



December 26, 2013

API # 05-103-07175

Location: PCU T25-21G

XTO Energy (XTO) completed closure on November 7, 2013 of the Partially Buried Tank Pit on the PCU T25-21G location in accordance with COGCC 900 and 1000 Series Rules.

The out of service Partially Buried Tank (PBT) at the subject site was removed from this location (see Figure 1). As approved in REM #7997, a discrete soil sample was collected from beneath the former tank location at the low point of the excavation and sampled for an abbreviated Table 910-1 analyte list (TPH & BTEX) to assess COGCC compliance. Results were below Table 910-1 concentration levels (see Table 1) and therefore confirm COGCC compliance.

Soil sample results from beneath the tank confirm no groundwater impact potential exists (see Table 1). Available information for the area indicates that the uppermost groundwater bearing zone is greater than 100 feet below the ground surface for this PBT location.

XTO herein requests a Notice of Completion (NOC) for the PCU T25-21G location listed in the October 3, 2013 COGCC approved Form 27, REM #7997.

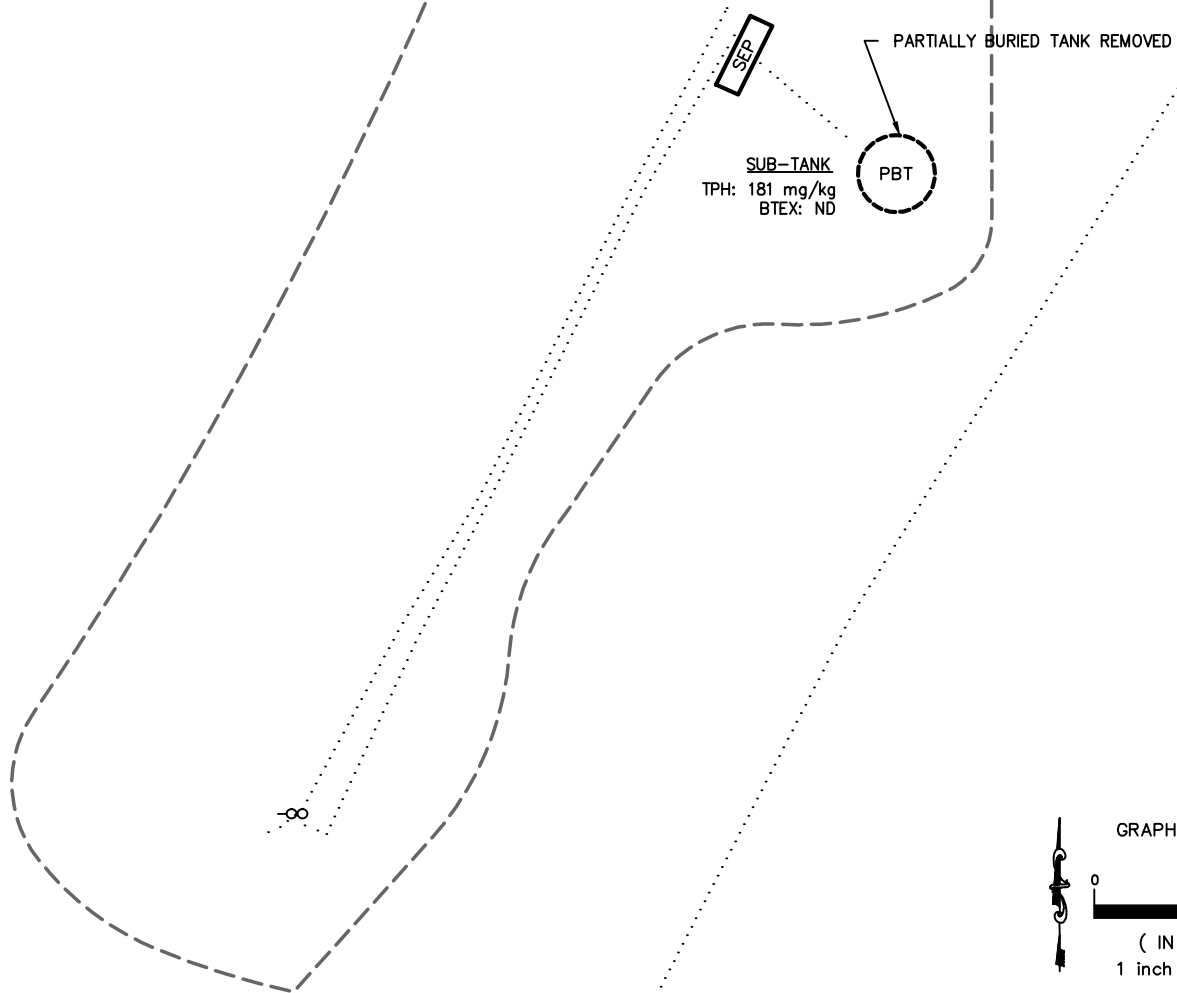
Table 1
Location: PCU T25-21G
Lab Summary - Partially Buried Tank

Last update 10/1/2013

Analytical Parameter	Subtank	COGCC
(with units)	<i>Subtank 9/23/13</i>	<i>Table 910-1 Concentration Levels</i>
Accutest Job #	D50830	-
Sample type (C omposite/ D iscrete)	D	-
TPH (GRO) (mg/Kg)	14.8	-
TPH (DRO) (mg/Kg)	166	-
TPH (GRO + DRO) (mg/Kg)	181	500
Benzene (mg/Kg)	ND	0.170
Toluene (mg/Kg)	ND	85
Ethylbenzene (mg/Kg)	ND	100
Xylenes (total) (mg/Kg)	ND	175
% Solids	80.4	-

Notes:

- 1) ND = not detectible to the laboratory detection limit.
- 2) Results highlighted in yellow exceed Table 910-1 concentration levels.
- 3) "-" indicates no analysis.
- 4) See Figure(s) for sample locations.



LEGEND	
SEP	SEPARATOR
PBT	PARTIALLY BURIED STORAGE TANK (REMOVED)
---	EDGE OF PAD
...	UTILITY CORRIDOR
---	PAD FACILITY
⊗	WELL HEAD

GPS: DK	CHECKED: JH	FIGURE 1	DATE	REVISIONS
DATE: 12/19/13	DRAWN: DF			
FILE NAME: pbt samp	SHEET NO. 1 of 1			
PROJECT NO. 1309-06	SCALE: 1" = 20'			

KRW CONSULTING, INC.
8000 W. 14TH AVENUE, SUITE 200
LAKEWOOD, COLORADO
(303) 239-9011

FIGURE 1
PICEANCE CREEK
PCU T25-21G
PARTIALLY BURIED TANK
SAMPLE LOCATIONS
PREPARED FOR XTO ENERGY



09/30/13

Technical Report for

XTO Energy

PCU T25-21G

1309-06 Subtank

Accutest Job Number: D50830

Sampling Date: 09/23/13

Report to:

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ATTN: Dwayne Knudson

Total number of pages in report: 57



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.

A handwritten signature in black ink, appearing to read 'Scott Heideman'.

Scott Heideman
Laboratory Director

Client Service contact: Renea Jackson 303-425-6021

Certifications: CO (CO00049), ID, NE (CO00049), ND (R-027), NJ (CO 0007), OK (D9942), UT (NELAP CO00049), TX (T104704511)

This report shall not be reproduced, except in its entirety, without the written approval of Accutest Laboratories.
Test results relate only to samples analyzed.

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Sample Summary

XTO Energy

Job No: D50830

PCU T25-21G

Project No: 1309-06 Subtank

Sample Number	Collected		Matrix Code Type	Client Sample ID
	Date	Time By	Received	
D50830-1	09/23/13	12:40 DS	09/24/13 SO	Soil
SUBTANK				

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

CASE NARRATIVE / CONFORMANCE SUMMARY

Client: XTO Energy**Job No** D50830**Site:** PCU T25-21G**Report Date** 9/30/2013 4:10:17 PM

On 09/24/2013, 1 sample(s), 0 Trip Blank(s), and 0 Field Blank(s) were received at Accutest Mountain States (AMS) at a temperature of 2.3 °C. The samples were intact and properly preserved, unless noted below. An AMS Job Number of D50830 was assigned to the project. The lab sample ID, client sample ID, and date of sample collection are detailed in the report's Results Summary.

Specified quality control criteria were achieved for this job except as noted below. For more information, please refer to the analytical results and QC summary pages.

Volatiles by GCMS By Method SW846 8260B

Matrix: SO**Batch ID:** V5V1759

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) D50828-1MS, D50828-1MSD were used as the QC samples indicated.

Volatiles by GC By Method SW846 8015B

Matrix: SO**Batch ID:** GGB1225

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) D50798-1MS, D50798-1MSD were used as the QC samples indicated.

Extractables by GC By Method SW846-8015B

Matrix: SO**Batch ID:** OP8630

- All samples were extracted and analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) D50828-1MS, D50828-1MSD were used as the QC samples indicated.

Wet Chemistry By Method SM2540B-2011 M

Matrix: SO**Batch ID:** GN22025

- The data for SM2540B-2011 M meets quality control requirements.

AMS certifies that data reported for samples received, listed on the associated custody chain or analytical task order, were produced to specifications meeting AMS's Quality System precision, accuracy and completeness objectives except as noted.

Estimated non-standard method measurement uncertainty data is available on request, based on quality control bias and implicit for standard methods. Acceptable uncertainty requires tested parameter quality control data to meet method criteria.

AMS is not responsible for data quality assumptions if partial reports are used and recommends that this report be used in its entirety. This report is authorized by AMS indicated via signature on the report cover.

Summary of Hits

Job Number: D50830
Account: XTO Energy
Project: PCU T25-21G
Collected: 09/23/13



Lab Sample ID	Client Sample ID	Result/ Analyte	RL	MDL	Units	Method	
D50830-1	SUBTANK						
		TPH-GRO (C6-C10)	14.8 J	15	7.4	mg/kg	SW846 8015B
		TPH-DRO (C10-C28)	166	8.3	6.2	mg/kg	SW846-8015B

Sample Results

Report of Analysis

Accutest Laboratories

Report of Analysis

Page 1 of 1

Client Sample ID:	SUBTANK	Date Sampled:	09/23/13
Lab Sample ID:	D50830-1	Date Received:	09/24/13
Matrix:	SO - Soil	Percent Solids:	80.4
Method:	SW846 8260B		
Project:	PCU T25-21G		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	5V29259.D	1	09/26/13	BD	n/a	n/a	V5V1759
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.04 g	5.0 ml	100 ul
Run #2			

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	0.074	0.037	mg/kg	
108-88-3	Toluene	ND	0.15	0.074	mg/kg	
100-41-4	Ethylbenzene	ND	0.15	0.028	mg/kg	
1330-20-7	Xylene (total)	ND	0.30	0.15	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2037-26-5	Toluene-D8	90%		64-130%
460-00-4	4-Bromofluorobenzene	112%		62-131%
17060-07-0	1,2-Dichloroethane-D4	103%		70-130%

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

Page 1 of 1

Client Sample ID:	SUBTANK	Date Sampled:	09/23/13
Lab Sample ID:	D50830-1	Date Received:	09/24/13
Matrix:	SO - Soil	Percent Solids:	80.4
Method:	SW846 8015B		
Project:	PCU T25-21G		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	GB22287.D	1	09/24/13	EV	n/a	n/a	GGB1225
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.0 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	14.8	15	7.4	mg/kg	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
120-82-1	1,2,4-Trichlorobenzene	76%		60-140%

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

Page 1 of 1

Client Sample ID:	SUBTANK				
Lab Sample ID:	D50830-1			Date Sampled:	09/23/13
Matrix:	SO - Soil			Date Received:	09/24/13
Method:	SW846-8015B	SW846	3546	Percent Solids:	80.4
Project:	PCU T25-21G				

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	FH013401.D	1	09/25/13	TU	09/25/13	OP8630	GFH710
Run #2							

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

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	166	8.3	6.2	mg/kg	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits		
84-15-1	o-Terphenyl	93%		20-130%		

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

Misc. Forms

5

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

Accutest Laboratories Sample Receipt Summary

Accutest Job Number: D50830

Client: KRW CONSULTING

Immediate Client Services Action Required: No

Date / Time Received: 9/24/2013 1:00:00 PM

No. Coolers: 1

Client Service Action Required at Login: No

Project: XTO PCU T25-21G

Airbill #'s: HD-CO

Cooler Security	Y	or	N		Y	or	N
1. Custody Seals Present:	<input checked="" type="checkbox"/>		<input type="checkbox"/>	3. COC Present:	<input checked="" type="checkbox"/>		<input type="checkbox"/>
2. Custody Seals Intact:	<input checked="" type="checkbox"/>		<input type="checkbox"/>	4. Smpl Dates/Time OK	<input checked="" type="checkbox"/>		<input type="checkbox"/>

Cooler Temperature	Y	or	N
1. Temp criteria achieved:	<input checked="" type="checkbox"/>		<input type="checkbox"/>
2. Cooler temp verification:			Infrared gun
3. Cooler media:			Ice (bag)

Quality Control Preservation	Y	or	N	N/A
1. Trip Blank present / cooler:	<input type="checkbox"/>		<input type="checkbox"/>	
2. Trip Blank listed on COC:	<input type="checkbox"/>		<input type="checkbox"/>	
3. Samples preserved properly:	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
4. VOCs headspace free:	<input type="checkbox"/>		<input type="checkbox"/>	<input checked="" type="checkbox"/>

Sample Integrity - Documentation	Y	or	N
1. Sample labels present on bottles:	<input checked="" type="checkbox"/>		<input type="checkbox"/>
2. Container labeling complete:	<input checked="" type="checkbox"/>		<input type="checkbox"/>
3. Sample container label / COC agree:	<input checked="" type="checkbox"/>		<input type="checkbox"/>

Sample Integrity - Condition	Y	or	N
1. Sample recvd within HT:	<input checked="" type="checkbox"/>		<input type="checkbox"/>
2. All containers accounted for:	<input checked="" type="checkbox"/>		<input type="checkbox"/>
3. Condition of sample:			Intact

Sample Integrity - Instructions	Y	or	N	N/A
1. Analysis requested is clear:	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
2. Bottles received for unspecified tests	<input type="checkbox"/>		<input checked="" type="checkbox"/>	
3. Sufficient volume rec'd for analysis:	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
4. Compositing instructions clear:	<input type="checkbox"/>		<input type="checkbox"/>	<input checked="" type="checkbox"/>
5. Filtering instructions clear:	<input type="checkbox"/>		<input type="checkbox"/>	<input checked="" type="checkbox"/>

Comments

 Accutest Laboratories
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 F: (303) 425-6854

 Wheat Ridge, CO
 www.accutest.com

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

Page 1 of 1

Job Number: D50830
Account: XTOKRWR XTO Energy
Project: PCU T25-21G

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V5V1759-MB	5V29253.D	1	09/26/13	BD	n/a	n/a	V5V1759

The QC reported here applies to the following samples:

Method: SW846 8260B

D50830-1

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	50	25	ug/kg	
100-41-4	Ethylbenzene	ND	100	19	ug/kg	
108-88-3	Toluene	ND	100	50	ug/kg	
1330-20-7	Xylene (total)	ND	200	100	ug/kg	

CAS No.	Surrogate Recoveries	Limits
2037-26-5	Toluene-D8	100% 64-130%
460-00-4	4-Bromofluorobenzene	86% 62-131%
17060-07-0	1,2-Dichloroethane-D4	102% 70-130%

Blank Spike Summary

Page 1 of 1

Job Number: D50830

Account: XTOKRWR XTO Energy

Project: PCU T25-21G

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V5V1759-BS	5V29254.D	1	09/26/13	BD	n/a	n/a	V5V1759

The QC reported here applies to the following samples:

Method: SW846 8260B

D50830-1

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
71-43-2	Benzene	2500	2710	108	70-130
100-41-4	Ethylbenzene	2500	2820	113	70-130
108-88-3	Toluene	2500	2750	110	70-130
1330-20-7	Xylene (total)	7500	8810	117	70-130

CAS No.	Surrogate Recoveries	BSP	Limits
2037-26-5	Toluene-D8	101%	64-130%
460-00-4	4-Bromofluorobenzene	103%	62-131%
17060-07-0	1,2-Dichloroethane-D4	93%	70-130%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Page 1 of 1

Job Number: D50830
Account: XTOKRWR XTO Energy
Project: PCU T25-21G

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
D50828-1MS	5V29256.D	1	09/26/13	BD	n/a	n/a	V5V1759
D50828-1MSD	5V29257.D	1	09/26/13	BD	n/a	n/a	V5V1759
D50828-1	5V29255.D	1	09/26/13	BD	n/a	n/a	V5V1759

The QC reported here applies to the following samples:

Method: SW846 8260B

D50830-1

CAS No.	Compound	D50828-1 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND		3400	3540	104	3560	105	1	64-139/30
100-41-4	Ethylbenzene	ND		3400	3540	104	3520	104	1	68-136/30
108-88-3	Toluene	ND		3400	3410	100	3320	98	3	60-130/30
1330-20-7	Xylene (total)	ND		10200	11400	112	11200	110	2	58-142/30

CAS No.	Surrogate Recoveries	MS	MSD	D50828-1	Limits
2037-26-5	Toluene-D8	95%	94%	97%	64-130%
460-00-4	4-Bromofluorobenzene	109%	107%	98%	62-131%
17060-07-0	1,2-Dichloroethane-D4	93%	95%	101%	70-130%

* = Outside of Control Limits.

