

OCTOBER 2017 - REMEDIAL INVESTIGATION REPORT



AEI Consultants

Environmental & Engineering Services

October 10, 2017

REMEDIAL INVESTIGATION REPORT

Property Identification:

4778 Broadway
Manhattan, New York County, New York 10034

Block 2233, Lot 10
NYSDEC Spill Case # 1700751

AEI Project No. 344060

Prepared for:

The Estate of Andres Vazquez and Donald F. Conway in his capacity
as Chapter 11 Trustee for the Bankruptcy Estate of Jose L. Vazquez
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1.0 INTRODUCTION

AEI Consultants (AEI) is pleased to provide this report which describes the activities and results of the Remedial Investigation (RI) performed at 4778 Broadway, located in New York, New York ("Site") in accordance with 6 NYCRR Part 375, Subparts 375-1 to 375- 4 & 375-6. This RI was completed in general accordance with New York State Department of Environmental Conservation (NYSDEC) DER-10/Technical Guidance for Site Investigation. The Site is part of a Chapter 11 bankruptcy debtor's estate (the "Bankruptcy"), which is being administered by the U.S. Bankruptcy Court for the District of New Jersey, under Case No. 13-32632. AEI was engaged by Donald F. Conway, in his capacity as the Bankruptcy Trustee (the "Trustee") appointed by the Bankruptcy Court to administer the bankruptcy debtor's estate.

1.1 Site Description

The Site consists of a single-story former commercial car wash facility, located on the southeast side of Broadway, between Dyckman Street and Academy Street, in a commercial and residential area of the Manhattan, New York. The Site location is shown on Figure 1. The Site totals approximately 0.28 acre and is improved with a single-story 2,550 square foot commercial building which housed the car wash tunnel. The Site is currently vacant; however, the most recent occupant was Soft Touch Car Wash, whose operations included interior and exterior automobile cleaning. In addition to the building, the Site is improved with an asphalt paved parking area on the western portion of the Site. A site map is presented as Figure 2.

The Site is defined on the New York City Tax Department of Finance records as Block 2233, Lot 10.

1.2 Geology and Hydrogeology

Based on a review of the United States Geological Survey (USGS) Harlem, New York quadrangle Geologic Map, the area surrounding the Site is underlain by pelitic schist and gneiss deposits of the Manhattan Formation of the Ordovician-era. Based on a review of the United States Department of Agriculture (USDA) Soil Survey for the area, the soils in the vicinity of the Site are classified as the Urban land series. Urban Land describes soils that have been excavated, disturbed, and/or developed upon to the extent that the original soil profile is undistinguishable where at least 85 percent of the surface is covered with asphalt, concrete, or other impervious building materials. Typically, soils classified as Urban Land contain fill materials such as brick and concrete, and characteristics of Urban Land soils can only be determined direct investigation.

The Site slopes gradually to the south from an elevation of approximately 27 feet above mean sea level (AMSL) to 21 feet AMSL. Measurements of groundwater levels recorded on August 11,

2017 and the resultant elevations, appear to indicate that onsite groundwater flows towards the southwest. The Hudson River is located approximately 0.38 miles to the west of the Site.

1.3 Summary of Previous Investigations

AEI completed a Phase II at the Site on March 30, 2017, at the request of the Trustee in preparation for the proposed Bankruptcy sale of the Site in order to identify potential environmental impacts.

A geophysical survey conducted during the Phase II identified two areas of disturbed soil on the northern portion of the Site. The area of disturbed soil located near the car wash tunnel building along the northeastern portion of the asphalt parking lot, suggested an anomaly consistent with that of an underground storage tank (UST).

A total of four (4) soil borings, two (2) temporary well points, one (1) interior sub-slab vapor sample, and one (1) exterior soil gas sample were collected at the Site.

Analysis of soil samples AEI-SB3 and AEI-SB4, collected in the area of the former historic gasoline filling station USTs, identified various volatile organic compounds (VOCs) at concentrations which exceed their respective NYSDEC Restricted Commercial Use Soil Cleanup Objectives (RCUSCOs) and the NYSDEC Residential Use Soil Cleanup Objectives (RUSCOs). Analysis of soil sample AEI-SB2, collected in the central portion of the Site, did not identify any exceedances of NYSDEC RCUSCOs or RUSCOs.

Analysis of groundwater sample TWP-SB3, collected in the area of the former historic gasoline filling station USTs, identified various VOCs and polycyclic aromatic hydrocarbon (PAHs) at concentrations which exceed their respective NYSDEC Groundwater Quality Standards (GQSs). Groundwater sample TWP-SB1, collected from the southern portion of Site, revealed concentrations of PAHs in exceedance of NYSDEC GQSs; however, the presence of these compounds is likely the result of fill material present in the subsurface.

With respect to the soil gas and sub-slab vapor samples collected, ethylbenzene was detected in sub-slab soil vapor sample SV-01 at a concentration above the United States Environmental Protection Agency (USEPA) Vapor Intrusion Screening Level (VISL) for a commercial scenario and benzene was detected in soil gas sample SG-01 at a concentration above the EPA VISL for a residential scenario. Furthermore, the ethylbenzene concentration detected in sub-slab vapor sample SV-01 exceeds the New York State Department of Health (NYSDOH) Matrix A recommended concentration for vapor mitigation of 60 micrograms per cubic meter ($\mu\text{g}/\text{m}^3$), but

is below the Matrix B recommended concentration of 1,000 ug/m³ for vapor mitigation. The NYSDOH does not currently have a published vapor intrusion screening level for ethylbenzene.

Based on the VOC concentrations detected in soil above their respective NYSDEC RCUSCOs or RUSCOs, the VOC and PAH concentrations detected in groundwater in exceedance of NYS GQSs, and the ethylbenzene concentrations detected in the sub-slab soil vapor sample, the NYSDEC Spill Hotline was called and the release was reported, resulting in the issuance of Spill Number #1700751. Additional investigation was recommended to further delineate and characterize the magnitude and extent of VOCs in soil and groundwater proximal to the Site.

2.0 REMEDIAL INVESTIGATION ACTIVITIES

2.1 Permits and Utility Clearance

Drilling permits were not required for this investigation. The public underground utility locating service, New York 811 or Dig Safely New York, was notified to identify public utilities in the work area. Private utility locating was conducted by Ground Penetrating Radar Service (GPRS) of Toledo, Ohio, to identify underground utilities on the Site.

2.2 Geophysical Survey

On July 11, 2017, a geophysical survey was conducted by GPRS. The purpose of the survey was to locate subsurface anomalies and utilities near the proposed borings and provide boring safety clearance. The geophysical survey was conducted using ground penetrating radar (GPR). GPRS conducted the survey in a grid pattern around each of the proposed boring locations.

2.3 Drilling and Soil Sample Collection

On July 11, 2017, a total of eight (8) borings, AEI-SB5 through AEI-SB12, were advanced at the Site as illustrated on Figure 3. A total of twelve (12) soil samples were collected from the borings. The borings were advanced by Enviroprobe Service, Inc. (Enviroprobe) using a track-mounted direct-push drill rig. The borings were advanced to depths ranging from 8 to 20 feet below ground surface (bgs). The location of each boring is listed below, and depicted on Figure 3:

- AEI-SB5 was advanced on the northeastern portion of the Site, in the asphalt paved area to the east of the UST anomaly identified by GPR during the Phase II. This soil boring was also converted to a temporary well point for the purpose of groundwater sampling.
- AEI-SB6 was advanced on the western portion of the Site, in the asphalt paved area near the western adjacent grocery store. This soil boring was also converted to a temporary well point for the purpose of groundwater sampling.
- AEI-SB7 was advanced on the northwestern portion of the Site, in the concrete paved area near the western adjacent grocery store, to the north of AEI-SB6. This soil boring was also converted to a temporary well point for the purpose of groundwater sampling.

- AEI-SB8 was advanced on the northwestern portion of the Site, in the concrete paved area near entrance to the Site, to the north of AEI-SB7. This soil boring was also converted to a temporary well point for the purpose of groundwater sampling.
- AEI-SB9 was advanced on the northern portion of the Site, in the concrete paved area near entrance to the Site, to the east of AEI-SB8. This soil boring was also converted to a temporary well point for the purpose of groundwater sampling.
- AEI-SB10 was advanced in the northeastern corner of the Site, in the concrete paved area under the overhang of the building. This soil boring was also converted to a temporary well point for the purpose of groundwater sampling.
- AEI-SB11 was advanced in the northeastern portion of the Site, in the concrete paved area under the overhang of the building and to the south of AEI-SB10. This soil boring was also converted to a temporary well point for the purpose of groundwater sampling.
- AEI-SB12 was advanced in the northeastern portion of the Site, within the former car wash building. This soil boring was also converted to a temporary well point for the purpose of groundwater sampling.

The borings were advanced using 2.25-inch outer diameter MacroCore® samplers (rods) and samples were collected by advancing the rods with acetate sample liners in approximately five-foot intervals. After each interval, the core was retrieved, core barrel disassembled, and the sample liner was removed and transferred to the onsite geologist.

The recovered soil in the sample liners were measured and soils logged using the Unified Soil Classification System. A photo ionization detector (PID) was used to screen soils in the field and the PID readings are included on each boring log (Appendix A). The samples were placed in laboratory-supplied containers and submitted under chain-of-custody in an ice-filled cooler to a NY-certified analytical laboratory, Alpha Analytical of Westborough, Massachusetts.

2.4 Temporary Well Point Groundwater Sample Collection

Groundwater samples were collected at borings AEI-SB5 through AEI-SB12 from temporary PVC well points inserted into the boreholes. Groundwater samples were collected using disposable bailers and placed into laboratory supplied containers.

2.5 Investigation Derived Waste/ Boring Abandonment

Following completion of sample collection, the soil borings were backfilled with residual soil boring cuttings, sand and hydrated bentonite chips and completed at the surface to match existing condition. Soil cuttings and development water from the monitoring wells were placed in 55-gallon drums for future disposal.

2.6 Monitoring Well Installation

On July 27, 2017, three (3) permanent groundwater monitoring wells (MW-1, MW-2, and MW-3) were installed by Core Down Drilling, a New York licensed driller (Figure 6). The permanent monitoring well boreholes were advanced using 6-inch steel augers.

The monitoring wells were drilled to a depth of approximately 20 feet bgs as refusal due to bedrock conditions was encountered at 20 feet bgs. The monitoring wells were constructed from bottom to top with 10 feet of schedule 40 PVC screen with 0.010" slots (10-20 feet bgs) and 10 feet of schedule 40 PVC casing (0-10 feet bgs). The subsurface annular space in each of the wells from 8 feet bgs to 20 feet bgs was filled with #00 washed silica, with the remaining subsurface annular space filled with bentonite and grout. Monitoring well construction logs are included in Appendix A.

Flush-mount steel casing/lids set in concrete pads completed the wells at ground surface, and the top of the PVC well casings were secured with lockable caps.

The monitoring wells were developed by purging the screened interval using a whale pump for approximately 20 minutes until the water was free of silt and apparent turbidity. Soil cuttings and development water from the monitoring wells were placed in 55-gallon drums and staged on-site for future off-site disposal.

Subsequent to the well completion, the surface of the permanent monitoring wells and top of inner casing were surveyed by a New York State licensed surveyor.

2.7 Groundwater Sample Collection

On August 10, 2017, groundwater samples were collected from MW-1, MW-2, and MW-3. Prior to collecting groundwater samples, the monitoring wells were gauged for groundwater depth and non-aqueous phase liquid (NAPL) using a decontaminated oil-water interface probe. Groundwater samples were collected from each well using low flow sampling techniques by dedicated polyethylene tubing and a peristaltic pump. During purging, water quality indicator parameters (WQIP) including pH, specific conductivity, temperature, turbidity, and dissolved oxygen were measured using a calibrated water quality meter (Horiba) equipped with a flow-through cell. Analytical samples were collected when WQIP measurements had stabilized. The samples were placed in laboratory-supplied containers and submitted under chain-of-custody in an ice-filled cooler to a NY-certified analytical laboratory, Alpha Analytical of Westborough, Massachusetts.

2.8 Laboratory Analyses

The samples were analyzed by Alpha Analytical, certified by the New York State Department of Health to perform Contract Laboratory Program (CLP) analysis on all media sampled during this

investigation. The laboratory performed the sample analysis in accordance with the most recent NYSDEC Analytical Services Protocol (ASP). Laboratory analytical documentation is provided in Appendix B. Laboratory analysis of the samples consisted of the following analytical methods and protocols:

Soil Samples from SB-5 through SB-12:

- Target Compound List (TCL) VOCs via EPA Method 8260

Temporary Well Point Groundwater Samples from TWP-SB5 through TWP-SB12:

- TCL VOCs via EPA Method 8260

Permanent Monitoring Well Groundwater Samples from MW-1 through MW-3:

- TCL VOCs via EPA Method 8260

3.0 FINDINGS

This section presents the results of the RI activities, including physical (i.e., hydrogeological) Site conditions as well as Site-related contaminant results for soil and groundwater. For the purpose of providing context to the data obtained during this investigation, analytical results are compared to the NYSDEC cleanup standards/objectives, as appropriate. The data are compared to cleanup standards that are applicable for the current permitted zoning use and related potential human risk scenario. For this reason, comparisons are made to the NYSDEC RCUSCOs, the NYSDEC RUSCO, and the NYSDEC ambient water quality standards (AWQS), which are applicable to this Site.

3.1 Geological and Hydrogeological Conditions

The subsurface soils encountered during this investigation were generally consistent with the conditions described above. Soils down to a depth of 20 feet consisted of grey to brown silt and reddish-brown silty sand with weathered schist gravel. Detailed geologic descriptions for each soil boring and permanent monitoring well boreholes are included in Appendix A.

The depth to groundwater was measured at between 14.40 feet and 14.60 feet below the top of casing (TOC) in the three permanent monitoring wells. NAPLs were not detected in the monitoring wells. As illustrated on Figure 3, groundwater onsite is inferred to flow towards the southwest.

3.2 Soil Sample Analytical Results

The following information is a summary of the soil sample analytical results (Appendix B). This information has also been included in Table 1.

3.2.1 VOC Results

Soil samples were collected from SB-5 through SB-12, at depths with elevated PID readings and/or signs of impacts or from six-inch interval above the groundwater interface if no elevated PID readings were observed. The following information is a summary of Table 1.

- Benzene was detected at a concentration of 5.1 milligrams per kilogram (mg/kg) in soil sample SB6 (17-17.5'). This concentration exceeds the NYSDEC RUSCO of 2.9 mg/kg but is below the NYSDEC RCUSCO of 44 mg/kg.
- Toluene was detected at a concentration of 240 mg/kg in soil sample SB6 (17-17.5'). This concentration exceeds the NYSDEC RUSCO of 100 mg/kg but is below the NYSDEC RCUSCO of 500 mg/kg.
- Ethylbenzene was detected at concentrations of 83 mg/kg and 96 mg/kg in soil samples SB6 (17-17.5') and SB9 (5-5.5'), respectively. These concentrations exceed the NYSDEC RUSCO of 30 mg/kg but are below the NYSDEC RCUSCO of 390 mg/kg.
- Total xylenes were detected at concentrations of 390 mg/kg and 460 mg/kg in soil samples SB6 (17-17.5') and SB9 (5-5.5'), respectively. These concentrations exceed the NYSDEC RUSCO of 100 mg/kg but are below the NYSDEC RCUSCO of 500 mg/kg.
- 1,3,5-Trimethylbenzene was detected at a concentration of 59 mg/kg in soil sample SB9 (5-5.5'). This concentration exceeds the NYSDEC RUSCO of 47 mg/kg but is below the NYSDEC RCUSCO of 190 mg/kg.
- 1,2,4-Trimethylbenzene was detected at concentrations of 98 mg/kg and 180 mg/kg in soil samples SB6 (17-17.5') and SB9 (5-5.5'), respectively. These concentrations exceed the NYSDEC RUSCO of 47 mg/kg but are below the NYSDEC RCUSCO of 190 mg/kg .

These results are presented on Figure 4.

3.3 Temporary Well Point Groundwater Sample Results

The following information is a summary of the results from the temporary well point groundwater samples collected on July 11, 2017. Groundwater sample analytical results are included as Appendix B. This information has also been included in Table 2.

3.3.1 VOC Results

The following VOCs were detected at concentrations greater than their respective NYSDEC AWQS during the July 11, 2017 sampling event (Table 2):

- Benzene was detected at concentrations exceeding the NYSDEC AWQS of 1 microgram per liter ($\mu\text{g/L}$) in each of the groundwater samples collected from temporary wells TWP-5 through TWP-12.
- Toluene was detected at concentrations exceeding the NYSDEC AWQS of 5 $\mu\text{g/L}$ in each of the groundwater samples collected from temporary wells TWP-5 through TWP-12.
- Ethylbenzene was detected at concentrations exceeding the NYSDEC AWQS of 5 $\mu\text{g/L}$ in each of the groundwater samples collected from temporary wells TWP-5 through TWP-11. No exceedance of ethylbenzene was detected in groundwater sample TWP-12.
- Methyl tertiary-butyl ether (MTBE) was detected at a concentration of 21 $\mu\text{g/L}$ in groundwater sample TWP-SB11. This concentration exceeds the NYSDEC AWQS of 10 $\mu\text{g/L}$ for MTBE.
- Total xylenes were detected at concentrations exceeding the NYSDEC AWQS of 5 $\mu\text{g/L}$ in each of the groundwater samples collected from temporary wells TWP-5 through TWP-11. No exceedances of xylenes were detected in groundwater sample TWP-12.
- Acetone was detected at a concentration of 460 $\mu\text{g/L}$ in groundwater sample TWP-SB10. This concentration exceeds the NYSDEC AWQS of 50 $\mu\text{g/L}$.
- 2-Butanone was detected at a concentration of 52 $\mu\text{g/L}$ in groundwater sample TWP-SB10. This concentration exceeds the NYSDEC AWQS of 50 $\mu\text{g/L}$.
- Isopropylbenzene was detected at a concentration of 120 $\mu\text{g/L}$ in groundwater sample TWP-SB5. This concentration exceeds the NYSDEC AWQS of 5 $\mu\text{g/L}$.
- Naphthalene was detected at concentrations exceeding the NYSDEC AWQS of 10 $\mu\text{g/L}$ in groundwater samples collected from temporary wells TWP-5, TWP-8, and TWP-9.
- n-Propylbenzene was detected at concentrations exceeding the NYSDEC AWQS of 5 $\mu\text{g/L}$ in groundwater samples collected from temporary wells TWP-5, TWP-8, TWP-9, and TWP-11.
- 1,3,5-Trimethylbenzene was detected at concentrations exceeding the NYSDEC AWQS of 5 $\mu\text{g/L}$ in each of the groundwater samples collected from temporary wells TWP-5 through TWP-11. No exceedance of 1,3,5-trimethylbenzene was detected in groundwater sample TWP-12.
- 1,2,4-Trimethylbenzene was detected at concentrations exceeding the NYSDEC AWQS of 5 $\mu\text{g/L}$ in each of the groundwater samples collected from temporary wells TWP-5 through TWP-11. No exceedance of 1,2,4-trimethylbenzene was detected in groundwater sample TWP-12.
- 1,2,4,5-Trimethylbenzene was detected at concentrations exceeding the NYSDEC AWQS of 5 $\mu\text{g/L}$ in groundwater samples collected from temporary wells TWP-5, TWP-9, and TWP-10.

