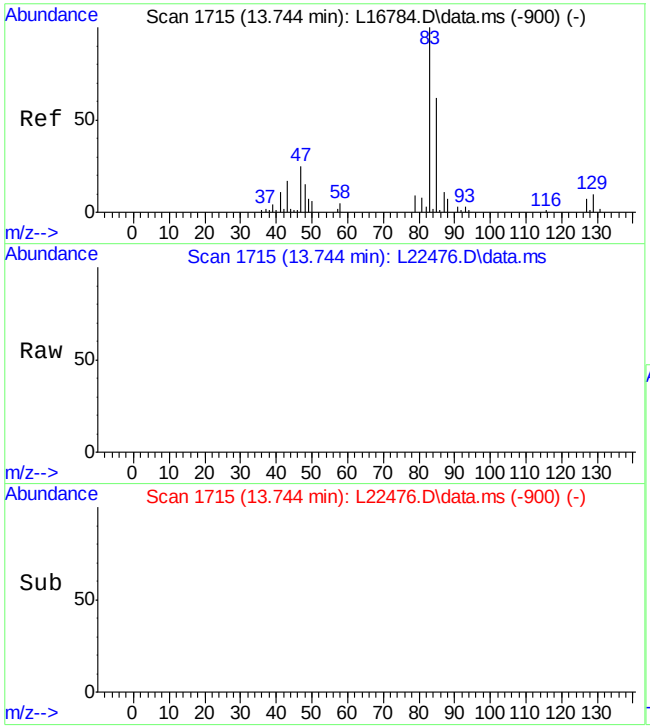


#18
Methylene Chloride
Concen: 1.29 ug/Kg
RT: 8.981 min Scan# 842
Delta R.T. -0.000 min
Lab File: L22476.D
Acq: 2 Feb 2013 2:44 pm

Tgt Ion: 84 Resp: 83952

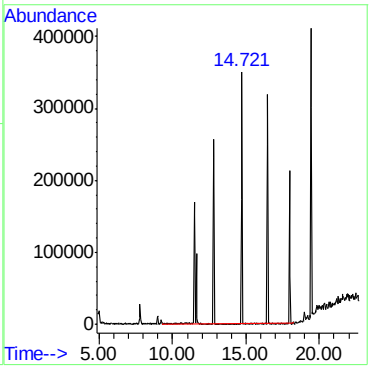
Ion	Ratio	Lower	Upper
84	100		
49	149.3	125.6	165.6
86	59.1	43.6	83.6





#96
TPH-GRO (C6-C10)
Concen: Below Cal m
RT: 13.747 min Scan# 1715
Delta R.T. 0.000 min
Lab File: L22476.D
Acq: 2 Feb 2013 2:44 pm

Tgt Ion:TIC Resp: -138175



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\L130202\
Data File : L22477.D
Acq On : 2 Feb 2013 3:13 pm
Operator : XINGB
Sample : C25941-2
Misc : MS1656,VL712,5.08,,,,1
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Feb 04 07:59:18 2013
Quant Method : C:\msdchem\1\METHODS\VL702S.M
Quant Title : EPA -8260B
QLast Update : Fri Jan 25 08:45:18 2013
Response via : Initial Calibration

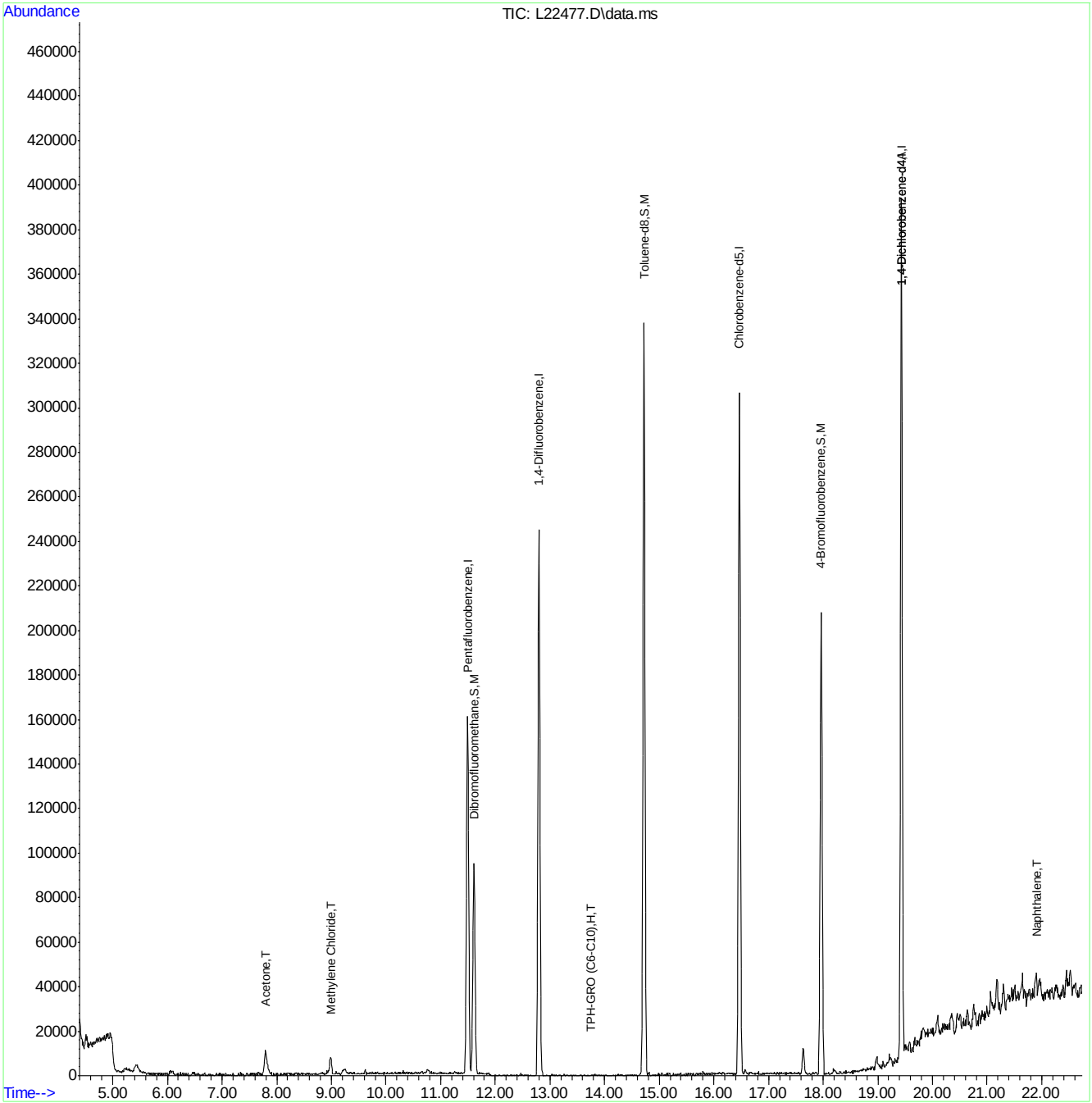
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	11.491	168	1594085	20.00	ug/Kg	0.00
38) 1,4-Difluorobenzene	12.801	114	2705588	20.00	ug/Kg	0.00
52) Chlorobenzene-d5	16.467	117	2323512	20.00	ug/Kg	0.00
74) 1,4-Dichlorobenzene-d4	19.430	152	1171192	20.00	ug/Kg	0.00
95) 1,4-Dichlorobenzene-d4A	19.430	152	1171192	20.00	ug/Kg	-0.02
System Monitoring Compounds						
34) Dibromofluoromethane	11.611	111	861828	20.32	ug/Kg	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 101.60%			
53) Toluene-d8	14.721	98	3063623	19.47	ug/Kg	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 97.35%			
71) 4-Bromofluorobenzene	17.962	95	1158428	19.05	ug/Kg	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 95.25%			
Target Compounds						Qvalue
10) Acetone	7.797	58	79317	13.72	ug/Kg	95
18) Methylene Chloride	8.992	84	55068	0.87	ug/Kg	93
93) Naphthalene	21.907	128	105971	0.55	ug/Kg	100
96) TPH-GRO (C6-C10)	13.747	TIC	194072m	0.82	ug/Kg	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

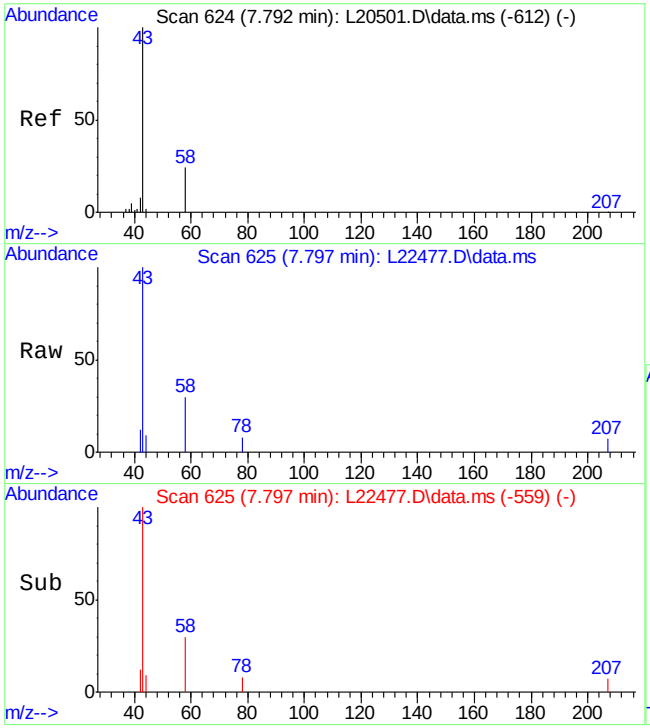
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\L130202\
Data File : L22477.D
Acq On : 2 Feb 2013 3:13 pm
Operator : XINGB
Sample : C25941-2
Misc : MS1656,VL712,5.08,,,,1
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Feb 04 07:59:18 2013
Quant Method : C:\msdchem\1\METHODS\VL702S.M
Quant Title : EPA -8260B
QLast Update : Fri Jan 25 08:45:18 2013
Response via : Initial Calibration



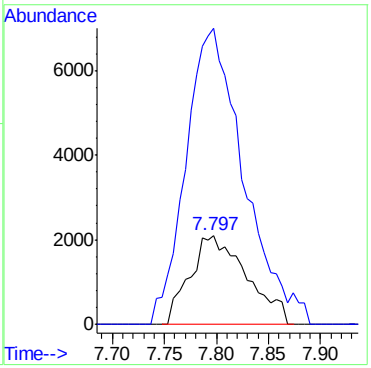
VL702S.M Mon Feb 04 08:10:12 2013 Page: 2

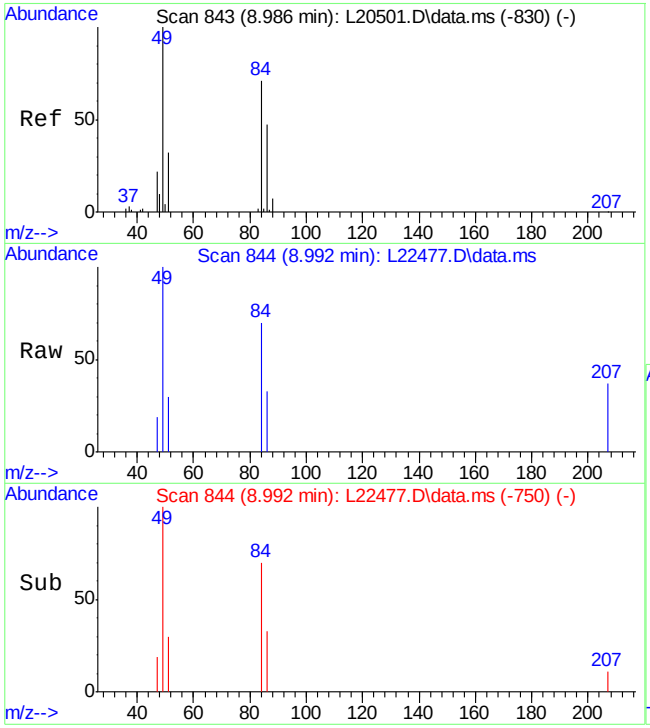


#10
Acetone
Concen: 13.72 ug/Kg
RT: 7.797 min Scan# 625
Delta R.T. 0.011 min
Lab File: L22477.D
Acq: 2 Feb 2013 3:13 pm

Tgt Ion: 58 Resp: 79317

Ion	Ratio	Lower	Upper
58	100		
43	343.0	334.6	374.6

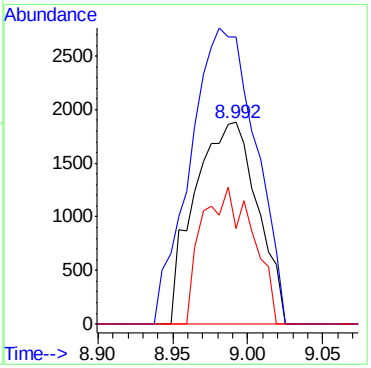


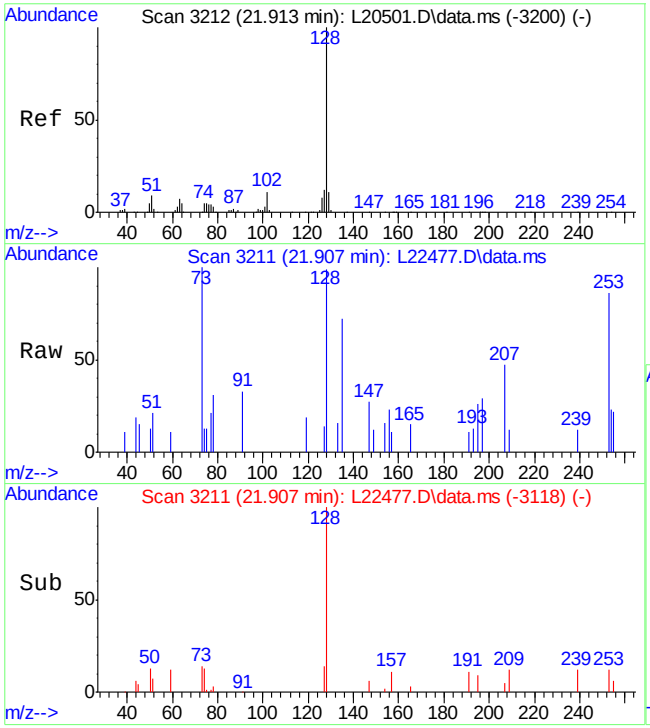


#18
Methylene Chloride
Concen: 0.87 ug/Kg
RT: 8.992 min Scan# 844
Delta R.T. 0.011 min
Lab File: L22477.D
Acq: 2 Feb 2013 3:13 pm

Tgt Ion: 84 Resp: 55068

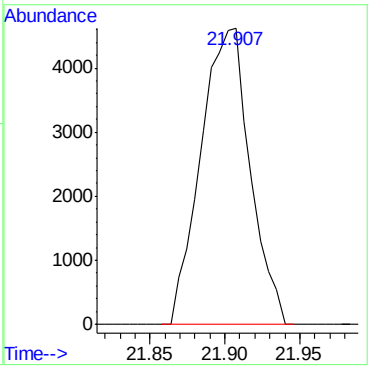
Ion	Ratio	Lower	Upper
84	100		
49	152.2	125.6	165.6
86	54.9	43.6	83.6

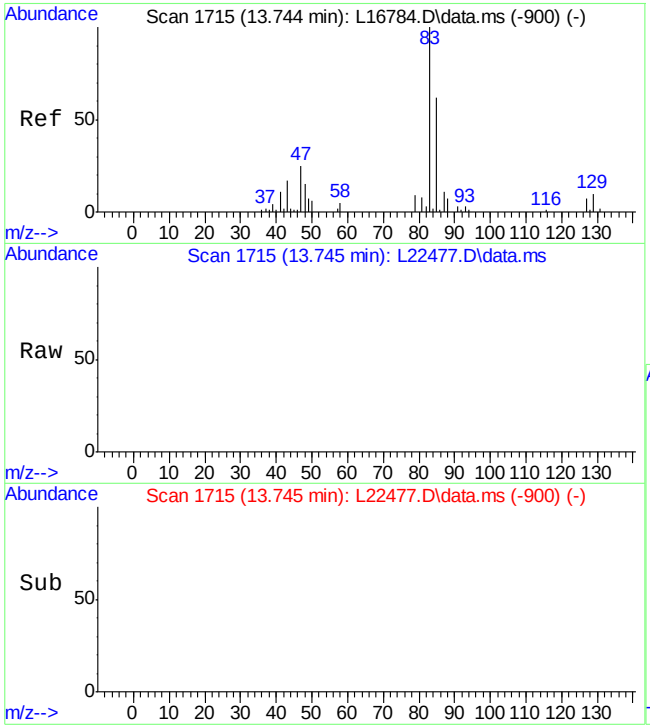




#93
Naphthalene
Concen: 0.55 ug/Kg
RT: 21.907 min Scan# 3211
Delta R.T. 0.005 min
Lab File: L22477.D
Acq: 2 Feb 2013 3:13 pm

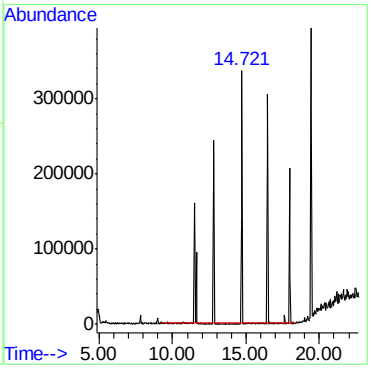
Tgt Ion:128 Resp: 105971





#96
TPH-GRO (C6-C10)
Concen: 0.82 ug/Kg m
RT: 13.747 min Scan# 1715
Delta R.T. 0.000 min
Lab File: L22477.D
Acq: 2 Feb 2013 3:13 pm

Tgt Ion:TIC Resp: 194072



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\L130202\
Data File : L22478.D
Acq On : 2 Feb 2013 3:42 pm
Operator : XINGB
Sample : C25941-3
Misc : MS1656,VL712,5.08,,,,1
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Feb 04 07:37:30 2013
Quant Method : C:\msdchem\1\METHODS\VL702S.M
Quant Title : EPA -8260B
QLast Update : Fri Jan 25 08:45:18 2013
Response via : Initial Calibration

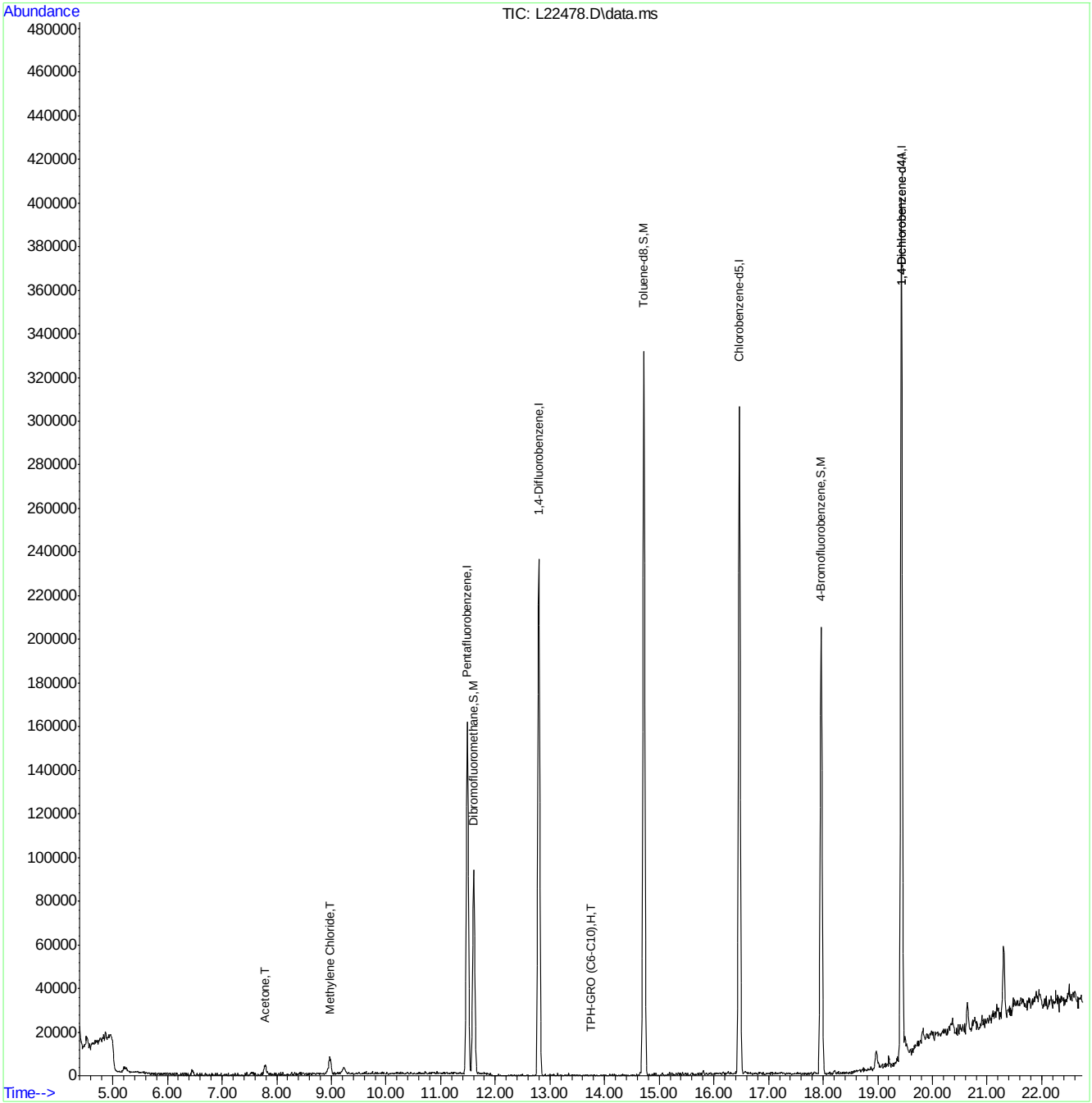
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	11.485	168	1550010	20.00	ug/Kg	0.00
38) 1,4-Difluorobenzene	12.795	114	2641147	20.00	ug/Kg	0.00
52) Chlorobenzene-d5	16.467	117	2291723	20.00	ug/Kg	0.00
74) 1,4-Dichlorobenzene-d4	19.430	152	1179128	20.00	ug/Kg	0.00
95) 1,4-Dichlorobenzene-d4A	19.430	152	1179128	20.00	ug/Kg	-0.02
System Monitoring Compounds						
34) Dibromofluoromethane	11.605	111	847426	20.54	ug/Kg	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 102.70%			
53) Toluene-d8	14.716	98	3023838	19.48	ug/Kg	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 97.40%			
71) 4-Bromofluorobenzene	17.957	95	1165300	19.43	ug/Kg	-0.01
Spiked Amount 20.000	Range 70 - 130		Recovery = 97.15%			
Target Compounds						Qvalue
10) Acetone	7.786	58	25402	4.52	ug/Kg#	50
18) Methylene Chloride	8.970	84	46641	0.76	ug/Kg	94
96) TPH-GRO (C6-C10)	13.747	TIC	214967m	0.90	ug/Kg	

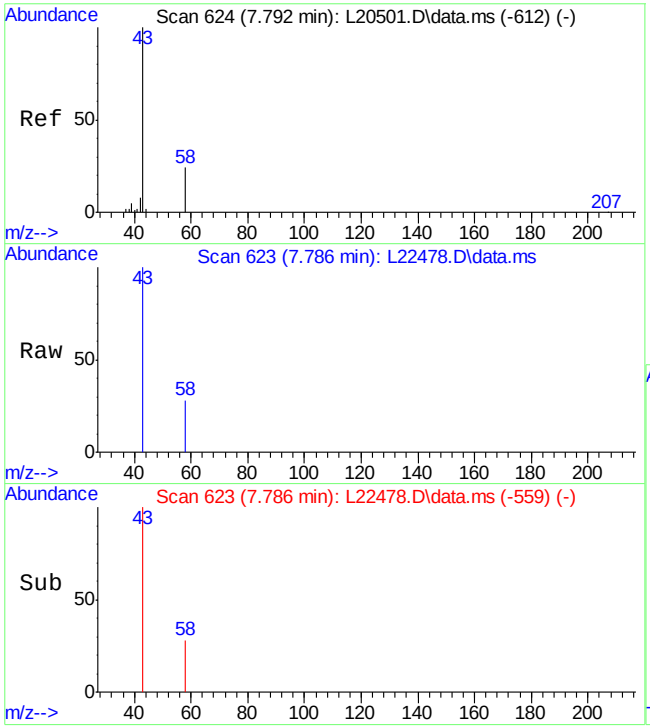
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\L130202\
Data File : L22478.D
Acq On : 2 Feb 2013 3:42 pm
Operator : XINGB
Sample : C25941-3
Misc : MS1656,VL712,5.08,,,,1
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Feb 04 07:37:30 2013
Quant Method : C:\msdchem\1\METHODS\VL702S.M
Quant Title : EPA -8260B
QLast Update : Fri Jan 25 08:45:18 2013
Response via : Initial Calibration

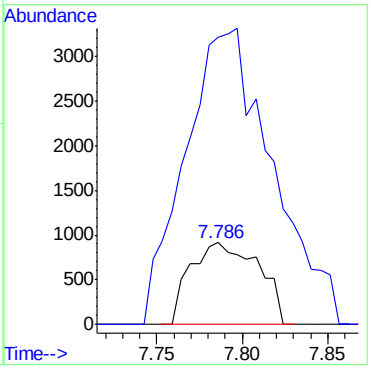


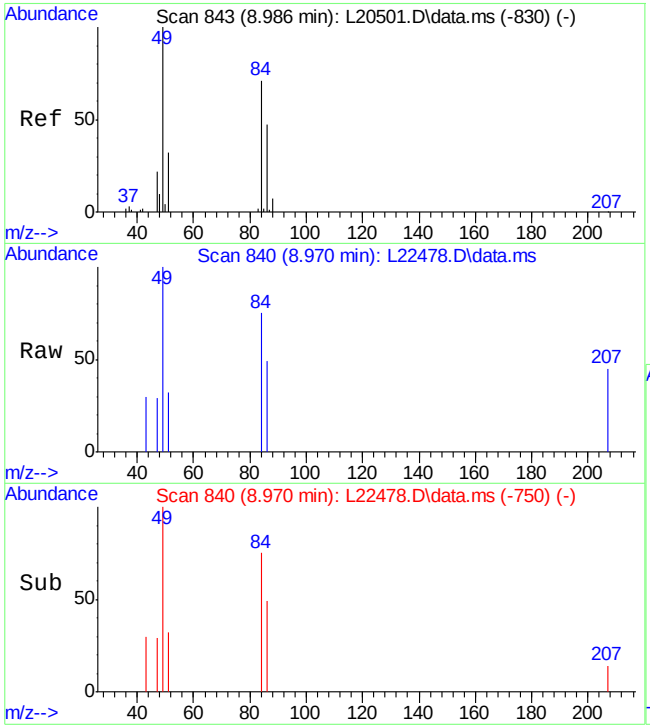


#10
Acetone
Concen: 4.52 ug/Kg
RT: 7.786 min Scan# 623
Delta R.T. -0.000 min
Lab File: L22478.D
Acq: 2 Feb 2013 3:42 pm

Tgt Ion: 58 Resp: 25402

Ion	Ratio	Lower	Upper
58	100		
43	463.4	334.6	374.6#

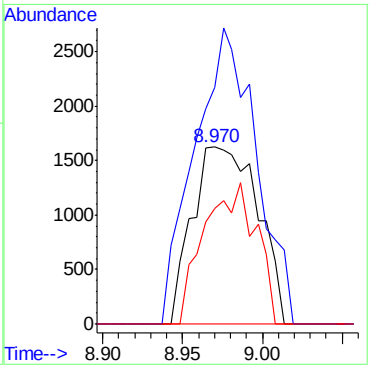


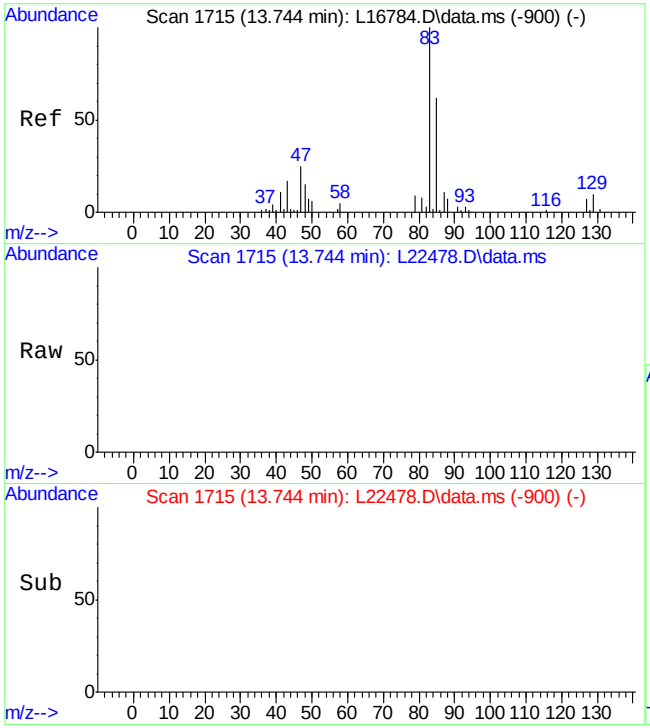


#18
Methylene Chloride
Concen: 0.76 ug/Kg
RT: 8.970 min Scan# 840
Delta R.T. -0.011 min
Lab File: L22478.D
Acq: 2 Feb 2013 3:42 pm

Tgt Ion: 84 Resp: 46641

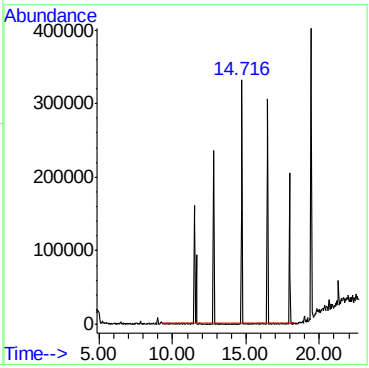
Ion	Ratio	Lower	Upper
84	100		
49	156.4	125.6	165.6
86	63.1	43.6	83.6





#96
TPH-GRO (C6-C10)
Concen: 0.90 ug/Kg m
RT: 13.747 min Scan# 1715
Delta R.T. 0.000 min
Lab File: L22478.D
Acq: 2 Feb 2013 3:42 pm

Tgt Ion:TIC Resp: 214967



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\L130202\
Data File : L22481.D
Acq On : 2 Feb 2013 5:09 pm
Operator : XINGB
Sample : C25941-4
Misc : MS1656,VL712,5.02,,,,1
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Feb 04 08:02:21 2013
Quant Method : C:\msdchem\1\METHODS\VL702S.M
Quant Title : EPA -8260B
QLast Update : Fri Jan 25 08:45:18 2013
Response via : Initial Calibration

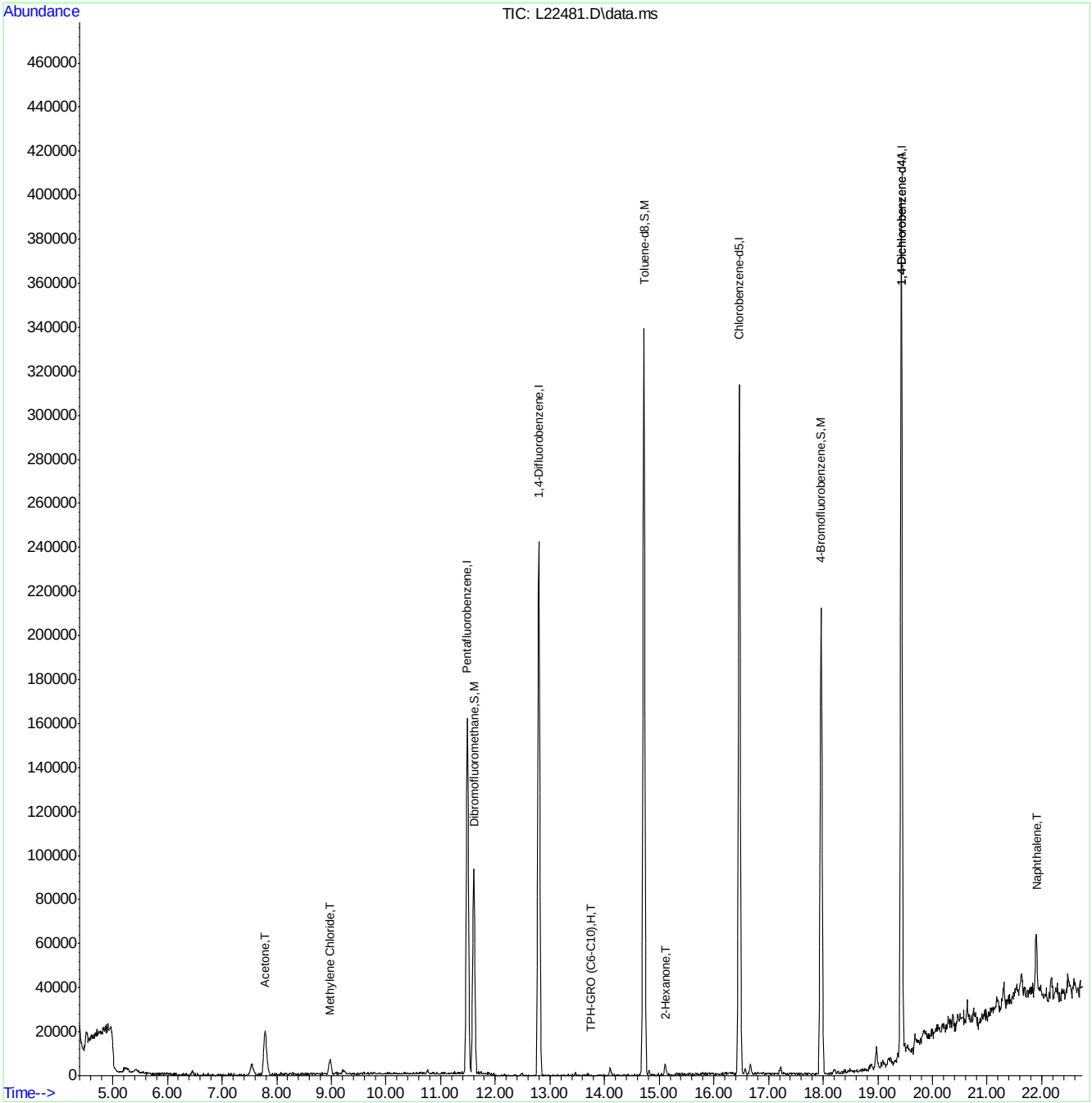
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	11.486	168	1601386	20.00	ug/Kg	0.00
38) 1,4-Difluorobenzene	12.801	114	2718744	20.00	ug/Kg	0.00
52) Chlorobenzene-d5	16.467	117	2361333	20.00	ug/Kg	0.00
74) 1,4-Dichlorobenzene-d4	19.430	152	1222983	20.00	ug/Kg	0.00
95) 1,4-Dichlorobenzene-d4A	19.430	152	1222983	20.00	ug/Kg	-0.02
System Monitoring Compounds						
34) Dibromofluoromethane	11.611	111	868045	20.37	ug/Kg	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 101.85%			
53) Toluene-d8	14.721	98	3100755	19.39	ug/Kg	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 96.95%			
71) 4-Bromofluorobenzene	17.962	95	1190984	19.27	ug/Kg	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 96.35%			
Target Compounds						Qvalue
10) Acetone	7.781	58	152546	26.28	ug/Kg	96
18) Methylene Chloride	8.981	84	50479	0.80	ug/Kg	88
57) 2-Hexanone	15.109	43	65026	1.23	ug/Kg#	88
93) Naphthalene	21.902	128	275963	1.36	ug/Kg	100
96) TPH-GRO (C6-C10)	13.747	TIC	817796m	3.31	ug/Kg	

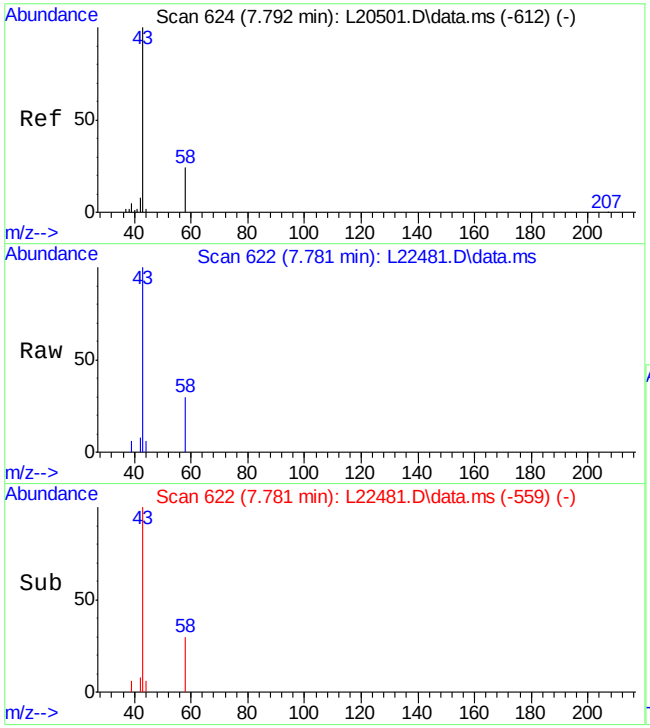
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\L130202\
Data File : L22481.D
Acq On : 2 Feb 2013 5:09 pm
Operator : XINGB
Sample : C25941-4
Misc : MS1656,VL712,5.02,,,,1
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Feb 04 08:02:21 2013
Quant Method : C:\msdchem\1\METHODS\VL702S.M
Quant Title : EPA -8260B
QLast Update : Fri Jan 25 08:45:18 2013
Response via : Initial Calibration

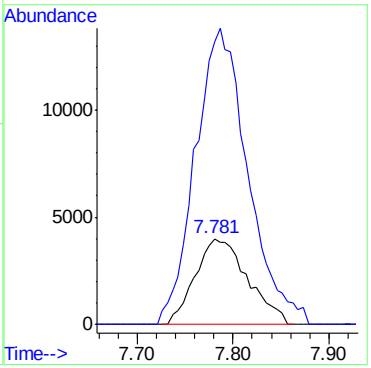


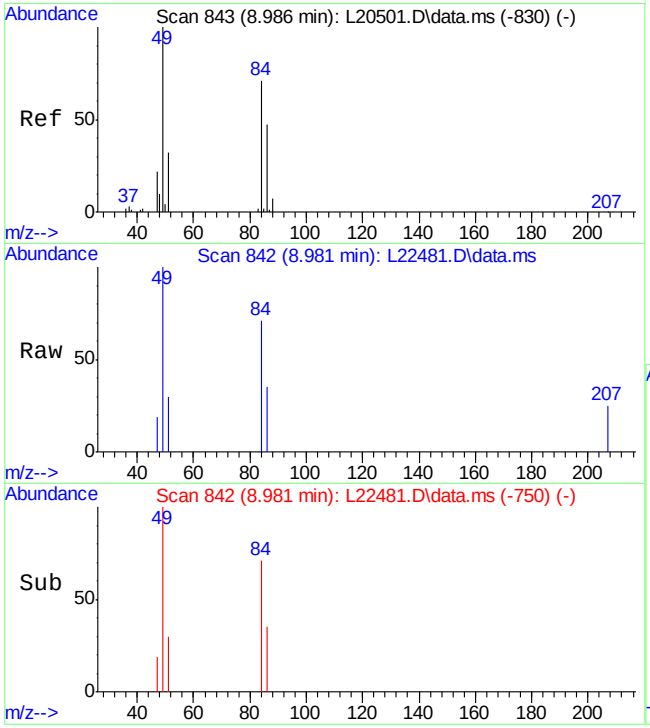


#10
Acetone
Concen: 26.28 ug/Kg
RT: 7.781 min Scan# 622
Delta R.T. -0.006 min
Lab File: L22481.D
Acq: 2 Feb 2013 5:09 pm

Tgt Ion: 58 Resp: 152546

Ion	Ratio	Lower	Upper
58	100		
43	346.0	334.6	374.6

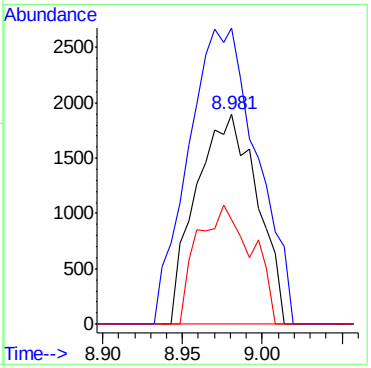


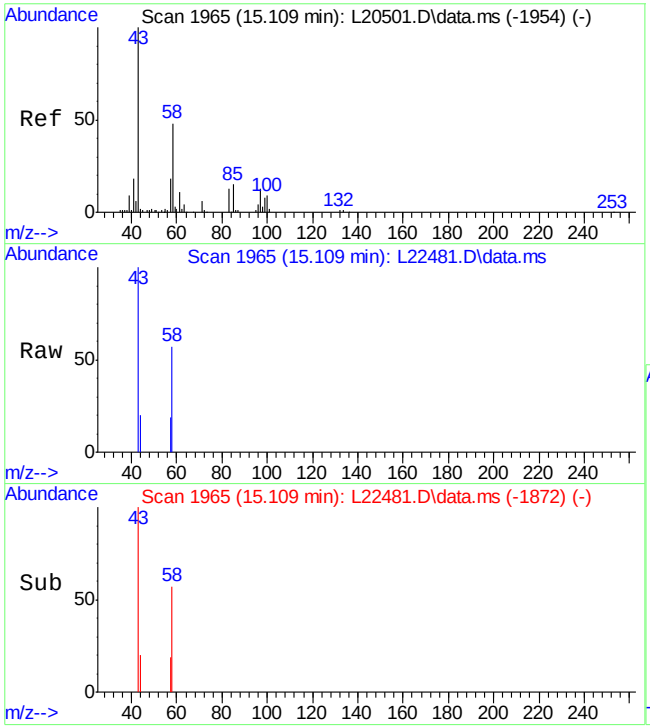


#18
Methylene Chloride
Concen: 0.80 ug/Kg
RT: 8.981 min Scan# 842
Delta R.T. -0.000 min
Lab File: L22481.D
Acq: 2 Feb 2013 5:09 pm

Tgt Ion: 84 Resp: 50479

Ion	Ratio	Lower	Upper
84	100		
49	158.8	125.6	165.6
86	50.8	43.6	83.6

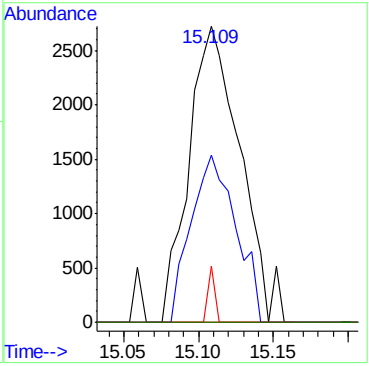


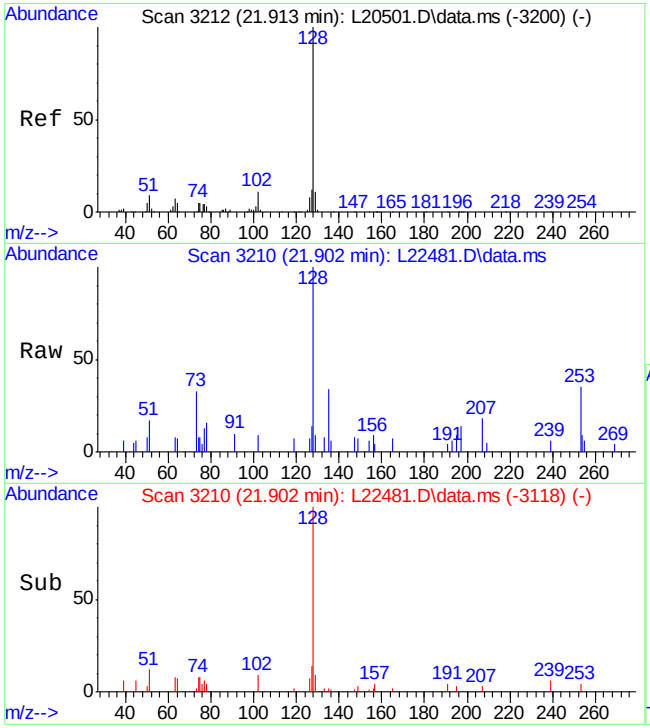


#57
2-Hexanone
Concen: 1.23 ug/Kg
RT: 15.109 min Scan# 1965
Delta R.T. 0.005 min
Lab File: L22481.D
Acq: 2 Feb 2013 5:09 pm

Tgt Ion: 43 Resp: 65026

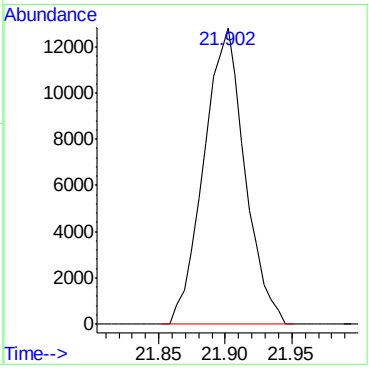
Ion	Ratio	Lower	Upper
43	100		
58	49.4	30.1	70.1
57	0.0	0.0	36.3
100	0.0	0.0	29.0

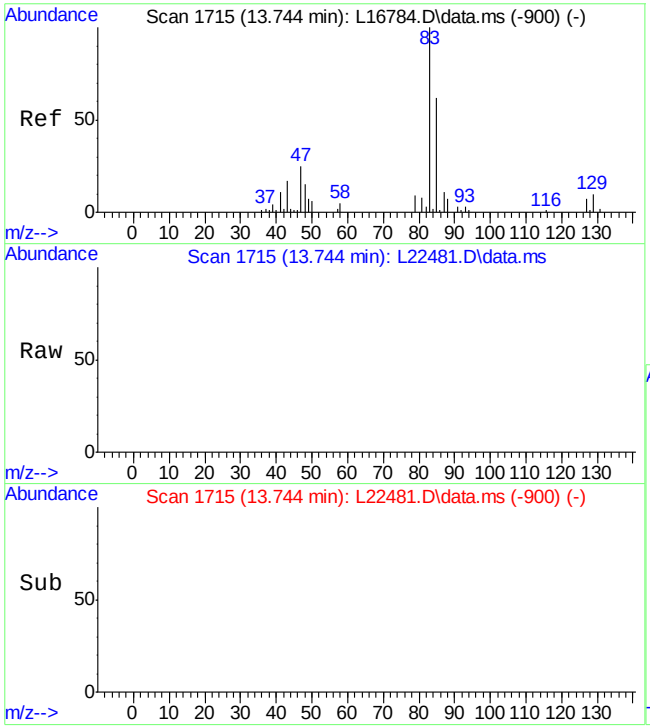




#93
Naphthalene
Concen: 1.36 ug/Kg
RT: 21.902 min Scan# 3210
Delta R.T. -0.000 min
Lab File: L22481.D
Acq: 2 Feb 2013 5:09 pm

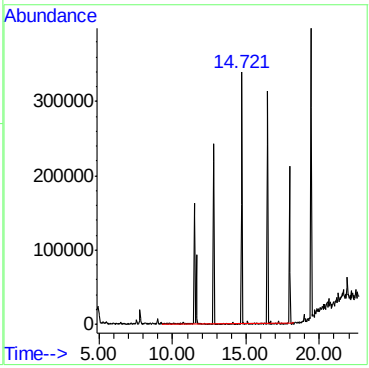
Tgt Ion:128 Resp: 275963





#96
TPH-GRO (C6-C10)
Concen: 3.31 ug/Kg m
RT: 13.747 min Scan# 1715
Delta R.T. 0.000 min
Lab File: L22481.D
Acq: 2 Feb 2013 5:09 pm

Tgt Ion:TIC Resp: 817796



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\L130202\
Data File : L22482.D
Acq On : 2 Feb 2013 5:38 pm
Operator : XINGB
Sample : C25941-5
Misc : MS1656,VL712,5.17,,,,1
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Feb 04 07:37:40 2013
Quant Method : C:\msdchem\1\METHODS\VL702S.M
Quant Title : EPA -8260B
QLast Update : Fri Jan 25 08:45:18 2013
Response via : Initial Calibration

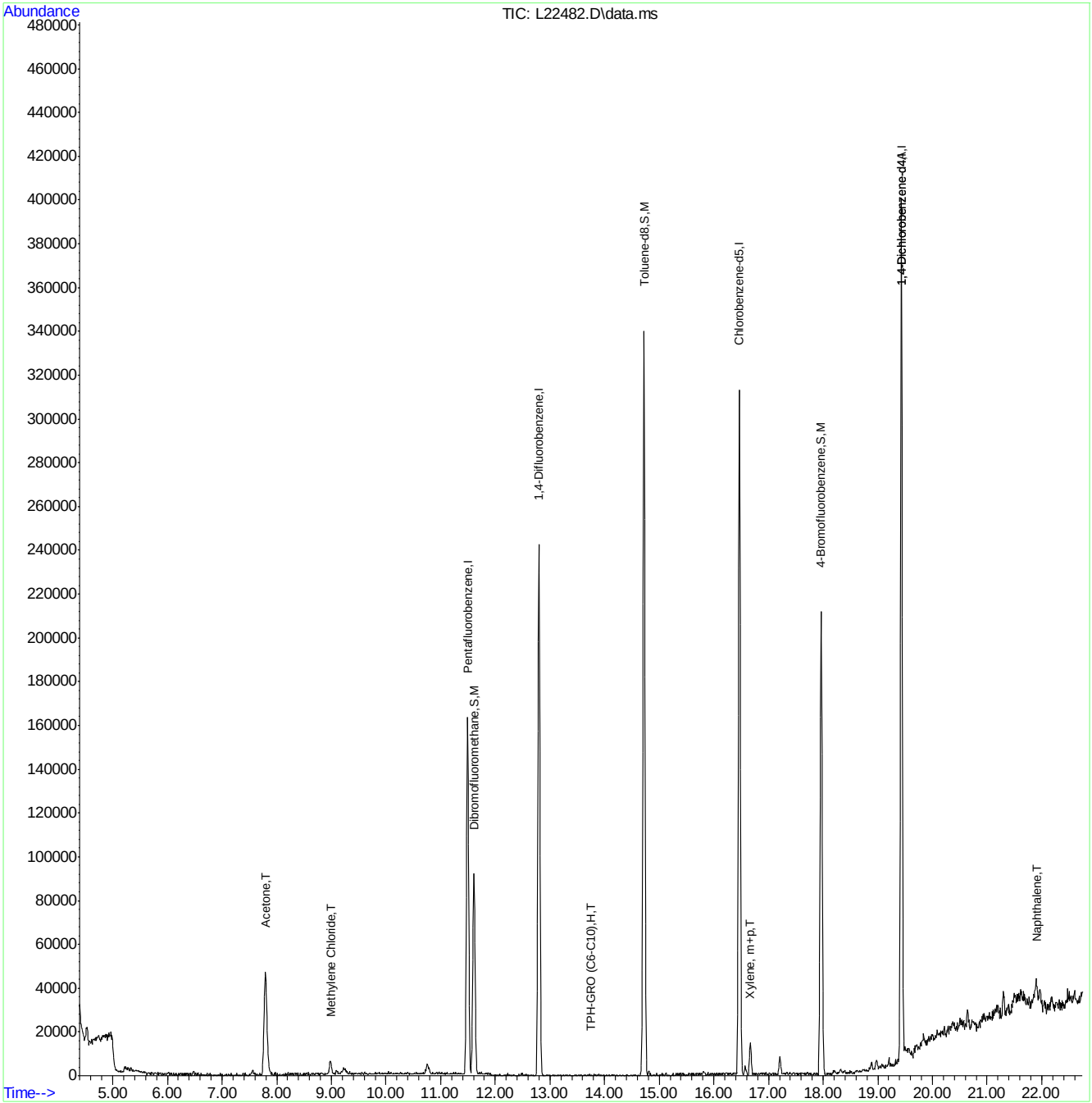
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	11.491	168	1580976	20.00	ug/Kg	0.00
38) 1,4-Difluorobenzene	12.800	114	2684222	20.00	ug/Kg	0.00
52) Chlorobenzene-d5	16.467	117	2376493	20.00	ug/Kg	0.00
74) 1,4-Dichlorobenzene-d4	19.430	152	1202331	20.00	ug/Kg	0.00
95) 1,4-Dichlorobenzene-d4A	19.430	152	1202331	20.00	ug/Kg	-0.02
System Monitoring Compounds						
34) Dibromofluoromethane	11.611	111	875424	20.81	ug/Kg	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 104.05%			
53) Toluene-d8	14.721	98	3087140	19.18	ug/Kg	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 95.90%			
71) 4-Bromofluorobenzene	17.962	95	1202328	19.33	ug/Kg	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 96.65%			
Target Compounds						Qvalue
10) Acetone	7.792	58	339552	59.24	ug/Kg	96
18) Methylene Chloride	8.986	84	39767	0.64	ug/Kg	88
65) Xylene, m+p	16.669	106	65040	0.58	ug/Kg	99
93) Naphthalene	21.902	128	106419	0.54	ug/Kg	100
96) TPH-GRO (C6-C10)	13.747	TIC	700145m	2.88	ug/Kg	

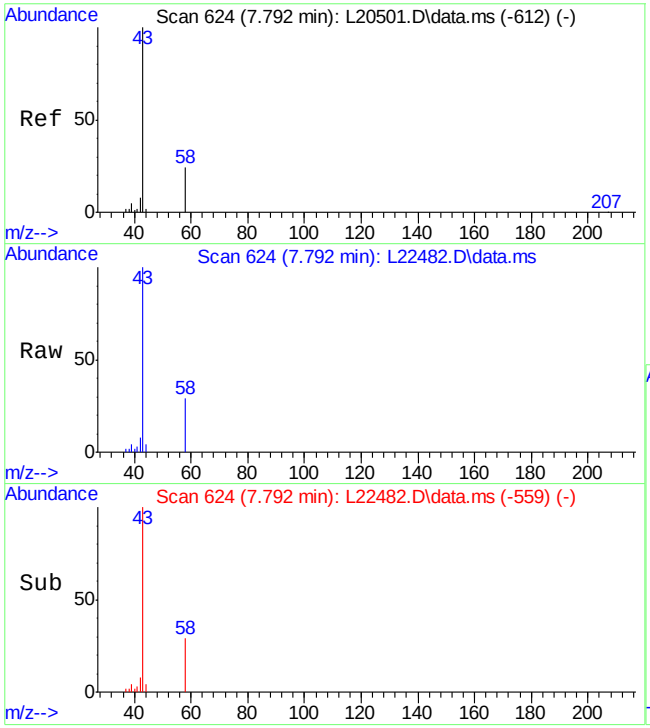
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\L130202\
Data File : L22482.D
Acq On : 2 Feb 2013 5:38 pm
Operator : XINGB
Sample : C25941-5
Misc : MS1656,VL712,5.17,,,,1
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Feb 04 07:37:40 2013
Quant Method : C:\msdchem\1\METHODS\VL702S.M
Quant Title : EPA -8260B
QLast Update : Fri Jan 25 08:45:18 2013
Response via : Initial Calibration

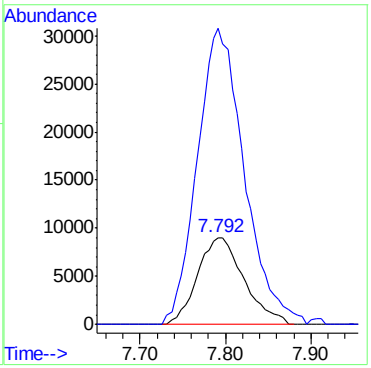


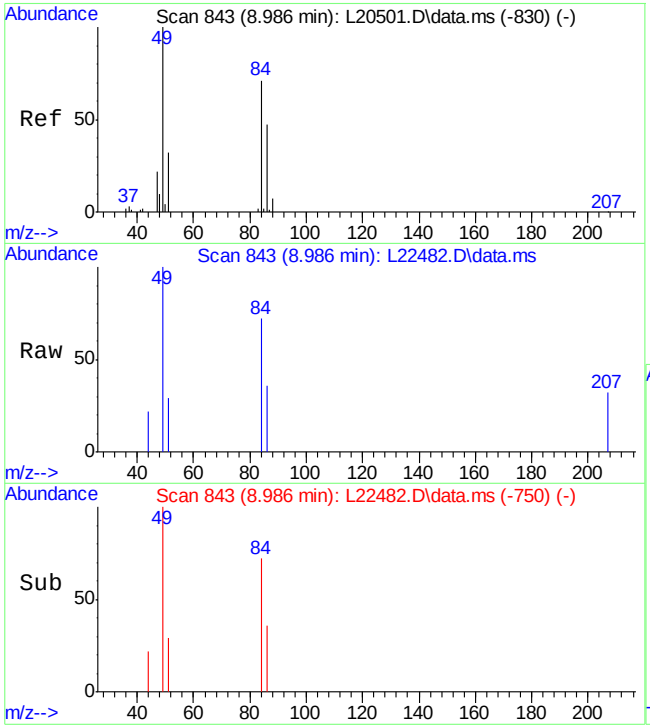


#10
Acetone
Concen: 59.24 ug/Kg
RT: 7.792 min Scan# 624
Delta R.T. 0.005 min
Lab File: L22482.D
Acq: 2 Feb 2013 5:38 pm

Tgt Ion: 58 Resp: 339552

Ion	Ratio	Lower	Upper
58	100		
43	345.9	334.6	374.6

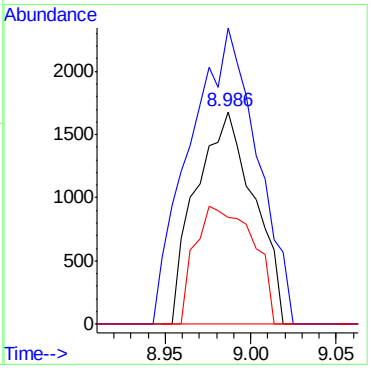


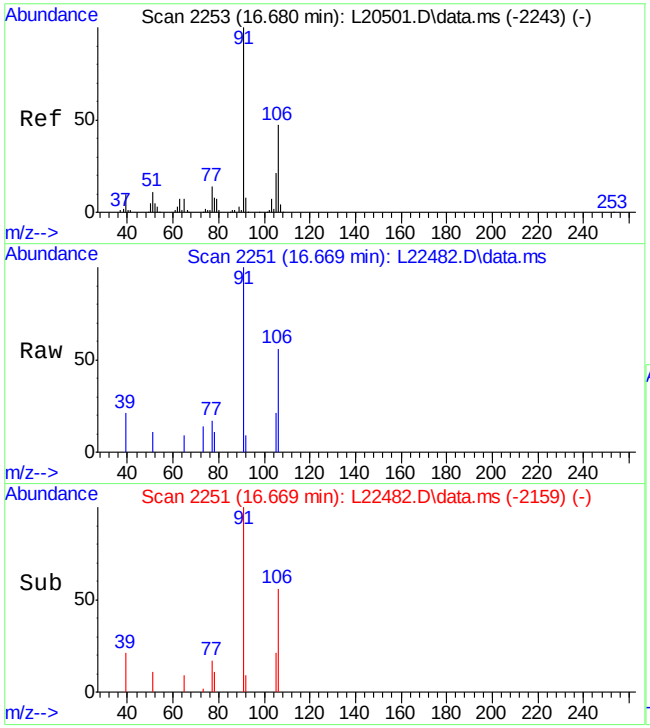


#18
Methylene Chloride
Concen: 0.64 ug/Kg
RT: 8.986 min Scan# 843
Delta R.T. 0.005 min
Lab File: L22482.D
Acq: 2 Feb 2013 5:38 pm

Tgt Ion: 84 Resp: 39767

Ion	Ratio	Lower	Upper
84	100		
49	161.9	125.6	165.6
86	55.3	43.6	83.6

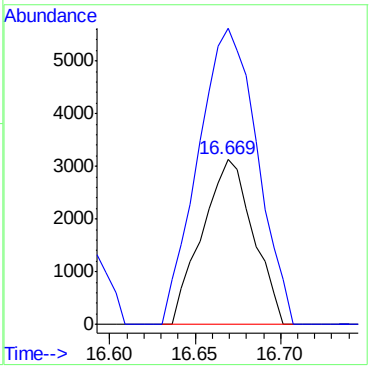


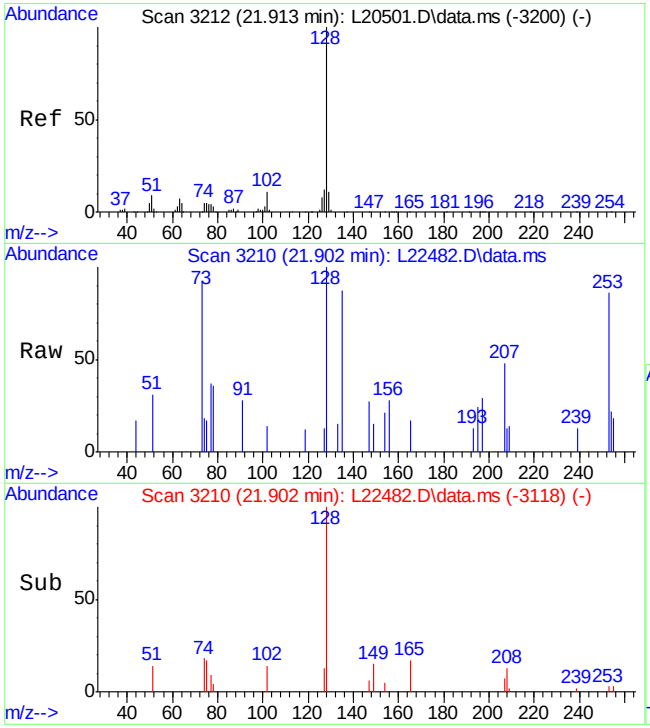


#65
Xylene, m+p
Concen: 0.58 ug/Kg
RT: 16.669 min Scan# 2251
Delta R.T. -0.000 min
Lab File: L22482.D
Acq: 2 Feb 2013 5:38 pm

Tgt Ion:106 Resp: 65040

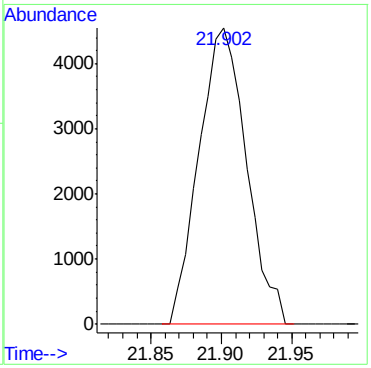
Ion	Ratio	Lower	Upper
106	100		
91	208.3	187.1	227.1

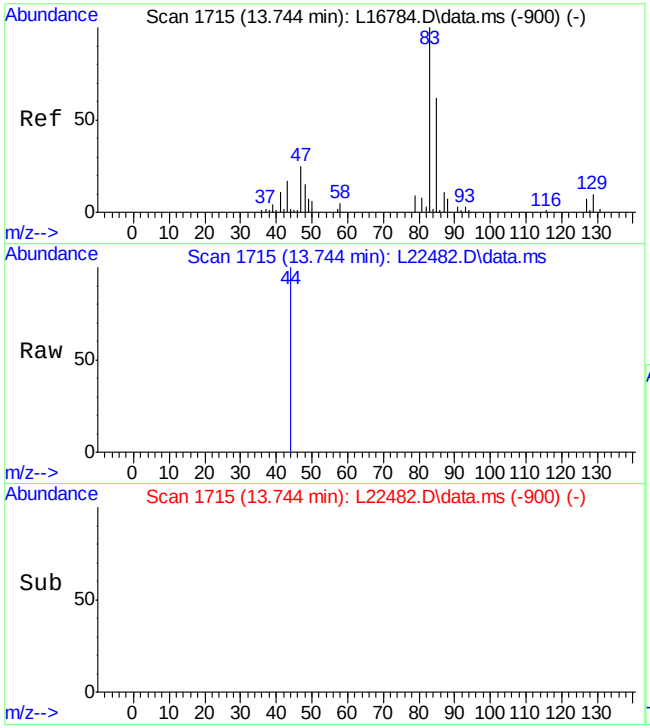




#93
Naphthalene
Concen: 0.54 ug/Kg
RT: 21.902 min Scan# 3210
Delta R.T. -0.000 min
Lab File: L22482.D
Acq: 2 Feb 2013 5:38 pm

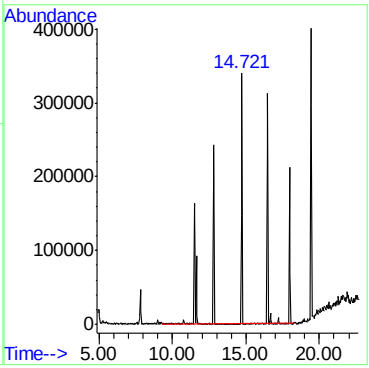
Tgt Ion:128 Resp: 106419





#96
TPH-GRO (C6-C10)
Concen: 2.88 ug/Kg m
RT: 13.747 min Scan# 1715
Delta R.T. 0.000 min
Lab File: L22482.D
Acq: 2 Feb 2013 5:38 pm

Tgt Ion:TIC Resp: 700145



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\L130202\
Data File : L22483.D
Acq On : 2 Feb 2013 6:07 pm
Operator : XINGB
Sample : C25941-6
Misc : MS1656,VL712,5.08,,,,1
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Feb 04 08:03:21 2013
Quant Method : C:\msdchem\1\METHODS\VL702S.M
Quant Title : EPA -8260B
QLast Update : Fri Jan 25 08:45:18 2013
Response via : Initial Calibration

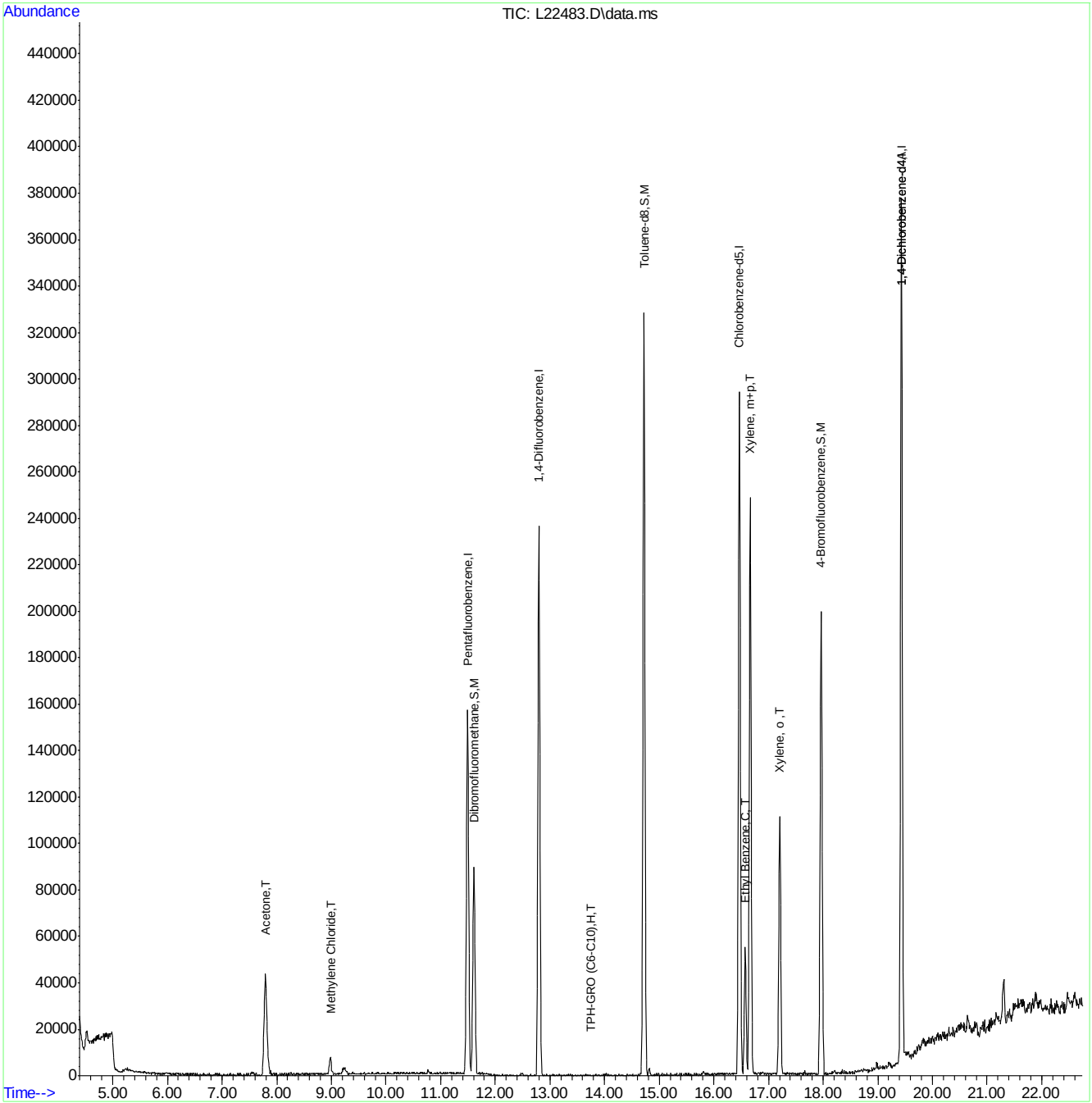
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	11.491	168	1524014	20.00	ug/Kg	0.00
38) 1,4-Difluorobenzene	12.800	114	2581617	20.00	ug/Kg	0.00
52) Chlorobenzene-d5	16.467	117	2244667	20.00	ug/Kg	0.00
74) 1,4-Dichlorobenzene-d4	19.430	152	1156517	20.00	ug/Kg	0.00
95) 1,4-Dichlorobenzene-d4A	19.430	152	1156517	20.00	ug/Kg	-0.02
System Monitoring Compounds						
34) Dibromofluoromethane	11.611	111	822361	20.28	ug/Kg	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 101.40%			
53) Toluene-d8	14.721	98	2971791	19.55	ug/Kg	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 97.75%			
71) 4-Bromofluorobenzene	17.962	95	1135141	19.32	ug/Kg	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 96.60%			
Target Compounds						Qvalue
10) Acetone	7.797	58	302130	54.68	ug/Kg	98
18) Methylene Chloride	8.986	84	53228	0.88	ug/Kg	93
64) Ethyl Benzene	16.576	91	585470	2.19	ug/Kg	99
65) Xylene, m+p	16.669	106	973248	9.18	ug/Kg	100
66) Xylene, o	17.204	106	454896	4.44	ug/Kg	99
96) TPH-GRO (C6-C10)	13.747	TIC	9773902m	41.82	ug/Kg	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

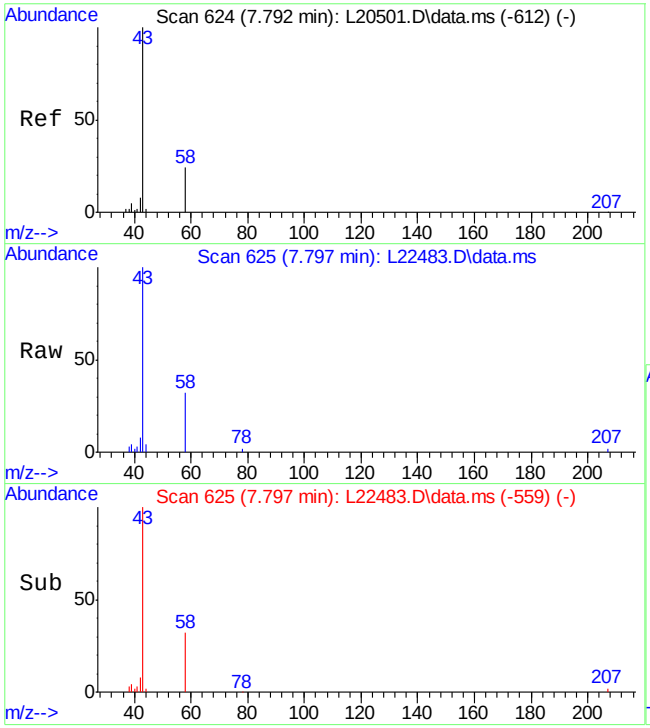
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\L130202\
Data File : L22483.D
Acq On : 2 Feb 2013 6:07 pm
Operator : XINGB
Sample : C25941-6
Misc : MS1656,VL712,5.08,,,,1
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Feb 04 08:03:21 2013
Quant Method : C:\msdchem\1\METHODS\VL702S.M
Quant Title : EPA -8260B
QLast Update : Fri Jan 25 08:45:18 2013
Response via : Initial Calibration



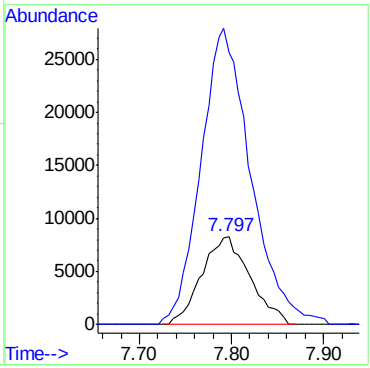
VL702S.M Mon Feb 04 08:10:20 2013 Page: 2

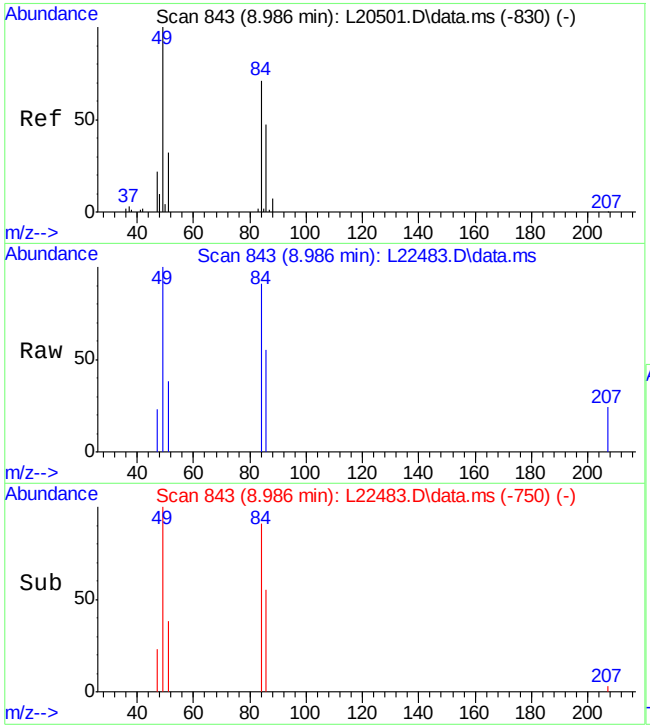


#10
Acetone
Concen: 54.68 ug/Kg
RT: 7.797 min Scan# 625
Delta R.T. 0.011 min
Lab File: L22483.D
Acq: 2 Feb 2013 6:07 pm