GC/MS Volatiles

Raw Data

7

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\V5092613.S\
Data File : 5V29259.D
Acq On : 26 Sep 2013 12:48 pm
Operator : BRETD
Sample : D50830-1
Misc : MS6447,V5V1759,5.035,,100,5,1
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 27 09:03:28 2013
Quant Method : C:\msdchem\1\METHODS\V5AP1728TVH1728.M
Quant Title : 8260
QLast Update : Tue Aug 20 09:59:22 2013
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
2) Pentafluorobenzene	11.613	168	138926	50.00	ug/l	0.00
37) 1,4-Difluorobenzene	12.412	114	194121	50.00	ug/l	0.00
56) Chlorobenzene-d5	15.061	117	214233	50.00	ug/l	0.00
77) 1,4-Dichlorobenzene-d4	17.025	152	171745	50.00	ug/l	-0.01

System Monitoring Compounds

35) 1,2-Dichloroethane-d4	12.012	102	14486	51.31	ug/l	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.62%
64) Toluene-d8	13.816	98	217907	44.90	ug/l	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.80%
72) 4-Bromofluorobenzene	16.008	95	126693	56.00	ug/l	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	112.00%

Target Compounds

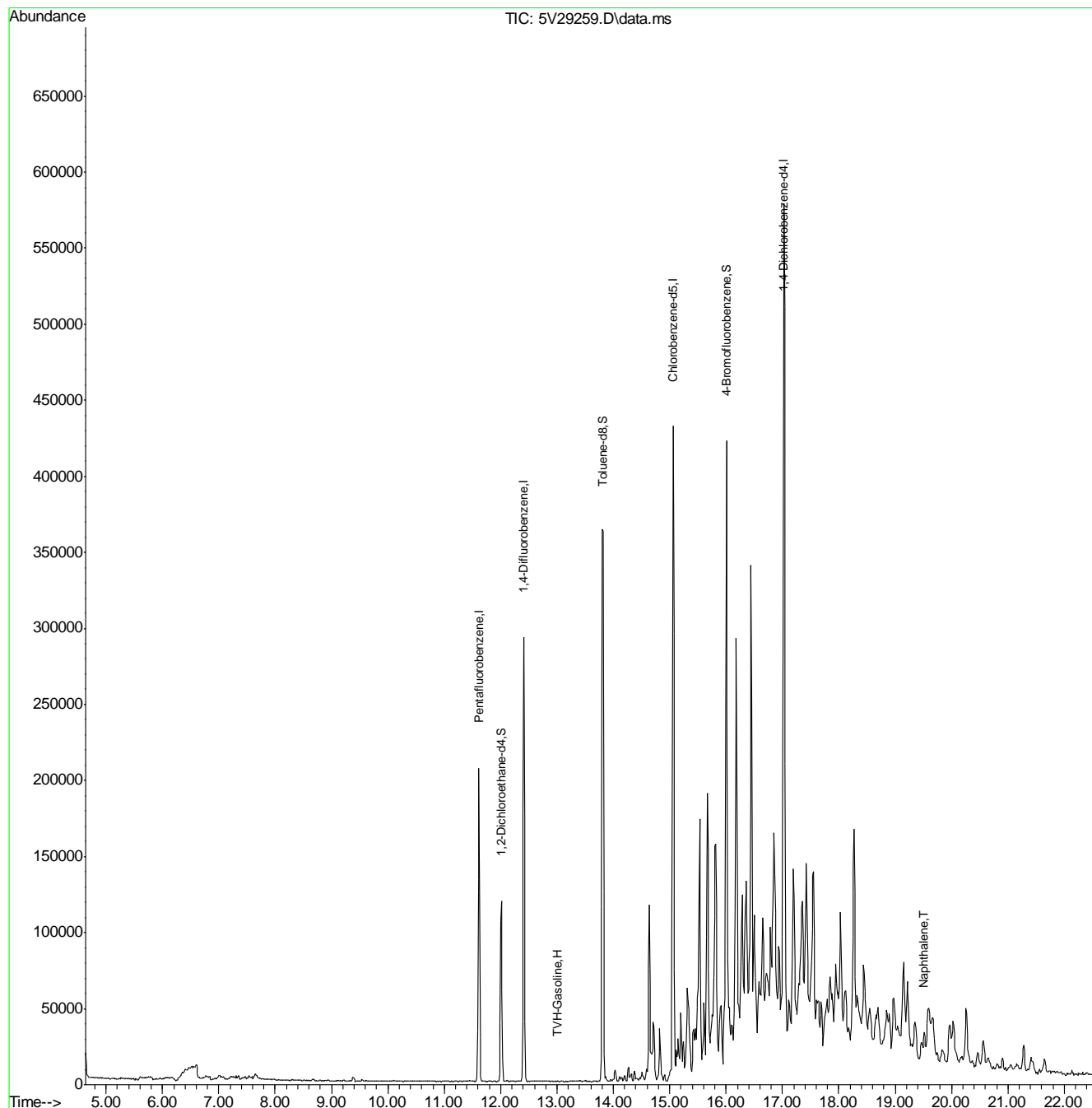
					Qvalue
1) TVH-Gasoline	13.006	TIC	4025204m	350.64	ug/l
94) Naphthalene	19.513	128	1204	0.97	ug/l

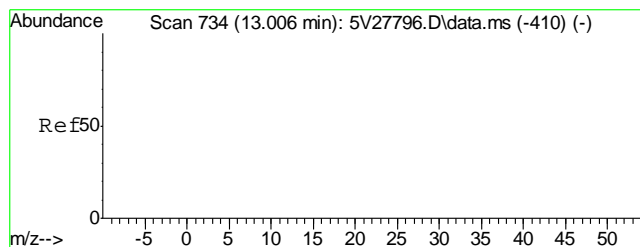
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

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 Acq On : 26 Sep 2013 12:48 pm
 Operator : BRETD
 Sample : D50830-1
 Misc : MS6447,V5V1759,5.035,,100,5,1
 ALS Vial : 9 Sample Multiplier: 1

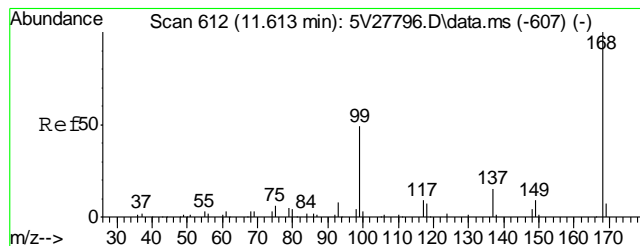
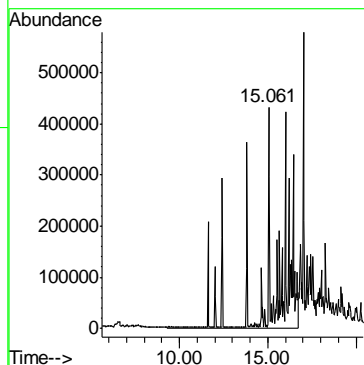
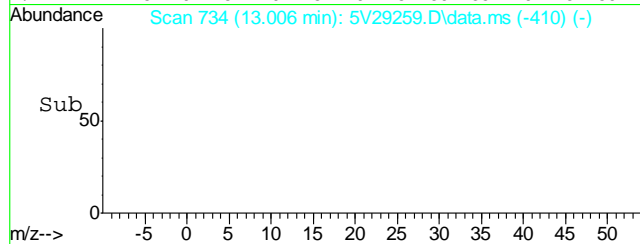
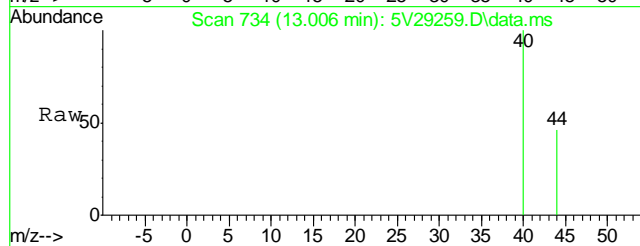
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 QLast Update : Tue Aug 20 09:59:22 2013
 Response via : Initial Calibration





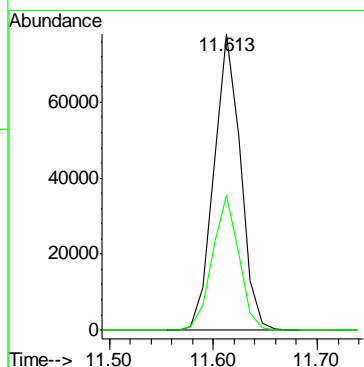
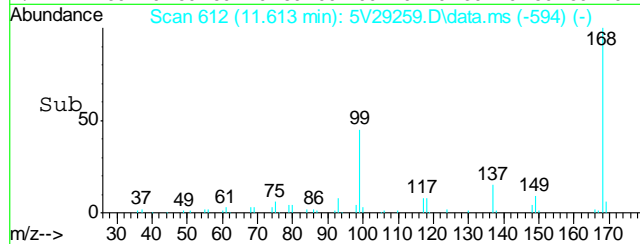
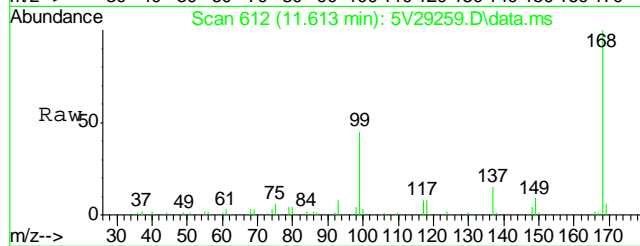
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TVH-Gasoline
Concen: 350.64 ug/l m
RT: 13.006 min Scan# 734
Delta R.T. 0.000 min
Lab File: 5V29259.D
Acq: 26 Sep 2013 12:48 pm

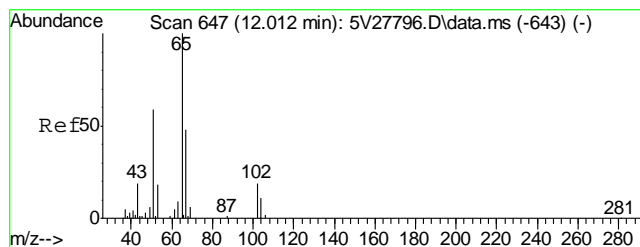
Tgt Ion:TIC Resp: 4025204



#2
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 11.613 min Scan# 612
Delta R.T. 0.000 min
Lab File: 5V29259.D
Acq: 26 Sep 2013 12:48 pm

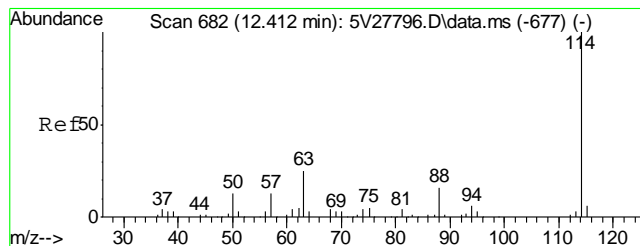
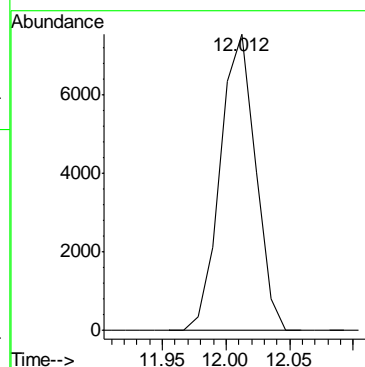
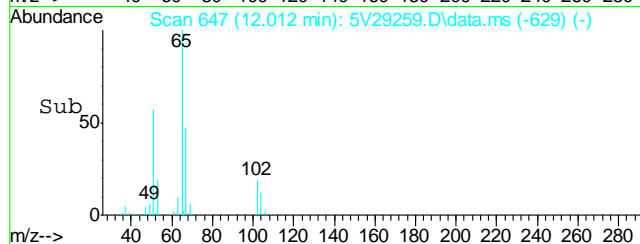
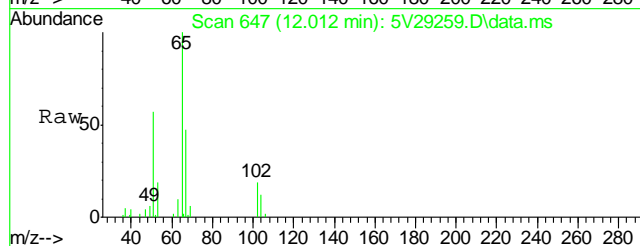
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Ion Ratio Lower Upper
168 100
99 45.3 41.4 62.2





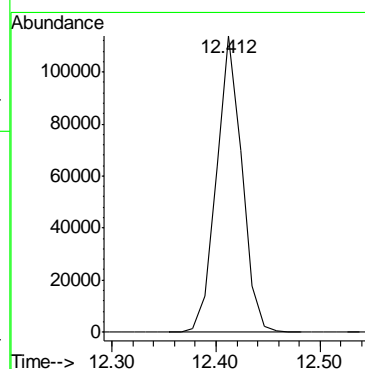
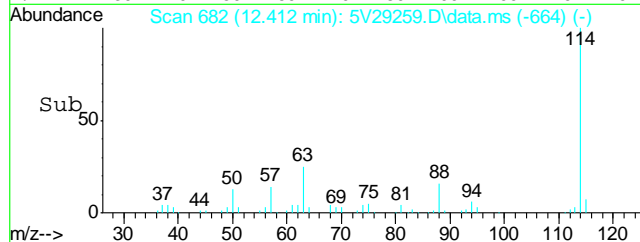
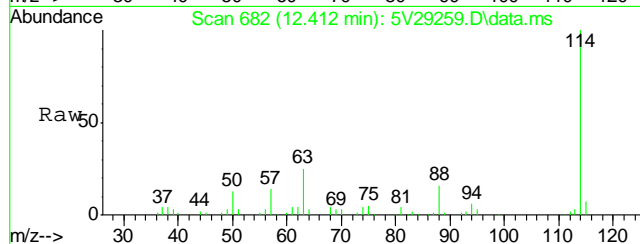
#35
1,2-Dichloroethane-d4
Concen: 51.31 ug/l
RT: 12.012 min Scan# 647
Delta R.T. 0.000 min
Lab File: 5V29259.D
Acq: 26 Sep 2013 12:48 pm