These results are presented on Figure 5.

3.4 Monitoring Well Groundwater Sample Results

The following information is a summary of the results from the permanent monitoring well groundwater samples collected on August 10, 2017. Groundwater sample analytical results are included as Appendix B. This information has also been included in Table 3.

3.4.1 VOC Results

The following VOCs were detected at concentrations greater than their respective NYSDEC AWQS during the August 10, 2017 sampling event (Table 3):

- Benzene was detected at concentrations of 3,100 µg/L, 12,000 µg/L, and 16 µg/L in groundwater samples MW-1, MW-2, and MW-3, respectively. These concentrations exceed the NYSDEC AWQS of 1 µg/L.
- Toluene was detected at concentrations of 12,000 µg/L and 47,000 µg/L in groundwater samples MW-1 and MW-2, respectively. These concentrations exceed the NYSDEC AWQS of 5 µg/L.
- Ethylbenzene was detected at concentrations of 3,300 µg/L and 3,700 µg/L in groundwater samples MW-1 and MW-2, respectively. These concentrations exceed the NYSDEC AWQS of 5 µg/L.
- Total xylenes were detected at concentrations of 17,000 µg/L, 18,000 µg/L, and 22 µg/L in groundwater samples MW-1, MW-2, and MW-3, respectively. These concentrations exceed the NYSDEC AWQS of 5 µg/L.
- Isopropylbenzene was detected at a concentration of 84 µg/L in groundwater sample MW-1. This concentration exceeds the NYSDEC AWQS of 5 µg/L.
- Naphthalene was detected at a concentration of 400 µg/L in groundwater sample MW-1. This concentration exceeds the NYSDEC AWQS of 10 µg/L.
- n-Propylbenzene was detected at a concentration of 200 µg/L in groundwater sample MW-1. This concentration exceeds the NYSDEC AWQS of 5 µg/L.
- 1,3,5-Trimethylbenzene was detected at a concentration of 410 µg/L in groundwater sample MW-1. This concentration exceeds the NYSDEC AWQS of 5 µg/L.
- 1,2,4-Trimethylbenzene was detected at concentrations of 1,500 µg/L and 1,100 µg/L in groundwater samples MW-1 and MW-2, respectively. These concentrations exceed the NYSDEC AWQS of 5 µg/L.
- 1,2,4,5-Trimethylbenzene was detected at a concentration of 10 µg/L in groundwater sample MW-3. This concentration exceeds the NYSDEC AWQS of 5 µg/L.

These results are presented on Figure 6.

4.0 SUMMARY AND CONCLUSIONS

The RI was conducted to further delineate and characterize the magnitude and extent of VOCs in soil and groundwater at the Site. RI field work was conducted at the Site on July 11, 2017, July 27, 2017, and August 10, 2017. The work included using a direct-push rig to conduct soil sampling and temporary well point groundwater sampling for VOC analysis at eight (8) locations onsite. Based on the results of the soil and temporary well point sampling, three (3) permanent monitoring wells were subsequently installed on the Site and sampled for VOCs.

Soil samples were collected at various depths from eight (8) borings on July 11, 2017. Analytical results indicated the following:

- The soil samples showed impacts of petroleum related VOCs in borings AEI-SB6 and AEI-SB9 at concentrations exceeding the NYSDEC RUSCOs but below the NYSDEC RCUSCOs. No VOCs were detected above their respective NYSDEC RUSCOs at the remaining boring locations.

Temporary well point groundwater samples were collected from eight (8) borings on July 11, 2017. Analytical results indicated the following:

- The temporary well point groundwater samples showed impacts of petroleum related VOCs in all eight (8) of the temporary well points at concentrations exceeding the NYSDEC AWQs.
- The highest levels of contamination were detected in borings along the northwest and western portion of the Site.

Groundwater samples were collected from the three (3) permanent monitoring wells on August 10, 2017. Analytical results indicated the following:

- The permanent monitoring well groundwater samples showed impacts of gasoline related VOCs in all three (3) of the monitoring at concentrations exceeding the NYSDEC AWQs.
- The highest levels of contamination were detected in wells MW-1 and MW-2, located in the central and northwestern portion of the Site, respectively. Gasoline related VOC concentrations in well MW-3, located at the northeastern corner of the Site, were at least two orders of magnitude lower than concentrations detected in wells MW-1 and MW-2.
- Measurements of groundwater levels recorded on August 11, 2017 and the calculated water surface elevations, indicate that onsite groundwater flows towards the southwest.

FIGURES



LEGEND



Source: USGS

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20 Gibson Place, Suite 310, Freehold, NJ

SITE LOCATION MAP

4788 BROADWAY
MANHATTAN, NEW YORK 10034

FIGURE 1
Project No. 344060



Legend

Approximate Property Boundary - - -



Figure 2: SITE MAP

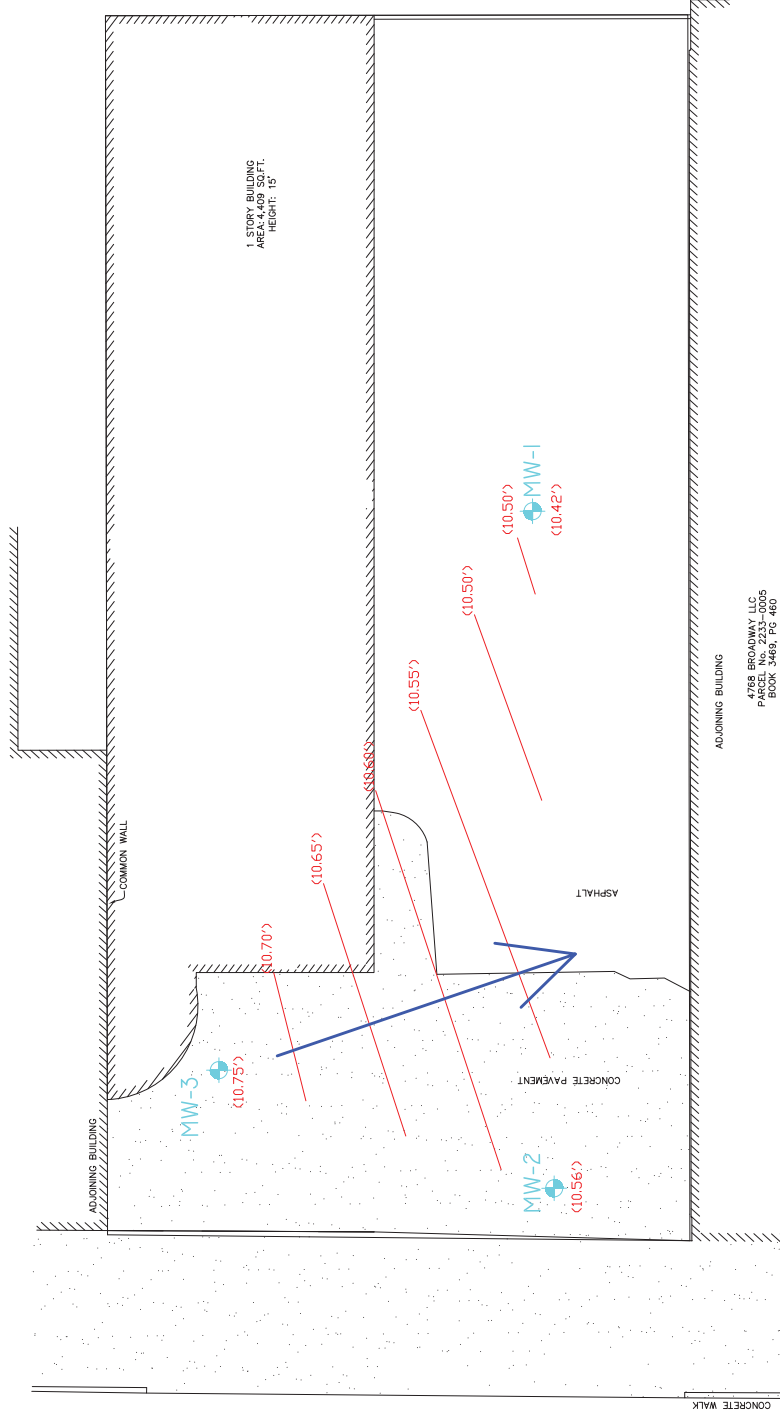
4788 Broadway, Manhattan, New York 10034
Project Number: 344060

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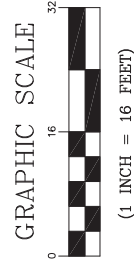
LEGEND

-  GROUNDWATER ELEVATION CONTOUR
-  MONITORING WELL
-  GROUNDWATER ELEVATION (FEET ABOVE MEAN SEA LEVEL)
-  INFERRED DIRECTION OF GROUNDWATER FLOW

NEW YORK PUBLIC LIBRARY
FANCL. NO. 2233-3813



BROADWAY
PUBLIC RIGHT OF WAY WITH VARIES
(ASPHALT ROAD)



DRAWN BY:
A Cauterucci

REVIEWED BY:
J Katz

APPROVED BY:
D Bausmith

Date:
9/7/2017

**FIGURE
3**

AEI Project #344060

GROUNDWATER ELEVATION CONTOUR MAP

4778 Broadway,
New York, New York 10034

LEGEND

Soil Boring/Temporary Well Point (July 2017)

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DRAWN BY:
A Cauterucci

REVIEWED BY:
J Katz

APPROVED BY:
D Bausmith

Date:
7/24/2017

SOIL SAMPLE LOCATION MAP
SOIL SAMPLING RESULTS (HITS ONLY)

4778 Broadway,
New York, New York 10034

AEI Project #344060

FIGURE 4

LEGEND
Soil Boring/Temporary Well Point (July 2017)



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Well Point	Benzenes	Toluenes	Ethylbenzenes	p-xylene	m-xylene	o-xylene	Xylenes, Total	Styrenes	1,2,4,5-Tetrachlorobenzene	1,2,4,6-Tetrachlorobenzene
AEI-SB10	36	72	12	12	290	170	460	48	45	75
AEI-SB11	100	200	34	71	120	67	160	29	17	3.8
AEI-SB12	2.4	5.2	1.9	0.77	2.8	2.6				
AEI-SB17	16500	46000	5700	8900	21000	31000	59700	150	460	2900
AEI-SB18	1000	5000	500	19000	8200	2900	29000	100	4000	840
AEI-SB19	15000	33000	13000	17000	17000	33000	50000	300	500	1200
AEI-SB20	2000	3000	3000	13000	13000	15000	17000	500	1700	1400
AEI-SB21	170	6000	1000	1000	1000	1000	1000	1000	1000	1000
AEI-SB22	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
AEI-SB23	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
AEI-SB24	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
AEI-SB25	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
AEI-SB26	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
AEI-SB27	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
AEI-SB28	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
AEI-SB29	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
AEI-SB30	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
AEI-SB31	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
AEI-SB32	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
AEI-SB33	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
AEI-SB34	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
AEI-SB35	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
AEI-SB36	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
AEI-SB37	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
AEI-SB38	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
AEI-SB39	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
AEI-SB40	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
AEI-SB41	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
AEI-SB42	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
AEI-SB43	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
AEI-SB44	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
AEI-SB45	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
AEI-SB46	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
AEI-SB47	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
AEI-SB48	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
AEI-SB49	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
AEI-SB50	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
AEI-SB51	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
AEI-SB52	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
AEI-SB53	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
AEI-SB54	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
AEI-SB55	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
AEI-SB56	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
AEI-SB57	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
AEI-SB58	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
AEI-SB59	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
AEI-SB60	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
AEI-SB61	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
AEI-SB62	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
AEI-SB63	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
AEI-SB64	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
AEI-SB65	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
AEI-SB66	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
AEI-SB67	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
AEI-SB68	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
AEI-SB69	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
AEI-SB70	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
AEI-SB71	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
AEI-SB72	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
AEI-SB73	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
AEI-SB74	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
AEI-SB75	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
AEI-SB76	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
AEI-SB77	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
AEI-SB78	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
AEI-SB79	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
AEI-SB80	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
AEI-SB81	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
AEI-SB82	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
AEI-SB83	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
AEI-SB84	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
AEI-SB85	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
AEI-SB86	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
AEI-SB87	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
AEI-SB88	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
AEI-SB89	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
AEI-SB90	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
AEI-SB91	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
AEI-SB92	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
AEI-SB93	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
AEI-SB94	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
AEI-SB95	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
AEI-SB96	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
AEI-SB97	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
AEI-SB98	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
AEI-SB99	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
AEI-SB100	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000



DRAWN BY:
A Cauterucci

REVIEWED BY:
J Katz

APPROVED BY:
D Bausmith

Date:
9/7/2017

TEMPORARY WELL POINT LOCATION MAP
GROUNDWATER SAMPLING RESULTS (HITS ONLY)

AEI Project #344060

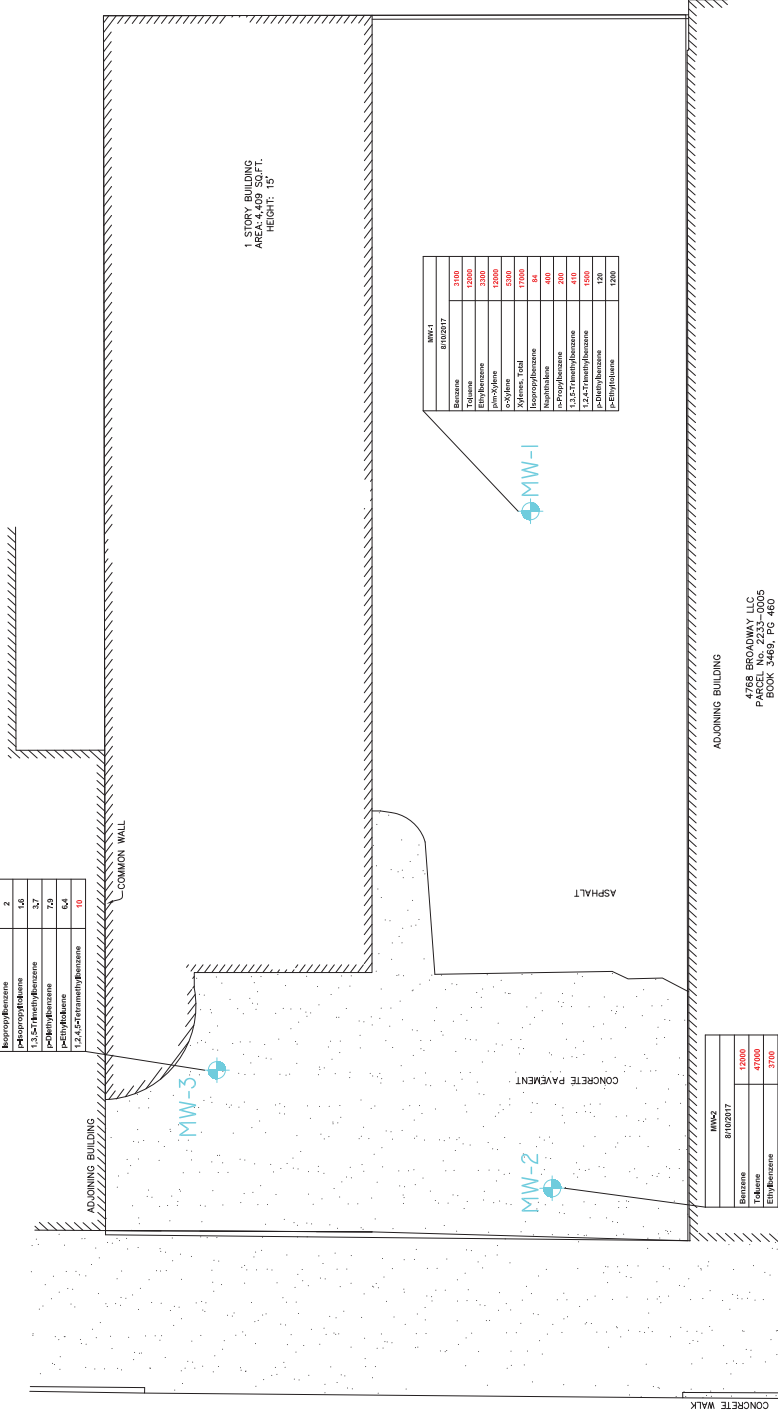
4778 Broadway,
New York, New York 10034

FIGURE 5

LEGEND
MONITORING WELL



NEW YORK PUBLIC LIBRARY
FANCL. NO. 2233-3813

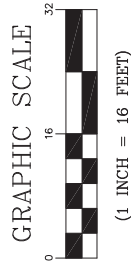


1 STORY BUILDING
AREA: 4,409 SQ.FT.
HEIGHT: 15'

MW-1	
8/10/2017	
Benzenes	1550
Toluene	1000
Ethylbenzene	1000
para-Xylene	1000
ortho-Xylene	1000
meta-Xylene	1000
Styrene	1000
Naphthalene	400
Propylbenzene	200
1,3,5-Trimethylbenzene	411
1,2,4-Trimethylbenzene	1000
1,2,6-Trimethylbenzene	1000
p-Ethylbenzene	1000

MW-2	
8/10/2017	
Benzenes	12000
Toluene	47000
Ethylbenzene	3700
para-Xylene	12000
ortho-Xylene	5000
Xylenes, Total	18000
1,2,4-Trimethylbenzene	1100
p-Ethylbenzene	540

ADJOINING BUILDING
4768 BROADWAY LLC
P.O. BOX 3466, FZ 400



GROUNDWATER MONITORING WELL LOCATION MAP
GROUNDWATER SAMPLING RESULTS (HITS ONLY)
4778 Broadway,
New York, New York 10034