Tgt Ion: 58 Resp: 302130

Ion	Ratio	Lower	Upper
58	100		
43	349.8	334.6	374.6

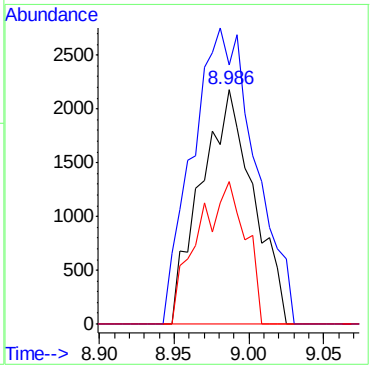


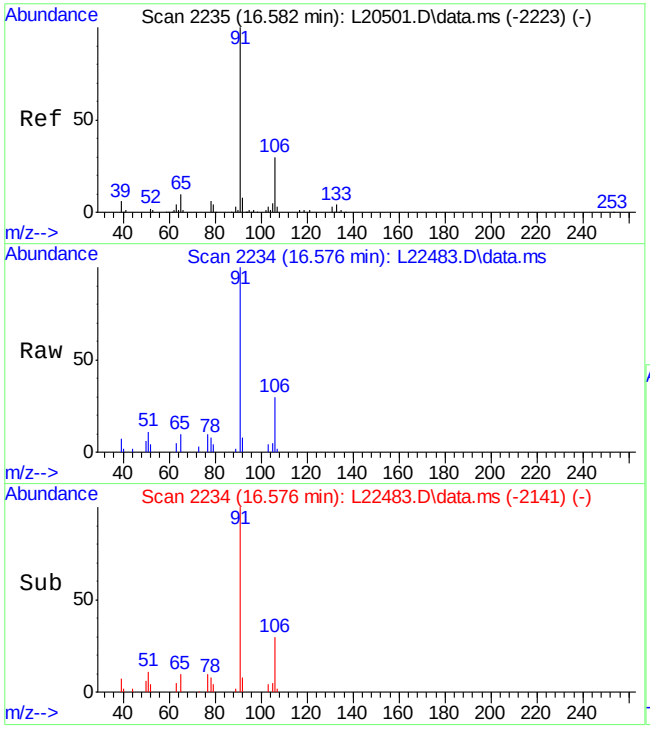


#18
Methylene Chloride
Concen: 0.88 ug/Kg
RT: 8.986 min Scan# 843
Delta R.T. 0.005 min
Lab File: L22483.D
Acq: 2 Feb 2013 6:07 pm

Tgt Ion: 84 Resp: 53228

Ion	Ratio	Lower	Upper
84	100		
49	151.5	125.6	165.6
86	55.0	43.6	83.6

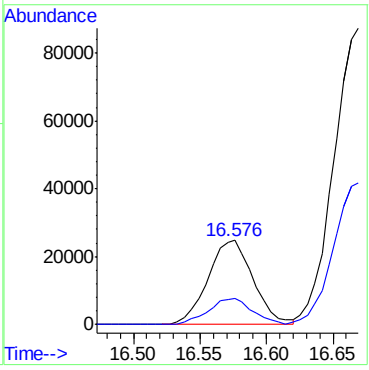


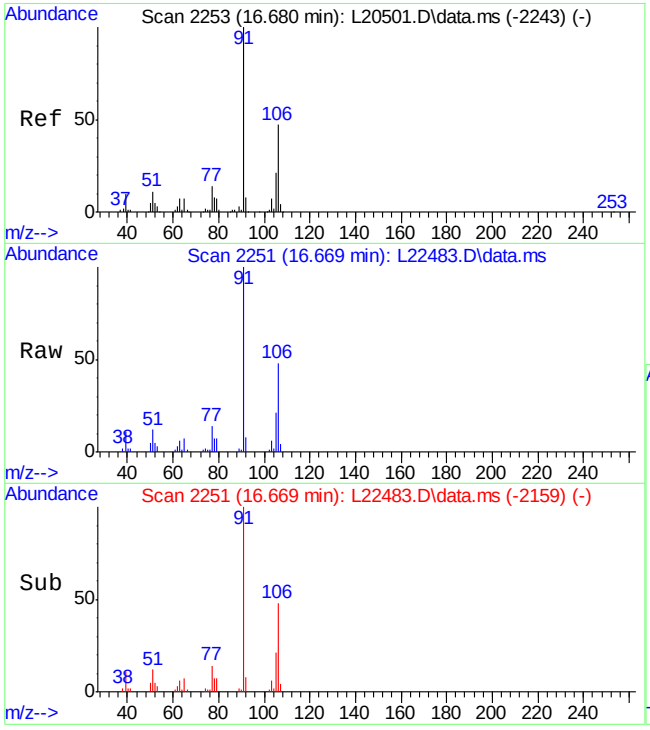


#64
Ethyl Benzene
Concen: 2.19 ug/Kg
RT: 16.576 min Scan# 2234
Delta R.T. 0.005 min
Lab File: L22483.D
Acq: 2 Feb 2013 6:07 pm

Tgt Ion: 91 Resp: 585470

Ion	Ratio	Lower	Upper
91	100		
106	29.8	10.3	50.3

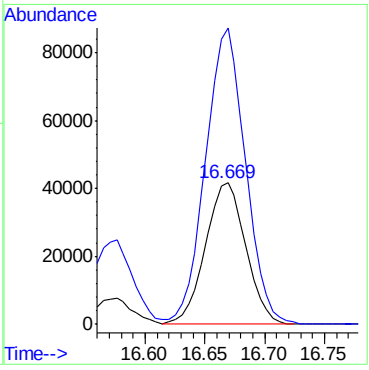


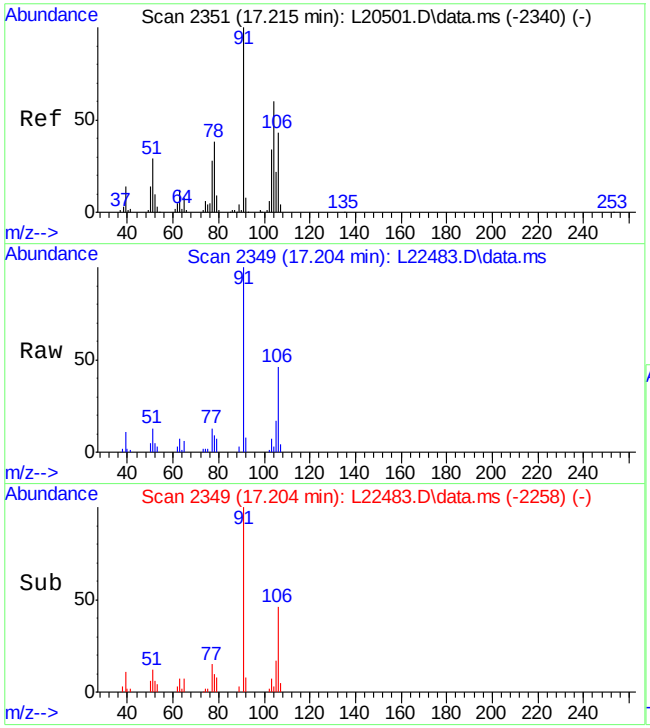


#65
Xylene, m+p
Concen: 9.18 ug/Kg
RT: 16.669 min Scan# 2251
Delta R.T. -0.000 min
Lab File: L22483.D
Acq: 2 Feb 2013 6:07 pm

Tgt Ion:106 Resp: 973248

Ion	Ratio	Lower	Upper
106	100		
91	207.8	187.1	227.1

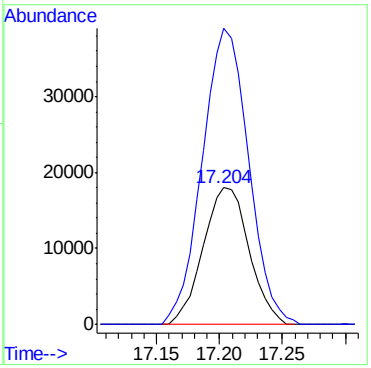


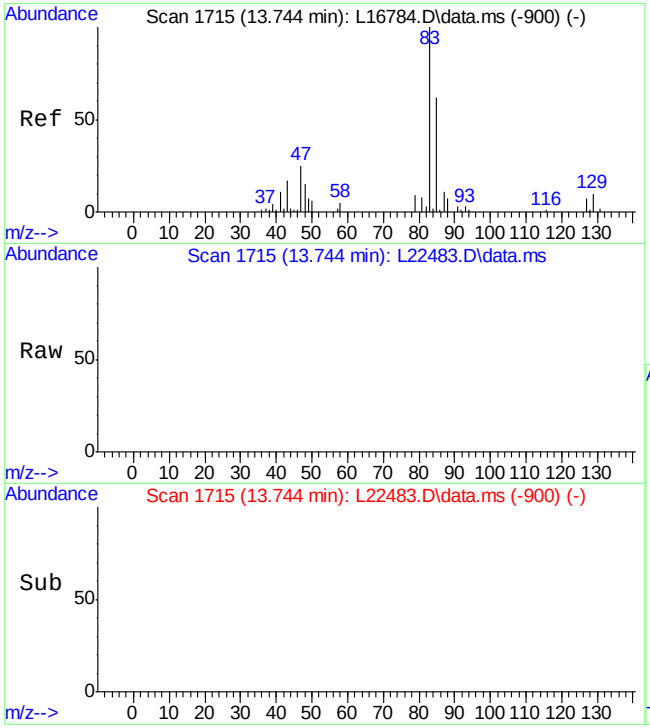


#66
Xylene, o
Concen: 4.44 ug/Kg
RT: 17.204 min Scan# 2349
Delta R.T. -0.006 min
Lab File: L22483.D
Acq: 2 Feb 2013 6:07 pm

Tgt Ion:106 Resp: 454896

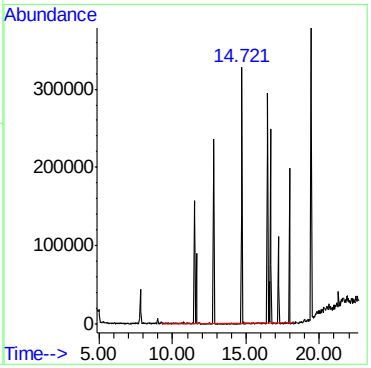
Ion	Ratio	Lower	Upper
106	100		
91	218.7	197.4	237.4





#96
TPH-GRO (C6-C10)
Concen: 41.82 ug/Kg m
RT: 13.747 min Scan# 1715
Delta R.T. 0.000 min
Lab File: L22483.D
Acq: 2 Feb 2013 6:07 pm

Tgt Ion:TIC Resp: 9773902



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\L130202\
Data File : L22484.D
Acq On : 2 Feb 2013 6:35 pm
Operator : XINGB
Sample : C25941-7
Misc : MS1656,VL712,5.15,,,,1
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Feb 04 08:04:01 2013
Quant Method : C:\msdchem\1\METHODS\VL702S.M
Quant Title : EPA -8260B
QLast Update : Fri Jan 25 08:45:18 2013
Response via : Initial Calibration

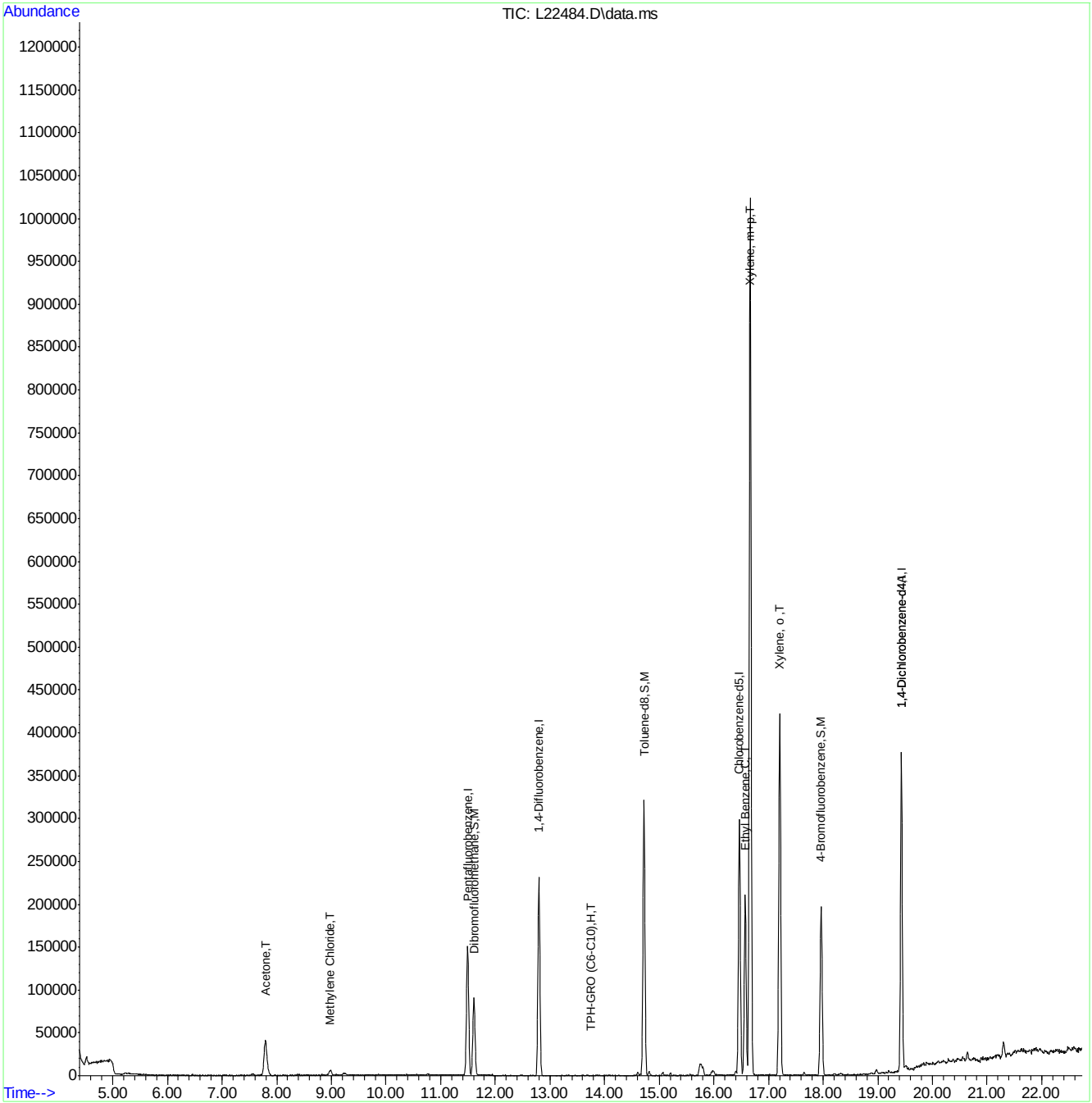
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	11.491	168	1486135	20.00	ug/Kg	0.00
38) 1,4-Difluorobenzene	12.800	114	2539462	20.00	ug/Kg	0.00
52) Chlorobenzene-d5	16.467	117	2222923	20.00	ug/Kg	0.00
74) 1,4-Dichlorobenzene-d4	19.430	152	1135240	20.00	ug/Kg	0.00
95) 1,4-Dichlorobenzene-d4A	19.430	152	1135240	20.00	ug/Kg	-0.02
System Monitoring Compounds						
34) Dibromofluoromethane	11.611	111	826854	20.91	ug/Kg	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 104.55%			
53) Toluene-d8	14.721	98	2929979	19.46	ug/Kg	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 97.30%			
71) 4-Bromofluorobenzene	17.962	95	1116511	19.19	ug/Kg	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 95.95%			
Target Compounds						Qvalue
10) Acetone	7.791	58	294594	54.68	ug/Kg	99
18) Methylene Chloride	8.981	84	45764	0.78	ug/Kg	88
64) Ethyl Benzene	16.571	91	2152935	8.12	ug/Kg	99
65) Xylene, m+p	16.669	106	4040984	38.50	ug/Kg	99
66) Xylene, o	17.204	106	1685577	16.61	ug/Kg	99
96) TPH-GRO (C6-C10)	13.747	TIC	41180826m	179.50	ug/Kg	

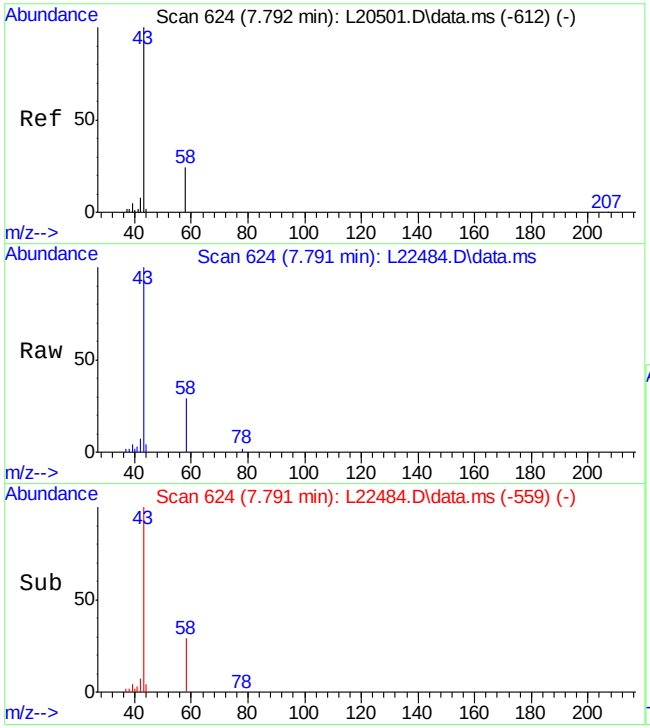
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\L130202\
Data File : L22484.D
Acq On : 2 Feb 2013 6:35 pm
Operator : XINGB
Sample : C25941-7
Misc : MS1656,VL712,5.15,,,,1
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Feb 04 08:04:01 2013
Quant Method : C:\msdchem\1\METHODS\VL702S.M
Quant Title : EPA -8260B
QLast Update : Fri Jan 25 08:45:18 2013
Response via : Initial Calibration

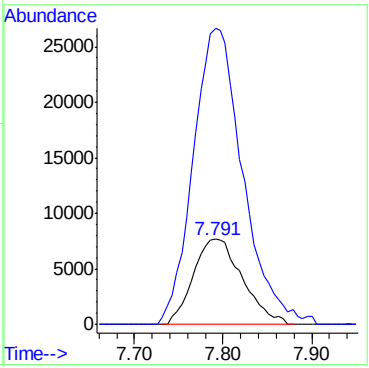


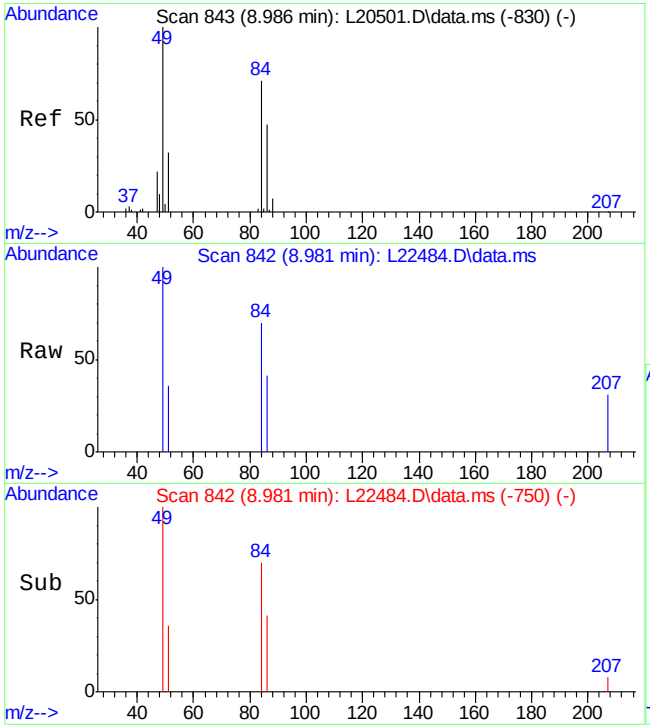


#10
Acetone
Concen: 54.68 ug/Kg
RT: 7.791 min Scan# 624
Delta R.T. 0.005 min
Lab File: L22484.D
Acq: 2 Feb 2013 6:35 pm

Tgt Ion: 58 Resp: 294594

Ion	Ratio	Lower	Upper
58	100		
43	351.7	334.6	374.6

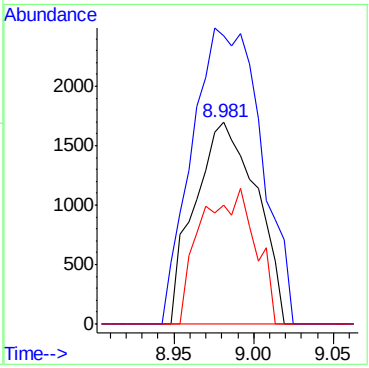


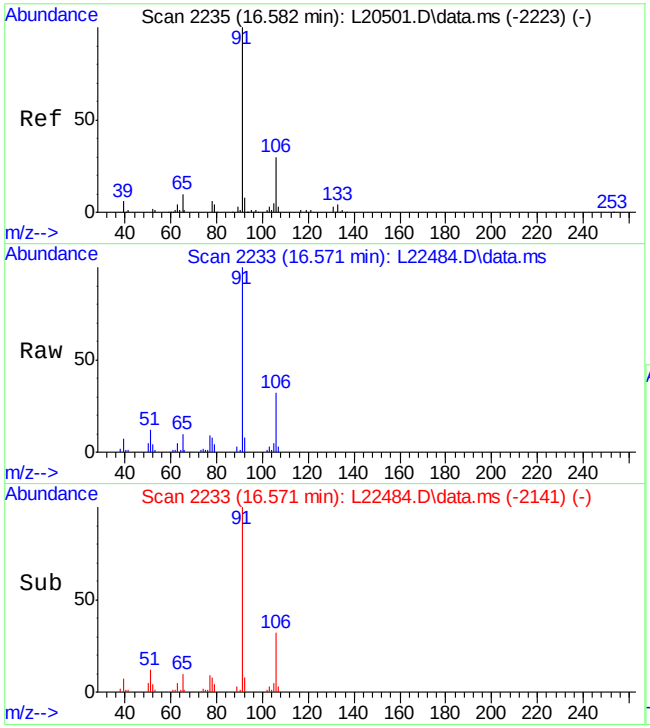


#18
Methylene Chloride
Concen: 0.78 ug/Kg
RT: 8.981 min Scan# 842
Delta R.T. -0.000 min
Lab File: L22484.D
Acq: 2 Feb 2013 6:35 pm

Tgt Ion: 84 Resp: 45764

Ion	Ratio	Lower	Upper
84	100		
49	163.7	125.6	165.6
86	59.4	43.6	83.6

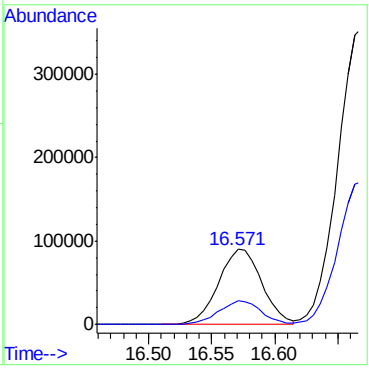


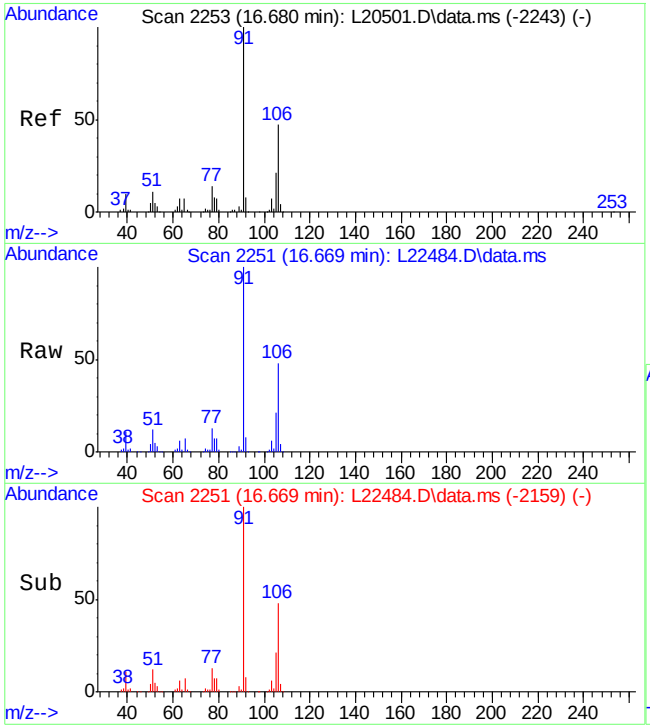


#64
Ethyl Benzene
Concen: 8.12 ug/Kg
RT: 16.571 min Scan# 2233
Delta R.T. -0.000 min
Lab File: L22484.D
Acq: 2 Feb 2013 6:35 pm

Tgt Ion: 91 Resp: 2152935

Ion	Ratio	Lower	Upper
91	100		
106	30.7	10.3	50.3

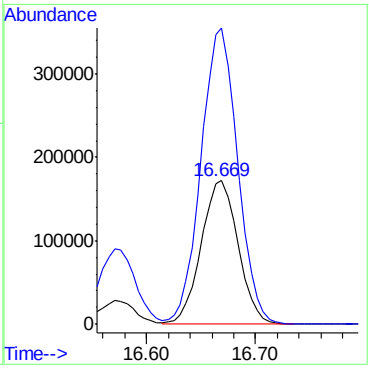


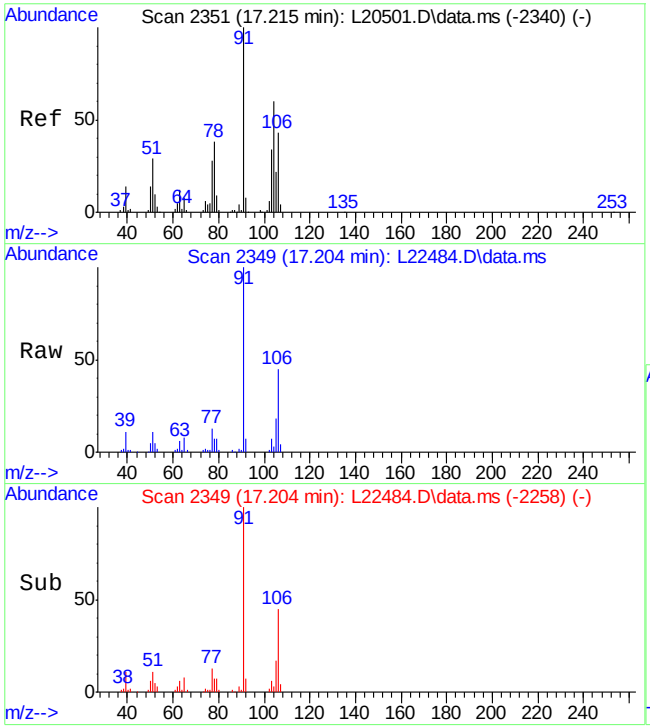


#65
Xylene, m+p
Concen: 38.50 ug/Kg
RT: 16.669 min Scan# 2251
Delta R.T. -0.000 min
Lab File: L22484.D
Acq: 2 Feb 2013 6:35 pm

Tgt Ion:106 Resp: 4040984

Ion	Ratio	Lower	Upper
106	100		
91	205.2	187.1	227.1

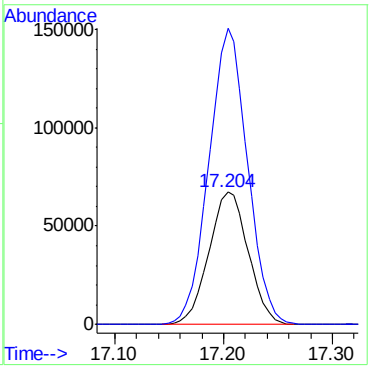


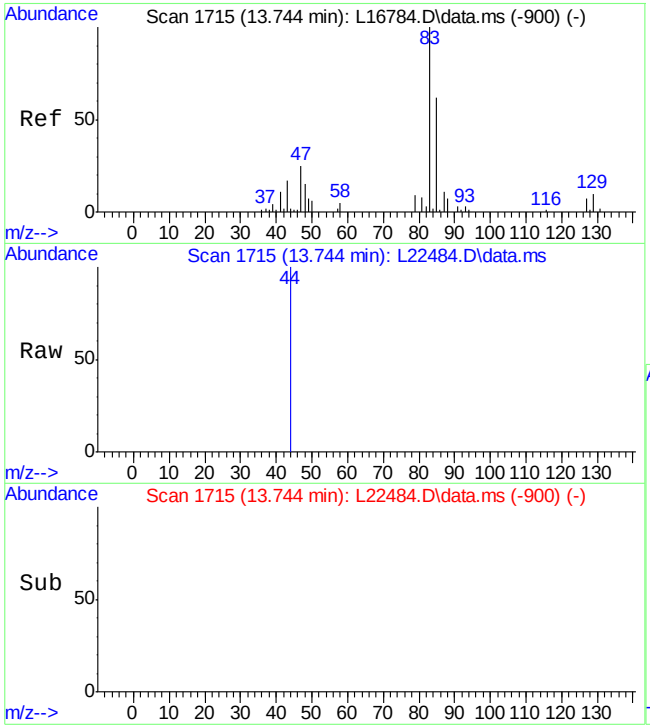


#66
Xylene, o
Concen: 16.61 ug/Kg
RT: 17.204 min Scan# 2349
Delta R.T. -0.006 min
Lab File: L22484.D
Acq: 2 Feb 2013 6:35 pm

Tgt Ion:106 Resp: 1685577

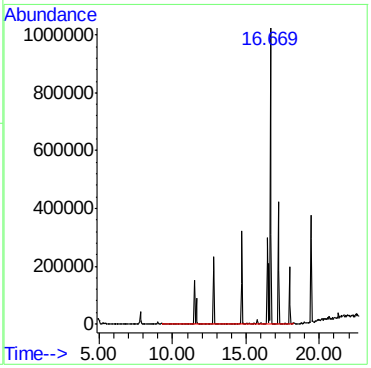
Ion	Ratio	Lower	Upper
106	100		
91	219.5	197.4	237.4





#96
TPH-GRO (C6-C10)
Concen: 179.50 ug/Kg m
RT: 13.747 min Scan# 1715
Delta R.T. 0.000 min
Lab File: L22484.D
Acq: 2 Feb 2013 6:35 pm

Tgt Ion:TIC Resp:41180826



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\L130202\
Data File : L22485.D
Acq On : 2 Feb 2013 7:04 pm
Operator : XINGB
Sample : C25941-8
Misc : MS1656,VL712,5.20,,,,1
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Feb 04 07:37:46 2013
Quant Method : C:\msdchem\1\METHODS\VL702S.M
Quant Title : EPA -8260B
QLast Update : Fri Jan 25 08:45:18 2013
Response via : Initial Calibration

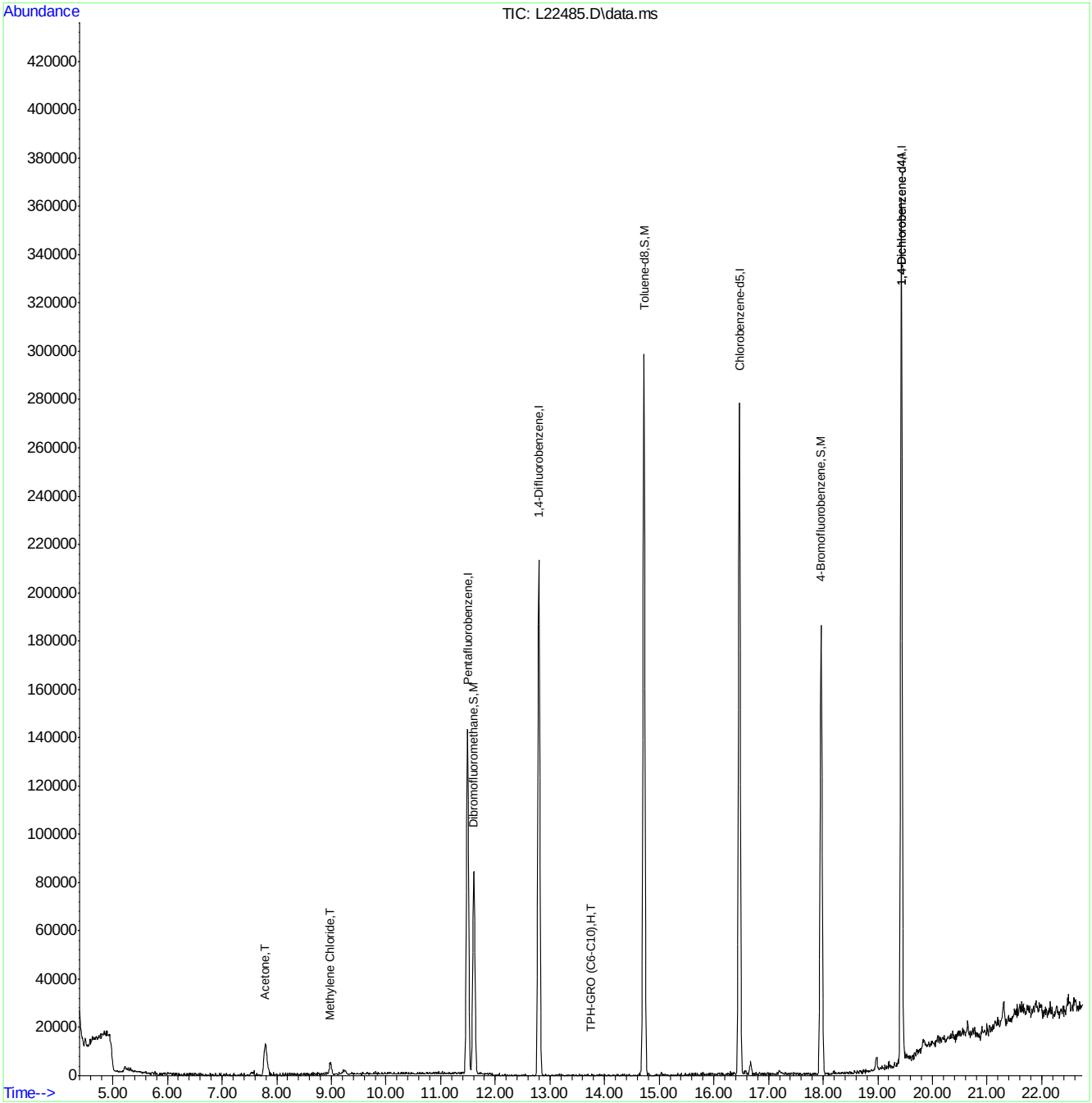
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	11.491	168	1414961	20.00	ug/Kg	0.00
38) 1,4-Difluorobenzene	12.795	114	2407110	20.00	ug/Kg	0.00
52) Chlorobenzene-d5	16.473	117	2110590	20.00	ug/Kg	0.00
74) 1,4-Dichlorobenzene-d4	19.430	152	1073588	20.00	ug/Kg	0.00
95) 1,4-Dichlorobenzene-d4A	19.430	152	1073588	20.00	ug/Kg	-0.02
System Monitoring Compounds						
34) Dibromofluoromethane	11.606	111	794372	21.10	ug/Kg	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 105.50%			
53) Toluene-d8	14.721	98	2753079	19.26	ug/Kg	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 96.30%			
71) 4-Bromofluorobenzene	17.962	95	1069882	19.37	ug/Kg	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 96.85%			
Target Compounds						Qvalue
10) Acetone	7.786	58	97237	18.96	ug/Kg	95
18) Methylene Chloride	8.981	84	36865	0.66	ug/Kg	88
96) TPH-GRO (C6-C10)	13.747	TIC	508677m	2.34	ug/Kg	

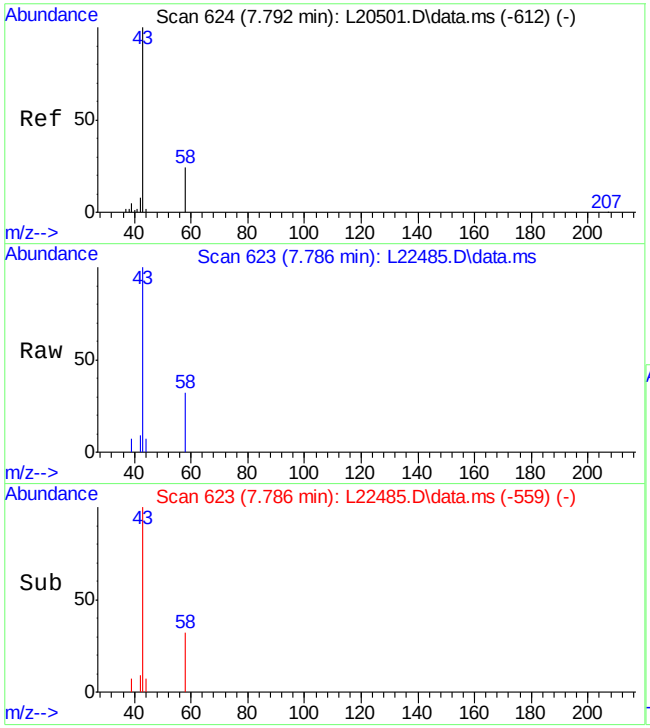
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\L130202\
Data File : L22485.D
Acq On : 2 Feb 2013 7:04 pm
Operator : XINGB
Sample : C25941-8
Misc : MS1656,VL712,5.20,,,,1
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Feb 04 07:37:46 2013
Quant Method : C:\msdchem\1\METHODS\VL702S.M
Quant Title : EPA -8260B
QLast Update : Fri Jan 25 08:45:18 2013
Response via : Initial Calibration

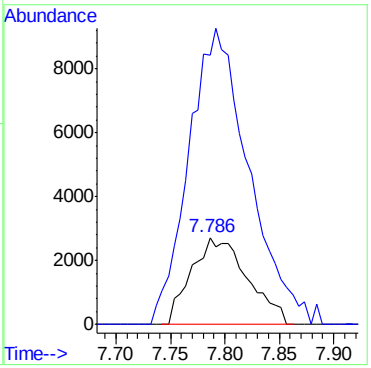


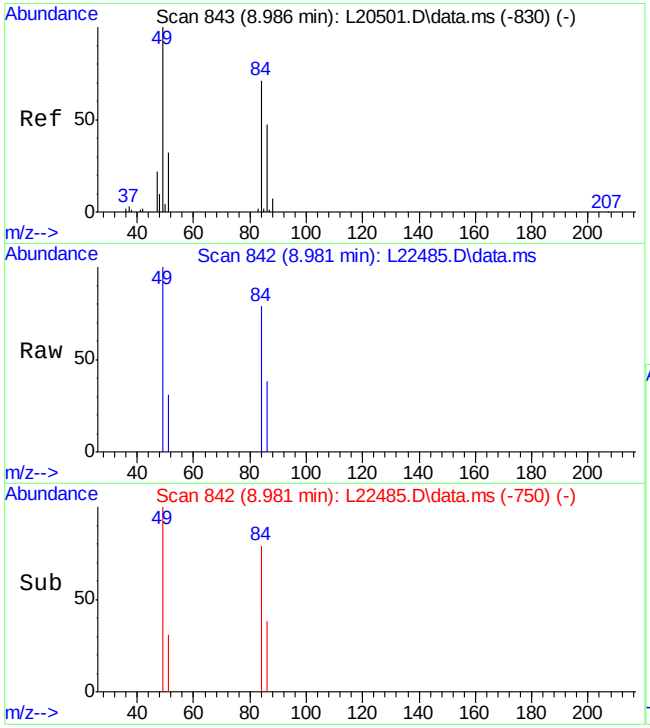


#10
Acetone
Concen: 18.96 ug/Kg
RT: 7.786 min Scan# 623
Delta R.T. 0.000 min
Lab File: L22485.D
Acq: 2 Feb 2013 7:04 pm

Tgt Ion: 58 Resp: 97237

Ion	Ratio	Lower	Upper
58	100		
43	366.1	334.6	374.6

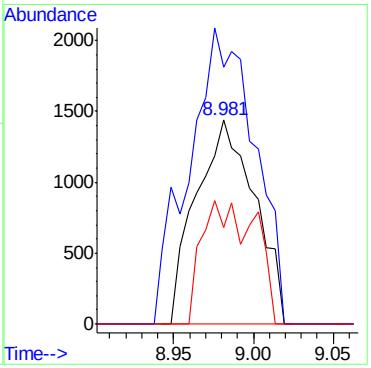


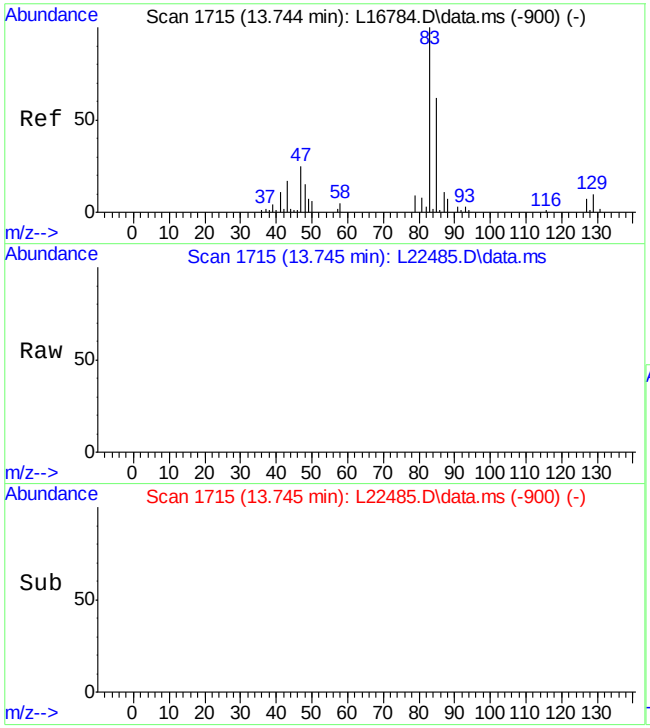


#18
Methylene Chloride
Concen: 0.66 ug/Kg
RT: 8.981 min Scan# 842
Delta R.T. 0.000 min
Lab File: L22485.D
Acq: 2 Feb 2013 7:04 pm

Tgt Ion: 84 Resp: 36865

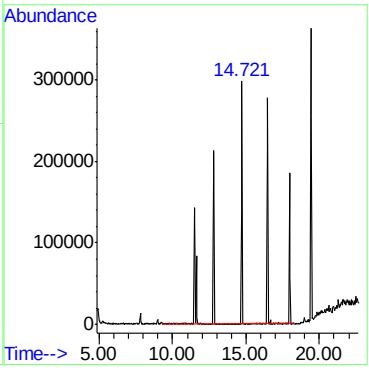
Ion	Ratio	Lower	Upper
84	100		
49	161.7	125.6	165.6
86	54.8	43.6	83.6





#96
TPH-GRO (C6-C10)
Concen: 2.34 ug/Kg m
RT: 13.747 min Scan# 1715
Delta R.T. 0.000 min
Lab File: L22485.D
Acq: 2 Feb 2013 7:04 pm

Tgt Ion:TIC Resp: 508677



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\L130202\
Data File : L22486.D
Acq On : 2 Feb 2013 7:33 pm
Operator : XINGB
Sample : C25941-9
Misc : MS1656,VL712,5.05,,,,1
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Feb 04 07:37:48 2013
Quant Method : C:\msdchem\1\METHODS\VL702S.M
Quant Title : EPA -8260B
QLast Update : Fri Jan 25 08:45:18 2013
Response via : Initial Calibration

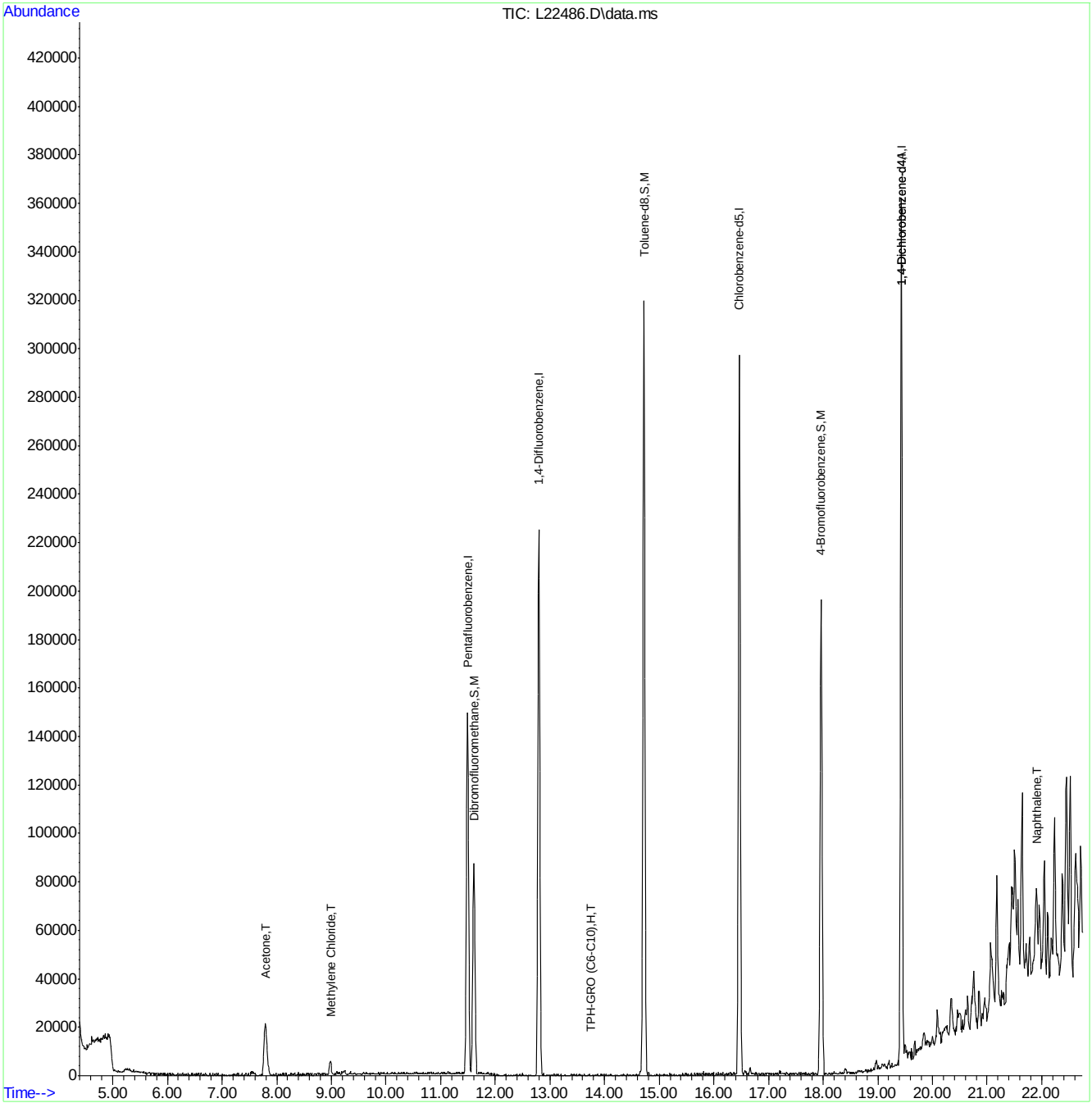
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	11.491	168	1479825	20.00	ug/Kg	0.00
38) 1,4-Difluorobenzene	12.800	114	2504330	20.00	ug/Kg	0.00
52) Chlorobenzene-d5	16.467	117	2209921	20.00	ug/Kg	0.00
74) 1,4-Dichlorobenzene-d4	19.430	152	1098730	20.00	ug/Kg	0.00
95) 1,4-Dichlorobenzene-d4A	19.430	152	1098730	20.00	ug/Kg	-0.02
System Monitoring Compounds						
34) Dibromofluoromethane	11.611	111	828370	21.03	ug/Kg	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 105.15%			
53) Toluene-d8	14.721	98	2888538	19.30	ug/Kg	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 96.50%			
71) 4-Bromofluorobenzene	17.962	95	1093732	18.91	ug/Kg	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 94.55%			
Target Compounds						Qvalue
10) Acetone	7.791	58	159781	29.78	ug/Kg	97
18) Methylene Chloride	8.986	84	36356	0.62	ug/Kg#	84
93) Naphthalene	21.902	128	286266	1.58	ug/Kg	100
96) TPH-GRO (C6-C10)	13.747	TIC	177462m	0.80	ug/Kg	

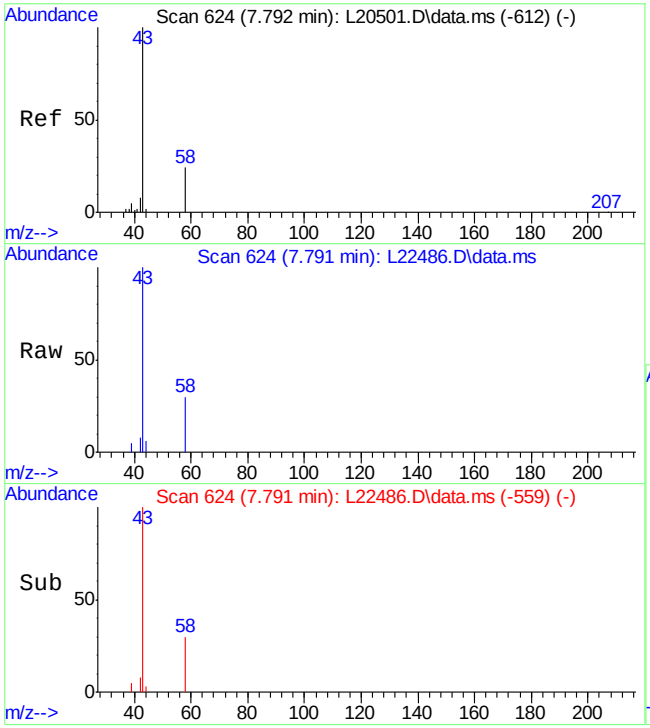
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\L130202\
Data File : L22486.D
Acq On : 2 Feb 2013 7:33 pm
Operator : XINGB
Sample : C25941-9
Misc : MS1656,VL712,5.05,,,,1
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Feb 04 07:37:48 2013
Quant Method : C:\msdchem\1\METHODS\VL702S.M
Quant Title : EPA -8260B
QLast Update : Fri Jan 25 08:45:18 2013
Response via : Initial Calibration

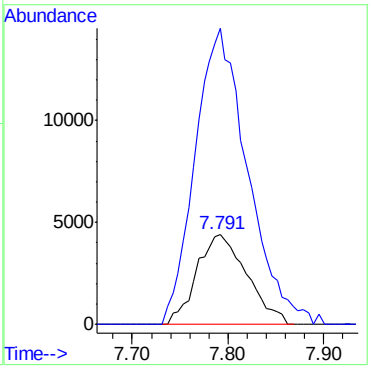


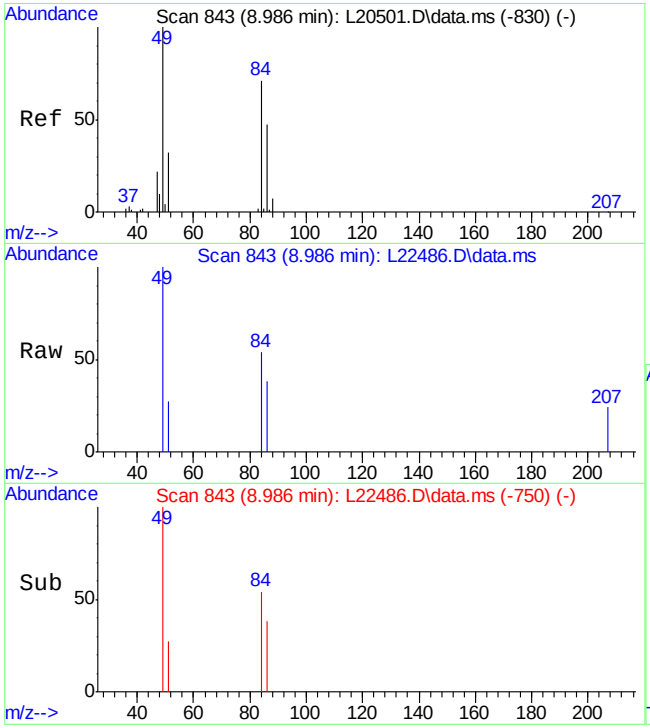


#10
Acetone
Concen: 29.78 ug/Kg
RT: 7.791 min Scan# 624
Delta R.T. 0.005 min
Lab File: L22486.D
Acq: 2 Feb 2013 7:33 pm

Tgt Ion: 58 Resp: 159781

Ion	Ratio	Lower	Upper
58	100		
43	347.9	334.6	374.6

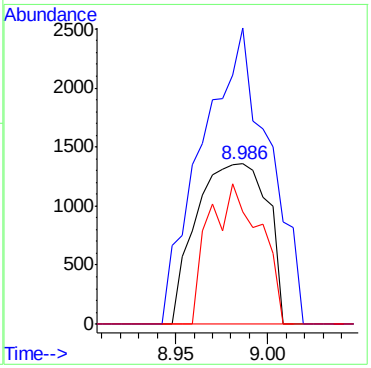


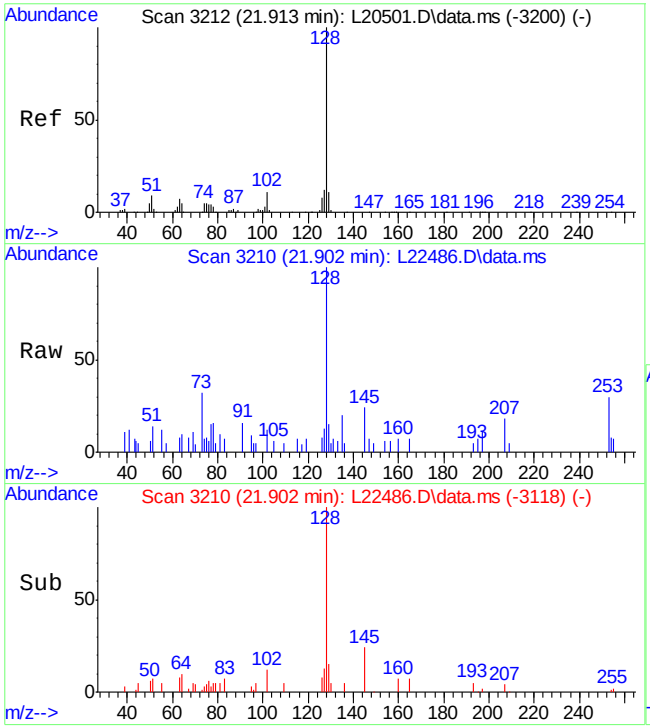


#18
Methylene Chloride
Concen: 0.62 ug/Kg
RT: 8.986 min Scan# 843
Delta R.T. 0.005 min
Lab File: L22486.D
Acq: 2 Feb 2013 7:33 pm

Tgt Ion: 84 Resp: 36356

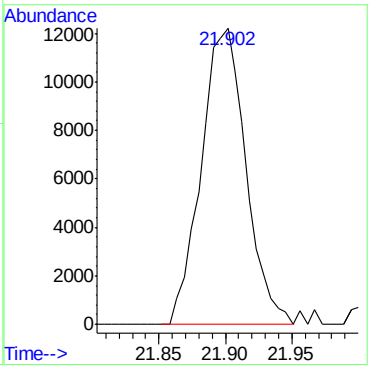
Ion	Ratio	Lower	Upper
84	100		
49	173.6	125.6	165.6#
86	63.0	43.6	83.6

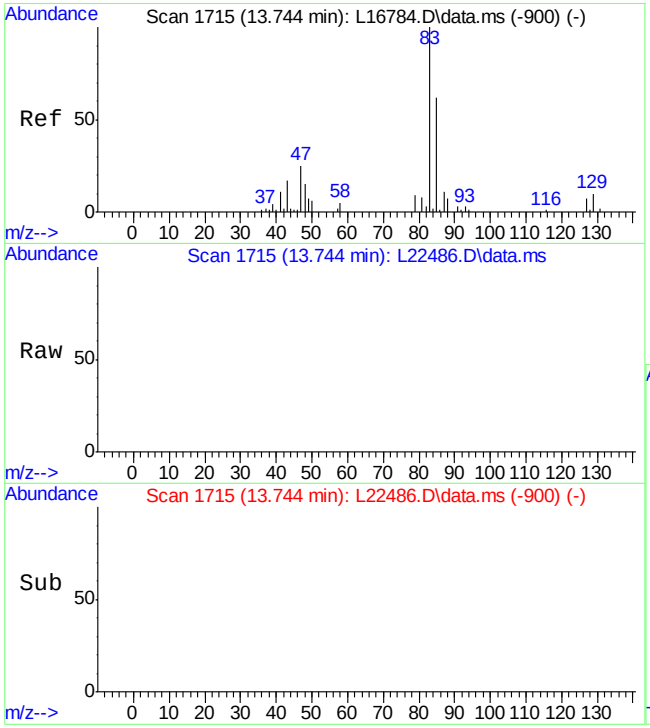




#93
Naphthalene
Concen: 1.58 ug/Kg
RT: 21.902 min Scan# 3210
Delta R.T. -0.000 min
Lab File: L22486.D
Acq: 2 Feb 2013 7:33 pm

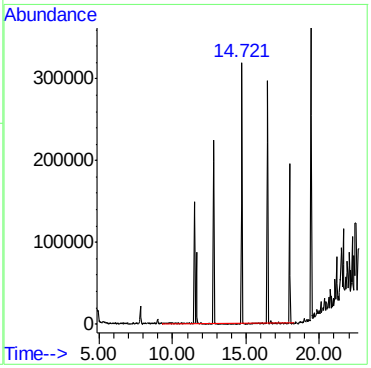
Tgt Ion:128 Resp: 286266





#96
TPH-GRO (C6-C10)
Concen: 0.80 ug/Kg m
RT: 13.747 min Scan# 1715
Delta R.T. 0.000 min
Lab File: L22486.D
Acq: 2 Feb 2013 7:33 pm

Tgt Ion:TIC Resp: 177462



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\L130202\
Data File : L22487.D
Acq On : 2 Feb 2013 8:02 pm
Operator : XINGB
Sample : C25941-10
Misc : MS1656,VL712,5.02,,,,1
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Feb 04 08:05:23 2013
Quant Method : C:\msdchem\1\METHODS\VL702S.M
Quant Title : EPA -8260B
QLast Update : Fri Jan 25 08:45:18 2013
Response via : Initial Calibration

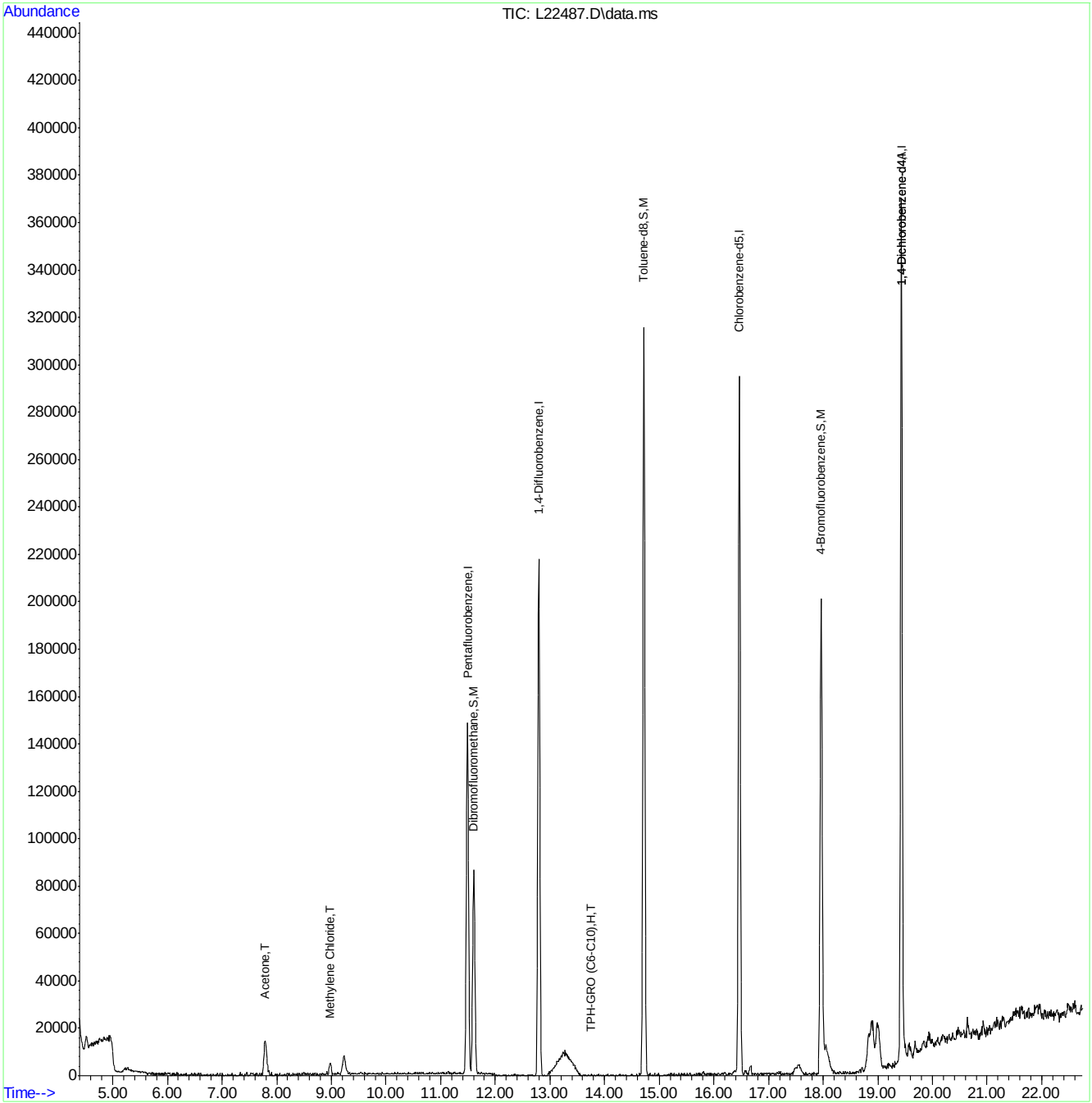
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	11.491	168	1452441	20.00	ug/Kg	0.00
38) 1,4-Difluorobenzene	12.801	114	2454319	20.00	ug/Kg	0.00
52) Chlorobenzene-d5	16.467	117	2210911	20.00	ug/Kg	0.00
74) 1,4-Dichlorobenzene-d4	19.430	152	1124046	20.00	ug/Kg	0.00
95) 1,4-Dichlorobenzene-d4A	19.430	152	1124046	20.00	ug/Kg	-0.02
System Monitoring Compounds						
34) Dibromofluoromethane	11.606	111	808700	20.92	ug/Kg	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 104.60%			
53) Toluene-d8	14.716	98	2868442	19.16	ug/Kg	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 95.80%			
71) 4-Bromofluorobenzene	17.962	95	1106078	19.12	ug/Kg	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 95.60%			
Target Compounds						Qvalue
10) Acetone	7.781	58	105397	20.02	ug/Kg	99
18) Methylene Chloride	8.976	84	35690	0.62	ug/Kg	89
96) TPH-GRO (C6-C10)	13.747	TIC	2134322m	9.40	ug/Kg	

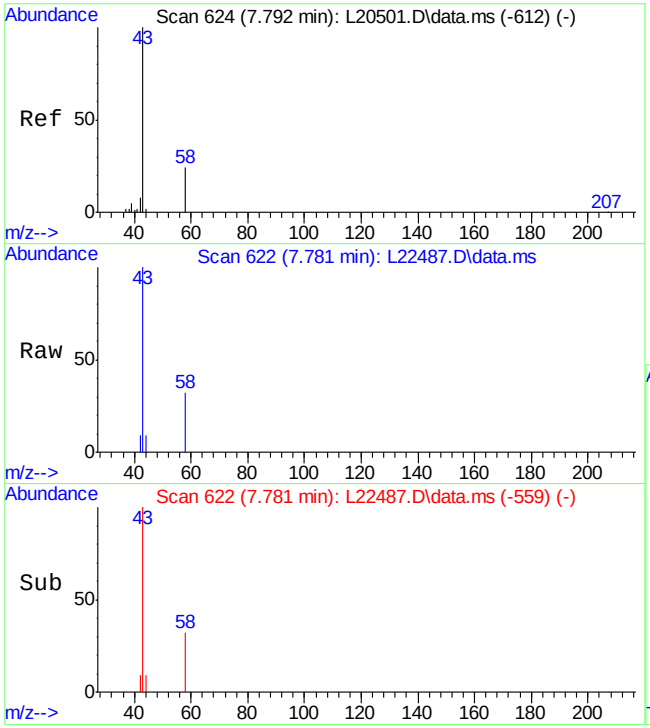
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\L130202\
Data File : L22487.D
Acq On : 2 Feb 2013 8:02 pm
Operator : XINGB
Sample : C25941-10
Misc : MS1656,VL712,5.02,,,,1
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Feb 04 08:05:23 2013
Quant Method : C:\msdchem\1\METHODS\VL702S.M
Quant Title : EPA -8260B
QLast Update : Fri Jan 25 08:45:18 2013
Response via : Initial Calibration

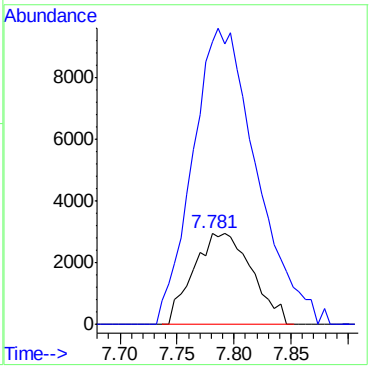


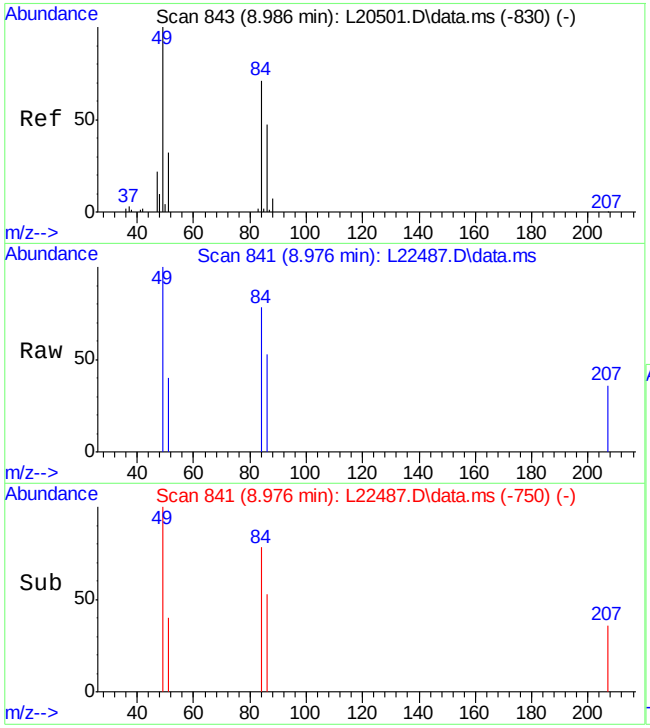


#10
Acetone
Concen: 20.02 ug/Kg
RT: 7.781 min Scan# 622
Delta R.T. -0.005 min
Lab File: L22487.D
Acq: 2 Feb 2013 8:02 pm

Tgt Ion: 58 Resp: 105397

Ion	Ratio	Lower	Upper
58	100		
43	356.8	334.6	374.6

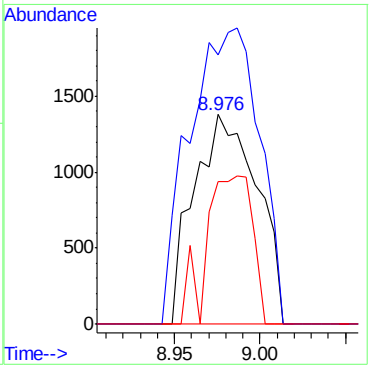


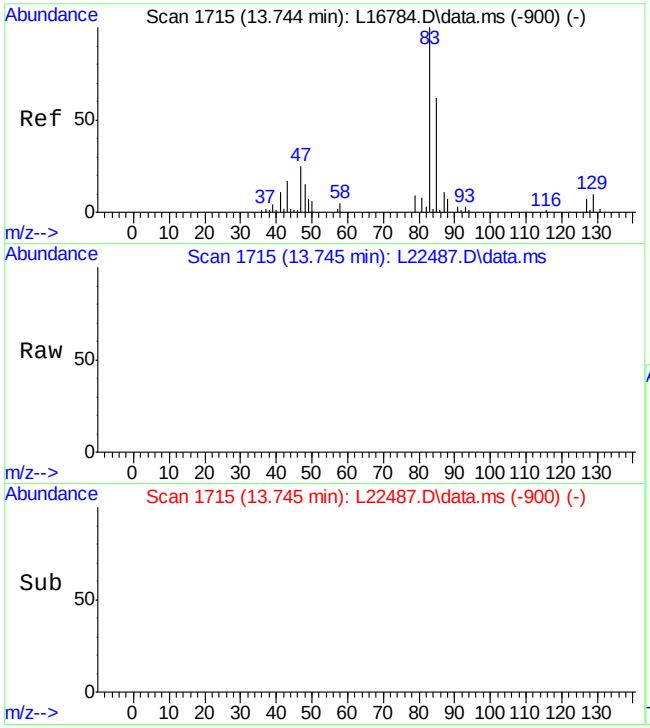


#18
Methylene Chloride
Concen: 0.62 ug/Kg
RT: 8.976 min Scan# 841
Delta R.T. -0.005 min
Lab File: L22487.D
Acq: 2 Feb 2013 8:02 pm

Tgt Ion: 84 Resp: 35690

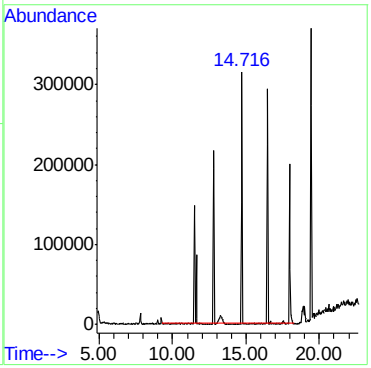
Ion	Ratio	Lower	Upper
84	100		
49	156.5	125.6	165.6
86	51.7	43.6	83.6





#96
TPH-GRO (C6-C10)
Concen: 9.40 ug/Kg m
RT: 13.747 min Scan# 1715
Delta R.T. 0.000 min
Lab File: L22487.D
Acq: 2 Feb 2013 8:02 pm

Tgt Ion:TIC Resp: 2134322



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\L130202\
Data File : L22488.D
Acq On : 2 Feb 2013 8:30 pm
Operator : XINGB
Sample : C25941-11
Misc : MS1656,VL712,5.00,,,,1
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Feb 04 08:05:54 2013
Quant Method : C:\msdchem\1\METHODS\VL702S.M
Quant Title : EPA -8260B
QLast Update : Fri Jan 25 08:45:18 2013
Response via : Initial Calibration

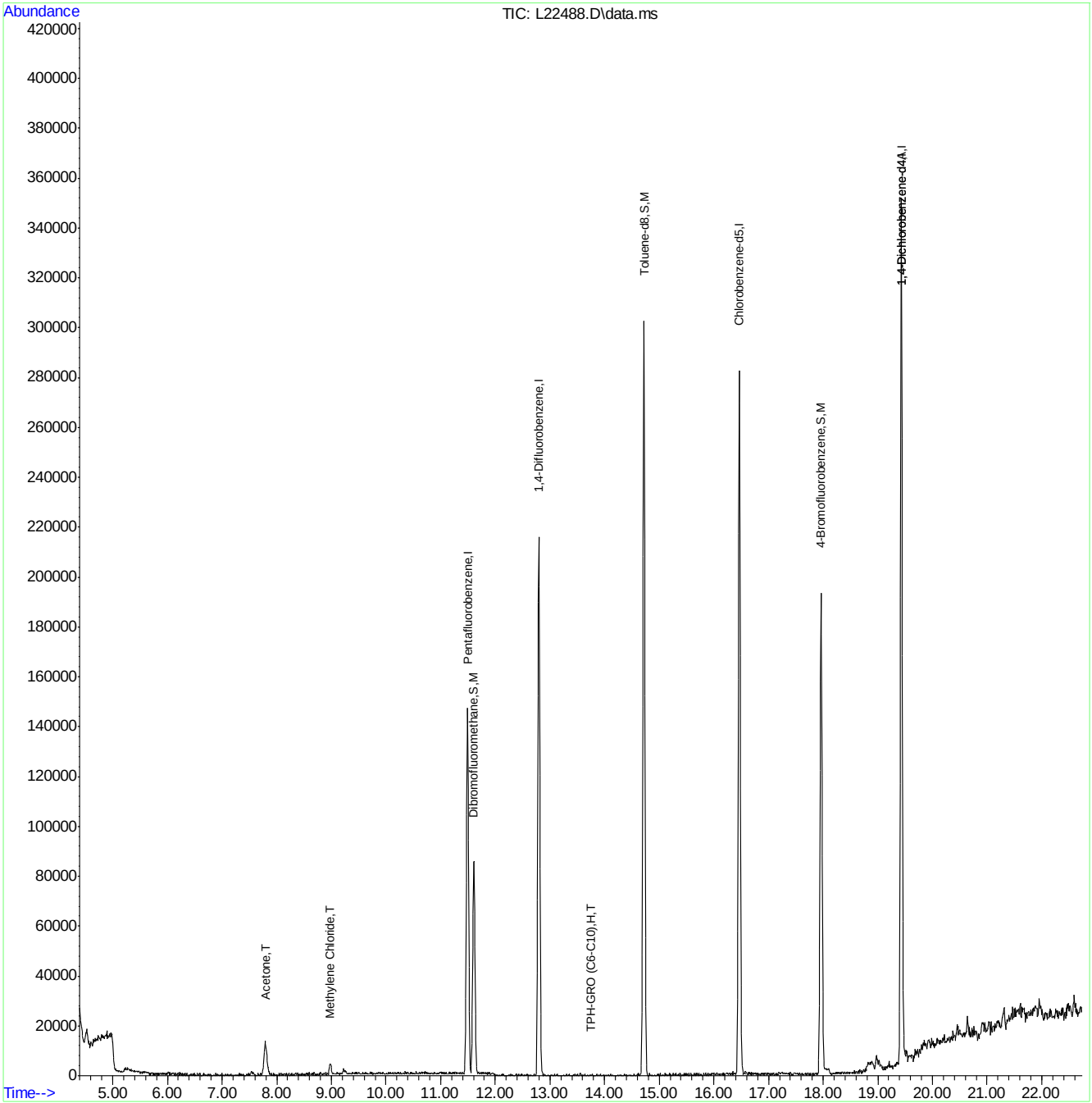
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	11.491	168	1431442	20.00	ug/Kg	0.00
38) 1,4-Difluorobenzene	12.801	114	2406659	20.00	ug/Kg	0.00
52) Chlorobenzene-d5	16.467	117	2131393	20.00	ug/Kg	0.00
74) 1,4-Dichlorobenzene-d4	19.430	152	1074353	20.00	ug/Kg	0.00
95) 1,4-Dichlorobenzene-d4A	19.430	152	1074353	20.00	ug/Kg	-0.02
System Monitoring Compounds						
34) Dibromofluoromethane	11.606	111	792424	20.80	ug/Kg	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 104.00%			
53) Toluene-d8	14.721	98	2790911	19.34	ug/Kg	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 96.70%			
71) 4-Bromofluorobenzene	17.962	95	1066507	19.12	ug/Kg	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 95.60%			
Target Compounds						Qvalue
10) Acetone	7.797	58	98137	18.91	ug/Kg	98
18) Methylene Chloride	8.981	84	32526	0.57	ug/Kg	91
96) TPH-GRO (C6-C10)	13.747	TIC	594891m	2.74	ug/Kg	