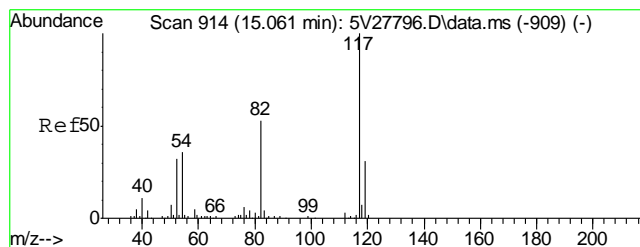
Tgt Ion:102 Resp: 14486



#37
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 12.412 min Scan# 682
Delta R.T. 0.000 min
Lab File: 5V29259.D
Acq: 26 Sep 2013 12:48 pm

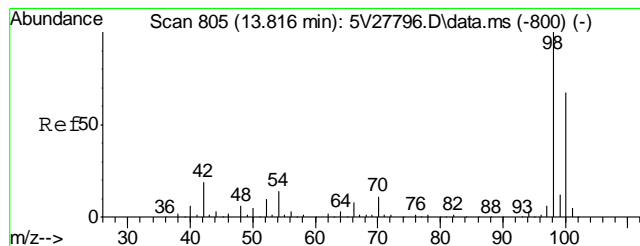
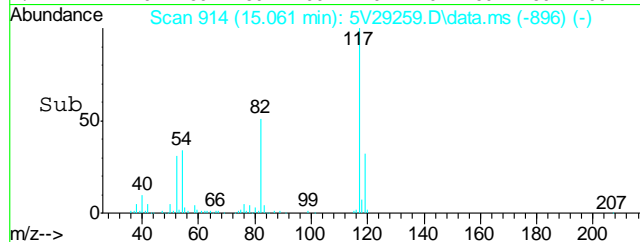
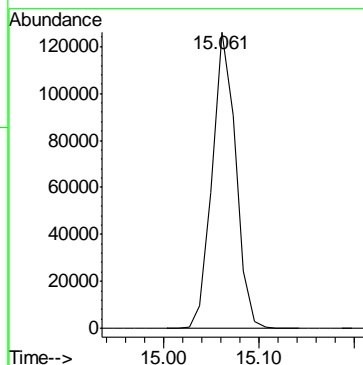
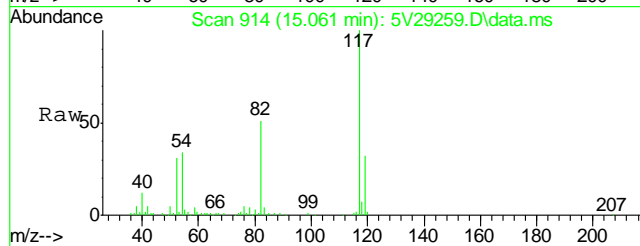
Tgt Ion:114 Resp: 194121





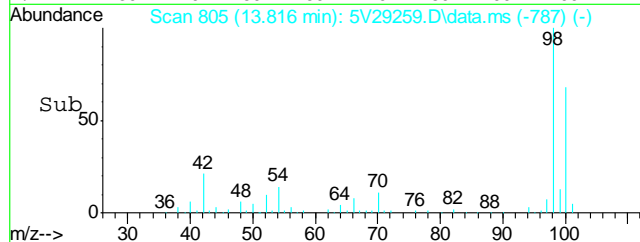
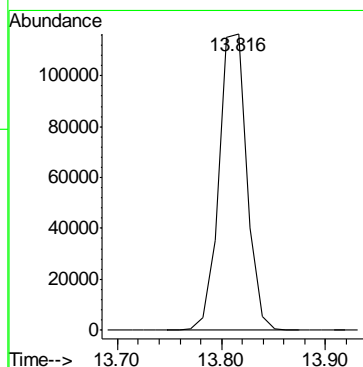
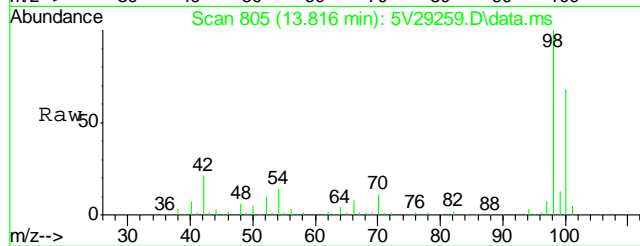
#56
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 15.061 min Scan# 914
Delta R.T. 0.000 min
Lab File: 5V29259.D
Acq: 26 Sep 2013 12:48 pm

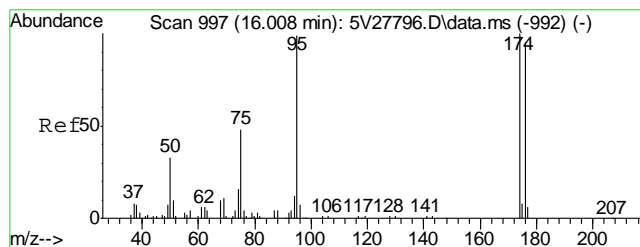
Tgt Ion:117 Resp: 214233



#64
Toluene-d8
Concen: 44.90 ug/l
RT: 13.816 min Scan# 805
Delta R.T. 0.000 min
Lab File: 5V29259.D
Acq: 26 Sep 2013 12:48 pm

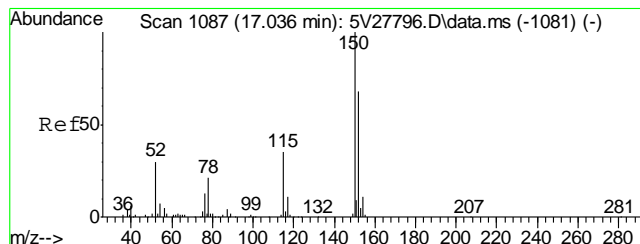
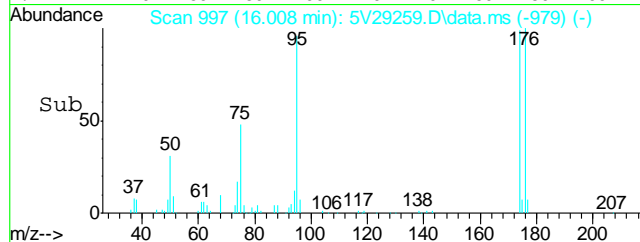
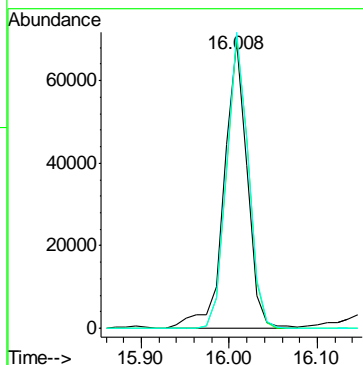
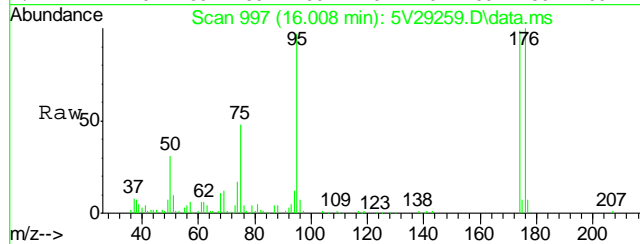
Tgt Ion: 98 Resp: 217907





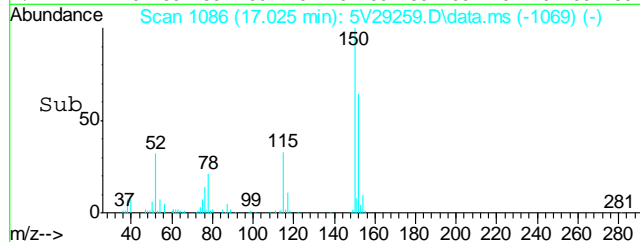
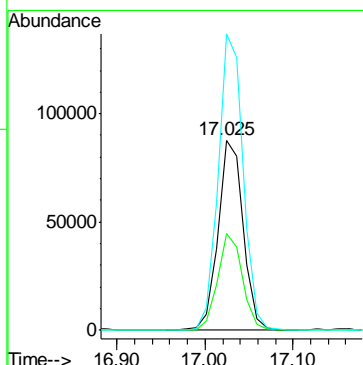
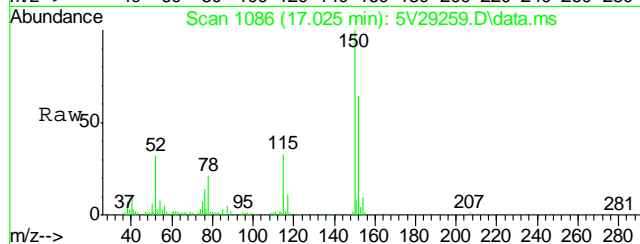
#72
4-Bromofluorobenzene
Concen: 56.00 ug/l
RT: 16.008 min Scan# 997
Delta R.T. 0.000 min
Lab File: 5V29259.D
Acq: 26 Sep 2013 12:48 pm

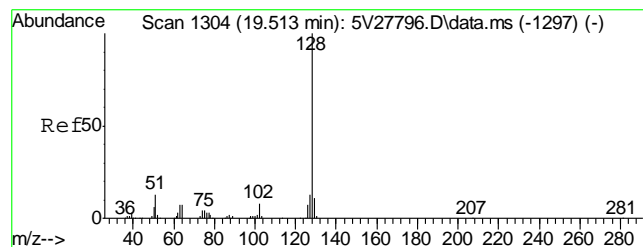
Tgt Ion	Ratio	Lower	Upper
95	100		
174	94.9	85.4	125.4
176	96.1	80.6	120.6



#77
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 17.025 min Scan# 1086
Delta R.T. -0.011 min
Lab File: 5V29259.D
Acq: 26 Sep 2013 12:48 pm

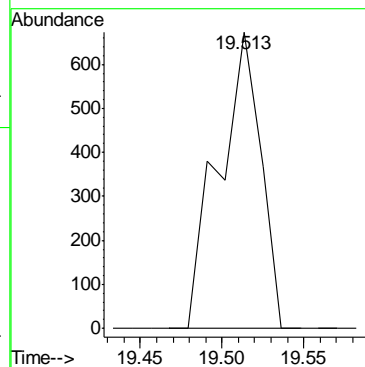
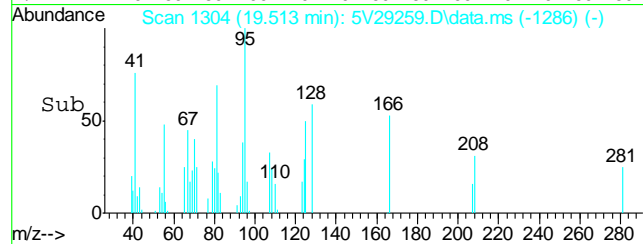
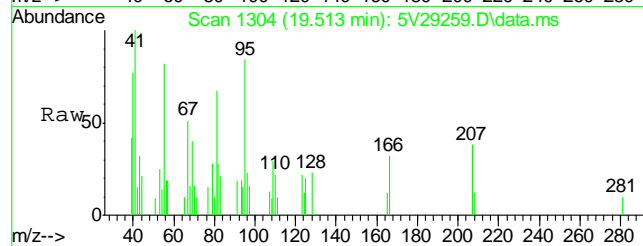
Tgt Ion	Ratio	Lower	Upper
152	100		
115	49.9	43.4	65.2
150	155.2	142.9	214.3





#94
Naphthalene
Concen: 0.97 ug/l
RT: 19.513 min Scan# 1304
Delta R.T. 0.000 min
Lab File: 5V29259.D
Acq: 26 Sep 2013 12:48 pm

Tgt Ion:128 Resp: 1204



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\V5092613.S\
Data File : 5V29253.D
Acq On : 26 Sep 2013 9:33 am
Operator : BRETD
Sample : MB
Misc : MS6447,V5V1759,5.000,,100,5,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Sep 27 09:34:37 2013
Quant Method : C:\msdchem\1\METHODS\V5AP1728TVH1728.M
Quant Title : 8260
QLast Update : Tue Aug 20 09:59:22 2013
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
2) Pentafluorobenzene	11.613	168	152367	50.00	ug/l	0.00
37) 1,4-Difluorobenzene	12.412	114	213561	50.00	ug/l	0.00
56) Chlorobenzene-d5	15.061	117	205133	50.00	ug/l	0.00
77) 1,4-Dichlorobenzene-d4	17.024	152	139005	50.00	ug/l	-0.01

System Monitoring Compounds

35) 1,2-Dichloroethane-d4	12.012	102	15843	51.17	ug/l	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.34%
64) Toluene-d8	13.816	98	232139	49.95	ug/l	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.90%
72) 4-Bromofluorobenzene	16.008	95	93439	43.14	ug/l	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.28%