FIGURE
6

AEI Project #344060

REVIEWED BY:
J Katz

Date:
9/7/2017

DRAWN BY:
A Cauterucci

APPROVED BY:
D Bausmith

TABLES

TABLE 1: SOIL SAMPLE DATA SUMMARY
4778 Broadway,
New York, NY 10034

LOCATION	SB5 (16-16.5)	SB5 (13.5-14)	SB6 (15-15.5)	SB6 (15-15.5)	SB6 (17-17.5)	SB7 (9-9.5)	SB8 (15-15.5)	SB9 (5-5.5)	SB10 (2-2.5)	SB10 (7.5-8)	SB11 (13.5-14)	SB11 (16-16.5)	SB12 (17-17.5)
SAMPLING DATE	7/11/2017	7/11/2017	7/11/2017	7/11/2017	7/11/2017	7/11/2017	7/11/2017	7/11/2017	7/11/2017	7/11/2017	7/11/2017	7/11/2017	7/11/2017
LAB SAMPLE ID	L1723686-01	L1723686-02	L1723686-03	L1723686-04	L1723686-05	L1723686-09	L1723686-11	L1723686-12	L1723686-13	L1723686-14	L1723686-15	L1723686-16	L1723686-17
SAMPLE DEPTH (ft. bgs)	(16-16.5)	(13.5-14)	(15-15.5)	(17-17.5)	(9-9.5)	(5-5.5)	(2-2.5)	(7.5-8)	(13.5-14)	(16-16.5)	(17-17.5)	(16-16.5)	(17-17.5)
	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results
	Units		Units		Units		Units		Units		Units		Units
	RU/USCO		RU/USCO		RU/USCO		RU/USCO		RU/USCO		RU/USCO		RU/USCO
Volatiles Organics by 8260/5035													
Methylene chloride	500	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	240	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	350	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	150	0.0009	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	500	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	30	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	500	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichloropropene, Total		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloropropene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2,2-Tetrachloroethane	35	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	44	0.00011	0.0003	0.0022	0.0019	1.9	0.00055	0.0017	0.00019	0.0017	0.32	0.033	0.00021
Toluene	500	0.083	0.0065	0.0083	0.0065	240	0.0038	0.0038	0.0055	0.0038	ND	0.054	0.00098
Ethylbenzene	390	6	0.0015	0.05	0.26	83	0.028	0.0041	0.0031	0.0041	2.6	0.025	0.00033
Chloromethane		ND	0.0004	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane		ND	ND	ND	0.024	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	13	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	500	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	500	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	500	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	280	0.069	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	130	0.067	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl tert butyl ether	500	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
p-Xylene	19	0.0018	0.1	0.15	0.093	350	0.0086	0.0098	0.0086	0.0098	1.8	0.052	0.0014
m-Xylene	5.7	0.00033	0.026	0.11	0.022	110	0.0048	0.0066	0.0048	0.0066	0.4	0.019	0.00091
Xylenes, Total	25	0.0021	0.13	0.17	0.093	390	0.013	0.016	0.013	0.016	2.2	0.071	0.0023
cis-1,2-Dichloroethene	500	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethene, Total		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromomethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Styrene		ND	ND	ND	0.25	ND	ND	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	500	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon disulfide	100	0.28	0.0062	0.0043	0.052	1.2	0.034	0.0091	0.027	0.034	ND	0.0021	0.006
2-Butanone	500	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl acetate		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	80	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromochloromethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,2-Dichloropropane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichloropropane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromobenzene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Butylbenzene	500	1.4	0.00013	0.0021	0.86	0.048	0.017	6.6	0.0003	0.012	4.6	0.012	ND
sec-Butylbenzene	500	0.63	0.0007	0.0017	0.38	0.057	0.017	4	0.0002	0.013	3.5	0.013	ND
tert-Butylbenzene	500	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.00069	ND
o-Chlorotoluene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
p-Chlorotoluene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	100	1.2	0.0012	0.0043	0.43	0.081	0.0081	8.6	0.0002	0.014	2.5	0.014	ND
p-Isopropyltoluene		0.42	0.00013	0.00072	0.16	0.11	0.011	3.2	ND	0.0048	1.7	0.0048	ND
Naphthalene	1	ND	0.00018	0.0018	4.4	0.73	0.073	11	0.0065	0.055	1.1	0.055	0.00015
Acrylonitrile	500	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Propylbenzene	500	4.2	0.0028	0.014	1.2	0.42	0.042	30	0.0068	0.059	9.8	0.059	ND
1,2,3-Trichlorobenzene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

TABLE 1: SOIL SAMPLE DATA SUMMARY
4778 Broadway,
New York, NY 10034

LOCATION	SB5 (16-16.5)	SB5 (13.5-14)	SB6 (15-15.5)	SB6 (17-17.5)	SB7 (9-9.5)	SB8 (15-15.5)	SB9 (5-5.5)	SB10 (2-2.5)	SB10 (7.5-8)	SB11 (13.5-14)	SB11 (16-16.5)	SB12 (17-17.5)	RCUSCO		RUSCO		Units	
													Results	Q	Results	Q		
Volatile Organics by 8260/5035																		
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				mg/kg	ND
1,2,5-Trimethylbenzene	6.2	0.00012	0.018	30	0.035	0.081	59	0.0007	0.0025	0.67	0.0092	0.00044	J				mg/kg	190
1,2,4-Trimethylbenzene	20	0.0012	0.041	98	0.064	0.19	180	0.0058	0.002	12	0.053	0.0012	J				mg/kg	190
1,4-Dioxane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				mg/kg	130
p-Diethylbenzene	8.1	ND	ND	22	0.97	0.29	44	ND	ND	8	0.031	ND	ND				mg/kg	81
p-Ethyltoluene	18	0.00077	0.044	91	0.26	0.17	160	0.0024	0.0014	6.9	0.042	0.00082	J				mg/kg	18
1,2,4,5-Tetramethylbenzene	2.2	0.0011	0.0036	6.1	2.5	0.094	9.3	0.0025	0.0042	17	0.066	ND	ND				mg/kg	2.2
Ethyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				mg/kg	ND
trans-1,4-Dichloro-2-butene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				mg/kg	ND

Notes:

- mg/kg
- Q
- milligrams per kilogram
- J
- qualifier
- estimated concentration
- bg/s
- below ground surface
- ND
- non detect
- RED
- Exceeds respective RUSCO
- BOLD
- Exceeds respective RCUSCO

Comparison Values:

RUSCO: New York State Department of Environmental Conservation Soil Cleanup Objectives for Residential Use
RCUSCO: New York State Department of Environmental Conservation Soil Cleanup Objectives for Restricted Commercial Use

TABLE 2: TEMPORARY WELL POINT GROUNDWATER DATA SUMMARY
 4778 Broadway,
 New York, NY 10034

LOCATION SAMPLING DATE LAB SAMPLE ID	UNITS	TWP-SB5	TWP-SB6	TWP-SB7	TWP-SB8	TWP-SB9	TWP-SB10	TWP-SB11	TWP-SB12	FIELD BLANK	TRIP BLANK
		7/11/2017 L1723686-17	7/11/2017 L1723686-18	7/11/2017 L1723686-19	7/11/2017 L1723686-20	7/11/2017 L1723686-21	7/11/2017 L1723686-22	7/11/2017 L1723686-23	7/11/2017 L1723686-24	7/11/2017 L1723686-25	7/11/2017 L1723686-26
		Results	Q	Results	Q	Results	Q	Results	Q	Results	Q
Volatiles Organics by GC/MS											
Methylene chloride	5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	7 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	1 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	50 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	1 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	0.6 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	50 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	0.4 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	0.4 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichloropropene, Total	0.4 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloropropene	5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	50 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2,2-Tetrachloroethane	5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	1 ug/l	170	33000	12000	1800	10000	36	100	2.4	ND	ND
Toluene	5 ug/l	6200	36000	32000	30000	45000	72	220	5.7	ND	ND
Ethylbenzene	5 ug/l	4000	3800	3600	5300	5700	12	34	ND	ND	ND
Chloromethane	5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	3 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	3 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	3 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl tert butyl ether	10 ug/l	ND	ND	ND	ND	ND	5.2	21	ND	ND	ND
p/m-Xylene	5 ug/l	14000	13000	12000	19000	21000	260	120	1.9	ND	ND
o-Xylene	5 ug/l	3500	6100	5400	8500	9600	170	66	0.87	ND	ND
Xylenes, Total	5 ug/l	18000	19000	17000	28000	31000	430	190	2.8	ND	ND
1,2-Dichloroethene, Total	5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromomethane	5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	0.04 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acrylonitrile	5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	50 ug/l	ND	ND	ND	ND	ND	460	29	2.6	ND	ND
Carbon disulfide	60 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	50 ug/l	ND	ND	ND	ND	ND	52	ND	ND	ND	ND
Vinyl acetate	50 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	50 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromochloromethane	5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,2-Dichloropropane	5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	0.0006 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichloropropane	5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromobenzene	5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Butylbenzene	5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	5 ug/l	ND	ND	ND	ND	ND	ND	1.7	ND	ND	ND
tert-Butylbenzene	5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

TABLE 2: TEMPORARY WELL POINT GROUNDWATER DATA SUMMARY
4778 Broadway,
New York, NY 10034

LOCATION SAMPLING DATE LAB SAMPLE ID	NY-AWQS Units	TWP-SB5	TWP-SB6	TWP-SB7	TWP-SB8	TWP-SB9	TWP-SB10	TWP-SB11	TWP-SB12	FIELD BLANK	TRIP BLANK
		7/11/2017 L1723686-17	7/11/2017 L1723686-18	7/11/2017 L1723686-19	7/11/2017 L1723686-20	7/11/2017 L1723686-21	7/11/2017 L1723686-22	7/11/2017 L1723686-23	7/11/2017 L1723686-24	7/11/2017 L1723686-25	7/11/2017 L1723686-26
		Results	Q	Results	Q	Results	Q	Results	Q	Results	Q
Volatile Organics by GC/MS											
o-Chlorotoluene	5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
p-Chlorotoluene	5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	0.04 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	5 ug/l	120 J	ND	ND	ND	ND	ND	3.8 J	ND	ND	ND
p-Isopropyltoluene	5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	10 ug/l	440	730 J	ND	9.9 J	720	3.7 J	4.5 J	ND	ND	ND
n-Propylbenzene	5 ug/l	280	550 J	ND	3.7 J	390	6.5 J	ND	ND	ND	ND
1,2,3-Trichlorobenzene	5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	5 ug/l	530	1100 J	380 J	ND	890	48	ND	ND	ND	ND
1,3,5-Trimethylbenzene	5 ug/l	2000	1700	1400	4000	3300	76	36	ND	ND	ND
1,2,4-Trimethylbenzene	5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dioxane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
p-Diethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4,5-Tetramethylbenzene	5 ug/l	1400	3400	1200	840 J	2500	52	35	ND	ND	ND
Ethyl ether	5 ug/l	66 J	ND	ND	ND	160	30	4.4	ND	ND	ND
trans-1,4-Dichloro-2-butene	5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Notes:

- ug/l microgram per liter
- Q qualifier
- J estimated concentration
- ND non detect
- BOLD** Exceeds respective standard
- NYSDEC New York State Department of Environmental Conservation

Comparison Values:
NY-AWQS: New York TOGS 111 Ambient Water Quality Standards

TABLE 3: MONITORING WELL GROUNDWATER DATA SUMMARY
 4778 Broadway,
 New York, NY 10034

LOCATION SAMPLING DATE LAB SAMPLE ID	NY-AWQS	Units		MW-1	MW-2	MW-3	TB	FB
		Results	Q	8/10/2017 L1728063-01	8/10/2017 L1728063-02	8/10/2017 L1728063-03	8/9/2017 L1728063-04	8/10/2017 L1728063-05
Volatiles Organics by GC/MS								
Methylene chloride	5	ug/l		ND	ND	ND	ND	ND
1,1-Dichloroethane	5	ug/l		ND	ND	ND	ND	ND
Chloroform	7	ug/l		ND	ND	ND	ND	ND
Carbon tetrachloride	5	ug/l		ND	ND	ND	ND	ND
1,2-Dichloropropane	1	ug/l		ND	ND	ND	ND	ND
Dibromochloromethane	50	ug/l		ND	ND	ND	ND	ND
1,1,2-Trichloroethane	1	ug/l		ND	ND	ND	ND	ND
Tetrachloroethene	5	ug/l		ND	ND	ND	ND	ND
Chlorobenzene	5	ug/l		ND	ND	ND	ND	ND
Trichlorofluoromethane	5	ug/l		ND	ND	ND	ND	ND
1,2-Dichloroethane	0.6	ug/l		ND	ND	ND	ND	ND
1,1,1-Trichloroethane	5	ug/l		ND	ND	ND	ND	ND
Bromodichloromethane	50	ug/l		ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	0.4	ug/l		ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	0.4	ug/l		ND	ND	ND	ND	ND
1,3-Dichloropropene, Total		ug/l		ND	ND	ND	ND	ND
1,1-Dichloropropene	5	ug/l		ND	ND	ND	ND	ND
Bromoform	50	ug/l		ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	5	ug/l		ND	ND	ND	ND	ND
Benzene	1	ug/l		3100	12000	16	ND	ND
Toluene	5	ug/l		12000	47000	2.7	ND	ND
Ethylbenzene	5	ug/l		3300	3700	1.3	ND	ND
Chloromethane		ug/l		ND	ND	ND	ND	ND
Bromomethane	5	ug/l		ND	ND	ND	ND	ND
Vinyl chloride	2	ug/l		ND	ND	ND	ND	ND
Chloroethane	5	ug/l		ND	ND	ND	ND	ND
1,1-Dichloroethene	5	ug/l		ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	5	ug/l		ND	ND	ND	ND	ND
Trichloroethene	5	ug/l		ND	ND	ND	ND	ND
1,2-Dichlorobenzene	3	ug/l		ND	ND	ND	ND	ND
1,3-Dichlorobenzene	3	ug/l		ND	ND	ND	ND	ND
1,4-Dichlorobenzene	3	ug/l		ND	ND	ND	ND	ND
Methyl tert butyl ether	10	ug/l		ND	ND	2.9	ND	ND
p/m-Xylene	5	ug/l		12000	12000	2.6	ND	ND
o-Xylene	5	ug/l		5300	5500	19	ND	ND
Xylenes, Total		ug/l		17000	18000	22	ND	ND
cis-1,2-Dichloroethene	5	ug/l		ND	ND	ND	ND	ND
1,2-Dichloroethene, Total		ug/l		ND	ND	ND	ND	ND
Dibromomethane	5	ug/l		ND	ND	ND	ND	ND
1,2,3-Trichloropropane	0.04	ug/l		ND	ND	ND	ND	ND
Acrylonitrile	5	ug/l		ND	ND	ND	ND	ND
Styrene	5	ug/l		ND	ND	ND	ND	ND
Dichlorodifluoromethane	5	ug/l		ND	ND	ND	ND	ND
Acetone	50	ug/l		ND	ND	12	ND	ND
Carbon disulfide	60	ug/l		ND	ND	ND	ND	ND
2-Butanone	50	ug/l		ND	ND	ND	ND	ND
Vinyl acetate		ug/l		ND	ND	ND	ND	ND
4-Methyl-2-pentanone		ug/l		ND	ND	ND	ND	ND

TABLE 3: MONITORING WELL GROUNDWATER DATA SUMMARY
 4778 Broadway,
 New York, NY 10034

LOCATION	NY-AWQS	Units	MW-1	MW-2	MW-3	TB	FB
			8/10/2017	8/10/2017	8/10/2017	8/9/2017	8/10/2017
SAMPLING DATE			Results	Results	Results	Results	Results
LAB SAMPLE ID			Q	Q	Q	Q	Q
Volatile Organics by GC/MS							
2-Hexanone	50	ug/l	ND	ND	ND	ND	ND
Bromochloromethane	5	ug/l	ND	ND	ND	ND	ND
2,2-Dichloropropane	5	ug/l	ND	ND	ND	ND	ND
1,2-Dibromoethane	0.0006	ug/l	ND	ND	ND	ND	ND
1,3-Dichloropropane	5	ug/l	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	5	ug/l	ND	ND	ND	ND	ND
Bromobenzene	5	ug/l	ND	ND	ND	ND	ND
n-Butylbenzene	5	ug/l	ND	ND	ND	ND	ND
sec-Butylbenzene	5	ug/l	ND	ND	1.3	J	ND
tert-Butylbenzene	5	ug/l	ND	ND	ND	ND	ND
o-Chlorotoluene	5	ug/l	ND	ND	ND	ND	ND
p-Chlorotoluene	5	ug/l	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	0.04	ug/l	ND	ND	ND	ND	ND
Hexachlorobutadiene	0.5	ug/l	ND	ND	ND	ND	ND
Isopropyltoluene	5	ug/l	84	J	2	J	ND
p-Isopropyltoluene	5	ug/l	ND	ND	1.6	J	ND
Naphthalene	10	ug/l	400	ND	ND	ND	ND
n-Propylbenzene	5	ug/l	200	J	ND	ND	ND
1,2,3-Trichlorobenzene	5	ug/l	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	5	ug/l	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	5	ug/l	410	ND	3.7	ND	ND
1,2,4-Trimethylbenzene	5	ug/l	1500	J	1100	J	ND
1,4-Dioxane		ug/l	ND	ND	ND	ND	ND
p-Diethylbenzene		ug/l	120	J	7.9	ND	ND
p-Ethyltoluene		ug/l	1200	940	6.4	ND	ND
1,2,4,5-Tetramethylbenzene	5	ug/l	ND	ND	10	ND	ND
Ethyl ether		ug/l	ND	ND	ND	ND	ND
trans-1,4-Dichloro-2-butene	5	ug/l	ND	ND	ND	ND	ND

Notes:

- ug/l microgram per liter
- Q qualifier
- J estimated concentration
- ND non detect
- BOLD** Exceeds respective standard
- NYSDEC New York State Department of Environmental Conservation

Comparison Values:

NY-AWQS: New York TOGS 111 Ambient Water Quality Standards

APPENDIX A
BORING LOGS



AEI Consultants
 2500 Camino Diablo
 Walnut Creek
 Telephone: 925.746.6000

BORING NUMBER AEI-SB7

CLIENT The Mercadien Group **PROJECT NAME** _____

PROJECT NUMBER 344060 **PROJECT LOCATION** 4788 Broadway, Manhattan, NY

DATE STARTED 7/11/17 **COMPLETED** 7/11/17 **GROUND ELEVATION** _____ **HOLE SIZE** 2 inches

DRILLING CONTRACTOR Enviroprobe **GROUND WATER LEVELS:**

DRILLING METHOD Direct Push **AT TIME OF DRILLING** 14.50 ft

LOGGED BY Anthony Cauterucci **CHECKED BY** _____ **AT END OF DRILLING** ---

NOTES _____ **AFTER DRILLING** ---

AEI BORING - GINT STD US LAB.GDT - 9/8/17 11:38 - C:\USERS\ACAUTERUCCI\DESKTOP\344060 BORING LOGS.GPJ

DEPTH (ft)	SAMPLE TYPE NUMBER	BLOW COUNTS	PID DATA (ppm)	GRAPHIC LOG	MATERIAL DESCRIPTION	COMPLETION
0					Concrete and gravel fill	
			0			
			0		1.3	
					Brown silt	
			30			
			35			
5					5.0	
			47			PVC Riser
					Gray silt - petroleum odors	
			23			
			39			
			867			
	SB7 (9-9.5)		1003			
10						
			367			
			124		11.0	
					Gray silty clay - moist - petroleum odors	
			76			
			119			
			1330		14.0	
					Reddish-brown silty sand - saturated/petroleum odors	
15			1387			PVC Screen
			42			
			368			
			1370		18.5	
					Reddish-brown sand - saturated/petroleum odors	
			2079			
20			1650		20.0	

Bottom of borehole at 20.0 feet.