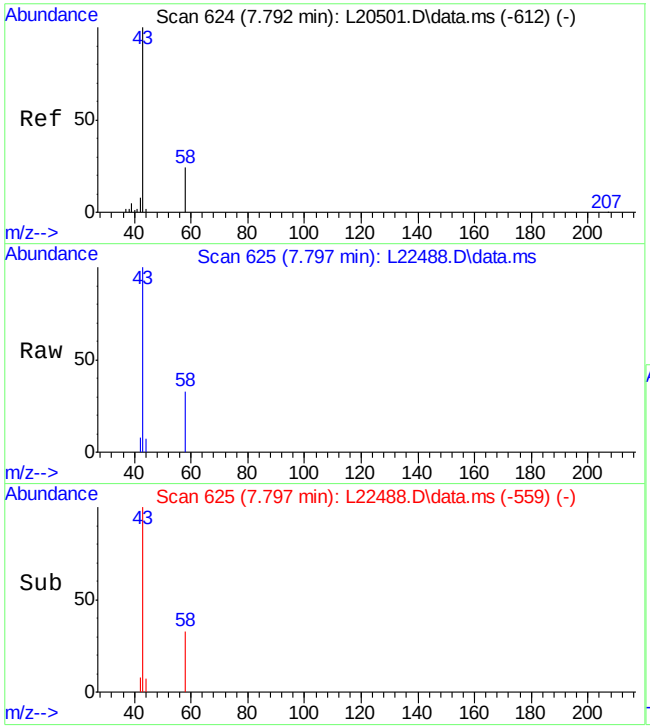
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\L130202\
Data File : L22488.D
Acq On : 2 Feb 2013 8:30 pm
Operator : XINGB
Sample : C25941-11
Misc : MS1656,VL712,5.00,,,,1
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Feb 04 08:05:54 2013
Quant Method : C:\msdchem\1\METHODS\VL702S.M
Quant Title : EPA -8260B
QLast Update : Fri Jan 25 08:45:18 2013
Response via : Initial Calibration

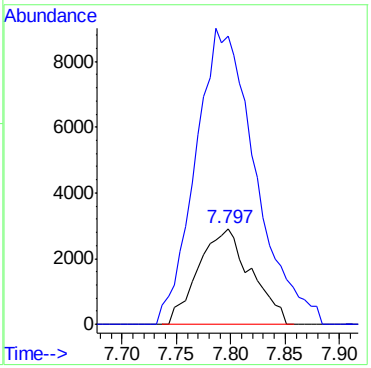


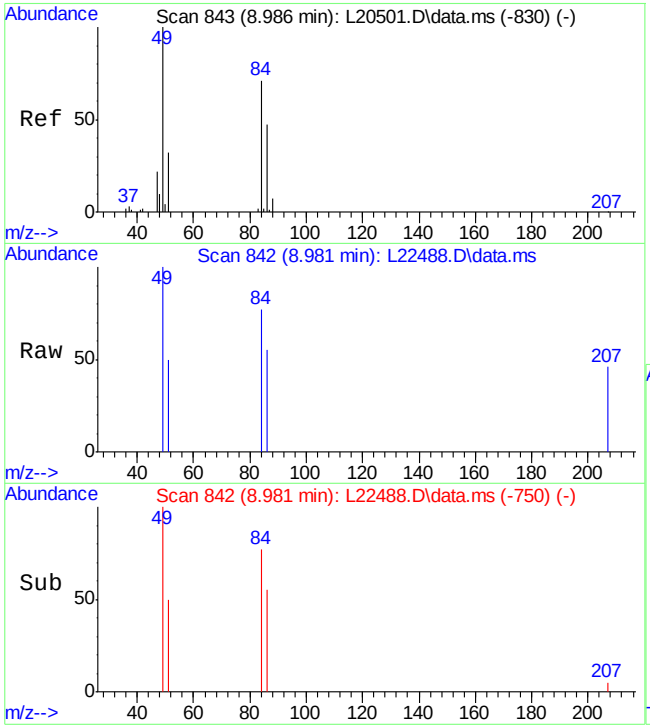


#10
Acetone
Concen: 18.91 ug/Kg
RT: 7.797 min Scan# 625
Delta R.T. 0.011 min
Lab File: L22488.D
Acq: 2 Feb 2013 8:30 pm

Tgt Ion: 58 Resp: 98137

Ion	Ratio	Lower	Upper
58	100		
43	351.2	334.6	374.6

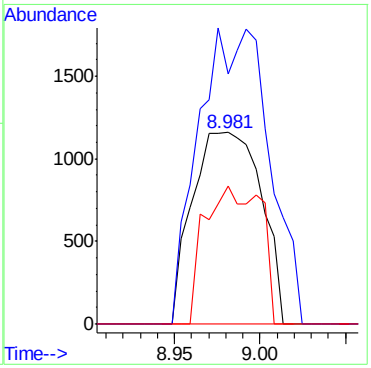


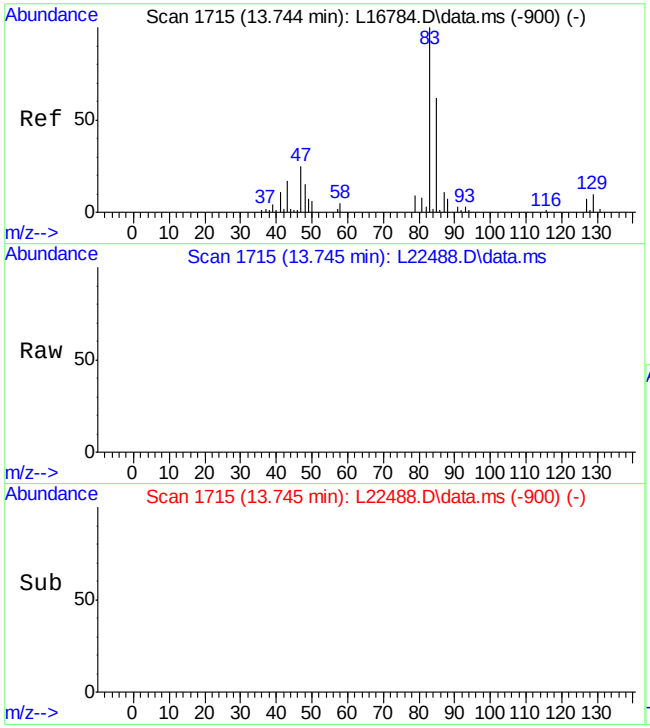


#18
Methylene Chloride
Concen: 0.57 ug/Kg
RT: 8.981 min Scan# 842
Delta R.T. 0.000 min
Lab File: L22488.D
Acq: 2 Feb 2013 8:30 pm

Tgt Ion: 84 Resp: 32526

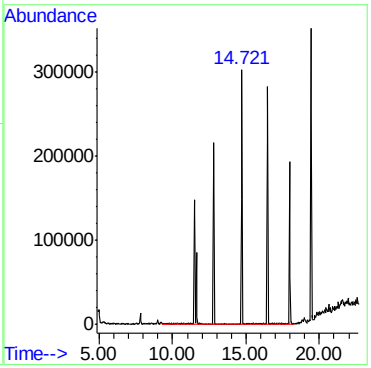
Ion	Ratio	Lower	Upper
84	100		
49	158.1	125.6	165.6
86	58.7	43.6	83.6





#96
TPH-GRO (C6-C10)
Concen: 2.74 ug/Kg m
RT: 13.747 min Scan# 1715
Delta R.T. 0.000 min
Lab File: L22488.D
Acq: 2 Feb 2013 8:30 pm

Tgt Ion:TIC Resp: 594891



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\L130202\
Data File : L22489.D
Acq On : 2 Feb 2013 8:59 pm
Operator : XINGB
Sample : C25941-12
Misc : MS1656,VL712,5.10,,,,1
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Feb 04 07:37:54 2013
Quant Method : C:\msdchem\1\METHODS\VL702S.M
Quant Title : EPA -8260B
QLast Update : Fri Jan 25 08:45:18 2013
Response via : Initial Calibration

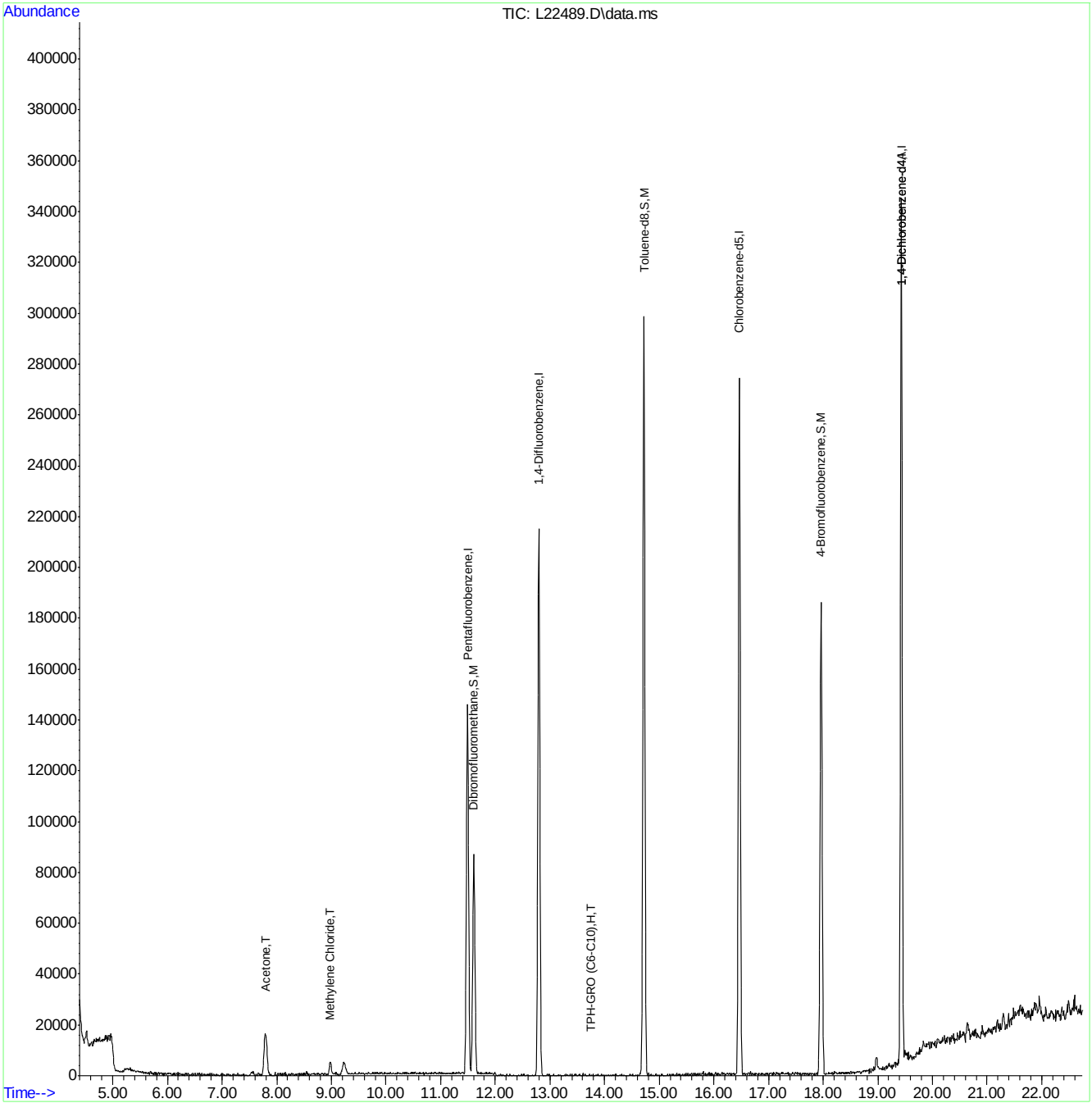
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	11.491	168	1392807	20.00	ug/Kg	0.00
38) 1,4-Difluorobenzene	12.800	114	2404532	20.00	ug/Kg	0.00
52) Chlorobenzene-d5	16.467	117	2091762	20.00	ug/Kg	0.00
74) 1,4-Dichlorobenzene-d4	19.430	152	1073224	20.00	ug/Kg	0.00
95) 1,4-Dichlorobenzene-d4A	19.430	152	1073224	20.00	ug/Kg	-0.02
System Monitoring Compounds						
34) Dibromofluoromethane	11.606	111	789599	21.30	ug/Kg	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 106.50%			
53) Toluene-d8	14.721	98	2740374	19.35	ug/Kg	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 96.75%			
71) 4-Bromofluorobenzene	17.962	95	1051099	19.20	ug/Kg	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 96.00%			
Target Compounds						Qvalue
10) Acetone	7.797	58	113909	22.56	ug/Kg#	83
18) Methylene Chloride	8.981	84	31377	0.57	ug/Kg	90
96) TPH-GRO (C6-C10)	13.747	TIC	206626m	0.95	ug/Kg	

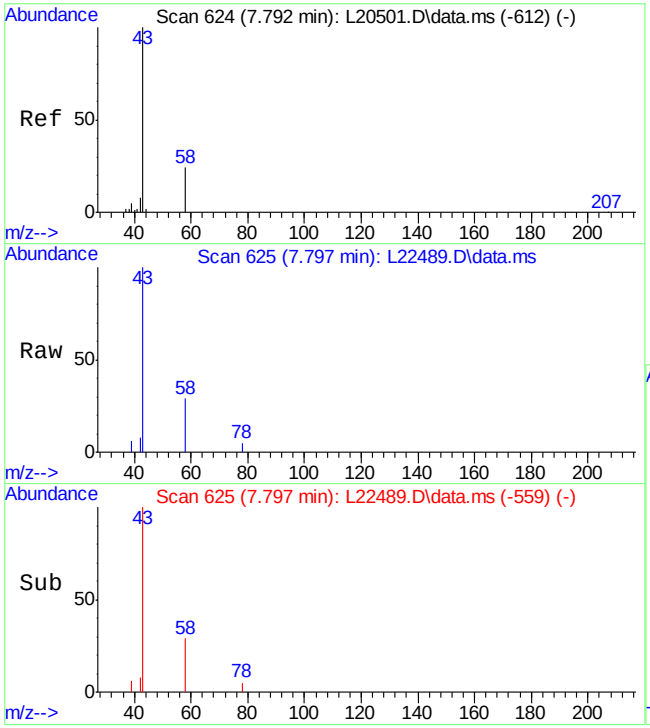
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\L130202\
Data File : L22489.D
Acq On : 2 Feb 2013 8:59 pm
Operator : XINGB
Sample : C25941-12
Misc : MS1656,VL712,5.10,,,,1
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Feb 04 07:37:54 2013
Quant Method : C:\msdchem\1\METHODS\VL702S.M
Quant Title : EPA -8260B
QLast Update : Fri Jan 25 08:45:18 2013
Response via : Initial Calibration

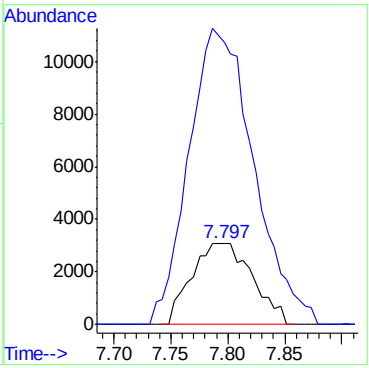


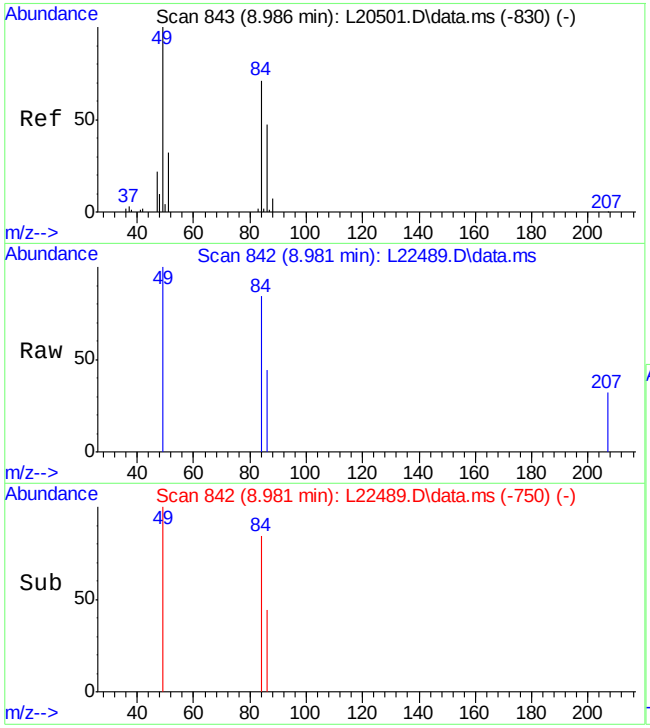


#10
Acetone
Concen: 22.56 ug/Kg
RT: 7.797 min Scan# 625
Delta R.T. 0.011 min
Lab File: L22489.D
Acq: 2 Feb 2013 8:59 pm

Tgt Ion: 58 Resp: 113909

Ion	Ratio	Lower	Upper
58	100		
43	391.4	334.6	374.6#

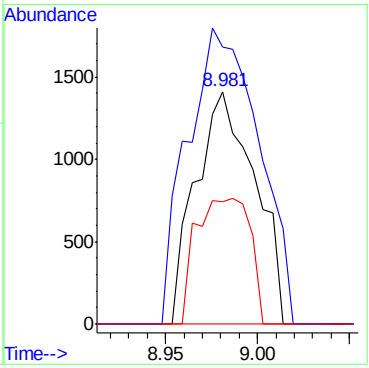


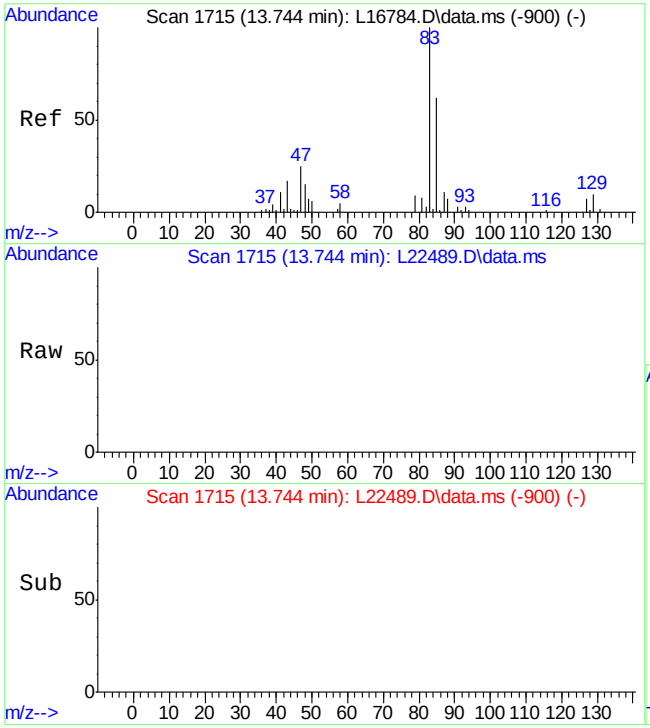


#18
Methylene Chloride
Concen: 0.57 ug/Kg
RT: 8.981 min Scan# 842
Delta R.T. -0.000 min
Lab File: L22489.D
Acq: 2 Feb 2013 8:59 pm

Tgt Ion: 84 Resp: 31377

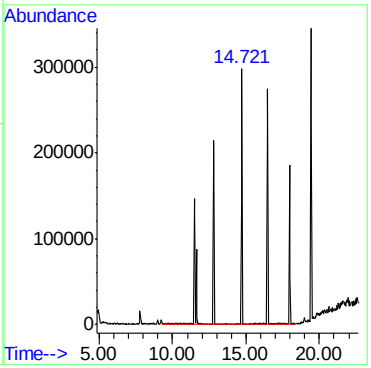
Ion	Ratio	Lower	Upper
84	100		
49	153.6	125.6	165.6
86	49.3	43.6	83.6





#96
TPH-GRO (C6-C10)
Concen: 0.95 ug/Kg m
RT: 13.747 min Scan# 1715
Delta R.T. 0.000 min
Lab File: L22489.D
Acq: 2 Feb 2013 8:59 pm

Tgt Ion:TIC Resp: 206626



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\L130202\
Data File : L22490.D
Acq On : 2 Feb 2013 9:28 pm
Operator : XINGB
Sample : C25941-13
Misc : MS1656,VL712,5.02,,,,1
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Feb 04 07:37:56 2013
Quant Method : C:\msdchem\1\METHODS\VL702S.M
Quant Title : EPA -8260B
QLast Update : Fri Jan 25 08:45:18 2013
Response via : Initial Calibration

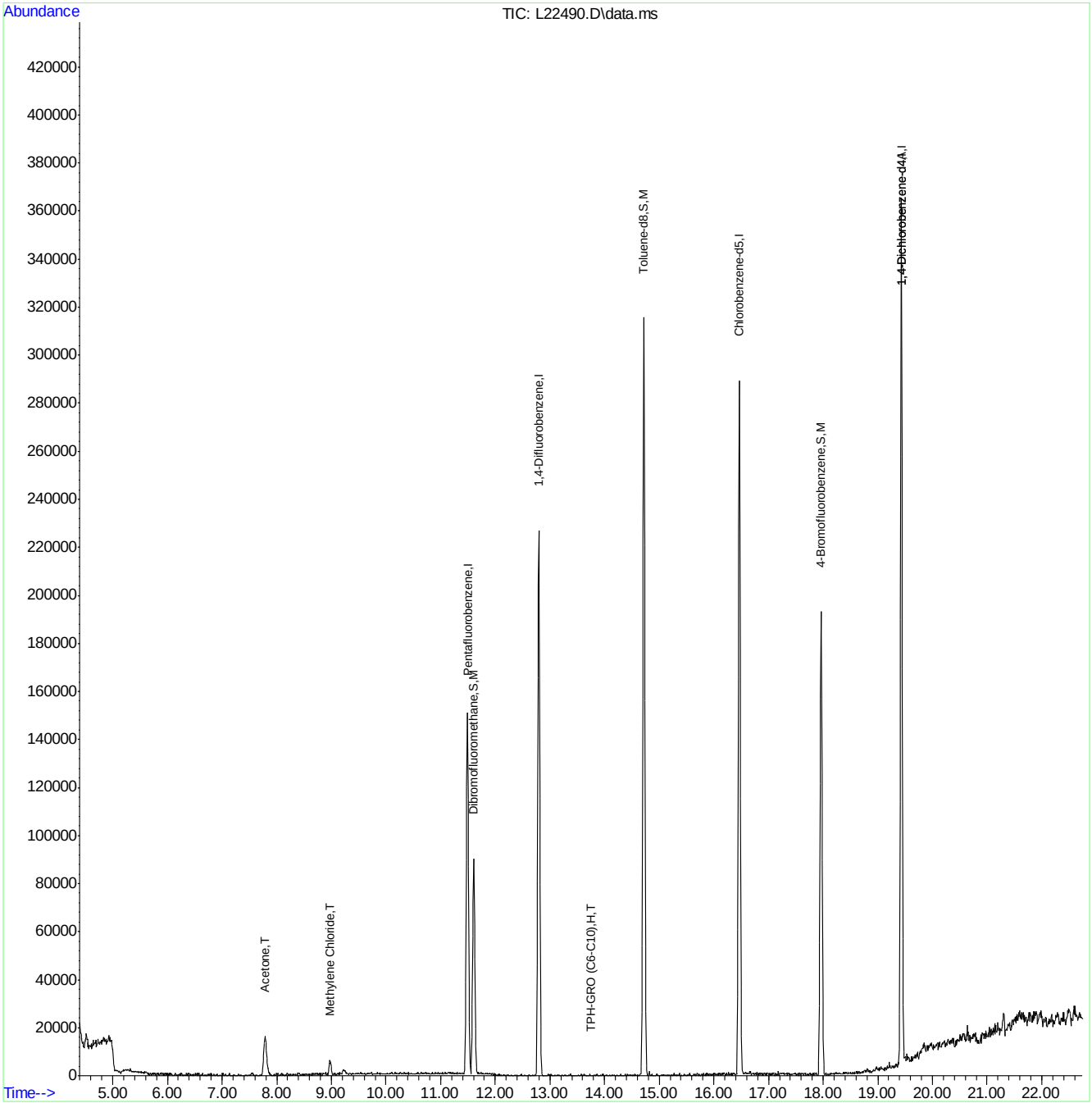
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	11.491	168	1482850	20.00	ug/Kg	0.00
38) 1,4-Difluorobenzene	12.795	114	2501944	20.00	ug/Kg	0.00
52) Chlorobenzene-d5	16.467	117	2219341	20.00	ug/Kg	0.00
74) 1,4-Dichlorobenzene-d4	19.430	152	1106797	20.00	ug/Kg	0.00
95) 1,4-Dichlorobenzene-d4A	19.430	152	1106797	20.00	ug/Kg	-0.02
System Monitoring Compounds						
34) Dibromofluoromethane	11.606	111	822479	20.84	ug/Kg	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 104.20%			
53) Toluene-d8	14.716	98	2890584	19.23	ug/Kg	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 96.15%			
71) 4-Bromofluorobenzene	17.962	95	1088150	18.73	ug/Kg	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 93.65%			
Target Compounds						Qvalue
10) Acetone	7.786	58	116492	21.67	ug/Kg	95
18) Methylene Chloride	8.976	84	42739	0.73	ug/Kg	91
96) TPH-GRO (C6-C10)	13.747	TIC	278894m	1.25	ug/Kg	

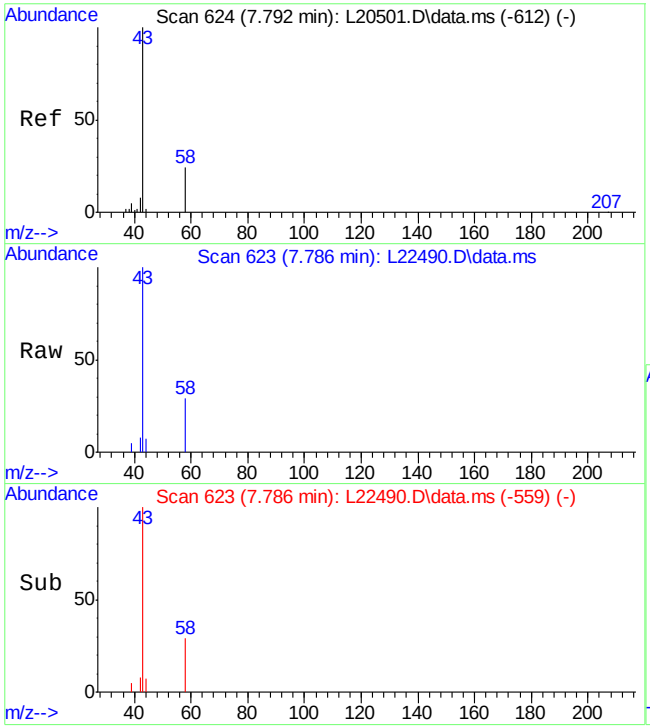
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\L130202\
Data File : L22490.D
Acq On : 2 Feb 2013 9:28 pm
Operator : XINGB
Sample : C25941-13
Misc : MS1656,VL712,5.02,,,,1
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Feb 04 07:37:56 2013
Quant Method : C:\msdchem\1\METHODS\VL702S.M
Quant Title : EPA -8260B
QLast Update : Fri Jan 25 08:45:18 2013
Response via : Initial Calibration

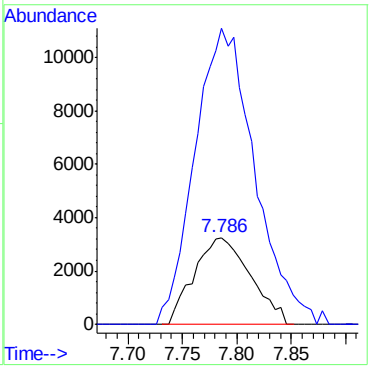


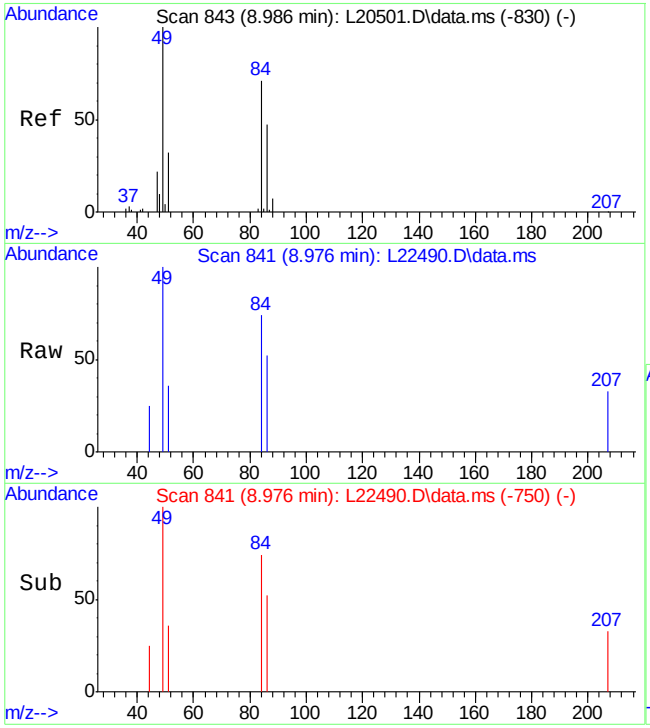


#10
Acetone
Concen: 21.67 ug/Kg
RT: 7.786 min Scan# 623
Delta R.T. -0.000 min
Lab File: L22490.D
Acq: 2 Feb 2013 9:28 pm

Tgt Ion: 58 Resp: 116492

Ion	Ratio	Lower	Upper
58	100		
43	364.5	334.6	374.6

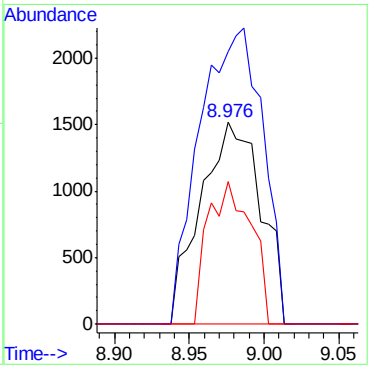


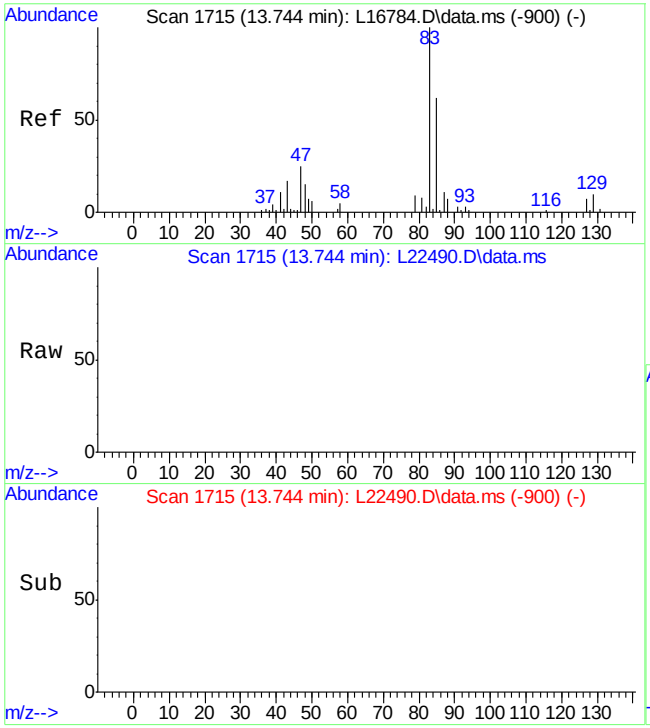


#18
Methylene Chloride
Concen: 0.73 ug/Kg
RT: 8.976 min Scan# 841
Delta R.T. -0.005 min
Lab File: L22490.D
Acq: 2 Feb 2013 9:28 pm

Tgt Ion: 84 Resp: 42739

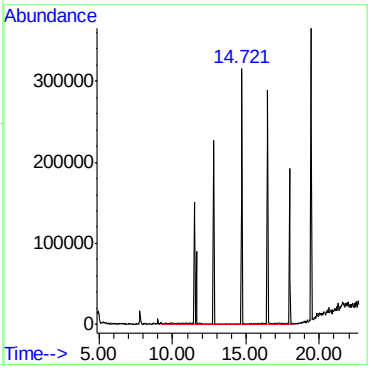
Ion	Ratio	Lower	Upper
84	100		
49	153.1	125.6	165.6
86	50.3	43.6	83.6





#96
TPH-GRO (C6-C10)
Concen: 1.25 ug/Kg m
RT: 13.747 min Scan# 1715
Delta R.T. 0.000 min
Lab File: L22490.D
Acq: 2 Feb 2013 9:28 pm

Tgt Ion:TIC Resp: 278894



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\L130202\
Data File : L22491.D
Acq On : 2 Feb 2013 9:56 pm
Operator : XINGB
Sample : C25941-14
Misc : MS1656,VL712,5.07,,,,1
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Feb 04 07:37:58 2013
Quant Method : C:\msdchem\1\METHODS\VL702S.M
Quant Title : EPA -8260B
QLast Update : Fri Jan 25 08:45:18 2013
Response via : Initial Calibration

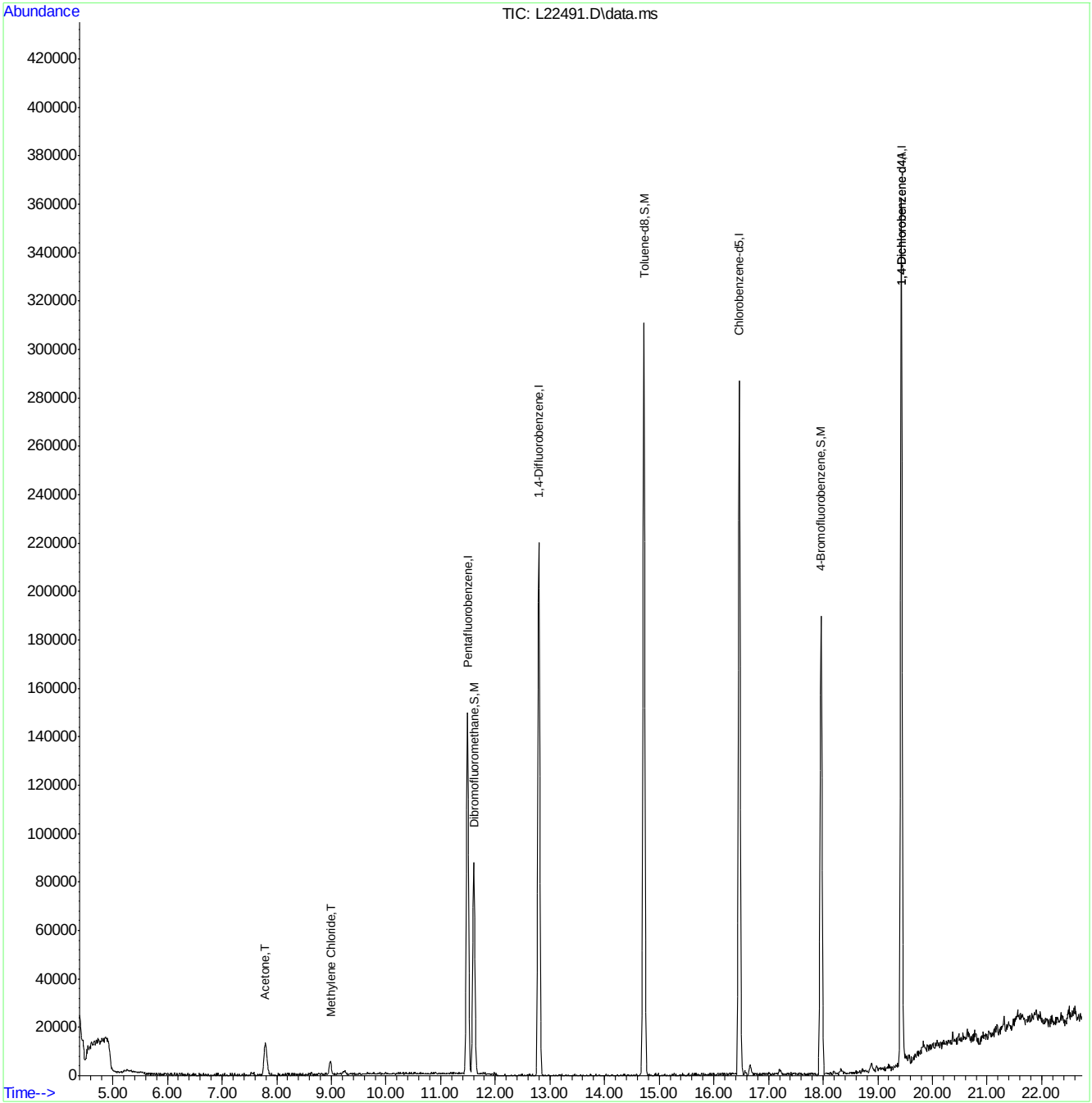
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	11.491	168	1463295	20.00	ug/Kg	0.00
38) 1,4-Difluorobenzene	12.801	114	2468258	20.00	ug/Kg	0.00
52) Chlorobenzene-d5	16.467	117	2160681	20.00	ug/Kg	0.00
74) 1,4-Dichlorobenzene-d4	19.430	152	1093743	20.00	ug/Kg	0.00
95) 1,4-Dichlorobenzene-d4A	19.430	152	1093743	20.00	ug/Kg	-0.02
System Monitoring Compounds						
34) Dibromofluoromethane	11.611	111	805483	20.68	ug/Kg	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 103.40%			
53) Toluene-d8	14.721	98	2835575	19.38	ug/Kg	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 96.90%			
71) 4-Bromofluorobenzene	17.962	95	1084150	19.17	ug/Kg	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 95.85%			
Target Compounds						Qvalue
10) Acetone	7.786	58	97160	18.32	ug/Kg	91
18) Methylene Chloride	8.987	84	37409	0.65	ug/Kg	87
96) TPH-GRO (C6-C10)	13.747	TIC	-84670m	Below Cal		

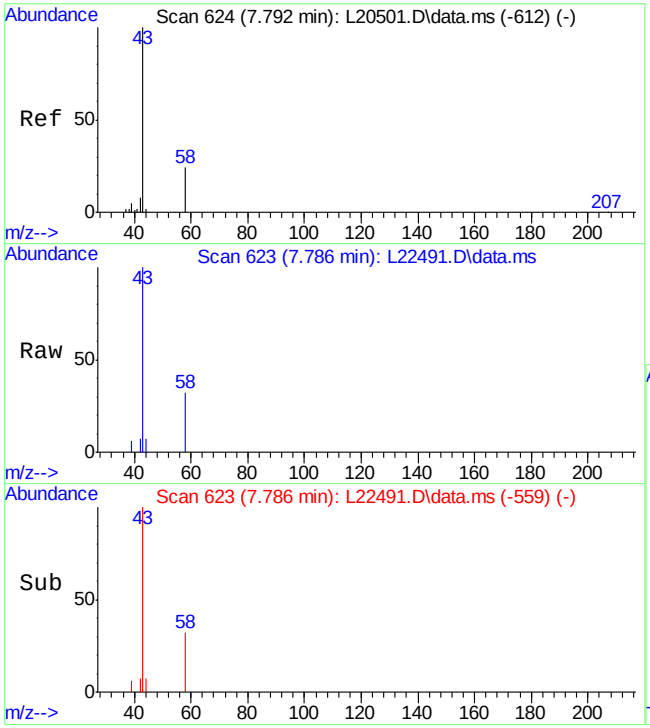
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\L130202\
Data File : L22491.D
Acq On : 2 Feb 2013 9:56 pm
Operator : XINGB
Sample : C25941-14
Misc : MS1656,VL712,5.07,,,,1
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Feb 04 07:37:58 2013
Quant Method : C:\msdchem\1\METHODS\VL702S.M
Quant Title : EPA -8260B
QLast Update : Fri Jan 25 08:45:18 2013
Response via : Initial Calibration

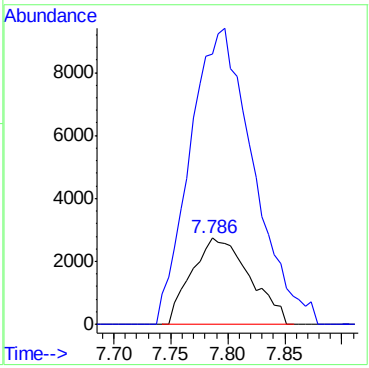


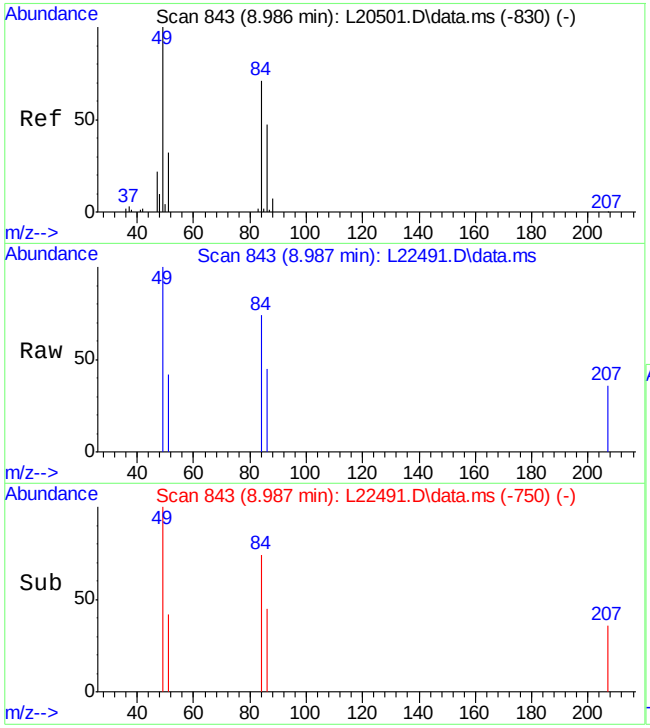


#10
Acetone
Concen: 18.32 ug/Kg
RT: 7.786 min Scan# 623
Delta R.T. 0.000 min
Lab File: L22491.D
Acq: 2 Feb 2013 9:56 pm

Tgt Ion: 58 Resp: 97160

Ion	Ratio	Lower	Upper
58	100		
43	373.4	334.6	374.6

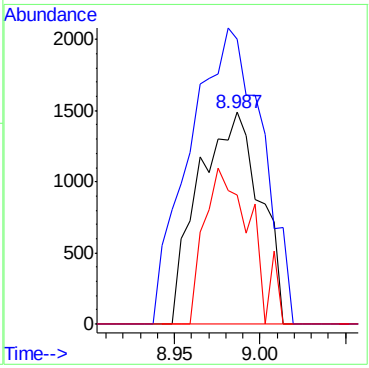




#18
Methylene Chloride
Concen: 0.65 ug/Kg
RT: 8.987 min Scan# 843
Delta R.T. 0.005 min
Lab File: L22491.D
Acq: 2 Feb 2013 9:56 pm

Tgt Ion: 84 Resp: 37409

Ion	Ratio	Lower	Upper
84	100		
49	163.7	125.6	165.6
86	56.0	43.6	83.6



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\L130205\
Data File : L22542.D
Acq On : 5 Feb 2013 12:43 pm
Operator : XINGB
Sample : C25941-15
Misc : MS1656,VL714,5.02,,,,1
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Feb 06 09:53:32 2013
Quant Method : C:\msdchem\1\METHODS\VL702S.M
Quant Title : EPA -8260B
QLast Update : Fri Jan 25 08:45:18 2013
Response via : Initial Calibration

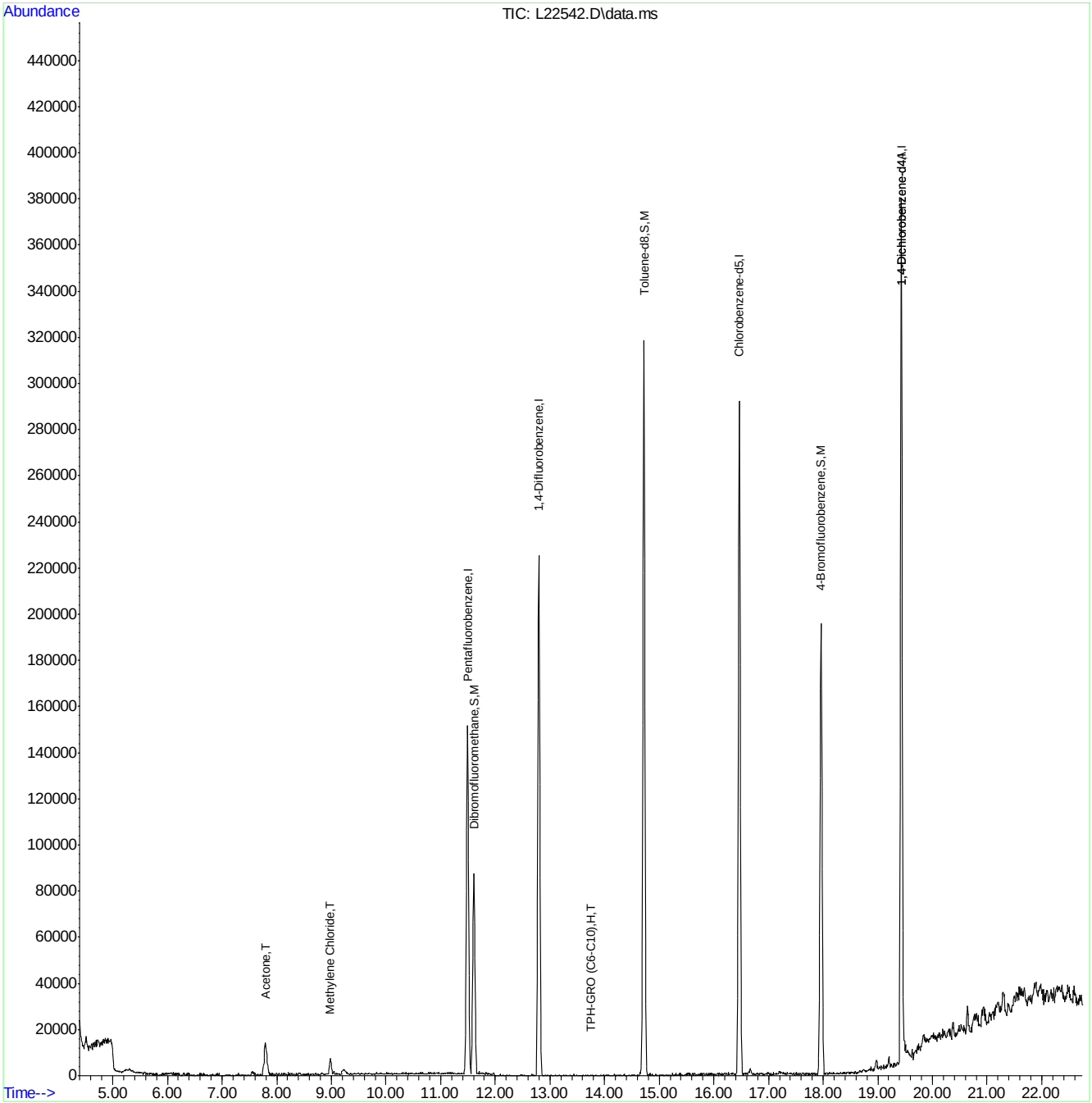
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	11.491	168	1466195	20.00	ug/Kg	0.00
38) 1,4-Difluorobenzene	12.801	114	2498393	20.00	ug/Kg	0.00
52) Chlorobenzene-d5	16.467	117	2212893	20.00	ug/Kg	0.00
74) 1,4-Dichlorobenzene-d4	19.430	152	1153021	20.00	ug/Kg	0.00
95) 1,4-Dichlorobenzene-d4A	19.430	152	1153021	20.00	ug/Kg	-0.02
System Monitoring Compounds						
34) Dibromofluoromethane	11.611	111	820741	21.03	ug/Kg	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 105.15%			
53) Toluene-d8	14.721	98	2879181	19.21	ug/Kg	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 96.05%			
71) 4-Bromofluorobenzene	17.957	95	1123311	19.40	ug/Kg	-0.01
Spiked Amount 20.000	Range 70 - 130		Recovery = 97.00%			
Target Compounds						Qvalue
10) Acetone	7.797	58	100928	18.99	ug/Kg	100
18) Methylene Chloride	8.981	84	40739	0.70	ug/Kg	85
96) TPH-GRO (C6-C10)	13.747	TIC	295284m	1.27	ug/Kg	

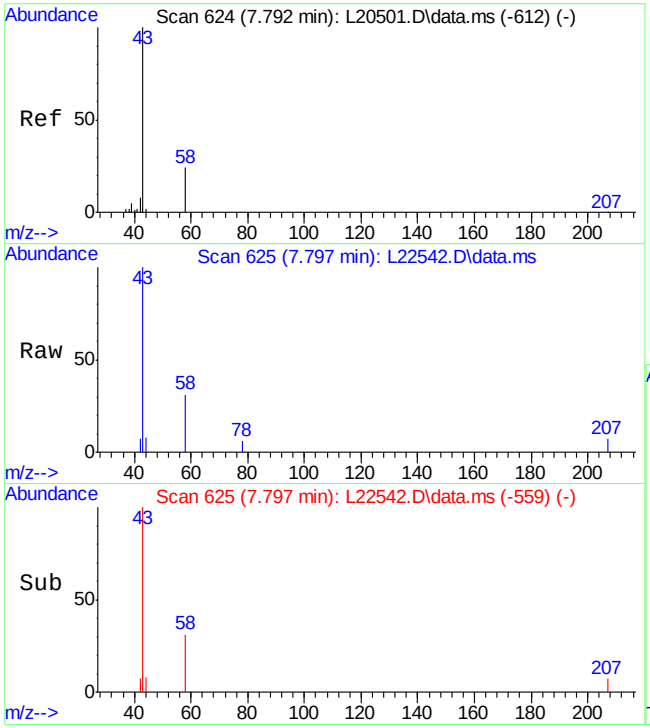
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\L130205\
Data File : L22542.D
Acq On : 5 Feb 2013 12:43 pm
Operator : XINGB
Sample : C25941-15
Misc : MS1656,VL714,5.02,,,,1
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Feb 06 09:53:32 2013
Quant Method : C:\msdchem\1\METHODS\VL702S.M
Quant Title : EPA -8260B
QLast Update : Fri Jan 25 08:45:18 2013
Response via : Initial Calibration

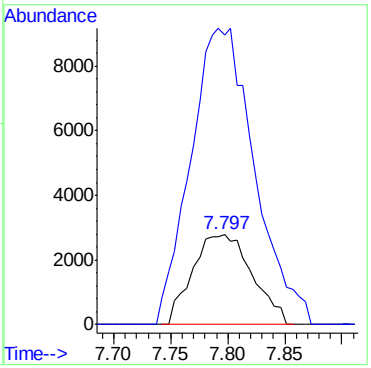


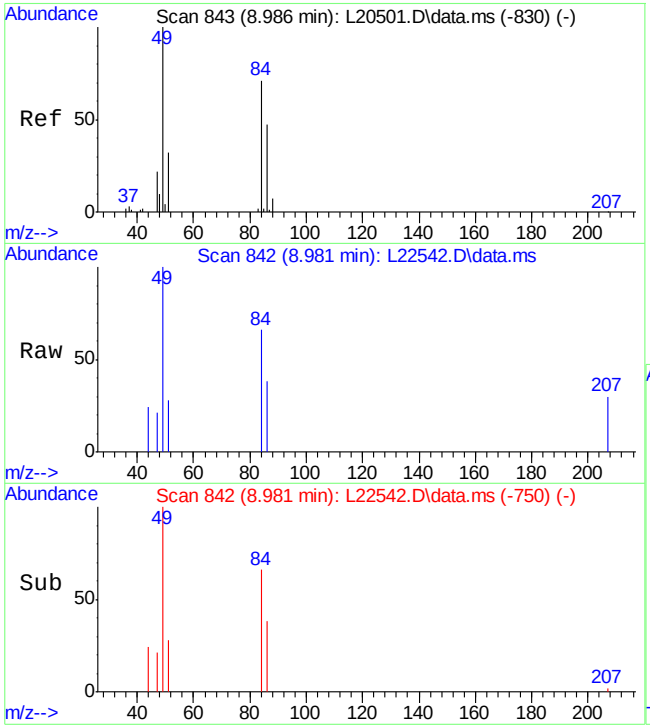


#10
Acetone
Concen: 18.99 ug/Kg
RT: 7.797 min Scan# 625
Delta R.T. 0.011 min
Lab File: L22542.D
Acq: 5 Feb 2013 12:43 pm

Tgt Ion: 58 Resp: 100928

Ion	Ratio	Lower	Upper
58	100		
43	354.2	334.6	374.6

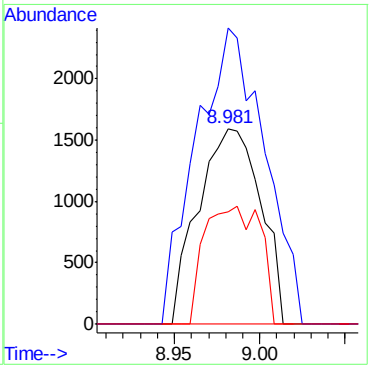


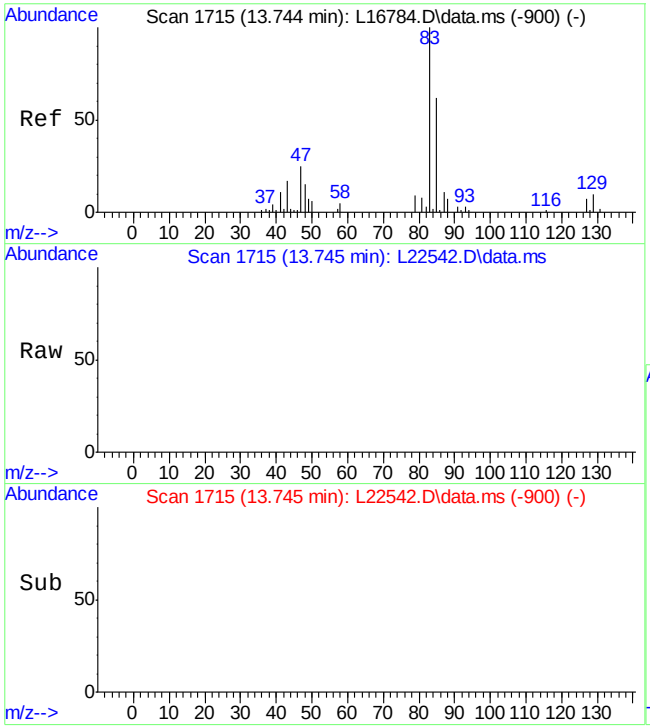


#18
Methylene Chloride
Concen: 0.70 ug/Kg
RT: 8.981 min Scan# 842
Delta R.T. 0.000 min
Lab File: L22542.D
Acq: 5 Feb 2013 12:43 pm

Tgt Ion: 84 Resp: 40739

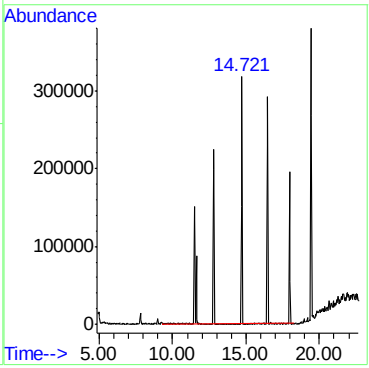
Ion	Ratio	Lower	Upper
84	100		
49	165.5	125.6	165.6
86	54.0	43.6	83.6





#96
TPH-GRO (C6-C10)
Concen: 1.27 ug/Kg m
RT: 13.747 min Scan# 1715
Delta R.T. 0.000 min
Lab File: L22542.D
Acq: 5 Feb 2013 12:43 pm

Tgt Ion:TIC Resp: 295284



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\L130205\
Data File : L22543.D
Acq On : 5 Feb 2013 1:12 pm
Operator : XINGB
Sample : C25941-16
Misc : MS1656,VL714,5.13,,,,1
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Feb 06 09:53:34 2013
Quant Method : C:\msdchem\1\METHODS\VL702S.M
Quant Title : EPA -8260B
QLast Update : Fri Jan 25 08:45:18 2013
Response via : Initial Calibration

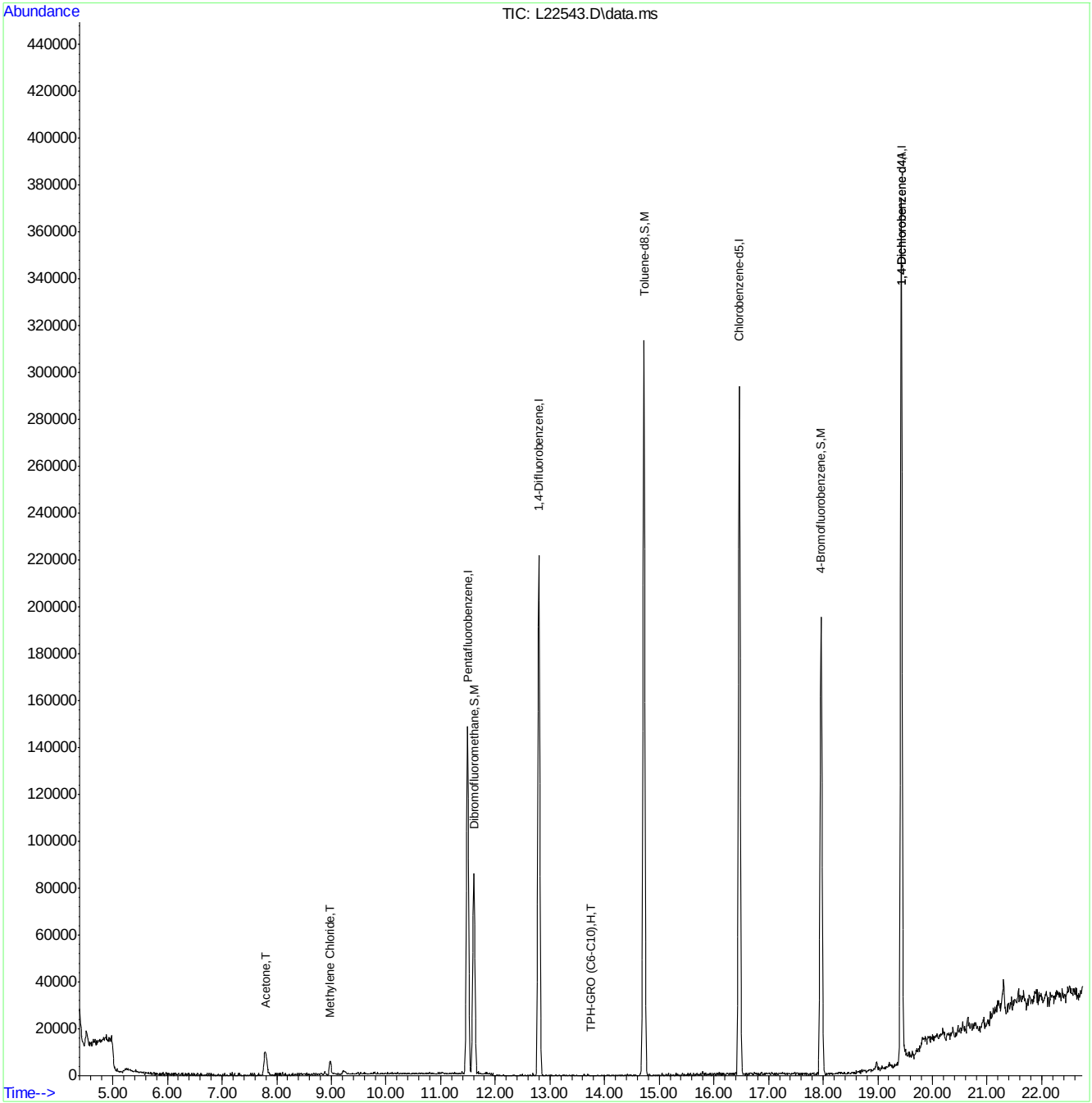
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	11.491	168	1430797	20.00	ug/Kg	0.00
38) 1,4-Difluorobenzene	12.800	114	2464269	20.00	ug/Kg	0.00
52) Chlorobenzene-d5	16.467	117	2201769	20.00	ug/Kg	0.00
74) 1,4-Dichlorobenzene-d4	19.430	152	1152597	20.00	ug/Kg	0.00
95) 1,4-Dichlorobenzene-d4A	19.430	152	1152597	20.00	ug/Kg	-0.02
System Monitoring Compounds						
34) Dibromofluoromethane	11.611	111	797108	20.93	ug/Kg	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 104.65%			
53) Toluene-d8	14.721	98	2845161	19.08	ug/Kg	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 95.40%			
71) 4-Bromofluorobenzene	17.962	95	1119616	19.43	ug/Kg	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 97.15%			
Target Compounds						Qvalue
10) Acetone	7.797	58	70175	13.53	ug/Kg	93
18) Methylene Chloride	8.976	84	36328	0.64	ug/Kg#	86
96) TPH-GRO (C6-C10)	13.747	TIC	205554m	0.88	ug/Kg	

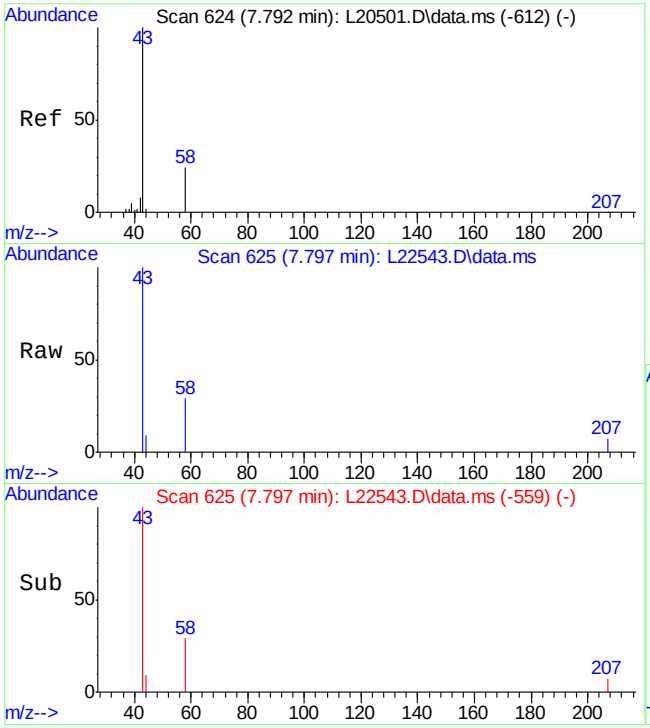
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\L130205\
Data File : L22543.D
Acq On : 5 Feb 2013 1:12 pm
Operator : XINGB
Sample : C25941-16
Misc : MS1656,VL714,5.13,,,,1
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Feb 06 09:53:34 2013
Quant Method : C:\msdchem\1\METHODS\VL702S.M
Quant Title : EPA -8260B
QLast Update : Fri Jan 25 08:45:18 2013
Response via : Initial Calibration

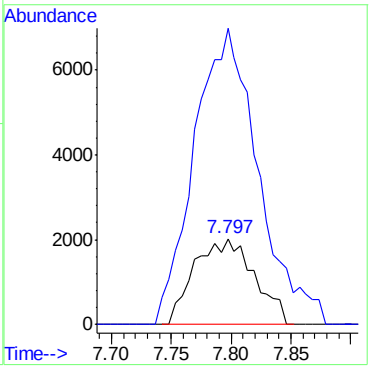


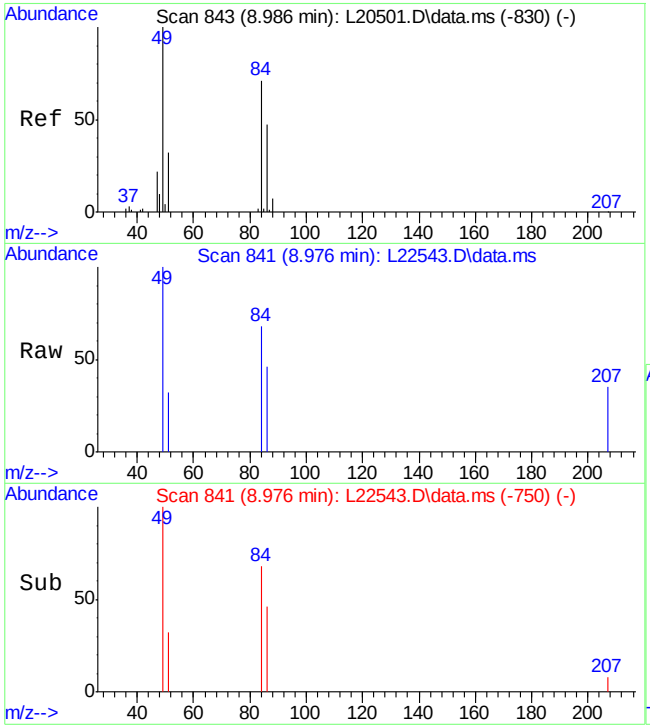


#10
Acetone
Concen: 13.53 ug/Kg
RT: 7.797 min Scan# 625
Delta R.T. 0.011 min
Lab File: L22543.D
Acq: 5 Feb 2013 1:12 pm

Tgt Ion: 58 Resp: 70175

Ion	Ratio	Lower	Upper
58	100		
43	370.2	334.6	374.6

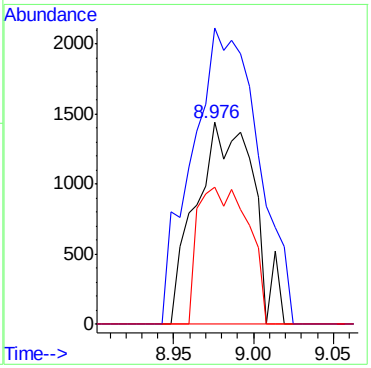


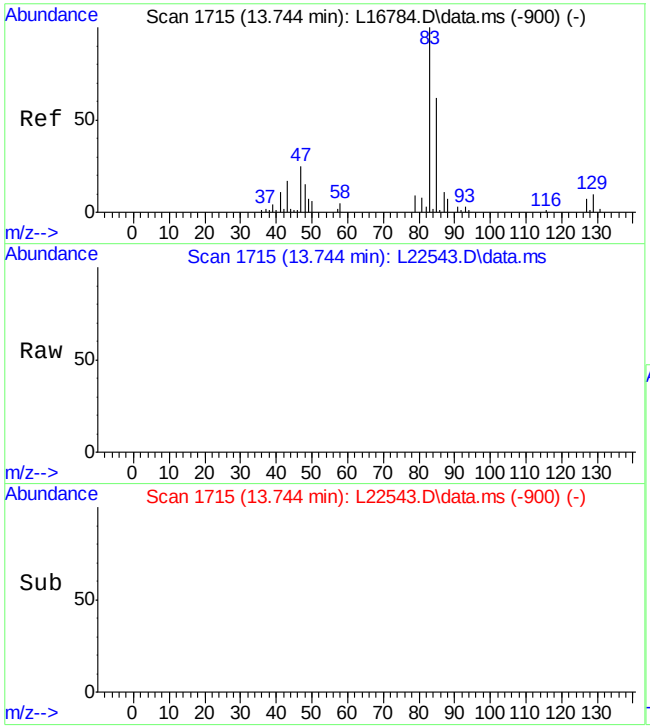


#18
Methylene Chloride
Concen: 0.64 ug/Kg
RT: 8.976 min Scan# 841
Delta R.T. -0.006 min
Lab File: L22543.D
Acq: 5 Feb 2013 1:12 pm

Tgt Ion: 84 Resp: 36328

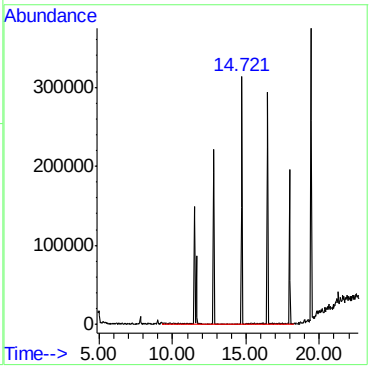
Ion	Ratio	Lower	Upper
84	100		
49	168.2	125.6	165.6#
86	59.7	43.6	83.6





#96
TPH-GRO (C6-C10)
Concen: 0.88 ug/Kg m
RT: 13.747 min Scan# 1715
Delta R.T. 0.000 min
Lab File: L22543.D
Acq: 5 Feb 2013 1:12 pm

Tgt Ion:TIC Resp: 205554



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\L130205\
Data File : L22544.D
Acq On : 5 Feb 2013 1:41 pm
Operator : XINGB
Sample : C25941-17
Misc : MS1656,VL714,5.04,,,,1
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Feb 06 09:53:36 2013
Quant Method : C:\msdchem\1\METHODS\VL702S.M
Quant Title : EPA -8260B
QLast Update : Fri Jan 25 08:45:18 2013
Response via : Initial Calibration

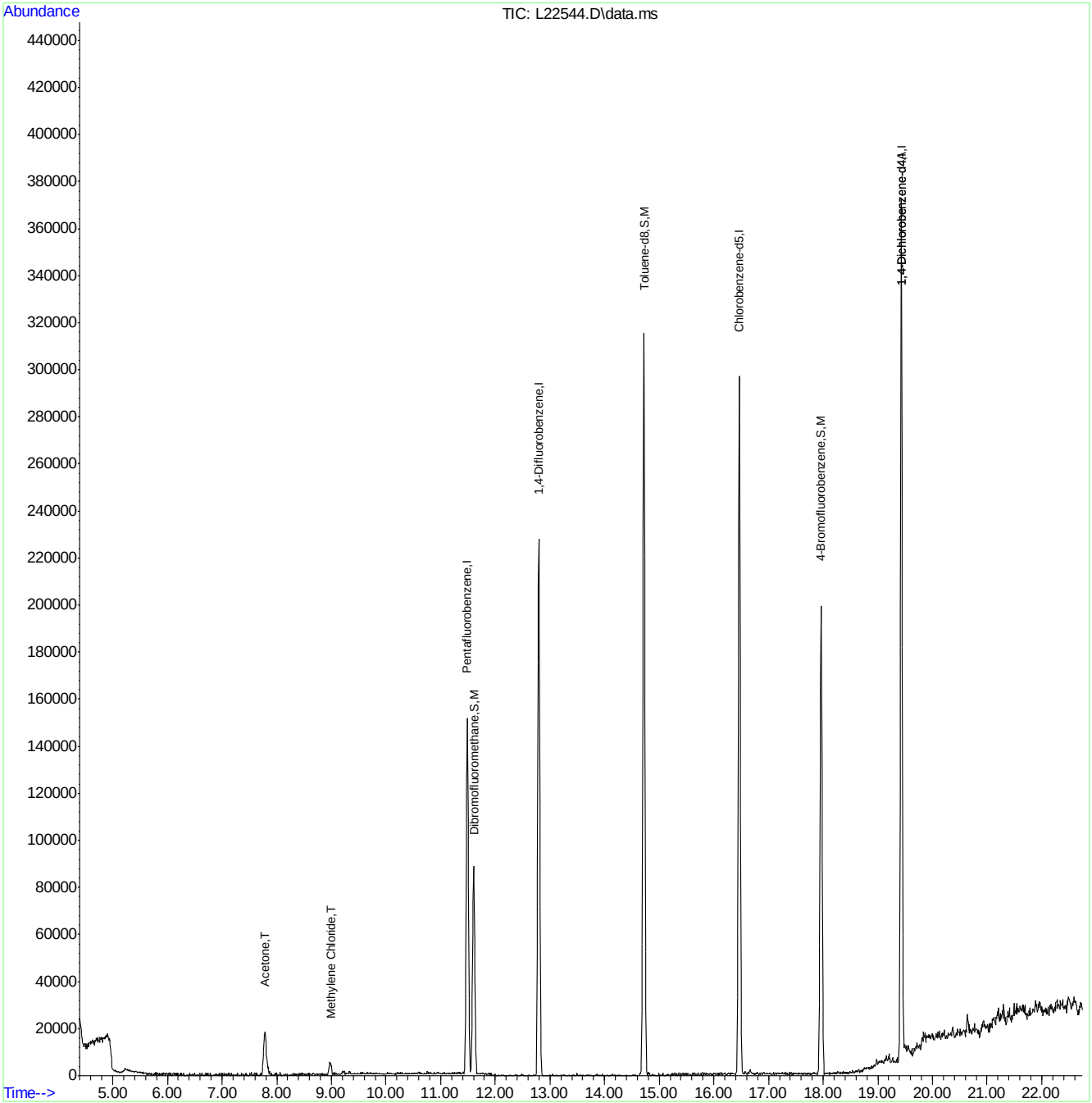
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	11.486	168	1470153	20.00	ug/Kg	0.00
38) 1,4-Difluorobenzene	12.795	114	2507732	20.00	ug/Kg	0.00
52) Chlorobenzene-d5	16.467	117	2225446	20.00	ug/Kg	0.00
74) 1,4-Dichlorobenzene-d4	19.430	152	1144785	20.00	ug/Kg	0.00
95) 1,4-Dichlorobenzene-d4A	19.430	152	1144785	20.00	ug/Kg	-0.02
System Monitoring Compounds						
34) Dibromofluoromethane	11.611	111	814185	20.81	ug/Kg	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 104.05%			
53) Toluene-d8	14.721	98	2905387	19.28	ug/Kg	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 96.40%			
71) 4-Bromofluorobenzene	17.962	95	1123201	19.29	ug/Kg	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 96.45%			
Target Compounds						Qvalue
10) Acetone	7.786	58	135763	25.47	ug/Kg	94
18) Methylene Chloride	8.987	84	42307	0.73	ug/Kg	95
96) TPH-GRO (C6-C10)	13.747	TIC	-20214m	Below Cal		