Target Compounds

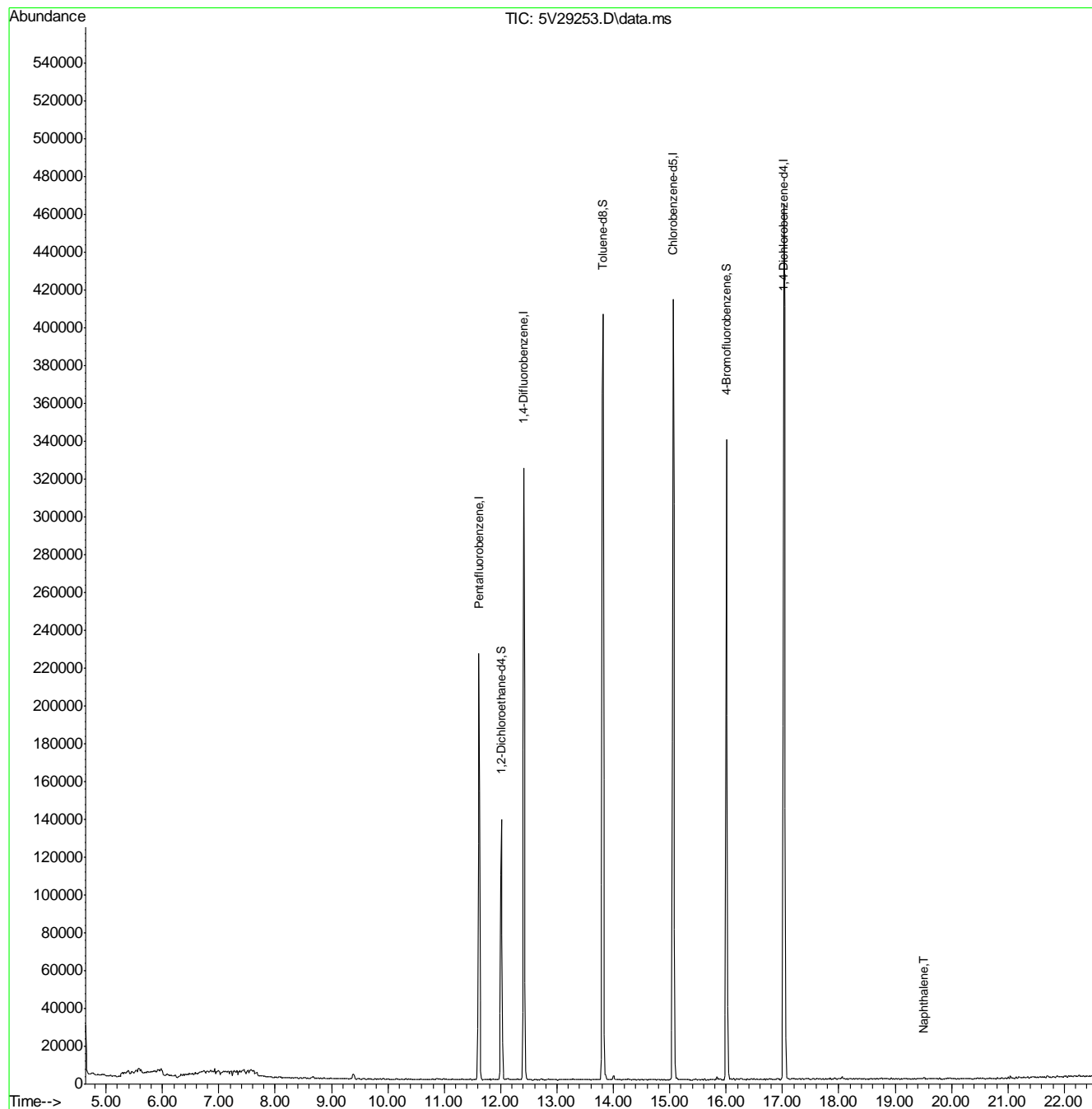
					Qvalue
1) TVH-Gasoline	13.006	TIC	-47449m	54.34	ug/l
94) Naphthalene	19.513	128	836	0.94	ug/l

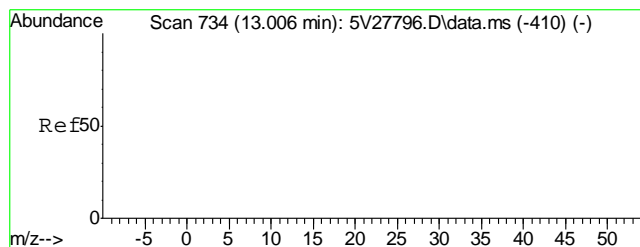
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\V5092613.S\
Data File : 5V29253.D
Acq On : 26 Sep 2013 9:33 am
Operator : BRETD
Sample : MB
Misc : MS6447,V5V1759,5.000,,100,5,1
ALS Vial : 3 Sample Multiplier: 1

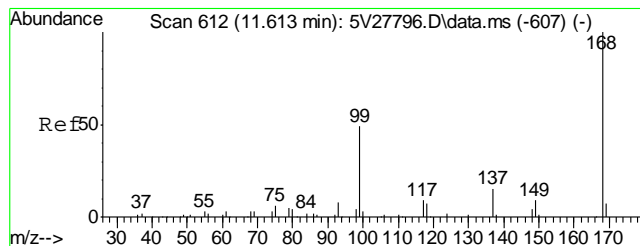
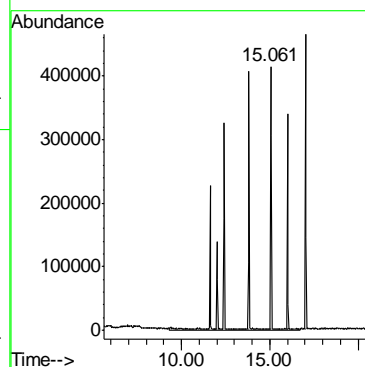
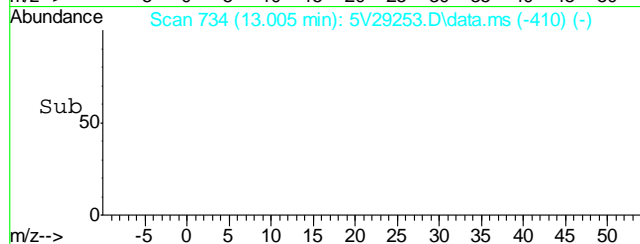
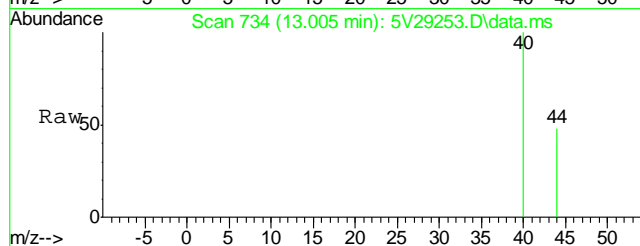
Quant Time: Sep 27 09:34:37 2013
Quant Method : C:\msdchem\1\METHODS\V5AP1728TVH1728.M
Quant Title : 8260
QLast Update : Tue Aug 20 09:59:22 2013
Response via : Initial Calibration





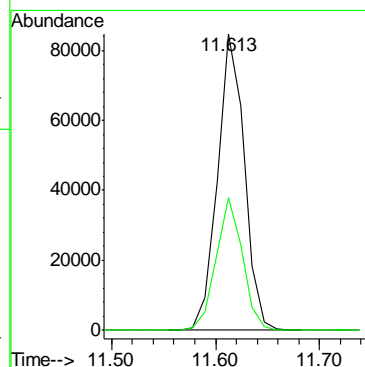
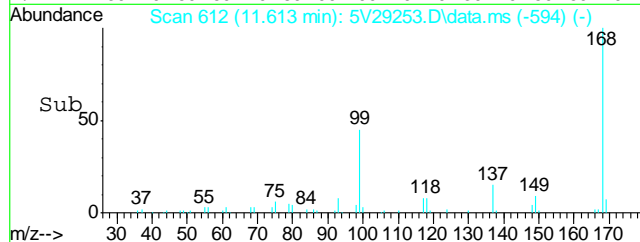
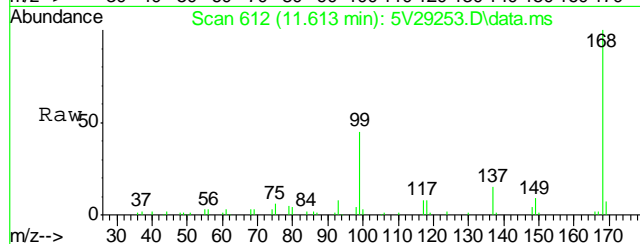
#1
TVH-Gasoline
Concen: 54.34 ug/l m
RT: 13.006 min Scan# 734
Delta R.T. 0.000 min
Lab File: 5V29253.D
Acq: 26 Sep 2013 9:33 am

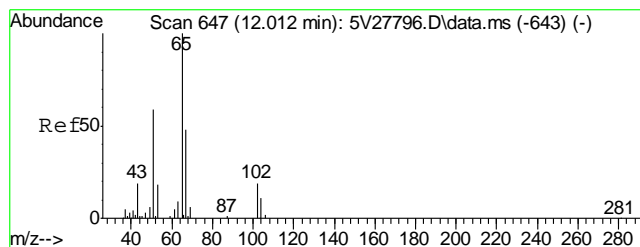
Tgt Ion:TIC Resp: -47449



#2
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 11.613 min Scan# 612
Delta R.T. -0.000 min
Lab File: 5V29253.D
Acq: 26 Sep 2013 9:33 am

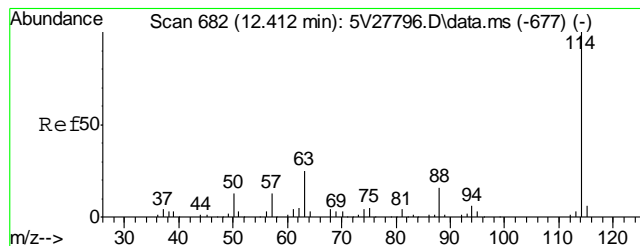
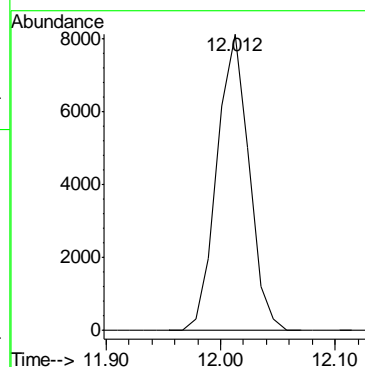
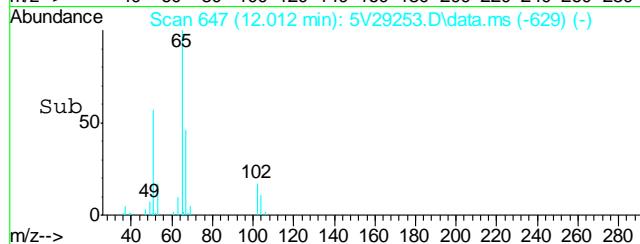
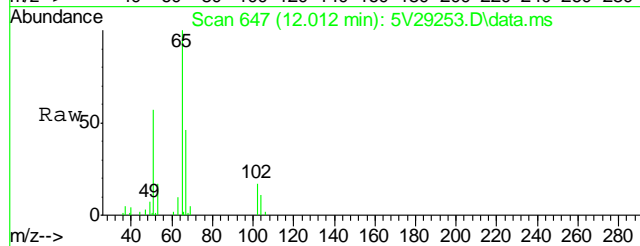
Tgt Ion:168 Resp: 152367
Ion Ratio Lower Upper
168 100
99 44.0 41.4 62.2





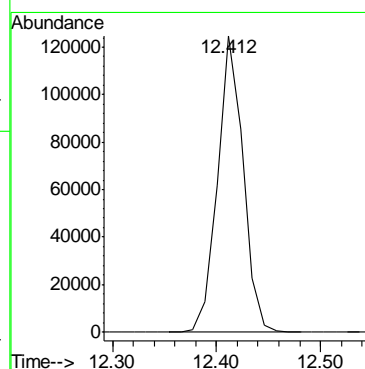
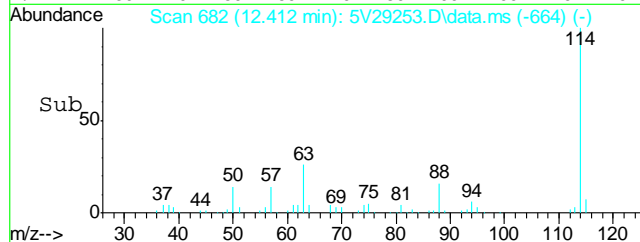
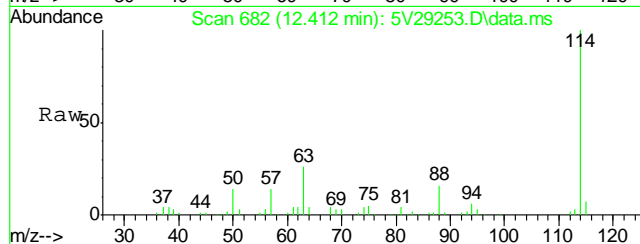
#35
1,2-Dichloroethane-d4
Concen: 51.17 ug/l
RT: 12.012 min Scan# 647
Delta R.T. -0.000 min
Lab File: 5V29253.D
Acq: 26 Sep 2013 9:33 am

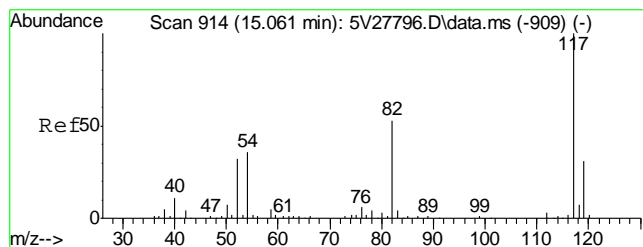
Tgt Ion:102 Resp: 15843



#37
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 12.412 min Scan# 682
Delta R.T. -0.000 min
Lab File: 5V29253.D
Acq: 26 Sep 2013 9:33 am

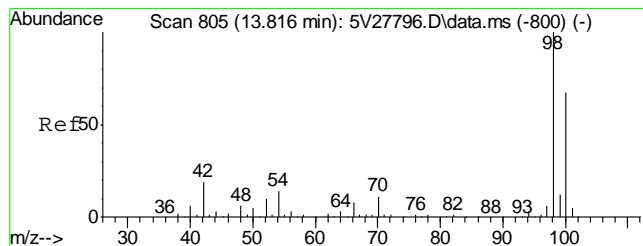
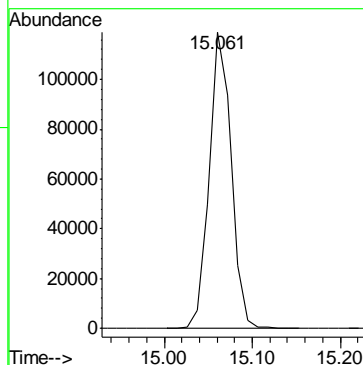
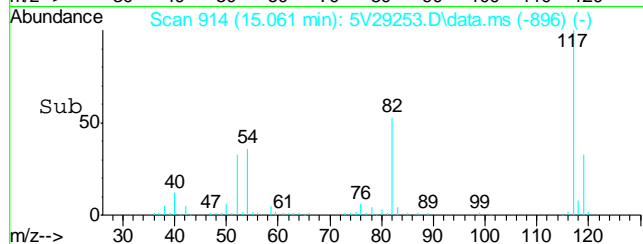
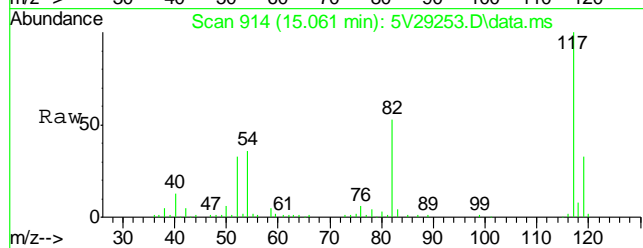
Tgt Ion:114 Resp: 213561





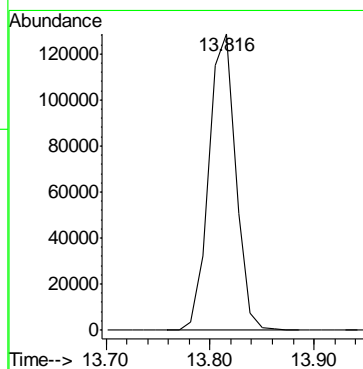
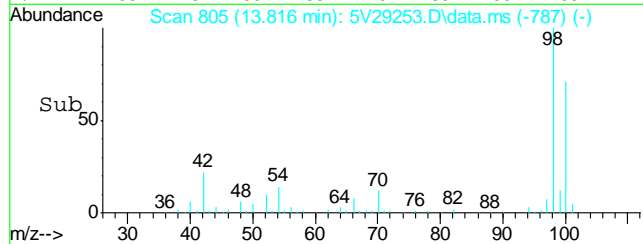
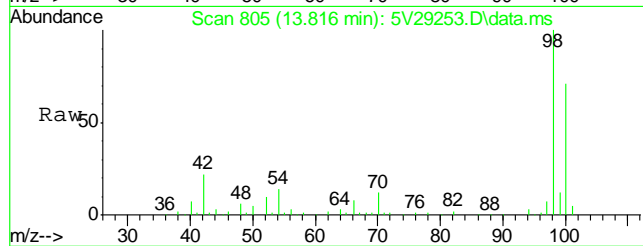
#56
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 15.061 min Scan# 914
Delta R.T. -0.000 min
Lab File: 5V29253.D
Acq: 26 Sep 2013 9:33 am