AEI Consultants
 2500 Camino Diablo
 Walnut Creek
 Telephone: 925.746.6000

BORING NUMBER AEI-SB8

CLIENT The Mercadien Group **PROJECT NAME** _____

PROJECT NUMBER 344060 **PROJECT LOCATION** 4788 Broadway, Manhattan, NY

DATE STARTED 7/11/17 **COMPLETED** 7/11/17 **GROUND ELEVATION** _____ **HOLE SIZE** 2 inches

DRILLING CONTRACTOR Enviroprobe **GROUND WATER LEVELS:**

DRILLING METHOD Direct Push **AT TIME OF DRILLING** ---

LOGGED BY Anthony Cauterucci **CHECKED BY** _____ **AT END OF DRILLING** ---

NOTES _____ **AFTER DRILLING** ---

AEI BORING - GINT STD US LAB.GDT - 9/8/17 11:38 - C:\USERS\ACAUTERUCCI\DESKTOP\344060 BORING LOGS.GPJ

DEPTH (ft)	SAMPLE TYPE NUMBER	BLOW COUNTS	PID DATA (ppm)	GRAPHIC LOG	MATERIAL DESCRIPTION	COMPLETION
0						
0.5					Concrete and gravel fill	
0					Brown silt	
5						◀ PVC Riser
9.0					Brown-gray clayey silt	
10.0					Reddish-brown clayey silt with sub-angular gravel - petroleum odor	
15.0	SB8 (15-15.5)				Reddish-brown silty sand - moist/petroleum odors	◀ PVC Screen
16.0					Reddish-brown silty sand - saturated/petroleum odors	
20.0						

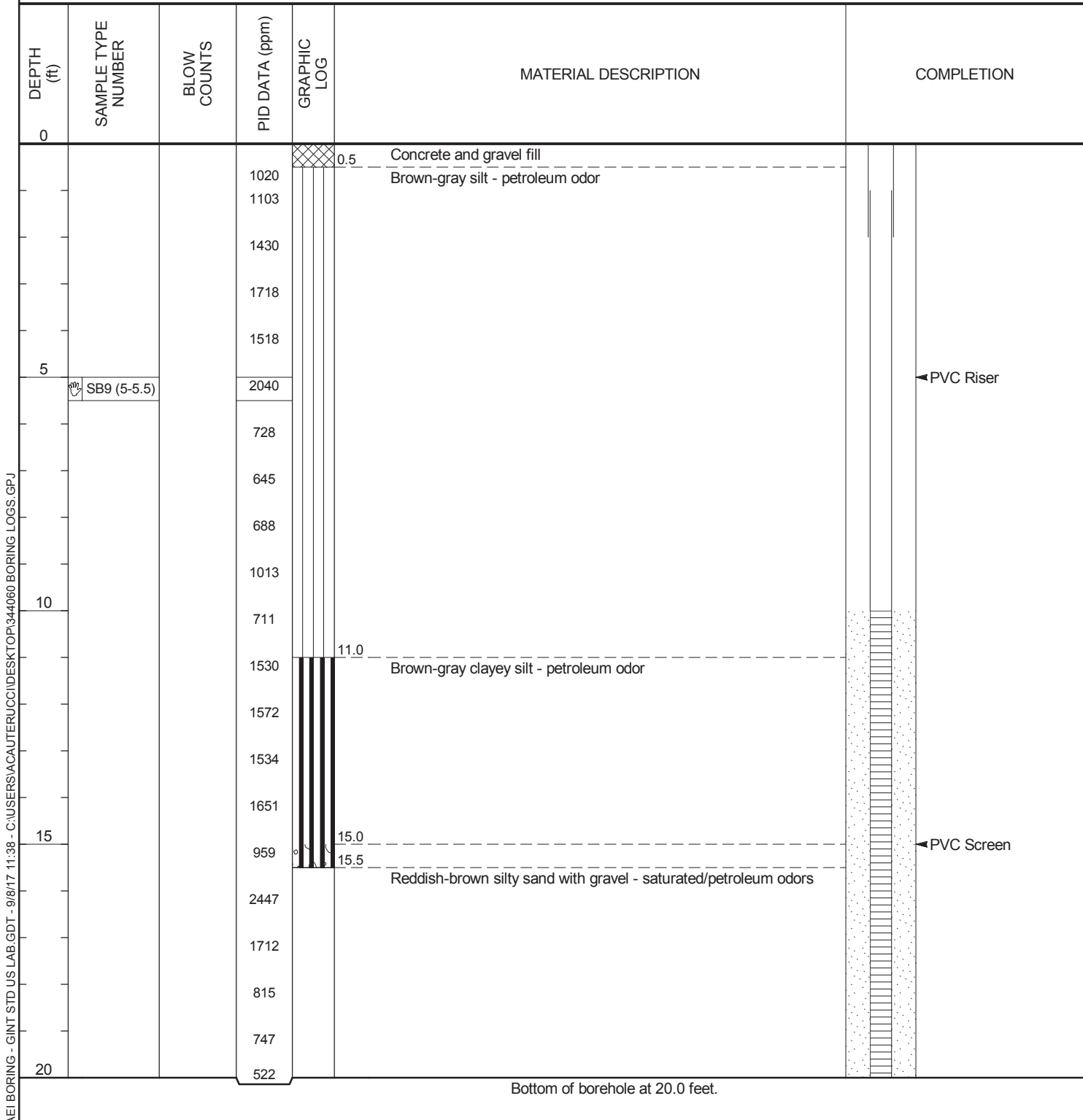
Bottom of borehole at 20.0 feet.



AEI Consultants
 2500 Camino Diablo
 Walnut Creek
 Telephone: 925.746.6000

BORING NUMBER AEI-SB9

CLIENT <u>The Mercadien Group</u>	PROJECT NAME _____
PROJECT NUMBER <u>344060</u>	PROJECT LOCATION <u>4788 Broadway, Manhattan, NY</u>
DATE STARTED <u>7/11/17</u> COMPLETED <u>7/11/17</u>	GROUND ELEVATION _____ HOLE SIZE <u>2 inches</u>
DRILLING CONTRACTOR <u>Enviroprobe</u>	GROUND WATER LEVELS:
DRILLING METHOD <u>Direct Push</u>	AT TIME OF DRILLING <u>---</u>
LOGGED BY <u>Anthony Cauterucci</u> CHECKED BY _____	AT END OF DRILLING <u>---</u>
NOTES _____	AFTER DRILLING <u>---</u>



AEI BORING - GINT STD US LAB.GDT - 9/8/17 11:38 - C:\USERS\ACAUTERUCCI\DESKTOP\344060 BORING LOGS.GPJ



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 2500 Camino Diablo
 Walnut Creek
 Telephone: 925.746.6000

BORING NUMBER AEI-SB10

CLIENT <u>The Mercadien Group</u>	PROJECT NAME _____
PROJECT NUMBER <u>344060</u>	PROJECT LOCATION <u>4788 Broadway, Manhattan, NY</u>
DATE STARTED <u>7/11/17</u> COMPLETED <u>7/11/17</u>	GROUND ELEVATION _____ HOLE SIZE <u>2 inches</u>
DRILLING CONTRACTOR <u>Enviroprobe</u>	GROUND WATER LEVELS:
DRILLING METHOD <u>Direct Push</u>	AT TIME OF DRILLING <u>---</u>
LOGGED BY <u>Anthony Cauterucci</u> CHECKED BY _____	AT END OF DRILLING <u>---</u>
NOTES _____	AFTER DRILLING <u>---</u>

DEPTH (ft)	SAMPLE TYPE NUMBER	BLOW COUNTS	PID DATA (ppm)	GRAPHIC LOG	MATERIAL DESCRIPTION	COMPLETION
0.0						
2.5	SB10 (2-2.5)		0 17 4.8		Concrete and gravel fill	
5.0			4.7 4.4			
7.5	SB10 (7.5-8)		10 8 8 4		Coarse gray sand - saturated - refusal at 8'	
8.0						

Bottom of borehole at 8.0 feet.

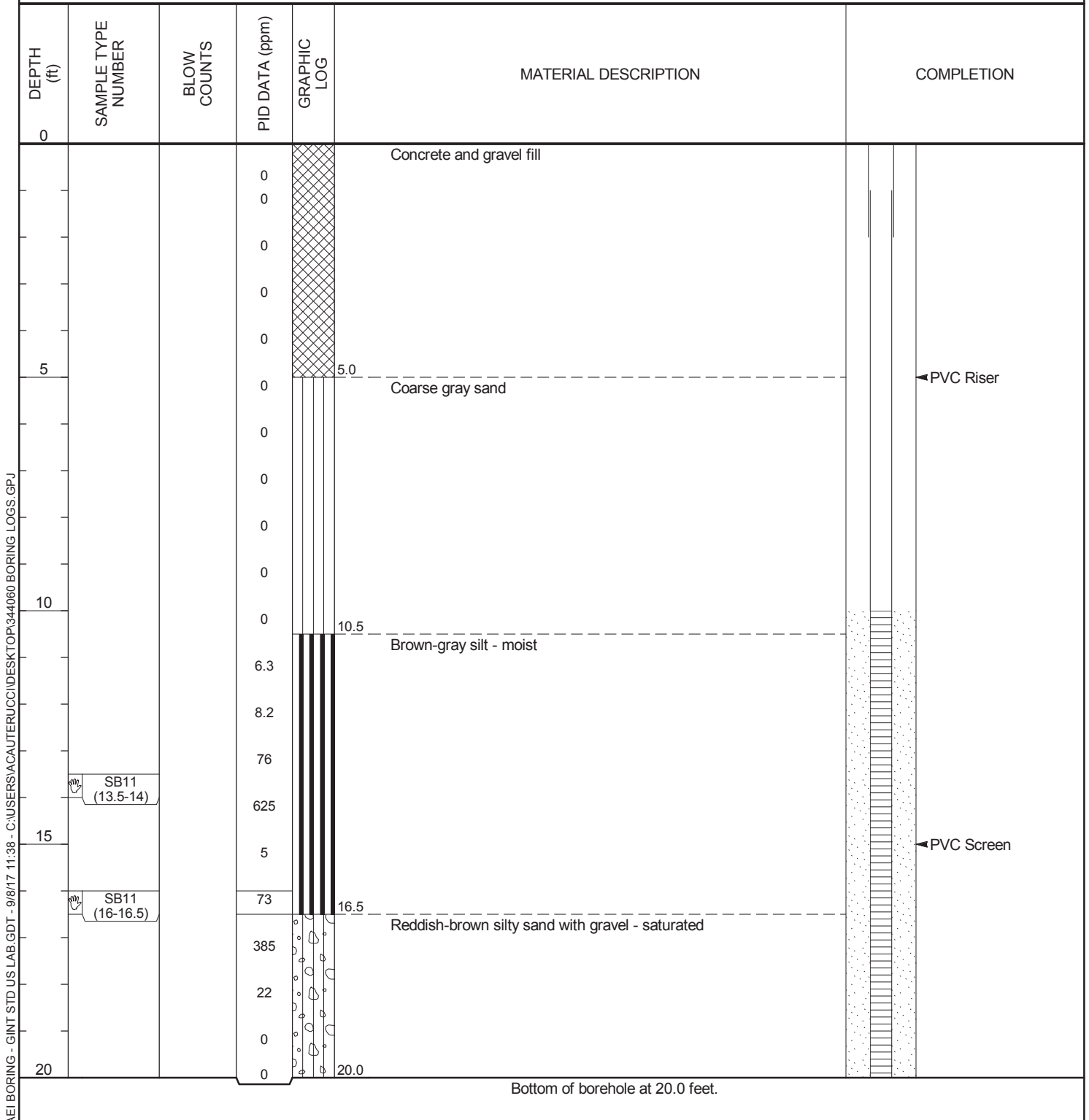
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AEI Consultants
 2500 Camino Diablo
 Walnut Creek
 Telephone: 925.746.6000

BORING NUMBER AEI-SB11

CLIENT <u>The Mercadien Group</u>	PROJECT NAME _____
PROJECT NUMBER <u>344060</u>	PROJECT LOCATION <u>4788 Broadway, Manhattan, NY</u>
DATE STARTED <u>7/11/17</u> COMPLETED <u>7/11/17</u>	GROUND ELEVATION _____ HOLE SIZE <u>2 inches</u>
DRILLING CONTRACTOR <u>Enviroprobe</u>	GROUND WATER LEVELS:
DRILLING METHOD <u>Direct Push</u>	AT TIME OF DRILLING <u>---</u>
LOGGED BY <u>Anthony Cauterucci</u> CHECKED BY _____	AT END OF DRILLING <u>---</u>
NOTES _____	AFTER DRILLING <u>---</u>



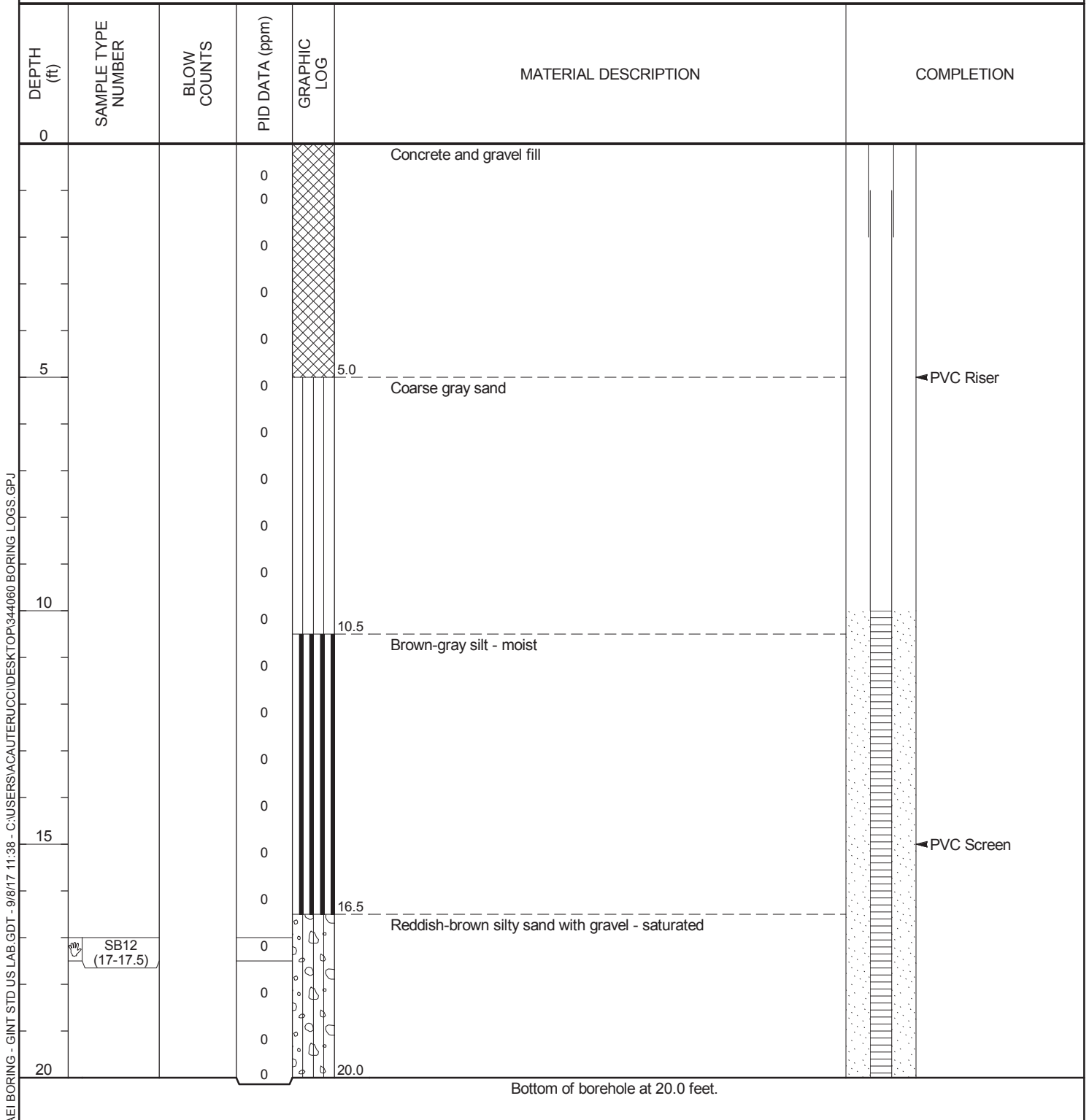
AEI BORING - GINT STD US LAB.GDT - 9/8/17 11:38 - C:\USERS\ACAUTERUCCI\DESKTOP\344060 BORING LOGS.GPJ



AEI Consultants
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 Walnut Creek
 Telephone: 925.746.6000

BORING NUMBER AEI-SB12

CLIENT <u>The Mercadien Group</u>	PROJECT NAME _____
PROJECT NUMBER <u>344060</u>	PROJECT LOCATION <u>4788 Broadway, Manhattan, NY</u>
DATE STARTED <u>7/11/17</u> COMPLETED <u>7/11/17</u>	GROUND ELEVATION _____ HOLE SIZE <u>2 inches</u>
DRILLING CONTRACTOR <u>Enviroprobe</u>	GROUND WATER LEVELS:
DRILLING METHOD <u>Direct Push</u>	AT TIME OF DRILLING <u>---</u>
LOGGED BY <u>Anthony Cauterucci</u> CHECKED BY _____	AT END OF DRILLING <u>---</u>
NOTES _____	AFTER DRILLING <u>---</u>





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 Walnut Creek
 Telephone: 925.746.6000

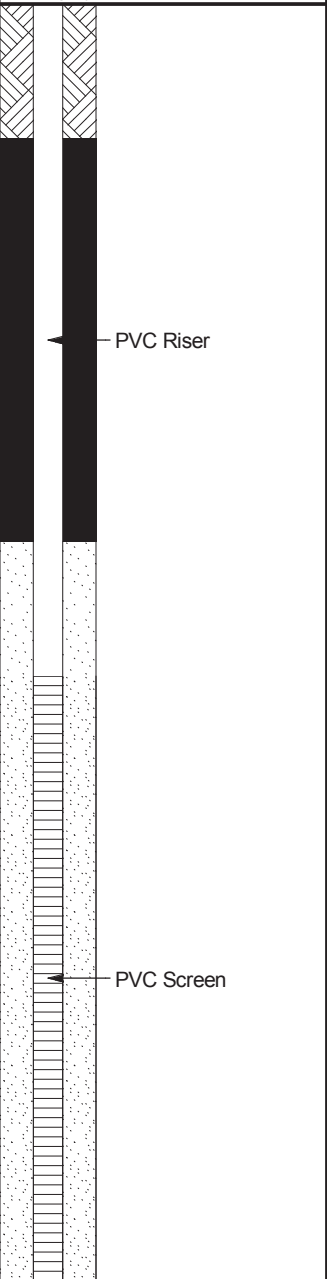
BORING NUMBER MW-1

CLIENT The Mercadien Group
PROJECT NUMBER 344060
DATE STARTED 7/27/17 **COMPLETED** 7/27/17
DRILLING CONTRACTOR Core Down Drilling
DRILLING METHOD Hollow Stem Auger
LOGGED BY Anthony Cauterucci **CHECKED BY** _____
NOTES _____

PROJECT NAME _____
PROJECT LOCATION 4788 Broadway, Manhattan, NY
GROUND ELEVATION 25.4 ft **HOLE SIZE** 2 inches
GROUND WATER LEVELS:
AT TIME OF DRILLING ---
AT END OF DRILLING ---
▼ AFTER DRILLING 14.60 ft / Elev 10.80 ft

AEI BORING - GINT STD US LAB.GDT - 9/8/17 11:38 - C:\USERS\ACAUTERUCCI\DESKTOP\344060 BORING LOGS.GPJ

DEPTH (ft)	SAMPLE TYPE NUMBER	BLOW COUNTS	PID DATA (ppm)	GRAPHIC LOG	MATERIAL DESCRIPTION	COMPLETION
0						Casing Top Elev: 25.02 (ft) Casing Type: PVC
5						PVC Riser
10						PVC Screen
15						