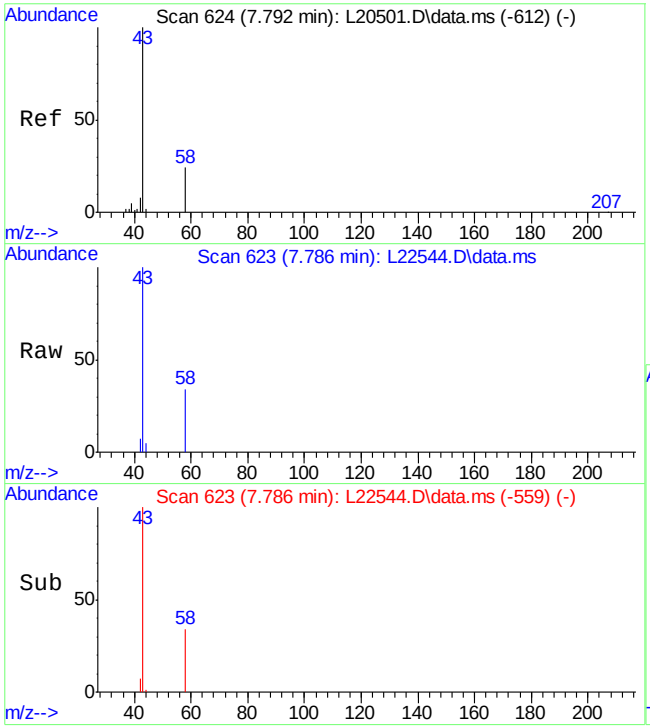
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\L130205\
Data File : L22544.D
Acq On : 5 Feb 2013 1:41 pm
Operator : XINGB
Sample : C25941-17
Misc : MS1656,VL714,5.04,,,,1
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Feb 06 09:53:36 2013
Quant Method : C:\msdchem\1\METHODS\VL702S.M
Quant Title : EPA -8260B
QLast Update : Fri Jan 25 08:45:18 2013
Response via : Initial Calibration

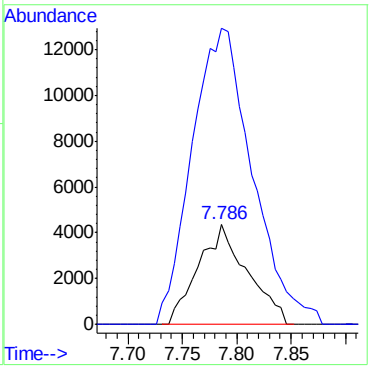


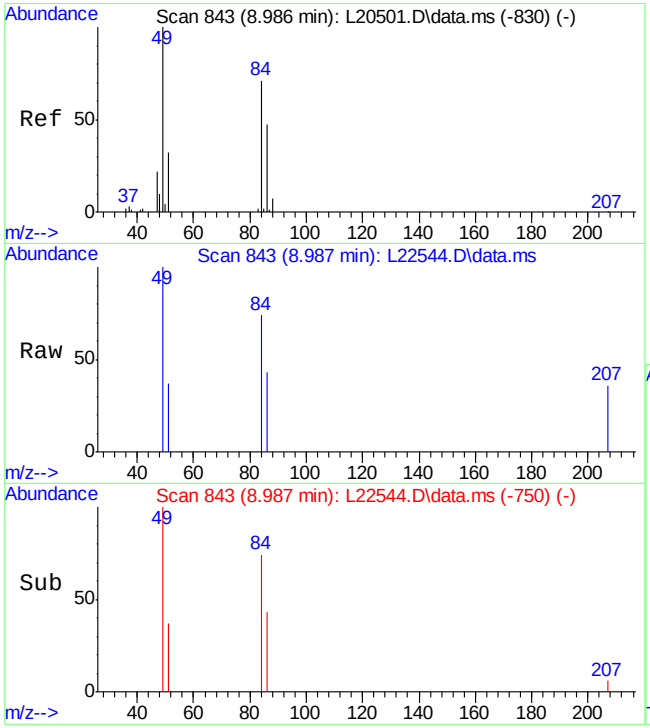


#10
Acetone
Concen: 25.47 ug/Kg
RT: 7.786 min Scan# 623
Delta R.T. 0.000 min
Lab File: L22544.D
Acq: 5 Feb 2013 1:41 pm

Tgt Ion: 58 Resp: 135763

Ion	Ratio	Lower	Upper
58	100		
43	367.8	334.6	374.6

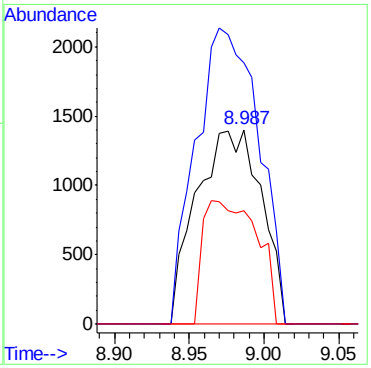




#18
Methylene Chloride
Concen: 0.73 ug/Kg
RT: 8.987 min Scan# 843
Delta R.T. 0.005 min
Lab File: L22544.D
Acq: 5 Feb 2013 1:41 pm

Tgt Ion: 84 Resp: 42307

Ion	Ratio	Lower	Upper
84	100		
49	148.0	125.6	165.6
86	53.0	43.6	83.6



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\L130205\
Data File : L22545.D
Acq On : 5 Feb 2013 2:10 pm
Operator : XINGB
Sample : C25941-18
Misc : MS1656,VL714,5.12,,,,1
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Feb 06 09:53:39 2013
Quant Method : C:\msdchem\1\METHODS\VL702S.M
Quant Title : EPA -8260B
QLast Update : Fri Jan 25 08:45:18 2013
Response via : Initial Calibration

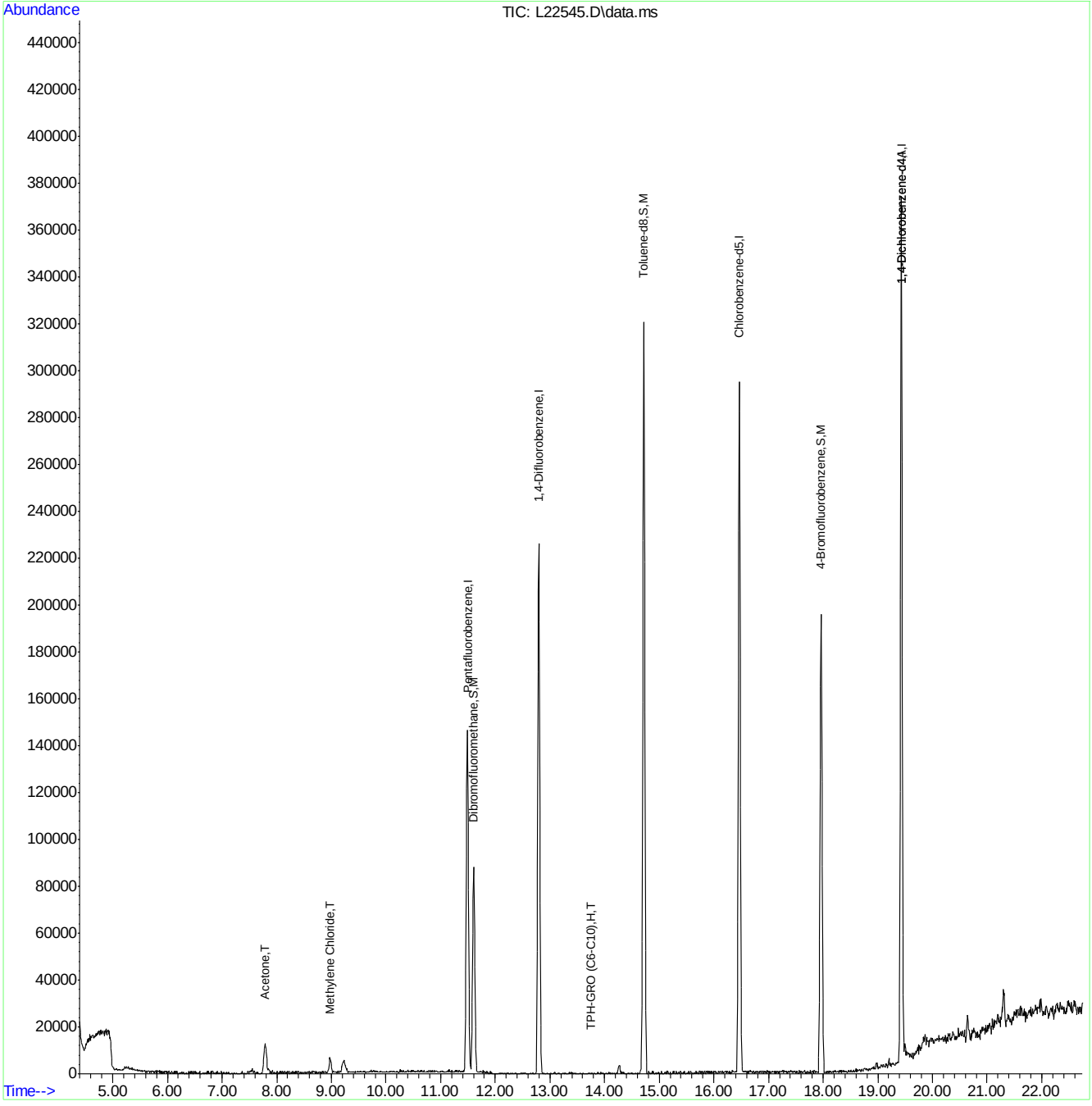
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	11.491	168	1433856	20.00	ug/Kg	0.00
38) 1,4-Difluorobenzene	12.800	114	2496018	20.00	ug/Kg	0.00
52) Chlorobenzene-d5	16.467	117	2206784	20.00	ug/Kg	0.00
74) 1,4-Dichlorobenzene-d4	19.430	152	1124668	20.00	ug/Kg	0.00
95) 1,4-Dichlorobenzene-d4A	19.430	152	1124668	20.00	ug/Kg	-0.02
System Monitoring Compounds						
34) Dibromofluoromethane	11.605	111	815060	21.36	ug/Kg	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 106.80%			
53) Toluene-d8	14.716	98	2895164	19.37	ug/Kg	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 96.85%			
71) 4-Bromofluorobenzene	17.962	95	1126077	19.50	ug/Kg	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 97.50%			
Target Compounds						Qvalue
10) Acetone	7.786	58	86358	16.61	ug/Kg#	88
18) Methylene Chloride	8.981	84	42621	0.75	ug/Kg	92
96) TPH-GRO (C6-C10)	13.747	TIC	255405m	1.12	ug/Kg	

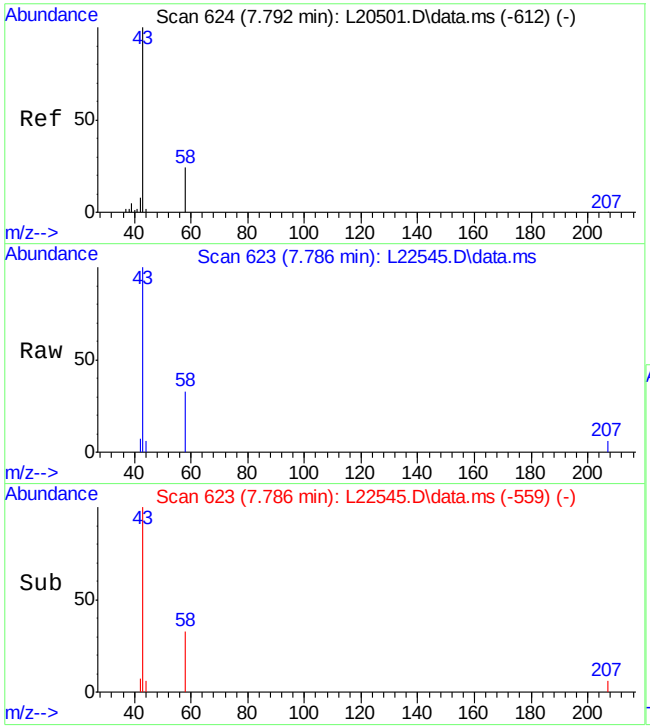
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\L130205\
Data File : L22545.D
Acq On : 5 Feb 2013 2:10 pm
Operator : XINGB
Sample : C25941-18
Misc : MS1656,VL714,5.12,,,,1
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Feb 06 09:53:39 2013
Quant Method : C:\msdchem\1\METHODS\VL702S.M
Quant Title : EPA -8260B
QLast Update : Fri Jan 25 08:45:18 2013
Response via : Initial Calibration

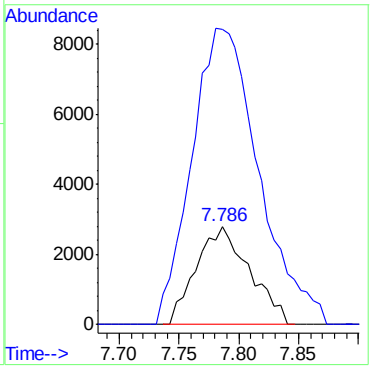


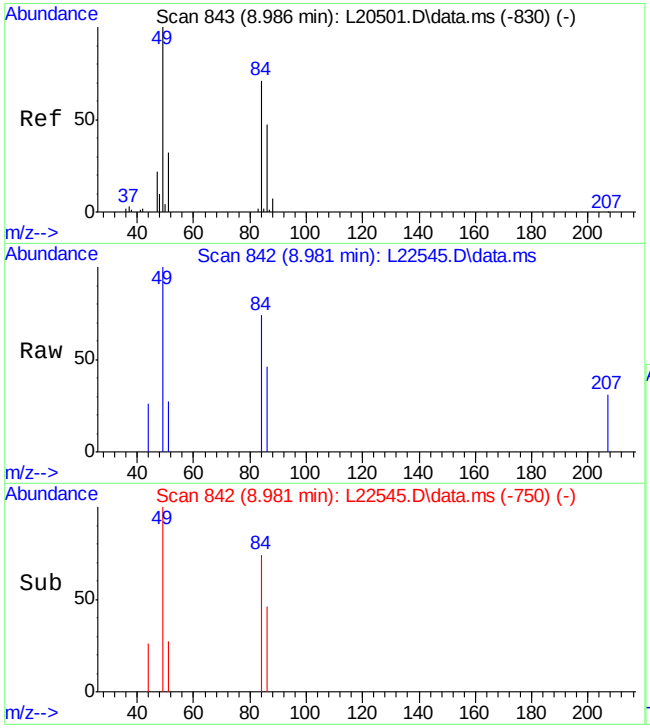


#10
Acetone
Concen: 16.61 ug/Kg
RT: 7.786 min Scan# 623
Delta R.T. -0.000 min
Lab File: L22545.D
Acq: 5 Feb 2013 2:10 pm

Tgt Ion: 58 Resp: 86358

Ion	Ratio	Lower	Upper
58	100		
43	380.2	334.6	374.6#

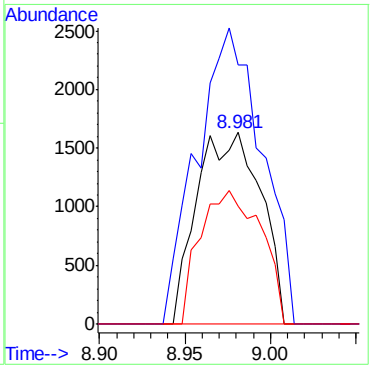


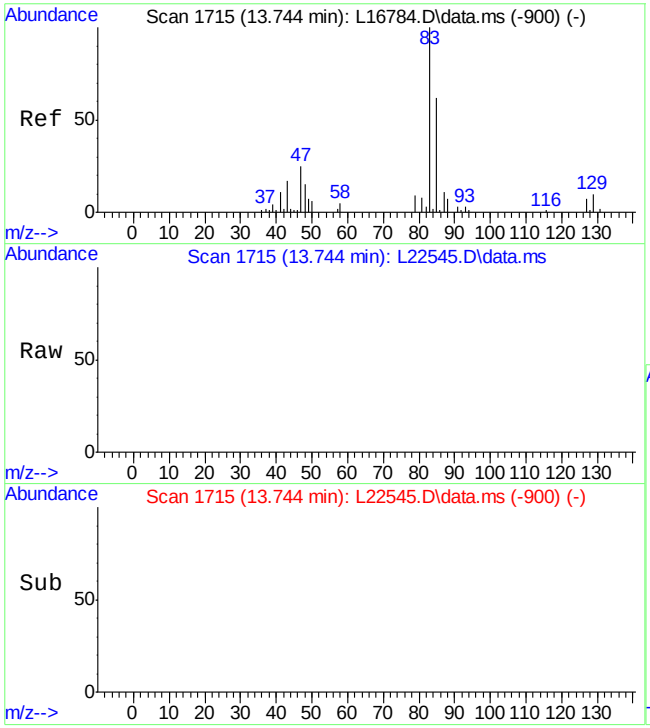


#18
Methylene Chloride
Concen: 0.75 ug/Kg
RT: 8.981 min Scan# 842
Delta R.T. -0.000 min
Lab File: L22545.D
Acq: 5 Feb 2013 2:10 pm

Tgt Ion: 84 Resp: 42621

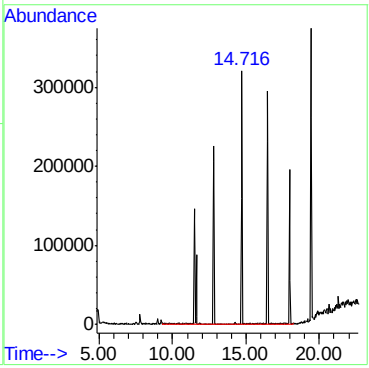
Ion	Ratio	Lower	Upper
84	100		
49	157.8	125.6	165.6
86	66.3	43.6	83.6





#96
TPH-GRO (C6-C10)
Concen: 1.12 ug/Kg m
RT: 13.747 min Scan# 1715
Delta R.T. 0.000 min
Lab File: L22545.D
Acq: 5 Feb 2013 2:10 pm

Tgt Ion:TIC Resp: 255405



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\L130204\
Data File : L22520.D
Acq On : 4 Feb 2013 9:52 pm
Operator : XINGB
Sample : C25941-19
Misc : MS1656,VL713,5.05,,,,1
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Feb 05 08:10:09 2013
Quant Method : C:\msdchem\1\METHODS\VL702S.M
Quant Title : EPA -8260B
QLast Update : Fri Jan 25 08:45:18 2013
Response via : Initial Calibration

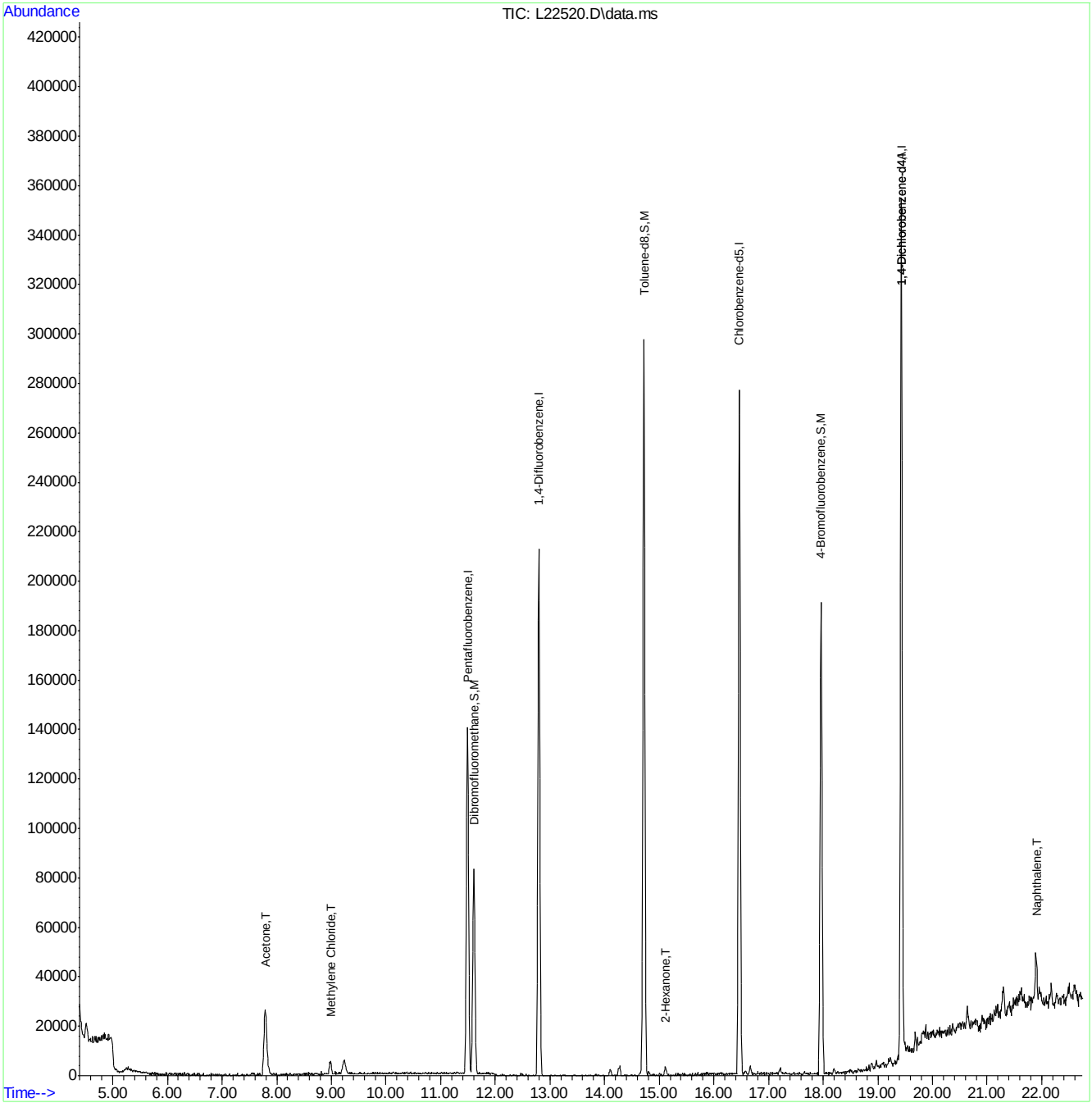
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	11.491	168	1381530	20.00	ug/Kg	0.00
38) 1,4-Difluorobenzene	12.801	114	2356128	20.00	ug/Kg	0.00
52) Chlorobenzene-d5	16.467	117	2121549	20.00	ug/Kg	0.00
74) 1,4-Dichlorobenzene-d4	19.430	152	1104415	20.00	ug/Kg	0.00
95) 1,4-Dichlorobenzene-d4A	19.430	152	1104415	20.00	ug/Kg	-0.02
System Monitoring Compounds						
34) Dibromofluoromethane	11.611	111	780092	21.22	ug/Kg	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 106.10%			
53) Toluene-d8	14.721	98	2723920	18.96	ug/Kg	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 94.80%			
71) 4-Bromofluorobenzene	17.962	95	1080319	19.46	ug/Kg	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 97.30%			
Target Compounds						Qvalue
10) Acetone	7.792	58	196378	39.21	ug/Kg	98
18) Methylene Chloride	8.987	84	36510	0.67	ug/Kg	94
57) 2-Hexanone	15.114	43	50550	1.07	ug/Kg#	77
93) Naphthalene	21.902	128	214209	1.17	ug/Kg	100
96) TPH-GRO (C6-C10)	13.747	TIC	-5533m	Below Cal		

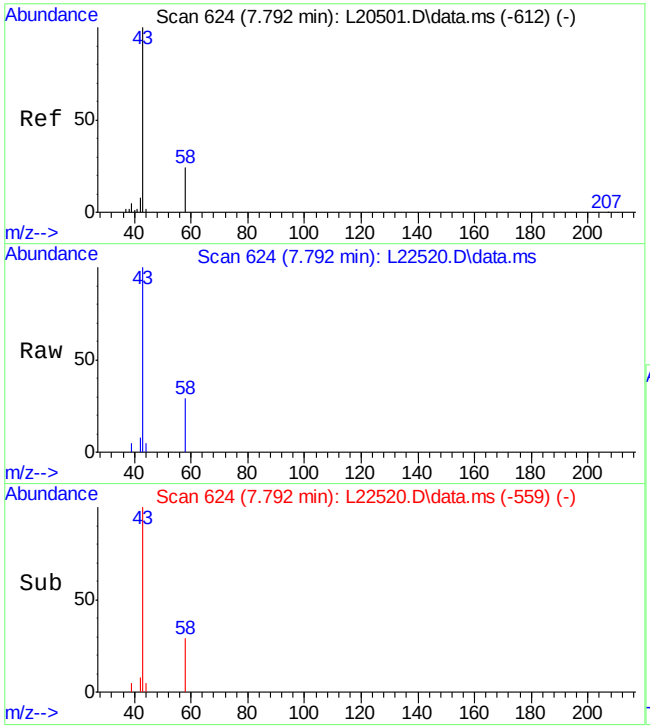
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\L130204\
Data File : L22520.D
Acq On : 4 Feb 2013 9:52 pm
Operator : XINGB
Sample : C25941-19
Misc : MS1656,VL713,5.05,,,,1
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Feb 05 08:10:09 2013
Quant Method : C:\msdchem\1\METHODS\VL702S.M
Quant Title : EPA -8260B
QLast Update : Fri Jan 25 08:45:18 2013
Response via : Initial Calibration

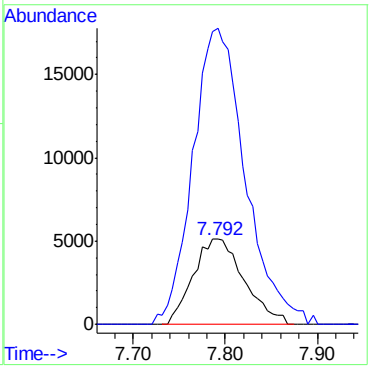


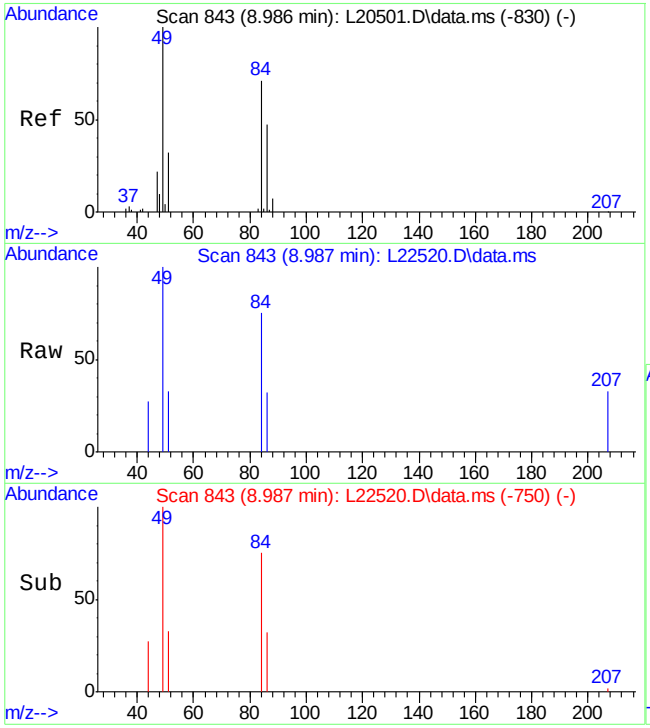


#10
Acetone
Concen: 39.21 ug/Kg
RT: 7.792 min Scan# 624
Delta R.T. 0.005 min
Lab File: L22520.D
Acq: 4 Feb 2013 9:52 pm

Tgt Ion: 58 Resp: 196378

Ion	Ratio	Lower	Upper
58	100		
43	358.9	334.6	374.6

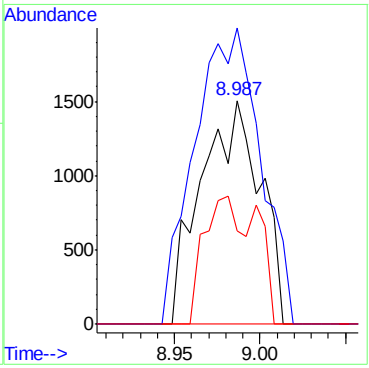


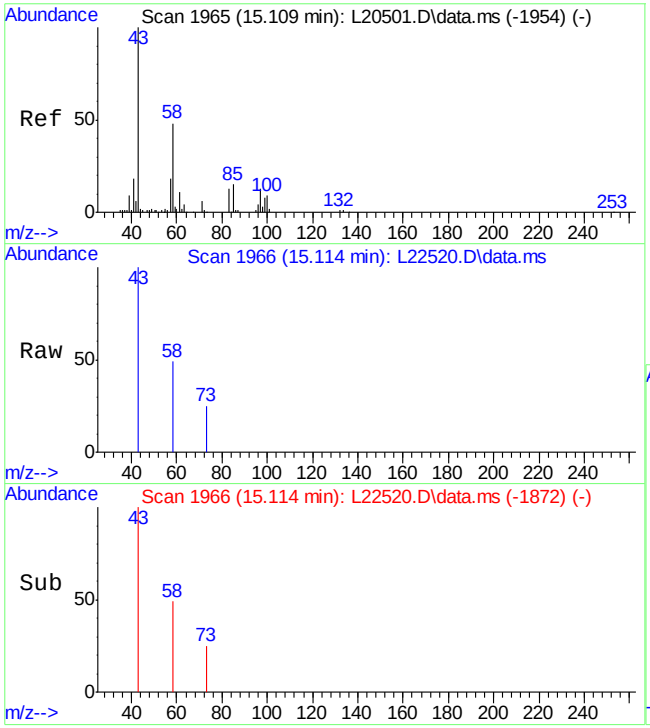


#18
Methylene Chloride
Concen: 0.67 ug/Kg
RT: 8.987 min Scan# 843
Delta R.T. 0.005 min
Lab File: L22520.D
Acq: 4 Feb 2013 9:52 pm

Tgt Ion: 84 Resp: 36510

Ion	Ratio	Lower	Upper
84	100		
49	146.8	125.6	165.6
86	50.2	43.6	83.6

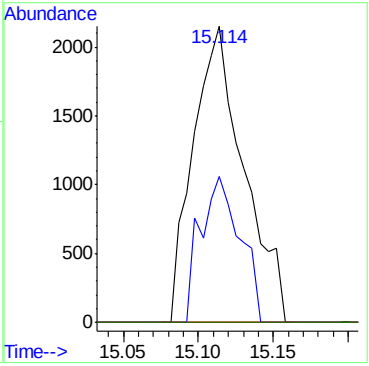


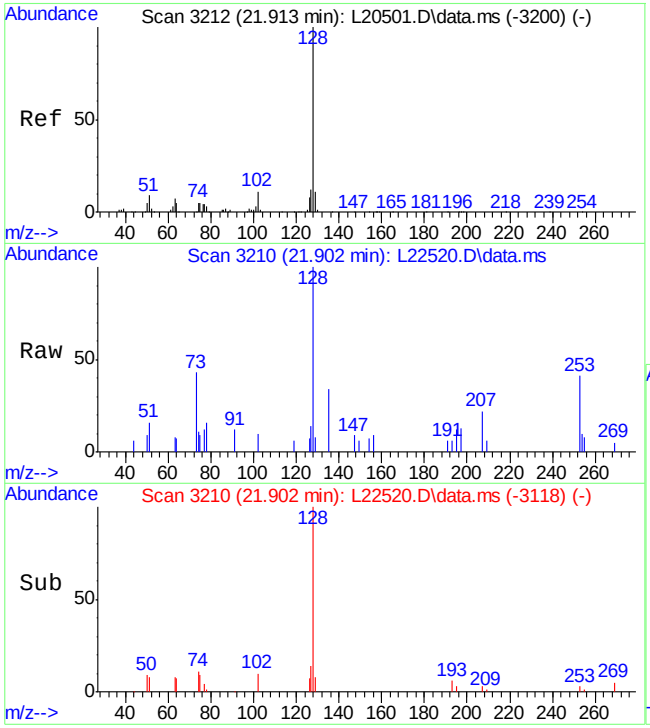


#57
2-Hexanone
Concen: 1.07 ug/Kg
RT: 15.114 min Scan# 1966
Delta R.T. 0.011 min
Lab File: L22520.D
Acq: 4 Feb 2013 9:52 pm

Tgt Ion: 43 Resp: 50550

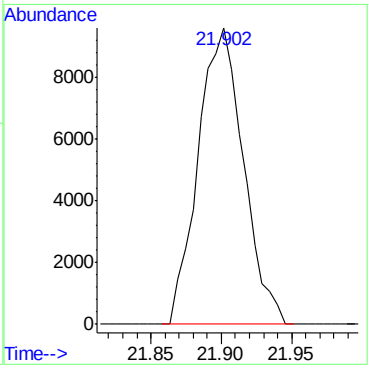
Ion	Ratio	Lower	Upper
43	100		
58	38.3	30.1	70.1
57	0.0	0.0	36.3
100	0.0	0.0	29.0





#93
Naphthalene
Concen: 1.17 ug/Kg
RT: 21.902 min Scan# 3210
Delta R.T. -0.000 min
Lab File: L22520.D
Acq: 4 Feb 2013 9:52 pm

Tgt Ion:128 Resp: 214209



Manual Integrations APPROVED (compounds with "m" flag)
Helena Ueng
02/06/13 02:39

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\L130204\
Data File : L22517.D
Acq On : 4 Feb 2013 8:26 pm
Operator : XINGB
Sample : C25941-20
Misc : MS1656,VL713,5.02,,,,1
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Feb 05 08:32:13 2013
Quant Method : C:\msdchem\1\METHODS\VL702S.M
Quant Title : EPA -8260B
QLast Update : Fri Jan 25 08:45:18 2013
Response via : Initial Calibration

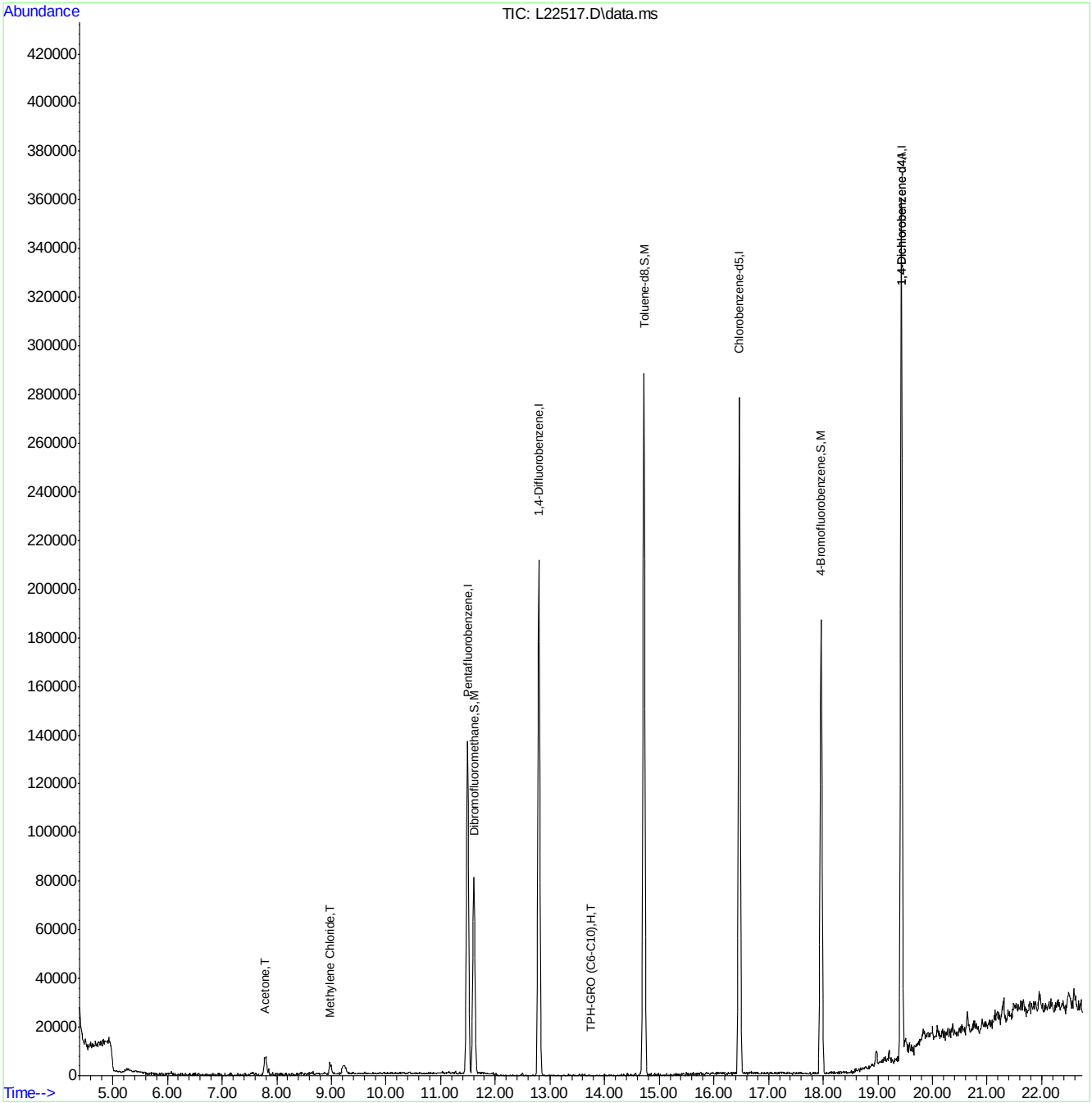
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	11.491	168	1346298	20.00	ug/Kg	0.00
38) 1,4-Difluorobenzene	12.801	114	2295791	20.00	ug/Kg	0.00
52) Chlorobenzene-d5	16.467	117	2064238	20.00	ug/Kg	0.00
74) 1,4-Dichlorobenzene-d4	19.430	152	1064920	20.00	ug/Kg	0.00
95) 1,4-Dichlorobenzene-d4A	19.430	152	1064920	20.00	ug/Kg	-0.02
System Monitoring Compounds						
34) Dibromofluoromethane	11.611	111	759209	21.19	ug/Kg	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 105.95%			
53) Toluene-d8	14.721	98	2682707	19.19	ug/Kg	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 95.95%			
71) 4-Bromofluorobenzene	17.962	95	1069139	19.79	ug/Kg	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 98.95%			
Target Compounds						Qvalue
10) Acetone	7.781	58	53072m	10.87	ug/Kg	
18) Methylene Chloride	8.976	84	27425	0.51	ug/Kg#	65
96) TPH-GRO (C6-C10)	13.747	TIC	540335m	2.51	ug/Kg	

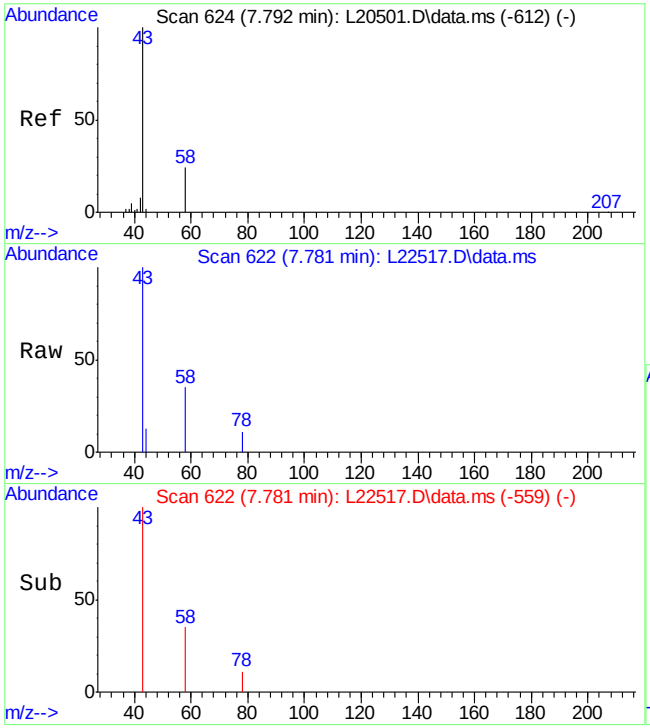
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\L130204\
Data File : L22517.D
Acq On : 4 Feb 2013 8:26 pm
Operator : XINGB
Sample : C25941-20
Misc : MS1656,VL713,5.02,,,,1
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Feb 05 08:32:13 2013
Quant Method : C:\msdchem\1\METHODS\VL702S.M
Quant Title : EPA -8260B
QLast Update : Fri Jan 25 08:45:18 2013
Response via : Initial Calibration

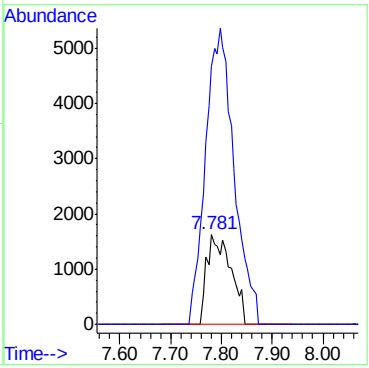


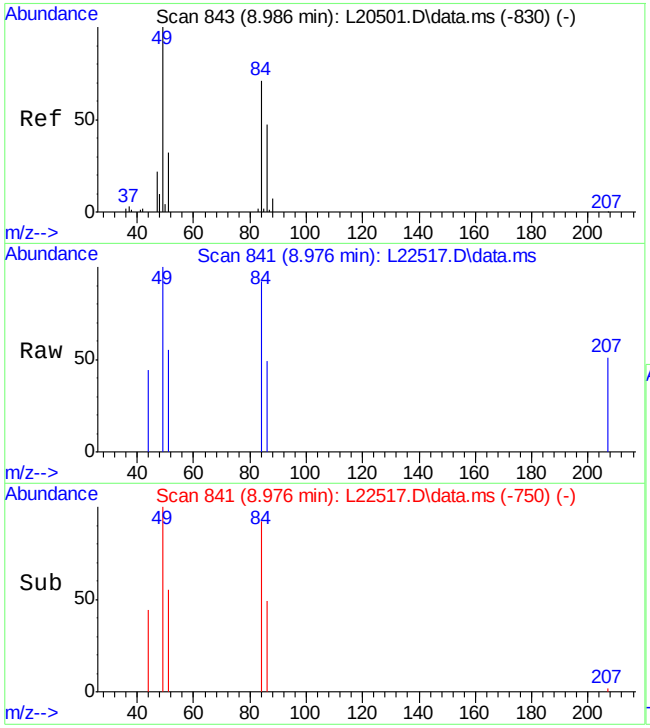


#10
Acetone
Concen: 10.87 ug/Kg m
RT: 7.781 min Scan# 622
Delta R.T. -0.005 min
Lab File: L22517.D
Acq: 4 Feb 2013 8:26 pm

Tgt Ion: 58 Resp: 53072

Ion	Ratio	Lower	Upper
58	100		
43	392.1	334.6	374.6#

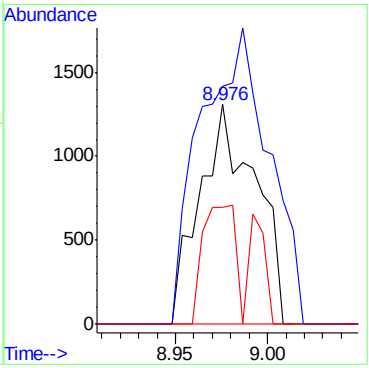


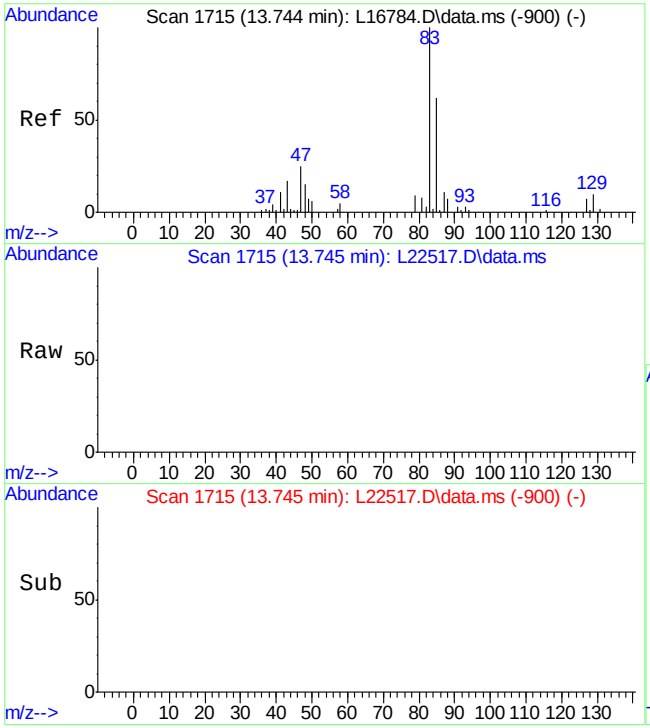


#18
Methylene Chloride
Concen: 0.51 ug/Kg
RT: 8.976 min Scan# 841
Delta R.T. -0.005 min
Lab File: L22517.D
Acq: 4 Feb 2013 8:26 pm

Tgt Ion: 84 Resp: 27425

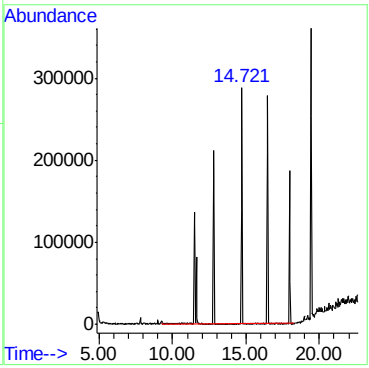
Ion	Ratio	Lower	Upper
84	100		
49	164.1	125.6	165.6
86	0.0	43.6	83.6#





#96
TPH-GRO (C6-C10)
Concen: 2.51 ug/Kg m
RT: 13.747 min Scan# 1715
Delta R.T. 0.000 min
Lab File: L22517.D
Acq: 4 Feb 2013 8:26 pm

Tgt Ion:TIC Resp: 540335



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\L130202\
Data File : L22472.D
Acq On : 2 Feb 2013 12:48 pm
Operator : XINGB
Sample : MB
Misc : MS1656,VL712,5,,,,1
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 04 07:37:18 2013
Quant Method : C:\msdchem\1\METHODS\VL702S.M
Quant Title : EPA -8260B
QLast Update : Fri Jan 25 08:45:18 2013
Response via : Initial Calibration

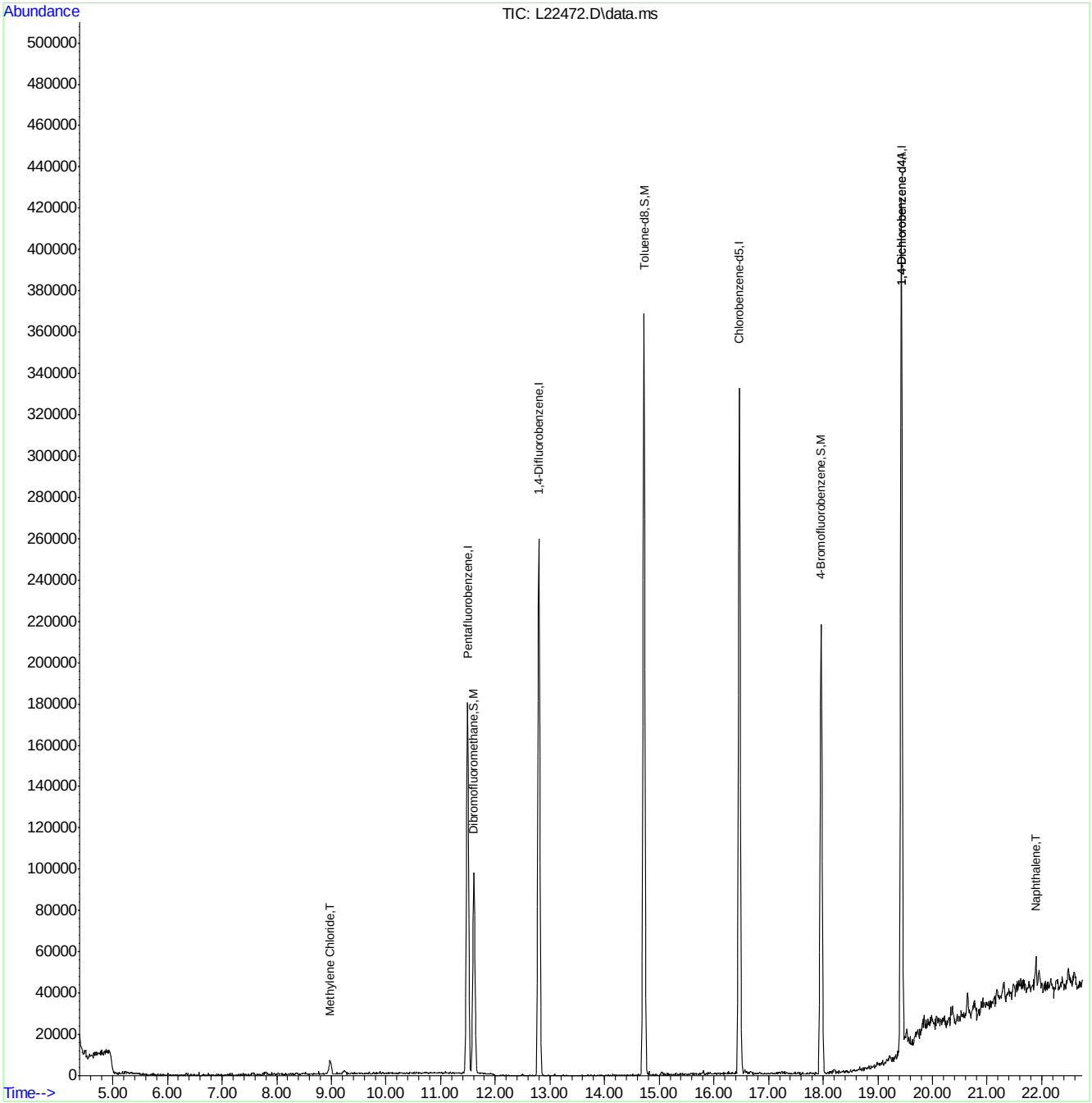
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	11.491	168	1781781	20.00	ug/Kg	0.00
38) 1,4-Difluorobenzene	12.801	114	2918018	20.00	ug/Kg	0.00
52) Chlorobenzene-d5	16.467	117	2528502	20.00	ug/Kg	0.00
74) 1,4-Dichlorobenzene-d4	19.430	152	1280520	20.00	ug/Kg	0.00
95) 1,4-Dichlorobenzene-d4A	19.430	152	1280520	20.00	ug/Kg	-0.02
System Monitoring Compounds						
34) Dibromofluoromethane	11.606	111	904950	19.08	ug/Kg	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 95.40%			
53) Toluene-d8	14.721	98	3336715	19.49	ug/Kg	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 97.45%			
71) 4-Bromofluorobenzene	17.962	95	1250301	18.89	ug/Kg	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 94.45%			
Target Compounds						Qvalue
18) Methylene Chloride	8.976	84	47636	0.68	ug/Kg	90
93) Naphthalene	21.896	128	153239	0.72	ug/Kg	100
96) TPH-GRO (C6-C10)	13.747	TIC	-22935m	Below Cal		

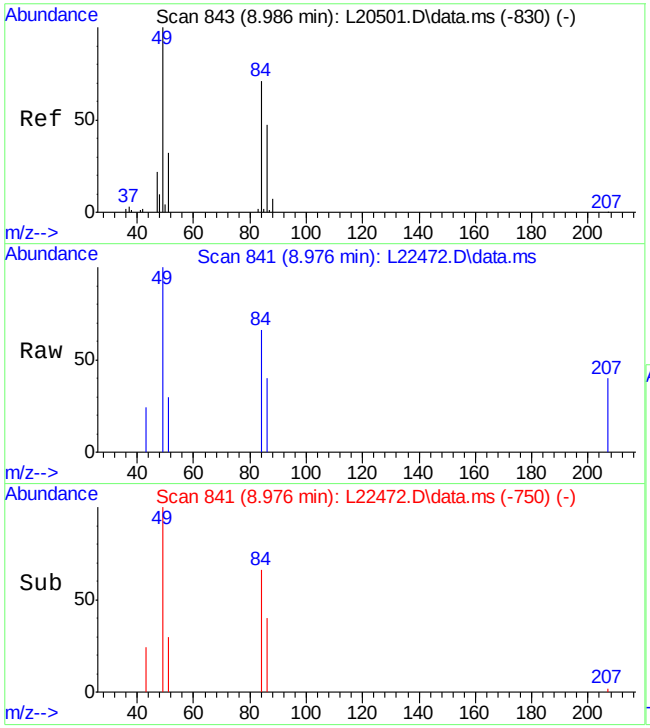
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\L130202\
Data File : L22472.D
Acq On : 2 Feb 2013 12:48 pm
Operator : XINGB
Sample : MB
Misc : MS1656,VL712,5,,,,1
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 04 07:37:18 2013
Quant Method : C:\msdchem\1\METHODS\VL702S.M
Quant Title : EPA -8260B
QLast Update : Fri Jan 25 08:45:18 2013
Response via : Initial Calibration

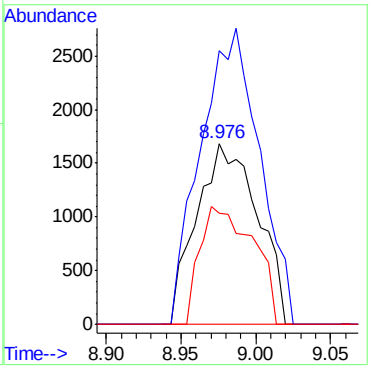


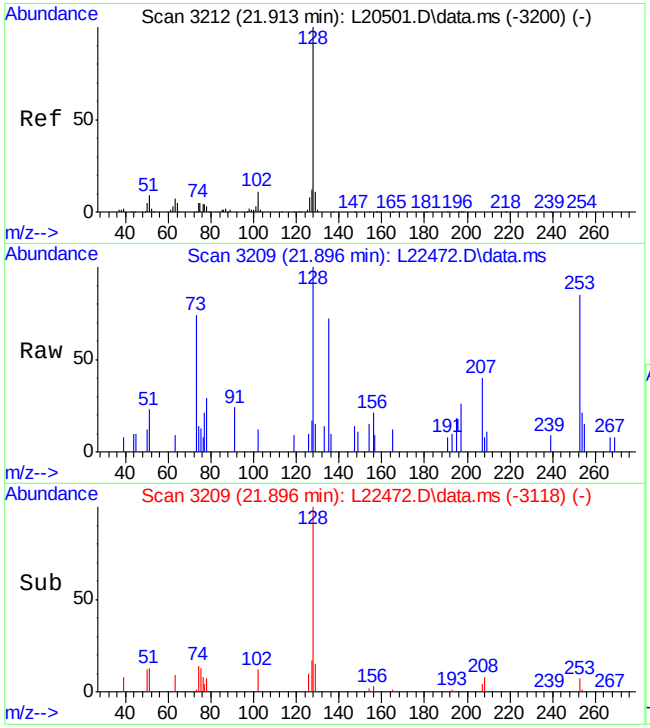


#18
Methylene Chloride
Concen: 0.68 ug/Kg
RT: 8.976 min Scan# 841
Delta R.T. -0.005 min
Lab File: L22472.D
Acq: 2 Feb 2013 12:48 pm

Tgt Ion: 84 Resp: 47636

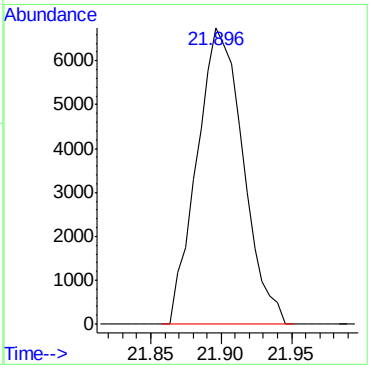
Ion	Ratio	Lower	Upper
84	100		
49	158.4	125.6	165.6
86	56.9	43.6	83.6





#93
Naphthalene
Concen: 0.72 ug/Kg
RT: 21.896 min Scan# 3209
Delta R.T. -0.005 min
Lab File: L22472.D
Acq: 2 Feb 2013 12:48 pm

Tgt Ion:128 Resp: 153239



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\L130204\
Data File : L22511.D
Acq On : 4 Feb 2013 5:34 pm
Operator : XINGB
Sample : MB2
Misc : MS1656,VL713,5,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 05 08:27:30 2013
Quant Method : C:\msdchem\1\METHODS\VL702S.M
Quant Title : EPA -8260B
QLast Update : Fri Jan 25 08:45:18 2013
Response via : Initial Calibration

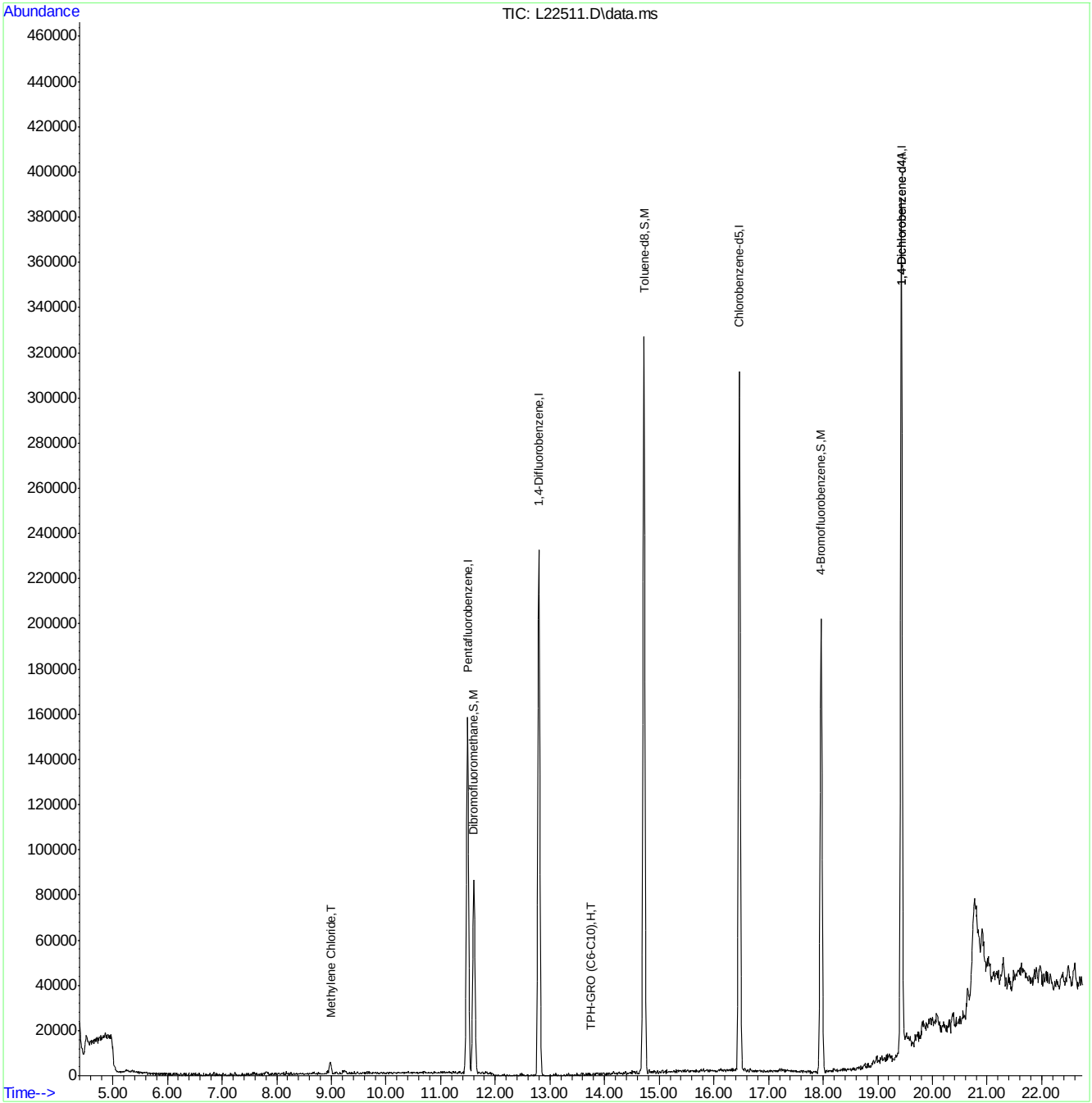
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	11.491	168	1504389	20.00	ug/Kg	0.00
38) 1,4-Difluorobenzene	12.800	114	2582044	20.00	ug/Kg	0.00
52) Chlorobenzene-d5	16.467	117	2283696	20.00	ug/Kg	0.00
74) 1,4-Dichlorobenzene-d4	19.430	152	1149591	20.00	ug/Kg	0.00
95) 1,4-Dichlorobenzene-d4A	19.430	152	1149591	20.00	ug/Kg	-0.02
System Monitoring Compounds						
34) Dibromofluoromethane	11.605	111	799385	19.97	ug/Kg	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 99.85%			
53) Toluene-d8	14.721	98	2977156	19.25	ug/Kg	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 96.25%			
71) 4-Bromofluorobenzene	17.962	95	1139764	19.07	ug/Kg	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 95.35%			
Target Compounds						Qvalue
18) Methylene Chloride	8.986	84	30817	0.52	ug/Kg	90
96) TPH-GRO (C6-C10)	13.747	TIC	578086m	2.49	ug/Kg	

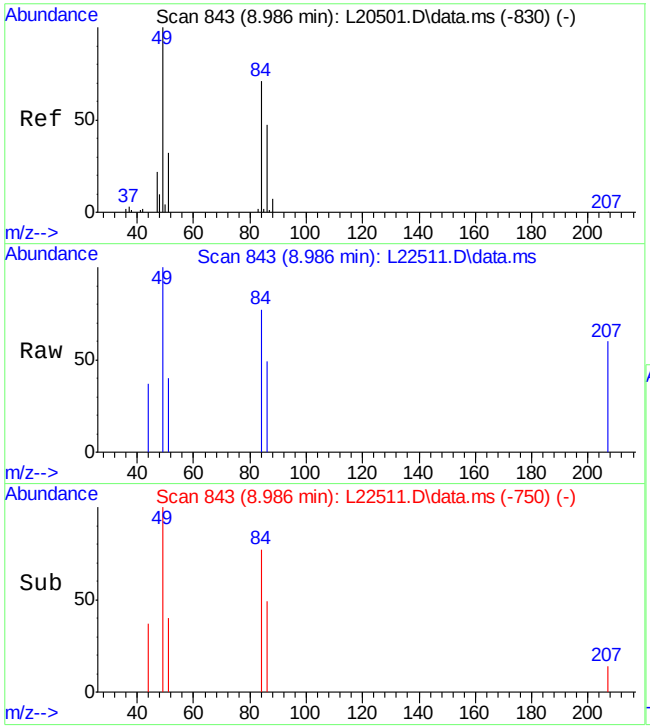
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\L130204\
Data File : L22511.D
Acq On : 4 Feb 2013 5:34 pm
Operator : XINGB
Sample : MB2
Misc : MS1656,VL713,5,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 05 08:27:30 2013
Quant Method : C:\msdchem\1\METHODS\VL702S.M
Quant Title : EPA -8260B
QLast Update : Fri Jan 25 08:45:18 2013
Response via : Initial Calibration

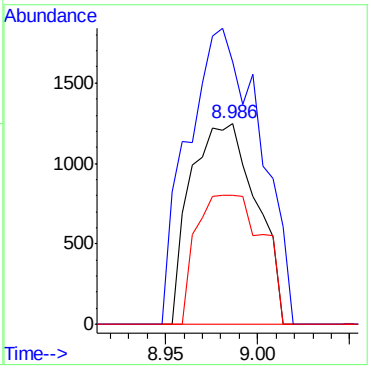


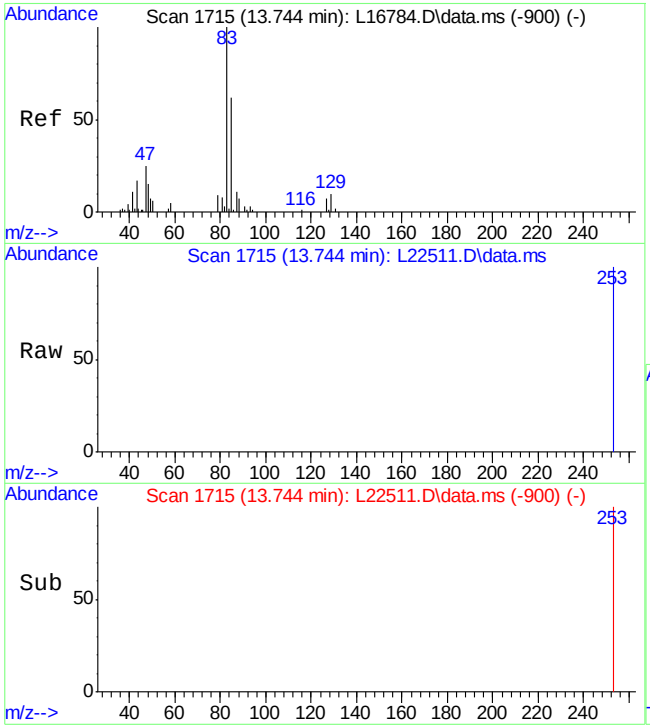


#18
Methylene Chloride
Concen: 0.52 ug/Kg
RT: 8.986 min Scan# 843
Delta R.T. 0.005 min
Lab File: L22511.D
Acq: 4 Feb 2013 5:34 pm

Tgt Ion: 84 Resp: 30817

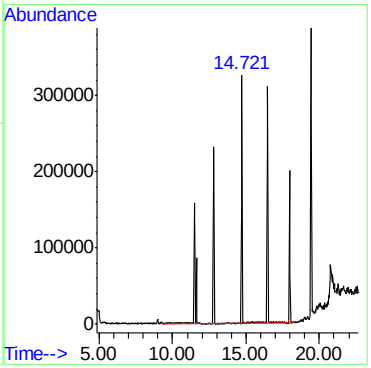
Ion	Ratio	Lower	Upper
84	100		
49	162.1	125.6	165.6
86	64.7	43.6	83.6





#96
TPH-GRO (C6-C10)
Concen: 2.49 ug/Kg m
RT: 13.747 min Scan# 1715
Delta R.T. 0.000 min
Lab File: L22511.D
Acq: 4 Feb 2013 5:34 pm

Tgt Ion:TIC Resp: 578086



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\L130205\
Data File : L22541.D
Acq On : 5 Feb 2013 12:15 pm
Operator : XINGB
Sample : MB
Misc : MS1656,VL714,5,,,,1
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 06 09:58:00 2013
Quant Method : C:\msdchem\1\METHODS\VL702S.M
Quant Title : EPA -8260B
QLast Update : Fri Jan 25 08:45:18 2013
Response via : Initial Calibration

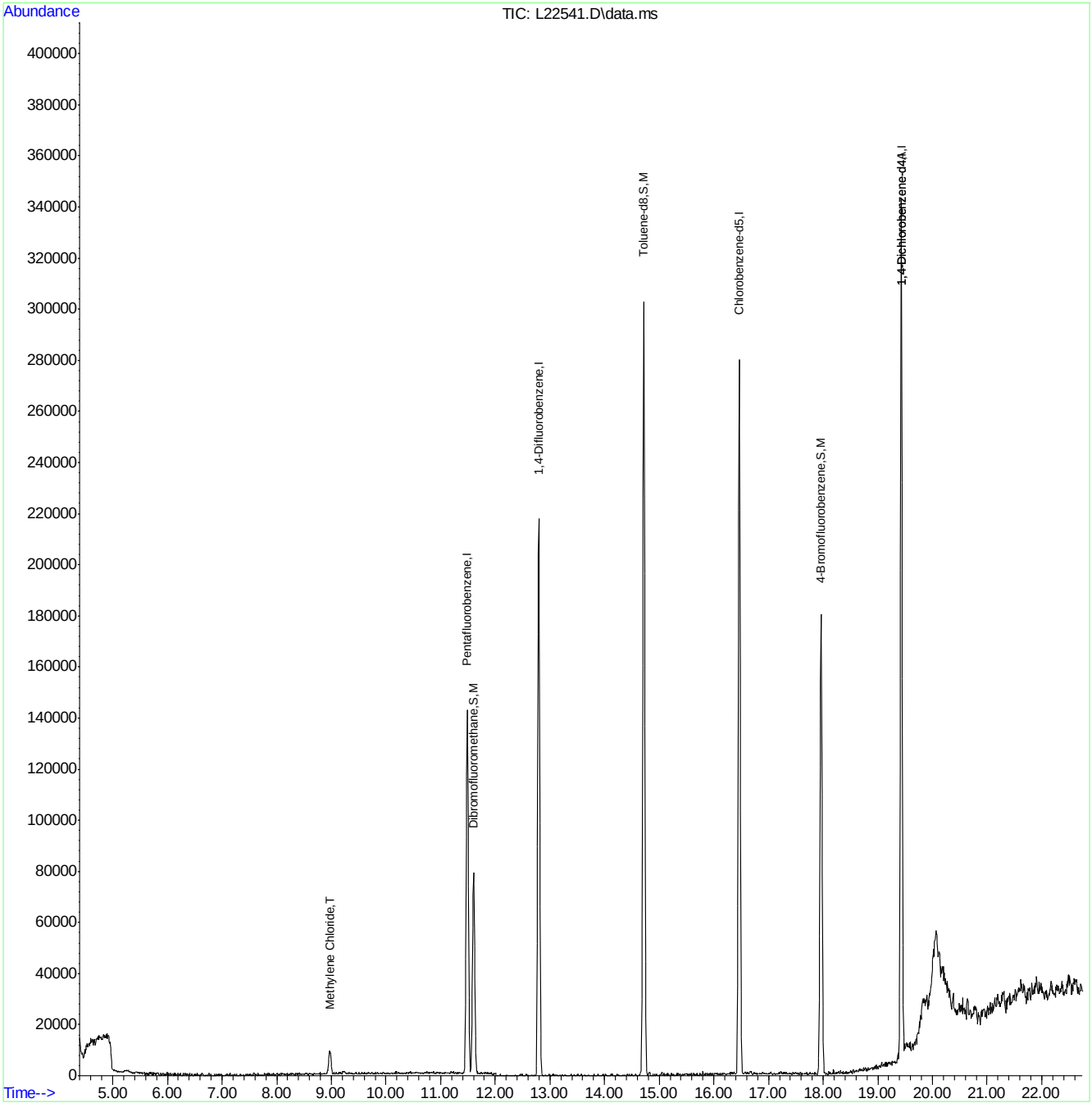
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	11.486	168	1418601	20.00	ug/Kg	0.00
38) 1,4-Difluorobenzene	12.795	114	2395180	20.00	ug/Kg	0.00
52) Chlorobenzene-d5	16.467	117	2082922	20.00	ug/Kg	0.00
74) 1,4-Dichlorobenzene-d4	19.430	152	1056116	20.00	ug/Kg	0.00
95) 1,4-Dichlorobenzene-d4A	19.430	152	1056116	20.00	ug/Kg	-0.02
System Monitoring Compounds						
34) Dibromofluoromethane	11.606	111	748170	19.82	ug/Kg	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 99.10%			
53) Toluene-d8	14.716	98	2757453	19.55	ug/Kg	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 97.75%			
71) 4-Bromofluorobenzene	17.957	95	1029213	18.88	ug/Kg	-0.01
Spiked Amount 20.000	Range 70 - 130		Recovery = 94.40%			
Target Compounds						Qvalue
18) Methylene Chloride	8.970	84	60325	1.07	ug/Kg	89

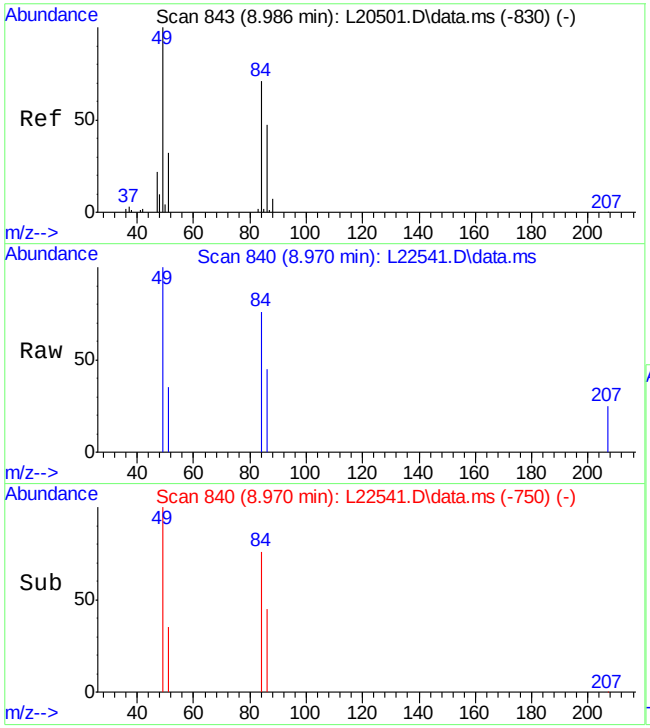
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\L130205\
Data File : L22541.D
Acq On : 5 Feb 2013 12:15 pm
Operator : XINGB
Sample : MB
Misc : MS1656,VL714,5,,,,1
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 06 09:58:00 2013
Quant Method : C:\msdchem\1\METHODS\VL702S.M
Quant Title : EPA -8260B
QLast Update : Fri Jan 25 08:45:18 2013
Response via : Initial Calibration

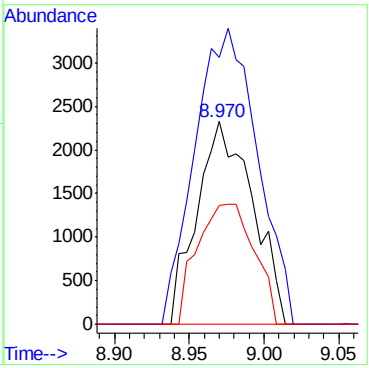




#18
Methylene Chloride
Concen: 1.07 ug/Kg
RT: 8.970 min Scan# 840
Delta R.T. -0.011 min
Lab File: L22541.D
Acq: 5 Feb 2013 12:15 pm

Tgt Ion: 84 Resp: 60325

Ion	Ratio	Lower	Upper
84	100		
49	163.9	125.6	165.6
86	60.5	43.6	83.6



Northern California ACCUTEST LABORATORIES

GC/MS Semi-volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: C25941
Account: EQUOCAMS EquoLogic
Project: T10000003424-San Lorenzo, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP7407-MB	Y18763.D	1	01/29/13	MT	01/28/13	OP7407	EY882

The QC reported here applies to the following samples: **Method:** SW846 8270C

C25941-1, C25941-2, C25941-3, C25941-4, C25941-5, C25941-6, C25941-7, C25941-8, C25941-9, C25941-10, C25941-11, C25941-12, C25941-13, C25941-14

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	ND	170	73	ug/kg	
208-96-8	Acenaphthylene	ND	170	78	ug/kg	
120-12-7	Anthracene	ND	170	54	ug/kg	
56-55-3	Benzo(a)anthracene	ND	170	33	ug/kg	
50-32-8	Benzo(a)pyrene	ND	170	33	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	170	33	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	170	43	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	170	33	ug/kg	
218-01-9	Chrysene	ND	170	33	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	170	41	ug/kg	
206-44-0	Fluoranthene	ND	170	33	ug/kg	
86-73-7	Fluorene	ND	170	72	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	170	43	ug/kg	
90-12-0	1-Methylnaphthalene	ND	170	76	ug/kg	
91-57-6	2-Methylnaphthalene	ND	170	80	ug/kg	
91-20-3	Naphthalene	ND	170	77	ug/kg	
85-01-8	Phenanthrene	ND	170	58	ug/kg	
129-00-0	Pyrene	ND	170	33	ug/kg	

CAS No.	Surrogate Recoveries		Limits
4165-60-0	Nitrobenzene-d5	56%	15-101%
321-60-8	2-Fluorobiphenyl	56%	15-104%
1718-51-0	Terphenyl-d14	126%* [a]	56-123%

(a) Outside laboratory control limits (high bias).