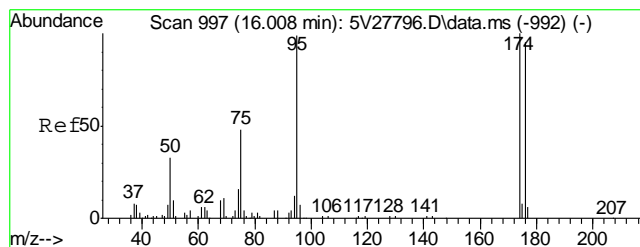
Tgt Ion:117 Resp: 205133



#64
Toluene-d8
Concen: 49.95 ug/l
RT: 13.816 min Scan# 805
Delta R.T. -0.000 min
Lab File: 5V29253.D
Acq: 26 Sep 2013 9:33 am

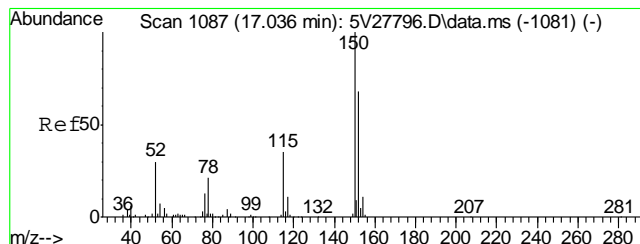
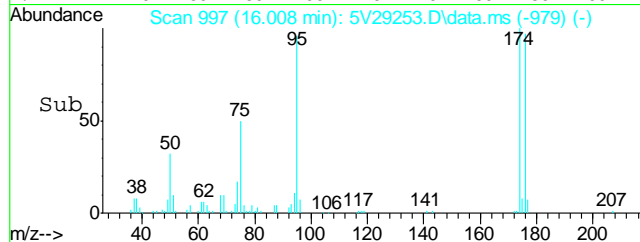
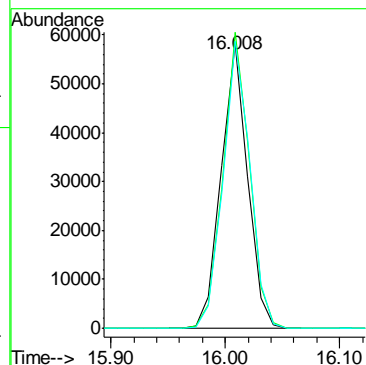
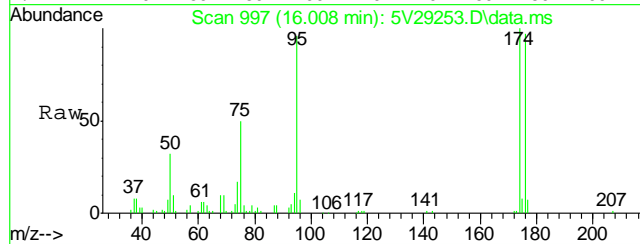
Tgt Ion: 98 Resp: 232139





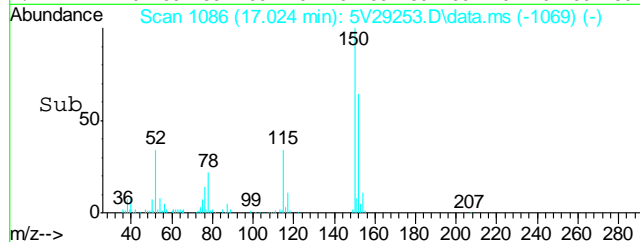
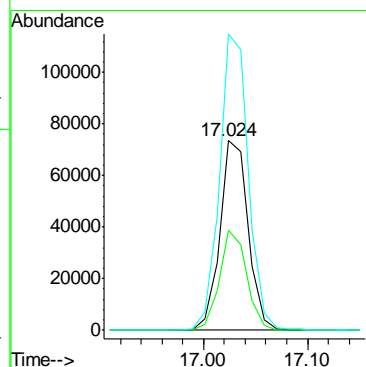
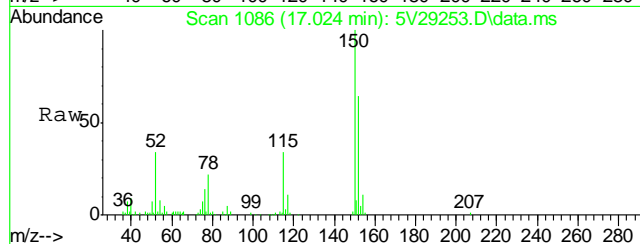
#72
4-Bromofluorobenzene
Concen: 43.14 ug/l
RT: 16.008 min Scan# 997
Delta R.T. -0.000 min
Lab File: 5V29253.D
Acq: 26 Sep 2013 9:33 am

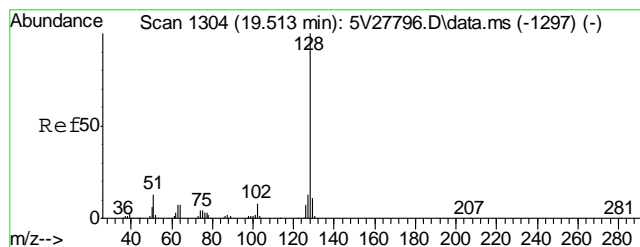
Tgt Ion	Resp	Lower	Upper
95	100		
174	104.3	85.4	125.4
176	102.8	80.6	120.6



#77
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 17.024 min Scan# 1086
Delta R.T. -0.011 min
Lab File: 5V29253.D
Acq: 26 Sep 2013 9:33 am

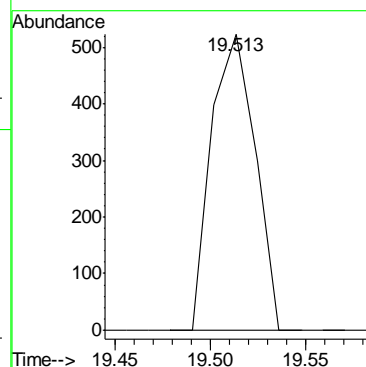
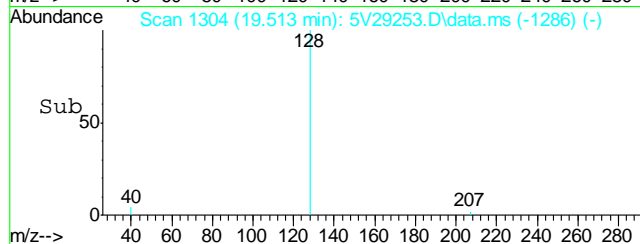
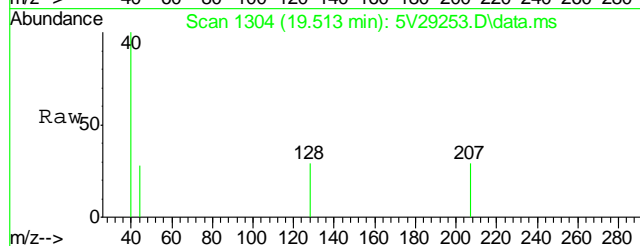
Tgt Ion	Resp	Lower	Upper
152	100		
115	50.7	43.4	65.2
150	159.2	142.9	214.3





#94
Naphthalene
Concen: 0.94 ug/l
RT: 19.513 min Scan# 1304
Delta R.T. 0.000 min
Lab File: 5V29253.D
Acq: 26 Sep 2013 9:33 am

Tgt Ion: 128 Resp: 836



GC 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: D50830
Account: XTOKRWR XTO Energy
Project: PCU T25-21G

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GGB1225-MB	GB22269.D	1	09/24/13	EV	n/a	n/a	GGB1225

The QC reported here applies to the following samples: Method: SW846 8015B

D50830-1

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	10	5.0	mg/kg	

CAS No.	Surrogate Recoveries	Limits
120-82-1	1,2,4-Trichlorobenzene	81% 60-140%

Blank Spike Summary

Job Number: D50830
Account: XTOKRWR XTO Energy
Project: PCU T25-21G

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GGB1225-BS	GB22270.D	1	09/24/13	EV	n/a	n/a	GGB1225

The QC reported here applies to the following samples: Method: SW846 8015B

D50830-1

CAS No.	Compound	Spike mg/kg	BSP mg/kg	BSP %	Limits
	TPH-GRO (C6-C10)	110	109	99	70-130

CAS No.	Surrogate Recoveries	BSP	Limits
120-82-1	1,2,4-Trichlorobenzene	93%	60-140%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: D50830
Account: XTOKRWR XTO Energy
Project: PCU T25-21G

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
D50798-1MS	GB22272.D	1	09/24/13	EV	n/a	n/a	GGB1225
D50798-1MSD	GB22273.D	1	09/24/13	EV	n/a	n/a	GGB1225
D50798-1	GB22271.D	1	09/24/13	EV	n/a	n/a	GGB1225

The QC reported here applies to the following samples: Method: SW846 8015B

D50830-1

CAS No.	Compound	D50798-1 mg/kg	Spike Q	mg/kg	MS mg/kg	MS %	MSD mg/kg	MSD %	RPD	Limits Rec/RPD
	TPH-GRO (C6-C10)	ND	136	136	100	137	101	1	70-130/30	

CAS No.	Surrogate Recoveries	MS	MSD	D50798-1	Limits
120-82-1	1,2,4-Trichlorobenzene	91%	95%	87%	60-140%

* = Outside of Control Limits.

GC Volatiles

Raw Data

6

Quantitation Report (QT Reviewed)

Signal #1 : Y:\1\DATA\092413\GB22287.D\FID1A.CH Vial: 22
Signal #2 : Y:\1\DATA\092413\GB22287.D\FID2B.CH
Acq On : 24 Sep 2013 10:55 pm Operator: ELISEV
Sample : D50830-1 Inst : GC/MS Ins
Misc : GC3895,GGB1225,5.035,,100,5,1 Multiplr: 1.00
IntFile Signal #1: TVH1.E IntFile Signal #2: FB2.E
Quant Time: Sep 25 08:33:40 2013 Quant Results File: TB1125GB1125SOIL.RES

Quant Method : C:\MSDCHEM\1...\TB1125GB1125SOIL.M (Chemstation Integrator)
Title : 8015B/8021B TVH/BTEX
Last Update : Wed Sep 25 08:31:56 2013
Response via : Initial Calibration
DataAcq Meth : TVB4.M

Volume Inj. :
Signal #1 Phase : DB-624 Signal #2 Phase: DB-624
Signal #1 Info : 0.53 mm Signal #2 Info : 0.53 mm

	Compound	R.T.	Response	Conc	Units

System Monitoring Compounds					
2) S	1,2,4-Trichlorobenzene	14.36	2300514	76.148 %	m
10) S	1,2,4-Trichlorobenzene (P)	14.36	10940560	82.852 %	m
Target Compounds					
1) H	TVH-Gasoline	7.30	14063559	0.200 mg/L	
4) T	Methyl-t-butyl-ether	0.00	0	N.D. ug/L	d
5) T	Benzene	0.00	0	N.D. ug/L	d
6) T	Toluene	7.66	87344	0.236 ug/L	
7) T	Ethylbenzene	10.24	205309	0.659 ug/L	
8) T	m,p-Xylene	10.44	478866	1.269 ug/L	
9) T	o-Xylene	10.97	55357	0.177 ug/L	m
11) T	Naphthalene	0.00	0	N.D. ug/L	d

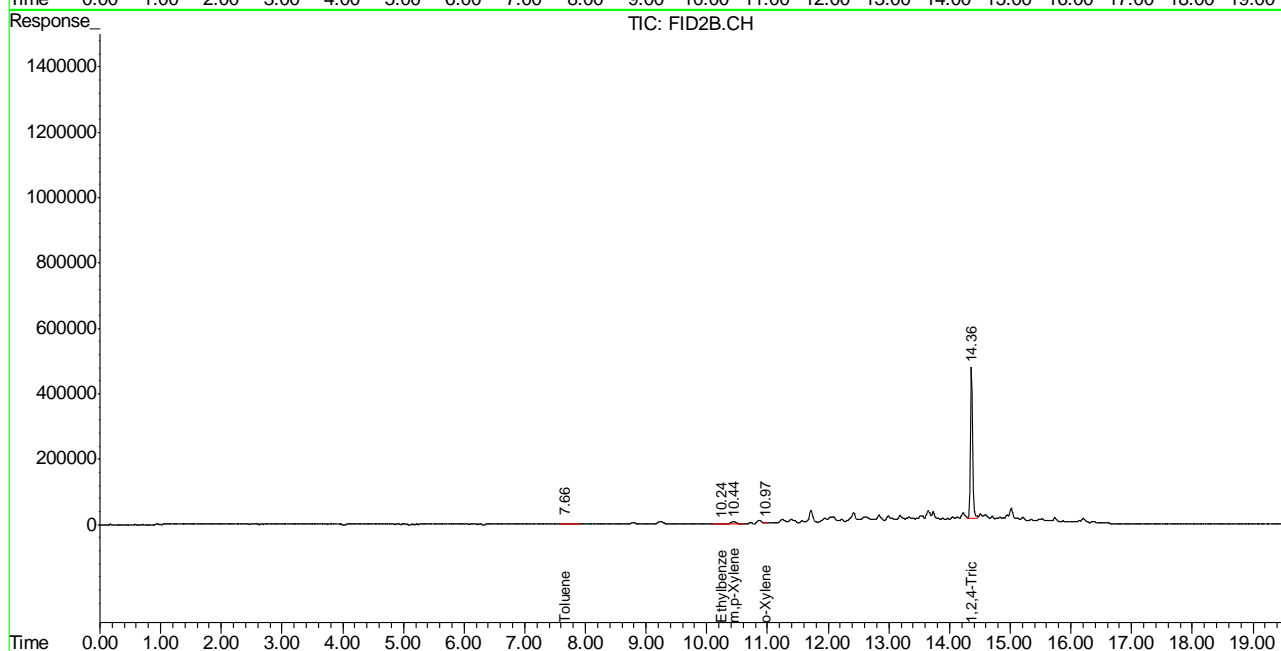
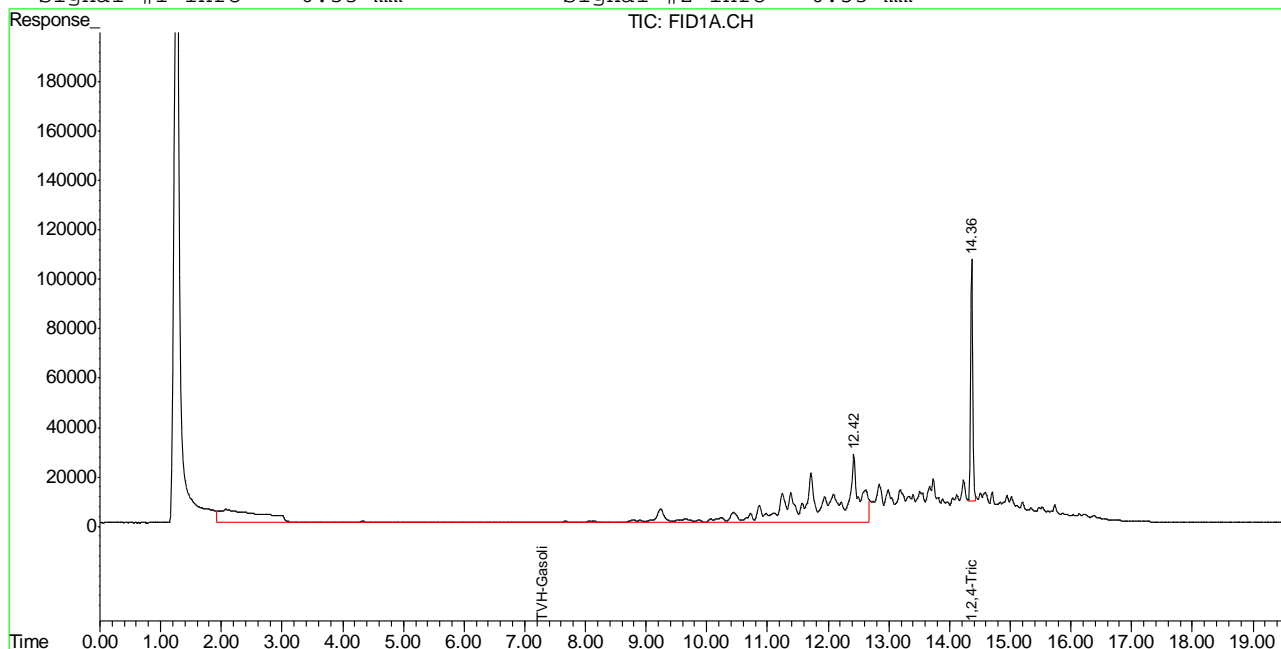
9.1.1
9