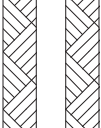
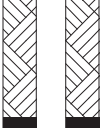

AEI Consultants
 2500 Camino Diablo
 Walnut Creek
 Telephone: 925.746.6000

BORING NUMBER MW-2

CLIENT The Mercadien Group
PROJECT NUMBER 344060
DATE STARTED 7/27/17 **COMPLETED** 7/27/17
DRILLING CONTRACTOR Core Down Drilling
DRILLING METHOD Hollow Stem Auger
LOGGED BY Anthony Cauterucci **CHECKED BY** _____
NOTES _____

PROJECT NAME _____
PROJECT LOCATION 4788 Broadway, Manhattan, NY
GROUND ELEVATION 25.39 ft **HOLE SIZE** 2 inches
GROUND WATER LEVELS:
AT TIME OF DRILLING ---
AT END OF DRILLING ---
▼ AFTER DRILLING 14.45 ft / Elev 10.94 ft

AEI BORING - GINT STD US LAB.GDT - 9/8/17 11:38 - C:\USERS\ACAUTERUCCI\DESKTOP\344060 BORING LOGS.GPJ

DEPTH (ft)	SAMPLE TYPE NUMBER	BLOW COUNTS	PID DATA (ppm)	GRAPHIC LOG	MATERIAL DESCRIPTION	COMPLETION
0						Casing Top Elev: 25.01 (ft) Casing Type: PVC
5						 PVC Riser
10						 PVC Screen
15						



AEI Consultants
 2500 Camino Diablo
 Walnut Creek
 Telephone: 925.746.6000

BORING NUMBER MW-3

CLIENT <u>The Mercadien Group</u>	PROJECT NAME _____
PROJECT NUMBER <u>344060</u>	PROJECT LOCATION <u>4788 Broadway, Manhattan, NY</u>
DATE STARTED <u>7/27/17</u> COMPLETED <u>7/27/17</u>	GROUND ELEVATION <u>25.59 ft</u> HOLE SIZE <u>2 inches</u>
DRILLING CONTRACTOR <u>Core Down Drilling</u>	GROUND WATER LEVELS:
DRILLING METHOD <u>Hollow Stem Auger</u>	AT TIME OF DRILLING <u>---</u>
LOGGED BY <u>Anthony Cauterucci</u> CHECKED BY _____	AT END OF DRILLING <u>---</u>
NOTES _____	▼ AFTER DRILLING <u>14.40 ft / Elev 11.19 ft</u>

DEPTH (ft)	SAMPLE TYPE NUMBER	BLOW COUNTS	PID DATA (ppm)	GRAPHIC LOG	MATERIAL DESCRIPTION	COMPLETION
0						Casing Top Elev: 25.15 (ft) Casing Type: PVC
5						PVC Riser
10						
15					▼	PVC Screen

AEI BORING - GINT STD US LAB.GDT - 9/8/17 11:38 - C:\USERS\ACAUTERUCCI\DESKTOP\344060 BORING LOGS.GPJ

APPENDIX B

LABORATORY DATA DELIVERABLES



www.alphalab.com



Alpha Analytical

Laboratory Code: 11148

SDG Number: L1723686

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Project Name: VAZQUEZ
Project Number: 344060

Lab Number: L1723686
Report Date: 08/08/17

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1723686-01	SB5 (16-16.5)	SOIL	4778 BROADWAY, NYC, NY	07/11/17 09:20	07/12/17
L1723686-02	SB5 (13.5-14)	SOIL	4778 BROADWAY, NYC, NY	07/11/17 09:40	07/12/17
L1723686-03	SB6 (15-15.5)	SOIL	4778 BROADWAY, NYC, NY	07/11/17 10:00	07/12/17
L1723686-04	SB6 (17-17.5)	SOIL	4778 BROADWAY, NYC, NY	07/11/17 10:10	07/12/17
L1723686-05	SB7 (9-9.5)	SOIL	4778 BROADWAY, NYC, NY	07/11/17 10:40	07/12/17
L1723686-06	SB7 (17.5-18)	SOIL	4778 BROADWAY, NYC, NY	07/11/17 10:45	07/12/17
L1723686-07	SB8 (15-15.5)	SOIL	4778 BROADWAY, NYC, NY	07/11/17 11:30	07/12/17
L1723686-08	SB8 (18.5-19)	SOIL	4778 BROADWAY, NYC, NY	07/11/17 11:40	07/12/17
L1723686-09	SB9 (5-5.5)	SOIL	4778 BROADWAY, NYC, NY	07/11/17 12:30	07/12/17
L1723686-10	SB9 (17.5-18)	SOIL	4778 BROADWAY, NYC, NY	07/11/17 12:40	07/12/17
L1723686-11	SB10 (2-2.5)	SOIL	4778 BROADWAY, NYC, NY	07/11/17 13:00	07/12/17
L1723686-12	SB10 (7.5-8)	SOIL	4778 BROADWAY, NYC, NY	07/11/17 13:05	07/12/17
L1723686-13	SB11 (13.5-14)	SOIL	4778 BROADWAY, NYC, NY	07/11/17 13:30	07/12/17
L1723686-14	SB11 (16-16.5)	SOIL	4778 BROADWAY, NYC, NY	07/11/17 13:35	07/12/17
L1723686-15	SB12 (17-17.5)	SOIL	4778 BROADWAY, NYC, NY	07/11/17 13:50	07/12/17
L1723686-16	SB12 (19.5-20)	SOIL	4778 BROADWAY, NYC, NY	07/11/17 14:00	07/12/17
L1723686-17	TWP-SB5	WATER	4778 BROADWAY, NYC, NY	07/11/17 09:00	07/12/17
L1723686-18	TWP-SB6	WATER	4778 BROADWAY, NYC, NY	07/11/17 09:40	07/12/17
L1723686-19	TWP-SB7	WATER	4778 BROADWAY, NYC, NY	07/11/17 10:20	07/12/17
L1723686-20	TWP-SB8	WATER	4778 BROADWAY, NYC, NY	07/11/17 11:00	07/12/17
L1723686-21	TWP-SB9	WATER	4778 BROADWAY, NYC, NY	07/11/17 11:45	07/12/17
L1723686-22	TWP-SB10	WATER	4778 BROADWAY, NYC, NY	07/11/17 12:50	07/12/17
L1723686-23	TWP-SB11	WATER	4778 BROADWAY, NYC, NY	07/11/17 13:10	07/12/17
L1723686-24	TWP-SB12	WATER	4778 BROADWAY, NYC, NY	07/11/17 13:40	07/12/17

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1723686-25	FIELD BLANK	WATER	4778 BROADWAY, NYC, NY	07/11/17 08:00	07/12/17
L1723686-26	TRIP BLANK	WATER	4778 BROADWAY, NYC, NY	07/11/17 00:00	07/12/17

Project Name: VAZQUEZ
Project Number: 344060

Lab Number: L1723686
Report Date: 08/08/17

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY

For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Client Services at 800-624-9220 with any questions.

Project Name: VAZQUEZ
Project Number: 344060

Lab Number: L1723686
Report Date: 08/08/17

Case Narrative (continued)

Report Submission

This final report replaces the partial report issued July 19, 2017, and includes the results of all requested analyses.

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Sample Receipt

L1723686-25 and -26: A Field Blank and Trip Blank were received in the laboratory, but not listed on the Chain of Custody. At the client's request, they were analyzed.

Volatile Organics

L1723686-05: The surrogate recovery is outside the acceptance criteria for 4-bromofluorobenzene (143%); however, the sample was not re-analyzed due to coelution with an obvious interference. A copy of the chromatogram is included as an attachment to this report. The results are not considered to be biased.

L1723686-12: The surrogate recovery is below the acceptance criteria for dibromofluoromethane (65%), possibly due to the matrix effect caused by the high pH of the sample (>10).

L1723686-13: The sample has elevated detection limits due to the dilution required by the elevated concentrations of non-target compounds in the sample.

L1723686-14: The surrogate recovery is outside the acceptance criteria for 4-bromofluorobenzene (144%); however, the sample was not re-analyzed due to coelution with an obvious interference. A copy of the chromatogram is included as an attachment to this report. The results are not considered to be biased.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:

Report Date: 08/08/17

Title: Technical Director/Representative

GLOSSARY

Acronyms

EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensation Product".
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related

Report Format: DU Report with 'J' Qualifiers



Project Name: VAZQUEZ
Project Number: 344060

Lab Number: L1723686
Report Date: 08/08/17

Data Qualifiers

projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.



Volatile Organics Instruments

Volatile Organics:

Instrument: Agilent 5975MSD (or equivalent)	Columns (length x ID x df):
Trap: Supelco K Trap (VOACARB 3000)	RTX-VMS 20m x 0.18mm x 1um
Concentrator: EST Encon (or equivalent)	RTX-VMS 30m x 0.25mm x 1.4um
Autosampler: EST Centurion (or equivalent)	RTX-502.2 40m x 0.18mm x 1um
Purge time: 11 min	

Volatile Organics: VPH

Instrument: Agilent 6890 (or equivalent)	Column Type: Restek RTX 502.2
Trap: Supelco K Trap (VOACARB 3000)	Column Length: 105 Meters
Concentrator: EST Encon (or equivalent)	df: 3.00 um
Autosampler: EST Centurion (or equivalent)	ID: 0.53mm

Volatile Organics: PIANO

Instrument: Agilent 7890 GC/5975C MSD	Column Type: DB-VRX
Trap: Supelco K Trap (VOACARB 3000)	Column Length: 60 Meters
Concentrator: Tekmar Velocity / EST Encon	df: 1.40 um
Autosampler: Varian Archon / EST Centurion	ID: 0.25 mm
Purge time: 11 min	Desorb: 1 min

Volatile Organics in Air Instruments

Volatile Organics in Air:

Instruments: Agilent 6890 GC / 5975 MSD Shimadzu QP2010-SE

Concentrator: Entech 7100A or 7200	Column Type: Restek RTX-1
Autosampler: Entech 7016CA or 7016D	Column Length: 60 Meters
	df: 1.00 um
	ID: 0.52 mm or 0.32 mm

Trap 1: Glass Bead: manufacturer-Entech: 20 cm packing material

Trap 2: Tenax: manufacturer-Entech: 20 cm packing material



Semivolatile Organics Instruments - Westborough

Semivolatile Organics (Acid/Base/Neutral Extractables):

Instrument: Agilent 5973N MSD	Injection volume: 1 ul
Column Type: Restek RXI-5SILMS	df: 0.25 um
Column Length: 30 Meters	ID: 0.25 mm

Polynuclear Aromatic Hydrocarbons by 8270 SIM:

Instrument: Agilent 5973 MSD	Injection volume: 1 ul
Column Type: Restek RTX-5MS	df: 0.25 um
Column Length: 30 Meters	ID: 0.25 mm

Pesticides/PCB

Instrument: Agilent 6890 w/Dual Micro ECDs	Injection Volume: 1uL
Column A: Restek RTX-CL/STX-CL	df: 0.32
Column B: Restek RTX/STX-CLPPesticide II	df: 0.25
Column Length: 30 Meters	ID: 0.32 mm

Herbicides

Instrument: Agilent 6890 w/Dual Micro ECDs	Injection Volume: 1uL
Column A: Restek RTX-1701	df: 0.25
Column B: Restek RTX-5	df: 0.25
Column Length: 30 Meters	ID: 0.32 mm

Petroleum

Instrument: Agilent 6890 w/FID / HP 5890 w/ FID	Injection Volume: 1uL
Column: Restek RTX 5	df: 0.25
Column Length: 30 Meters	
ID: 0.32 mm	

EPH

Instrument: Agilent 6890N w/FID	Injection Volume: 1uL
Column: Restek RTX 5	df: 0.25
Column Length: 30 Meters	
ID: 0.32 mm	

Semivolatile Organic Instruments - Mansfield

Semivolatile Organics (ALK-PAH Extractables):

Instrument: Agilent 5973N / 5975 MSD	Injection volume: 1 ul
Column Type: ZB-5	df: 0.25 um
Column Length: 60 Meters	ID: 0.25 mm

Semivolatile Organics (8270):

Instrument: Agilent 5973N / 5975 MSD	Injection volume: 2 ul
Column Type: ZB-Semivolatiles	df: 0.25 um
Column Length: 30 Meters	ID: 0.25 mm

Semivolatile Organics (8270 SIM):

Instrument: Agilent 5973N / 5975 MSD	Injection volume: 3 ul
Column Type: ZB-5	df: 0.25 um
Column Length: 30 Meters	ID: 0.25 mm

Semivolatile Organics (1,4-Dioxane):

Instrument: Agilent 5973N / 5975 / 5977 MSD	Injection volume: 3 ul
Column Type: RTX-5, RTX-PCB	df: 0.25um, 0.18 um
Column Length: 60 Meters	ID: 0.25um, 0.18 mm

Semivolatile Organics (209 Congener):

Instrument: Agilent 5973N / 5975 MSD	Injection volume: 3 ul
Column Type: RTX-5, RTX-PCB	df: 0.25um, 0.18 um
Column Length: 60 Meters	ID: 0.25um, 0.18 mm

Semivolatile Organics (ECD):

Instrument: Agilent 6890 / 7890	Injection volume: 1 ul
Column Type: RTX-5 / RTX-CLP II	df: 0.25 um
Column Length: 60 Meters	ID: 0.25 mm

Semivolatile Organics (SHC Extractables):

Instrument: Agilent 6890	Injection volume: 1 ul
Column Type: RTX-5	df: 0.25 um
Column Length: 60 Meters	ID: 0.25 mm



Sample Delivery Group Summary

Alpha Job Number : L1723686

Received : 12-JUL-2017

Reviewer : Danielle Mott

Account Name : AEI Consultants

Project Number : 344060

Project Name : VAZQUEZ

Delivery Information

Samples Delivered By : Alpha Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
A	Absent/	Ice	3.7	

Condition Information

All samples on COC received? **YES**

Extra samples received? **YES**

Following additional samples were received: -25, -26

Are there any sample container discrepancies? **NO**

Are there any discrepancies between sample labels & COC? **YES**

L1723686-02: 11JUL17 09:40 vs. 11JUL17 09:30

Are samples in appropriate containers for requested analysis? **YES**

Are samples properly preserved for requested analysis? **YES**

Are samples within holding time for requested analysis? **YES**

All sampling equipment returned? **NA**

Volatile Organics/VPH

Reagent Water Vials Frozen by Client? **NO**

ALPHA ANALYTICAL LABORATORIES, INC.
 LOGIN CHAIN OF CUSTODY REPORT
 Aug 08 2017, 01:34 pm

Account: AEICON-NJ AEI Consultants Project: 344060
 Received: 12JUL17 Due Date: 08AUG17
 Mat PR Collected Container

Login Number: L1723686

Sample #	Client ID				
L1723686-01	SB5 (16-16.5)	3 S0	11JUL17 09:20	1-Plastic-A-TS,1-Vial-F,2-Vial-W	
	Prelim 7/19 ; Final 8/9	ASP-B	Package Due Date: 07/19/17		
5035KITS,ASP-B,NYTCL-8260HLW,TS					
L1723686-02	SB5 (13.5-14)	3 S0	11JUL17 09:40	1-Plastic-A-TS,1-Vial-F,2-Vial-W	
	Prelim 7/19 ; Final 8/9		Package Due Date: 07/19/17		
5035KITS,NYTCL-8260HLW,TS					
L1723686-03	SB6 (15-15.5)	3 S0	11JUL17 10:00	1-Plastic-A-TS,1-Vial-F,2-Vial-W	
	Prelim 7/19 ; Final 8/9		Package Due Date: 07/19/17		
5035KITS,NYTCL-8260HLW,TS					
L1723686-04	SB6 (17-17.5)	3 S0	11JUL17 10:10	1-Plastic-A-TS,1-Vial-F,2-Vial-W	
	Prelim 7/19 ; Final 8/9		Package Due Date: 07/19/17		
5035KITS,NYTCL-8260HLW,TS					
L1723686-05	SB7 (9-9.5)	3 S0	11JUL17 10:40	1-Plastic-A-TS,1-Vial-F,2-Vial-W	
	Prelim 7/19 ; Final 8/9		Package Due Date: 07/19/17		
5035KITS,NYTCL-8260HLW,TS					
L1723686-06	SB7 (17.5-18)	3 S0	11JUL17 10:45	1-Plastic-A-TS,1-Vial-F,2-Vial-W	
	Prelim 7/19 ; Final 8/9		Package Due Date: 07/19/17		
5035KITS,HOLD,HOLD-8260HLW,HOLD-WETCHEM					
L1723686-07	SB8 (15-15.5)	3 S0	11JUL17 11:30	1-Plastic-A-TS,1-Vial-F,2-Vial-W	
	Prelim 7/19 ; Final 8/9		Package Due Date: 07/19/17		

ALPHA ANALYTICAL LABORATORIES, INC.
 LOGIN CHAIN OF CUSTODY REPORT
 Aug 08 2017, 01:34 pm

Account: AEICON-NJ AEI Consultants Project: 344060
 Login Number: L1723686
 Received: 12JUL17 Due Date: 08AUG17
 Mat PR Collected Container

Sample #	Client ID					
5035KITS, NYTCL-8260HLW, TS						
L1723686-08 SB8 (18.5-19)		3 S0	11JUL17 11:40		1-Plastic-A-TS,1-Vial-F,2-Vial-W	
Prelim 7/19 ; Final 8/9		Package	Due Date: 07/19/17			
5035KITS, HOLD, HOLD-8260HLW, HOLD-WETCHEM						
L1723686-09 SB9 (5-5.5)		3 S0	11JUL17 12:30		1-Plastic-A-TS,1-Vial-F,2-Vial-W	
Prelim 7/19 ; Final 8/9		Package	Due Date: 07/19/17			
5035KITS, NYTCL-8260HLW, TS						
L1723686-10 SB9 (17.5-18)		3 S0	11JUL17 12:40		1-Plastic-A-TS,1-Vial-F,2-Vial-W	
Prelim 7/19 ; Final 8/9		Package	Due Date: 07/19/17			
5035KITS, HOLD, HOLD-8260HLW, HOLD-WETCHEM						
L1723686-11 SB10 (2-2.5)		3 S0	11JUL17 13:00		1-Plastic-A-TS,1-Vial-F,2-Vial-W	
Prelim 7/19 ; Final 8/9		Package	Due Date: 07/19/17			
5035KITS, NYTCL-8260HLW, TS						
L1723686-12 SB10 (7.5-8)		3 S0	11JUL17 13:05		1-Plastic-A-TS,1-Vial-F,2-Vial-W	
Prelim 7/19 ; Final 8/9		Package	Due Date: 07/19/17			
5035KITS, NYTCL-8260HLW, TS						
L1723686-13 SB11 (13.5-14)		3 S0	11JUL17 13:30		1-Plastic-A-TS,1-Vial-F,2-Vial-W	
Prelim 7/19 ; Final 8/9		Package	Due Date: 07/19/17			
5035KITS, NYTCL-8260HLW, TS						