Method Blank Summary

Job Number: C25941
Account: EQUOCAMS EquoLogic
Project: T10000003424-San Lorenzo, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP7411-MB	Y18766.D	1	01/29/13	MT	01/29/13	OP7411	EY882

The QC reported here applies to the following samples: **Method:** SW846 8270C

C25941-15, C25941-16, C25941-17, C25941-18, C25941-19, C25941-20

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	ND	170	73	ug/kg	
208-96-8	Acenaphthylene	ND	170	78	ug/kg	
120-12-7	Anthracene	ND	170	54	ug/kg	
56-55-3	Benzo(a)anthracene	ND	170	33	ug/kg	
50-32-8	Benzo(a)pyrene	ND	170	33	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	170	33	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	170	43	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	170	33	ug/kg	
218-01-9	Chrysene	ND	170	33	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	170	41	ug/kg	
206-44-0	Fluoranthene	ND	170	33	ug/kg	
86-73-7	Fluorene	ND	170	72	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	170	43	ug/kg	
90-12-0	1-Methylnaphthalene	ND	170	76	ug/kg	
91-57-6	2-Methylnaphthalene	ND	170	80	ug/kg	
91-20-3	Naphthalene	ND	170	77	ug/kg	
85-01-8	Phenanthrene	ND	170	58	ug/kg	
129-00-0	Pyrene	ND	170	33	ug/kg	

CAS No.	Surrogate Recoveries		Limits
367-12-4	2-Fluorophenol	83%	14-99%
4165-62-2	Phenol-d5	89%	18-100%
118-79-6	2,4,6-Tribromophenol	94%	25-107%
4165-60-0	Nitrobenzene-d5	82%	15-101%
321-60-8	2-Fluorobiphenyl	83%	15-104%
1718-51-0	Terphenyl-d14	113%	56-123%

Blank Spike/Blank Spike Duplicate Summary

Job Number: C25941
Account: EQUOCAMS EquoLogic
Project: T10000003424-San Lorenzo, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP7407-BS	Y18764.D	1	01/29/13	MT	01/28/13	OP7407	EY882
OP7407-BSD	Y18765.D	1	01/29/13	MT	01/28/13	OP7407	EY882

The QC reported here applies to the following samples: **Method:** SW846 8270C

C25941-1, C25941-2, C25941-3, C25941-4, C25941-5, C25941-6, C25941-7, C25941-8, C25941-9, C25941-10, C25941-11, C25941-12, C25941-13, C25941-14

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	BSD ug/kg	BSD %	RPD	Limits Rec/RPD
83-32-9	Acenaphthene	833	525	63	495	59	6	34-112/28
208-96-8	Acenaphthylene	833	564	68	546	66	3	33-115/28
120-12-7	Anthracene	833	734	88	727	87	1	59-111/21
56-55-3	Benzo(a)anthracene	833	814	98	803	96	1	72-122/22
50-32-8	Benzo(a)pyrene	833	814	98	806	97	1	71-120/22
205-99-2	Benzo(b)fluoranthene	833	831	100	815	98	2	67-123/24
191-24-2	Benzo(g,h,i)perylene	833	734	88	767	92	4	57-134/24
207-08-9	Benzo(k)fluoranthene	833	856	103	842	101	2	74-126/25
218-01-9	Chrysene	833	765	92	754	90	1	73-125/22
53-70-3	Dibenzo(a,h)anthracene	833	777	93	796	96	2	59-132/23
206-44-0	Fluoranthene	833	795	95	784	94	1	69-117/21
86-73-7	Fluorene	833	656	79	632	76	4	42-112/24
193-39-5	Indeno(1,2,3-cd)pyrene	833	796	96	798	96	0	60-131/21
90-12-0	1-Methylnaphthalene	833	558	67	537	64	4	33-110/30
91-57-6	2-Methylnaphthalene	833	580	70	555	67	4	33-107/30
91-20-3	Naphthalene	833	477	57	463	56	3	32-121/31
85-01-8	Phenanthrene	833	710	85	705	85	1	57-113/21
129-00-0	Pyrene	833	909	109	912	109	0	63-120/20

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
4165-60-0	Nitrobenzene-d5	66%	65%	15-101%
321-60-8	2-Fluorobiphenyl	69%	67%	15-104%
1718-51-0	Terphenyl-d14	117%	118%	56-123%

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Job Number: C25941
Account: EQUOCAMS EquoLogic
Project: T10000003424-San Lorenzo, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP7411-BS	Y18767.D	1	01/29/13	MT	01/29/13	OP7411	EY882
OP7411-BSD	Y18768.D	1	01/29/13	MT	01/29/13	OP7411	EY882

The QC reported here applies to the following samples: **Method:** SW846 8270C

C25941-15, C25941-16, C25941-17, C25941-18, C25941-19, C25941-20

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	BSD ug/kg	BSD %	RPD	Limits Rec/RPD
83-32-9	Acenaphthene	833	626	75	606	73	3	34-112/28
208-96-8	Acenaphthylene	833	680	82	657	79	3	33-115/28
120-12-7	Anthracene	833	791	95	767	92	3	59-111/21
56-55-3	Benzo(a)anthracene	833	831	100	822	99	1	72-122/22
50-32-8	Benzo(a)pyrene	833	840	101	836	100	0	71-120/22
205-99-2	Benzo(b)fluoranthene	833	862	103	849	102	2	67-123/24
191-24-2	Benzo(g,h,i)perylene	833	754	90	734	88	3	57-134/24
207-08-9	Benzo(k)fluoranthene	833	838	101	831	100	1	74-126/25
218-01-9	Chrysene	833	782	94	778	93	1	73-125/22
53-70-3	Dibenzo(a,h)anthracene	833	803	96	782	94	3	59-132/23
206-44-0	Fluoranthene	833	841	101	834	100	1	69-117/21
86-73-7	Fluorene	833	746	90	729	87	2	42-112/24
193-39-5	Indeno(1,2,3-cd)pyrene	833	789	95	782	94	1	60-131/21
90-12-0	1-Methylnaphthalene	833	678	81	672	81	1	33-110/30
91-57-6	2-Methylnaphthalene	833	710	85	697	84	2	33-107/30
91-20-3	Naphthalene	833	594	71	585	70	2	32-121/31
85-01-8	Phenanthrene	833	764	92	745	89	3	57-113/21
129-00-0	Pyrene	833	868	104	831	100	4	63-120/20

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
367-12-4	2-Fluorophenol	86%	83%	14-99%
4165-62-2	Phenol-d5	90%	88%	18-100%
118-79-6	2,4,6-Tribromophenol	100%	97%	25-107%
4165-60-0	Nitrobenzene-d5	85%	84%	15-101%
321-60-8	2-Fluorobiphenyl	84%	83%	15-104%
1718-51-0	Terphenyl-d14	113%	108%	56-123%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: C25941
Account: EQUOCAMS EquoLogic
Project: T10000003424-San Lorenzo, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP7407-MS	Y18787.D	1	01/30/13	MT	01/28/13	OP7407	EY882
OP7407-MSD	Y18788.D	1	01/30/13	MT	01/28/13	OP7407	EY882
C25941-2	Y18786.D	1	01/30/13	MT	01/28/13	OP7407	EY882

The QC reported here applies to the following samples: **Method:** SW846 8270C

C25941-1, C25941-2, C25941-3, C25941-4, C25941-5, C25941-6, C25941-7, C25941-8, C25941-9, C25941-10, C25941-11, C25941-12, C25941-13, C25941-14

CAS No.	Compound	C25941-2 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
83-32-9	Acenaphthene	ND		831	425	51	551	66	26	34-112/28
208-96-8	Acenaphthylene	ND		831	469	56	585	71	22	33-115/28
120-12-7	Anthracene	ND		831	679	82	739	89	8	59-111/21
56-55-3	Benzo(a)anthracene	ND		831	779	94	767	93	2	72-122/22
50-32-8	Benzo(a)pyrene	ND		831	822	99	799	96	3	71-120/22
205-99-2	Benzo(b)fluoranthene	ND		831	827	100	839	101	1	67-123/24
191-24-2	Benzo(g,h,i)perylene	ND		831	647	78	619	75	4	57-134/24
207-08-9	Benzo(k)fluoranthene	ND		831	867	104	799	96	8	74-126/25
218-01-9	Chrysene	ND		831	743	89	725	87	2	73-125/22
53-70-3	Dibenzo(a,h)anthracene	ND		831	745	90	707	85	5	59-132/23
206-44-0	Fluoranthene	ND		831	778	94	776	94	0	69-117/21
86-73-7	Fluorene	ND		831	551	66	667	80	19	42-112/24
193-39-5	Indeno(1,2,3-cd)pyrene	ND		831	711	86	682	82	4	60-131/21
90-12-0	1-Methylnaphthalene	ND		831	480	58	599	72	22	33-110/30
91-57-6	2-Methylnaphthalene	ND		831	501	60	617	74	21	33-107/30
91-20-3	Naphthalene	ND		831	415	50	512	62	21	32-121/31
85-01-8	Phenanthrene	ND		831	643	77	703	85	9	57-113/21
129-00-0	Pyrene	ND		831	817	98	790	95	3	63-120/20

CAS No.	Surrogate Recoveries	MS	MSD	C25941-2	Limits
4165-60-0	Nitrobenzene-d5	61%	72%	63%	15-101%
321-60-8	2-Fluorobiphenyl	60%	73%	64%	15-104%
1718-51-0	Terphenyl-d14	110%	103%	102%	56-123%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: C25941
Account: EQUOCAMS EquoLogic
Project: T10000003424-San Lorenzo, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP7411-MS	Y18784.D	1	01/30/13	MT	01/29/13	OP7411	EY882
OP7411-MSD	Y18785.D	1	01/30/13	MT	01/29/13	OP7411	EY882
C25941-20	Y18783.D	1	01/30/13	MT	01/29/13	OP7411	EY882

The QC reported here applies to the following samples: **Method:** SW846 8270C

C25941-15, C25941-16, C25941-17, C25941-18, C25941-19, C25941-20

CAS No.	Compound	C25941-20 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
83-32-9	Acenaphthene	ND		830	534	64	480	58	11	34-112/28
208-96-8	Acenaphthylene	ND		830	581	70	529	64	9	33-115/28
120-12-7	Anthracene	ND		830	741	89	662	80	11	59-111/21
56-55-3	Benzo(a)anthracene	ND		830	765	92	680	82	12	72-122/22
50-32-8	Benzo(a)pyrene	ND		830	798	96	720	87	10	71-120/22
205-99-2	Benzo(b)fluoranthene	ND		830	856	103	734	88	15	67-123/24
191-24-2	Benzo(g,h,i)perylene	ND		830	585	70	560	67	4	57-134/24
207-08-9	Benzo(k)fluoranthene	ND		830	823	99	750	90	9	74-126/25
218-01-9	Chrysene	ND		830	724	87	649	78	11	73-125/22
53-70-3	Dibenzo(a,h)anthracene	ND		830	684	82	635	77	7	59-132/23
206-44-0	Fluoranthene	ND		830	778	94	695	84	11	69-117/21
86-73-7	Fluorene	ND		830	673	81	608	73	10	42-112/24
193-39-5	Indeno(1,2,3-cd)pyrene	ND		830	691	83	655	79	5	60-131/21
90-12-0	1-Methylnaphthalene	ND		830	576	69	522	63	10	33-110/30
91-57-6	2-Methylnaphthalene	ND		830	596	72	541	65	10	33-107/30
91-20-3	Naphthalene	ND		830	487	59	443	53	9	32-121/31
85-01-8	Phenanthrene	ND		830	711	86	638	77	11	57-113/21
129-00-0	Pyrene	ND		830	786	95	718	87	9	63-120/20

CAS No.	Surrogate Recoveries	MS	MSD	C25941-20	Limits
367-12-4	2-Fluorophenol	73%	69%		14-99%
4165-62-2	Phenol-d5	78%	74%		18-100%
118-79-6	2,4,6-Tribromophenol	99%	90%		25-107%
4165-60-0	Nitrobenzene-d5	72%	69%	77%	15-101%
321-60-8	2-Fluorobiphenyl	75%	72%	80%	15-104%
1718-51-0	Terphenyl-d14	107%	103%	110%	56-123%

* = Outside of Control Limits.

Northern California ACCUTEST LABORATORIES

GC/MS Semi-volatiles

Raw Data

Quantitation Report (QT Reviewed)

Data File : C:\msdchem\1\DATA\Y130130\Y18818.D Vial: 13
Acq On : 30 Jan 2013 7:28 pm Operator: MAIT
Sample : C25941-1 Inst : Y
Misc : OP7407,EY883,30.08,,,1,1,S,pah Multiplr: 1.00
Quant Results File: EY880_Terpineol.RES
Quant Time: Jan 31 13:37:06 2013

Quant Method : C:\msdchem\1\METHODS\EY880_Terpineol.M
Quant Title : SVOC Method SW 8270C or EPA625
QLast Update : Thu Jan 31 13:10:40 2013
Response via : Initial Calibration
DataAcq Meth:ACQ_BNA.M

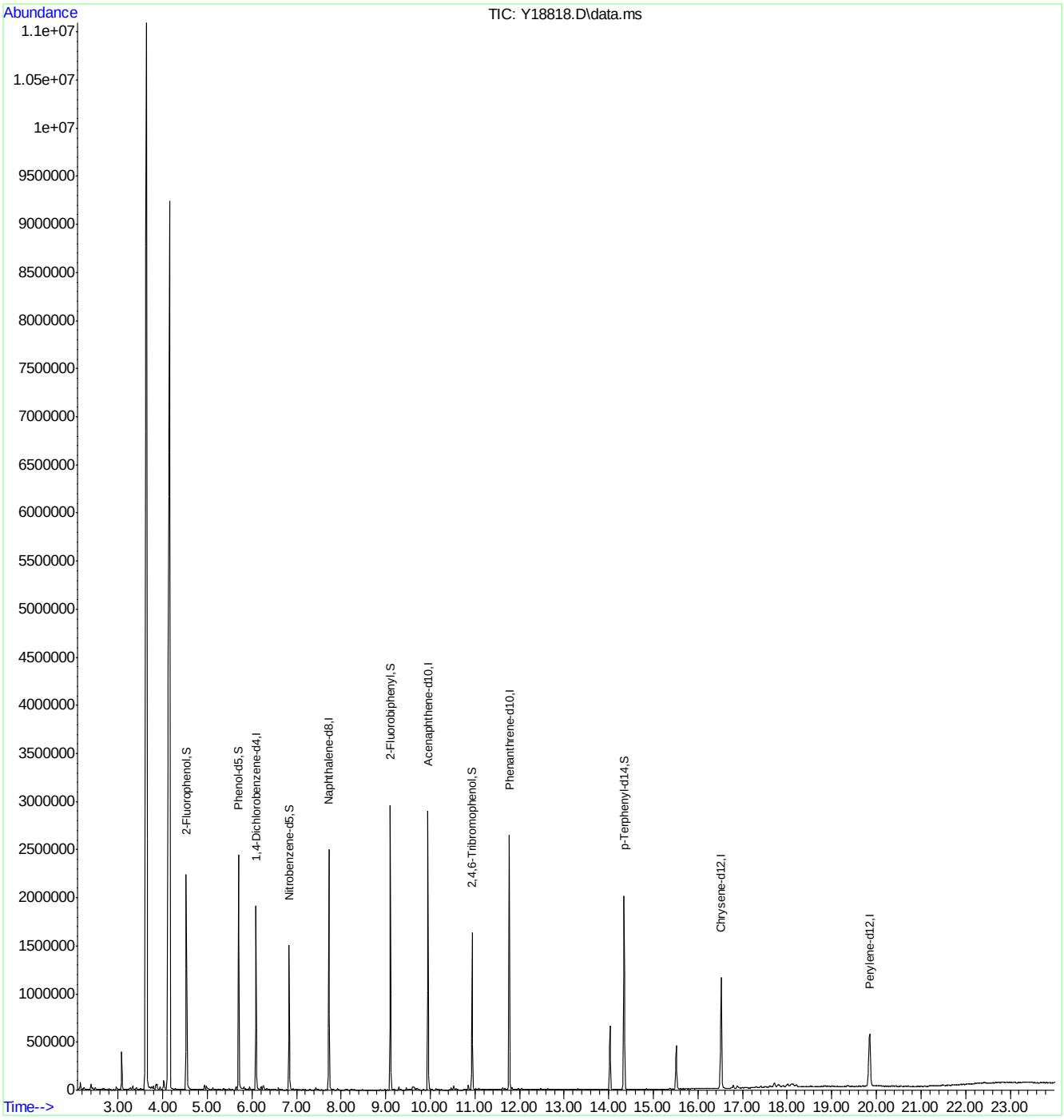
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.093	152	290926	40.00	ppm	# 0.00
25) Naphthalene-d8	7.724	136	1074167	40.00	ppm	# 0.00
43) Acenaphthene-d10	9.949	164	660914	40.00	ppm	# 0.00
73) Phenanthrene-d10	11.773	188	1076432	40.00	ppm	# 0.00
84) Chrysene-d12	16.523	240	754206	40.00	ppm	#-0.01
93) Perylene-d12	19.855	264	483102	40.00	ppm	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.537	112	638716	61.73	ppm	0.02
Spiked Amount 75.000	Range 10 - 100		Recovery = 82.31%			
9) Phenol-d5	5.703	99	901270	64.29	ppm	0.00
Spiked Amount 75.000	Range 7 - 100		Recovery = 85.72%			
23) Nitrobenzene-d5	6.836	82	547499	40.57	ppm	0.00
Spiked Amount 50.000	Range 25 - 100		Recovery = 81.14%			
47) 2-Fluorobiphenyl	9.104	172	984145	42.64	ppm	0.00
Spiked Amount 50.000	Range 20 - 100		Recovery = 85.28%			
74) 2,4,6-Tribromophenol	10.939	330	129130	72.22	ppm	0.00
Spiked Amount 75.000	Range 25 - 115		Recovery = 96.29%			
86) p-Terphenyl-d14	14.346	244	1015042	54.13	ppm	0.00
Spiked Amount 50.000	Range 35 - 130		Recovery = 108.26%			
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\msdchem\1\DATA\Y130130\Y18818.D Vial: 13
Acq On : 30 Jan 2013 7:28 pm Operator: MAIT
Sample : C25941-1 Inst : Y
Misc : OP7407,EY883,30.08,,,1,1,S,pah Multiplr: 1.00
Quant Results File: EY880_Terpineol.RES
Quant Time: Jan 31 13:37:06 2013

Quant Method : C:\msdchem\1\METHODS\EY880_Terpineol.M
Quant Title : SVOC Method SW 8270C or EPA625
QLast Update : Thu Jan 31 13:10:40 2013
Response via : Initial Calibration
DataAcq Meth:ACQ_BNA.M



Quantitation Report (QT Reviewed)

Data File : C:\msdchem\1\DATA\Y130129\Y18786.D Vial: 17
Acq On : 30 Jan 2013 1:57 am Operator: MAIT
Sample : C25941-2 Inst : Y
Misc : OP7407,EY882,30.02,,,1,1,S Multiplr: 1.00
Quant Results File: EY880_Terpineol.RES
Quant Time: Jan 30 15:19:07 2013

Quant Method : C:\msdchem\1\METHODS\EY880_Terpineol.M
Quant Title : SVOC Method SW 8270C or EPA625
QLast Update : Wed Jan 30 15:01:21 2013
Response via : Initial Calibration
DataAcq Meth:ACQ_BNA.M

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.136	152	405809	40.00	ppm	# 0.00
25) Naphthalene-d8	7.767	136	1529389	40.00	ppm	# 0.00
43) Acenaphthene-d10	9.992	164	950554	40.00	ppm	# 0.00
73) Phenanthrene-d10	11.811	188	1570746	40.00	ppm	# 0.00
84) Chrysene-d12	16.587	240	1122004	40.00	ppm	#-0.01
93) Perylene-d12	19.941	264	632102	40.00	ppm	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.579	112	682655	47.30	ppm	0.02
Spiked Amount 75.000	Range 10 - 100		Recovery = 63.07%			
9) Phenol-d5	5.745	99	978174	50.02	ppm	0.00
Spiked Amount 75.000	Range 7 - 100		Recovery = 66.69%			
23) Nitrobenzene-d5	6.879	82	589831	31.33	ppm	0.00
Spiked Amount 50.000	Range 25 - 100		Recovery = 62.66%			
47) 2-Fluorobiphenyl	9.142	172	1069906	32.23	ppm	-0.01
Spiked Amount 50.000	Range 20 - 100		Recovery = 64.46%			
74) 2,4,6-Tribromophenol	10.982	330	162619	62.33	ppm	0.00
Spiked Amount 75.000	Range 25 - 115		Recovery = 83.11%			
86) p-Terphenyl-d14	14.405	244	1422519	51.00	ppm	0.00
Spiked Amount 50.000	Range 35 - 130		Recovery = 102.00%			

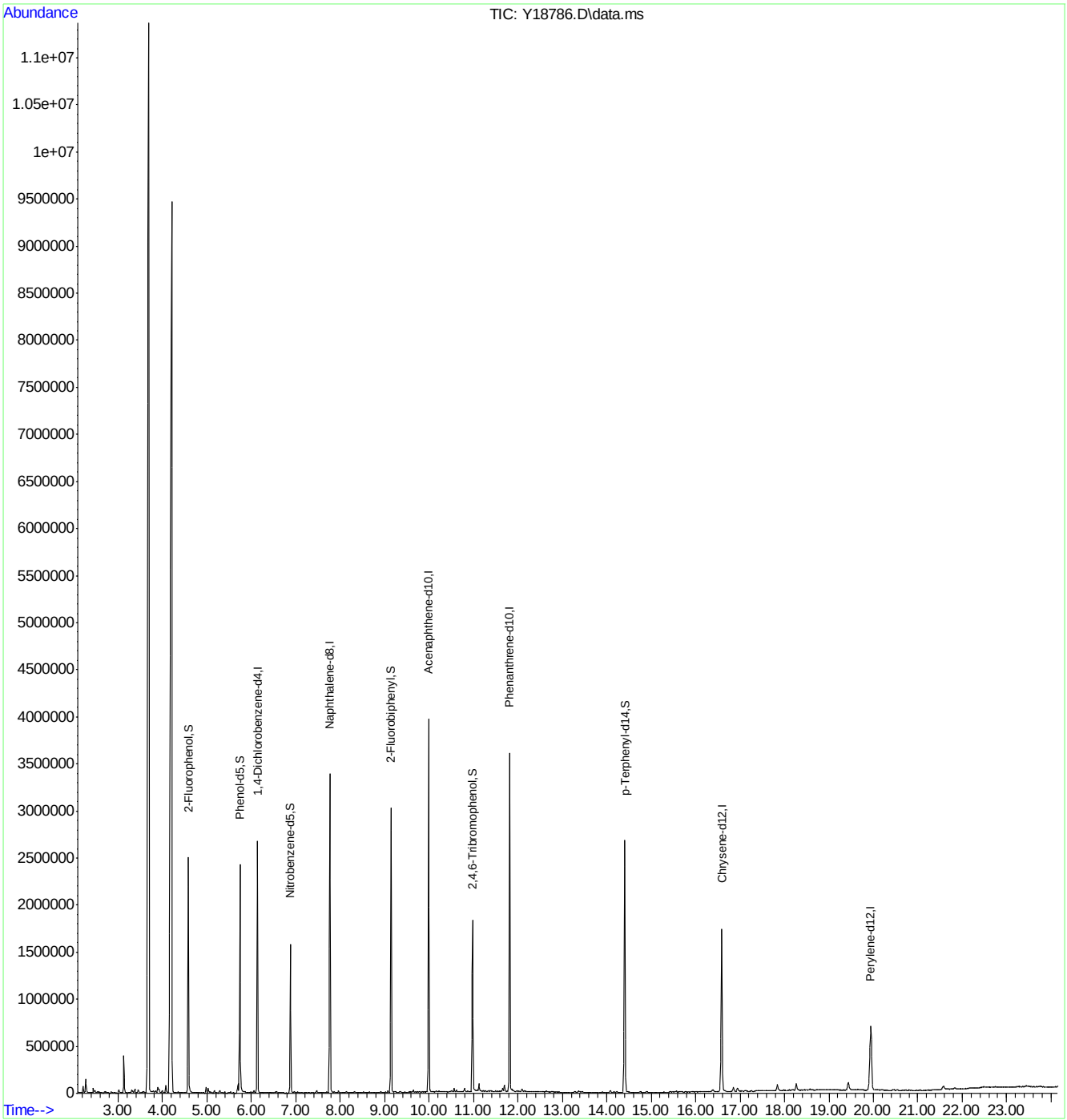
Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\msdchem\1\DATA\Y130129\Y18786.D Vial: 17
Acq On : 30 Jan 2013 1:57 am Operator: MAIT
Sample : C25941-2 Inst : Y
Misc : OP7407,EY882,30.02,,,1,1,S Multiplr: 1.00
Quant Results File: EY880_Terpineol.RES
Quant Time: Jan 30 15:19:07 2013

Quant Method : C:\msdchem\1\METHODS\EY880_Terpineol.M
Quant Title : SVOC Method SW 8270C or EPA625
QLast Update : Wed Jan 30 15:01:21 2013
Response via : Initial Calibration
DataAcq Meth:ACQ_BNA.M



Quantitation Report (QT Reviewed)

Data File : C:\msdchem\1\DATA\Y130130\Y18819.D Vial: 14
Acq On : 30 Jan 2013 8:00 pm Operator: MAIT
Sample : C25941-3 Inst : Y
Misc : OP7407,EY883,30.00,,,1,1,S,pah Multiplr: 1.00
Quant Results File: EY880_Terpineol.RES
Quant Time: Jan 31 13:38:38 2013

Quant Method : C:\msdchem\1\METHODS\EY880_Terpineol.M
Quant Title : SVOC Method SW 8270C or EPA625
QLast Update : Thu Jan 31 13:10:40 2013
Response via : Initial Calibration
DataAcq Meth:ACQ_BNA.M

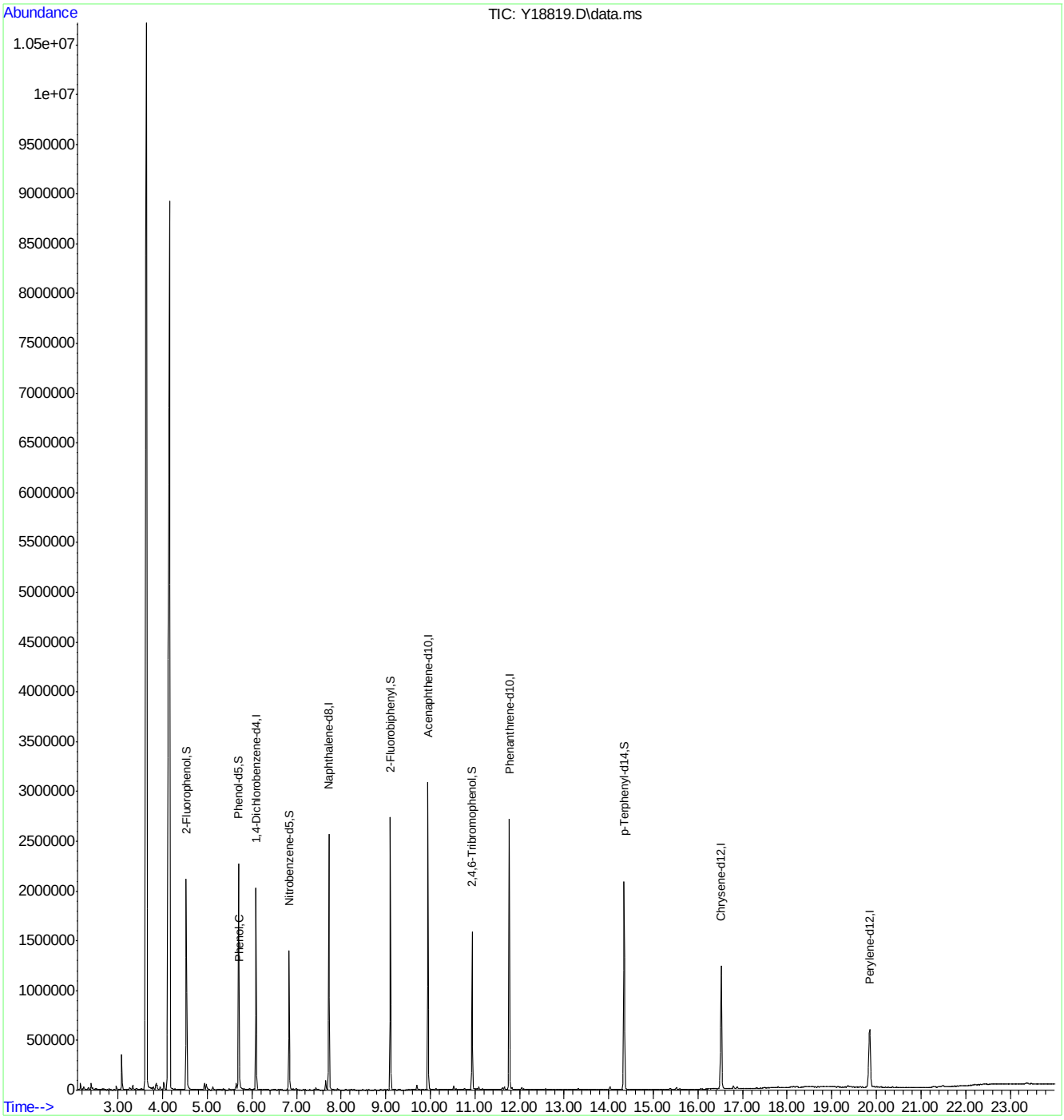
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.093	152	310580	40.00	ppm	# 0.00
25) Naphthalene-d8	7.724	136	1149281	40.00	ppm	# 0.00
43) Acenaphthene-d10	9.949	164	709033	40.00	ppm	# 0.00
73) Phenanthrene-d10	11.773	188	1143452	40.00	ppm	# 0.00
84) Chrysene-d12	16.523	240	809765	40.00	ppm	#-0.01
93) Perylene-d12	19.850	264	508414	40.00	ppm	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.531	112	593733	53.75	ppm	0.02
Spiked Amount 75.000	Range 10 - 100		Recovery = 71.67%			
9) Phenol-d5	5.702	99	849291	56.74	ppm	0.00
Spiked Amount 75.000	Range 7 - 100		Recovery = 75.65%			
23) Nitrobenzene-d5	6.836	82	504820	35.04	ppm	0.00
Spiked Amount 50.000	Range 25 - 100		Recovery = 70.08%			
47) 2-Fluorobiphenyl	9.104	172	923900	37.31	ppm	0.00
Spiked Amount 50.000	Range 20 - 100		Recovery = 74.62%			
74) 2,4,6-Tribromophenol	10.939	330	124684	65.65	ppm	0.00
Spiked Amount 75.000	Range 25 - 115		Recovery = 87.53%			
86) p-Terphenyl-d14	14.346	244	1093085	54.30	ppm	0.00
Spiked Amount 50.000	Range 35 - 130		Recovery = 108.60%			
Target Compounds						Qvalue
10) Phenol	5.713	94	118756	6.62	ppm	# 61

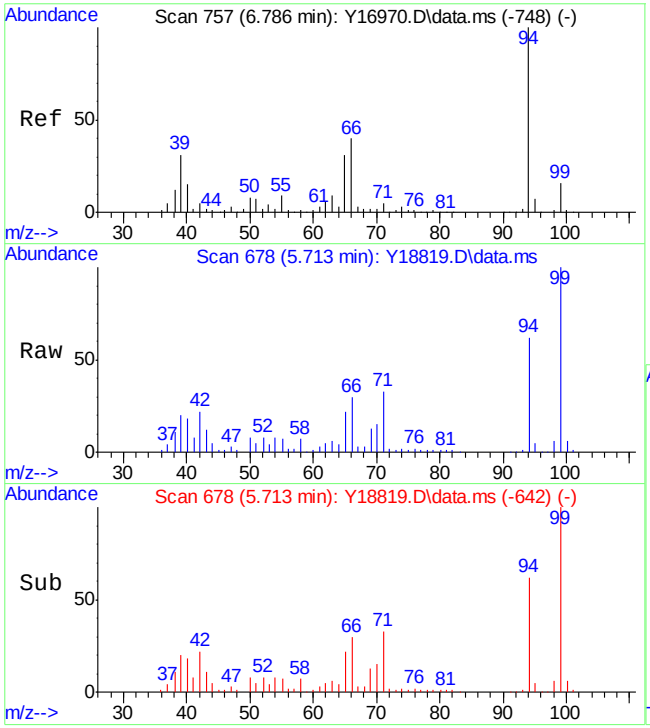
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\msdchem\1\DATA\Y130130\Y18819.D Vial: 14
Acq On : 30 Jan 2013 8:00 pm Operator: MAIT
Sample : C25941-3 Inst : Y
Misc : OP7407,EY883,30.00,,,1,1,S,pah Multiplr: 1.00
Quant Results File: EY880_Terpineol.RES
Quant Time: Jan 31 13:38:38 2013

Quant Method : C:\msdchem\1\METHODS\EY880_Terpineol.M
Quant Title : SVOC Method SW 8270C or EPA625
QLast Update : Thu Jan 31 13:10:40 2013
Response via : Initial Calibration
DataAcq Meth:ACQ_BNA.M

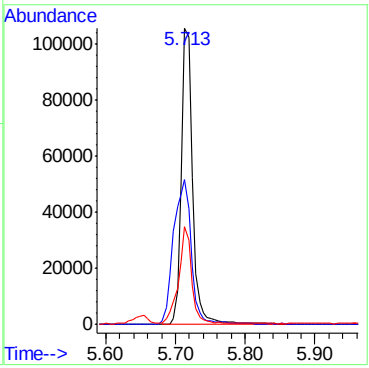




#10
Phenol
Concen: 6.62 ppm
RT: 5.713 min Scan# 678
Delta R.T. -0.005 min
Lab File: Y18819.D
Acq: 30 Jan 2013 8:00 pm

Tgt Ion: 94 Resp: 118756

Ion	Ratio	Lower	Upper
94	100		
66	76.6	30.2	56.0#
39	37.4	19.3	35.9#



Quantitation Report (QT Reviewed)

Data File : C:\msdchem\1\DATA\Y130130\Y18820.D Vial: 15
Acq On : 30 Jan 2013 8:32 pm Operator: MAIT
Sample : C25941-4 Inst : Y
Misc : OP7407,EY883,30.01,,,1,1,S,pah Multiplr: 1.00
Quant Results File: EY880_Terpineol.RES
Quant Time: Jan 31 13:42:23 2013

Quant Method : C:\msdchem\1\METHODS\EY880_Terpineol.M
Quant Title : SVOC Method SW 8270C or EPA625
QLast Update : Thu Jan 31 13:10:40 2013
Response via : Initial Calibration
DataAcq Meth:ACQ_BNA.M

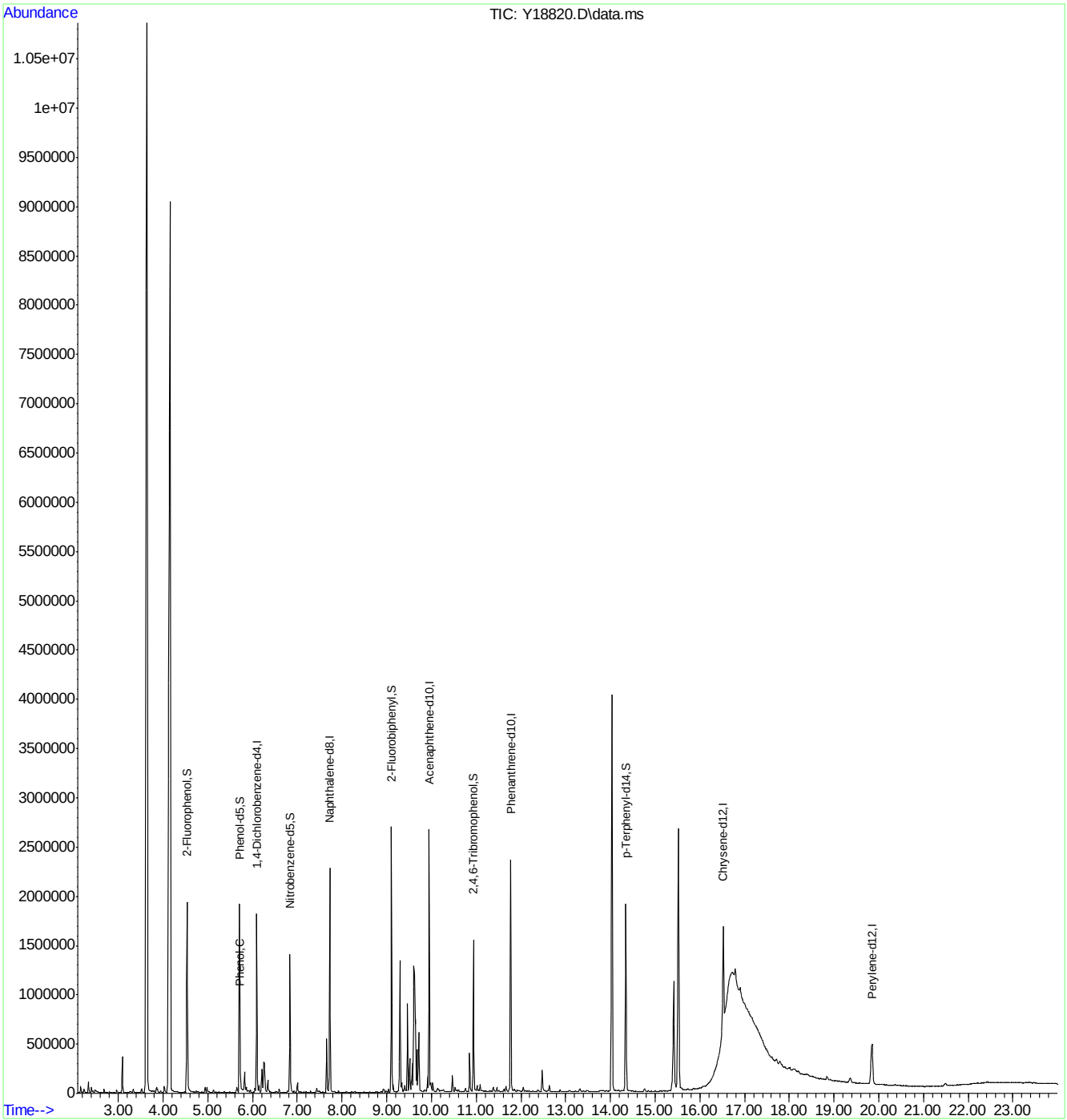
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.093	152	269379	40.00	ppm	# 0.00
25) Naphthalene-d8	7.724	136	1006856	40.00	ppm	# 0.00
43) Acenaphthene-d10	9.949	164	623611	40.00	ppm	# 0.00
73) Phenanthrene-d10	11.773	188	983440	40.00	ppm	# 0.00
84) Chrysene-d12	16.523	240	666526	40.00	ppm	#-0.01
93) Perylene-d12	19.844	264	369893	40.00	ppm	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.537	112	579603	60.50	ppm	0.02
Spiked Amount 75.000	Range 10 - 100		Recovery = 80.67%			
9) Phenol-d5	5.708	99	828413	63.82	ppm	0.00
Spiked Amount 75.000	Range 7 - 100		Recovery = 85.09%			
23) Nitrobenzene-d5	6.837	82	498792	39.92	ppm	0.00
Spiked Amount 50.000	Range 25 - 100		Recovery = 79.84%			
47) 2-Fluorobiphenyl	9.104	172	916536	42.08	ppm	0.00
Spiked Amount 50.000	Range 20 - 100		Recovery = 84.16%			
74) 2,4,6-Tribromophenol	10.939	330	122253	74.84	ppm	0.00
Spiked Amount 75.000	Range 25 - 115		Recovery = 99.79%			
86) p-Terphenyl-d14	14.346	244	907157	54.75	ppm	0.00
Spiked Amount 50.000	Range 35 - 130		Recovery = 109.50%			
Target Compounds						Qvalue
10) Phenol	5.719	94	75794	4.87	ppm	# 40

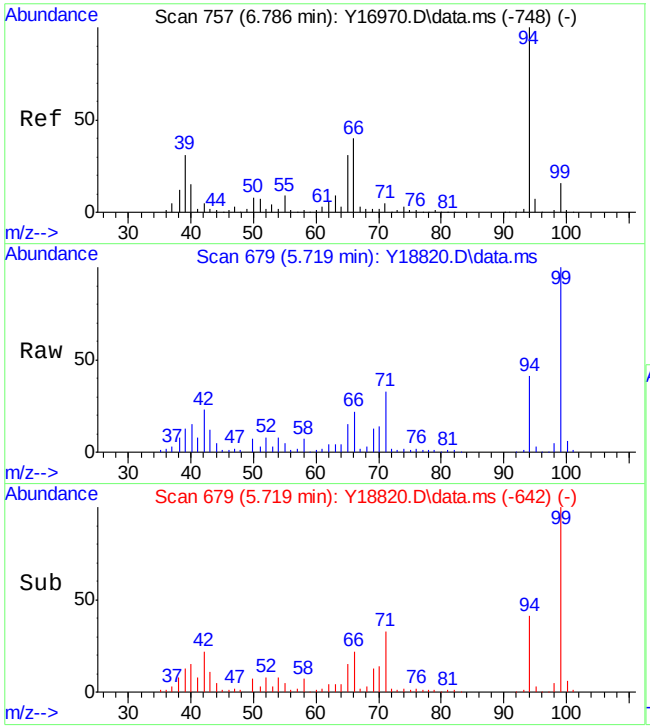
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\msdchem\1\DATA\Y130130\Y18820.D Vial: 15
Acq On : 30 Jan 2013 8:32 pm Operator: MAIT
Sample : C25941-4 Inst : Y
Misc : OP7407,EY883,30.01,,,1,1,S,pah Multiplr: 1.00
Quant Results File: EY880_Terpineol.RES
Quant Time: Jan 31 13:42:23 2013

Quant Method : C:\msdchem\1\METHODS\EY880_Terpineol.M
Quant Title : SVOC Method SW 8270C or EPA625
QLast Update : Thu Jan 31 13:10:40 2013
Response via : Initial Calibration
DataAcq Meth:ACQ_BNA.M

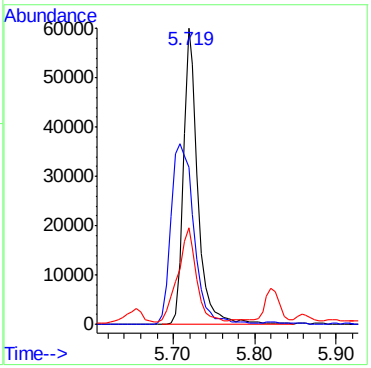




#10
Phenol
Concen: 4.87 ppm
RT: 5.719 min Scan# 679
Delta R.T. 0.000 min
Lab File: Y18820.D
Acq: 30 Jan 2013 8:32 pm

Tgt Ion: 94 Resp: 75794

Ion	Ratio	Lower	Upper
94	100		
66	95.4	30.2	56.0#
39	40.9	19.3	35.9#



Quantitation Report (QT Reviewed)

Data File : C:\msdchem\1\DATA\Y130130\Y18813.D Vial: 8
Acq On : 30 Jan 2013 4:47 pm Operator: MAIT
Sample : C25941-5 Inst : Y
Misc : OP7407,EY883,30.12,,,1,4,S,pah Multiplr: 1.00
Quant Results File: EY880_Terpineol.RES
Quant Time: Jan 31 13:17:13 2013

Quant Method : C:\msdchem\1\METHODS\EY880_Terpineol.M
Quant Title : SVOC Method SW 8270C or EPA625
QLast Update : Thu Jan 31 13:10:40 2013
Response via : Initial Calibration
DataAcq Meth:ACQ_BNA.M

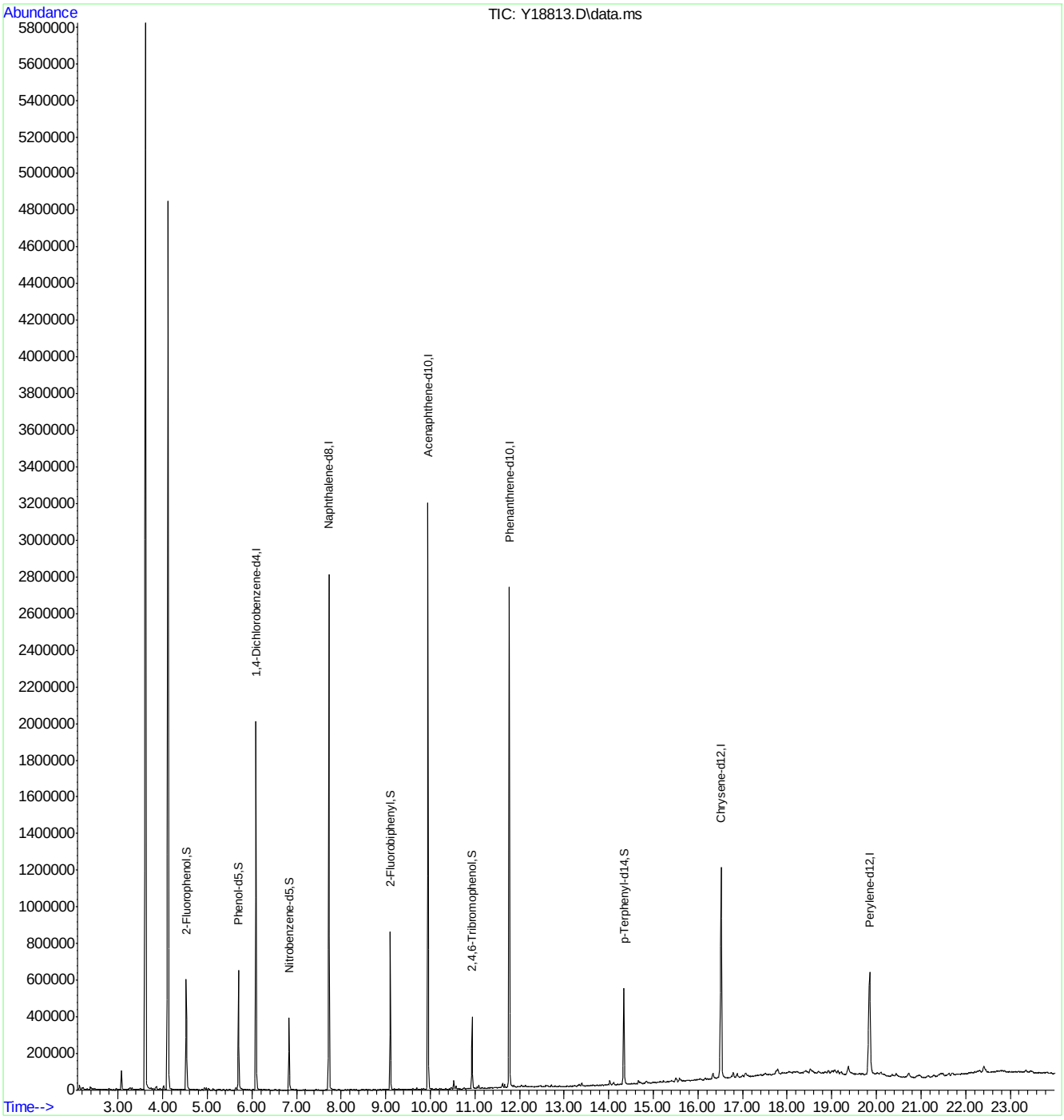
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.093	152	319481	40.00	ppm	# 0.00
25) Naphthalene-d8	7.724	136	1199602	40.00	ppm	# 0.00
43) Acenaphthene-d10	9.949	164	734815	40.00	ppm	# 0.00
73) Phenanthrene-d10	11.773	188	1142186	40.00	ppm	# 0.00
84) Chrysene-d12	16.523	240	757652	40.00	ppm	#-0.01
93) Perylene-d12	19.850	264	474686	40.00	ppm	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.531	112	177677	15.64	ppm	0.02
Spiked Amount 75.000	Range 10 - 100		Recovery = 20.85%			
9) Phenol-d5	5.697	99	255759	16.61	ppm	0.00
Spiked Amount 75.000	Range 7 - 100		Recovery = 22.15%			
23) Nitrobenzene-d5	6.831	82	151478	10.22	ppm	-0.01
Spiked Amount 50.000	Range 25 - 100		Recovery = 20.44%#			
47) 2-Fluorobiphenyl	9.104	172	278573	10.85	ppm	0.00
Spiked Amount 50.000	Range 20 - 100		Recovery = 21.70%			
74) 2,4,6-Tribromophenol	10.939	330	33445	17.63	ppm	0.00
Spiked Amount 75.000	Range 25 - 115		Recovery = 23.51%#			
86) p-Terphenyl-d14	14.341	244	259704	13.79	ppm	0.00
Spiked Amount 50.000	Range 35 - 130		Recovery = 27.58%#			
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\msdchem\1\DATA\Y130130\Y18813.D Vial: 8
Acq On : 30 Jan 2013 4:47 pm Operator: MAIT
Sample : C25941-5 Inst : Y
Misc : OP7407,EY883,30.12,,,1,4,S,pah Multiplr: 1.00
Quant Results File: EY880_Terpineol.RES
Quant Time: Jan 31 13:17:13 2013

Quant Method : C:\msdchem\1\METHODS\EY880_Terpineol.M
Quant Title : SVOC Method SW 8270C or EPA625
QLast Update : Thu Jan 31 13:10:40 2013
Response via : Initial Calibration
DataAcq Meth:ACQ_BNA.M



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Z130130\
Data File : Z2061.D
Acq On : 30 Jan 2013 7:27 pm
Operator : MAIT
Sample : C25941-6
Misc : OP7407,EZ105,30.05,,,1,1,S
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jan 31 15:07:34 2013
Quant Method : C:\msdchem\1\methods\EZ104_PAH.M
Quant Title : SVOC Method SW 8270C or EPA625
QLast Update : Thu Jan 31 15:04:04 2013
Response via : Initial Calibration
DataAcq Meth:ACQ_BNA.M

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.053	152	703449	40.00	ppm	# 0.00
6) Naphthalene-d8	8.688	136	2832468	40.00	ppm	#-0.01
10) Acenaphthene-d10	10.937	164	1732782	40.00	ppm	-0.01
15) Phenanthrene-d10	12.881	188	3150339	40.00	ppm	-0.01
20) Chrysene-d12	18.192	240	2725417	40.00	ppm	#-0.01
25) Perylene-d12	22.380	264	1890785	40.00	ppm	#-0.01
System Monitoring Compounds						
3) 2-Fluorophenol	5.482	112	1478536	59.80	ppm	0.01
Spiked Amount 75.000	Range 10 - 100		Recovery = 79.73%			
4) Phenol-d5	6.588	99	2032670	65.20	ppm	-0.01
Spiked Amount 75.000	Range 7 - 100		Recovery = 86.93%			
5) Nitrobenzene-d5	7.785	82	1247797	46.02	ppm	-0.01
Spiked Amount 50.000	Range 25 - 100		Recovery = 92.04%			
11) 2-Fluorobiphenyl	10.055	172	2513770	41.11	ppm	-0.01
Spiked Amount 50.000	Range 20 - 100		Recovery = 82.22%			
16) 2,4,6-Tribromophenol	11.936	330	600883	68.90	ppm	-0.01
Spiked Amount 75.000	Range 25 - 115		Recovery = 91.87%			
22) p-Terphenyl-d14	15.852	244	3679288	51.44	ppm	0.00
Spiked Amount 50.000	Range 35 - 130		Recovery = 102.88%			

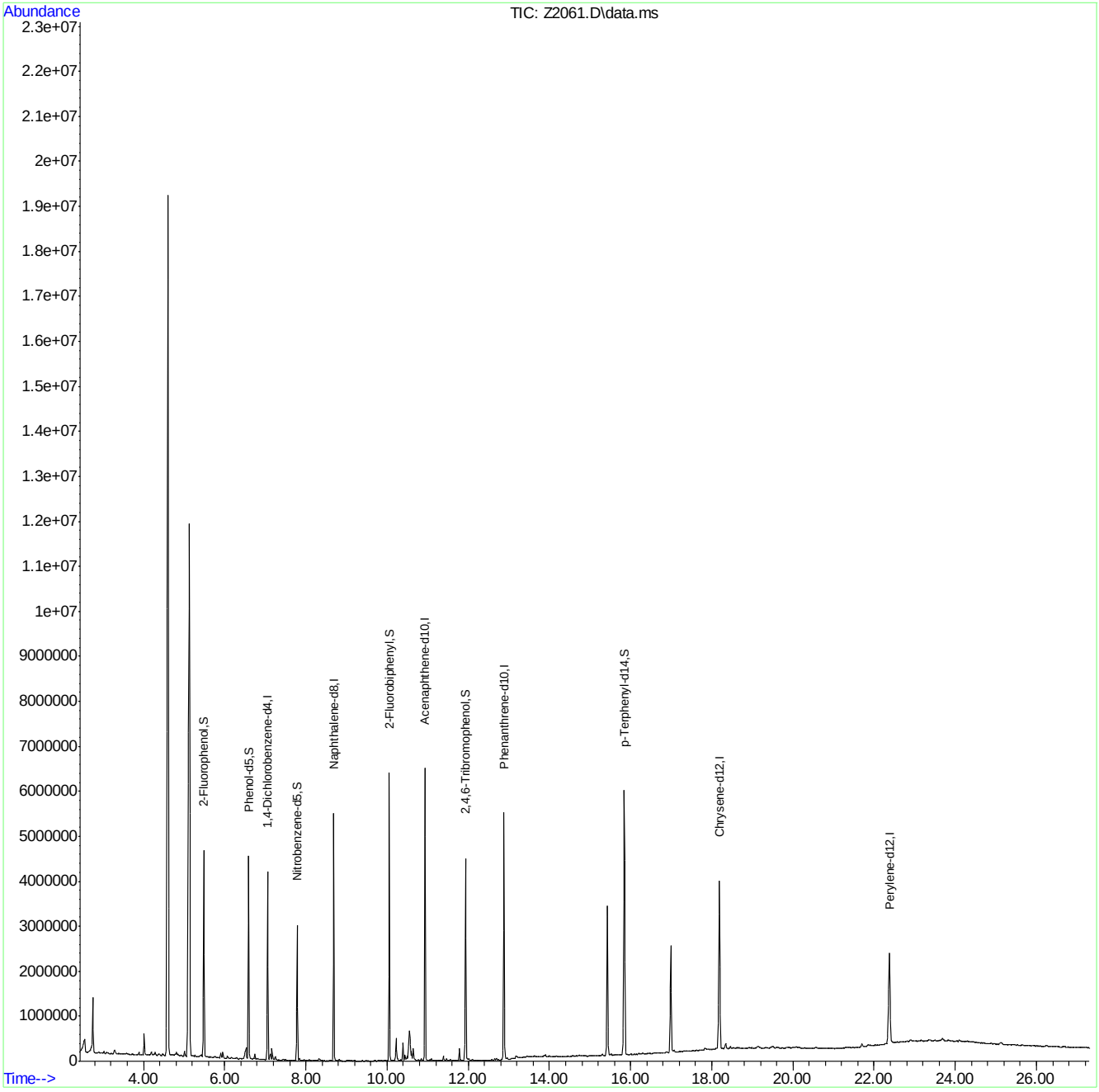
Target Compounds	Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Z130130\
Data File : Z2061.D
Acq On : 30 Jan 2013 7:27 pm
Operator : MAIT
Sample : C25941-6
Misc : OP7407,EZ105,30.05,,,1,1,S
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jan 31 15:07:34 2013
Quant Method : C:\msdchem\1\methods\EZ104_PAH.M
Quant Title : SVOC Method SW 8270C or EPA625
QLast Update : Thu Jan 31 15:04:04 2013
Response via : Initial Calibration
DataAcq Meth:ACQ_BNA.M



Quantitation Report (QT Reviewed)

Data File : C:\msdchem\1\DATA\Y130130\Y18814.D Vial: 9
Acq On : 30 Jan 2013 5:19 pm Operator: MAIT
Sample : C25941-7 Inst : Y
Misc : OP7407,EY883,30.07,,,1,2,S,pah Multiplr: 1.00
Quant Results File: EY880_Terpineol.RES
Quant Time: Jan 31 13:20:13 2013

Quant Method : C:\msdchem\1\METHODS\EY880_Terpineol.M
Quant Title : SVOC Method SW 8270C or EPA625
QLast Update : Thu Jan 31 13:10:40 2013
Response via : Initial Calibration
DataAcq Meth:ACQ_BNA.M

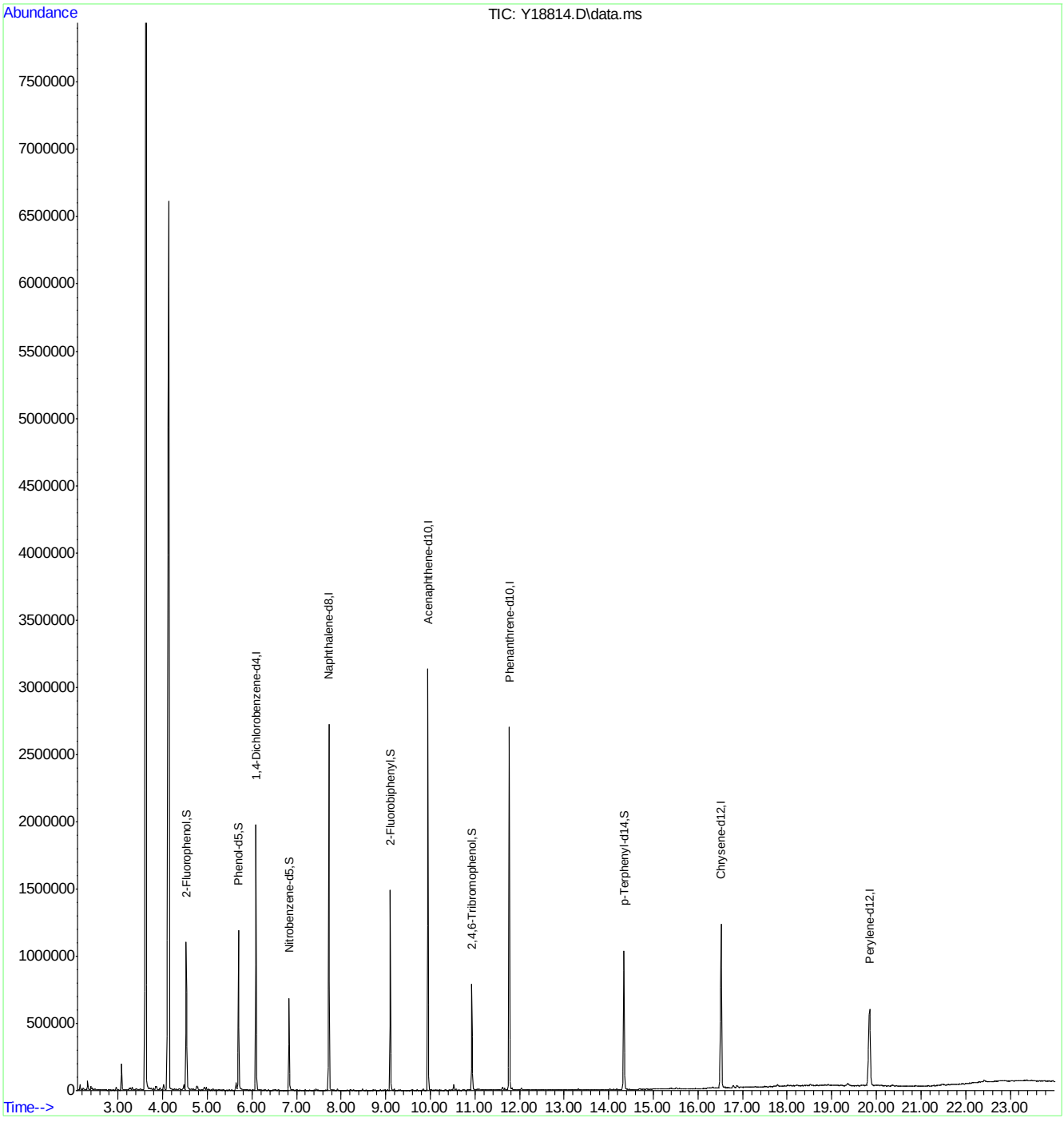
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.093	152	309818	40.00	ppm	# 0.00
25) Naphthalene-d8	7.724	136	1163964	40.00	ppm	# 0.00
43) Acenaphthene-d10	9.949	164	711649	40.00	ppm	# 0.00
73) Phenanthrene-d10	11.773	188	1125891	40.00	ppm	# 0.00
84) Chrysene-d12	16.517	240	780066	40.00	ppm	#-0.02
93) Perylene-d12	19.850	264	511777	40.00	ppm	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.531	112	307705	27.93	ppm	0.02
Spiked Amount 75.000	Range 10 - 100		Recovery = 37.24%			
9) Phenol-d5	5.697	99	441564	29.58	ppm	0.00
Spiked Amount 75.000	Range 7 - 100		Recovery = 39.44%			
23) Nitrobenzene-d5	6.836	82	256825	17.87	ppm	0.00
Spiked Amount 50.000	Range 25 - 100		Recovery = 35.74%			
47) 2-Fluorobiphenyl	9.104	172	474993	19.11	ppm	0.00
Spiked Amount 50.000	Range 20 - 100		Recovery = 38.22%			
74) 2,4,6-Tribromophenol	10.939	330	65329	34.93	ppm	0.00
Spiked Amount 75.000	Range 25 - 115		Recovery = 46.57%			
86) p-Terphenyl-d14	14.341	244	512811	26.44	ppm	0.00
Spiked Amount 50.000	Range 35 - 130		Recovery = 52.88%			
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\msdchem\1\DATA\Y130130\Y18814.D Vial: 9
Acq On : 30 Jan 2013 5:19 pm Operator: MAIT
Sample : C25941-7 Inst : Y
Misc : OP7407,EY883,30.07,,,1,2,S,pah Multiplr: 1.00
Quant Results File: EY880_Terpineol.RES
Quant Time: Jan 31 13:20:13 2013

Quant Method : C:\msdchem\1\METHODS\EY880_Terpineol.M
Quant Title : SVOC Method SW 8270C or EPA625
QLast Update : Thu Jan 31 13:10:40 2013
Response via : Initial Calibration
DataAcq Meth:ACQ_BNA.M



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Z130130\
Data File : Z2062.D
Acq On : 30 Jan 2013 8:03 pm
Operator : MAIT
Sample : C25941-8
Misc : OP7407,EZ105,30.02,,,1,1,S
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jan 31 15:08:11 2013
Quant Method : C:\msdchem\1\methods\EZ104_PAH.M
Quant Title : SVOC Method SW 8270C or EPA625
QLast Update : Thu Jan 31 15:04:04 2013
Response via : Initial Calibration
DataAcq Meth:ACQ_BNA.M

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.053	152	822235	40.00	ppm	# 0.00
6) Naphthalene-d8	8.688	136	3386399	40.00	ppm	#-0.01
10) Acenaphthene-d10	10.937	164	2052322	40.00	ppm	-0.01
15) Phenanthrene-d10	12.881	188	3737058	40.00	ppm	-0.01
20) Chrysene-d12	18.186	240	3505524	40.00	ppm	#-0.02
25) Perylene-d12	22.369	264	2465850	40.00	ppm	#-0.02
System Monitoring Compounds						
3) 2-Fluorophenol	5.482	112	1769137	61.22	ppm	0.01
Spiked Amount 75.000	Range 10 - 100		Recovery = 81.63%			
4) Phenol-d5	6.588	99	2426690	66.59	ppm	-0.01
Spiked Amount 75.000	Range 7 - 100		Recovery = 88.79%			
5) Nitrobenzene-d5	7.785	82	1475203	46.55	ppm	-0.01
Spiked Amount 50.000	Range 25 - 100		Recovery = 93.10%			
11) 2-Fluorobiphenyl	10.055	172	3004098	41.48	ppm	-0.01
Spiked Amount 50.000	Range 20 - 100		Recovery = 82.96%			
16) 2,4,6-Tribromophenol	11.936	330	692271	67.15	ppm	-0.01
Spiked Amount 75.000	Range 25 - 115		Recovery = 89.53%			
22) p-Terphenyl-d14	15.846	244	4641484	50.45	ppm	0.00
Spiked Amount 50.000	Range 35 - 130		Recovery = 100.90%			

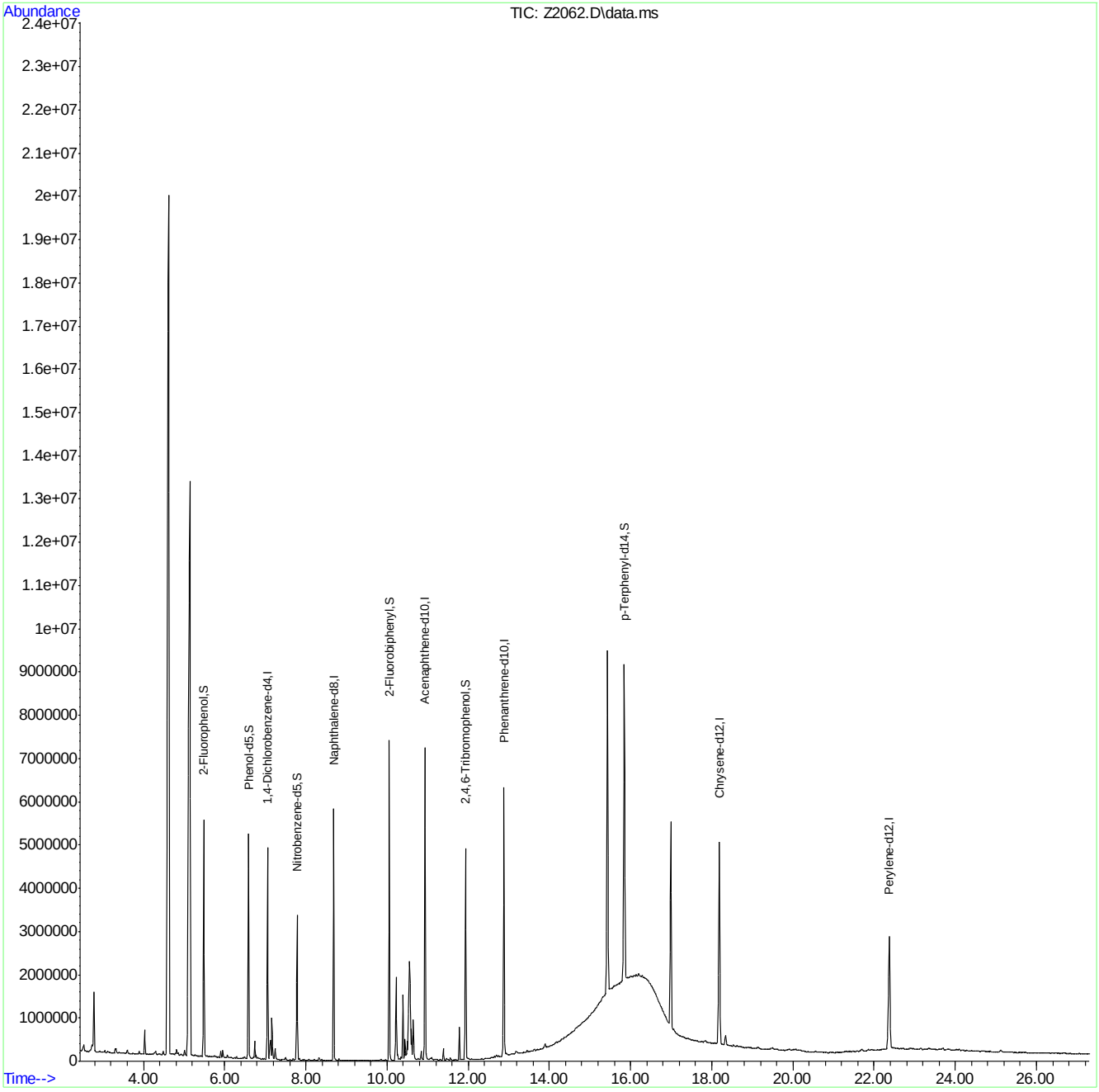
Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Z130130\
Data File : Z2062.D
Acq On : 30 Jan 2013 8:03 pm
Operator : MAIT
Sample : C25941-8
Misc : OP7407,EZ105,30.02,,,1,1,S
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jan 31 15:08:11 2013
Quant Method : C:\msdchem\1\methods\EZ104_PAH.M
Quant Title : SVOC Method SW 8270C or EPA625
QLast Update : Thu Jan 31 15:04:04 2013
Response via : Initial Calibration
DataAcq Meth:ACQ_BNA.M



Quantitation Report (QT Reviewed)

Data File : C:\msdchem\1\DATA\Y130130\Y18815.D Vial: 10
Acq On : 30 Jan 2013 5:51 pm Operator: MAIT
Sample : C25941-9 Inst : Y
Misc : OP7407,EY883,30.02,,,1,10,S,pah Multiplr: 1.00
Quant Results File: EY880_Terpineol.RES
Quant Time: Jan 31 13:21:19 2013

Quant Method : C:\msdchem\1\METHODS\EY880_Terpineol.M
Quant Title : SVOC Method SW 8270C or EPA625
QLast Update : Thu Jan 31 13:10:40 2013
Response via : Initial Calibration
DataAcq Meth:ACQ_BNA.M

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.093	152	301645	40.00	ppm	# 0.00
25) Naphthalene-d8	7.724	136	1132016	40.00	ppm	# 0.00
43) Acenaphthene-d10	9.949	164	688429	40.00	ppm	# 0.00
73) Phenanthrene-d10	11.773	188	1089962	40.00	ppm	# 0.00
84) Chrysene-d12	16.518	240	738573	40.00	ppm	#-0.02
93) Perylene-d12	19.850	264	478419	40.00	ppm	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.526	112	54815	5.11	ppm	0.01
Spiked Amount 75.000	Range 10 - 100		Recovery =	6.81%#		
9) Phenol-d5	5.697	99	84216	5.79	ppm	0.00
Spiked Amount 75.000	Range 7 - 100		Recovery =	7.72%		
23) Nitrobenzene-d5	6.837	82	48120	3.44	ppm	0.00
Spiked Amount 50.000	Range 25 - 100		Recovery =	6.88%#		
47) 2-Fluorobiphenyl	9.104	172	98124	4.08	ppm	0.00
Spiked Amount 50.000	Range 20 - 100		Recovery =	8.16%#		
74) 2,4,6-Tribromophenol	10.939	330	11517	6.36	ppm	0.00
Spiked Amount 75.000	Range 25 - 115		Recovery =	8.48%#		
86) p-Terphenyl-d14	14.335	244	97602	5.32	ppm	-0.01
Spiked Amount 50.000	Range 35 - 130		Recovery =	10.64%#		

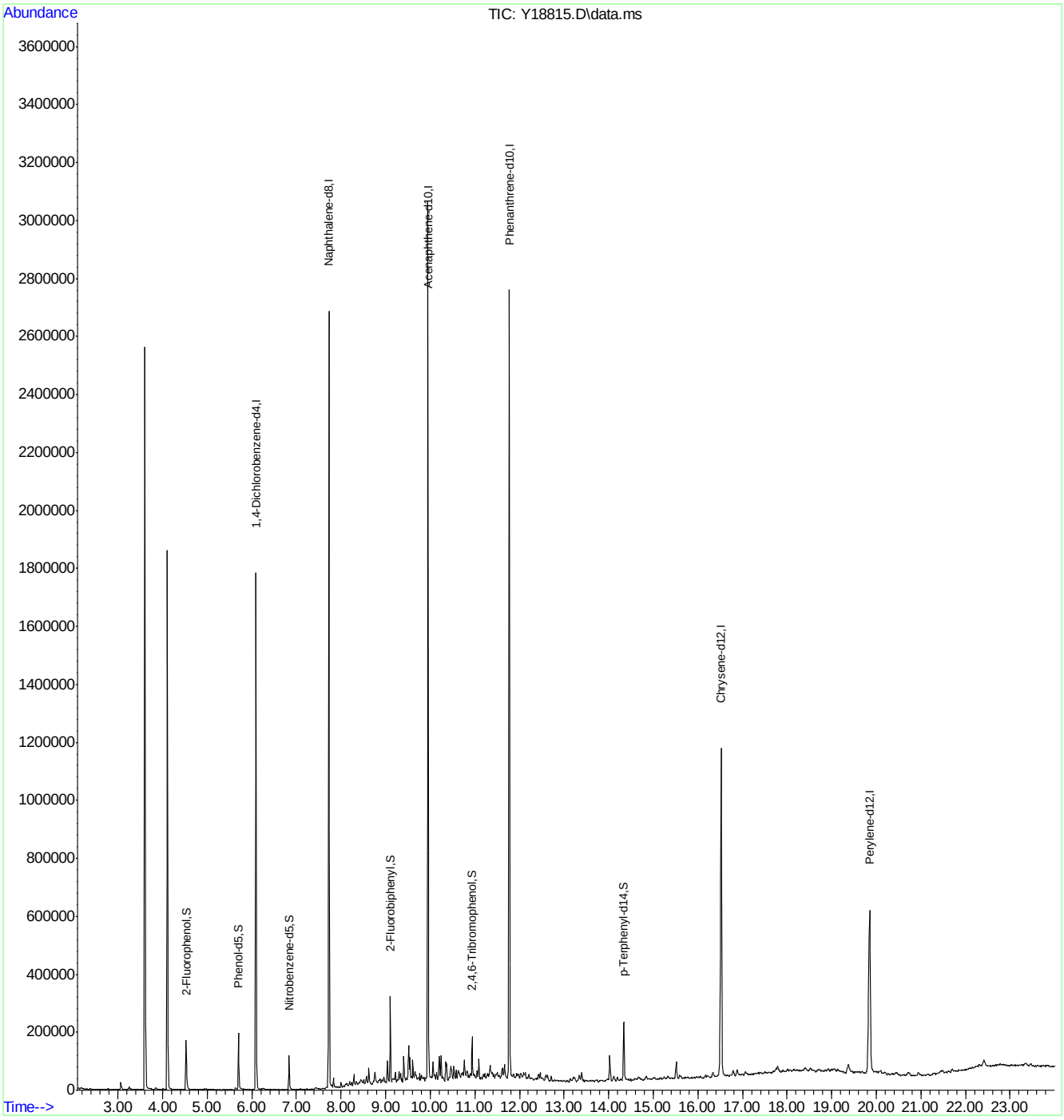
Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\msdchem\1\DATA\Y130130\Y18815.D Vial: 10
Acq On : 30 Jan 2013 5:51 pm Operator: MAIT
Sample : C25941-9 Inst : Y
Misc : OP7407,EY883,30.02,,,1,10,S,pah Multiplr: 1.00
Quant Results File: EY880_Terpineol.RES
Quant Time: Jan 31 13:21:19 2013