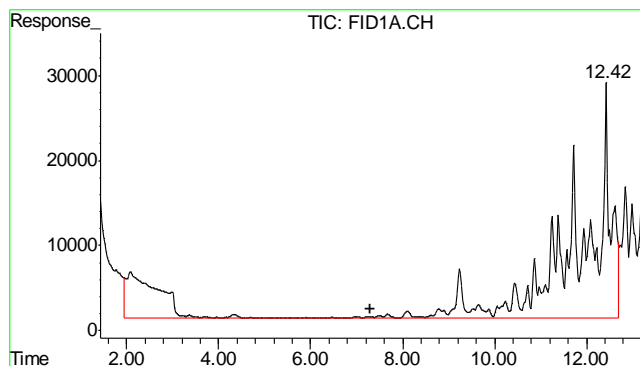
Quantitation Report (QT Reviewed)

Signal #1 : Y:\1\DATA\092413\GB22287.D\FID1A.CH Vial: 22
 Signal #2 : Y:\1\DATA\092413\GB22287.D\FID2B.CH
 Acq On : 24 Sep 2013 10:55 pm Operator: ELISEV
 Sample : D50830-1 Inst : GC/MS Ins
 Misc : GC3895,GGB1225,5.035,,100,5,1 Multiplr: 1.00
 IntFile Signal #1: TVH1.E IntFile Signal #2: FB2.E
 Quant Time: Sep 25 9:04 2013 Quant Results File: TB1125GB1125SOIL.RES

Quant Method : C:\MSDCHEM\1...\TB1125GB1125SOIL.M (Chemstation Integrator)
 Title : 8015B/8021B TVH/BTEX
 Last Update : Wed Sep 25 08:31:56 2013
 Response via : Multiple Level Calibration
 DataAcq Meth : TVB4.M

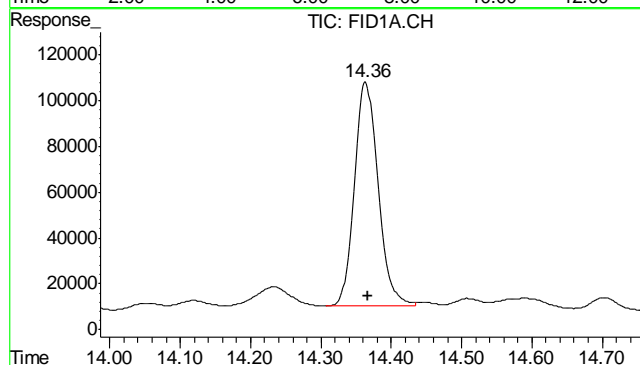
Volume Inj. :
 Signal #1 Phase : DB-624 Signal #2 Phase: DB-624
 Signal #1 Info : 0.53 mm Signal #2 Info : 0.53 mm





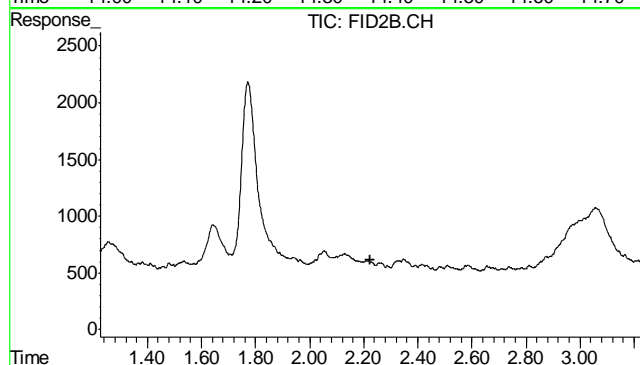
#1 TVH-Gasoline

R.T.: 7.305 min
Delta R.T.: 0.000 min
Response: 14063559
Conc: 0.20 mg/L m



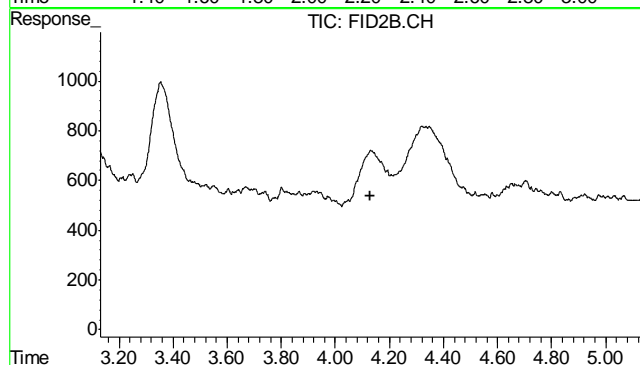
#2 1,2,4-Trichlorobenzene

R.T.: 14.363 min
Delta R.T.: -0.004 min
Response: 2300514
Conc: 76.15 % m



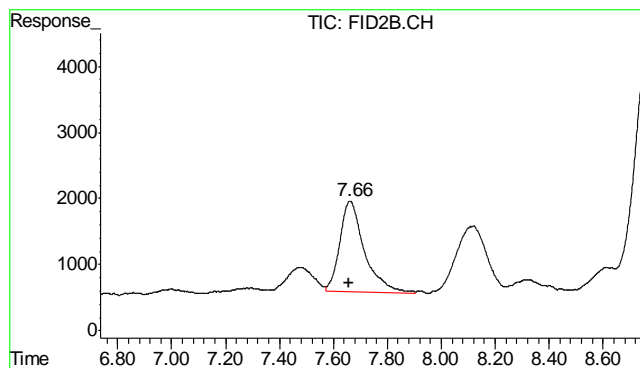
#4 Methyl-t-butyl-ether

R.T.: 0.000 min
Exp R.T.: 2.225 min
Response: 0
Conc: N.D.

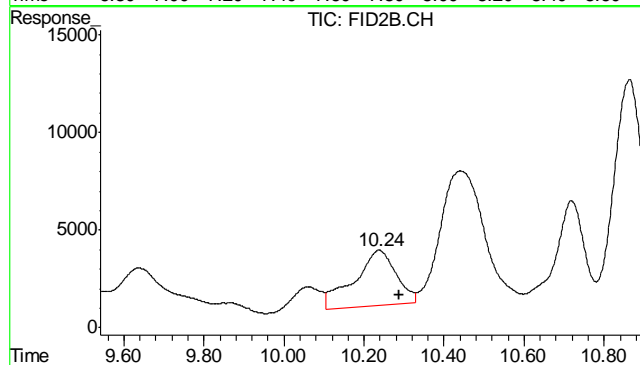


#5 Benzene

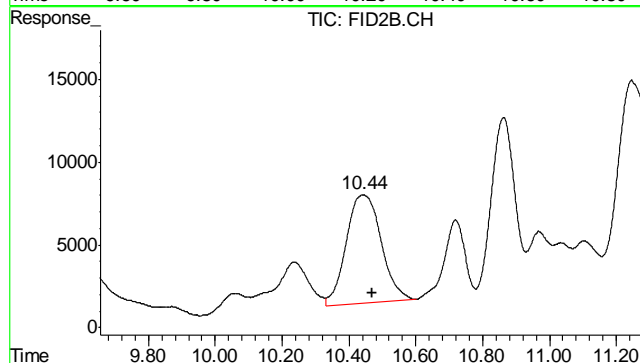
R.T.: 0.000 min
Exp R.T.: 4.131 min
Response: 0
Conc: N.D.



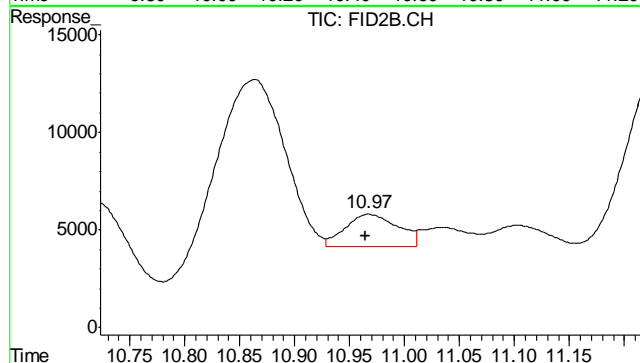
#6 Toluene
 R.T.: 7.662 min
 Delta R.T.: 0.003 min
 Response: 87344
 Conc: 0.24 ug/L



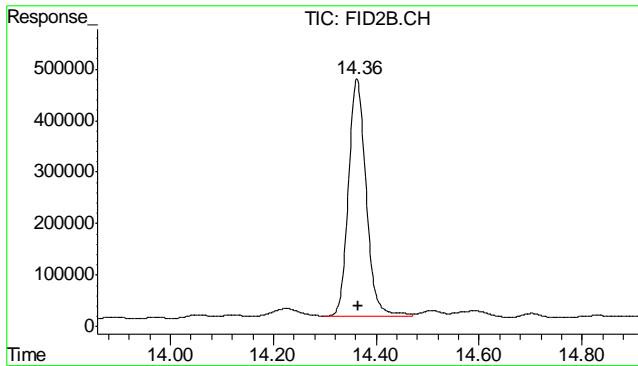
#7 Ethylbenzene
 R.T.: 10.237 min
 Delta R.T.: -0.051 min
 Response: 205309
 Conc: 0.66 ug/L



#8 m,p-Xylene
 R.T.: 10.441 min
 Delta R.T.: -0.028 min
 Response: 478866
 Conc: 1.27 ug/L

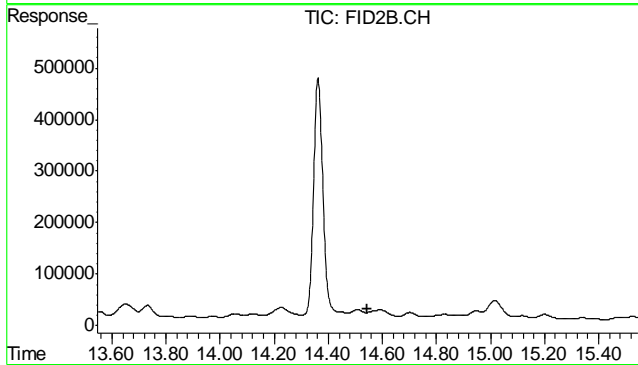


#9 o-Xylene
 R.T.: 10.966 min
 Delta R.T.: 0.002 min
 Response: 55357
 Conc: 0.18 ug/L



#10 1,2,4-Trichlorobenzene (P)

R.T.: 14.362 min
Delta R.T.: -0.003 min
Response: 10940560
Conc: 82.85 % m



#11 Naphthalene

R.T.: 0.000 min
Exp R.T. : 14.546 min
Response: 0
Conc: N.D.

Jennifer Laidlaw
09/25/13 09:50

Quantitation Report (QT Reviewed)

Signal #1 : Y:\1\DATA\092413\GB22269.D\FID1A.CH Vial: 4
Signal #2 : Y:\1\DATA\092413\GB22269.D\FID2B.CH
Acq On : 24 Sep 2013 11:43 am Operator: ELISEV
Sample : MB, S Inst : GC/MS Ins
Misc : GC3895,GGB1225,5.000,,100,5,1 Multiplr: 1.00
IntFile Signal #1: TVH1.E IntFile Signal #2: FB2.E
Quant Time: Sep 25 08:32:27 2013 Quant Results File: TB1125GB1125SOIL.RES

Quant Method : C:\MSDCHEM\1...\TB1125GB1125SOIL.M (Chemstation Integrator)
Title : 8015B/8021B TVH/BTEX
Last Update : Wed Sep 25 08:31:56 2013
Response via : Initial Calibration
DataAcq Meth : TVB4.M

Volume Inj. :
Signal #1 Phase : DB-624 Signal #2 Phase: DB-624
Signal #1 Info : 0.53 mm Signal #2 Info : 0.53 mm

Compound		R.T.	Response	Conc Units	

System Monitoring Compounds					
2) S	1,2,4-Trichlorobenzene	14.36	2444106	80.901 %	m
10) S	1,2,4-Trichlorobenzene (P)	14.36	11099233	84.054 %	m
Target Compounds					
1) H	TVH-Gasoline	7.30	3986775	0.057	mg/L
4) T	Methyl-t-butyl-ether	0.00	0	N.D.	ug/L d
5) T	Benzene	0.00	0	N.D.	ug/L d
6) T	Toluene	7.65	164145	0.444	ug/L m
7) T	Ethylbenzene	0.00	0	N.D.	ug/L d
8) T	m,p-Xylene	10.46	188091	0.498	ug/L m
9) T	o-Xylene	0.00	0	N.D.	ug/L d
11) T	Naphthalene	14.54	38258	0.222	uq/L m