ALPHA ANALYTICAL LABORATORIES, INC.
 LOGIN CHAIN OF CUSTODY REPORT
 Aug 08 2017, 01:34 pm

Account: AEICON-NJ AEI Consultants Project: 344060
 Login Number: L1723686
 Received: 12JUL17 Due Date: 08AUG17
 Mat PR Collected Container

Sample #	Client ID				
L1723686-14	SB11 (16-16.5)	3 S0	11JUL17 13:35	1-Plastic-A-TS,1-Vial-F,2-Vial-W	
	Prelim 7/19 ; Final 8/9	Package	Due Date: 07/19/17		
5035KITS, NYTCL-8260HLW, TS					
L1723686-15	SB12 (17-17.5)	3 S0	11JUL17 13:50	1-Plastic-A-TS,1-Vial-F,2-Vial-W	
	Prelim 7/19 ; Final 8/9	Package	Due Date: 07/19/17		
5035KITS, NYTCL-8260HLW, TS					
L1723686-16	SB12 (19.5-20)	3 S0	11JUL17 14:00	1-Plastic-A-TS,1-Vial-F,2-Vial-W	
	Prelim 7/19 ; Final 8/9	Package	Due Date: 07/19/17		
5035KITS, HOLD, HOLD-8260HLW, HOLD-WETCHEM					
L1723686-17	TWP-SB5	1 S0	11JUL17 09:00	3-Vial-B	
	Prelim 7/19 ; Final 8/9	Package	Due Date: 07/19/17		
NYTCL-8260					
L1723686-18	TWP-SB6	1 S0	11JUL17 09:40	3-Vial-B	
	Prelim 7/19 ; Final 8/9	Package	Due Date: 07/19/17		
NYTCL-8260					
L1723686-19	TWP-SB7	1 S0	11JUL17 10:20	3-Vial-B	
	Prelim 7/19 ; Final 8/9	Package	Due Date: 07/19/17		
NYTCL-8260					
L1723686-20	TWP-SB8	1 S0	11JUL17 11:00	3-Vial-B	
	Prelim 7/19 ; Final 8/9	Package	Due Date: 07/19/17		

ALPHA ANALYTICAL LABORATORIES, INC.
LOGIN CHAIN OF CUSTODY REPORT
Aug 08 2017, 01:34 pm

Account: AEICON-NJ AEI Consultants Project: 344060
Received: 12JUL17 Due Date: 08AUG17
Mat PR Collected Container
Login Number: L1723686

Sample #	Client ID	
NYTCL-8260		
L1723686-21	TWP-SB9	1 S0 11JUL17 11:45 3-Vial-B
Prelim 7/19 ; Final 8/9	Package	Due Date: 07/19/17
NYTCL-8260		
L1723686-22	TWP-SB10	1 S0 11JUL17 12:50 2-Vial-B
Prelim 7/19 ; Final 8/9	Package	Due Date: 07/19/17
NYTCL-8260		
L1723686-23	TWP-SB11	1 S0 11JUL17 13:10 3-Vial-B
Prelim 7/19 ; Final 8/9	Package	Due Date: 07/19/17
NYTCL-8260		
L1723686-24	TWP-SB12	1 S0 11JUL17 13:40 3-Vial-B
Prelim 7/19 ; Final 8/9	Package	Due Date: 07/19/17
NYTCL-8260		
L1723686-25	FIELD BLANK	1 S0 11JUL17 08:00 3-Vial-B
Prelim 7/19 ; Final 8/9	Package	Due Date: 07/19/17
NYTCL-8260		
L1723686-26	TRIP BLANK	1 S0 11JUL17 00:00 2-Vial-B
Prelim 7/19 ; Final 8/9	Package	Due Date: 07/19/17
NYTCL-8260		



Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

NEW YORK CHAIN OF CUSTODY

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 3

ALPHA Job # **L1723686**
Date Rec'd in Lab **7/12/17**

Client Information
Client: **AEI**
Address: **20 Gibson Ave, Ste 310, Freshfield, NY 07723**
Phone: **732-275-4719**
Fax: **732-275-4719**
Email: **accontente@aeiconsultants.com**

Project Information
Project Name: **Vazquez**
Project Location: **477 Broadway, NYC, NY**
Project # **344060**

Deliverables
 ASP-A
 EQUIS (1 File)
 Other

Billing Information
 Same as Client Info
PO # **136393**

Regulatory Requirement
 NY TOGS
 AWQ Standards
 NY Restricted Use
 NY Unrestricted Use
 NYC Sewer Discharge

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
 NJ
 NY
 Other:

Regulatory Requirement
 NY Part 375
 NY CP-51
 Other

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
 NJ
 NY
 Other:

These samples have been previously analyzed by Alpha
Other project specific requirements/comments:

Turn-Around Time
Standard
Rush (only if pre approved)
Due Date:
of Days:

ANALYSIS

Sample Filtration
 Done
 Lab to do Preservation
 Lab to do
(Please Specify below)
Sample Specific Comments

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	Container Type	Date/Time	Date/Time	Received By:
		Date	Time						
23686-01	SB5 (16-16.5)	7/11/17	9:20	S	AVC	V	7/12/17 10:40	7/12/17 12:40	Bob Johnson
02	SB5 (13.5-14)	7/11/17	9:40	S	AVC	B	7/12/17 10:40	7/12/17 12:40	Bob Johnson
03	SB6 (15-15.5)	7/11/17	10:00	S	AVC	B	7/12/17 10:40	7/12/17 12:40	Bob Johnson
04	SB6 (17-17.5)	7/11/17	10:10	S	AVC	B	7/12/17 10:40	7/12/17 12:40	Bob Johnson
05	SB7 (9-9.5)	7/11/17	10:45	S	AVC	B	7/12/17 10:40	7/12/17 12:40	Bob Johnson
06	SB7 (17.5-18)	7/11/17	11:30	S	AVC	B	7/12/17 10:40	7/12/17 12:40	Bob Johnson
07	SB8 (15-15.5)	7/11/17	11:40	S	AVC	B	7/12/17 10:40	7/12/17 12:40	Bob Johnson
08	SB8 (18.5-19)	7/11/17	11:40	S	AVC	B	7/12/17 10:40	7/12/17 12:40	Bob Johnson
09	SB9 (5-5.5)	7/11/17	12:30	S	AVC	B	7/12/17 10:40	7/12/17 12:40	Bob Johnson
10	SB9 (17.5-18)	7/11/17	12:40	S	AVC	B	7/12/17 10:40	7/12/17 12:40	Bob Johnson



**NEW YORK
CHAIN OF
CUSTODY**

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

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Date Rec'd
in Lab

7/12/17

L1723686
ALPHA Job #
H23686CM

Client Information
Client: AEI
Address:
Phone:
Fax:
Email:

Project Information
Project Name: 162902
Project Location: 4778 Broadway, NYC, NY
Project # 444060

(Use Project name as Project #)
Project Manager: Alcatraz
ALPHA Quote #:
Turn-Around Time
Standard Due Date:
Rush (only if pre approved) # of Days:

Deliverables
 ASP-A
 EQUS (1 File)
 Other
 ASP-B
 EQUS (4 File)
 Other

Billing Information
 Same as Client Info
PO # 136393

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
 NJ
 Other: NY

Regulatory Requirement
 NY TOGS
 AWQ Standards
 NY Restricted Use
 NY Unrestricted Use
 NYC Sewer Discharge

Regulatory Requirement
 NY Part 375
 NY CP-51
 Other

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
 NJ
 Other: NY

These samples have been previously analyzed by Alpha
Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
 Done
 Lab to do
 Preservation
 Lab to do
(Please Specify below)
Sample Specific Comments

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	Container Type	Date/Time	Relinquished By:	Date/Time	Received By:	Date/Time
		Date	Time								
23686-11	SB10 (2-2-5)	7/11/17	1300	S	AUC	V	7/12/17 12:40	Adrienne Chabrier	7/12/17 12:50	Edg. Jorgensen	7/12/17 12:50
12	SB10 (7.5-8)	7/11/17	1305	S	AUC	B	7/12/17 12:40	Adrienne Chabrier	7/12/17 12:50	Edg. Jorgensen	7/12/17 12:50
13	SB11 (13.5-14)	7/11/17	1330	S	AUC	B	7/12/17 12:40	Adrienne Chabrier	7/12/17 12:50	Edg. Jorgensen	7/12/17 12:50
14	SB11 (16-16.5)	7/11/17	1335	S	AUC	B	7/12/17 12:40	Adrienne Chabrier	7/12/17 12:50	Edg. Jorgensen	7/12/17 12:50
15	SB12 (17-17.5)	7/11/17	1350	S	AUC	B	7/12/17 12:40	Adrienne Chabrier	7/12/17 12:50	Edg. Jorgensen	7/12/17 12:50
16	SB12 (19.5-20)	7/11/17	1400	S	AUC	B	7/12/17 12:40	Adrienne Chabrier	7/12/17 12:50	Edg. Jorgensen	7/12/17 12:50
17	TWP-5B5	7/11/17	900	GW	AUC	V	7/12/17 12:40	Adrienne Chabrier	7/12/17 12:50	Edg. Jorgensen	7/12/17 12:50
18	TWP-5B6	7/11/17	940	GW	AUC	V	7/12/17 12:40	Adrienne Chabrier	7/12/17 12:50	Edg. Jorgensen	7/12/17 12:50
19	TWP-5B7	7/11/17	1020	GW	AUC	V	7/12/17 12:40	Adrienne Chabrier	7/12/17 12:50	Edg. Jorgensen	7/12/17 12:50
20	TWP-5B8	7/11/17	1100	GW	AUC	V	7/12/17 12:40	Adrienne Chabrier	7/12/17 12:50	Edg. Jorgensen	7/12/17 12:50

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle
O = Other

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)



NEW YORK CHAIN OF CUSTODY

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

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Project Information

Project Name: Vazquez
Project Location: 4778 Broadway, NYC, NY
Project #: 344060

Client Information

Client: AEI
Address:
Phone:
Fax:
Email:

Deliverables

ASP-A ASP-B
EQUIS (1 File) EQUIS (4 File)
Other

Regulatory Requirement

NY TOGS NY Part 375
AWQ Standards NY CP-51
NY Restricted Use Other
 NY Unrestricted Use
 NYC Sewer Discharge

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility: NJ NY Other:

Turn-Around Time
Standard Due Date:
Rush (only if pre approved) # of Days:

ANALYSIS

Sample ID	Sample Matrix	Collection Date	Collection Time	Sampler's Initials	Sample Specific Comments
23686-21	GW	7/11/17	1145	AEI	
22	GW	7/11/17	1250	AEI	
23	GW	7/11/17	1310	AEI	
24	GW	7/11/17	1340	AEI	

These samples have been previously analyzed by Alpha
Other project specific requirements/comments:

Please specify Metals or TAL.

Sample Filtration
 Done
 Lab to do
Preservation
 Lab to do
(Please Specify below)

Container Code
A = None
B = HCl
C = HNO₃
D = H₂SO₄
E = NaOH
F = MeOH
G = NaHSO₄
H = Na₂S₂O₃
K/E = Zn Ac/NaOH
O = Other

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By: [Signature] Date/Time: 7/12/17 12:40
[Signature] Date/Time: 7/12/17 12:40
[Signature] Date/Time: 7/12/17 12:55

Form No: 01-25 HC (rev. 30-Sept-2013)

Organics

GC/MS 8260

Analysis

Volatiles QC Summary

Form 2 Surrogate Recovery VOLATILES

Client: AEI Consultants
Project Name: VAZQUEZ

Lab Number: L1723686
Project Number: 344060
Matrix:

CLIENT ID (LAB SAMPLE NO.)	SMC1 DCA	SMC2 TOL	SMC3 BFB	SMC4 DBFM	TOT OUT
TWP-SB5 (L1723686-17D)	116	94	96	107	0
TWP-SB6 (L1723686-18D)	116	96	98	108	0
TWP-SB7 (L1723686-19D)	115	95	98	110	0
TWP-SB8 (L1723686-20D)	115	94	96	107	0
TWP-SB9 (L1723686-21D)	115	91	96	108	0
TWP-SB10 (L1723686-22D)	114	96	94	106	0
TWP-SB11 (L1723686-23D)	110	94	97	105	0
TWP-SB12 (L1723686-24)	117	97	96	111	0
FIELD BLANK (L1723686-25)	115	96	99	108	0
TRIP BLANK (L1723686-26)	114	96	98	108	0
WG1023276-3LCS	121	98	95	112	0
WG1023276-4LCSD	121	97	93	111	0
WG1023276-5BLANK	117	97	96	111	0
WG1023473-3LCS	111	97	95	110	0
WG1023473-4LCSD	110	96	94	111	0
WG1023473-5BLANK	115	97	95	111	0

QC LIMITS

(70-130) DCA = 1,2-DICHLOROETHANE-D4
 (70-130) TOL = TOLUENE-D8
 (70-130) BFB = 4-BROMOFLUOROBENZENE
 (70-130) DBFM = DIBROMOFLUOROMETHANE)

* Values outside of QC limits

FORM II NYTCL-8260



Form 2 Surrogate Recovery VOLATILES

Client: AEI Consultants
Project Name: VAZQUEZ

Lab Number: L1723686
Project Number: 344060
Matrix:

CLIENT ID (LAB SAMPLE NO.)	SMC1 DCA	SMC2 TOL	SMC3 BFB	SMC4 DBFM	TOT OUT
SB5 (16-16.5) (L1723686-01D)	116	112	127	99	0
SB5 (13.5-14) (L1723686-02)	110	109	113	102	0
SB6 (15-15.5) (L1723686-03)	118	107	108	101	0
SB6 (17-17.5) (L1723686-04D)	93	103	107	92	0
SB6 (17-17.5) (L1723686-04D2)	90	101	109	96	0
SB7 (9-9.5) (L1723686-05)	110	122	143*	97	1
SB8 (15-15.5) (L1723686-07)	110	107	108	98	0
SB9 (5-5.5) (L1723686-09D)	111	108	116	101	0
SB10 (2-2.5) (L1723686-11)	88	103	108	97	0
SB10 (7.5-8) (L1723686-12)	90	101	109	65*	1
SB11 (13.5-14) (L1723686-13D)	109	112	121	99	0
SB11 (16-16.5) (L1723686-14)	108	124	144*	78	1
SB12 (17-17.5) (L1723686-15)	88	102	107	97	0
WG1022759-3LCS	116	98	103	104	0
WG1022759-4LCSD	119	99	103	108	0
WG1022759-5BLANK	120	100	99	103	0
WG1023115-3LCS	89	103	103	99	0
WG1023115-4LCSD	92	103	102	100	0
WG1023115-5BLANK	93	101	102	104	0
WG1023153-3LCS	104	108	107	98	0
WG1023153-4LCSD	106	108	106	100	0
WG1023153-5BLANK	111	104	104	99	0
WG1023156-3LCS	104	108	107	98	0
WG1023156-4LCSD	106	108	106	100	0
WG1023156-5BLANK	110	104	104	99	0
WG1023786-10BLANK	91	101	105	99	0
WG1023786-3LCS	89	103	105	96	0
WG1023786-4LCSD	87	103	103	97	0

QC LIMITS

(70-130) DCA = 1,2-DICHLOROETHANE-D4
 (70-130) TOL = TOLUENE-D8
 (70-130) BFB = 4-BROMOFLUOROBENZENE
 (70-130) DBFM = DIBROMOFLUOROMETHANE)

* Values outside of QC limits

FORM II



Form 2
Surrogate Recovery
VOLATILES

Client: AEI Consultants
Project Name: VAZQUEZ

Lab Number: L1723686
Project Number: 344060
Matrix:

CLIENT ID (LAB SAMPLE NO.)	SMC1 DCA	SMC2 TOL	SMC3 BFB	SMC4 DBFM	TOT OUT
WG1023786-5BLANK	91	101	105	96	0
WG1023786-8LCS	89	103	106	97	0
WG1023786-9LCSD	88	103	103	97	0

QC LIMITS

(70-130) DCA = 1,2-DICHLOROETHANE-D4
(70-130) TOL = TOLUENE-D8
(70-130) BFB = 4-BROMOFLUOROBENZENE
(70-130) DBFM = DIBROMOFLUOROMETHANE)

* Values outside of QC limits

FORM II



Laboratory Control Sample Form 3

Client	: AEI Consultants	Lab Number	: L1723686
Project Name	: VAZQUEZ	Project Number	: 344060
Matrix	: SOIL		
LCS Sample ID	: WG1022759-3	Analysis Date	: 07/14/17 07:42
LCS Sample ID	: WG1022759-4	Analysis Date	: 07/14/17 08:08
		File ID	: V04170714A01
		File ID	: V04170714A02

Parameter	Laboratory Control Sample			Laboratory Control Duplicate			RPD	Recovery Limits	RPD Limit
	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R			
1,2-Dibromo-3-chloropropane	20	17.	84	20	16.	82	2	68-130	30
Hexachlorobutadiene	20	20.	100	20	20.	98	2	67-130	30
Isopropylbenzene	20	20.	98	20	19.	96	2	70-130	30
p-Isopropyltoluene	20	20.	99	20	20.	98	1	70-130	30
Naphthalene	20	17.	85	20	17.	86	1	70-130	30
Acrylonitrile	20	20.	101	20	24.	119	16	70-130	30
n-Propylbenzene	20	19.	97	20	19.	94	3	70-130	30
1,2,3-Trichlorobenzene	20	18.	89	20	18.	90	1	70-130	30
1,2,4-Trichlorobenzene	20	18.	92	20	18.	88	4	70-130	30
1,3,5-Trimethylbenzene	20	20.	99	20	19.	96	3	70-130	30
1,2,4-Trimethylbenzene	20	20.	99	20	19.	95	4	70-130	30
1,4-Dioxane	1000	1100	114	1000	1100	107	6	65-136	30
p-Diethylbenzene	20	20.	102	20	20.	99	3	70-130	30
p-Ethyltoluene	20	20.	102	20	20.	102	0	70-130	30
1,2,4,5-Tetramethylbenzene	20	20.	100	20	20.	98	2	70-130	30
Ethyl ether	20	20.	100	20	20.	99	1	67-130	30
trans-1,4-Dichloro-2-butene	20	19.	92	20	20.	100	8	70-130	30



Laboratory Control Sample Form 3

Client	: AEI Consultants	Lab Number	: L1723686
Project Name	: VAZQUEZ	Project Number	: 344060
Matrix	: SOIL		
LCS Sample ID	: WG1023115-3	Analysis Date	: 07/16/17 07:59
LCSD Sample ID	: WG1023115-4	Analysis Date	: 07/16/17 08:26
		File ID	: V17170716A01
		File ID	: V17170716A02