Quant Method : C:\msdchem\1\METHODS\EY880_Terpineol.M
Quant Title : SVOC Method SW 8270C or EPA625
QLast Update : Thu Jan 31 13:10:40 2013
Response via : Initial Calibration
DataAcq Meth:ACQ_BNA.M



Quantitation Report (QT Reviewed)

Data File : C:\msdchem\1\DATA\Y130130\Y18816.D Vial: 11
Acq On : 30 Jan 2013 6:23 pm Operator: MAIT
Sample : C25941-10 Inst : Y
Misc : OP7407,EY883,30.10,,,1,2,S,pah Multiplr: 1.00
Quant Results File: EY880_Terpineol.RES
Quant Time: Jan 31 13:34:42 2013

Quant Method : C:\msdchem\1\METHODS\EY880_Terpineol.M
Quant Title : SVOC Method SW 8270C or EPA625
QLast Update : Thu Jan 31 13:10:40 2013
Response via : Initial Calibration
DataAcq Meth:ACQ_BNA.M

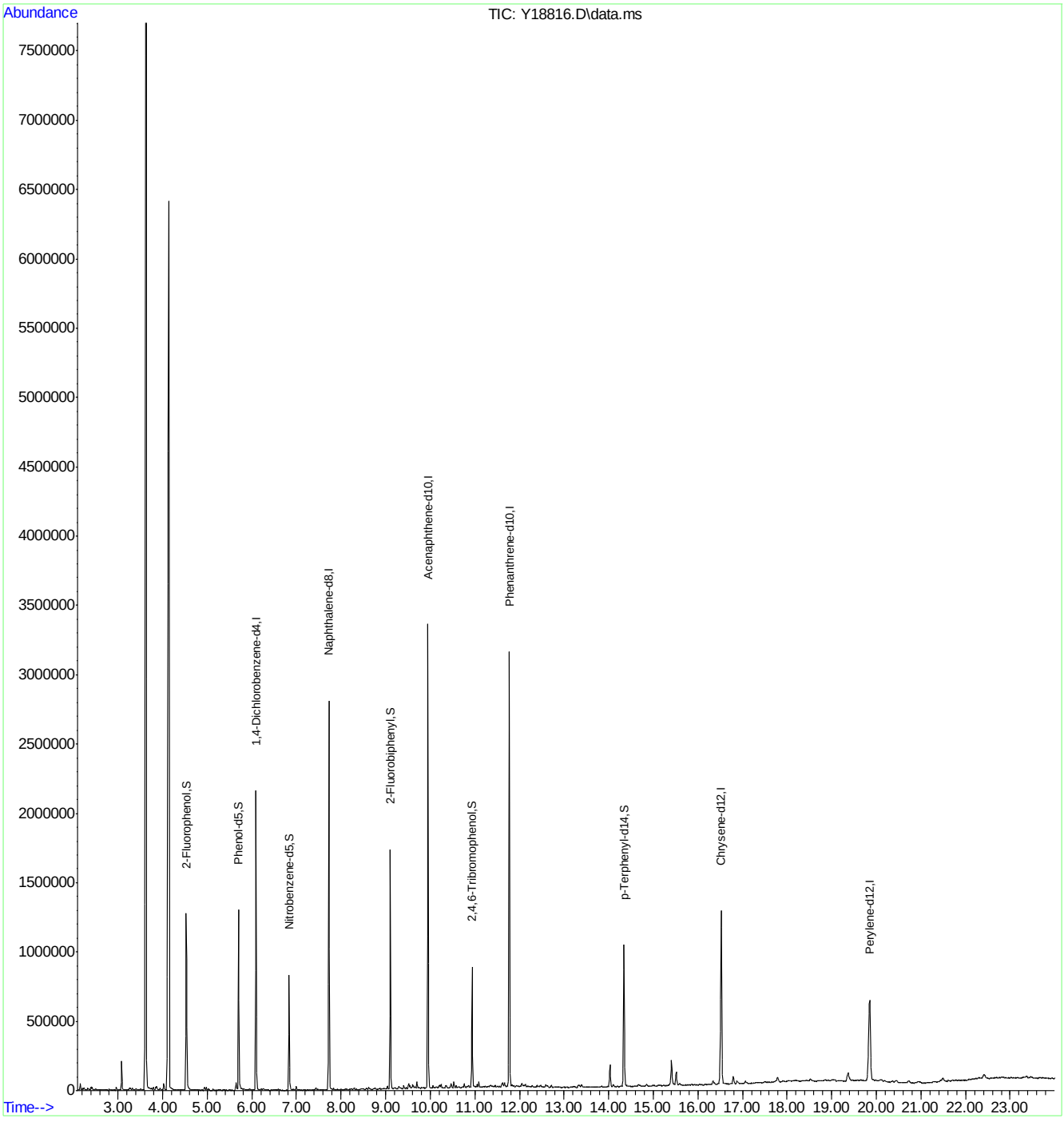
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.093	152	330367	40.00	ppm	# 0.00
25) Naphthalene-d8	7.724	136	1238784	40.00	ppm	# 0.00
43) Acenaphthene-d10	9.949	164	764791	40.00	ppm	# 0.00
73) Phenanthrene-d10	11.773	188	1214826	40.00	ppm	# 0.00
84) Chrysene-d12	16.523	240	834322	40.00	ppm	#-0.01
93) Perylene-d12	19.850	264	530673	40.00	ppm	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.531	112	357761	30.45	ppm	0.02
Spiked Amount 75.000	Range 10 - 100		Recovery = 40.60%			
9) Phenol-d5	5.697	99	519138	32.61	ppm	0.00
Spiked Amount 75.000	Range 7 - 100		Recovery = 43.48%			
23) Nitrobenzene-d5	6.837	82	311498	20.33	ppm	0.00
Spiked Amount 50.000	Range 25 - 100		Recovery = 40.66%			
47) 2-Fluorobiphenyl	9.104	172	564914	21.15	ppm	0.00
Spiked Amount 50.000	Range 20 - 100		Recovery = 42.30%			
74) 2,4,6-Tribromophenol	10.939	330	71409	35.39	ppm	0.00
Spiked Amount 75.000	Range 25 - 115		Recovery = 47.19%			
86) p-Terphenyl-d14	14.346	244	535323	25.81	ppm	0.00
Spiked Amount 50.000	Range 35 - 130		Recovery = 51.62%			
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\msdchem\1\DATA\Y130130\Y18816.D Vial: 11
Acq On : 30 Jan 2013 6:23 pm Operator: MAIT
Sample : C25941-10 Inst : Y
Misc : OP7407,EY883,30.10,,,1,2,S,pah Multiplr: 1.00
Quant Results File: EY880_Terpineol.RES
Quant Time: Jan 31 13:34:42 2013

Quant Method : C:\msdchem\1\METHODS\EY880_Terpineol.M
Quant Title : SVOC Method SW 8270C or EPA625
QLast Update : Thu Jan 31 13:10:40 2013
Response via : Initial Calibration
DataAcq Meth:ACQ_BNA.M



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Z130130\
Data File : Z2063.D
Acq On : 30 Jan 2013 8:39 pm
Operator : MAIT
Sample : C25941-11
Misc : OP7407,EZ105,30.03,,,1,1,S
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jan 31 15:08:44 2013
Quant Method : C:\msdchem\1\methods\EZ104_PAH.M
Quant Title : SVOC Method SW 8270C or EPA625
QLast Update : Thu Jan 31 15:04:04 2013
Response via : Initial Calibration
DataAcq Meth:ACQ_BNA.M

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.053	152	839079	40.00	ppm	# 0.00
6) Naphthalene-d8	8.688	136	3470918	40.00	ppm	#-0.01
10) Acenaphthene-d10	10.937	164	2112108	40.00	ppm	-0.01
15) Phenanthrene-d10	12.881	188	3886778	40.00	ppm	-0.01
20) Chrysene-d12	18.186	240	3473482	40.00	ppm	#-0.02
25) Perylene-d12	22.374	264	2415169	40.00	ppm	#-0.02
System Monitoring Compounds						
3) 2-Fluorophenol	5.482	112	1840541	62.41	ppm	0.01
Spiked Amount 75.000	Range 10 - 100		Recovery = 83.21%			
4) Phenol-d5	6.588	99	2520244	67.77	ppm	-0.01
Spiked Amount 75.000	Range 7 - 100		Recovery = 90.36%			
5) Nitrobenzene-d5	7.785	82	1544985	47.78	ppm	-0.01
Spiked Amount 50.000	Range 25 - 100		Recovery = 95.56%			
11) 2-Fluorobiphenyl	10.055	172	3234495	43.40	ppm	-0.01
Spiked Amount 50.000	Range 20 - 100		Recovery = 86.80%			
16) 2,4,6-Tribromophenol	11.936	330	737354	68.57	ppm	-0.01
Spiked Amount 75.000	Range 25 - 115		Recovery = 91.43%			
22) p-Terphenyl-d14	15.846	244	4799826	52.65	ppm	0.00
Spiked Amount 50.000	Range 35 - 130		Recovery = 105.30%			

Target Compounds	Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

8.1.11

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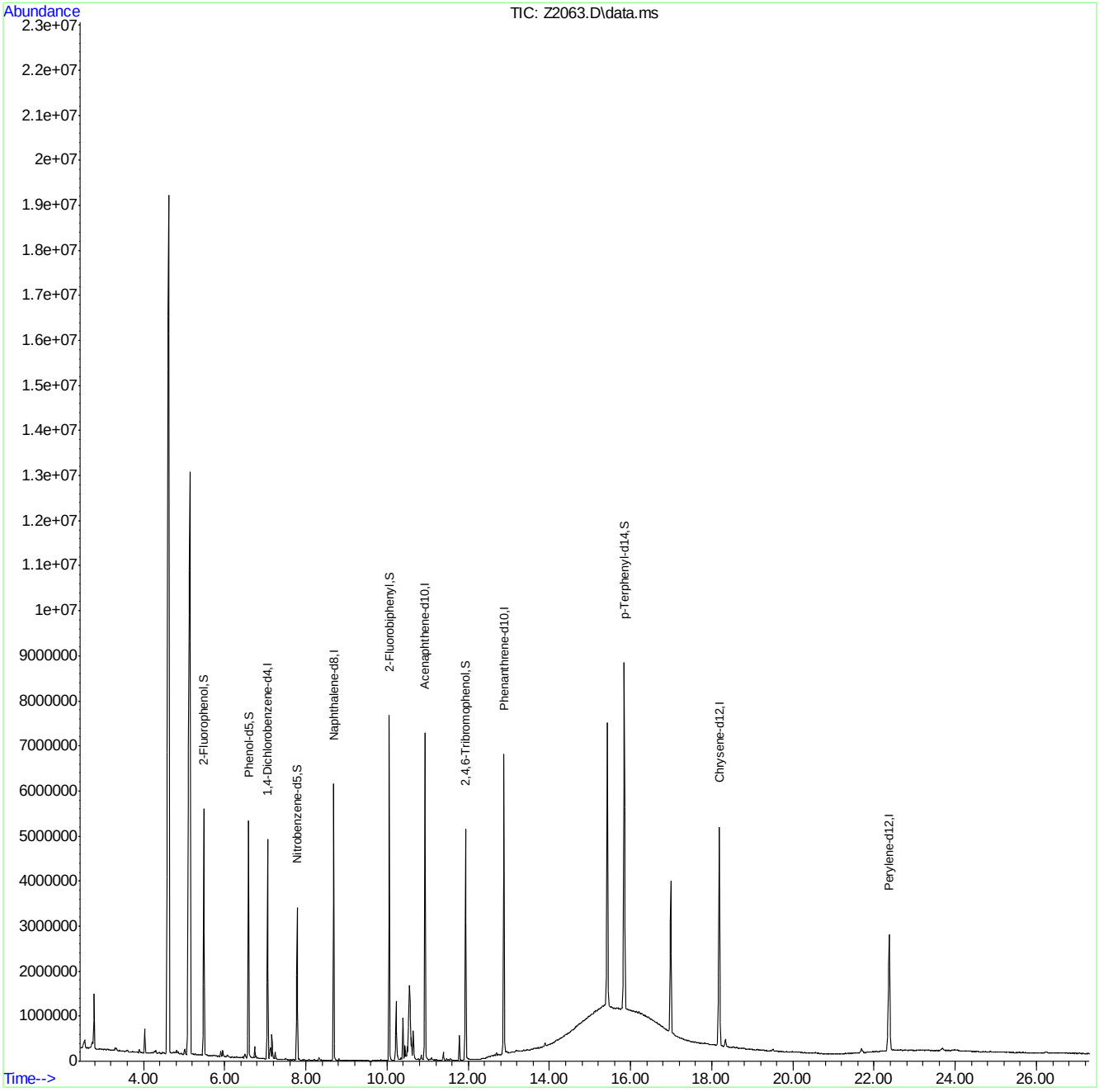
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Z130130\
Data File : Z2063.D
Acq On : 30 Jan 2013 8:39 pm
Operator : MAIT
Sample : C25941-11
Misc : OP7407,EZ105,30.03,,,1,1,S
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jan 31 15:08:44 2013
Quant Method : C:\msdchem\1\methods\EZ104_PAH.M
Quant Title : SVOC Method SW 8270C or EPA625
QLast Update : Thu Jan 31 15:04:04 2013
Response via : Initial Calibration
DataAcq Meth:ACQ_BNA.M



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Z130130\
Data File : Z2064.D
Acq On : 30 Jan 2013 9:14 pm
Operator : MAIT
Sample : C25941-12
Misc : OP7407,EZ105,30.12,,,1,1,S
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jan 31 15:11:12 2013
Quant Method : C:\msdchem\1\methods\EZ104_PAH.M
Quant Title : SVOC Method SW 8270C or EPA625
QLast Update : Thu Jan 31 15:04:04 2013
Response via : Initial Calibration
DataAcq Meth:ACQ_BNA.M

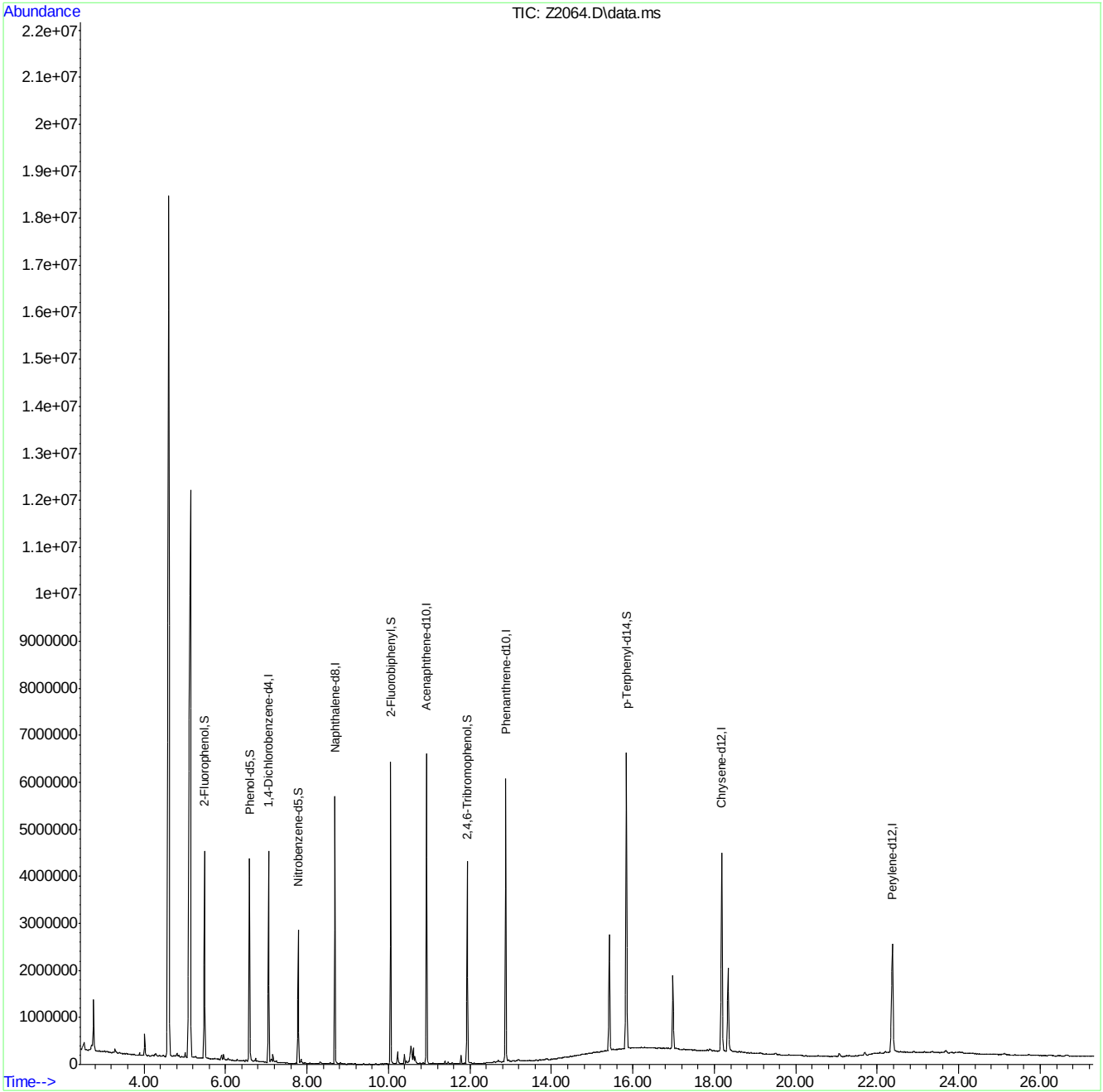
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.053	152	739388	40.00	ppm	# 0.00
6) Naphthalene-d8	8.688	136	3027227	40.00	ppm	#-0.01
10) Acenaphthene-d10	10.937	164	1862818	40.00	ppm	-0.01
15) Phenanthrene-d10	12.881	188	3394617	40.00	ppm	-0.01
20) Chrysene-d12	18.181	240	3028406	40.00	ppm	#-0.02
25) Perylene-d12	22.375	264	2246652	40.00	ppm	#-0.02
System Monitoring Compounds						
3) 2-Fluorophenol	5.482	112	1404110	54.03	ppm	0.01
Spiked Amount 75.000	Range 10 - 100		Recovery = 72.04%			
4) Phenol-d5	6.588	99	1932525	58.97	ppm	-0.01
Spiked Amount 75.000	Range 7 - 100		Recovery = 78.63%			
5) Nitrobenzene-d5	7.785	82	1154709	40.52	ppm	-0.01
Spiked Amount 50.000	Range 25 - 100		Recovery = 81.04%			
11) 2-Fluorobiphenyl	10.055	172	2454878	37.35	ppm	-0.01
Spiked Amount 50.000	Range 20 - 100		Recovery = 74.70%			
16) 2,4,6-Tribromophenol	11.936	330	572747	61.82	ppm	-0.01
Spiked Amount 75.000	Range 25 - 115		Recovery = 82.43%			
22) p-Terphenyl-d14	15.841	244	3861303	48.58	ppm	-0.01
Spiked Amount 50.000	Range 35 - 130		Recovery = 97.16%			
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Z130130\
Data File : Z2064.D
Acq On : 30 Jan 2013 9:14 pm
Operator : MAIT
Sample : C25941-12
Misc : OP7407,EZ105,30.12,,,1,1,S
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jan 31 15:11:12 2013
Quant Method : C:\msdchem\1\methods\EZ104_PAH.M
Quant Title : SVOC Method SW 8270C or EPA625
QLast Update : Thu Jan 31 15:04:04 2013
Response via : Initial Calibration
DataAcq Meth:ACQ_BNA.M



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Z130130\
Data File : Z2065.D
Acq On : 30 Jan 2013 9:50 pm
Operator : MAIT
Sample : C25941-13
Misc : OP7407,EZ105,30.07,,,1,1,S
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jan 31 15:11:46 2013
Quant Method : C:\msdchem\1\methods\EZ104_PAH.M
Quant Title : SVOC Method SW 8270C or EPA625
QLast Update : Thu Jan 31 15:04:04 2013
Response via : Initial Calibration
DataAcq Meth:ACQ_BNA.M

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.053	152	697967	40.00	ppm	# 0.00
6) Naphthalene-d8	8.688	136	2838273	40.00	ppm	#-0.01
10) Acenaphthene-d10	10.937	164	1765087	40.00	ppm	-0.01
15) Phenanthrene-d10	12.881	188	3209060	40.00	ppm	-0.01
20) Chrysene-d12	18.181	240	2821145	40.00	ppm	#-0.02
25) Perylene-d12	22.375	264	2134012	40.00	ppm	#-0.02
System Monitoring Compounds						
3) 2-Fluorophenol	5.482	112	1312781	53.51	ppm	0.01
Spiked Amount 75.000	Range 10 - 100		Recovery = 71.35%			
4) Phenol-d5	6.583	99	1798384	58.14	ppm	-0.02
Spiked Amount 75.000	Range 7 - 100		Recovery = 77.52%			
5) Nitrobenzene-d5	7.785	82	1072587	39.87	ppm	-0.01
Spiked Amount 50.000	Range 25 - 100		Recovery = 79.74%			
11) 2-Fluorobiphenyl	10.055	172	2294848	36.85	ppm	-0.01
Spiked Amount 50.000	Range 20 - 100		Recovery = 73.70%			
16) 2,4,6-Tribromophenol	11.930	330	543744	62.05	ppm	-0.02
Spiked Amount 75.000	Range 25 - 115		Recovery = 82.73%			
22) p-Terphenyl-d14	15.841	244	3541087	47.82	ppm	-0.01
Spiked Amount 50.000	Range 35 - 130		Recovery = 95.64%			
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

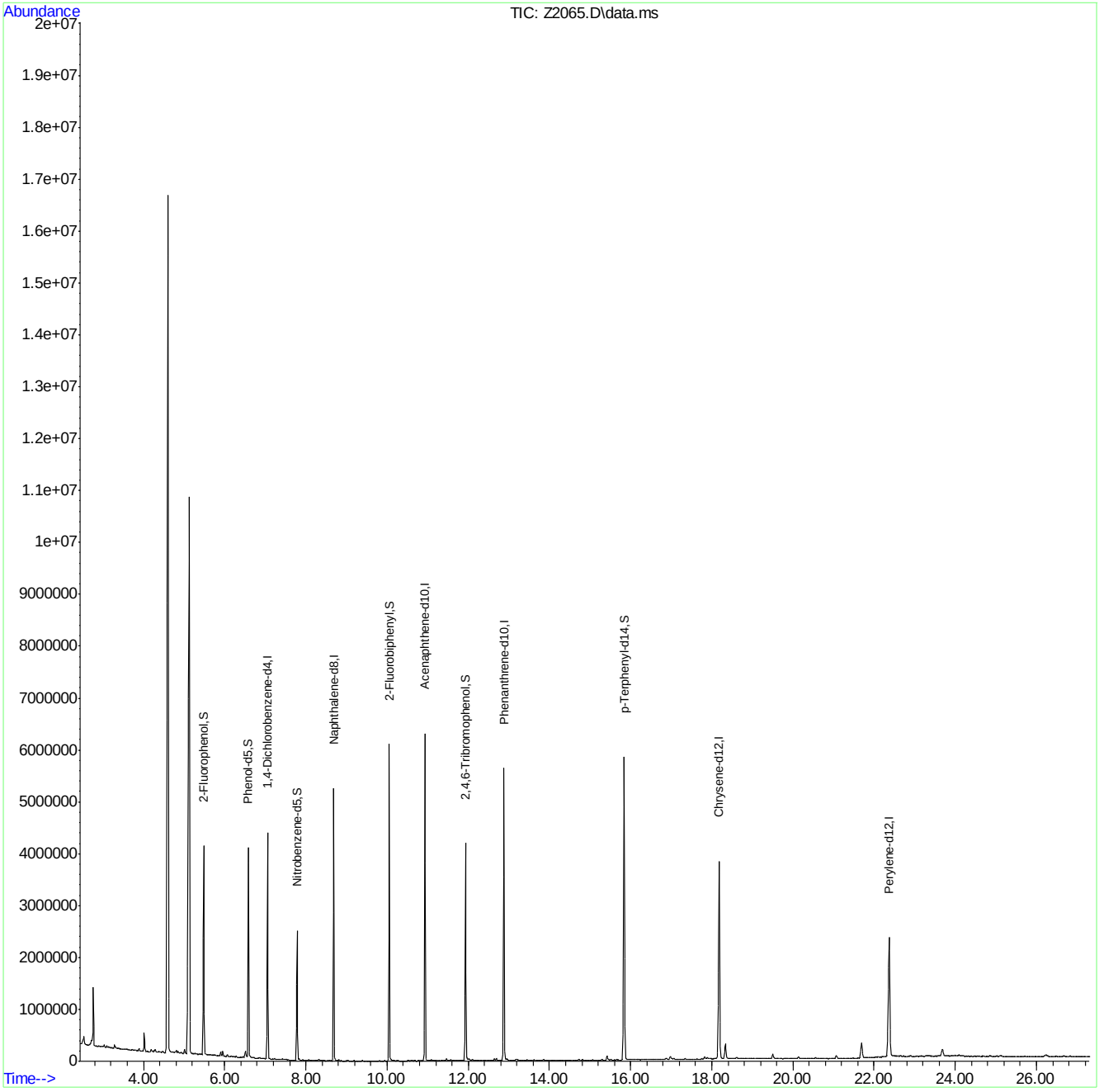
8.1.13

8

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Z130130\
Data File : Z2065.D
Acq On : 30 Jan 2013 9:50 pm
Operator : MAIT
Sample : C25941-13
Misc : OP7407,EZ105,30.07,,,1,1,S
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jan 31 15:11:46 2013
Quant Method : C:\msdchem\1\methods\EZ104_PAH.M
Quant Title : SVOC Method SW 8270C or EPA625
QLast Update : Thu Jan 31 15:04:04 2013
Response via : Initial Calibration
DataAcq Meth:ACQ_BNA.M



Quantitation Report (QT Reviewed)

Data File : C:\msdchem\1\DATA\Y130130\Y18827.D Vial: 22
Acq On : 31 Jan 2013 12:18 am Operator: MAIT
Sample : C25941-14 Inst : Y
Misc : OP7407,EY883,30.05,,,1,1,S,pah Multiplr: 1.00
Quant Results File: EY880_Terpineol.RES
Quant Time: Jan 31 13:52:36 2013

Quant Method : C:\msdchem\1\METHODS\EY880_Terpineol.M
Quant Title : SVOC Method SW 8270C or EPA625
QLast Update : Thu Jan 31 13:10:40 2013
Response via : Initial Calibration
DataAcq Meth:ACQ_BNA.M

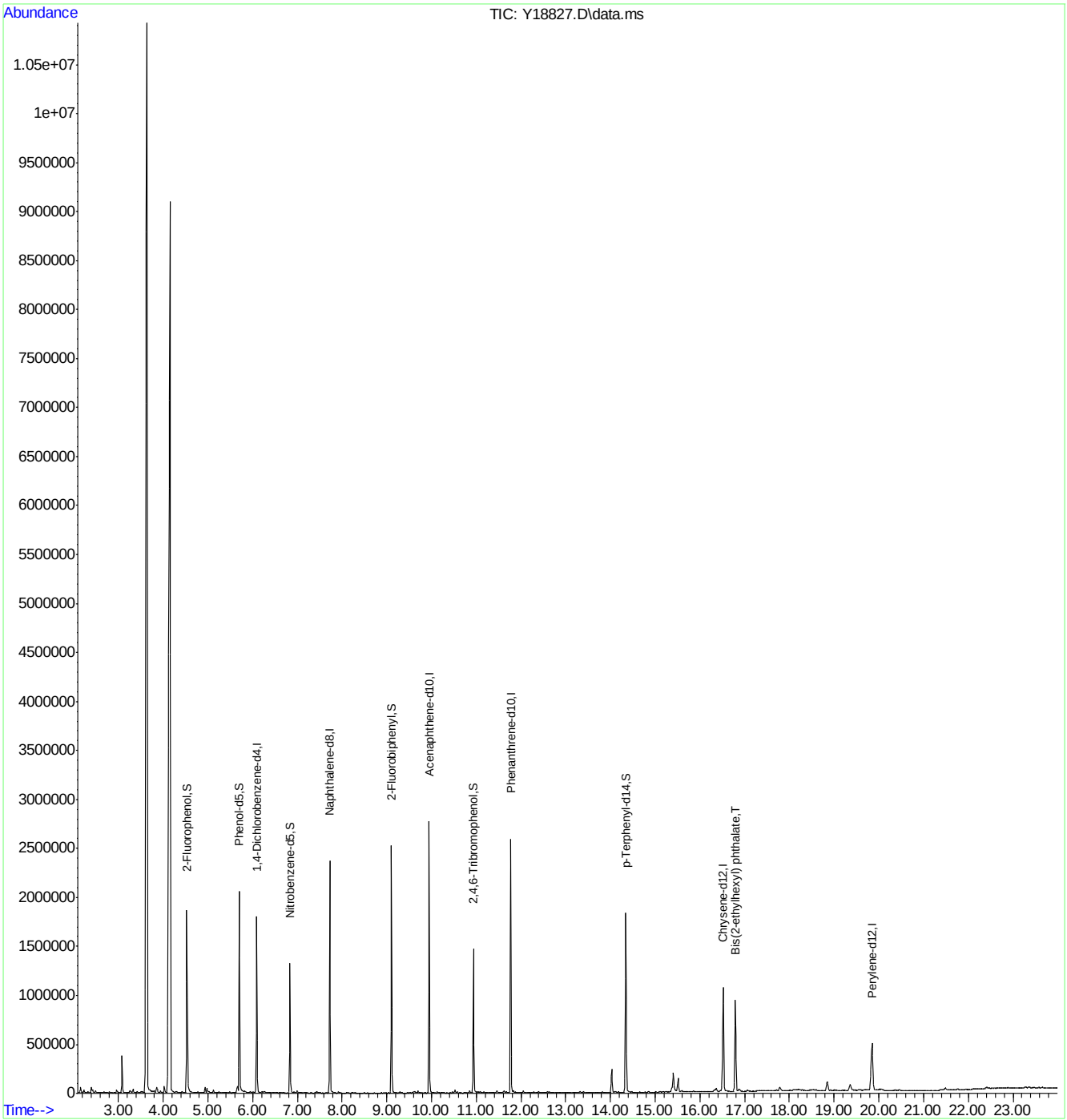
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.093	152	275953	40.00	ppm	# 0.00
25) Naphthalene-d8	7.724	136	1033469	40.00	ppm	# 0.00
43) Acenaphthene-d10	9.949	164	639969	40.00	ppm	# 0.00
73) Phenanthrene-d10	11.773	188	1021144	40.00	ppm	# 0.00
84) Chrysene-d12	16.523	240	684791	40.00	ppm	#-0.01
93) Perylene-d12	19.850	264	411420	40.00	ppm	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.537	112	552238	56.27	ppm	0.02
Spiked Amount 75.000	Range 10 - 100		Recovery = 75.03%			
9) Phenol-d5	5.703	99	799737	60.14	ppm	0.00
Spiked Amount 75.000	Range 7 - 100		Recovery = 80.19%			
23) Nitrobenzene-d5	6.836	82	469427	36.67	ppm	0.00
Spiked Amount 50.000	Range 25 - 100		Recovery = 73.34%			
47) 2-Fluorobiphenyl	9.104	172	871294	38.98	ppm	0.00
Spiked Amount 50.000	Range 20 - 100		Recovery = 77.96%			
74) 2,4,6-Tribromophenol	10.939	330	123689	72.92	ppm	0.00
Spiked Amount 75.000	Range 25 - 115		Recovery = 97.23%			
86) p-Terphenyl-d14	14.346	244	927470	54.48	ppm	0.00
Spiked Amount 50.000	Range 35 - 130		Recovery = 108.96%			
Target Compounds						Qvalue
92) Bis(2-ethylhexyl) phth...	16.796	149	398771	21.80	ppm	# 78

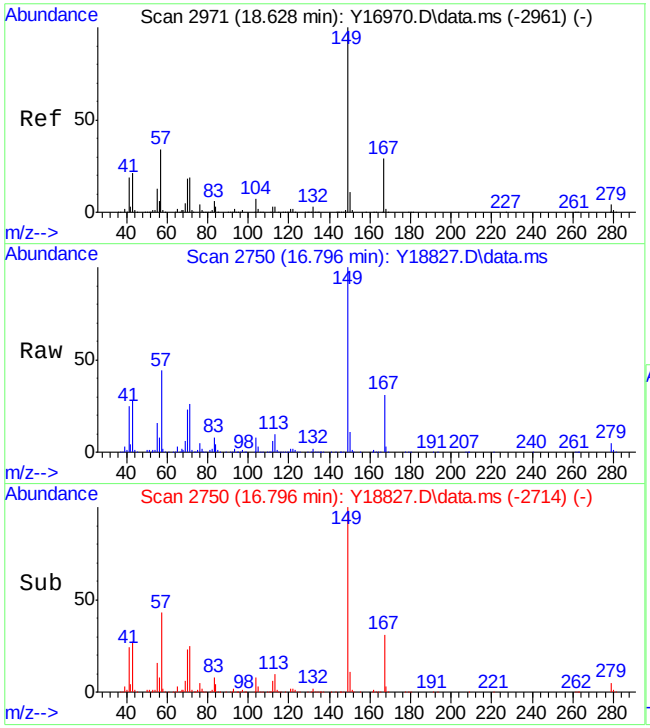
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\msdchem\1\DATA\Y130130\Y18827.D Vial: 22
Acq On : 31 Jan 2013 12:18 am Operator: MAIT
Sample : C25941-14 Inst : Y
Misc : OP7407,EY883,30.05,,,1,1,S,pah Multiplr: 1.00
Quant Results File: EY880_Terpineol.RES
Quant Time: Jan 31 13:52:36 2013

Quant Method : C:\msdchem\1\METHODS\EY880_Terpineol.M
Quant Title : SVOC Method SW 8270C or EPA625
QLast Update : Thu Jan 31 13:10:40 2013
Response via : Initial Calibration
DataAcq Meth:ACQ_BNA.M

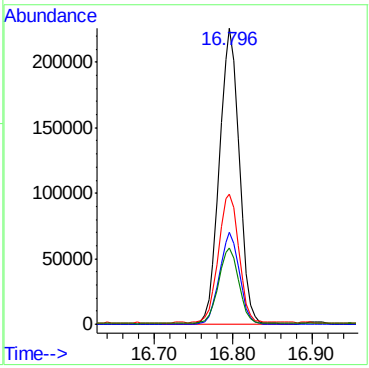




#92
Bis(2-ethylhexyl) phthalate
Concen: 21.80 ppm
RT: 16.796 min Scan# 2750
Delta R.T. -0.005 min
Lab File: Y18827.D
Acq: 31 Jan 2013 12:18 am

Tgt Ion:149 Resp: 398771

Ion	Ratio	Lower	Upper
149	100		
167	30.8	19.3	35.8
57	44.4	18.8	34.8#
71	25.6	9.7	18.1#



Quantitation Report (QT Reviewed)

Data File : C:\msdchem\1\DATA\Y130130\Y18821.D Vial: 16
Acq On : 30 Jan 2013 9:04 pm Operator: MAIT
Sample : C25941-15 Inst : Y
Misc : OP7411,EY883,30.07,,,1,1,S,pah Multiplr: 1.00
Quant Results File: EY880_Terpineol.RES
Quant Time: Jan 31 13:44:13 2013

Quant Method : C:\msdchem\1\METHODS\EY880_Terpineol.M
Quant Title : SVOC Method SW 8270C or EPA625
QLast Update : Thu Jan 31 13:10:40 2013
Response via : Initial Calibration
DataAcq Meth:ACQ_BNA.M

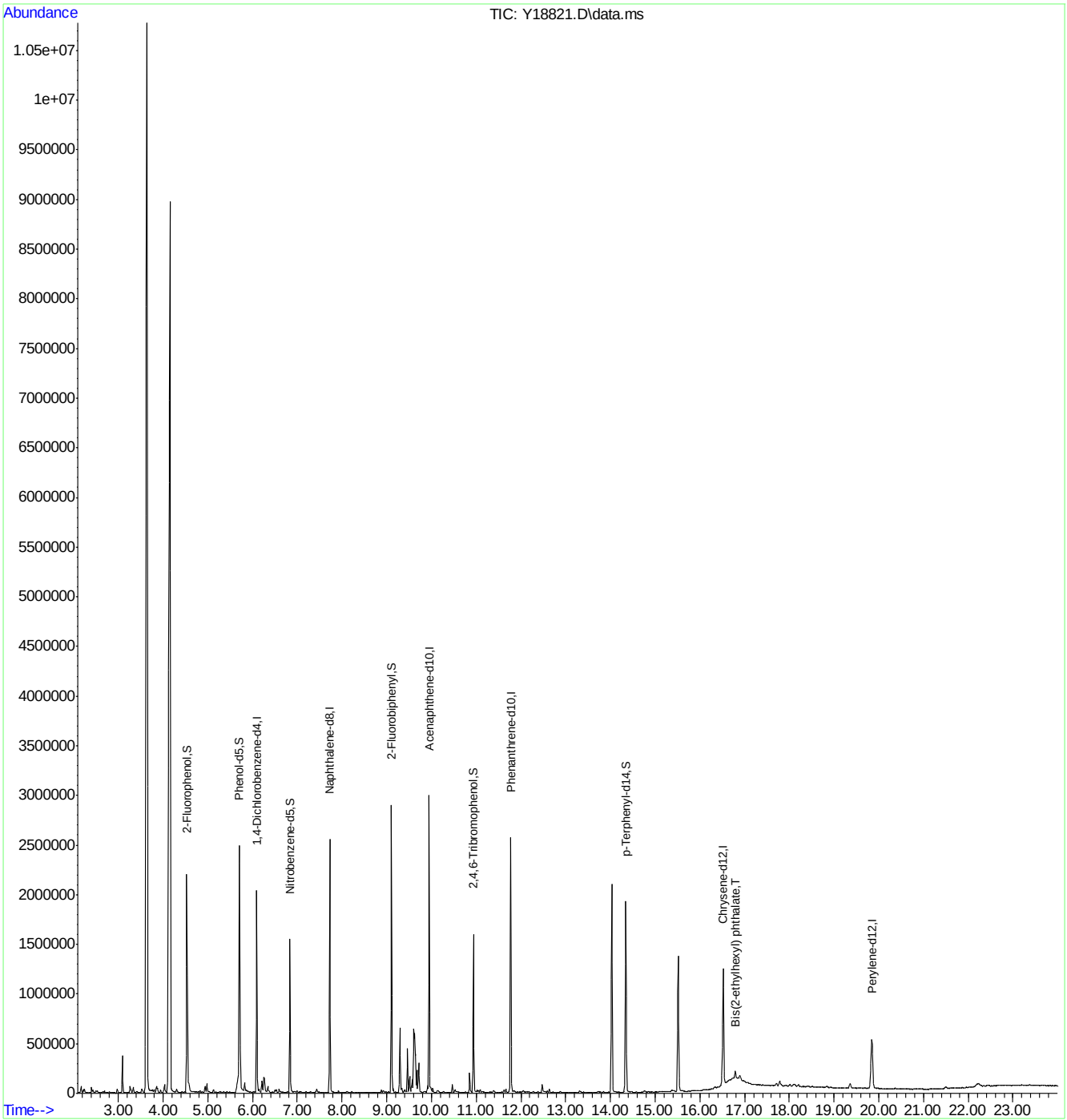
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.093	152	303877	40.00	ppm	# 0.00
25) Naphthalene-d8	7.724	136	1131759	40.00	ppm	# 0.00
43) Acenaphthene-d10	9.949	164	703858	40.00	ppm	# 0.00
73) Phenanthrene-d10	11.773	188	1111152	40.00	ppm	# 0.00
84) Chrysene-d12	16.523	240	747995	40.00	ppm	#-0.01
93) Perylene-d12	19.844	264	450671	40.00	ppm	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.537	112	653163	60.44	ppm	0.02
Spiked Amount 75.000	Range 10 - 100		Recovery = 80.59%			
9) Phenol-d5	5.703	99	923724	63.08	ppm	0.00
Spiked Amount 75.000	Range 7 - 100		Recovery = 84.11%			
23) Nitrobenzene-d5	6.837	82	558317	39.61	ppm	0.00
Spiked Amount 50.000	Range 25 - 100		Recovery = 79.22%			
47) 2-Fluorobiphenyl	9.104	172	1010513	41.11	ppm	0.00
Spiked Amount 50.000	Range 20 - 100		Recovery = 82.22%			
74) 2,4,6-Tribromophenol	10.939	330	133657	72.42	ppm	0.00
Spiked Amount 75.000	Range 25 - 115		Recovery = 96.56%			
86) p-Terphenyl-d14	14.346	244	992403	53.37	ppm	0.00
Spiked Amount 50.000	Range 35 - 130		Recovery = 106.74%			
Target Compounds						Qvalue
92) Bis(2-ethylhexyl) phth...	16.796	149	28350	1.42	ppm	# 9

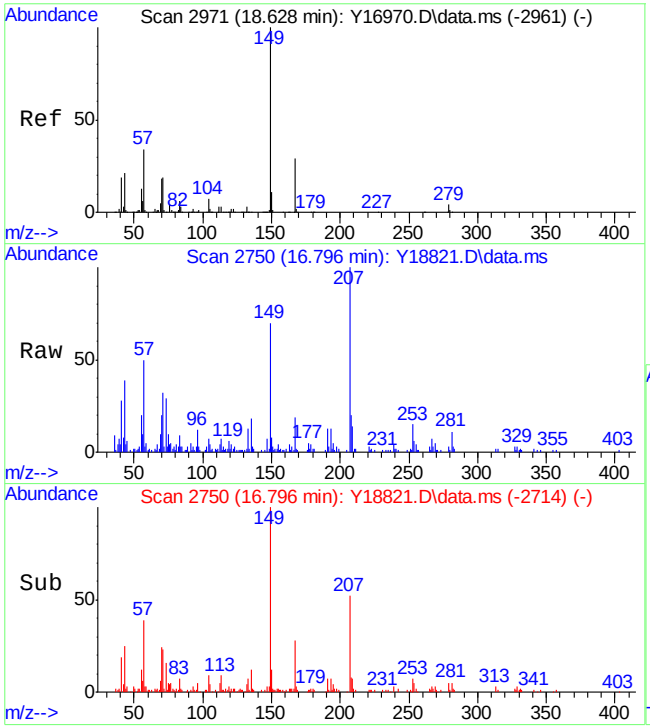
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\msdchem\1\DATA\Y130130\Y18821.D Vial: 16
Acq On : 30 Jan 2013 9:04 pm Operator: MAIT
Sample : C25941-15 Inst : Y
Misc : OP7411,EY883,30.07,,,1,1,S,pah Multiplr: 1.00
Quant Results File: EY880_Terpineol.RES
Quant Time: Jan 31 13:44:13 2013

Quant Method : C:\msdchem\1\METHODS\EY880_Terpineol.M
Quant Title : SVOC Method SW 8270C or EPA625
QLast Update : Thu Jan 31 13:10:40 2013
Response via : Initial Calibration
DataAcq Meth:ACQ_BNA.M

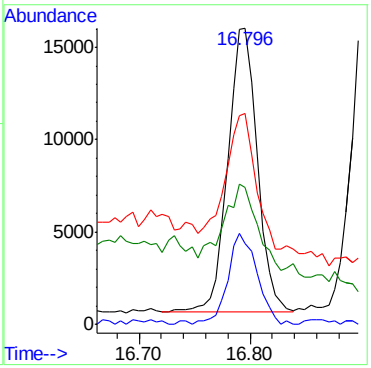




#92
Bis(2-ethylhexyl) phthalate
Concen: 1.42 ppm
RT: 16.796 min Scan# 2750
Delta R.T. -0.005 min
Lab File: Y18821.D
Acq: 30 Jan 2013 9:04 pm

Tgt Ion:149 Resp: 28350

Ion	Ratio	Lower	Upper
149	100		
167	31.9	19.3	35.8
57	105.8	18.8	34.8#
71	67.8	9.7	18.1#



8.1.15

8

Quantitation Report (QT Reviewed)

Data File : C:\msdchem\1\DATA\Y130130\Y18810.D Vial: 5
Acq On : 30 Jan 2013 3:11 pm Operator: MAIT
Sample : C25941-16 Inst : Y
Misc : OP7411,EY883,30.18,,,1,1,S Multiplr: 1.00
Quant Results File: EY880_Terpineol.RES
Quant Time: Jan 31 13:12:32 2013

Quant Method : C:\msdchem\1\METHODS\EY880_Terpineol.M
Quant Title : SVOC Method SW 8270C or EPA625
QLast Update : Thu Jan 31 13:10:40 2013
Response via : Initial Calibration
DataAcq Meth:ACQ_BNA.M

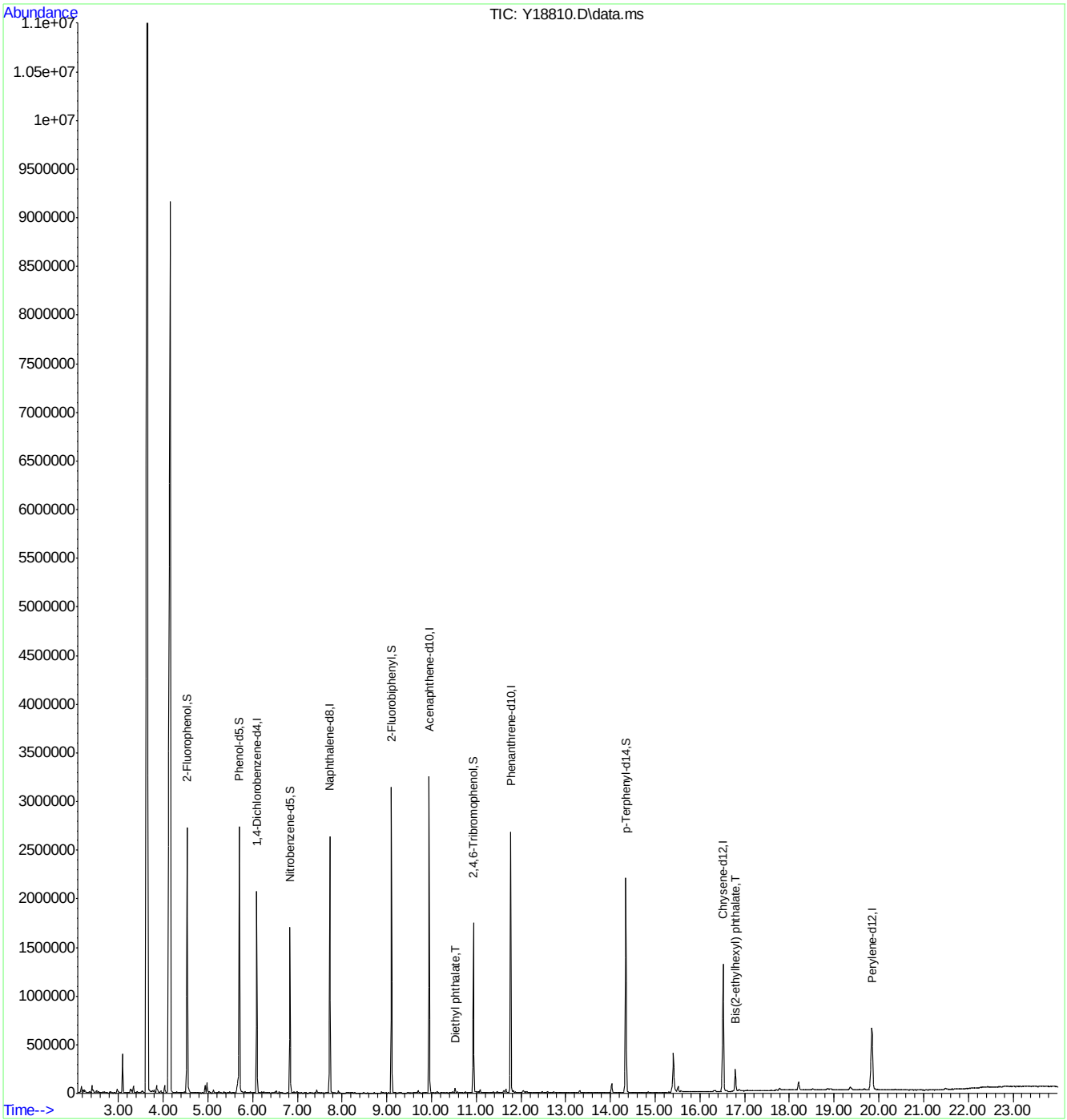
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.093	152	316393	40.00	ppm	# 0.00
25) Naphthalene-d8	7.724	136	1185424	40.00	ppm	# 0.00
43) Acenaphthene-d10	9.949	164	719948	40.00	ppm	# 0.00
73) Phenanthrene-d10	11.773	188	1147983	40.00	ppm	# 0.00
84) Chrysene-d12	16.517	240	807502	40.00	ppm	#-0.02
93) Perylene-d12	19.844	264	546833	40.00	ppm	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.537	112	712178	63.29	ppm	0.02
Spiked Amount 75.000	Range 10 - 100		Recovery = 84.39%			
9) Phenol-d5	5.703	99	1012623	66.41	ppm	0.00
Spiked Amount 75.000	Range 7 - 100		Recovery = 88.55%			
23) Nitrobenzene-d5	6.836	82	598058	40.75	ppm	0.00
Spiked Amount 50.000	Range 25 - 100		Recovery = 81.50%			
47) 2-Fluorobiphenyl	9.104	172	1063846	42.31	ppm	0.00
Spiked Amount 50.000	Range 20 - 100		Recovery = 84.62%			
74) 2,4,6-Tribromophenol	10.939	330	140705	73.79	ppm	0.00
Spiked Amount 75.000	Range 25 - 115		Recovery = 98.39%			
86) p-Terphenyl-d14	14.346	244	1108120	55.20	ppm	0.00
Spiked Amount 50.000	Range 35 - 130		Recovery = 110.40%			
Target Compounds						Qvalue
66) Diethyl phthalate	10.527	149	26630	1.05	ppm	95
92) Bis(2-ethylhexyl) phth...	16.796	149	91646	4.25	ppm #	77

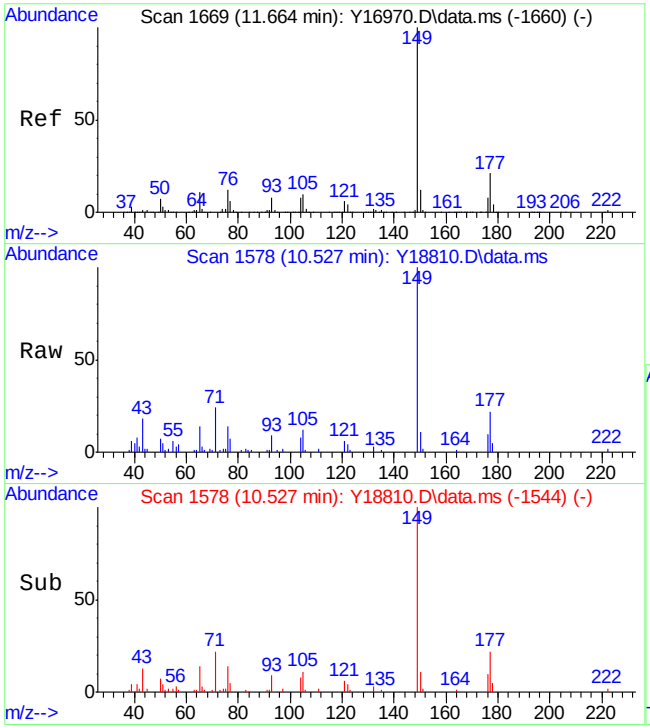
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\msdchem\1\DATA\Y130130\Y18810.D Vial: 5
Acq On : 30 Jan 2013 3:11 pm Operator: MAIT
Sample : C25941-16 Inst : Y
Misc : OP7411,EY883,30.18,,,1,1,S Multiplr: 1.00
Quant Results File: EY880_Terpineol.RES
Quant Time: Jan 31 13:12:32 2013

Quant Method : C:\msdchem\1\METHODS\EY880_Terpineol.M
Quant Title : SVOC Method SW 8270C or EPA625
QLast Update : Thu Jan 31 13:10:40 2013
Response via : Initial Calibration
DataAcq Meth:ACQ_BNA.M

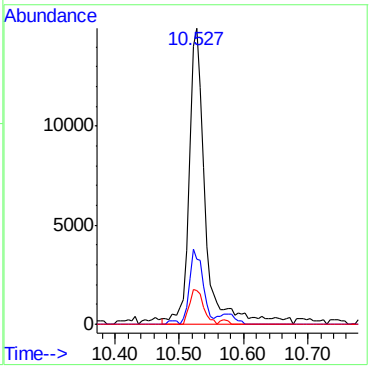


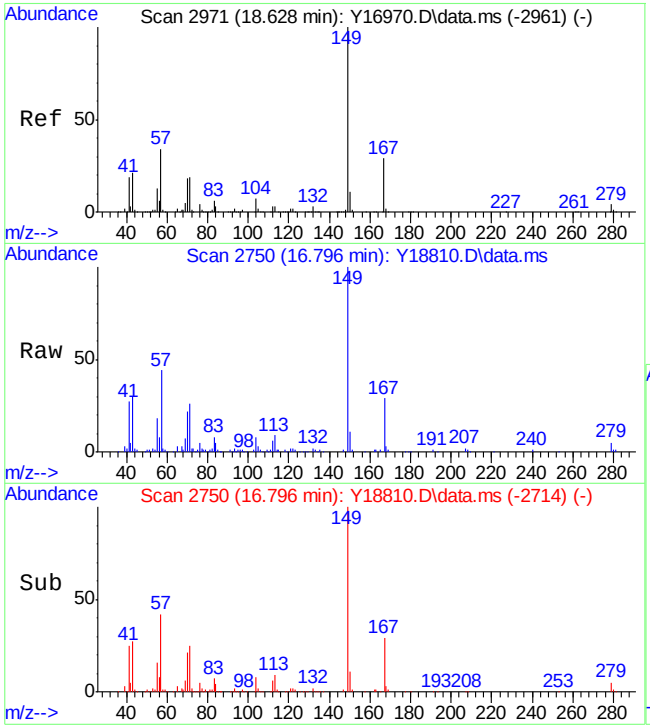


#66
Diethyl phthalate
Concen: 1.05 ppm
RT: 10.527 min Scan# 1578
Delta R.T. -0.016 min
Lab File: Y18810.D
Acq: 30 Jan 2013 3:11 pm

Tgt Ion:149 Resp: 26630

Ion	Ratio	Lower	Upper
149	100		
177	21.0	13.4	25.0
150	10.1	8.6	16.0

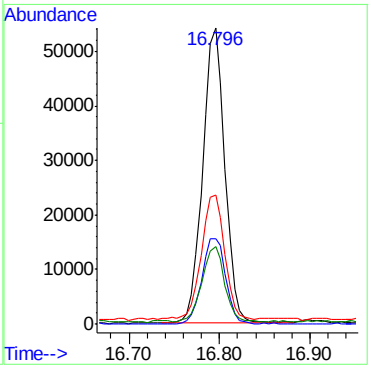




#92
Bis(2-ethylhexyl) phthalate
Concen: 4.25 ppm
RT: 16.796 min Scan# 2750
Delta R.T. -0.005 min
Lab File: Y18810.D
Acq: 30 Jan 2013 3:11 pm

Tgt Ion:149 Resp: 91646

Ion	Ratio	Lower	Upper
149	100		
167	31.1	19.3	35.8
57	45.4	18.8	34.8#
71	26.1	9.7	18.1#



Quantitation Report (QT Reviewed)

Data File : C:\msdchem\1\DATA\Y130130\Y18817.D Vial: 12
Acq On : 30 Jan 2013 6:55 pm Operator: MAIT
Sample : C25941-17 Inst : Y
Misc : OP7411,EY883,30.02,,,1,10,S,pah Multiplr: 1.00
Quant Results File: EY880_Terpineol.RES
Quant Time: Jan 31 13:36:04 2013

Quant Method : C:\msdchem\1\METHODS\EY880_Terpineol.M
Quant Title : SVOC Method SW 8270C or EPA625
QLast Update : Thu Jan 31 13:10:40 2013
Response via : Initial Calibration
DataAcq Meth:ACQ_BNA.M

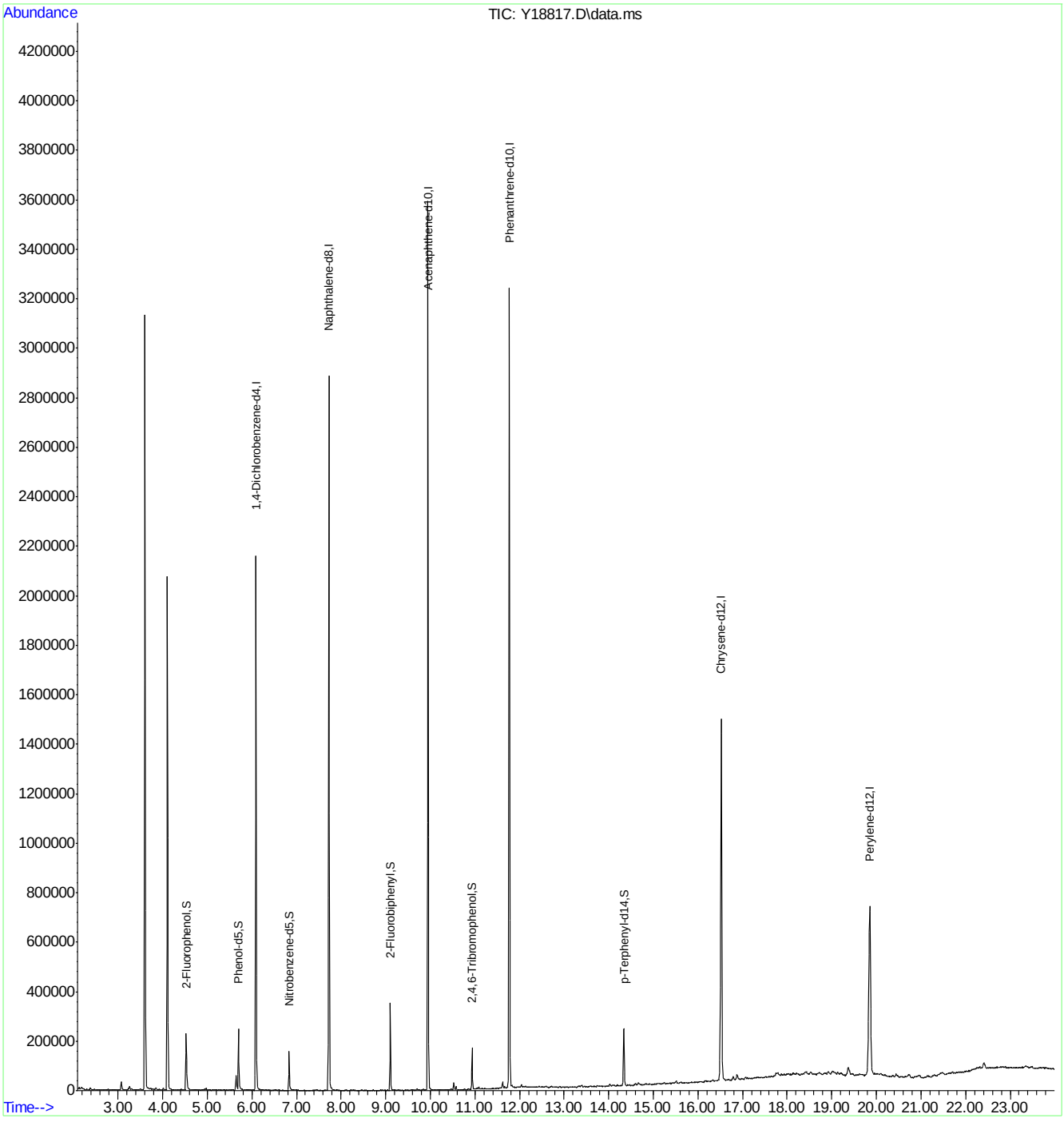
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.093	152	349851	40.00	ppm	# 0.00
25) Naphthalene-d8	7.724	136	1324219	40.00	ppm	# 0.00
43) Acenaphthene-d10	9.949	164	822592	40.00	ppm	# 0.00
73) Phenanthrene-d10	11.773	188	1313071	40.00	ppm	# 0.00
84) Chrysene-d12	16.523	240	939289	40.00	ppm	#-0.01
93) Perylene-d12	19.855	264	617737	40.00	ppm	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.526	112	69870	5.62	ppm	0.01
Spiked Amount 75.000	Range 10 - 100		Recovery =	7.49%#		
9) Phenol-d5	5.697	99	103925	6.16	ppm	0.00
Spiked Amount 75.000	Range 7 - 100		Recovery =	8.21%		
23) Nitrobenzene-d5	6.837	82	62077	3.83	ppm	0.00
Spiked Amount 50.000	Range 25 - 100		Recovery =	7.66%#		
47) 2-Fluorobiphenyl	9.104	172	119333	4.15	ppm	0.00
Spiked Amount 50.000	Range 20 - 100		Recovery =	8.30%#		
74) 2,4,6-Tribromophenol	10.939	330	13622	6.25	ppm	0.00
Spiked Amount 75.000	Range 25 - 115		Recovery =	8.33%#		
86) p-Terphenyl-d14	14.341	244	115479	4.95	ppm	0.00
Spiked Amount 50.000	Range 35 - 130		Recovery =	9.90%#		
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\msdchem\1\DATA\Y130130\Y18817.D Vial: 12
Acq On : 30 Jan 2013 6:55 pm Operator: MAIT
Sample : C25941-17 Inst : Y
Misc : OP7411,EY883,30.02,,,1,10,S,pah Multiplr: 1.00
Quant Results File: EY880_Terpineol.RES
Quant Time: Jan 31 13:36:04 2013

Quant Method : C:\msdchem\1\METHODS\EY880_Terpineol.M
Quant Title : SVOC Method SW 8270C or EPA625
QLast Update : Thu Jan 31 13:10:40 2013
Response via : Initial Calibration
DataAcq Meth:ACQ_BNA.M



Quantitation Report (QT Reviewed)

Data File : C:\msdchem\1\DATA\Y130130\Y18811.D Vial: 6
Acq On : 30 Jan 2013 3:43 pm Operator: MAIT
Sample : C25941-18 Inst : Y
Misc : OP7411,EY883,30.08,,,1,1,S Multiplr: 1.00
Quant Results File: EY880_Terpineol.RES
Quant Time: Jan 31 13:14:16 2013

Quant Method : C:\msdchem\1\METHODS\EY880_Terpineol.M
Quant Title : SVOC Method SW 8270C or EPA625
QLast Update : Thu Jan 31 13:10:40 2013
Response via : Initial Calibration
DataAcq Meth:ACQ_BNA.M

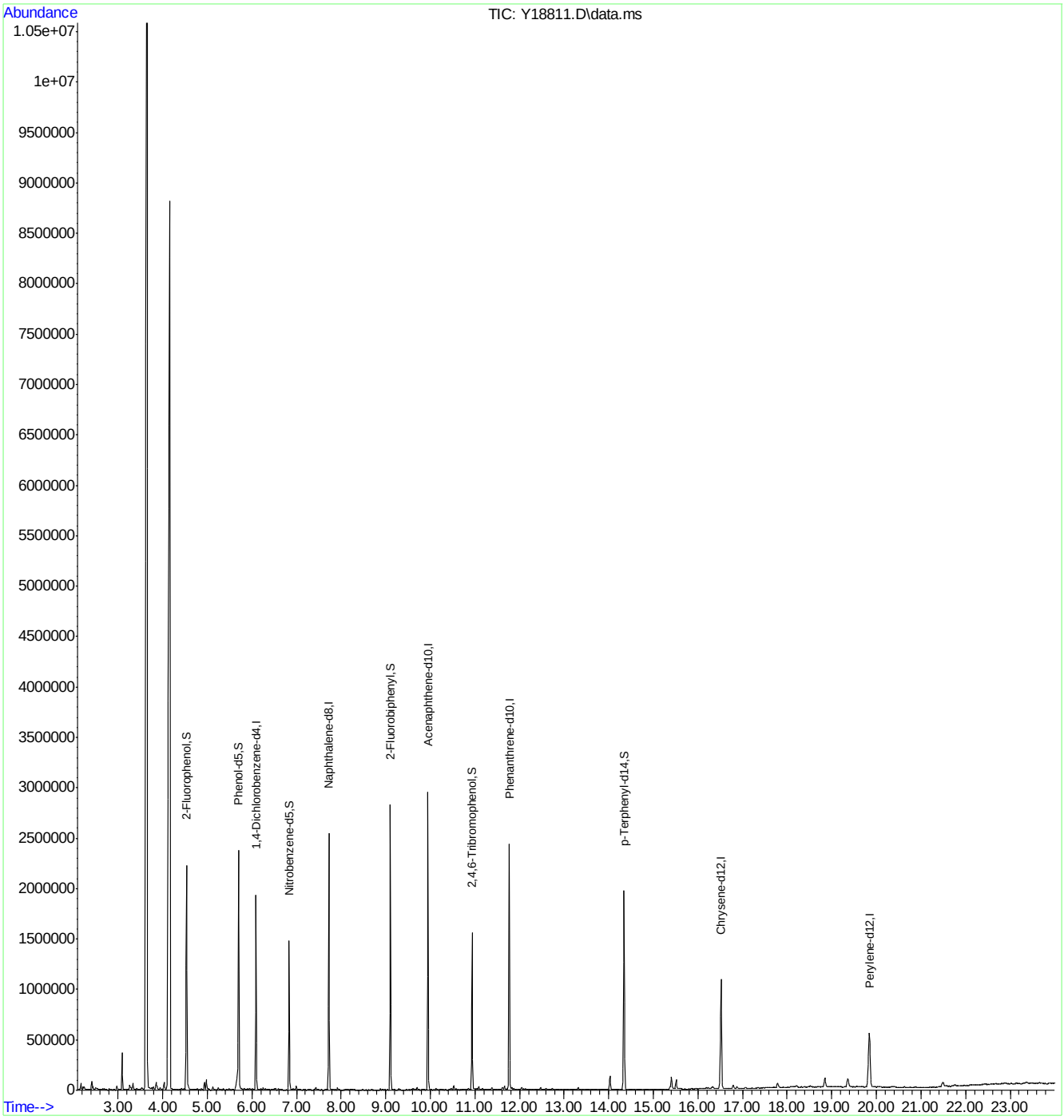
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.093	152	293838	40.00	ppm	# 0.00
25) Naphthalene-d8	7.724	136	1089099	40.00	ppm	# 0.00
43) Acenaphthene-d10	9.949	164	669144	40.00	ppm	# 0.00
73) Phenanthrene-d10	11.773	188	1050620	40.00	ppm	# 0.00
84) Chrysene-d12	16.517	240	705423	40.00	ppm	#-0.02
93) Perylene-d12	19.844	264	479159	40.00	ppm	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.536	112	624122	59.72	ppm	0.02
Spiked Amount 75.000	Range 10 - 100		Recovery = 79.63%			
9) Phenol-d5	5.702	99	885565	62.54	ppm	0.00
Spiked Amount 75.000	Range 7 - 100		Recovery = 83.39%			
23) Nitrobenzene-d5	6.836	82	526198	38.60	ppm	0.00
Spiked Amount 50.000	Range 25 - 100		Recovery = 77.20%			
47) 2-Fluorobiphenyl	9.104	172	948377	40.58	ppm	0.00
Spiked Amount 50.000	Range 20 - 100		Recovery = 81.16%			
74) 2,4,6-Tribromophenol	10.939	330	128719	73.76	ppm	0.00
Spiked Amount 75.000	Range 25 - 115		Recovery = 98.35%			
86) p-Terphenyl-d14	14.346	244	974309	55.56	ppm	0.00
Spiked Amount 50.000	Range 35 - 130		Recovery = 111.12%			
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\msdchem\1\DATA\Y130130\Y18811.D Vial: 6
Acq On : 30 Jan 2013 3:43 pm Operator: MAIT
Sample : C25941-18 Inst : Y
Misc : OP7411,EY883,30.08,,,1,1,S Multiplr: 1.00
Quant Results File: EY880_Terpineol.RES
Quant Time: Jan 31 13:14:16 2013

Quant Method : C:\msdchem\1\METHODS\EY880_Terpineol.M
Quant Title : SVOC Method SW 8270C or EPA625
QLast Update : Thu Jan 31 13:10:40 2013
Response via : Initial Calibration
DataAcq Meth:ACQ_BNA.M



Quantitation Report (QT Reviewed)

Data File : C:\msdchem\1\DATA\Y130130\Y18812.D Vial: 7
Acq On : 30 Jan 2013 4:15 pm Operator: MAIT
Sample : C25941-19 Inst : Y
Misc : OP7411,EY883,30.00,,,1,1,S,pah Multiplr: 1.00
Quant Results File: EY880_Terpineol.RES
Quant Time: Jan 31 13:15:42 2013

Quant Method : C:\msdchem\1\METHODS\EY880_Terpineol.M
Quant Title : SVOC Method SW 8270C or EPA625
QLast Update : Thu Jan 31 13:10:40 2013
Response via : Initial Calibration
DataAcq Meth:ACQ_BNA.M

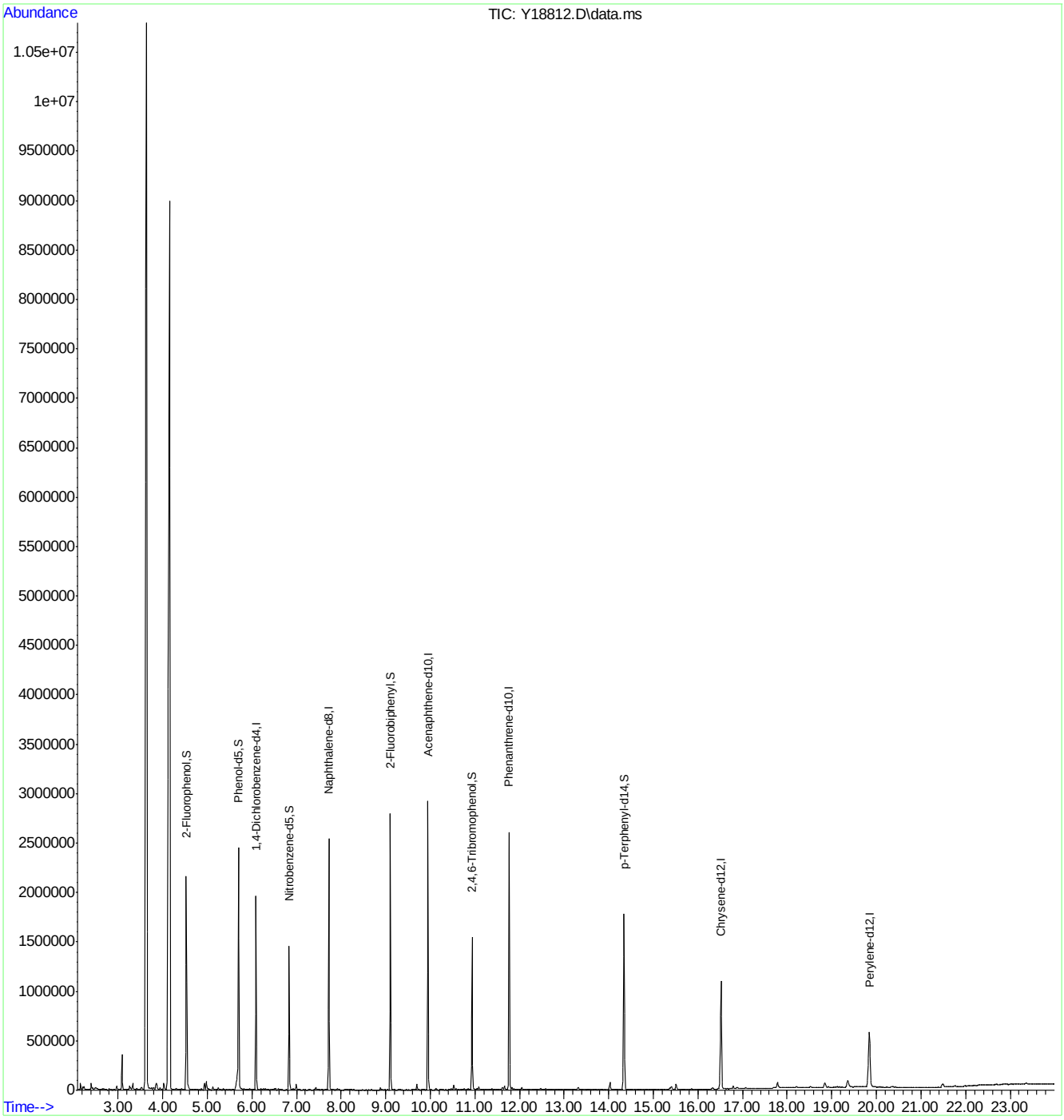
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.093	152	291778	40.00	ppm	# 0.00
25) Naphthalene-d8	7.724	136	1095008	40.00	ppm	# 0.00
43) Acenaphthene-d10	9.949	164	668641	40.00	ppm	# 0.00
73) Phenanthrene-d10	11.768	188	1056605	40.00	ppm	# 0.00
84) Chrysene-d12	16.517	240	701005	40.00	ppm	#-0.02
93) Perylene-d12	19.844	264	479256	40.00	ppm	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.537	112	603822	58.19	ppm	0.02
Spiked Amount 75.000	Range 10 - 100		Recovery = 77.59%			
9) Phenol-d5	5.703	99	844313	60.05	ppm	0.00
Spiked Amount 75.000	Range 7 - 100		Recovery = 80.07%			
23) Nitrobenzene-d5	6.836	82	507248	37.48	ppm	0.00
Spiked Amount 50.000	Range 25 - 100		Recovery = 74.96%			
47) 2-Fluorobiphenyl	9.104	172	899793	38.53	ppm	0.00
Spiked Amount 50.000	Range 20 - 100		Recovery = 77.06%			
74) 2,4,6-Tribromophenol	10.939	330	121008	68.95	ppm	0.00
Spiked Amount 75.000	Range 25 - 115		Recovery = 91.93%			
86) p-Terphenyl-d14	14.346	244	943096	54.11	ppm	0.00
Spiked Amount 50.000	Range 35 - 130		Recovery = 108.22%			
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\msdchem\1\DATA\Y130130\Y18812.D Vial: 7
Acq On : 30 Jan 2013 4:15 pm Operator: MAIT
Sample : C25941-19 Inst : Y
Misc : OP7411,EY883,30.00,,,1,1,S,pah Multiplr: 1.00
Quant Results File: EY880_Terpineol.RES
Quant Time: Jan 31 13:15:42 2013