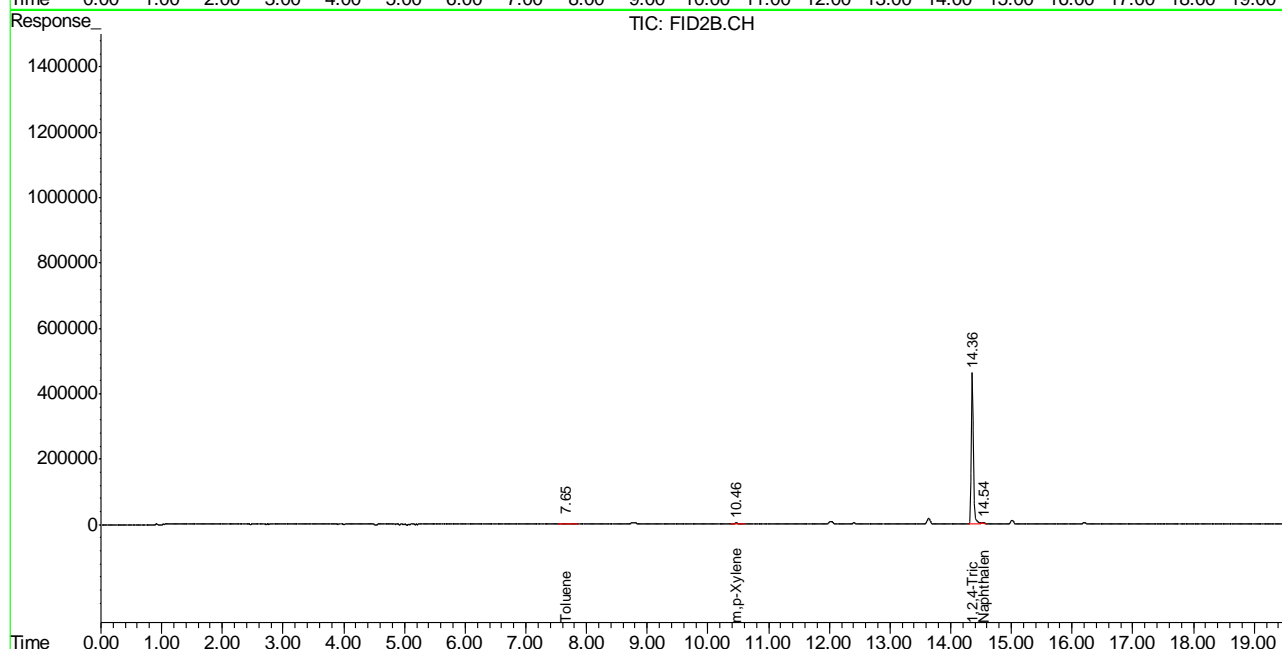
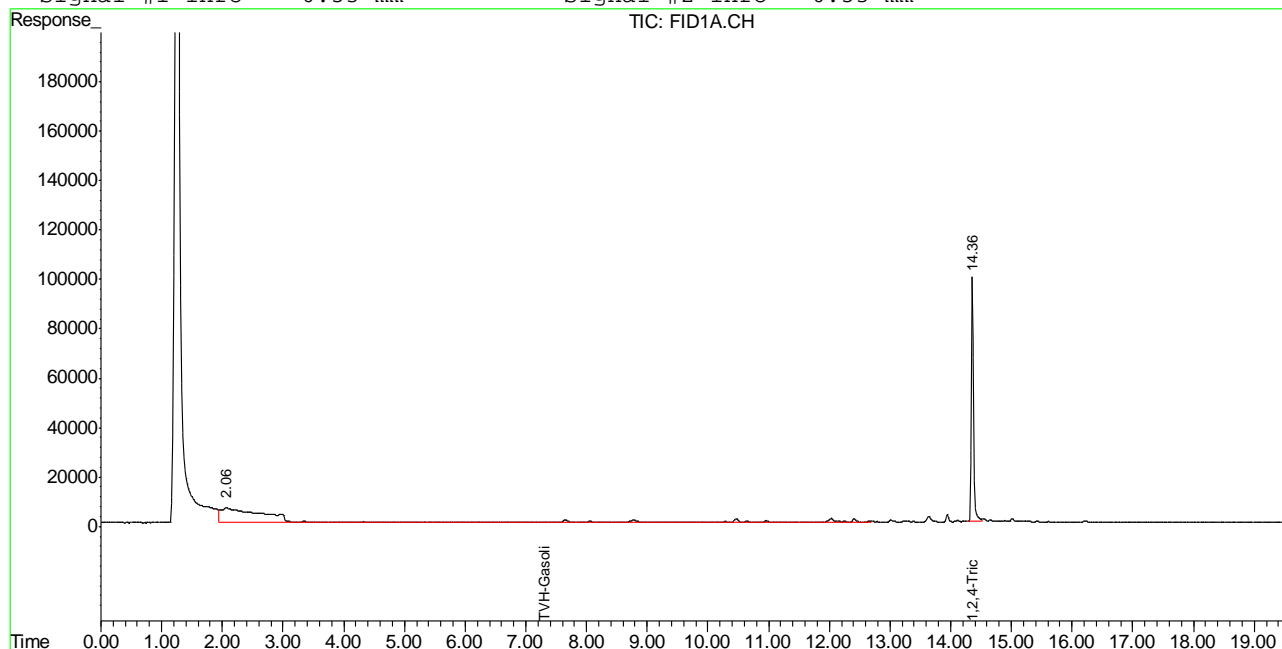
(f)=RT Delta > 1/2 Window (m)=manual int.
GB22269.D TB1125GB1125SOIL.M Wed Sep 25 08:59:33 2013 GC

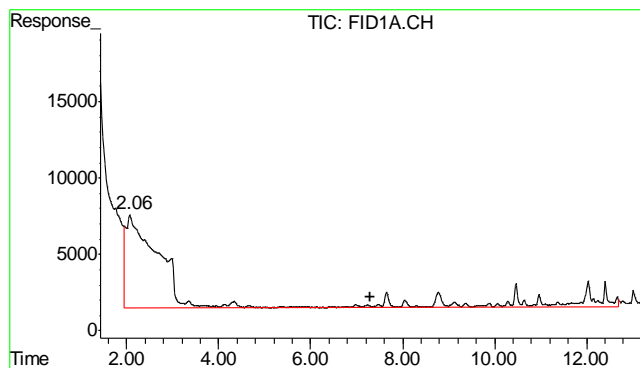
Quantitation Report (QT Reviewed)

Signal #1 : Y:\1\DATA\092413\GB22269.D\FID1A.CH Vial: 4
Signal #2 : Y:\1\DATA\092413\GB22269.D\FID2B.CH
Acq On : 24 Sep 2013 11:43 am Operator: ELISEV
Sample : MB, S Inst : GC/MS Ins
Misc : GC3895,GGB1225,5.000,,100,5,1 Multiplr: 1.00
IntFile Signal #1: TVH1.E IntFile Signal #2: FB2.E
Quant Time: Sep 25 8:42 2013 Quant Results File: TB1125GGB1125SOIL.RES

Quant Method : C:\MSDCHEM\1...\TB1125GGB1125SOIL.M (Chemstation Integrator)
Title : 8015B/8021B TVH/BTEX
Last Update : Wed Sep 25 08:31:56 2013
Response via : Multiple Level Calibration
DataAcq Meth : TVB4.M

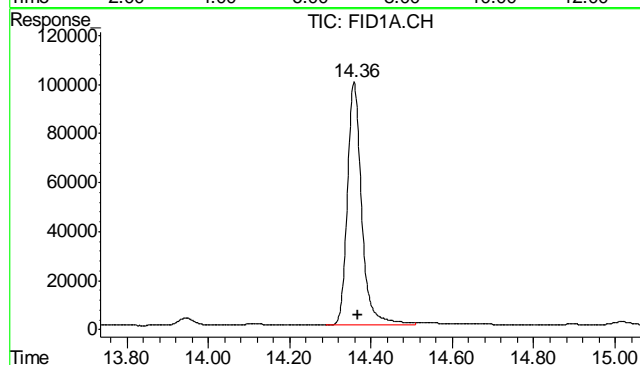
Volume Inj. :
Signal #1 Phase : DB-624 Signal #2 Phase: DB-624
Signal #1 Info : 0.53 mm Signal #2 Info : 0.53 mm





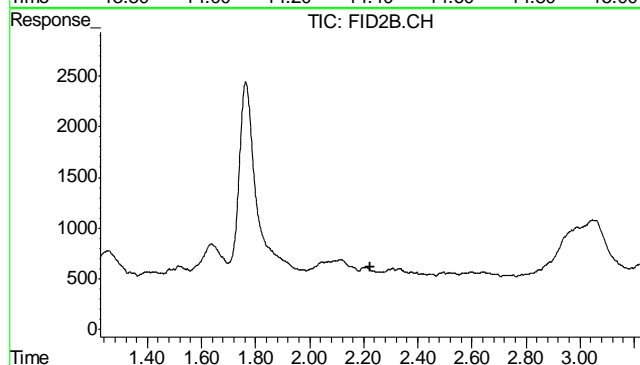
#1 TVH-Gasoline

R.T.: 7.305 min
Delta R.T.: 0.000 min
Response: 3986775
Conc: 0.06 mg/L m



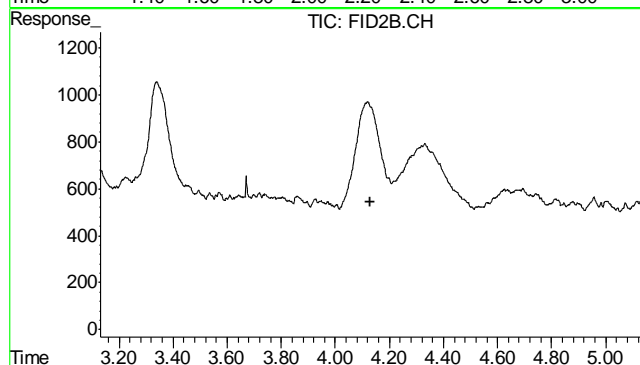
#2 1,2,4-Trichlorobenzene

R.T.: 14.358 min
Delta R.T.: -0.009 min
Response: 2444106
Conc: 80.90 % m



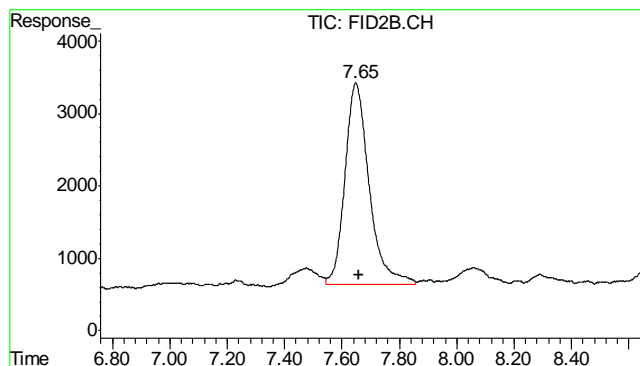
#4 Methyl-t-butyl-ether

R.T.: 0.000 min
Exp R.T.: 2.225 min
Response: 0
Conc: N.D.



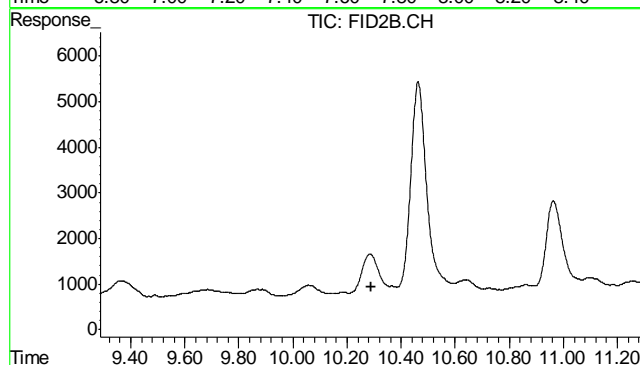
#5 Benzene

R.T.: 0.000 min
Exp R.T.: 4.131 min
Response: 0
Conc: N.D.



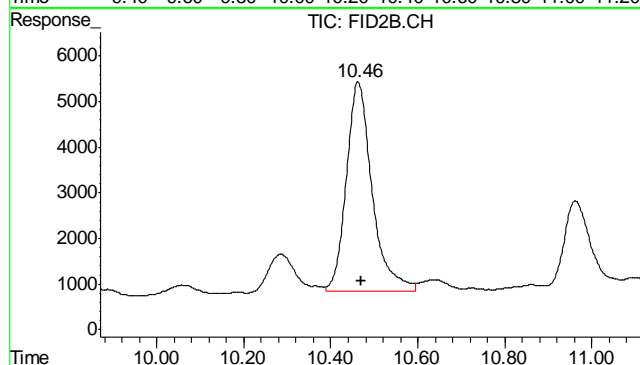
#6 Toluene

R.T.: 7.648 min
Delta R.T.: -0.011 min
Response: 164145
Conc: 0.44 ug/L m



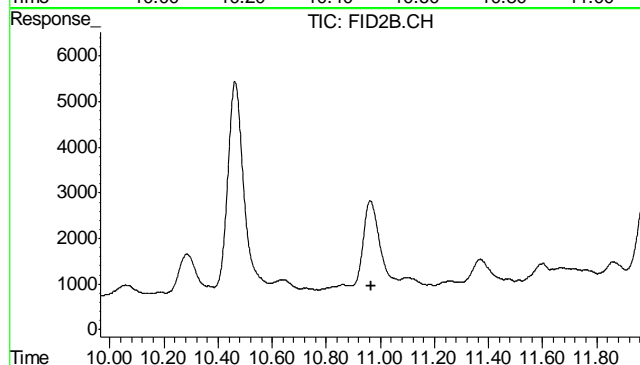
#7 Ethylbenzene

R.T.: 0.000 min
Exp R.T. : 10.288 min
Response: 0
Conc: N.D.



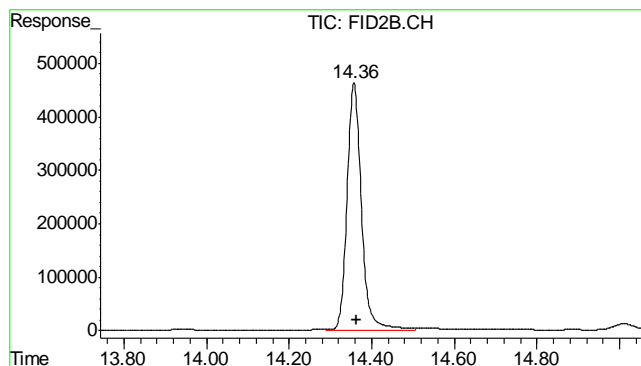
#8 m,p-Xylene

R.T.: 10.461 min
Delta R.T.: -0.008 min
Response: 188091
Conc: 0.50 ug/L m



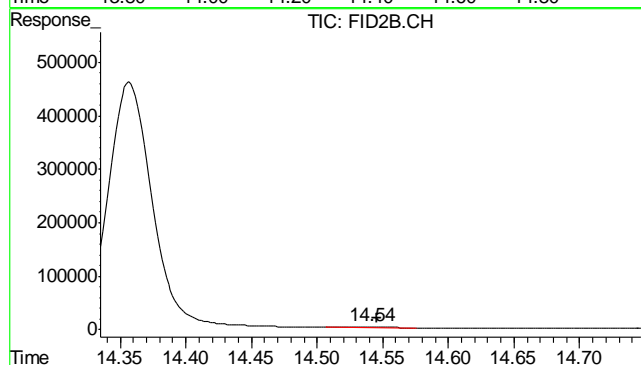
#9 o-Xylene

R.T.: 0.000 min
Exp R.T. : 10.964 min
Response: 0
Conc: N.D.