Parameter	Laboratory Control Sample			Laboratory Control Duplicate			RPD	Recovery Limits	RPD Limit
	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R			
1,2-Dichlorobenzene	20	21.	107	20	20.	101	6	70-130	30
1,3-Dichlorobenzene	20	22.	109	20	21.	102	7	70-130	30
1,4-Dichlorobenzene	20	22.	108	20	20.	101	7	70-130	30
Methyl tert butyl ether	20	19.	93	20	18.	92	1	66-130	30
p/m-Xylene	40	44.	109	40	41.	102	7	70-130	30
o-Xylene	40	41.	102	40	38.	94	8	70-130	30
cis-1,2-Dichloroethene	20	21.	104	20	20.	98	6	70-130	30
Dibromomethane	20	19.	96	20	18.	92	4	70-130	30
Styrene	40	42.	104	40	39.	97	7	70-130	30
Dichlorodifluoromethane	20	22.	108	20	20.	99	9	30-146	30
Acetone	20	19.	97	20	18.	89	9	54-140	30
Carbon disulfide	20	20.	98	20	18.	88	11	59-130	30
2-Butanone	20	18.	92	20	17.	87	6	70-130	30
Vinyl acetate	20	19.	94	20	19.	93	1	70-130	30
4-Methyl-2-pentanone	20	19.	93	20	19.	94	1	70-130	30
1,2,3-Trichloropropane	20	20.	98	20	19.	92	6	68-130	30
2-Hexanone	20	17.	85	20	17.	84	1	70-130	30
Bromochloromethane	20	21.	104	20	20.	99	5	70-130	30
2,2-Dichloropropane	20	21.	105	20	20.	99	6	70-130	30
1,2-Dibromoethane	20	20.	99	20	20.	98	1	70-130	30
1,3-Dichloropropane	20	20.	100	20	19.	95	5	69-130	30
1,1,1,2-Tetrachloroethane	20	22.	109	20	21.	102	7	70-130	30
Bromobenzene	20	22.	108	20	20.	101	7	70-130	30
n-Butylbenzene	20	22.	110	20	20.	102	8	70-130	30
sec-Butylbenzene	20	22.	110	20	20.	102	8	70-130	30
tert-Butylbenzene	20	22.	110	20	21.	102	8	70-130	30
o-Chlorotoluene	20	22.	110	20	21.	102	8	70-130	30
p-Chlorotoluene	20	22.	108	20	20.	101	7	70-130	30



Laboratory Control Sample Form 3

Client	: AEI Consultants	Lab Number	: L1723686
Project Name	: VAZQUEZ	Project Number	: 344060
Matrix	: SOIL		
LCS Sample ID	: WG1023115-3	Analysis Date	: 07/16/17 07:59
LCS Sample ID	: WG1023115-4	Analysis Date	: 07/16/17 08:26
		File ID	: V17170716A01
		File ID	: V17170716A02

Parameter	Laboratory Control Sample			Laboratory Control Duplicate			RPD	Recovery Limits	RPD Limit
	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R			
1,2-Dibromo-3-chloropropane	20	20.	100	20	20.	102	2	68-130	30
Hexachlorobutadiene	20	24.	120	20	23.	114	5	67-130	30
Isopropylbenzene	20	22.	107	20	20.	100	7	70-130	30
p-Isopropyltoluene	20	22.	111	20	21.	103	7	70-130	30
Naphthalene	20	19.	97	20	19.	95	2	70-130	30
Acrylonitrile	20	20.	101	20	20.	100	1	70-130	30
n-Propylbenzene	20	22.	109	20	20.	100	9	70-130	30
1,2,3-Trichlorobenzene	20	22.	109	20	21.	103	6	70-130	30
1,2,4-Trichlorobenzene	20	22.	110	20	21.	106	4	70-130	30
1,3,5-Trimethylbenzene	20	23.	112	20	21.	104	7	70-130	30
1,2,4-Trimethylbenzene	20	22.	111	20	21.	103	7	70-130	30
1,4-Dioxane	1000	840	84	1000	820	82	2	65-136	30
p-Diethylbenzene	20	22.	108	20	20.	100	8	70-130	30
p-Ethyltoluene	20	22.	110	20	20.	102	8	70-130	30
1,2,4,5-Tetramethylbenzene	20	21.	106	20	20.	98	8	70-130	30
Ethyl ether	20	21.	105	20	20.	100	5	67-130	30
trans-1,4-Dichloro-2-butene	20	19.	93	20	18.	92	1	70-130	30



Laboratory Control Sample Form 3

Client	: AEI Consultants	Lab Number	: L1723686
Project Name	: VAZQUEZ	Project Number	: 344060
Matrix	: SOIL		
LCS Sample ID	: WG1023153-3	Analysis Date	: 07/16/17 07:59
LCS Sample ID	: WG1023153-4	Analysis Date	: 07/16/17 08:26
		File ID	: V04170716A01
		File ID	: V04170716A02

Parameter	Laboratory Control Sample			Laboratory Control Duplicate			RPD	Recovery Limits	RPD Limit
	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R			
1,2-Dibromo-3-chloropropane	20	18.	90	20	18.	92	2	68-130	30
Hexachlorobutadiene	20	18.	92	20	20.	100	8	67-130	30
Isopropylbenzene	20	19.	96	20	21.	103	7	70-130	30
p-Isopropyltoluene	20	19.	96	20	21.	104	8	70-130	30
Naphthalene	20	18.	91	20	19.	94	3	70-130	30
Acrylonitrile	20	18.	88	20	20.	101	14	70-130	30
n-Propylbenzene	20	19.	96	20	21.	104	8	70-130	30
1,2,3-Trichlorobenzene	20	19.	93	20	20.	98	5	70-130	30
1,2,4-Trichlorobenzene	20	18.	91	20	19.	97	6	70-130	30
1,3,5-Trimethylbenzene	20	19.	95	20	21.	105	10	70-130	30
1,2,4-Trimethylbenzene	20	19.	96	20	21.	104	8	70-130	30
1,4-Dioxane	1000	1000	104	1000	1000	103	1	65-136	30
p-Diethylbenzene	20	20.	100	20	21.	107	7	70-130	30
p-Ethyltoluene	20	20.	98	20	22.	108	10	70-130	30
1,2,4,5-Tetramethylbenzene	20	20.	98	20	21.	106	8	70-130	30
Ethyl ether	20	16.	81	20	18.	90	11	67-130	30
trans-1,4-Dichloro-2-butene	20	20.	99	20	19.	97	2	70-130	30



Laboratory Control Sample Form 3

Client	: AEI Consultants	Lab Number	: L1723686
Project Name	: VAZQUEZ	Project Number	: 344060
Matrix	: SOIL		
LCS Sample ID	: WG1023156-3	Analysis Date	: 07/16/17 07:59
LCSD Sample ID	: WG1023156-4	Analysis Date	: 07/16/17 08:26
		File ID	: V04170716A01
		File ID	: V04170716A02

Parameter	Laboratory Control Sample			Laboratory Control Duplicate			RPD	Recovery Limits	RPD Limit
	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R			
1,2-Dichlorobenzene	1000	930	93	1000	980	98	5	70-130	30
1,3-Dichlorobenzene	1000	940	94	1000	1000	100	6	70-130	30
1,4-Dichlorobenzene	1000	900	90	1000	990	99	10	70-130	30
Methyl tert butyl ether	1000	690	69	1000	620	62	Q 11	66-130	30
p/m-Xylene	2000	1800	91	2000	2000	98	7	70-130	30
o-Xylene	2000	1800	90	2000	1900	97	7	70-130	30
cis-1,2-Dichloroethene	1000	850	85	1000	920	92	8	70-130	30
Dibromomethane	1000	880	88	1000	930	93	6	70-130	30
Styrene	2000	1800	90	2000	2000	98	9	70-130	30
Dichlorodifluoromethane	1000	830	83	1000	920	92	10	30-146	30
Acetone	1000	950	95	1000	1000	100	5	54-140	30
Carbon disulfide	1000	640	64	1000	620	62	3	59-130	30
2-Butanone	1000	840	84	1000	870	87	4	70-130	30
Vinyl acetate	1000	890	88	1000	970	97	10	70-130	30
4-Methyl-2-pentanone	1000	990	98	1000	1000	103	5	70-130	30
1,2,3-Trichloropropane	1000	980	98	1000	990	99	1	68-130	30
2-Hexanone	1000	970	97	1000	1000	102	5	70-130	30
Bromochloromethane	1000	860	86	1000	900	90	5	70-130	30
2,2-Dichloropropane	1000	860	86	1000	970	97	12	70-130	30
1,2-Dibromoethane	1000	930	93	1000	990	99	6	70-130	30
1,3-Dichloropropane	1000	940	94	1000	990	98	4	69-130	30
1,1,1,2-Tetrachloroethane	1000	910	91	1000	980	98	7	70-130	30
Bromobenzene	1000	930	93	1000	990	99	6	70-130	30
n-Butylbenzene	1000	970	97	1000	1000	103	6	70-130	30
sec-Butylbenzene	1000	950	95	1000	1000	103	8	70-130	30
tert-Butylbenzene	1000	940	94	1000	1000	103	9	70-130	30
o-Chlorotoluene	1000	940	94	1000	1000	102	8	70-130	30
p-Chlorotoluene	1000	970	97	1000	1000	103	6	70-130	30



Laboratory Control Sample Form 3

Client	: AEI Consultants	Lab Number	: L1723686
Project Name	: VAZQUEZ	Project Number	: 344060
Matrix	: SOIL		
LCS Sample ID	: WG1023156-3	Analysis Date	: 07/16/17 07:59
LCS Sample ID	: WG1023156-4	Analysis Date	: 07/16/17 08:26
		File ID	: V04170716A01
		File ID	: V04170716A02

Parameter	Laboratory Control Sample			Laboratory Control Duplicate			RPD	Recovery Limits	RPD Limit
	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R			
1,2-Dibromo-3-chloropropane	1000	900	90	1000	920	92	2	68-130	30
Hexachlorobutadiene	1000	920	92	1000	1000	100	8	67-130	30
Isopropylbenzene	1000	960	96	1000	1000	103	7	70-130	30
p-Isopropyltoluene	1000	960	96	1000	1000	104	8	70-130	30
Naphthalene	1000	910	91	1000	940	94	3	70-130	30
Acrylonitrile	1000	880	88	1000	1000	101	14	70-130	30
n-Propylbenzene	1000	960	96	1000	1000	104	8	70-130	30
1,2,3-Trichlorobenzene	1000	930	93	1000	980	98	5	70-130	30
1,2,4-Trichlorobenzene	1000	910	91	1000	970	97	6	70-130	30
1,3,5-Trimethylbenzene	1000	950	95	1000	1100	105	10	70-130	30
1,2,4-Trimethylbenzene	1000	960	96	1000	1000	104	8	70-130	30
1,4-Dioxane	50000	52000	104	50000	51000	103	1	65-136	30
p-Diethylbenzene	1000	1000	100	1000	1100	107	7	70-130	30
p-Ethyltoluene	1000	980	98	1000	1100	108	10	70-130	30
1,2,4,5-Tetramethylbenzene	1000	980	98	1000	1100	106	8	70-130	30
Ethyl ether	1000	810	81	1000	900	90	11	67-130	30
trans-1,4-Dichloro-2-butene	1000	990	99	1000	970	97	2	70-130	30



Laboratory Control Sample Form 3

Client	: AEI Consultants	Lab Number	: L1723686
Project Name	: VAZQUEZ	Project Number	: 344060
Matrix	: WATER		
LCS Sample ID	: WG1023276-3	Analysis Date	: 07/17/17 10:08
LCSD Sample ID	: WG1023276-4	Analysis Date	: 07/17/17 10:36
		File ID	: V01170717A02
		File ID	: V01170717A03

Parameter	Laboratory Control Sample			Laboratory Control Duplicate			RPD	Recovery Limits	RPD Limit
	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R			
Methylene chloride	10	9.6	96	10	9.8	98	2	70-130	20
1,1-Dichloroethane	10	9.4	94	10	9.7	97	3	70-130	20
Chloroform	10	10.	100	10	10.	100	0	70-130	20
Carbon tetrachloride	10	11.	110	10	12.	120	9	63-132	20
1,2-Dichloropropane	10	9.1	91	10	9.5	95	4	70-130	20
Dibromochloromethane	10	10.	100	10	11.	110	10	63-130	20
1,1,2-Trichloroethane	10	9.1	91	10	9.4	94	3	70-130	20
Tetrachloroethene	10	10.	100	10	10.	100	0	70-130	20
Chlorobenzene	10	9.4	94	10	9.5	95	1	75-130	20
Trichlorofluoromethane	10	11.	110	10	12.	120	9	62-150	20
1,2-Dichloroethane	10	11.	110	10	12.	120	9	70-130	20
1,1,1-Trichloroethane	10	11.	110	10	11.	110	0	67-130	20
Bromodichloromethane	10	10.	100	10	11.	110	10	67-130	20
trans-1,3-Dichloropropene	10	8.9	89	10	9.2	92	3	70-130	20
cis-1,3-Dichloropropene	10	10.	100	10	10.	100	0	70-130	20
1,1-Dichloropropene	10	9.8	98	10	9.9	99	1	70-130	20
Bromoform	10	9.6	96	10	9.8	98	2	54-136	20
1,1,2,2-Tetrachloroethane	10	8.5	85	10	8.6	86	1	67-130	20
Benzene	10	9.2	92	10	9.6	96	4	70-130	20
Toluene	10	9.0	90	10	9.1	91	1	70-130	20
Ethylbenzene	10	9.0	90	10	9.2	92	2	70-130	20
Chloromethane	10	8.6	86	10	8.8	88	2	64-130	20
Bromomethane	10	9.1	91	10	9.6	96	5	39-139	20
Vinyl chloride	10	9.1	91	10	9.2	92	1	55-140	20
Chloroethane	10	9.1	91	10	9.5	95	4	55-138	20
1,1-Dichloroethene	10	9.8	98	10	10.	100	2	61-145	20
trans-1,2-Dichloroethene	10	9.9	99	10	10.	100	1	70-130	20
Trichloroethene	10	9.9	99	10	10.	100	1	70-130	20



Laboratory Control Sample Form 3

Client	: AEI Consultants	Lab Number	: L1723686
Project Name	: VAZQUEZ	Project Number	: 344060
Matrix	: WATER		
LCS Sample ID	: WG1023276-3	Analysis Date	: 07/17/17 10:08
LCSD Sample ID	: WG1023276-4	Analysis Date	: 07/17/17 10:36
		File ID	: V01170717A02
		File ID	: V01170717A03

Parameter	Laboratory Control Sample			Laboratory Control Duplicate			RPD	Recovery Limits	RPD Limit
	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R			
1,2-Dichlorobenzene	10	9.2	92	10	9.5	95	3	70-130	20
1,3-Dichlorobenzene	10	9.3	93	10	9.5	95	2	70-130	20
1,4-Dichlorobenzene	10	9.1	91	10	9.2	92	1	70-130	20
Methyl tert butyl ether	10	10.	100	10	11.	110	10	63-130	20
p/m-Xylene	20	19.	95	20	19.	95	0	70-130	20
o-Xylene	20	19.	95	20	19.	95	0	70-130	20
cis-1,2-Dichloroethene	10	9.8	98	10	10.	100	2	70-130	20
Dibromomethane	10	10.	100	10	11.	110	10	70-130	20
1,2,3-Trichloropropane	10	8.8	88	10	9.5	95	8	64-130	20
Acrylonitrile	10	8.9	89	10	9.3	93	4	70-130	20
Styrene	20	19.	95	20	19.	95	0	70-130	20
Dichlorodifluoromethane	10	11.	110	10	11.	110	0	36-147	20
Acetone	10	10.	100	10	11.	110	10	58-148	20
Carbon disulfide	10	9.1	91	10	9.2	92	1	51-130	20
2-Butanone	10	9.7	97	10	10.	100	3	63-138	20
Vinyl acetate	10	9.3	93	10	9.8	98	5	70-130	20
4-Methyl-2-pentanone	10	8.3	83	10	8.4	84	1	59-130	20
2-Hexanone	10	8.0	80	10	8.2	82	2	57-130	20
Bromochloromethane	10	11.	110	10	11.	110	0	70-130	20
2,2-Dichloropropane	10	11.	110	10	11.	110	0	63-133	20
1,2-Dibromoethane	10	9.9	99	10	10.	100	1	70-130	20
1,3-Dichloropropane	10	9.2	92	10	9.6	96	4	70-130	20
1,1,1,2-Tetrachloroethane	10	10.	100	10	10.	100	0	64-130	20
Bromobenzene	10	9.2	92	10	9.4	94	2	70-130	20
n-Butylbenzene	10	8.6	86	10	8.6	86	0	53-136	20
sec-Butylbenzene	10	8.8	88	10	8.8	88	0	70-130	20
tert-Butylbenzene	10	9.0	90	10	9.2	92	2	70-130	20
o-Chlorotoluene	10	8.7	87	10	8.9	89	2	70-130	20



Laboratory Control Sample Form 3

Client	: AEI Consultants	Lab Number	: L1723686
Project Name	: VAZQUEZ	Project Number	: 344060
Matrix	: WATER		
LCS Sample ID	: WG1023276-3	Analysis Date	: 07/17/17 10:08
LCS Sample ID	: WG1023276-4	Analysis Date	: 07/17/17 10:36
		File ID	: V01170717A02
		File ID	: V01170717A03

Parameter	Laboratory Control Sample			Laboratory Control Duplicate			RPD	Recovery Limits	RPD Limit
	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R			
p-Chlorotoluene	10	8.7	87	10	8.8	88	1	70-130	20
1,2-Dibromo-3-chloropropane	10	8.6	86	10	8.7	87	1	41-144	20
Hexachlorobutadiene	10	9.7	97	10	10.	100	3	63-130	20
Isopropylbenzene	10	8.9	89	10	8.9	89	0	70-130	20
p-Isopropyltoluene	10	9.0	90	10	9.2	92	2	70-130	20
Naphthalene	10	8.9	89	10	9.3	93	4	70-130	20
n-Propylbenzene	10	8.5	85	10	8.6	86	1	69-130	20
1,2,3-Trichlorobenzene	10	9.5	95	10	9.8	98	3	70-130	20
1,2,4-Trichlorobenzene	10	9.1	91	10	9.4	94	3	70-130	20
1,3,5-Trimethylbenzene	10	9.0	90	10	9.0	90	0	64-130	20
1,2,4-Trimethylbenzene	10	9.0	90	10	9.2	92	2	70-130	20
1,4-Dioxane	500	600	120	500	630	126	5	56-162	20
p-Diethylbenzene	10	8.9	89	10	9.2	92	3	70-130	20
p-Ethyltoluene	10	8.8	88	10	9.0	90	2	70-130	20
1,2,4,5-Tetramethylbenzene	10	9.1	91	10	9.3	93	2	70-130	20
Ethyl ether	10	9.9	99	10	10.	100	1	59-134	20
trans-1,4-Dichloro-2-butene	10	10.	100	10	11.	110	10	70-130	20



Laboratory Control Sample Form 3

Client	: AEI Consultants	Lab Number	: L1723686
Project Name	: VAZQUEZ	Project Number	: 344060
Matrix	: WATER		
LCS Sample ID	: WG1023473-3	Analysis Date	: 07/17/17 20:40
LCSD Sample ID	: WG1023473-4	Analysis Date	: 07/17/17 21:08
		File ID	: V01170717N02
		File ID	: V01170717N03