Quant Method : C:\msdchem\1\METHODS\EY880_Terpineol.M
Quant Title : SVOC Method SW 8270C or EPA625
QLast Update : Thu Jan 31 13:10:40 2013
Response via : Initial Calibration
DataAcq Meth:ACQ_BNA.M



Quantitation Report (QT Reviewed)

Data File : C:\msdchem\1\DATA\Y130129\Y18783.D Vial: 14
Acq On : 30 Jan 2013 12:20 am Operator: MAIT
Sample : C25941-20 Inst : Y
Misc : OP7411,EY882,30.00,,,1,1,S Multiplr: 1.00
Quant Results File: EY880_Terpineol.RES
Quant Time: Jan 30 15:16:18 2013

Quant Method : C:\msdchem\1\METHODS\EY880_Terpineol.M
Quant Title : SVOC Method SW 8270C or EPA625
QLast Update : Wed Jan 30 15:01:21 2013
Response via : Initial Calibration
DataAcq Meth:ACQ_BNA.M

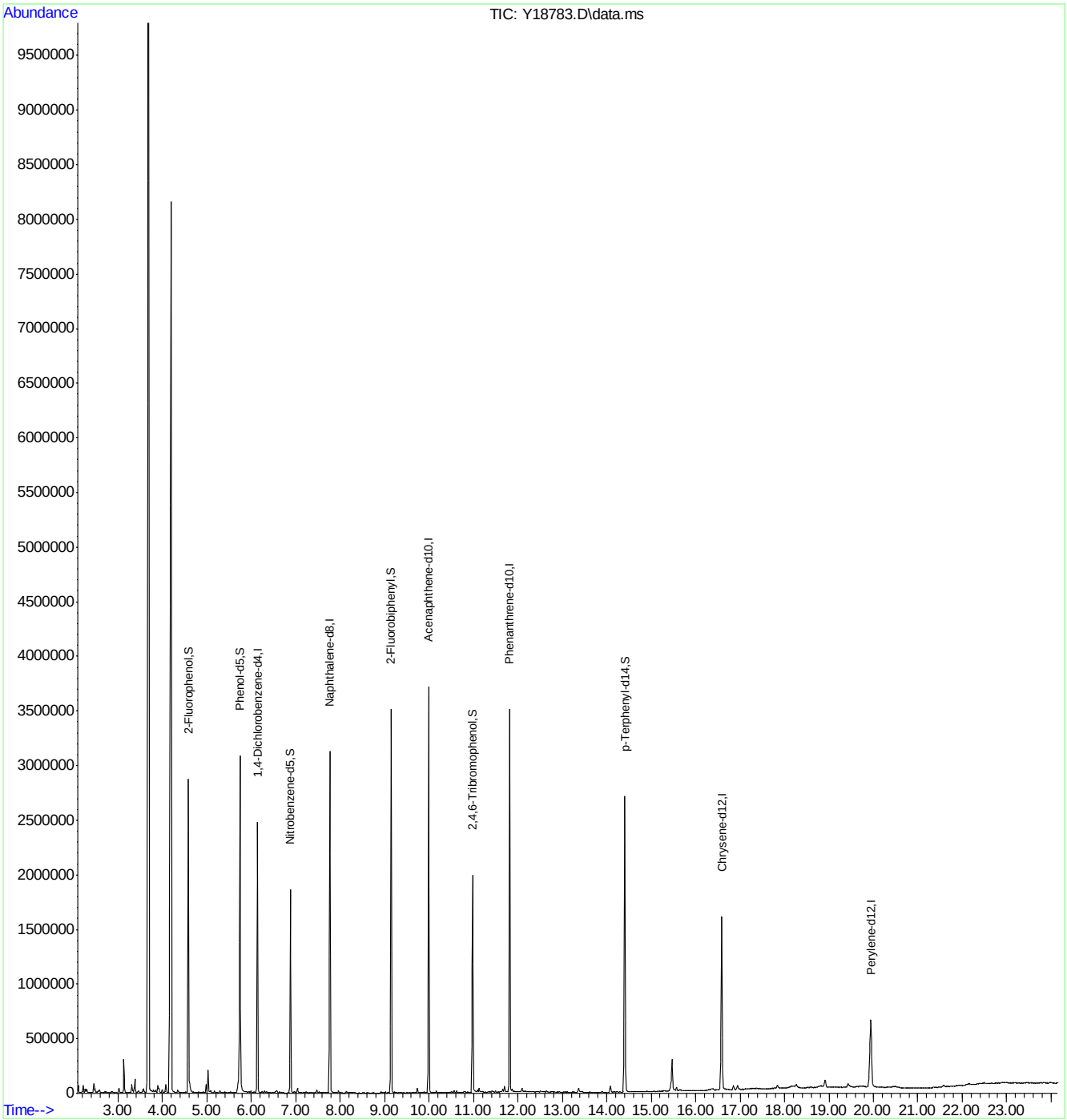
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.136	152	373080	40.00	ppm	# 0.00
25) Naphthalene-d8	7.767	136	1394558	40.00	ppm	# 0.00
43) Acenaphthene-d10	9.992	164	873926	40.00	ppm	# 0.00
73) Phenanthrene-d10	11.811	188	1443981	40.00	ppm	# 0.00
84) Chrysene-d12	16.587	240	1023502	40.00	ppm	#-0.01
93) Perylene-d12	19.946	264	552614	40.00	ppm	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.579	112	778640	58.68	ppm	0.02
Spiked Amount 75.000	Range 10 - 100		Recovery = 78.24%			
9) Phenol-d5	5.745	99	1128866	62.79	ppm	0.00
Spiked Amount 75.000	Range 7 - 100		Recovery = 83.72%			
23) Nitrobenzene-d5	6.879	82	670436	38.74	ppm	0.00
Spiked Amount 50.000	Range 25 - 100		Recovery = 77.48%			
47) 2-Fluorobiphenyl	9.147	172	1224657	40.12	ppm	0.00
Spiked Amount 50.000	Range 20 - 100		Recovery = 80.24%			
74) 2,4,6-Tribromophenol	10.982	330	171238	71.39	ppm	0.00
Spiked Amount 75.000	Range 25 - 115		Recovery = 95.19%			
86) p-Terphenyl-d14	14.405	244	1395378	54.84	ppm	0.00
Spiked Amount 50.000	Range 35 - 130		Recovery = 109.68%			
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\msdchem\1\DATA\Y130129\Y18783.D Vial: 14
Acq On : 30 Jan 2013 12:20 am Operator: MAIT
Sample : C25941-20 Inst : Y
Misc : OP7411,EY882,30.00,,,1,1,S Multiplr: 1.00
Quant Results File: EY880_Terpineol.RES
Quant Time: Jan 30 15:16:18 2013

Quant Method : C:\msdchem\1\METHODS\EY880_Terpineol.M
Quant Title : SVOC Method SW 8270C or EPA625
QLast Update : Wed Jan 30 15:01:21 2013
Response via : Initial Calibration
DataAcq Meth:ACQ_BNA.M



Quantitation Report (QT Reviewed)

Data File : C:\msdchem\1\DATA\Y130129\Y18763.D Vial: 6
Acq On : 29 Jan 2013 1:55 pm Operator: MAIT
Sample : OP7407-MB Inst : Y
Misc : OP7407,EY882,30.00,,,1,1,S Multiplr: 1.00
Quant Results File: EY880_Terpineol.RES
Quant Time: Jan 29 16:54:38 2013

Quant Method : C:\msdchem\1\METHODS\EY880_Terpineol.M
Quant Title : SVOC Method SW 8270C or EPA625
QLast Update : Tue Jan 29 16:49:53 2013
Response via : Initial Calibration
DataAcq Meth:ACQ_BNA.M

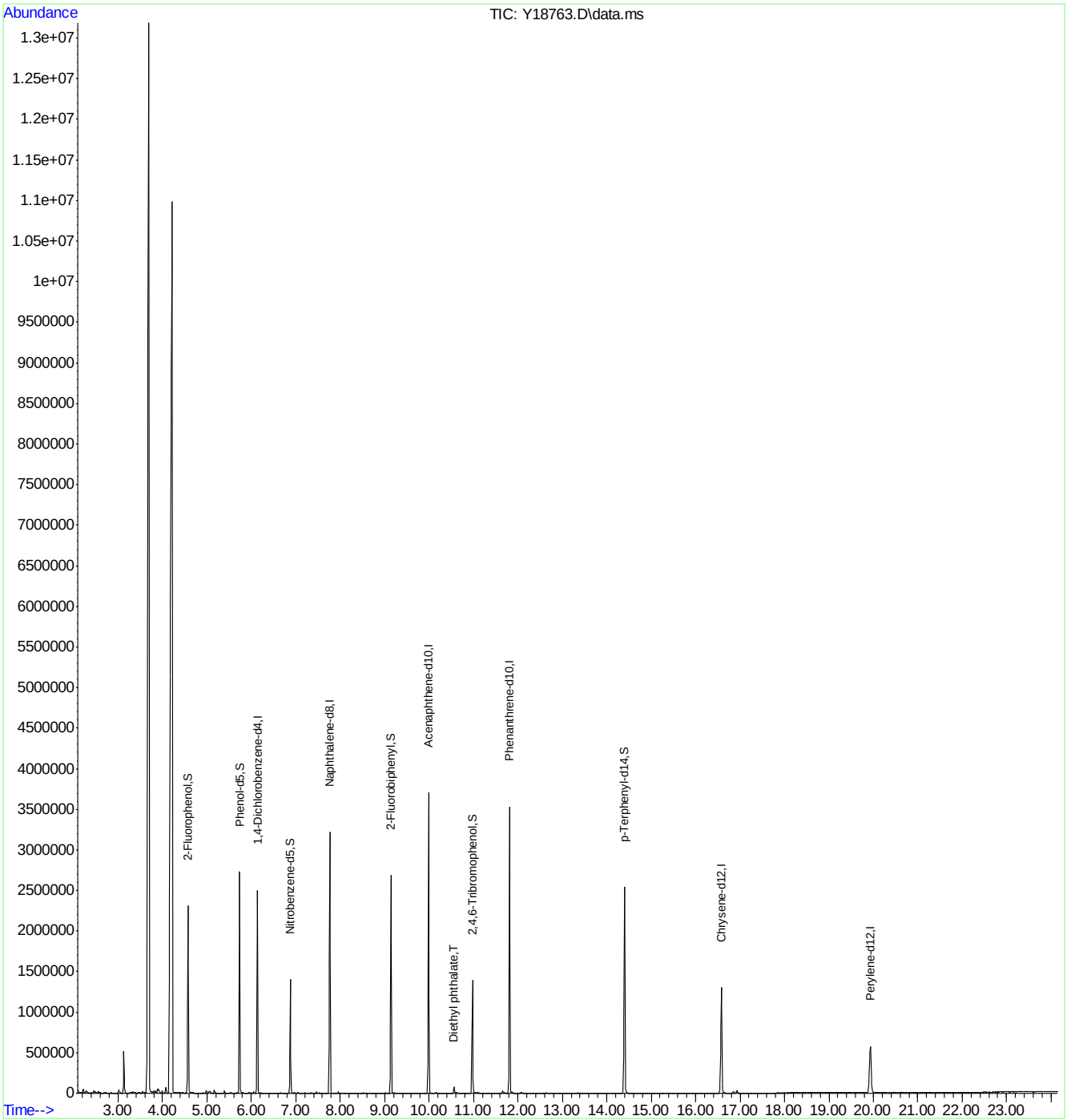
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.136	152	381657	40.00	ppm	# 0.00
25) Naphthalene-d8	7.767	136	1431585	40.00	ppm	# 0.00
43) Acenaphthene-d10	9.987	164	882480	40.00	ppm	#-0.01
73) Phenanthrene-d10	11.811	188	1402658	40.00	ppm	# 0.00
84) Chrysene-d12	16.582	240	851222	40.00	ppm	#-0.02
93) Perylene-d12	19.935	264	507490	40.00	ppm	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.574	112	597877	44.05	ppm	0.01
Spiked Amount 75.000	Range 10 - 100		Recovery = 58.73%			
9) Phenol-d5	5.735	99	951529	51.74	ppm	-0.01
Spiked Amount 75.000	Range 7 - 100		Recovery = 68.99%			
23) Nitrobenzene-d5	6.874	82	492481	27.82	ppm	-0.01
Spiked Amount 50.000	Range 25 - 100		Recovery = 55.64%			
47) 2-Fluorobiphenyl	9.142	172	857291	27.81	ppm	-0.01
Spiked Amount 50.000	Range 20 - 100		Recovery = 55.62%			
74) 2,4,6-Tribromophenol	10.976	330	115778	49.69	ppm	-0.01
Spiked Amount 75.000	Range 25 - 115		Recovery = 66.25%			
86) p-Terphenyl-d14	14.399	244	1332044	62.94	ppm	-0.01
Spiked Amount 50.000	Range 35 - 130		Recovery = 125.88%			
Target Compounds						Qvalue
66) Diethyl phthalate	10.559	149	39092	1.26	ppm	95

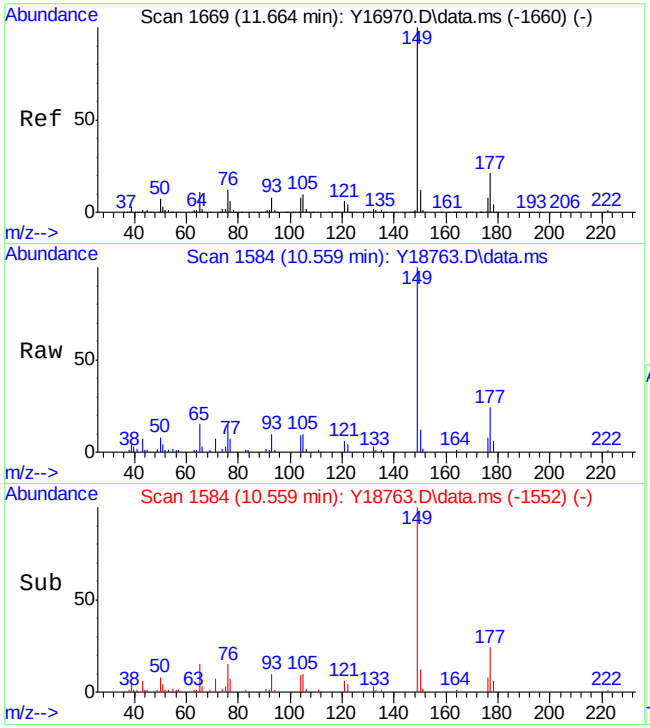
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\msdchem\1\DATA\Y130129\Y18763.D Vial: 6
Acq On : 29 Jan 2013 1:55 pm Operator: MAIT
Sample : OP7407-MB Inst : Y
Misc : OP7407,EY882,30.00,,,1,1,S Multiplr: 1.00
Quant Results File: EY880_Terpineol.RES
Quant Time: Jan 29 16:54:38 2013

Quant Method : C:\msdchem\1\METHODS\EY880_Terpineol.M
Quant Title : SVOC Method SW 8270C or EPA625
QLast Update : Tue Jan 29 16:49:53 2013
Response via : Initial Calibration
DataAcq Meth:ACQ_BNA.M

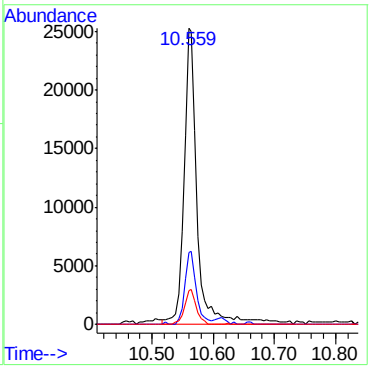




#66
Diethyl phthalate
Concen: 1.26 ppm
RT: 10.559 min Scan# 1584
Delta R.T. -0.027 min
Lab File: Y18763.D
Acq: 29 Jan 2013 1:55 pm

Tgt Ion:149 Resp: 39092

Ion	Ratio	Lower	Upper
149	100		
177	21.6	13.4	25.0
150	10.6	8.6	16.0



Quantitation Report (QT Reviewed)

Data File : C:\msdchem\1\DATA\Y130129\Y18766.D Vial: 9
Acq On : 29 Jan 2013 3:33 pm Operator: MAIT
Sample : OP7411-MB Inst : Y
Misc : OP7411,EY882,30.00,,,1,1,S Multiplr: 1.00
Quant Results File: EY880_Terpineol.RES
Quant Time: Jan 29 16:58:00 2013

Quant Method : C:\msdchem\1\METHODS\EY880_Terpineol.M
Quant Title : SVOC Method SW 8270C or EPA625
QLast Update : Tue Jan 29 16:49:53 2013
Response via : Initial Calibration
DataAcq Meth:ACQ_BNA.M

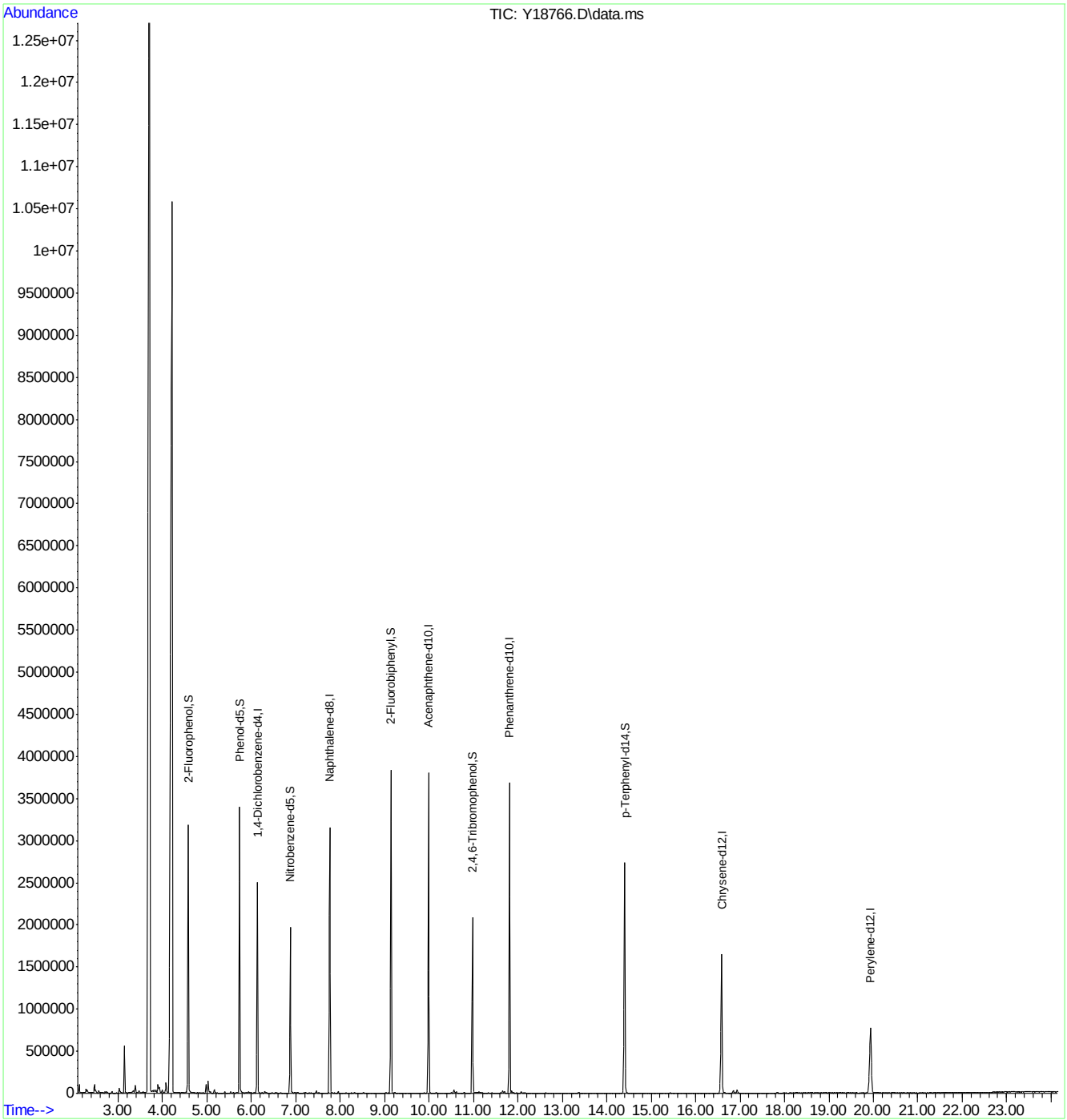
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.136	152	397887	40.00	ppm	# 0.00
25) Naphthalene-d8	7.762	136	1501241	40.00	ppm	#-0.01
43) Acenaphthene-d10	9.987	164	932145	40.00	ppm	#-0.01
73) Phenanthrene-d10	11.811	188	1519556	40.00	ppm	# 0.00
84) Chrysene-d12	16.587	240	1076984	40.00	ppm	#-0.01
93) Perylene-d12	19.935	264	692159	40.00	ppm	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.579	112	882811	62.38	ppm	0.02
Spiked Amount 75.000	Range 10 - 100		Recovery = 83.17%			
9) Phenol-d5	5.735	99	1276702	66.58	ppm	-0.01
Spiked Amount 75.000	Range 7 - 100		Recovery = 88.77%			
23) Nitrobenzene-d5	6.874	82	755390	40.93	ppm	-0.01
Spiked Amount 50.000	Range 25 - 100		Recovery = 81.86%			
47) 2-Fluorobiphenyl	9.142	172	1348413	41.42	ppm	-0.01
Spiked Amount 50.000	Range 20 - 100		Recovery = 82.84%			
74) 2,4,6-Tribromophenol	10.976	330	178546	70.74	ppm	-0.01
Spiked Amount 75.000	Range 25 - 115		Recovery = 94.32%			
86) p-Terphenyl-d14	14.405	244	1511607	56.46	ppm	0.00
Spiked Amount 50.000	Range 35 - 130		Recovery = 112.92%			
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\msdchem\1\DATA\Y130129\Y18766.D Vial: 9
Acq On : 29 Jan 2013 3:33 pm Operator: MAIT
Sample : OP7411-MB Inst : Y
Misc : OP7411,EY882,30.00,,,1,1,S Multiplr: 1.00
Quant Results File: EY880_Terpineol.RES
Quant Time: Jan 29 16:58:00 2013

Quant Method : C:\msdchem\1\METHODS\EY880_Terpineol.M
Quant Title : SVOC Method SW 8270C or EPA625
QLast Update : Tue Jan 29 16:49:53 2013
Response via : Initial Calibration
DataAcq Meth:ACQ_BNA.M



Northern California ACCUTEST LABORATORIES

GC Semi-volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: C25941
Account: EQUOCAMS EquoLogic
Project: T10000003424-San Lorenzo, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP7406-MB	GG40958.D	1	01/29/13	LB	01/28/13	OP7406	GGG1084

The QC reported here applies to the following samples: **Method:** SW846 8015B M

C25941-1, C25941-2, C25941-3, C25941-4, C25941-5, C25941-6, C25941-7, C25941-8, C25941-9, C25941-10, C25941-11, C25941-12, C25941-13, C25941-14, C25941-15, C25941-16, C25941-17, C25941-18, C25941-19, C25941-20

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (Diesel)	ND	10	5.0	mg/kg	
	TPH (Motor Oil)	ND	20	10	mg/kg	

CAS No.	Surrogate Recoveries		Limits
630-01-3	Hexacosane	79%	37-122%

Blank Spike/Blank Spike Duplicate Summary

Job Number: C25941
Account: EQUOCAMS EquoLogic
Project: T10000003424-San Lorenzo, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP7406-BS	GG40960.D	1	01/29/13	LB	01/28/13	OP7406	GGG1084
OP7406-BSD	GG40961.D	1	01/29/13	LB	01/28/13	OP7406	GGG1084

The QC reported here applies to the following samples: **Method:** SW846 8015B M

C25941-1, C25941-2, C25941-3, C25941-4, C25941-5, C25941-6, C25941-7, C25941-8, C25941-9, C25941-10, C25941-11, C25941-12, C25941-13, C25941-14, C25941-15, C25941-16, C25941-17, C25941-18, C25941-19, C25941-20

CAS No.	Compound	Spike mg/kg	BSP mg/kg	BSP %	BSD mg/kg	BSD %	RPD	Limits Rec/RPD
	TPH (Diesel)	100	81.9	82	78.1	78	5	38-102/28
	TPH (Motor Oil)	100	89.1	89	86.2	86	3	42-111/26

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
630-01-3	Hexacosane	89%	83%	37-122%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: C25941
Account: EQUOCAMS EquoLogic
Project: T10000003424-San Lorenzo, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP7406-MS	GG40976.D	1	01/29/13	LB	01/28/13	OP7406	GGG1084
OP7406-MSD	GG40977.D	1	01/29/13	LB	01/28/13	OP7406	GGG1084
C25941-20	GG40988.D	1	01/29/13	LB	01/28/13	OP7406	GGG1084

The QC reported here applies to the following samples: **Method:** SW846 8015B M

C25941-1, C25941-2, C25941-3, C25941-4, C25941-5, C25941-6, C25941-7, C25941-8, C25941-9, C25941-10, C25941-11, C25941-12, C25941-13, C25941-14, C25941-15, C25941-16, C25941-17, C25941-18, C25941-19, C25941-20

CAS No.	Compound	C25941-20 mg/kg	Q	Spike mg/kg	MS mg/kg	MS %	MSD mg/kg	MSD %	RPD	Limits Rec/RPD
	TPH (Diesel)	ND		99.5	56.3	57	54.4	55	3	38-102/28
	TPH (Motor Oil)	ND		99.5	71.9	72	66.0	67	9	42-111/26

CAS No.	Surrogate Recoveries	MS	MSD	C25941-20	Limits
630-01-3	Hexacosane	61%	60%	59%	37-122%

* = Outside of Control Limits.

Northern California ACCUTEST LABORATORIES

GC Semi-volatiles

Raw Data

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\D#2\DATA\GGG1084\GG40968.D Vial: 14
Acq On : 1-29-13 1:02:39 PM Operator: LAURAB
Sample : C25941-1 Inst : Diesel #2
Misc : OP7406,GGG1084,10.10,,,1,1,S Multiplr: 1.00
IntFile : autoint1.e
Quant Time: Jan 30 10:56 2013 Quant Results File: GGG1081.RES

Quant Method : C:\HPCHEM\D#2\METHODS\GGG1081.M (Chemstation Integrator)
Title : DRO calibration: Back column
Last Update : Fri Jan 25 11:26:09 2013
Response via : Initial Calibration
DataAcq Meth : ACQ_GG1.M

Volume Inj. : 1.0 uL
Signal Phase : HP-5
Signal Info : 0.32 mm

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S,M Hexacosane	9.92	57776443	68.342 ppm
Spiked Amount 100.000		Recovery =	68.34%
Target Compounds			
2) H,M TPH (C10-C28)	6.00	35950485	37.543 ppm
3) H TPH (>C28-C40)	12.00	87049126	148.562 ppm
4) H TPH (Mineral Spirits)	0.00	0	N.D. ppm
5) H TPH (Kerosene)	0.00	0	N.D. ppm
6) H,M TPH (Diesel)	0.00	0	N.D. ppm
7) H TPH (Motor Oil)	12.00	111799740	191.544 ppm

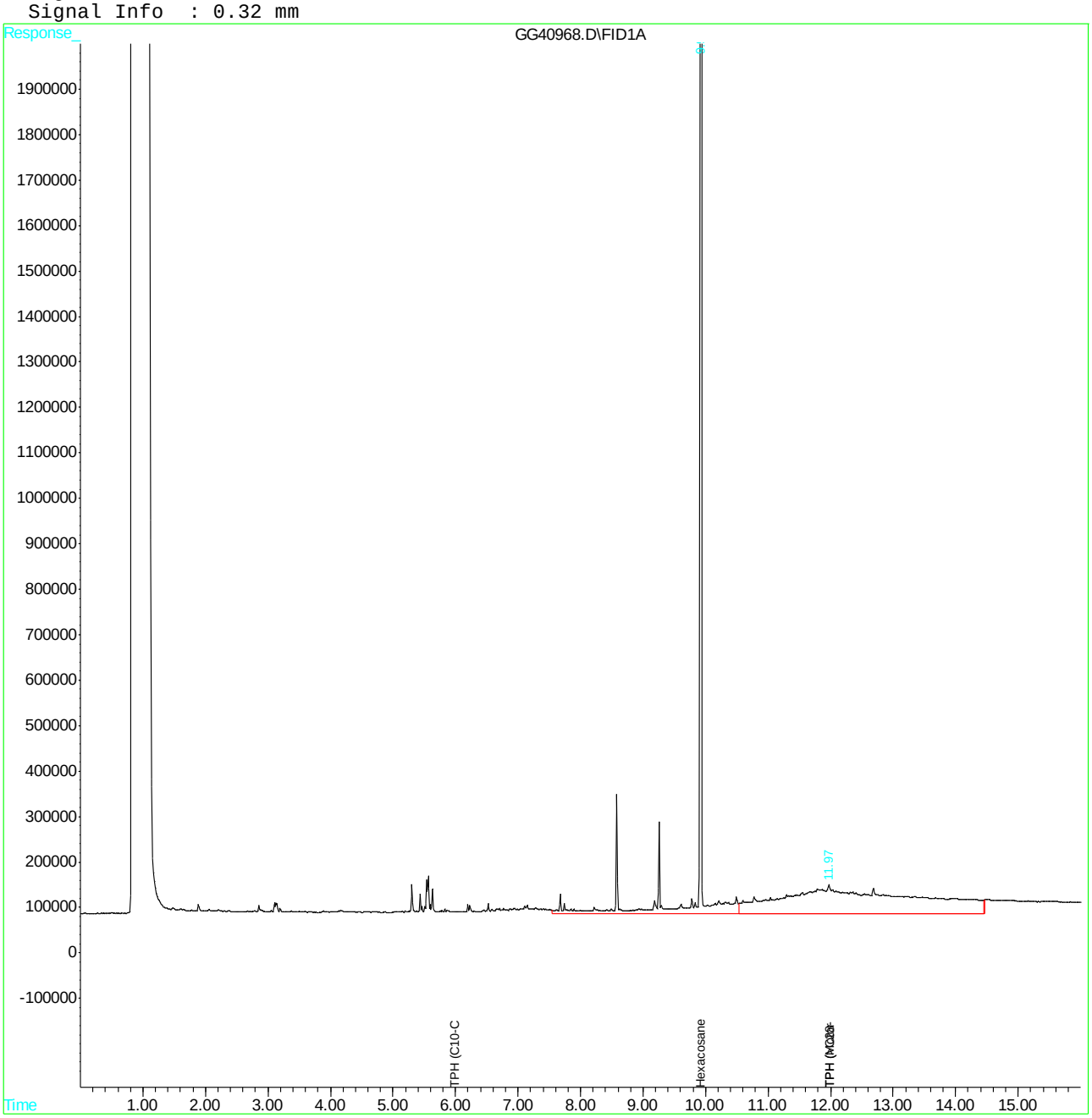
(f)=RT Delta > 1/2 Window (m)=manual int.
GG40968.D GGG1081.M Wed Jan 30 10:56:27 2013 Page 1

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\D#2\DATA\GGG1084\GG40968.D Vial: 14
Acq On : 1-29-13 1:02:39 PM Operator: LAURAB
Sample : C25941-1 Inst : Diesel #2
Misc : OP7406,GGG1084,10.10,,,1,1,S Multiplr: 1.00
IntFile : autoint1.e
Quant Time: Jan 30 10:56 2013 Quant Results File: GGG1081.RES

Quant Method : C:\HPCHEM\D#2\METHODS\GGG1081.M (Chemstation Integrator)
Title : DRO calibration: Back column
Last Update : Fri Jan 25 11:26:09 2013
Response via : Multiple Level Calibration
DataAcq Meth : ACQ_GG1.M

Volume Inj. : 1.0 uL
Signal Phase : HP-5
Signal Info : 0.32 mm



Manual Integrations APPROVED (compounds with "m" flag)
Mai Tran
01/30/13 17:27

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\D#2\DATA\GGG1084\GG40969.D Vial: 15
Acq On : 1-29-13 1:24:37 PM Operator: LAURAB
Sample : C25941-2 Inst : Diesel #2
Misc : OP7406,GGG1084,10.09,,,1,1,S Multiplr: 1.00
IntFile : autoint1.e
Quant Time: Jan 30 11:10 2013 Quant Results File: GGG1081.RES

Quant Method : C:\HPCHEM\D#2\METHODS\GGG1081.M (Chemstation Integrator)
Title : DRO calibration: Back column
Last Update : Fri Jan 25 11:26:09 2013
Response via : Initial Calibration
DataAcq Meth : ACQ_GG1.M

Volume Inj. : 1.0 uL
Signal Phase : HP-5
Signal Info : 0.32 mm

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S,M Hexacosane	9.92	58346214	69.016 ppm m
Spiked Amount 100.000		Recovery =	69.02%
Target Compounds			
2) H,M TPH (C10-C28)	6.00	20208393	21.104 ppm
3) H TPH (>C28-C40)	12.00	28658933	48.911 ppm
4) H TPH (Mineral Spirits)	0.00	0	N.D. ppm
5) H TPH (Kerosene)	0.00	0	N.D. ppm
6) H,M TPH (Diesel)	6.00	20208393	21.073 ppm
7) H TPH (Motor Oil)	12.00	28658933	49.101 ppm

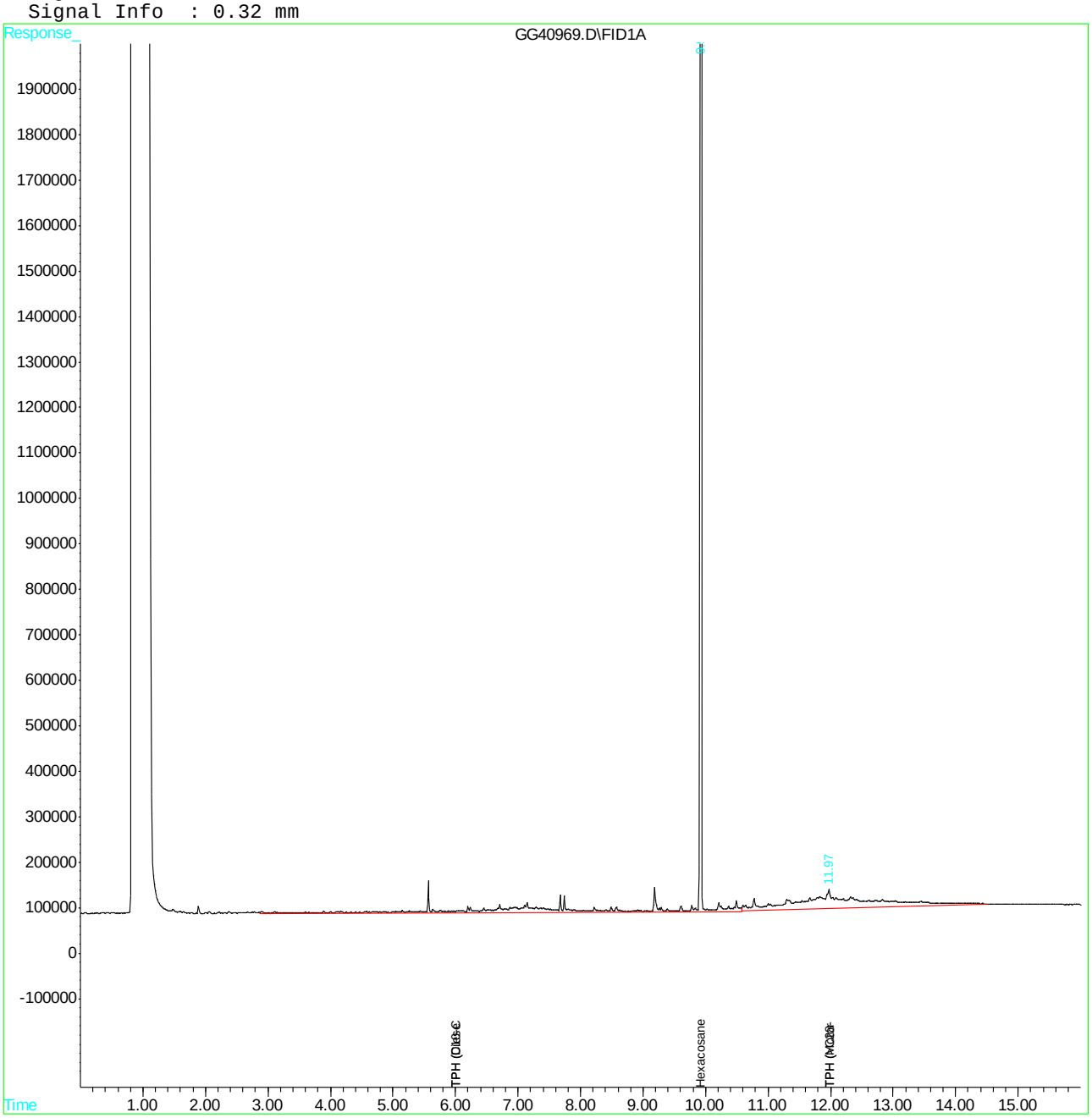
(f)=RT Delta > 1/2 Window (m)=manual int.
GG40969.D GGG1081.M Wed Jan 30 11:10:26 2013 Page 1

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\D#2\DATA\GGG1084\GG40969.D Vial: 15
Acq On : 1-29-13 1:24:37 PM Operator: LAURAB
Sample : C25941-2 Inst : Diesel #2
Misc : OP7406,GGG1084,10.09,,,1,1,S Multiplr: 1.00
IntFile : autoint1.e
Quant Time: Jan 30 11:10 2013 Quant Results File: GGG1081.RES

Quant Method : C:\HPCHEM\D#2\METHODS\GGG1081.M (Chemstation Integrator)
Title : DRO calibration: Back column
Last Update : Fri Jan 25 11:26:09 2013
Response via : Multiple Level Calibration
DataAcq Meth : ACQ_GG1.M

Volume Inj. : 1.0 uL
Signal Phase : HP-5
Signal Info : 0.32 mm



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\D#2\DATA\GGG1084\GG40970.D Vial: 16
Acq On : 1-29-13 1:46:33 PM Operator: LAURAB
Sample : C25941-3 Inst : Diesel #2
Misc : OP7406,GGG1084,10.12,,,1,1,S Multiplr: 1.00
IntFile : autoint1.e
Quant Time: Jan 30 11:11 2013 Quant Results File: GGG1081.RES

Quant Method : C:\HPCHEM\D#2\METHODS\GGG1081.M (Chemstation Integrator)
Title : DRO calibration: Back column
Last Update : Fri Jan 25 11:26:09 2013
Response via : Initial Calibration
DataAcq Meth : ACQ_GG1.M

Volume Inj. : 1.0 uL
Signal Phase : HP-5
Signal Info : 0.32 mm

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S,M Hexacosane	9.92	64785433	76.632 ppm
Spiked Amount 100.000		Recovery =	76.63%
Target Compounds			
2) H,M TPH (C10-C28)	6.00	15307464	15.986 ppm
3) H TPH (>C28-C40)	12.00	27285706	46.567 ppm
4) H TPH (Mineral Spirits)	0.00	0	N.D. ppm
5) H TPH (Kerosene)	0.00	0	N.D. ppm
6) H,M TPH (Diesel)	6.00	15307464	15.963 ppm
7) H TPH (Motor Oil)	12.00	27285706	46.748 ppm

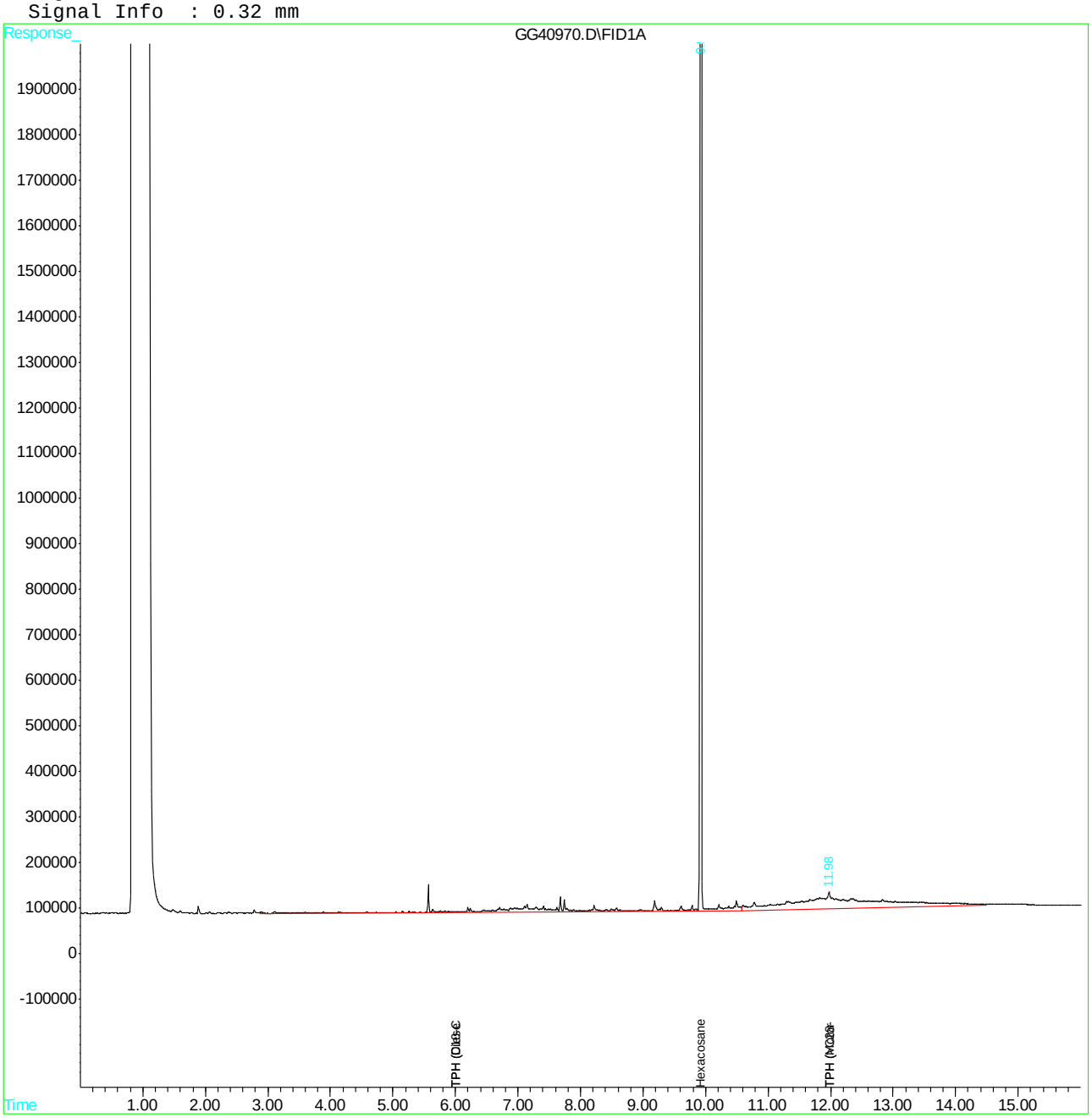
(f)=RT Delta > 1/2 Window (m)=manual int.
GG40970.D GGG1081.M Wed Jan 30 11:11:12 2013 Page 1

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\D#2\DATA\GGG1084\GG40970.D Vial: 16
Acq On : 1-29-13 1:46:33 PM Operator: LAURAB
Sample : C25941-3 Inst : Diesel #2
Misc : OP7406,GGG1084,10.12,,,1,1,S Multiplr: 1.00
IntFile : autoint1.e
Quant Time: Jan 30 11:11 2013 Quant Results File: GGG1081.RES

Quant Method : C:\HPCHEM\D#2\METHODS\GGG1081.M (Chemstation Integrator)
Title : DRO calibration: Back column
Last Update : Fri Jan 25 11:26:09 2013
Response via : Multiple Level Calibration
DataAcq Meth : ACQ_GG1.M

Volume Inj. : 1.0 uL
Signal Phase : HP-5
Signal Info : 0.32 mm



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\D#2\DATA\GGG1084\GG40971.D Vial: 17
Acq On : 1-29-13 2:08:20 PM Operator: LAURAB
Sample : C25941-4 Inst : Diesel #2
Misc : OP7406,GGG1084,10.08,,,1,1,S Multiplr: 1.00
IntFile : autoint1.e
Quant Time: Jan 30 11:11 2013 Quant Results File: GGG1081.RES

Quant Method : C:\HPCHEM\D#2\METHODS\GGG1081.M (Chemstation Integrator)
Title : DRO calibration: Back column
Last Update : Fri Jan 25 11:26:09 2013
Response via : Initial Calibration
DataAcq Meth : ACQ_GG1.M

Volume Inj. : 1.0 uL
Signal Phase : HP-5
Signal Info : 0.32 mm

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S,M Hexacosane	9.92	59407531	70.271 ppm
Spiked Amount 100.000		Recovery =	70.27%
Target Compounds			
2) H,M TPH (C10-C28)	6.00	83985431	87.706 ppm
3) H TPH (>C28-C40)	12.00	16351993	27.907 ppm
4) H TPH (Mineral Spirits)	0.00	0	N.D. ppm
5) H TPH (Kerosene)	0.00	0	N.D. ppm
6) H,M TPH (Diesel)	6.00	83985431	87.580 ppm
7) H TPH (Motor Oil)	12.00	16351993	28.016 ppm

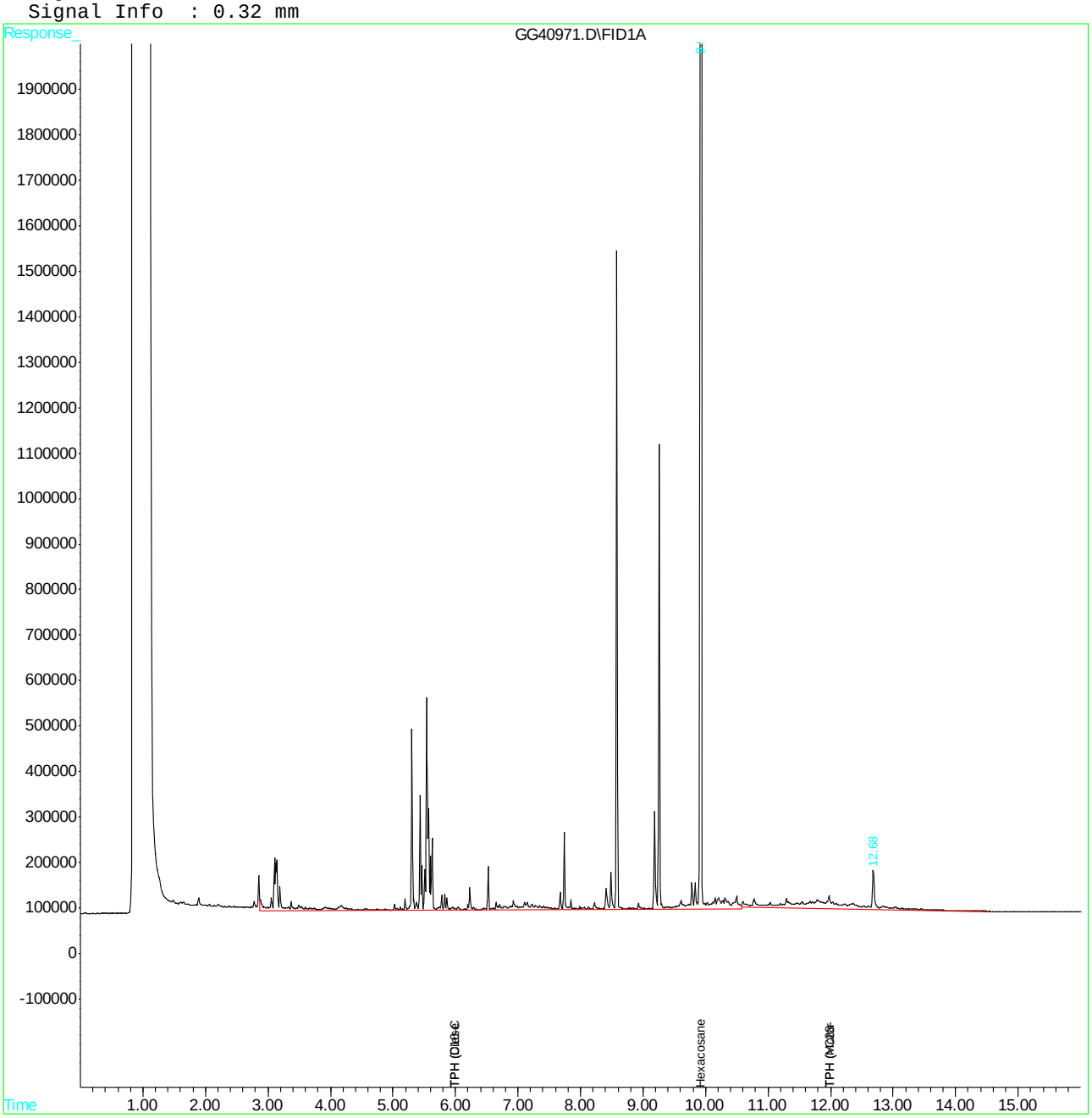
(f)=RT Delta > 1/2 Window (m)=manual int.
GG40971.D GGG1081.M Wed Jan 30 11:11:55 2013 Page 1

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\D#2\DATA\GGG1084\GG40971.D Vial: 17
Acq On : 1-29-13 2:08:20 PM Operator: LAURAB
Sample : C25941-4 Inst : Diesel #2
Misc : OP7406,GGG1084,10.08,,,1,1,S Multiplr: 1.00
IntFile : autoint1.e
Quant Time: Jan 30 11:11 2013 Quant Results File: GGG1081.RES

Quant Method : C:\HPCHEM\D#2\METHODS\GGG1081.M (Chemstation Integrator)
Title : DRO calibration: Back column
Last Update : Fri Jan 25 11:26:09 2013
Response via : Multiple Level Calibration
DataAcq Meth : ACQ_GG1.M

Volume Inj. : 1.0 uL
Signal Phase : HP-5
Signal Info : 0.32 mm



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\D#2\DATA\GGG1084\GG40966.D Vial: 13
Acq On : 1-29-13 12:17:44 PM Operator: LAURAB
Sample : C25941-5 Inst : Diesel #2
Misc : OP7406,GGG1084,10.03,,,1,10,S Multiplr: 1.00
IntFile : autoint1.e
Quant Time: Jan 29 12:38 2013 Quant Results File: GGG1081.RES

Quant Method : C:\HPCHEM\D#2\METHODS\GGG1081.M (Chemstation Integrator)
Title : DRO calibration: Back column
Last Update : Fri Jan 25 11:26:09 2013
Response via : Initial Calibration
DataAcq Meth : ACQ_GG1.M

Volume Inj. : 1.0 uL
Signal Phase : HP-5
Signal Info : 0.32 mm

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S,M Hexacosane	9.92	6265887	7.412 ppm
Spiked Amount 100.000		Recovery =	7.41%
Target Compounds			
2) H,M TPH (C10-C28)	6.00	49308090	51.493 ppm
3) H TPH (>C28-C40)	12.00	174154551	297.221 ppm
4) H TPH (Mineral Spirits)	0.00	0	N.D. ppm
5) H TPH (Kerosene)	0.00	0	N.D. ppm
6) H,M TPH (Diesel)	0.00	0	N.D. ppm
7) H TPH (Motor Oil)	12.00	219518045	376.096 ppm

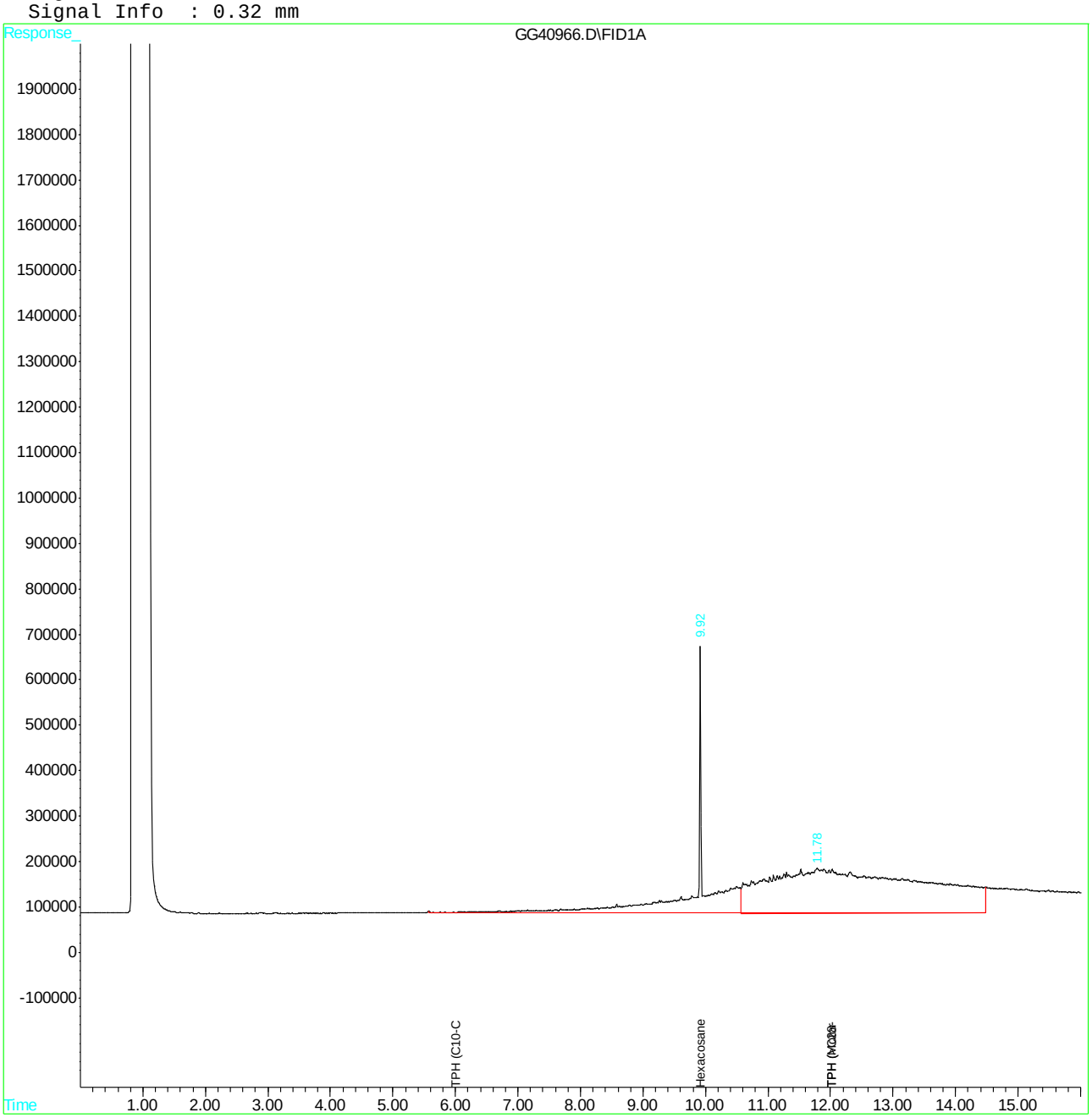
(f)=RT Delta > 1/2 Window (m)=manual int.
GG40966.D GGG1081.M Tue Jan 29 12:39:00 2013 Page 1

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\D#2\DATA\GGG1084\GG40966.D Vial: 13
Acq On : 1-29-13 12:17:44 PM Operator: LAURAB
Sample : C25941-5 Inst : Diesel #2
Misc : OP7406,GGG1084,10.03,,,1,10,S Multiplr: 1.00
IntFile : autoint1.e
Quant Time: Jan 29 12:38 2013 Quant Results File: GGG1081.RES

Quant Method : C:\HPCHEM\D#2\METHODS\GGG1081.M (Chemstation Integrator)
Title : DRO calibration: Back column
Last Update : Fri Jan 25 11:26:09 2013
Response via : Multiple Level Calibration
DataAcq Meth : ACQ_GG1.M

Volume Inj. : 1.0 uL
Signal Phase : HP-5
Signal Info : 0.32 mm



Manual Integrations APPROVED (compounds with "m" flag)
Mai Tran
01/30/13 17:27

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\D#2\DATA\GGG1084\GG40972.D Vial: 18
Acq On : 1-29-13 2:30:18 PM Operator: LAURAB
Sample : C25941-6 Inst : Diesel #2
Misc : OP7406,GGG1084,10.00,,,1,1,S Multiplr: 1.00
IntFile : autoint1.e
Quant Time: Jan 30 11:12 2013 Quant Results File: GGG1081.RES

Quant Method : C:\HPCHEM\D#2\METHODS\GGG1081.M (Chemstation Integrator)
Title : DRO calibration: Back column
Last Update : Fri Jan 25 11:26:09 2013
Response via : Initial Calibration
DataAcq Meth : ACQ_GG1.M

Volume Inj. : 1.0 uL
Signal Phase : HP-5
Signal Info : 0.32 mm

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S,M Hexacosane	9.92	54405232	64.354 ppm m
Spiked Amount 100.000		Recovery =	64.35%
Target Compounds			
2) H,M TPH (C10-C28)	6.00	17015367	17.769 ppm
3) H TPH (>C28-C40)	12.00	19327930	32.986 ppm
4) H TPH (Mineral Spirits)	0.00	0	N.D. ppm
5) H TPH (Kerosene)	0.00	0	N.D. ppm
6) H,M TPH (Diesel)	6.00	17015367	17.744 ppm
7) H TPH (Motor Oil)	12.00	19327930	33.114 ppm

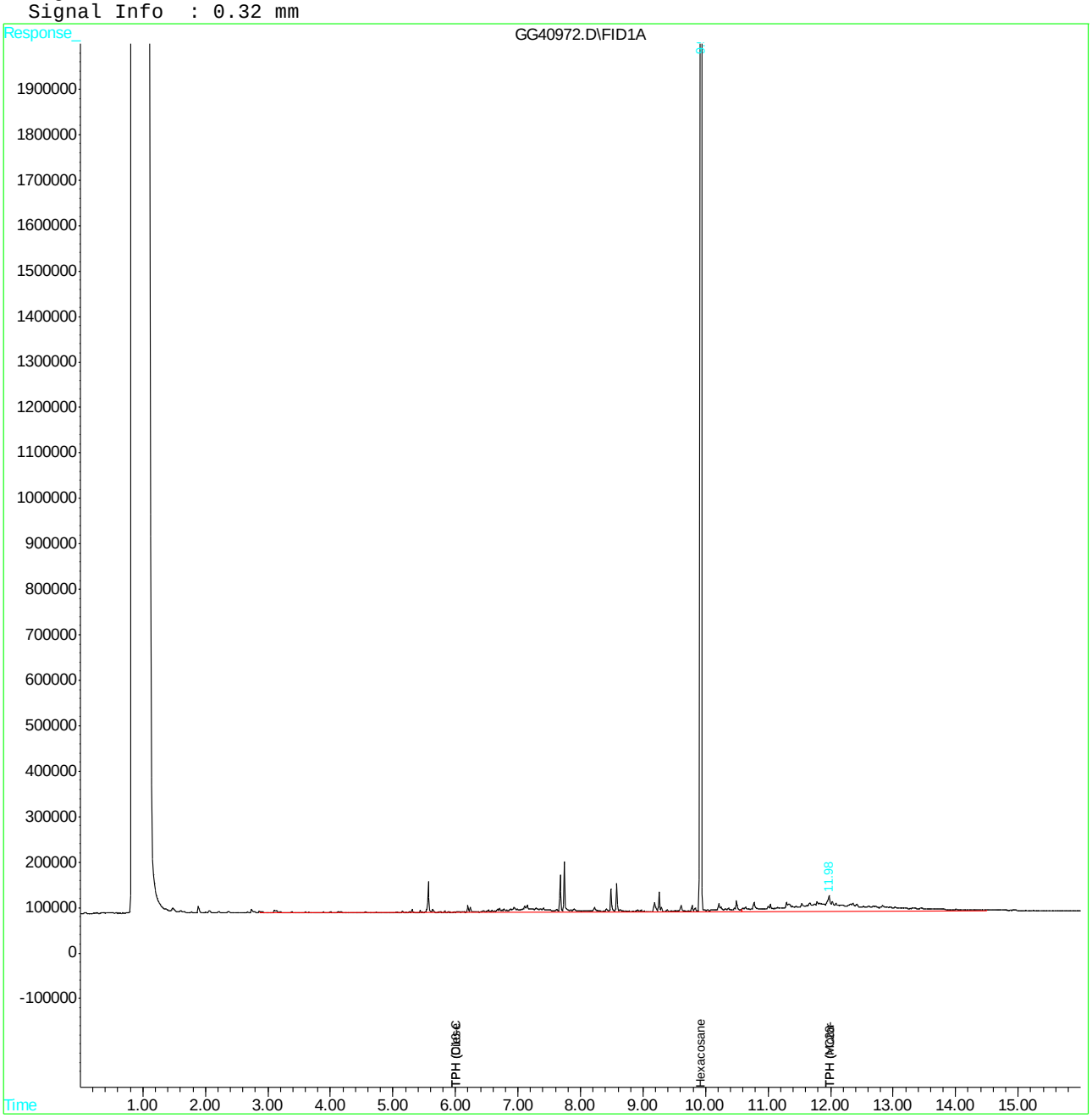
(f)=RT Delta > 1/2 Window (m)=manual int.
GG40972.D GGG1081.M Wed Jan 30 11:12:37 2013 Page 1

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\D#2\DATA\GGG1084\GG40972.D Vial: 18
Acq On : 1-29-13 2:30:18 PM Operator: LAURAB
Sample : C25941-6 Inst : Diesel #2
Misc : OP7406,GGG1084,10.00,,,1,1,S Multiplr: 1.00
IntFile : autoint1.e
Quant Time: Jan 30 11:12 2013 Quant Results File: GGG1081.RES

Quant Method : C:\HPCHEM\D#2\METHODS\GGG1081.M (Chemstation Integrator)
Title : DRO calibration: Back column
Last Update : Fri Jan 25 11:26:09 2013
Response via : Multiple Level Calibration
DataAcq Meth : ACQ_GG1.M

Volume Inj. : 1.0 uL
Signal Phase : HP-5
Signal Info : 0.32 mm



Manual Integrations APPROVED (compounds with "m" flag)
Mai Tran
01/30/13 17:27

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\D#2\DATA\GGG1084\GG40973.D Vial: 19
Acq On : 1-29-13 2:52:16 PM Operator: LAURAB
Sample : C25941-7 Inst : Diesel #2
Misc : OP7406,GGG1084,10.02,,,1,1,S Multiplr: 1.00
IntFile : autoint1.e
Quant Time: Jan 30 11:13 2013 Quant Results File: GGG1081.RES

Quant Method : C:\HPCHEM\D#2\METHODS\GGG1081.M (Chemstation Integrator)
Title : DRO calibration: Back column
Last Update : Fri Jan 25 11:26:09 2013
Response via : Initial Calibration
DataAcq Meth : ACQ_GG1.M

Volume Inj. : 1.0 uL
Signal Phase : HP-5
Signal Info : 0.32 mm

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S,M Hexacosane	9.92	51963117	61.465 ppm m
Spiked Amount 100.000		Recovery =	61.47%
Target Compounds			
2) H,M TPH (C10-C28)	6.00	14518730	15.162 ppm
3) H TPH (>C28-C40)	12.00	27662758	47.211 ppm
4) H TPH (Mineral Spirits)	0.00	0	N.D. ppm
5) H TPH (Kerosene)	0.00	0	N.D. ppm
6) H,M TPH (Diesel)	6.00	14518730	15.140 ppm
7) H TPH (Motor Oil)	12.00	27662758	47.394 ppm

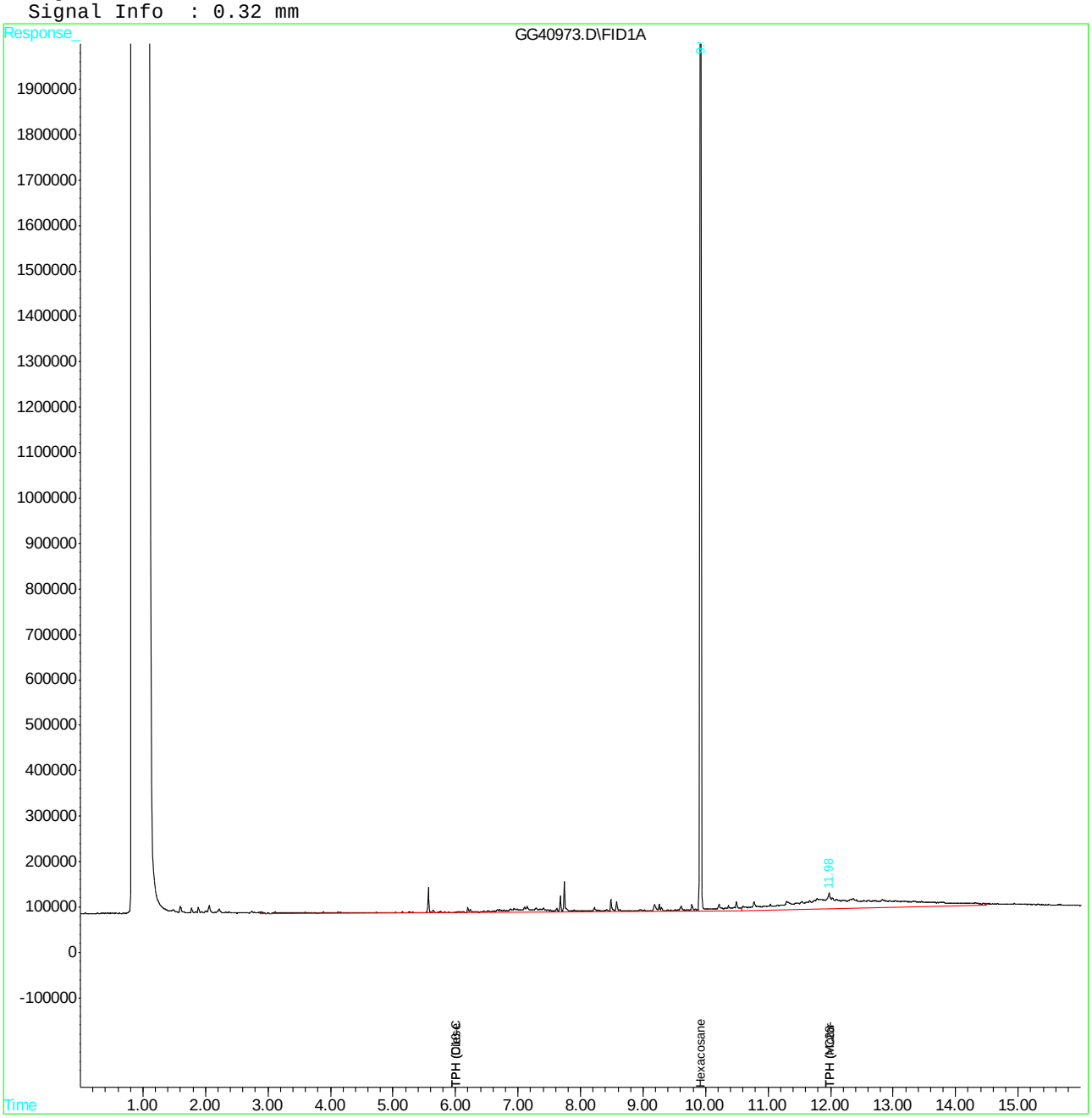
(f)=RT Delta > 1/2 Window (m)=manual int.
GG40973.D GGG1081.M Wed Jan 30 11:13:24 2013 Page 1

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\D#2\DATA\GGG1084\GG40973.D Vial: 19
Acq On : 1-29-13 2:52:16 PM Operator: LAURAB
Sample : C25941-7 Inst : Diesel #2
Misc : OP7406,GGG1084,10.02,,,1,1,S Multiplr: 1.00
IntFile : autoint1.e
Quant Time: Jan 30 11:13 2013 Quant Results File: GGG1081.RES

Quant Method : C:\HPCHEM\D#2\METHODS\GGG1081.M (Chemstation Integrator)
Title : DRO calibration: Back column
Last Update : Fri Jan 25 11:26:09 2013
Response via : Multiple Level Calibration
DataAcq Meth : ACQ_GG1.M

Volume Inj. : 1.0 uL
Signal Phase : HP-5
Signal Info : 0.32 mm



Manual Integrations APPROVED
(compounds with "m" flag)
Mai Tran
01/30/13 17:28

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\D#2\DATA\GGG1084\GG40974.D Vial: 20
Acq On : 1-29-13 3:14:05 PM Operator: LAURAB
Sample : C25941-8 Inst : Diesel #2
Misc : OP7406,GGG1084,10.10,,,1,1,S Multiplr: 1.00
IntFile : autoint1.e
Quant Time: Jan 30 11:14 2013 Quant Results File: GGG1081.RES

Quant Method : C:\HPCHEM\D#2\METHODS\GGG1081.M (Chemstation Integrator)
Title : DRO calibration: Back column
Last Update : Fri Jan 25 11:26:09 2013
Response via : Initial Calibration
DataAcq Meth : ACQ_GG1.M

Volume Inj. : 1.0 uL
Signal Phase : HP-5
Signal Info : 0.32 mm

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S,M Hexacosane	9.92	53449170	63.223 ppm m
Spiked Amount 100.000		Recovery =	63.22%
Target Compounds			
2) H,M TPH (C10-C28)	6.00	16274200	16.995 ppm
3) H TPH (>C28-C40)	12.00	25211167	43.027 ppm
4) H TPH (Mineral Spirits)	0.00	0	N.D. ppm
5) H TPH (Kerosene)	0.00	0	N.D. ppm
6) H,M TPH (Diesel)	6.00	16274200	16.971 ppm
7) H TPH (Motor Oil)	12.00	25211167	43.194 ppm

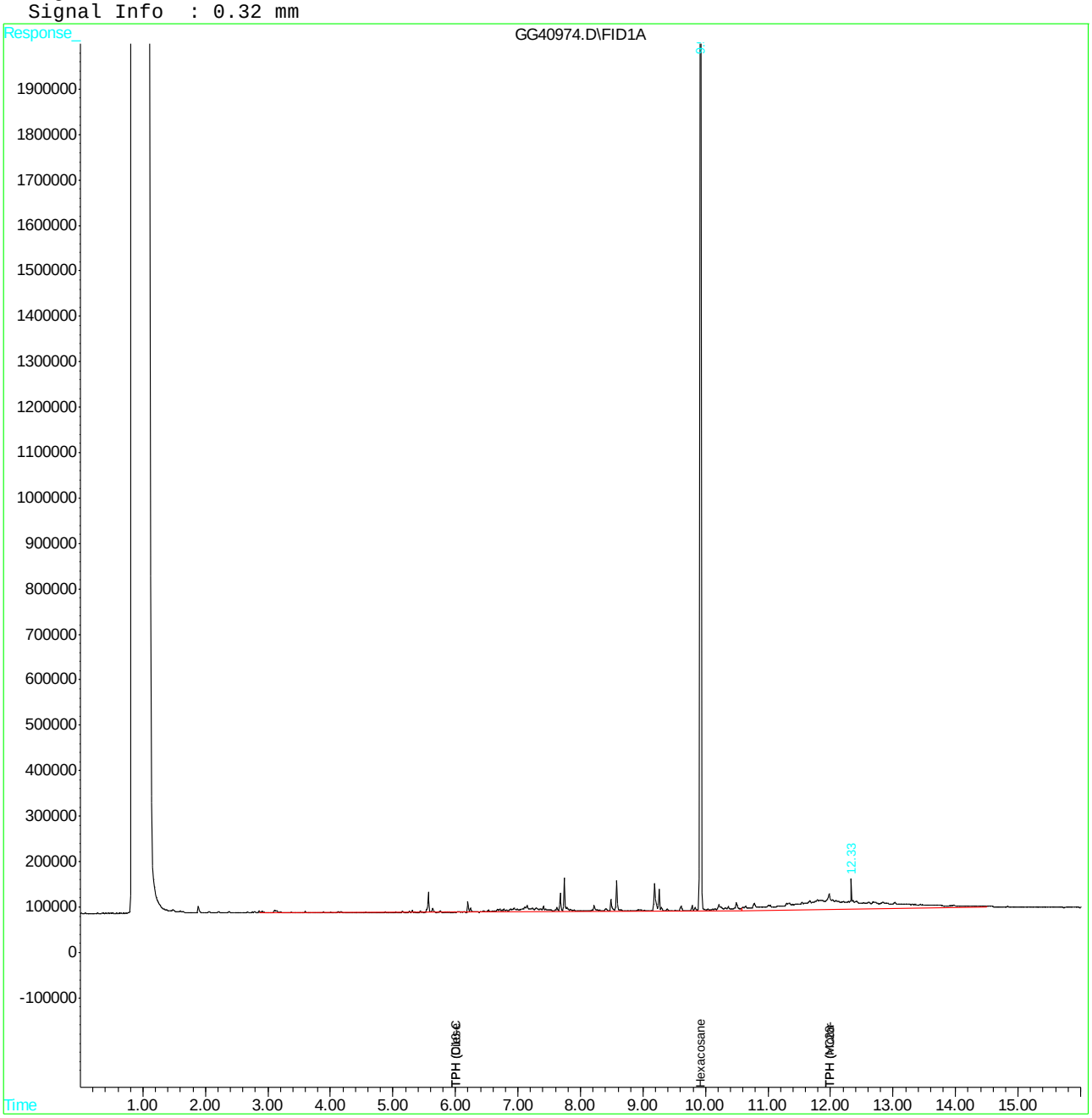
(f)=RT Delta > 1/2 Window (m)=manual int.
GG40974.D GGG1081.M Wed Jan 30 11:14:23 2013 Page 1

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\D#2\DATA\GGG1084\GG40974.D Vial: 20
Acq On : 1-29-13 3:14:05 PM Operator: LAURAB
Sample : C25941-8 Inst : Diesel #2
Misc : OP7406,GGG1084,10.10,,,1,1,S Multiplr: 1.00
IntFile : autoint1.e
Quant Time: Jan 30 11:14 2013 Quant Results File: GGG1081.RES

Quant Method : C:\HPCHEM\D#2\METHODS\GGG1081.M (Chemstation Integrator)
Title : DRO calibration: Back column
Last Update : Fri Jan 25 11:26:09 2013
Response via : Multiple Level Calibration
DataAcq Meth : ACQ_GG1.M

Volume Inj. : 1.0 uL
Signal Phase : HP-5
Signal Info : 0.32 mm



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\D#2\DATA\GGG1084\GG40975.D Vial: 21
Acq On : 1-29-13 3:35:57 PM Operator: LAURAB
Sample : C25941-9 Inst : Diesel #2
Misc : OP7406,GGG1084,10.03,,,1,3,S Multiplr: 1.00
IntFile : autoint1.e
Quant Time: Jan 30 11:28 2013 Quant Results File: GGG1081.RES