#10 1,2,4-Trichlorobenzene (P)

R.T.: 14.357 min
Delta R.T.: -0.008 min
Response: 11099233
Conc: 84.05 % m



#11 Naphthalene

R.T.: 14.540 min
Delta R.T.: -0.006 min
Response: 38258
Conc: 0.22 ug/L m

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

Page 1 of 1

Job Number: D50830
Account: XTOKRWR XTO Energy
Project: PCU T25-21G

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP8630-MB	FH013381.D	1	09/25/13	TU	09/25/13	OP8630	GFH710

The QC reported here applies to the following samples:

Method: SW846-8015B

D50830-1

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	6.7	5.0	mg/kg	

CAS No.	Surrogate Recoveries	Limits
84-15-1	o-Terphenyl	77% 20-130%

10.1.1
10

Blank Spike Summary

Page 1 of 1

Job Number: D50830
Account: XTOKRWR XTO Energy
Project: PCU T25-21G

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP8630-BS	FH013383.D	1	09/25/13	TU	09/25/13	OP8630	GFH710

The QC reported here applies to the following samples:

Method: SW846-8015B

D50830-1

CAS No.	Compound	Spike mg/kg	BSP mg/kg	BSP %	Limits
	TPH-DRO (C10-C28)	667	499	75	42-130

CAS No.	Surrogate Recoveries	BSP	Limits
84-15-1	o-Terphenyl	75%	20-130%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Page 1 of 1

Job Number: D50830
Account: XTOKRWR XTO Energy
Project: PCU T25-21G

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP8630-MS	FH013385.D	1	09/25/13	TU	09/25/13	OP8630	GFH710
OP8630-MSD	FH013387.D	1	09/25/13	TU	09/25/13	OP8630	GFH710
D50828-1	FH013389.D	1	09/25/13	TU	09/25/13	OP8630	GFH710

The QC reported here applies to the following samples:

Method: SW846-8015B

D50830-1

CAS No.	Compound	D50828-1 mg/kg	Spike mg/kg	MS mg/kg	MS %	MSD mg/kg	MSD %	RPD	Limits Rec/RPD
	TPH-DRO (C10-C28)	9.23	791	526	65	507	63	4	20-150/30

CAS No.	Surrogate Recoveries	MS	MSD	D50828-1	Limits
84-15-1	o-Terphenyl	65%	65%	74%	20-130%

* = Outside of Control Limits.



GC Semi-volatiles

Raw Data



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\FH092513.SEC\
 Data File : FH013401.D
 Signal(s) : FID2B.ch
 Acq On : 25 Sep 2013 11:04 pm
 Operator : TIMU
 Sample : D50830-1
 Misc : OP8630,GFH710,30.07,,,1,1
 ALS Vial : 73 Sample Multiplier: 1

Integration File: events.e
 Quant Time: Sep 26 08:28:13 2013
 Quant Method : C:\msdchem\1\METHODS\DRO-GFH689R.M
 Quant Title : DRO-ORO REAR
 QLast Update : Wed Sep 11 09:58:51 2013
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. :
 Signal Phase :
 Signal Info :

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
1) s o-Terphenyl	12.188	3214808114	1852.788 ug/ml
Target Compounds			
2) H TPH-DRO (C10-C28)	9.783	5656664247	4021.573 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

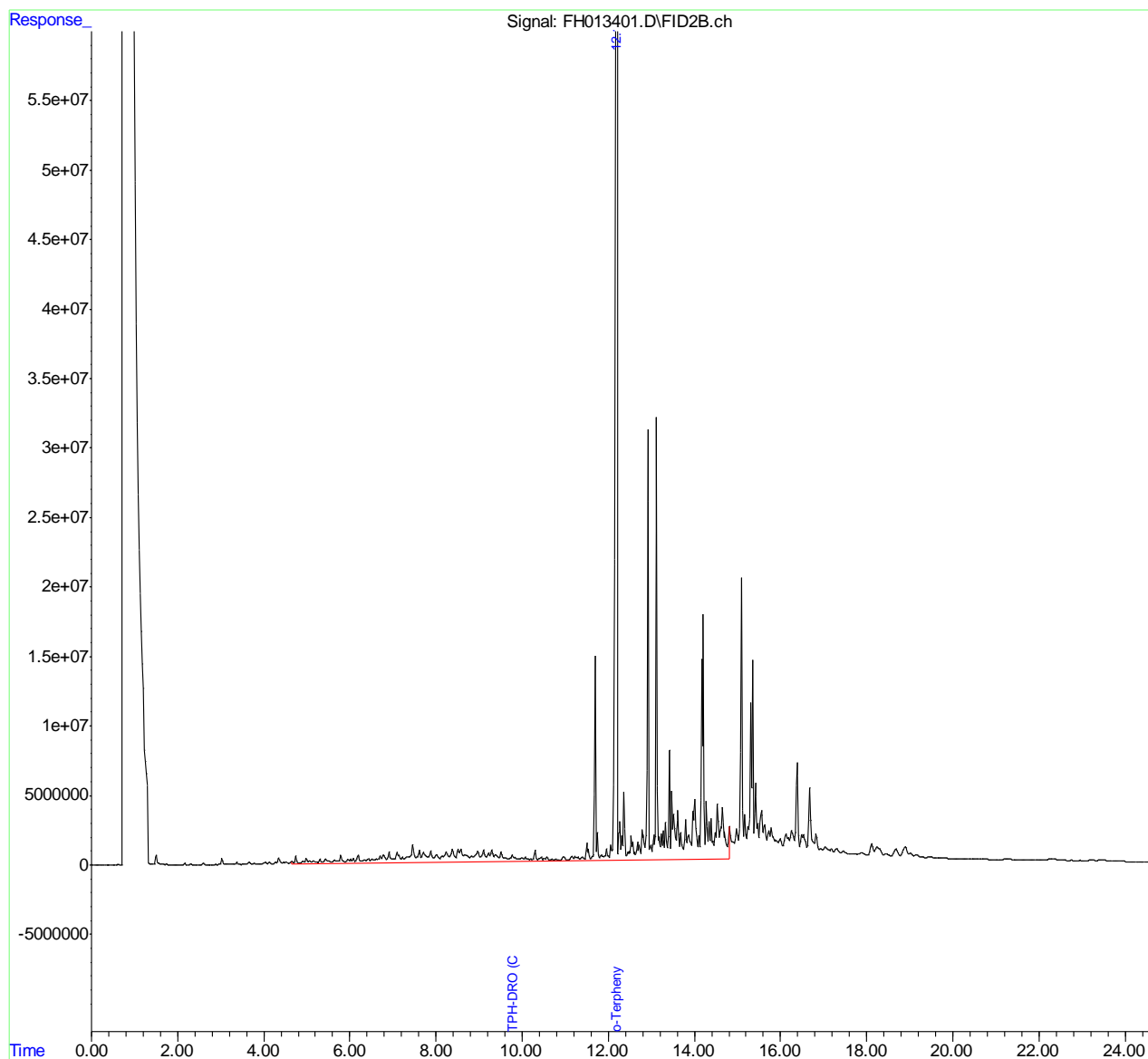
11.11
11

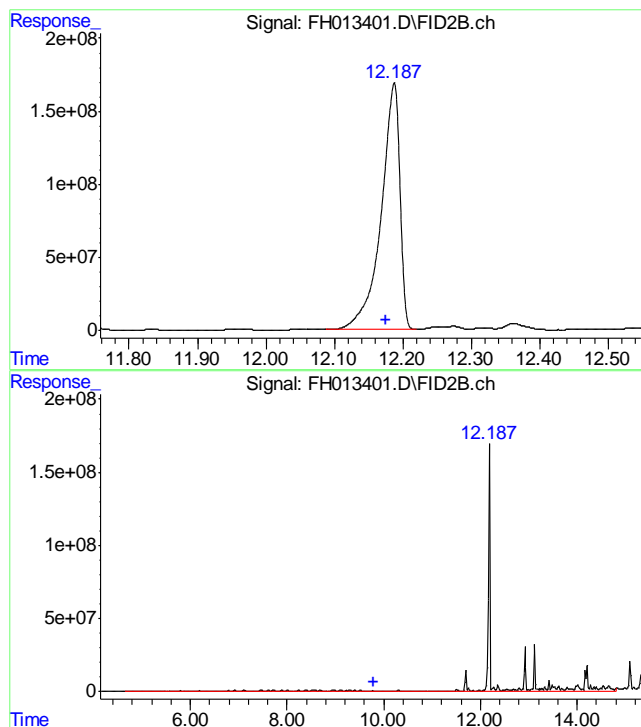
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\FH092513.SEC\
Data File : FH013401.D
Signal(s) : FID2B.ch
Acq On : 25 Sep 2013 11:04 pm
Operator : TIMU
Sample : D50830-1
Misc : OP8630,GFH710,30.07,,,1,1
ALS Vial : 73 Sample Multiplier: 1

Integration File: events.e
Quant Time: Sep 26 08:28:13 2013
Quant Method : C:\msdchem\1\METHODS\DRO-GFH689R.M
Quant Title : DRO-ORO REAR
QLast Update : Wed Sep 11 09:58:51 2013
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :





#1 o-Terphenyl

R.T.: 12.188 min
Delta R.T.: 0.013 min
Response: 3214808114
Conc: 1852.79 ug/ml

#2 TPH-DRO (C10-C28)

R.T.: 9.783 min
Delta R.T.: 0.000 min
Response: 5656664247
Conc: 4021.57 ug/ml m

11.1.1
11

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\FH092513.SEC\
Data File : FH013381.D
Signal(s) : FID2B.ch
Acq On : 25 Sep 2013 5:05 pm
Operator : TIMU
Sample : OP8630-MB
Misc : OP8630,GFH710,30.00,,,1,1
ALS Vial : 63 Sample Multiplier: 1

Integration File: events.e
Quant Time: Sep 26 08:21:30 2013
Quant Method : C:\msdchem\1\METHODS\DRO-GFH689R.M
Quant Title : DRO-ORO REAR
QLast Update : Wed Sep 11 09:58:51 2013
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
1) s o-Terphenyl	12.187	2681575113	1545.470 ug/ml
Target Compounds			
2) H TPH-DRO (C10-C28)	9.783	67539585	48.017 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

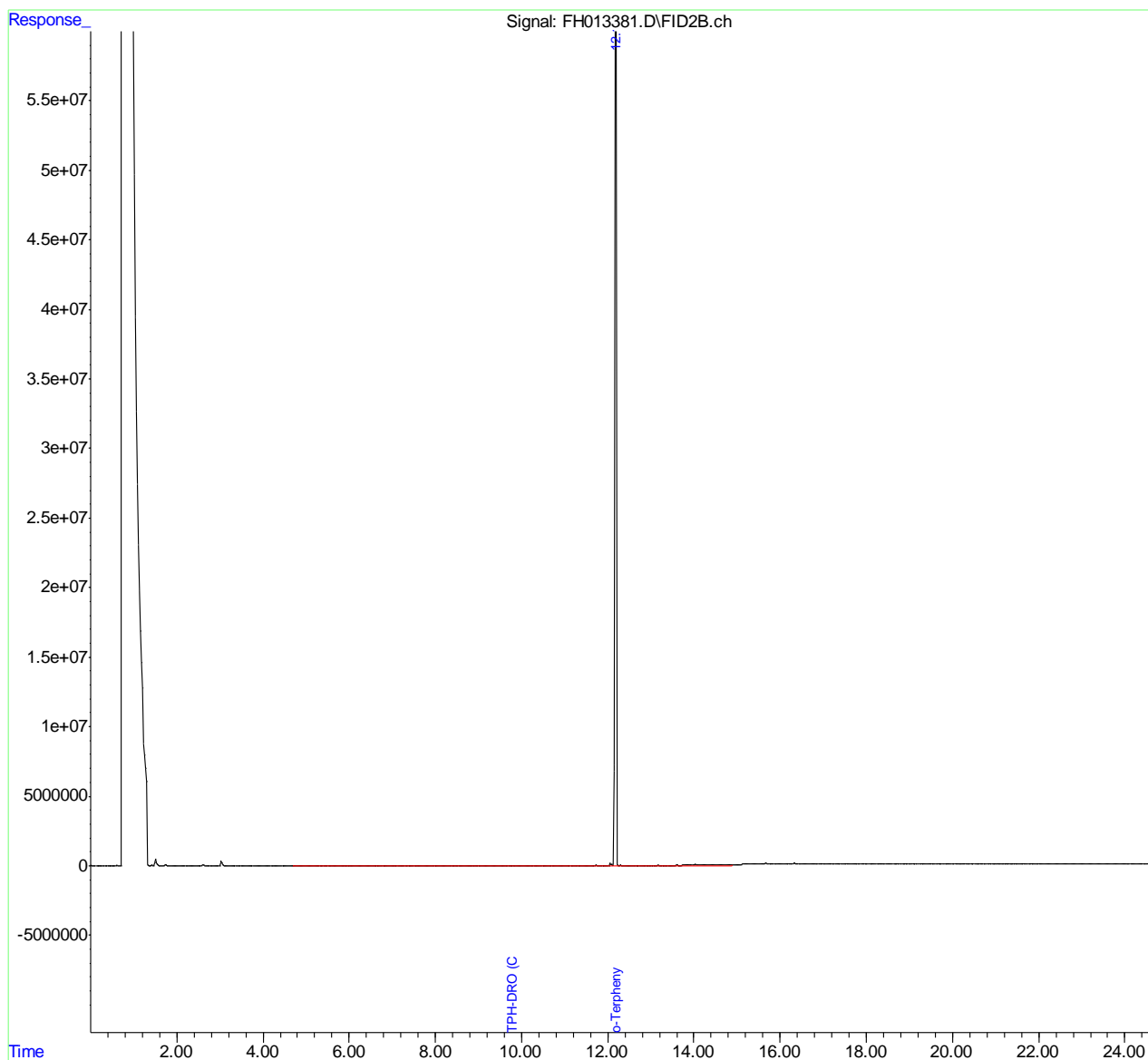
11.21
11

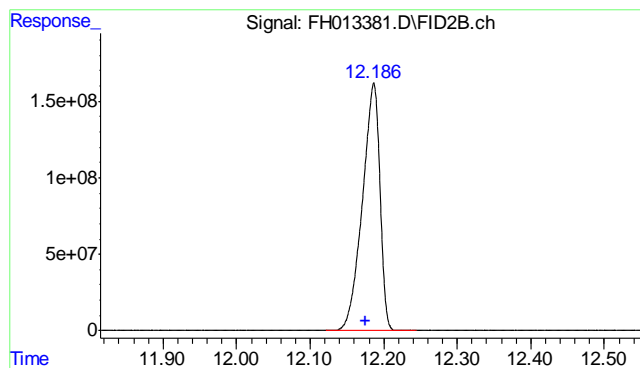
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\FH092513.SEC\
Data File : FH013381.D
Signal(s) : FID2B.ch
Acq On : 25 Sep 2013 5:05 pm
Operator : TIMU
Sample : OP8630-MB
Misc : OP8630,GFH710,30.00,,,1,1
ALS Vial : 63 Sample Multiplier: 1

Integration File: events.e
Quant Time: Sep 26 08:21:30 2013
Quant Method : C:\msdchem\1\METHODS\DRO-GFH689R.M
Quant Title : DRO-ORO REAR
QLast Update : Wed Sep 11 09:58:51 2013
Response via : Initial Calibration
Integrator: ChemStation

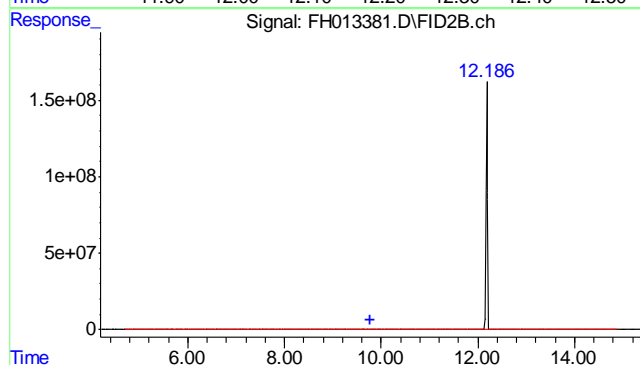
Volume Inj. :
Signal Phase :
Signal Info :





#1 o-Terphenyl

R.T.: 12.187 min
Delta R.T.: 0.012 min
Response: 2681575113
Conc: 1545.47 ug/ml



#2 TPH-DRO (C10-C28)

R.T.: 9.783 min
Delta R.T.: 0.000 min
Response: 67539585
Conc: 48.02 ug/ml m

11.2.1
11