Quant Method : C:\HPCHEM\D#2\METHODS\GGG1081.M (Chemstation Integrator)
Title : DRO calibration: Back column
Last Update : Fri Jan 25 11:26:09 2013
Response via : Initial Calibration
DataAcq Meth : ACQ_GG1.M

Volume Inj. : 1.0 uL
Signal Phase : HP-5
Signal Info : 0.32 mm

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S,M Hexacosane	9.92	19757042	23.370 ppm
Spiked Amount 100.000		Recovery =	23.37%
Target Compounds			
2) H,M TPH (C10-C28)	6.00	278931384	291.289 ppm
3) H TPH (>C28-C40)	12.00	315847302	539.041 ppm
4) H TPH (Mineral Spirits)	0.00	0	N.D. ppm
5) H TPH (Kerosene)	0.00	0	N.D. ppm
6) H,M TPH (Diesel)	6.00	223423507	232.985 ppm
7) H TPH (Motor Oil)	12.00	356495888	610.777 ppm

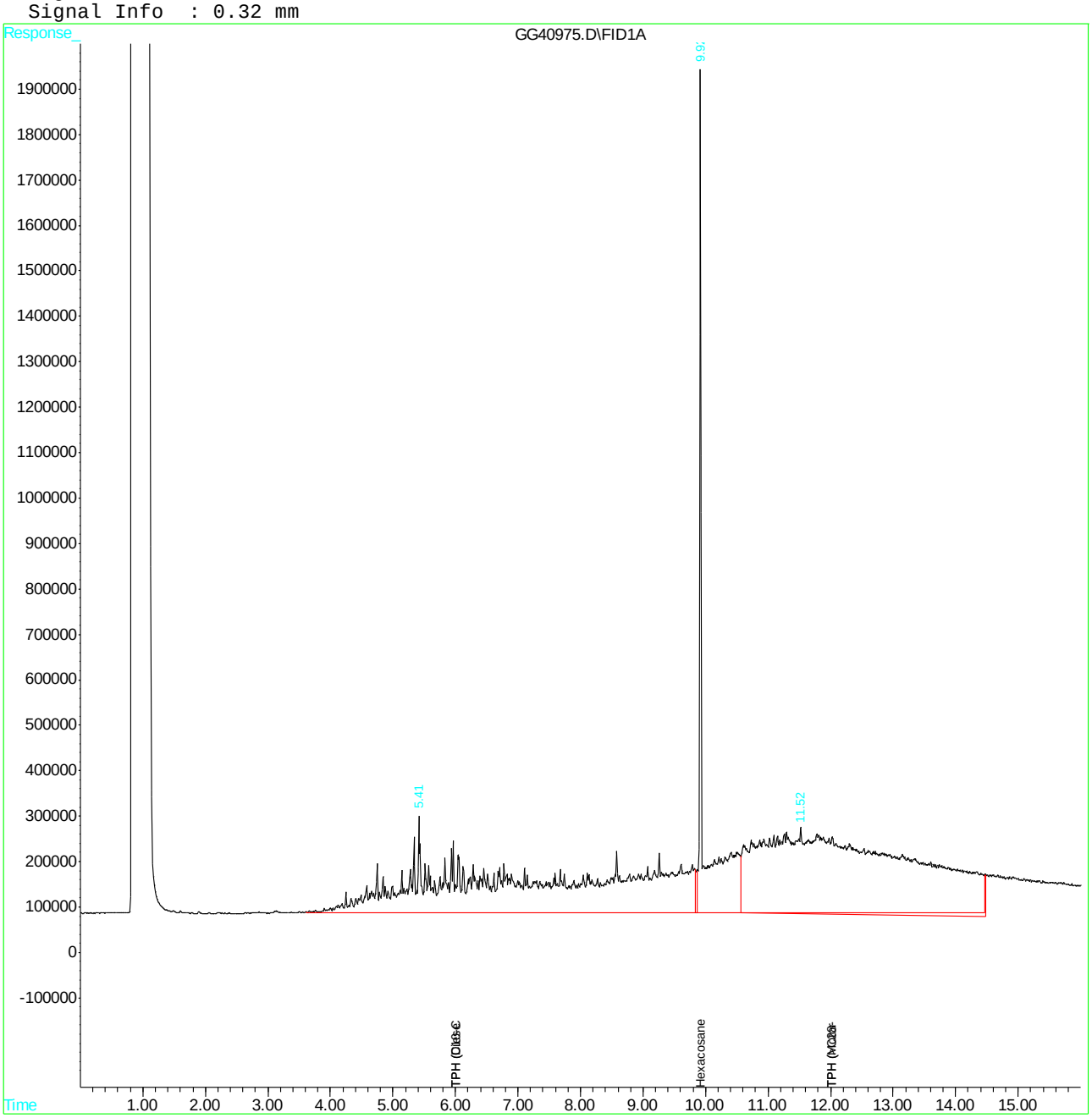
(f)=RT Delta > 1/2 Window (m)=manual int.
GG40975.D GGG1081.M Wed Jan 30 11:28:45 2013 Page 1

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\D#2\DATA\GGG1084\GG40975.D Vial: 21
Acq On : 1-29-13 3:35:57 PM Operator: LAURAB
Sample : C25941-9 Inst : Diesel #2
Misc : OP7406,GGG1084,10.03,,,1,3,S Multiplr: 1.00
IntFile : autoint1.e
Quant Time: Jan 30 11:28 2013 Quant Results File: GGG1081.RES

Quant Method : C:\HPCHEM\D#2\METHODS\GGG1081.M (Chemstation Integrator)
Title : DRO calibration: Back column
Last Update : Fri Jan 25 11:26:09 2013
Response via : Multiple Level Calibration
DataAcq Meth : ACQ_GG1.M

Volume Inj. : 1.0 uL
Signal Phase : HP-5
Signal Info : 0.32 mm



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\D#2\DATA\GGG1084\GG40979.D Vial: 24
Acq On : 1-29-13 5:03:28 PM Operator: LAURAB
Sample : C25941-10 Inst : Diesel #2
Misc : OP7406,GGG1084,10.09,,,1,1,S Multiplr: 1.00
IntFile : autoint1.e
Quant Time: Jan 30 11:37 2013 Quant Results File: GGG1081.RES

Quant Method : C:\HPCHEM\D#2\METHODS\GGG1081.M (Chemstation Integrator)
Title : DRO calibration: Back column
Last Update : Fri Jan 25 11:26:09 2013
Response via : Initial Calibration
DataAcq Meth : ACQ_GG1.M

Volume Inj. : 1.0 uL
Signal Phase : HP-5
Signal Info : 0.32 mm

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S,M Hexacosane	9.92	68027291	80.467 ppm
Spiked Amount 100.000		Recovery =	80.47%
Target Compounds			
2) H,M TPH (C10-C28)	6.00	86564776	90.400 ppm
3) H TPH (>C28-C40)	12.00	250900818	428.200 ppm
4) H TPH (Mineral Spirits)	0.00	0	N.D. ppm
5) H TPH (Kerosene)	0.00	0	N.D. ppm
6) H,M TPH (Diesel)	0.00	0	N.D. ppm
7) H TPH (Motor Oil)	12.00	327257804	560.684 ppm

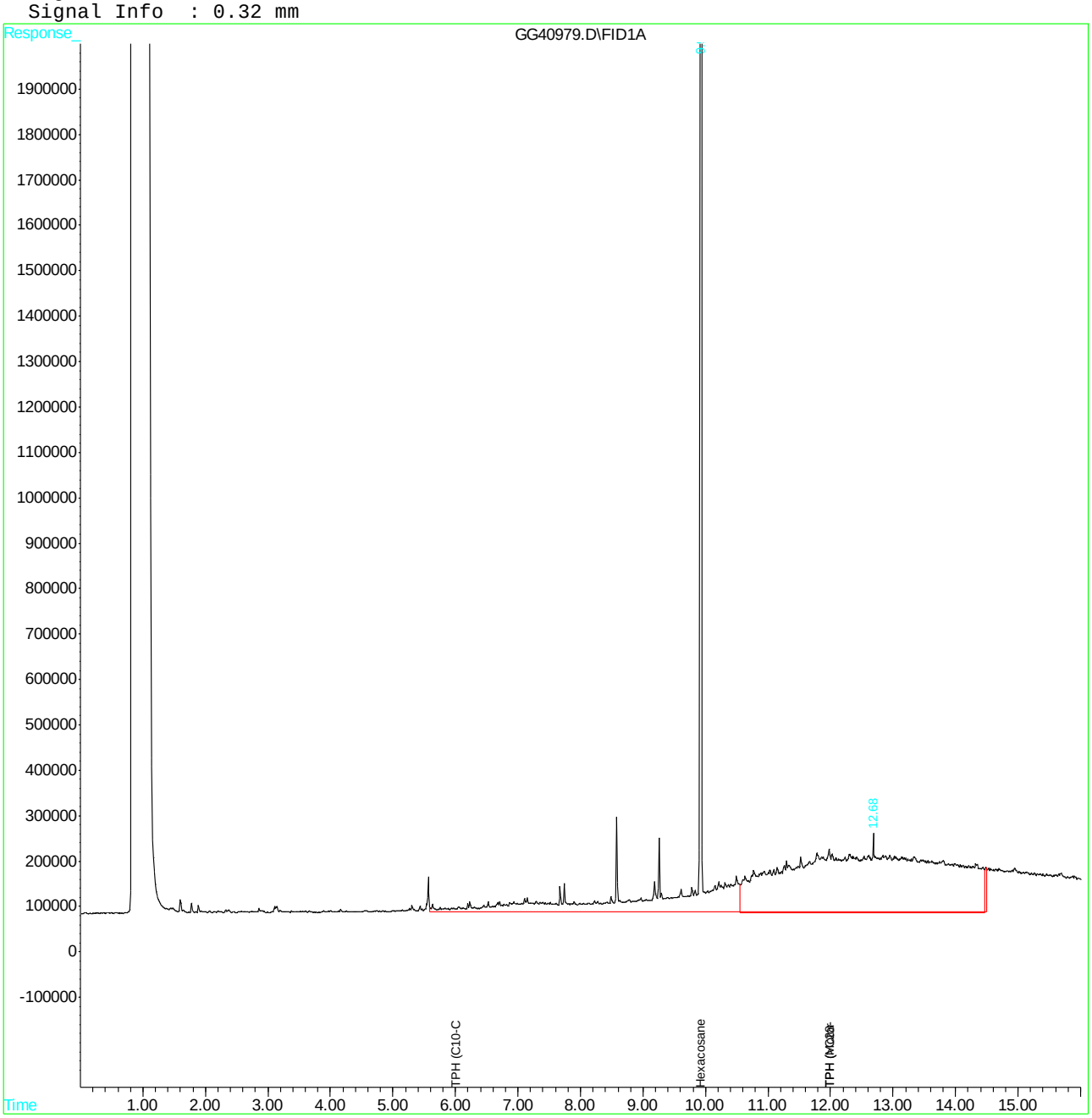
(f)=RT Delta > 1/2 Window (m)=manual int.
GG40979.D GGG1081.M Wed Jan 30 11:37:17 2013 Page 1

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\D#2\DATA\GGG1084\GG40979.D Vial: 24
Acq On : 1-29-13 5:03:28 PM Operator: LAURAB
Sample : C25941-10 Inst : Diesel #2
Misc : OP7406,GGG1084,10.09,,,1,1,S Multiplr: 1.00
IntFile : autoint1.e
Quant Time: Jan 30 11:37 2013 Quant Results File: GGG1081.RES

Quant Method : C:\HPCHEM\D#2\METHODS\GGG1081.M (Chemstation Integrator)
Title : DRO calibration: Back column
Last Update : Fri Jan 25 11:26:09 2013
Response via : Multiple Level Calibration
DataAcq Meth : ACQ_GG1.M

Volume Inj. : 1.0 uL
Signal Phase : HP-5
Signal Info : 0.32 mm



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\D#2\DATA\GGG1084\GG40980.D Vial: 25
Acq On : 1-29-13 5:25:24 PM Operator: LAURAB
Sample : C25941-11 Inst : Diesel #2
Misc : OP7406,GGG1084,10.01,,,1,1,S Multiplr: 1.00
IntFile : autoint1.e
Quant Time: Jan 30 11:40 2013 Quant Results File: GGG1081.RES

Quant Method : C:\HPCHEM\D#2\METHODS\GGG1081.M (Chemstation Integrator)
Title : DRO calibration: Back column
Last Update : Fri Jan 25 11:26:09 2013
Response via : Initial Calibration
DataAcq Meth : ACQ_GG1.M

Volume Inj. : 1.0 uL
Signal Phase : HP-5
Signal Info : 0.32 mm

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S,M Hexacosane	9.92	64351813	76.119 ppm
Spiked Amount 100.000		Recovery =	76.12%
Target Compounds			
2) H,M TPH (C10-C28)	6.00	34229540	35.746 ppm
3) H TPH (>C28-C40)	12.00	145600242	248.489 ppm
4) H TPH (Mineral Spirits)	0.00	0	N.D. ppm
5) H TPH (Kerosene)	0.00	0	N.D. ppm
6) H,M TPH (Diesel)	0.00	0	N.D. ppm
7) H TPH (Motor Oil)	12.00	176581548	302.533 ppm

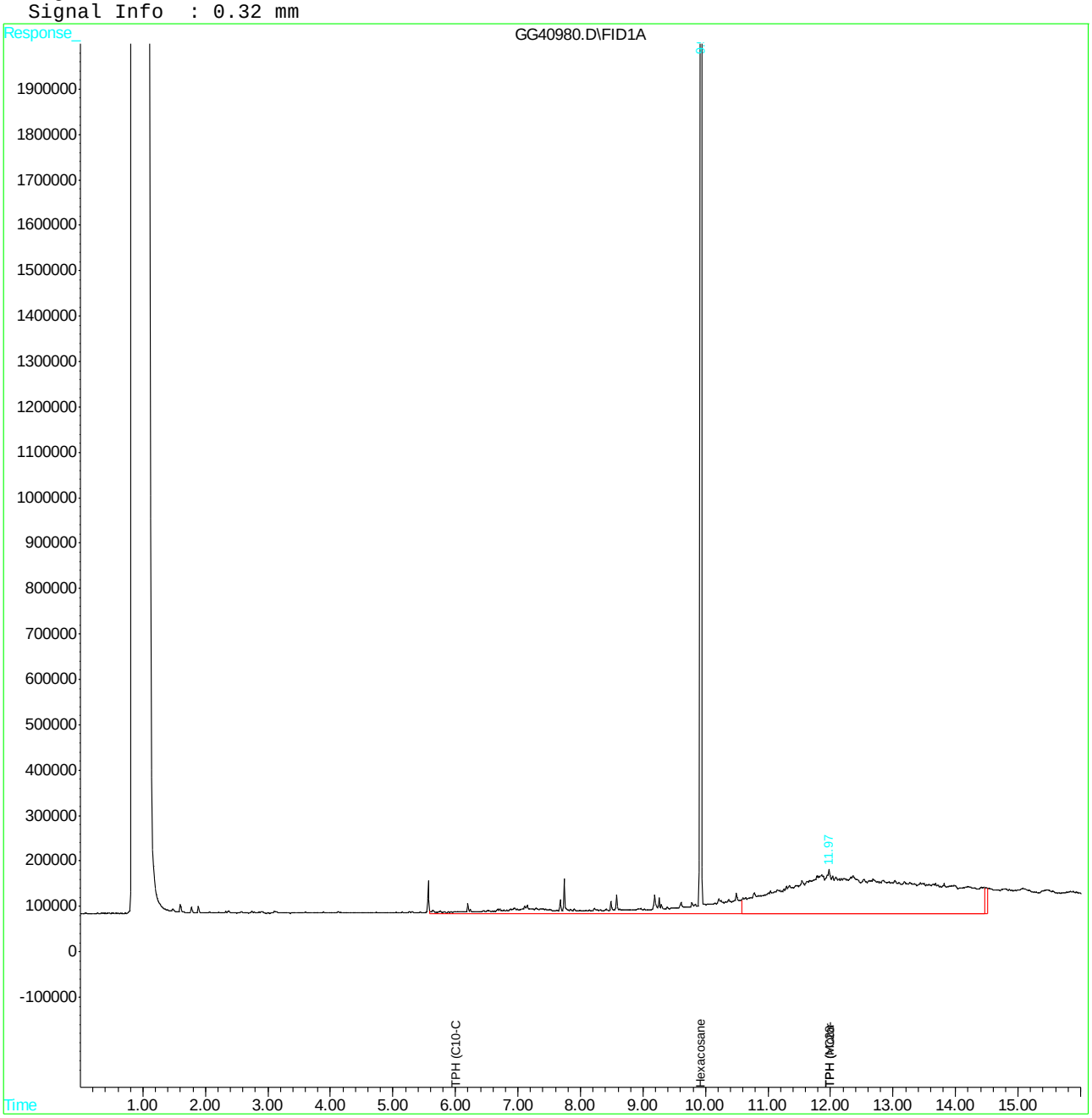
(f)=RT Delta > 1/2 Window (m)=manual int.
GG40980.D GGG1081.M Wed Jan 30 11:41:03 2013 Page 1

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\D#2\DATA\GGG1084\GG40980.D Vial: 25
Acq On : 1-29-13 5:25:24 PM Operator: LAURAB
Sample : C25941-11 Inst : Diesel #2
Misc : OP7406,GGG1084,10.01,,,1,1,S Multiplr: 1.00
IntFile : autoint1.e
Quant Time: Jan 30 11:40 2013 Quant Results File: GGG1081.RES

Quant Method : C:\HPCHEM\D#2\METHODS\GGG1081.M (Chemstation Integrator)
Title : DRO calibration: Back column
Last Update : Fri Jan 25 11:26:09 2013
Response via : Multiple Level Calibration
DataAcq Meth : ACQ_GG1.M

Volume Inj. : 1.0 uL
Signal Phase : HP-5
Signal Info : 0.32 mm



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\D#2\DATA\GGG1084\GG40981.D Vial: 26
Acq On : 1-29-13 5:47:19 PM Operator: LAURAB
Sample : C25941-12 Inst : Diesel #2
Misc : OP7406,GGG1084,10.09,,,1,1,S Multiplr: 1.00
IntFile : autoint1.e
Quant Time: Jan 30 11:47 2013 Quant Results File: GGG1081.RES

Quant Method : C:\HPCHEM\D#2\METHODS\GGG1081.M (Chemstation Integrator)
Title : DRO calibration: Back column
Last Update : Fri Jan 25 11:26:09 2013
Response via : Initial Calibration
DataAcq Meth : ACQ_GG1.M

Volume Inj. : 1.0 uL
Signal Phase : HP-5
Signal Info : 0.32 mm

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S,M Hexacosane	9.92	63813062	75.482 ppm
Spiked Amount 100.000		Recovery =	75.48%
Target Compounds			
2) H,M TPH (C10-C28)	6.00	28194603	29.444 ppm
3) H TPH (>C28-C40)	12.00	84018604	143.390 ppm
4) H TPH (Mineral Spirits)	0.00	0	N.D. ppm
5) H TPH (Kerosene)	0.00	0	N.D. ppm
6) H,M TPH (Diesel)	0.00	0	N.D. ppm
7) H TPH (Motor Oil)	12.00	108236543	185.439 ppm

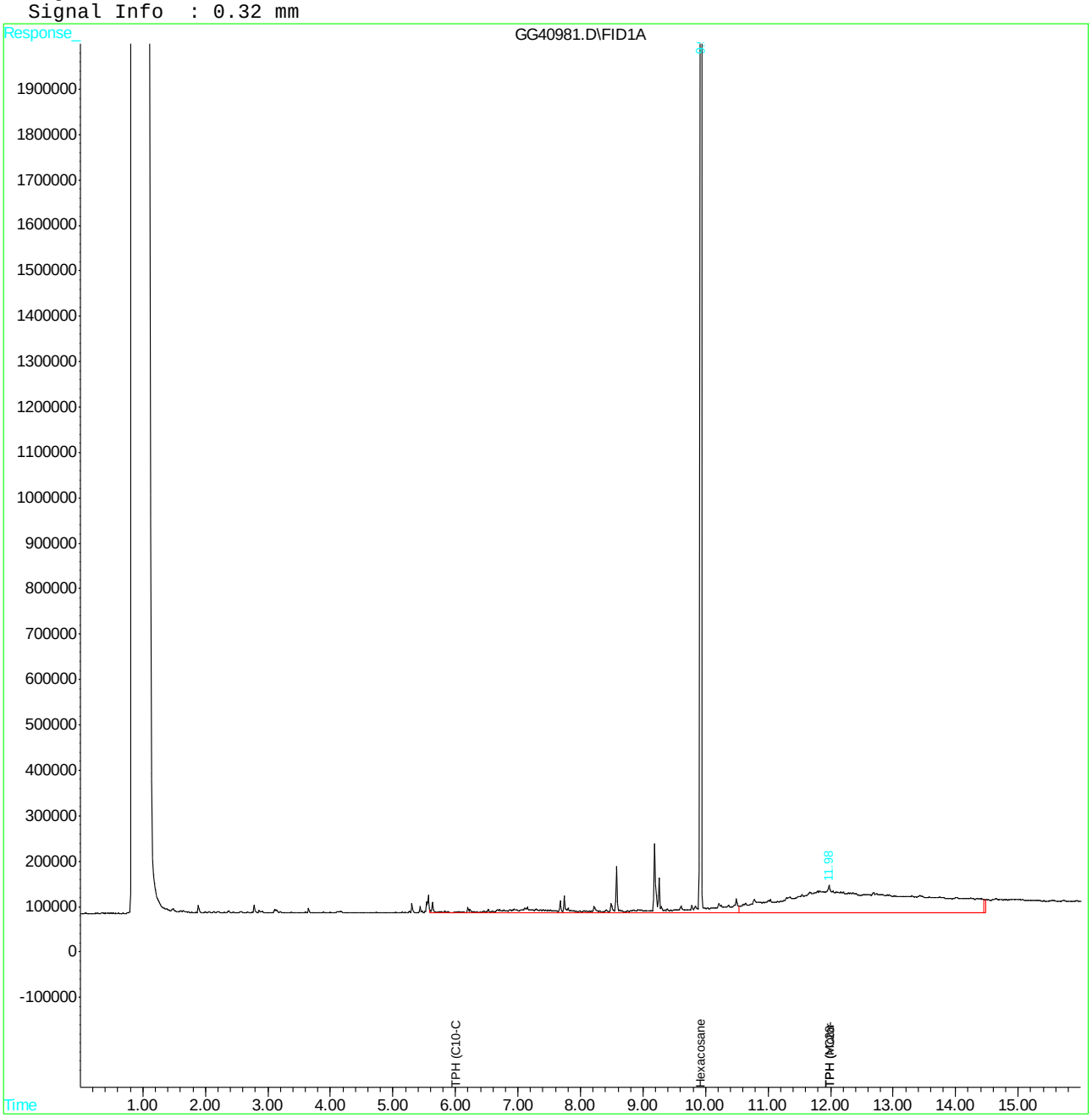
(f)=RT Delta > 1/2 Window (m)=manual int.
GG40981.D GGG1081.M Wed Jan 30 11:47:41 2013 Page 1

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\D#2\DATA\GGG1084\GG40981.D Vial: 26
Acq On : 1-29-13 5:47:19 PM Operator: LAURAB
Sample : C25941-12 Inst : Diesel #2
Misc : OP7406,GGG1084,10.09,,,1,1,S Multiplr: 1.00
IntFile : autoint1.e
Quant Time: Jan 30 11:47 2013 Quant Results File: GGG1081.RES

Quant Method : C:\HPCHEM\D#2\METHODS\GGG1081.M (Chemstation Integrator)
Title : DRO calibration: Back column
Last Update : Fri Jan 25 11:26:09 2013
Response via : Multiple Level Calibration
DataAcq Meth : ACQ_GG1.M

Volume Inj. : 1.0 uL
Signal Phase : HP-5
Signal Info : 0.32 mm



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\D#2\DATA\GGG1084\GG40982.D Vial: 27
Acq On : 1-29-13 6:09:12 PM Operator: LAURAB
Sample : C25941-13 Inst : Diesel #2
Misc : OP7406,GGG1084,10.07,,,1,1,S Multiplr: 1.00
IntFile : autoint1.e
Quant Time: Jan 30 11:49 2013 Quant Results File: GGG1081.RES

Quant Method : C:\HPCHEM\D#2\METHODS\GGG1081.M (Chemstation Integrator)
Title : DRO calibration: Back column
Last Update : Fri Jan 25 11:26:09 2013
Response via : Initial Calibration
DataAcq Meth : ACQ_GG1.M

Volume Inj. : 1.0 uL
Signal Phase : HP-5
Signal Info : 0.32 mm

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S,M Hexacosane	9.92	59033530	69.828 ppm
Spiked Amount 100.000		Recovery =	69.83%
Target Compounds			
2) H,M TPH (C10-C28)	6.00	21074214	22.008 ppm
3) H TPH (>C28-C40)	12.00	46346862	79.098 ppm
4) H TPH (Mineral Spirits)	0.00	0	N.D. ppm
5) H TPH (Kerosene)	0.00	0	N.D. ppm
6) H,M TPH (Diesel)	6.00	21074214	21.976 ppm
7) H TPH (Motor Oil)	12.00	46346862	79.405 ppm

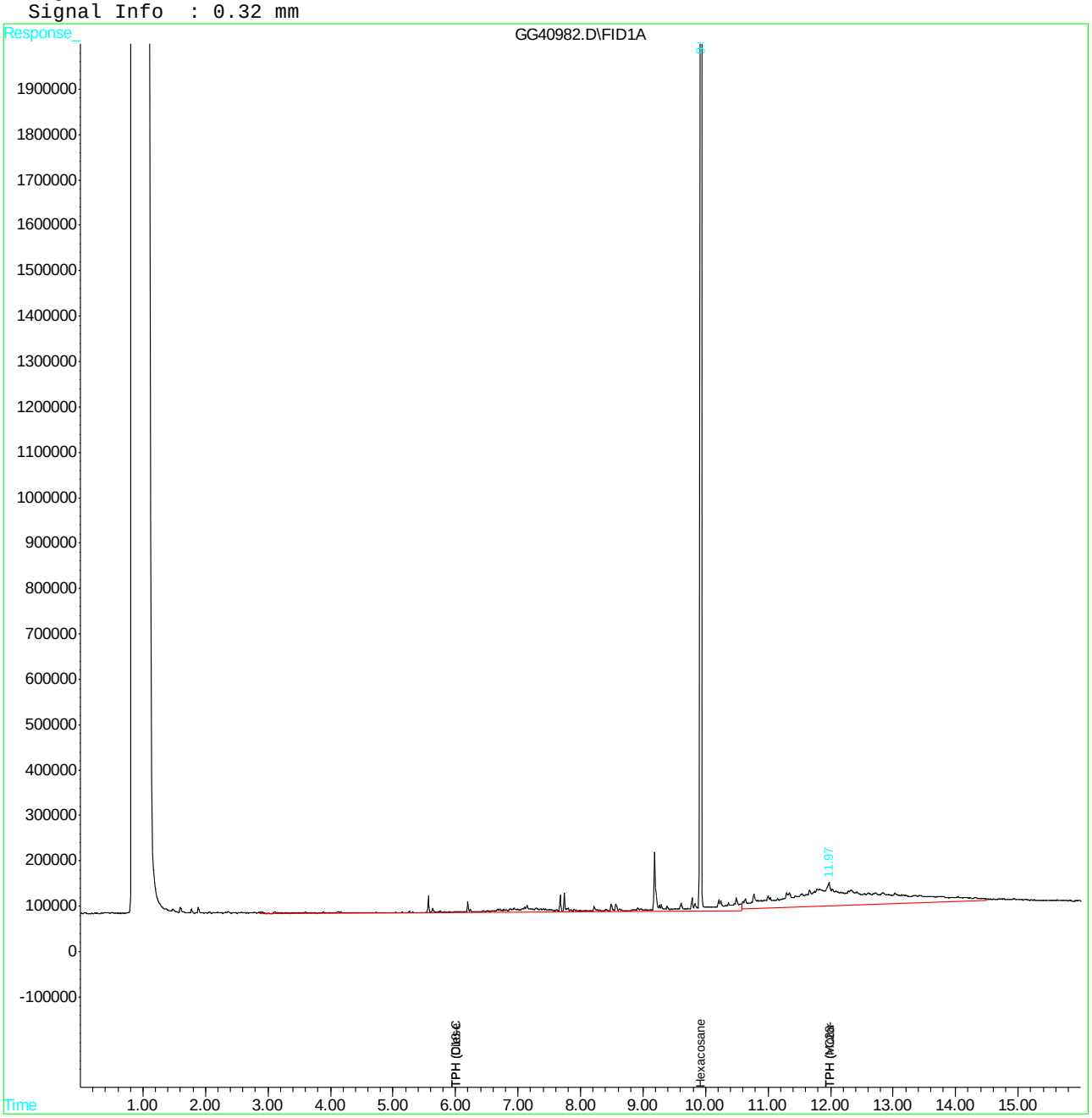
(f)=RT Delta > 1/2 Window (m)=manual int.
GG40982.D GGG1081.M Wed Jan 30 11:49:48 2013 Page 1

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\D#2\DATA\GGG1084\GG40982.D Vial: 27
Acq On : 1-29-13 6:09:12 PM Operator: LAURAB
Sample : C25941-13 Inst : Diesel #2
Misc : OP7406,GGG1084,10.07,,,1,1,S Multiplr: 1.00
IntFile : autoint1.e
Quant Time: Jan 30 11:49 2013 Quant Results File: GGG1081.RES

Quant Method : C:\HPCHEM\D#2\METHODS\GGG1081.M (Chemstation Integrator)
Title : DRO calibration: Back column
Last Update : Fri Jan 25 11:26:09 2013
Response via : Multiple Level Calibration
DataAcq Meth : ACQ_GG1.M

Volume Inj. : 1.0 uL
Signal Phase : HP-5
Signal Info : 0.32 mm



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\D#2\DATA\GGG1084\GG40983.D Vial: 28
Acq On : 1-29-13 6:31:09 PM Operator: LAURAB
Sample : C25941-14 Inst : Diesel #2
Misc : OP7406,GGG1084,10.00,,,1,1,S Multiplr: 1.00
IntFile : autoint1.e
Quant Time: Jan 30 12:01 2013 Quant Results File: GGG1081.RES

Quant Method : C:\HPCHEM\D#2\METHODS\GGG1081.M (Chemstation Integrator)
Title : DRO calibration: Back column
Last Update : Fri Jan 25 11:26:09 2013
Response via : Initial Calibration
DataAcq Meth : ACQ_GG1.M

Volume Inj. : 1.0 uL
Signal Phase : HP-5
Signal Info : 0.32 mm

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S,M Hexacosane	9.92	59590013	70.487 ppm
Spiked Amount 100.000		Recovery =	70.49%
Target Compounds			
2) H,M TPH (C10-C28)	6.00	48827054	50.990 ppm
3) H TPH (>C28-C40)	12.00	99230604	169.352 ppm
4) H TPH (Mineral Spirits)	0.00	0	N.D. ppm
5) H TPH (Kerosene)	0.00	0	N.D. ppm
6) H,M TPH (Diesel)	0.00	0	N.D. ppm
7) H TPH (Motor Oil)	12.00	131596806	225.462 ppm

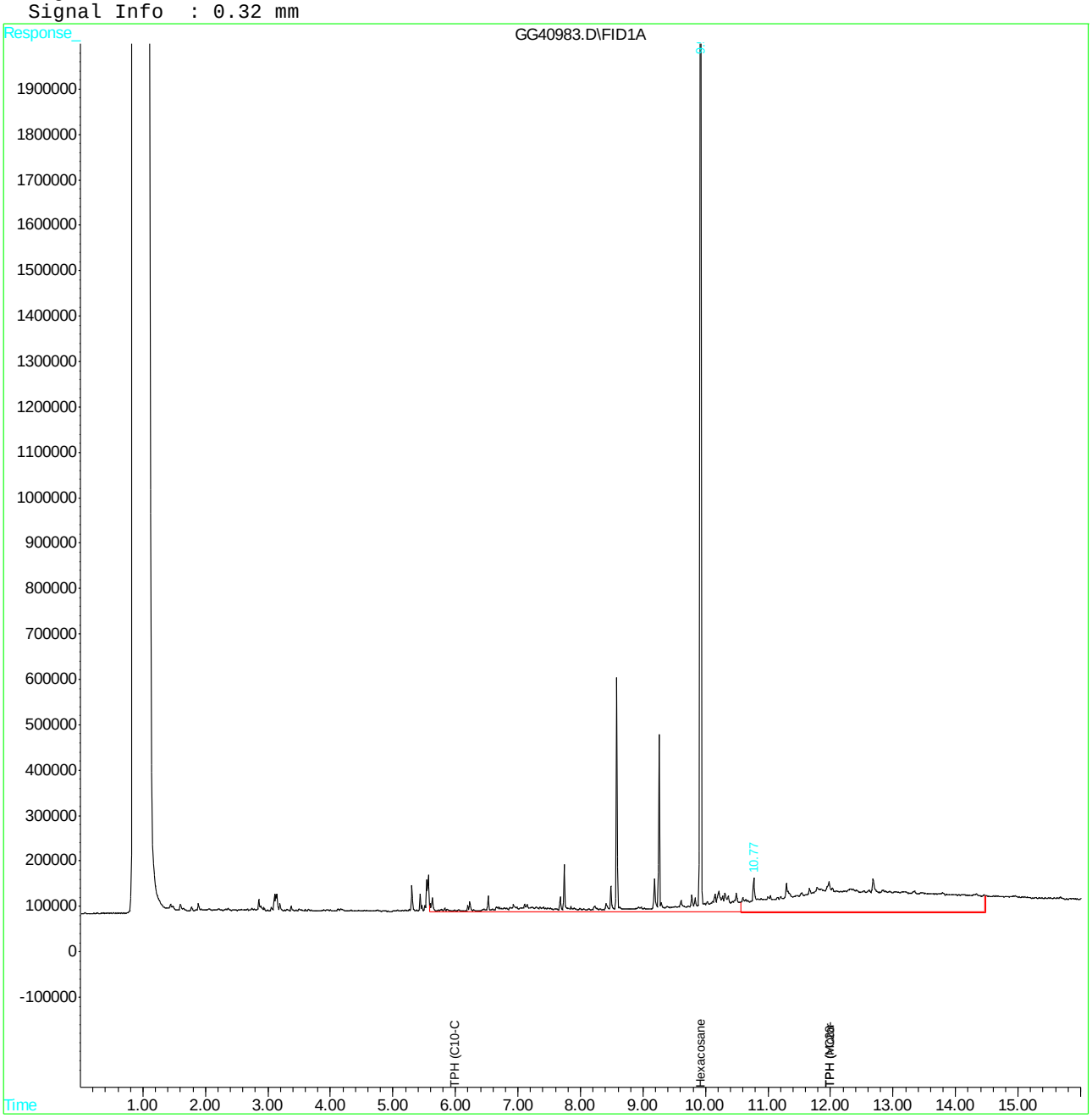
(f)=RT Delta > 1/2 Window (m)=manual int.
GG40983.D GGG1081.M Wed Jan 30 12:01:46 2013 Page 1

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\D#2\DATA\GGG1084\GG40983.D Vial: 28
Acq On : 1-29-13 6:31:09 PM Operator: LAURAB
Sample : C25941-14 Inst : Diesel #2
Misc : OP7406,GGG1084,10.00,,,1,1,S Multiplr: 1.00
IntFile : autoint1.e
Quant Time: Jan 30 12:01 2013 Quant Results File: GGG1081.RES

Quant Method : C:\HPCHEM\D#2\METHODS\GGG1081.M (Chemstation Integrator)
Title : DRO calibration: Back column
Last Update : Fri Jan 25 11:26:09 2013
Response via : Multiple Level Calibration
DataAcq Meth : ACQ_GG1.M

Volume Inj. : 1.0 uL
Signal Phase : HP-5
Signal Info : 0.32 mm



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\D#2\DATA\GGG1084\GG40984.D Vial: 29
Acq On : 1-29-13 6:52:54 PM Operator: LAURAB
Sample : C25941-15 Inst : Diesel #2
Misc : OP7406,GGG1084,10.06,,,1,1,S Multiplr: 1.00
IntFile : autoint1.e
Quant Time: Jan 30 12:03 2013 Quant Results File: GGG1081.RES

Quant Method : C:\HPCHEM\D#2\METHODS\GGG1081.M (Chemstation Integrator)
Title : DRO calibration: Back column
Last Update : Fri Jan 25 11:26:09 2013
Response via : Initial Calibration
DataAcq Meth : ACQ_GG1.M

Volume Inj. : 1.0 uL
Signal Phase : HP-5
Signal Info : 0.32 mm

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S,M Hexacosane	9.92	48079077	56.871 ppm
Spiked Amount 100.000		Recovery =	56.87%
Target Compounds			
2) H,M TPH (C10-C28)	6.00	43950343	45.898 ppm
3) H TPH (>C28-C40)	12.00	74919534	127.861 ppm
4) H TPH (Mineral Spirits)	0.00	0	N.D. ppm
5) H TPH (Kerosene)	0.00	0	N.D. ppm
6) H,M TPH (Diesel)	0.00	0	N.D. ppm
7) H TPH (Motor Oil)	12.00	105083699	180.038 ppm

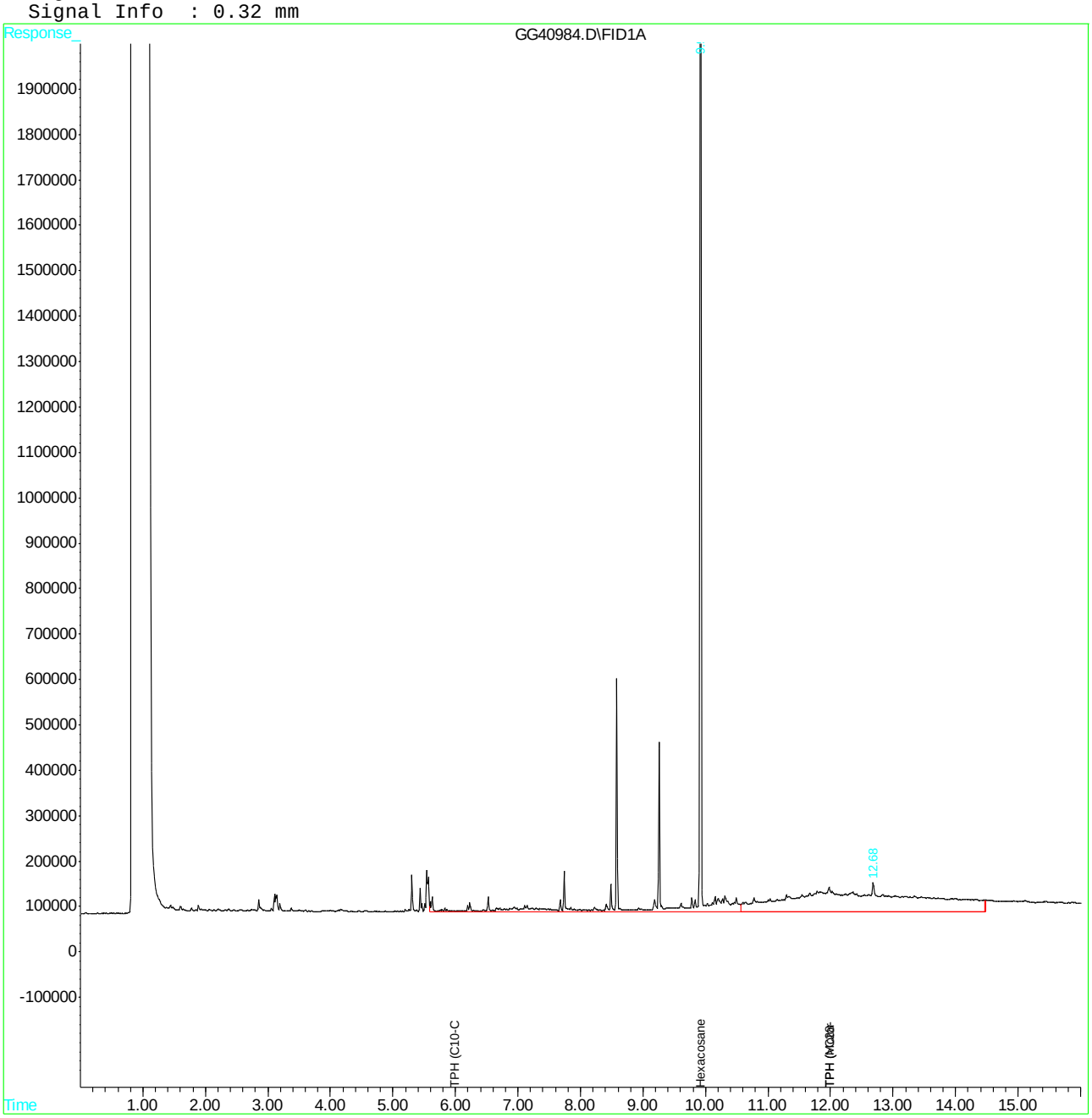
(f)=RT Delta > 1/2 Window (m)=manual int.
GG40984.D GGG1081.M Wed Jan 30 12:03:47 2013 Page 1

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\D#2\DATA\GGG1084\GG40984.D Vial: 29
Acq On : 1-29-13 6:52:54 PM Operator: LAURAB
Sample : C25941-15 Inst : Diesel #2
Misc : OP7406,GGG1084,10.06,,,1,1,S Multiplr: 1.00
IntFile : autoint1.e
Quant Time: Jan 30 12:03 2013 Quant Results File: GGG1081.RES

Quant Method : C:\HPCHEM\D#2\METHODS\GGG1081.M (Chemstation Integrator)
Title : DRO calibration: Back column
Last Update : Fri Jan 25 11:26:09 2013
Response via : Multiple Level Calibration
DataAcq Meth : ACQ_GG1.M

Volume Inj. : 1.0 uL
Signal Phase : HP-5
Signal Info : 0.32 mm



Manual Integrations APPROVED (compounds with "m" flag)
Mai Tran
01/30/13 17:28

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\D#2\DATA\GGG1084\GG40985.D Vial: 30
Acq On : 1-29-13 7:14:53 PM Operator: LAURAB
Sample : C25941-16 Inst : Diesel #2
Misc : OP7406,GGG1084,10.05,,,1,1,S Multiplr: 1.00
IntFile : autoint1.e
Quant Time: Jan 30 11:57 2013 Quant Results File: GGG1081.RES

Quant Method : C:\HPCHEM\D#2\METHODS\GGG1081.M (Chemstation Integrator)
Title : DRO calibration: Back column
Last Update : Fri Jan 25 11:26:09 2013
Response via : Initial Calibration
DataAcq Meth : ACQ_GG1.M

Volume Inj. : 1.0 uL
Signal Phase : HP-5
Signal Info : 0.32 mm

Compound	R.T.	Response	Conc	Units	
System Monitoring Compounds					
1) S,M Hexacosane	9.92	60517318	71.584	ppm	m
Spiked Amount 100.000		Recovery = 71.58%			
Target Compounds					
2) H,M TPH (C10-C28)	6.00	31622349	33.023	ppm	
3) H TPH (>C28-C40)	12.00	63996661	109.220	ppm	
4) H TPH (Mineral Spirits)	0.00	0	N.D.	ppm	
5) H TPH (Kerosene)	0.00	0	N.D.	ppm	
6) H,M TPH (Diesel)	0.00	0	N.D.	ppm	
7) H TPH (Motor Oil)	12.00	92287431	158.114	ppm	

10.1.16 10

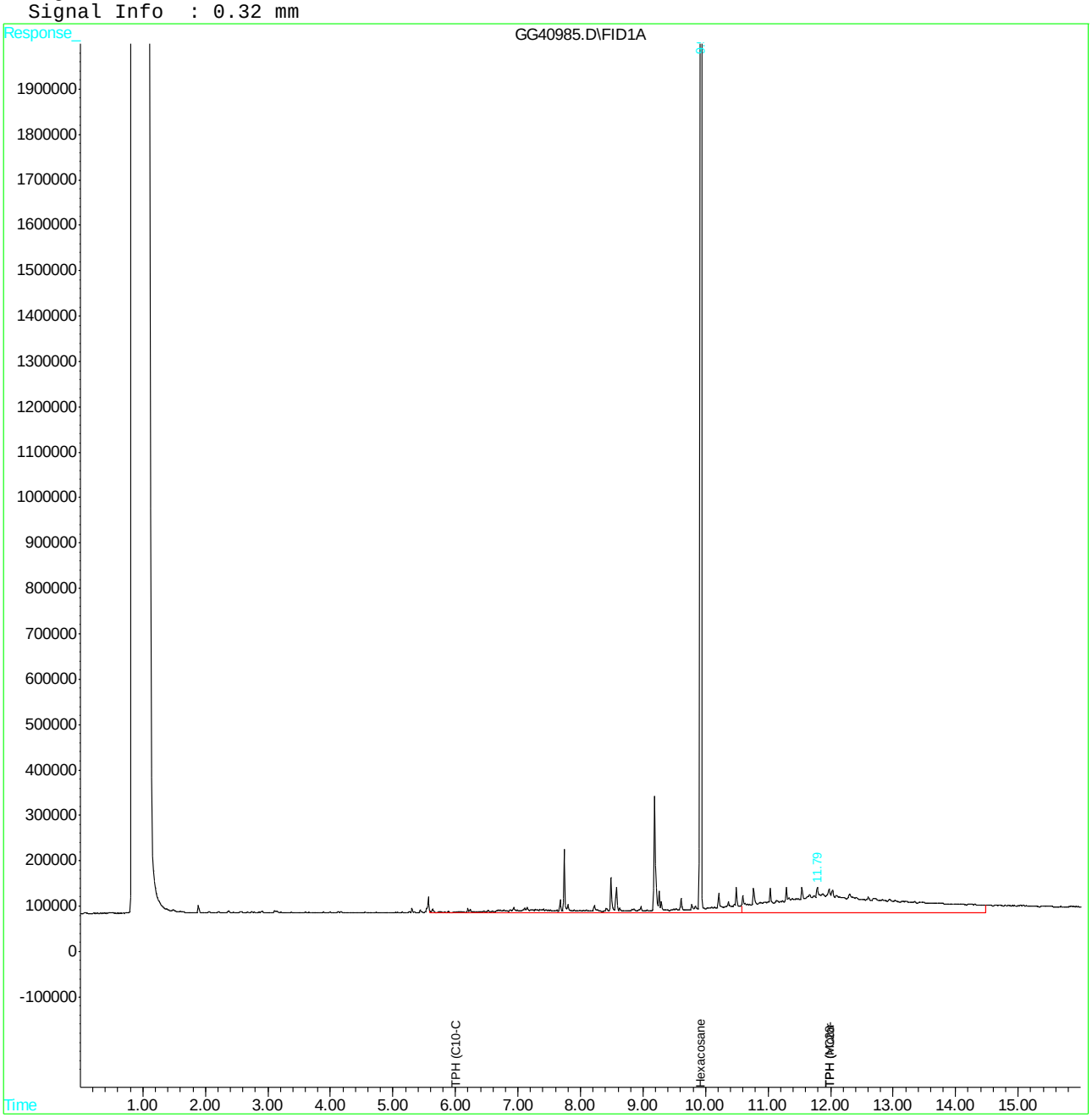
(f)=RT Delta > 1/2 Window (m)=manual int.
GG40985.D GGG1081.M Wed Jan 30 11:58:21 2013 Page 1

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\D#2\DATA\GGG1084\GG40985.D Vial: 30
Acq On : 1-29-13 7:14:53 PM Operator: LAURAB
Sample : C25941-16 Inst : Diesel #2
Misc : OP7406,GGG1084,10.05,,,1,1,S Multiplr: 1.00
IntFile : autoint1.e
Quant Time: Jan 30 11:57 2013 Quant Results File: GGG1081.RES

Quant Method : C:\HPCHEM\D#2\METHODS\GGG1081.M (Chemstation Integrator)
Title : DRO calibration: Back column
Last Update : Fri Jan 25 11:26:09 2013
Response via : Multiple Level Calibration
DataAcq Meth : ACQ_GG1.M

Volume Inj. : 1.0 uL
Signal Phase : HP-5
Signal Info : 0.32 mm



Manual Integrations APPROVED (compounds with "m" flag)
Mai Tran
01/30/13 17:28

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\D#2\DATA\GGG1084\GG40990.D Vial: 34
Acq On : 1-29-13 9:04:25 PM Operator: LAURAB
Sample : C25941-17 Inst : Diesel #2
Misc : OP7406,GGG1084,10.12,,,1,3,S Multiplr: 1.00
IntFile : autoint1.e
Quant Time: Jan 30 10:31 2013 Quant Results File: GGG1081.RES

Quant Method : C:\HPCHEM\D#2\METHODS\GGG1081.M (Chemstation Integrator)
Title : DRO calibration: Back column
Last Update : Fri Jan 25 11:26:09 2013
Response via : Initial Calibration
DataAcq Meth : ACQ_GG1.M

Volume Inj. : 1.0 uL
Signal Phase : HP-5
Signal Info : 0.32 mm

Compound	R.T.	Response	Conc	Units	
System Monitoring Compounds					
1) S,M Hexacosane	9.92	19707105	23.311	ppm	m
Spiked Amount 100.000		Recovery =	23.31%		
Target Compounds					
2) H,M TPH (C10-C28)	6.00	68364061	71.393	ppm	
3) H TPH (>C28-C40)	12.00	206970391	353.226	ppm	
4) H TPH (Mineral Spirits)	0.00	0	N.D.	ppm	
5) H TPH (Kerosene)	0.00	0	N.D.	ppm	
6) H,M TPH (Diesel)	0.00	0	N.D.	ppm	
7) H TPH (Motor Oil)	12.00	271848088	465.752	ppm	

(f)=RT Delta > 1/2 Window (m)=manual int.
GG40990.D GGG1081.M Wed Jan 30 10:31:33 2013 Page 1

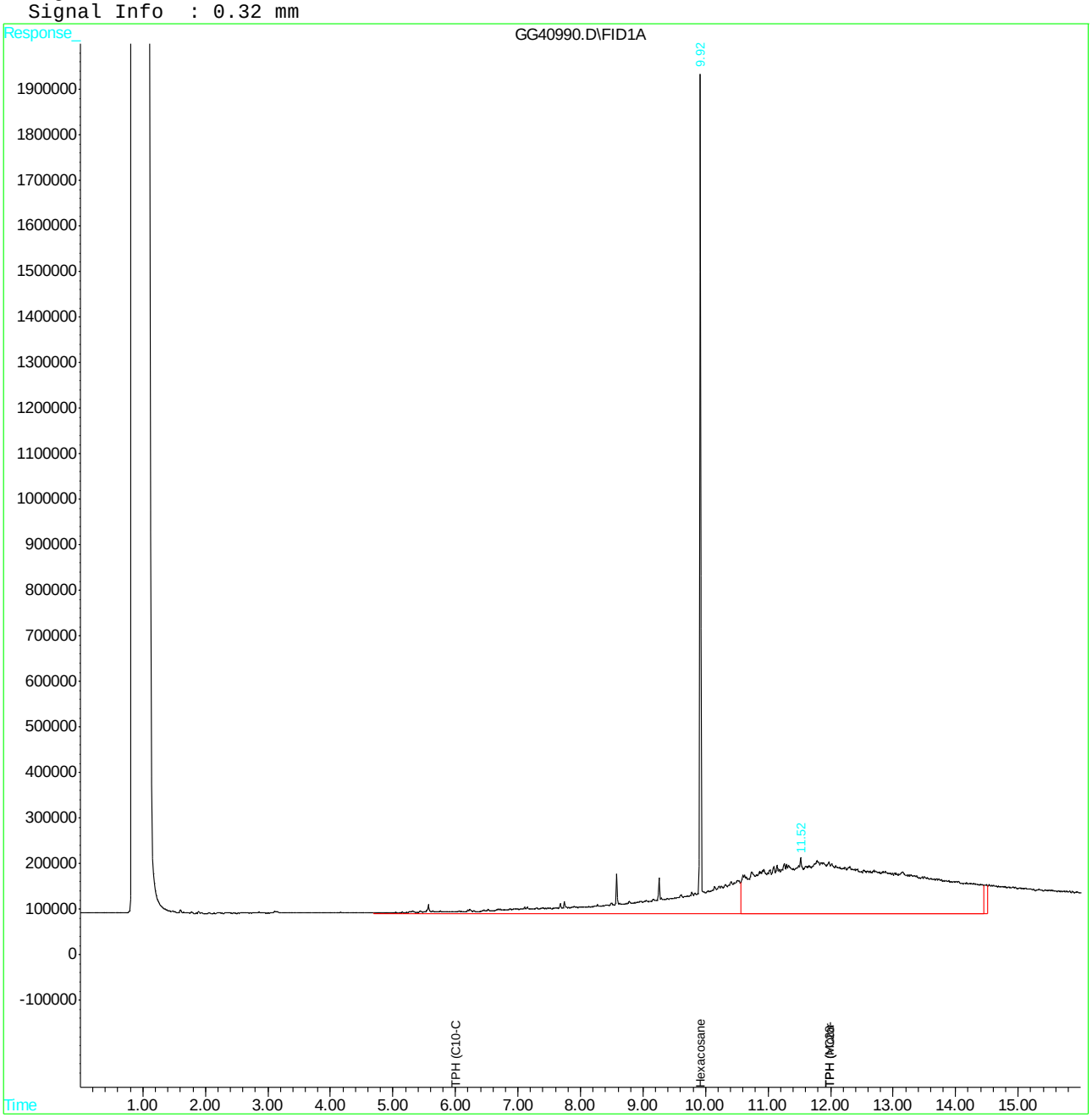
10.1.17 10

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\D#2\DATA\GGG1084\GG40990.D Vial: 34
Acq On : 1-29-13 9:04:25 PM Operator: LAURAB
Sample : C25941-17 Inst : Diesel #2
Misc : OP7406,GGG1084,10.12,,,1,3,S Multiplr: 1.00
IntFile : autoint1.e
Quant Time: Jan 30 10:31 2013 Quant Results File: GGG1081.RES

Quant Method : C:\HPCHEM\D#2\METHODS\GGG1081.M (Chemstation Integrator)
Title : DRO calibration: Back column
Last Update : Fri Jan 25 11:26:09 2013
Response via : Multiple Level Calibration
DataAcq Meth : ACQ_GG1.M

Volume Inj. : 1.0 uL
Signal Phase : HP-5
Signal Info : 0.32 mm



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\D#2\DATA\GGG1084\GG40986.D Vial: 31
Acq On : 1-29-13 7:36:48 PM Operator: LAURAB
Sample : C25941-18 Inst : Diesel #2
Misc : OP7406,GGG1084,10.06,,,1,1,S Multiplr: 1.00
IntFile : autoint1.e
Quant Time: Jan 30 11:53 2013 Quant Results File: GGG1081.RES

Quant Method : C:\HPCHEM\D#2\METHODS\GGG1081.M (Chemstation Integrator)
Title : DRO calibration: Back column
Last Update : Fri Jan 25 11:26:09 2013
Response via : Initial Calibration
DataAcq Meth : ACQ_GG1.M

Volume Inj. : 1.0 uL
Signal Phase : HP-5
Signal Info : 0.32 mm

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S,M Hexacosane	9.92	55090915	65.165 ppm
Spiked Amount 100.000		Recovery =	65.17%
Target Compounds			
2) H,M TPH (C10-C28)	6.00	18791862	19.624 ppm
3) H TPH (>C28-C40)	12.00	29247757	49.916 ppm
4) H TPH (Mineral Spirits)	0.00	0	N.D. ppm
5) H TPH (Kerosene)	0.00	0	N.D. ppm
6) H,M TPH (Diesel)	6.00	18791862	19.596 ppm
7) H TPH (Motor Oil)	12.00	29247757	50.110 ppm

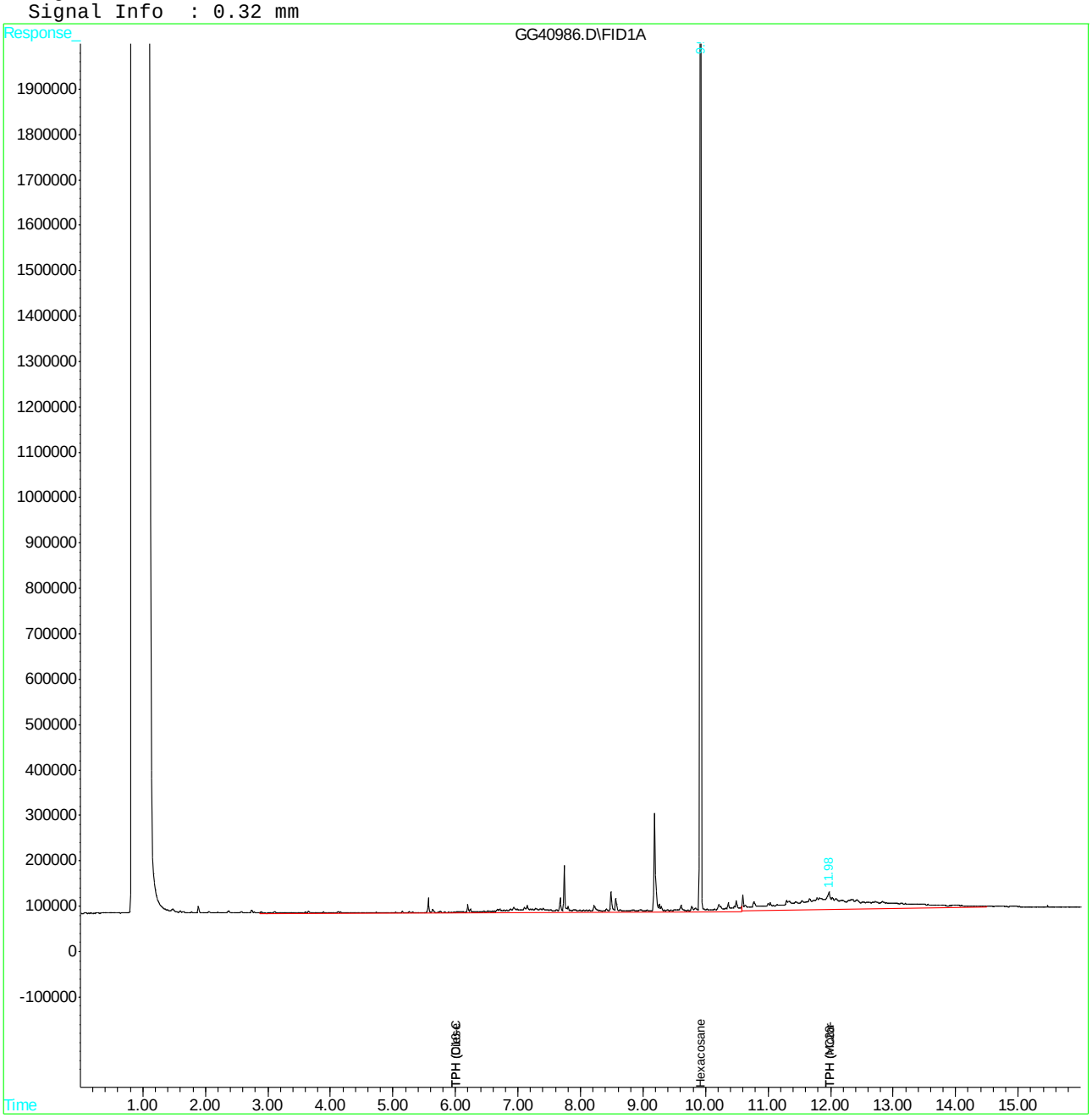
(f)=RT Delta > 1/2 Window (m)=manual int.
GG40986.D GGG1081.M Wed Jan 30 11:53:51 2013 Page 1

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\D#2\DATA\GGG1084\GG40986.D Vial: 31
Acq On : 1-29-13 7:36:48 PM Operator: LAURAB
Sample : C25941-18 Inst : Diesel #2
Misc : OP7406,GGG1084,10.06,,,1,1,S Multiplr: 1.00
IntFile : autoint1.e
Quant Time: Jan 30 11:53 2013 Quant Results File: GGG1081.RES

Quant Method : C:\HPCHEM\D#2\METHODS\GGG1081.M (Chemstation Integrator)
Title : DRO calibration: Back column
Last Update : Fri Jan 25 11:26:09 2013
Response via : Multiple Level Calibration
DataAcq Meth : ACQ_GG1.M

Volume Inj. : 1.0 uL
Signal Phase : HP-5
Signal Info : 0.32 mm



Manual Integrations APPROVED (compounds with "m" flag)
Mai Tran
01/30/13 17:28

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\D#2\DATA\GGG1084\GG40987.D Vial: 32
Acq On : 1-29-13 7:58:40 PM Operator: LAURAB
Sample : C25941-19 Inst : Diesel #2
Misc : OP7406,GGG1084,10.09,,,1,1,S Multiplr: 1.00
IntFile : autoint1.e
Quant Time: Jan 30 11:51 2013 Quant Results File: GGG1081.RES

Quant Method : C:\HPCHEM\D#2\METHODS\GGG1081.M (Chemstation Integrator)
Title : DRO calibration: Back column
Last Update : Fri Jan 25 11:26:09 2013
Response via : Initial Calibration
DataAcq Meth : ACQ_GG1.M

Volume Inj. : 1.0 uL
Signal Phase : HP-5
Signal Info : 0.32 mm

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S,M Hexacosane	9.92	51011434	60.339 ppm m
Spiked Amount 100.000		Recovery =	60.34%
Target Compounds			
2) H,M TPH (C10-C28)	6.00	12460755	13.013 ppm
3) H TPH (>C28-C40)	12.00	23732727	40.503 ppm
4) H TPH (Mineral Spirits)	0.00	0	N.D. ppm
5) H TPH (Kerosene)	0.00	0	N.D. ppm
6) H,M TPH (Diesel)	6.00	12460755	12.994 ppm
7) H TPH (Motor Oil)	12.00	23732727	40.661 ppm

(f)=RT Delta > 1/2 Window (m)=manual int.
GG40987.D GGG1081.M Wed Jan 30 11:51:43 2013 Page 1

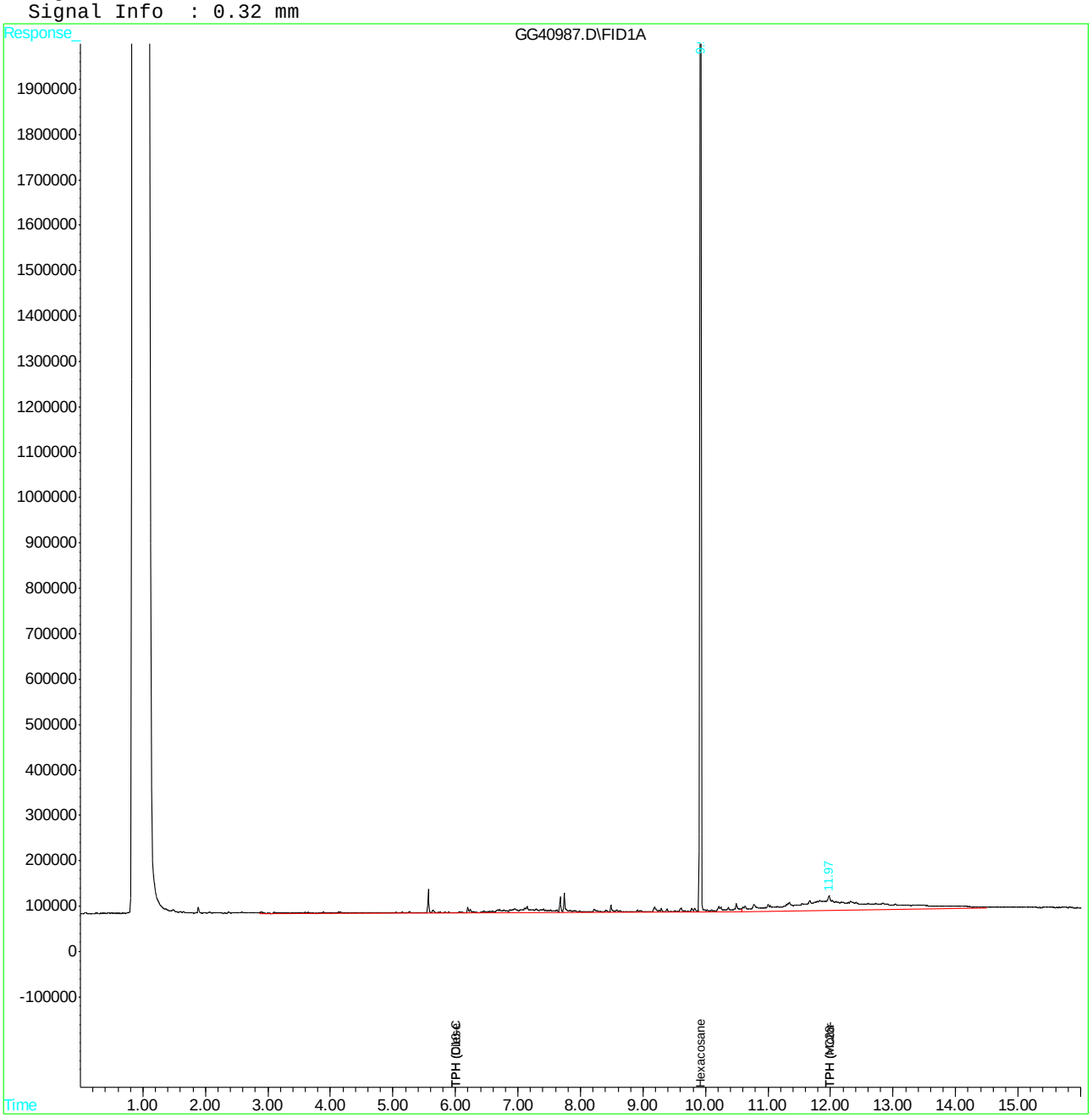
10.1.19 10

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\D#2\DATA\GGG1084\GG40987.D Vial: 32
Acq On : 1-29-13 7:58:40 PM Operator: LAURAB
Sample : C25941-19 Inst : Diesel #2
Misc : OP7406,GGG1084,10.09,,,1,1,S Multiplr: 1.00
IntFile : autoint1.e
Quant Time: Jan 30 11:51 2013 Quant Results File: GGG1081.RES

Quant Method : C:\HPCHEM\D#2\METHODS\GGG1081.M (Chemstation Integrator)
Title : DRO calibration: Back column
Last Update : Fri Jan 25 11:26:09 2013
Response via : Multiple Level Calibration
DataAcq Meth : ACQ_GG1.M

Volume Inj. : 1.0 uL
Signal Phase : HP-5
Signal Info : 0.32 mm



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\D#2\DATA\GGG1084\GG40988.D Vial: 33
Acq On : 1-29-13 8:20:32 PM Operator: LAURAB
Sample : C25941-20 Inst : Diesel #2
Misc : OP7406,GGG1084,10.06,,,1,1,S Multiplr: 1.00
IntFile : autoint1.e
Quant Time: Jan 30 11:52 2013 Quant Results File: GGG1081.RES

Quant Method : C:\HPCHEM\D#2\METHODS\GGG1081.M (Chemstation Integrator)
Title : DRO calibration: Back column
Last Update : Fri Jan 25 11:26:09 2013
Response via : Initial Calibration
DataAcq Meth : ACQ_GG1.M

Volume Inj. : 1.0 uL
Signal Phase : HP-5
Signal Info : 0.32 mm

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S,M Hexacosane	9.92	49563138	58.626 ppm
Spiked Amount 100.000		Recovery =	58.63%
Target Compounds			
2) H,M TPH (C10-C28)	6.00	14554113	15.199 ppm
3) H TPH (>C28-C40)	12.00	21573642	36.819 ppm
4) H TPH (Mineral Spirits)	0.00	0	N.D. ppm
5) H TPH (Kerosene)	0.00	0	N.D. ppm
6) H,M TPH (Diesel)	6.00	14554113	15.177 ppm
7) H TPH (Motor Oil)	12.00	21573642	36.962 ppm

(f)=RT Delta > 1/2 Window (m)=manual int.
GG40988.D GGG1081.M Wed Jan 30 11:53:04 2013 Page 1

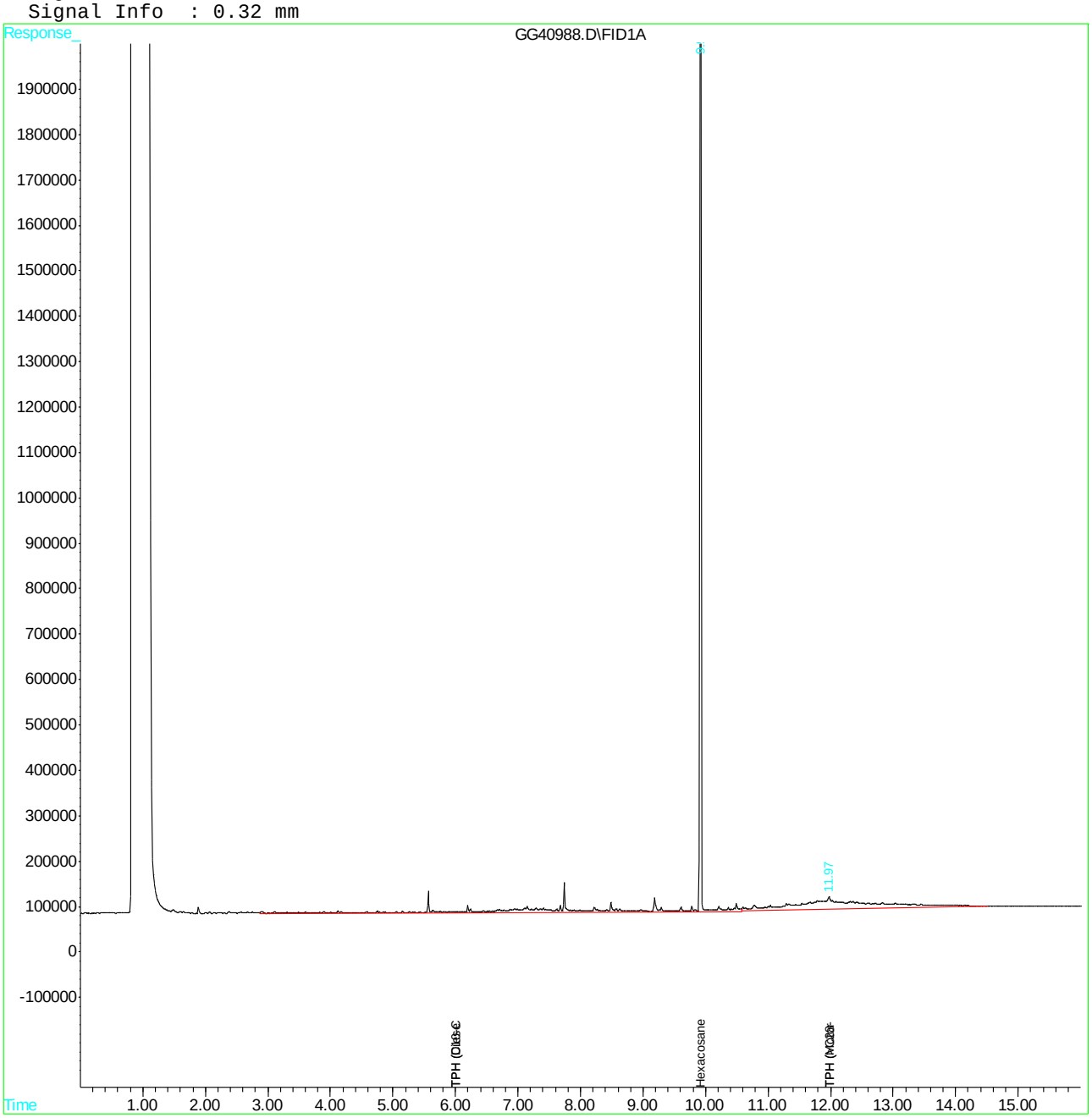
10.1.20 10

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\D#2\DATA\GGG1084\GG40988.D Vial: 33
Acq On : 1-29-13 8:20:32 PM Operator: LAURAB
Sample : C25941-20 Inst : Diesel #2
Misc : OP7406,GGG1084,10.06,,,1,1,S Multiplr: 1.00
IntFile : autoint1.e
Quant Time: Jan 30 11:52 2013 Quant Results File: GGG1081.RES

Quant Method : C:\HPCHEM\D#2\METHODS\GGG1081.M (Chemstation Integrator)
Title : DRO calibration: Back column
Last Update : Fri Jan 25 11:26:09 2013
Response via : Multiple Level Calibration
DataAcq Meth : ACQ_GG1.M

Volume Inj. : 1.0 uL
Signal Phase : HP-5
Signal Info : 0.32 mm



Manual Integrations APPROVED (compounds with "m" flag)
Mai Tran
01/30/13 17:27

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\D#2\DATA\GGG1084\GG40958.D Vial: 5
Acq On : 1-29-13 9:22:24 AM Operator: LAURAB
Sample : OP7406-MB Inst : Diesel #2
Misc : OP7406,GGG1084,10.00,,,1,1,S Multiplr: 1.00
IntFile : autoint1.e
Quant Time: Jan 29 10:32 2013 Quant Results File: GGG1081.RES

Quant Method : C:\HPCHEM\D#2\METHODS\GGG1081.M (Chemstation Integrator)
Title : DRO calibration: Back column
Last Update : Fri Jan 25 11:26:09 2013
Response via : Initial Calibration
DataAcq Meth : ACQ_GG1.M

Volume Inj. : 1.0 uL
Signal Phase : HP-5
Signal Info : 0.32 mm

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S,M Hexacosane	9.92	66819901	79.039 ppm m
Spiked Amount 100.000		Recovery =	79.04%
Target Compounds			
2) H,M TPH (C10-C28)	6.00	14033630	14.655 ppm
3) H TPH (>C28-C40)	12.00	25001779	42.669 ppm
4) H TPH (Mineral Spirits)	0.00	0	N.D. ppm
5) H TPH (Kerosene)	0.00	0	N.D. ppm
6) H,M TPH (Diesel)	6.00	14033630	14.634 ppm
7) H TPH (Motor Oil)	12.00	25001779	42.835 ppm

(f)=RT Delta > 1/2 Window (m)=manual int.
GG40958.D GGG1081.M Tue Jan 29 10:32:41 2013 Page 1

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\D#2\DATA\GGG1084\GG40958.D Vial: 5
Acq On : 1-29-13 9:22:24 AM Operator: LAURAB
Sample : OP7406-MB Inst : Diesel #2
Misc : OP7406,GGG1084,10.00,,,1,1,S Multiplr: 1.00
IntFile : autoint1.e
Quant Time: Jan 29 10:32 2013 Quant Results File: GGG1081.RES

Quant Method : C:\HPCHEM\D#2\METHODS\GGG1081.M (Chemstation Integrator)
Title : DRO calibration: Back column
Last Update : Fri Jan 25 11:26:09 2013
Response via : Multiple Level Calibration
DataAcq Meth : ACQ_GG1.M

Volume Inj. : 1.0 uL
Signal Phase : HP-5
Signal Info : 0.32 mm