Parameter	Laboratory Control Sample			Laboratory Control Duplicate			RPD	Recovery Limits	RPD Limit
	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R			
1,2-Dichlorobenzene	10	9.5	95	10	9.2	92	3	70-130	20
1,3-Dichlorobenzene	10	9.6	96	10	9.2	92	4	70-130	20
1,4-Dichlorobenzene	10	9.5	95	10	9.0	90	5	70-130	20
Methyl tert butyl ether	10	10.	100	10	10.	100	0	63-130	20
p/m-Xylene	20	20.	100	20	19.	95	5	70-130	20
o-Xylene	20	20.	100	20	19.	95	5	70-130	20
cis-1,2-Dichloroethene	10	10.	100	10	10.	100	0	70-130	20
Dibromomethane	10	11.	110	10	10.	100	10	70-130	20
1,2,3-Trichloropropane	10	9.1	91	10	8.8	88	3	64-130	20
Acrylonitrile	10	9.1	91	10	8.8	88	3	70-130	20
Styrene	20	20.	100	20	19.	95	5	70-130	20
Dichlorodifluoromethane	10	8.9	89	10	8.7	87	2	36-147	20
Acetone	10	11.	110	10	11.	110	0	58-148	20
Carbon disulfide	10	9.3	93	10	9.0	90	3	51-130	20
2-Butanone	10	8.2	82	10	8.5	85	4	63-138	20
Vinyl acetate	10	9.4	94	10	9.2	92	2	70-130	20
4-Methyl-2-pentanone	10	8.3	83	10	7.9	79	5	59-130	20
2-Hexanone	10	7.6	76	10	7.6	76	0	57-130	20
Bromochloromethane	10	11.	110	10	11.	110	0	70-130	20
2,2-Dichloropropane	10	11.	110	10	10.	100	10	63-133	20
1,2-Dibromoethane	10	10.	100	10	10.	100	0	70-130	20
1,3-Dichloropropane	10	9.5	95	10	9.3	93	2	70-130	20
1,1,1,2-Tetrachloroethane	10	10.	100	10	10.	100	0	64-130	20
Bromobenzene	10	9.5	95	10	9.1	91	4	70-130	20
n-Butylbenzene	10	8.7	87	10	8.4	84	4	53-136	20
sec-Butylbenzene	10	8.9	89	10	8.5	85	5	70-130	20
tert-Butylbenzene	10	9.4	94	10	8.9	89	5	70-130	20
o-Chlorotoluene	10	9.2	92	10	8.8	88	4	70-130	20



Laboratory Control Sample Form 3

Client : AEI Consultants	Lab Number : L1723686
Project Name : VAZQUEZ	Project Number : 344060
Matrix : WATER	
LCS Sample ID : WG1023473-3	Analysis Date : 07/17/17 20:40
LCS Sample ID : WG1023473-4	Analysis Date : 07/17/17 21:08
	File ID : V01170717N02
	File ID : V01170717N03

Parameter	Laboratory Control Sample			Laboratory Control Duplicate			RPD	Recovery Limits	RPD Limit
	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R			
p-Chlorotoluene	10	9.1	91	10	8.8	88	3	70-130	20
1,2-Dibromo-3-chloropropane	10	8.4	84	10	8.4	84	0	41-144	20
Hexachlorobutadiene	10	9.6	96	10	9.5	95	1	63-130	20
Isopropylbenzene	10	9.2	92	10	8.7	87	6	70-130	20
p-Isopropyltoluene	10	9.3	93	10	9.0	90	3	70-130	20
Naphthalene	10	8.3	83	10	8.9	89	7	70-130	20
n-Propylbenzene	10	8.8	88	10	8.4	84	5	69-130	20
1,2,3-Trichlorobenzene	10	8.6	86	10	9.5	95	10	70-130	20
1,2,4-Trichlorobenzene	10	9.0	90	10	9.2	92	2	70-130	20
1,3,5-Trimethylbenzene	10	9.2	92	10	8.9	89	3	64-130	20
1,2,4-Trimethylbenzene	10	9.4	94	10	9.0	90	4	70-130	20
1,4-Dioxane	500	530	106	500	560	112	6	56-162	20
p-Diethylbenzene	10	9.4	94	10	9.0	90	4	70-130	20
p-Ethyltoluene	10	9.2	92	10	8.7	87	6	70-130	20
1,2,4,5-Tetramethylbenzene	10	9.5	95	10	9.0	90	5	70-130	20
Ethyl ether	10	10.	100	10	9.9	99	1	59-134	20
trans-1,4-Dichloro-2-butene	10	8.1	81	10	10.	100	21 Q	70-130	20



Laboratory Control Sample Form 3

Client	: AEI Consultants	Lab Number	: L1723686
Project Name	: VAZQUEZ	Project Number	: 344060
Matrix	: SOIL		
LCS Sample ID	: WG1023786-3	Analysis Date	: 07/18/17 07:10
LCS Sample ID	: WG1023786-4	Analysis Date	: 07/18/17 07:36
		File ID	: V17170718A01
		File ID	: V17170718A02

Parameter	Laboratory Control Sample			Laboratory Control Duplicate			RPD	Recovery Limits	RPD Limit
	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R			
Methylene chloride	1000	920	92	1000	930	93	1	70-130	30
1,1-Dichloroethane	1000	890	89	1000	920	92	3	70-130	30
Chloroform	1000	870	87	1000	900	90	3	70-130	30
Carbon tetrachloride	1000	940	94	1000	970	97	3	70-130	30
1,2-Dichloropropane	1000	900	90	1000	920	92	2	70-130	30
Dibromochloromethane	1000	930	93	1000	960	96	3	70-130	30
1,1,2-Trichloroethane	1000	940	94	1000	950	95	1	70-130	30
Tetrachloroethene	1000	990	98	1000	1000	102	4	70-130	30
Chlorobenzene	1000	930	93	1000	960	96	3	70-130	30
Trichlorofluoromethane	1000	770	77	1000	790	79	3	70-139	30
1,2-Dichloroethane	1000	790	79	1000	800	80	1	70-130	30
1,1,1-Trichloroethane	1000	910	91	1000	940	94	3	70-130	30
Bromodichloromethane	1000	850	85	1000	880	88	3	70-130	30
trans-1,3-Dichloropropene	1000	910	91	1000	950	95	4	70-130	30
cis-1,3-Dichloropropene	1000	890	89	1000	910	91	2	70-130	30
1,1-Dichloropropene	1000	910	91	1000	920	92	1	70-130	30
Bromoform	1000	930	93	1000	940	94	1	70-130	30
1,1,1,2-Tetrachloroethane	1000	900	90	1000	910	91	1	70-130	30
Benzene	1000	900	90	1000	920	92	2	70-130	30
Toluene	1000	950	95	1000	970	97	2	70-130	30
Ethylbenzene	1000	920	92	1000	960	96	4	70-130	30
Chloromethane	1000	890	89	1000	890	88	1	52-130	30
Bromomethane	1000	650	65	1000	670	67	3	57-147	30
Vinyl chloride	1000	760	76	1000	770	77	1	67-130	30
Chloroethane	1000	690	68	1000	690	69	1	50-151	30
1,1-Dichloroethene	1000	960	96	1000	970	97	1	65-135	30
trans-1,2-Dichloroethene	1000	930	93	1000	950	94	1	70-130	30
Trichloroethene	1000	910	91	1000	920	92	1	70-130	30



Laboratory Control Sample Form 3

Client	: AEI Consultants	Lab Number	: L1723686
Project Name	: VAZQUEZ	Project Number	: 344060
Matrix	: SOIL		
LCS Sample ID	: WG1023786-3	Analysis Date	: 07/18/17 07:10
LCS Sample ID	: WG1023786-4	Analysis Date	: 07/18/17 07:36
		File ID	: V17170718A01
		File ID	: V17170718A02

Parameter	Laboratory Control Sample			Laboratory Control Duplicate			RPD	Recovery Limits	RPD Limit
	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R			
1,2-Dibromo-3-chloropropane	1000	900	90	1000	940	94	4	68-130	30
Hexachlorobutadiene	1000	1000	104	1000	1100	107	3	67-130	30
Isopropylbenzene	1000	960	96	1000	980	98	2	70-130	30
p-Isopropyltoluene	1000	970	97	1000	990	99	2	70-130	30
Naphthalene	1000	920	92	1000	930	92	0	70-130	30
Acrylonitrile	1000	930	93	1000	920	92	1	70-130	30
n-Propylbenzene	1000	940	94	1000	950	95	1	70-130	30
1,2,3-Trichlorobenzene	1000	970	97	1000	970	97	0	70-130	30
1,2,4-Trichlorobenzene	1000	980	98	1000	990	99	1	70-130	30
1,3,5-Trimethylbenzene	1000	960	96	1000	980	98	2	70-130	30
1,2,4-Trimethylbenzene	1000	980	98	1000	980	98	0	70-130	30
1,4-Dioxane	50000	52000	104	50000	46000	93	11	65-136	30
p-Diethylbenzene	1000	990	99	1000	1000	100	1	70-130	30
p-Ethyltoluene	1000	1000	100	1000	1000	101	1	70-130	30
1,2,4,5-Tetramethylbenzene	1000	1000	100	1000	1000	101	1	70-130	30
Ethyl ether	1000	970	97	1000	970	97	0	67-130	30
trans-1,4-Dichloro-2-butene	1000	830	83	1000	850	85	2	70-130	30



Laboratory Control Sample Form 3

Client	: AEI Consultants	Lab Number	: L1723686
Project Name	: VAZQUEZ	Project Number	: 344060
Matrix	: SOIL		
LCS Sample ID	: WG1023786-8	Analysis Date	: 07/19/17 07:03
LCS Sample ID	: WG1023786-9	Analysis Date	: 07/19/17 07:29
		File ID	: V17170719A01
		File ID	: V17170719A02

Parameter	Laboratory Control Sample			Laboratory Control Duplicate			RPD	Recovery Limits	RPD Limit
	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R			
Methylene chloride	1000	980	98	1000	990	99	1	70-130	30
1,1-Dichloroethane	1000	950	95	1000	970	97	2	70-130	30
Chloroform	1000	930	93	1000	950	94	1	70-130	30
Carbon tetrachloride	1000	1000	101	1000	1000	102	1	70-130	30
1,2-Dichloropropane	1000	940	94	1000	960	96	2	70-130	30
Dibromochloromethane	1000	980	98	1000	990	99	1	70-130	30
1,1,2-Trichloroethane	1000	980	98	1000	970	97	1	70-130	30
Tetrachloroethene	1000	1100	108	1000	1100	105	3	70-130	30
Chlorobenzene	1000	980	98	1000	990	99	1	70-130	30
Trichlorofluoromethane	1000	830	83	1000	830	83	0	70-139	30
1,2-Dichloroethane	1000	830	83	1000	850	85	2	70-130	30
1,1,1-Trichloroethane	1000	960	96	1000	970	97	1	70-130	30
Bromodichloromethane	1000	900	90	1000	910	91	1	70-130	30
trans-1,3-Dichloropropene	1000	970	97	1000	960	96	1	70-130	30
cis-1,3-Dichloropropene	1000	930	93	1000	930	93	0	70-130	30
1,1-Dichloropropene	1000	970	97	1000	960	96	1	70-130	30
Bromoform	1000	980	98	1000	980	98	0	70-130	30
1,1,1,2-Tetrachloroethane	1000	950	95	1000	930	93	2	70-130	30
Benzene	1000	950	95	1000	950	95	0	70-130	30
Toluene	1000	1000	101	1000	1000	100	1	70-130	30
Ethylbenzene	1000	990	99	1000	980	98	1	70-130	30
Chloromethane	1000	980	98	1000	940	94	4	52-130	30
Bromomethane	1000	690	69	1000	690	68	1	57-147	30
Vinyl chloride	1000	830	83	1000	810	81	2	67-130	30
Chloroethane	1000	740	74	1000	720	72	3	50-151	30
1,1-Dichloroethene	1000	1000	103	1000	1000	101	2	65-135	30
trans-1,2-Dichloroethene	1000	990	99	1000	990	99	0	70-130	30
Trichloroethene	1000	960	96	1000	950	95	1	70-130	30



Laboratory Control Sample Form 3

Client	: AEI Consultants	Lab Number	: L1723686
Project Name	: VAZQUEZ	Project Number	: 344060
Matrix	: SOIL		
LCS Sample ID	: WG1023786-8	Analysis Date	: 07/19/17 07:03
LCS Sample ID	: WG1023786-9	Analysis Date	: 07/19/17 07:29
		File ID	: V17170719A01
		File ID	: V17170719A02

Parameter	Laboratory Control Sample			Laboratory Control Duplicate			RPD	Recovery Limits	RPD Limit
	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R			
1,2-Dibromo-3-chloropropane	1000	970	97	1000	1000	100	3	68-130	30
Hexachlorobutadiene	1000	1100	110	1000	1100	111	1	67-130	30
Isopropylbenzene	1000	1000	102	1000	1000	101	1	70-130	30
p-Isopropyltoluene	1000	1000	103	1000	1000	103	0	70-130	30
Naphthalene	1000	960	96	1000	970	97	1	70-130	30
Acrylonitrile	1000	980	98	1000	980	98	0	70-130	30
n-Propylbenzene	1000	1000	100	1000	990	99	1	70-130	30
1,2,3-Trichlorobenzene	1000	1000	102	1000	1000	101	1	70-130	30
1,2,4-Trichlorobenzene	1000	1000	102	1000	1000	102	0	70-130	30
1,3,5-Trimethylbenzene	1000	1000	103	1000	1000	102	1	70-130	30
1,2,4-Trimethylbenzene	1000	1000	104	1000	1000	102	2	70-130	30
1,4-Dioxane	50000	46000	92	50000	44000	88	4	65-136	30
p-Diethylbenzene	1000	1000	104	1000	1000	103	1	70-130	30
p-Ethyltoluene	1000	1100	106	1000	1100	105	1	70-130	30
1,2,4,5-Tetramethylbenzene	1000	1100	105	1000	1000	104	1	70-130	30
Ethyl ether	1000	1000	100	1000	1000	101	1	67-130	30
trans-1,4-Dichloro-2-butene	1000	890	89	1000	870	87	2	70-130	30



Method Blank Summary Form 4

Client : AEI Consultants
Project Name : VAZQUEZ
Lab Sample ID : WG1022759-5
Instrument ID : VOA104
Matrix : SOIL

Lab Number : L1723686
Project Number : 344060
Lab File ID : V04170714A05
Analysis Date : 07/14/17 09:27

Client Sample No.	Lab Sample ID	Analysis Date
WG1022759-3LCS	WG1022759-3	07/14/17 07:42
WG1022759-4LCSD	WG1022759-4	07/14/17 08:08
SB6 (15-15.5)	L1723686-03	07/14/17 14:43



Method Blank Summary Form 4

Client : AEI Consultants
Project Name : VAZQUEZ
Lab Sample ID : WG1023115-5
Instrument ID : VOA117
Matrix : SOIL

Lab Number : L1723686
Project Number : 344060
Lab File ID : V17170716A05
Analysis Date : 07/16/17 09:43

Client Sample No.	Lab Sample ID	Analysis Date
WG1023115-3LCS	WG1023115-3	07/16/17 07:59
WG1023115-4LCSD	WG1023115-4	07/16/17 08:26
SB10 (2-2.5)	L1723686-11	07/16/17 17:06
SB10 (7.5-8)	L1723686-12	07/16/17 17:32
SB11 (16-16.5)	L1723686-14	07/16/17 17:58
SB12 (17-17.5)	L1723686-15	07/16/17 18:24



Method Blank Summary Form 4

Client : AEI Consultants
Project Name : VAZQUEZ
Lab Sample ID : WG1023156-5
Instrument ID : VOA104
Matrix : SOIL

Lab Number : L1723686
Project Number : 344060
Lab File ID : V04170716A05
Analysis Date : 07/16/17 09:44

Client Sample No.	Lab Sample ID	Analysis Date
WG1023156-3LCS	WG1023156-3	07/16/17 07:59
WG1023156-4LCSD	WG1023156-4	07/16/17 08:26
SB5 (16-16.5)	L1723686-01D	07/16/17 16:17
SB7 (9-9.5)	L1723686-05	07/16/17 17:10
SB8 (15-15.5)	L1723686-07	07/16/17 17:36
SB9 (5-5.5)	L1723686-09D	07/16/17 18:02
SB11 (13.5-14)	L1723686-13D	07/16/17 18:29



Method Blank Summary Form 4

Client : AEI Consultants
Project Name : VAZQUEZ
Lab Sample ID : WG1023153-5
Instrument ID : VOA104
Matrix : SOIL
Lab Number : L1723686
Project Number : 344060
Lab File ID : V04170716A05
Analysis Date : 07/16/17 09:44

Client Sample No.	Lab Sample ID	Analysis Date
WG1023153-3LCS	WG1023153-3	07/16/17 07:59
WG1023153-4LCSD	WG1023153-4	07/16/17 08:26
SB5 (13.5-14)	L1723686-02	07/16/17 10:10



Method Blank Summary Form 4

Client : AEI Consultants
Project Name : VAZQUEZ
Lab Sample ID : WG1023276-5
Instrument ID : VOA101
Matrix : WATER

Lab Number : L1723686
Project Number : 344060
Lab File ID : V01170717A05
Analysis Date : 07/17/17 11:33

Client Sample No.	Lab Sample ID	Analysis Date
WG1023276-3LCS	WG1023276-3	07/17/17 10:08
WG1023276-4LCSD	WG1023276-4	07/17/17 10:36
TWP-SB5	L1723686-17D	07/17/17 12:30
TWP-SB6	L1723686-18D	07/17/17 13:27
TWP-SB7	L1723686-19D	07/17/17 13:55
TWP-SB8	L1723686-20D	07/17/17 14:24
TWP-SB9	L1723686-21D	07/17/17 14:52
TWP-SB10	L1723686-22D	07/17/17 15:21
TWP-SB12	L1723686-24	07/17/17 16:18
FIELD BLANK	L1723686-25	07/17/17 16:46
TRIP BLANK	L1723686-26	07/17/17 17:15



Method Blank Summary Form 4

Client : AEI Consultants
Project Name : VAZQUEZ
Lab Sample ID : WG1023473-5
Instrument ID : VOA101
Matrix : WATER

Lab Number : L1723686
Project Number : 344060
Lab File ID : V01170717N05
Analysis Date : 07/17/17 22:05

Client Sample No.	Lab Sample ID	Analysis Date
WG1023473-3LCS	WG1023473-3	07/17/17 20:40
WG1023473-4LCSD	WG1023473-4	07/17/17 21:08
TWP-SB11	L1723686-23D	07/17/17 23:02



Method Blank Summary Form 4

Client	: AEI Consultants	Lab Number	: L1723686
Project Name	: VAZQUEZ	Project Number	: 344060
Lab Sample ID	: WG1023786-5	Lab File ID	: V17170718A05
Instrument ID	: VOA117		
Matrix	: SOIL	Analysis Date	: 07/18/17 08:54

Client Sample No.	Lab Sample ID	Analysis Date
WG1023786-3LCS	WG1023786-3	07/18/17 07:10
WG1023786-4LCSD	WG1023786-4	07/18/17 07:36
SB6 (17-17.5)	L1723686-04D	07/18/17 15:55



Method Blank Summary Form 4

Client : AEI Consultants
Project Name : VAZQUEZ
Lab Sample ID : WG1023786-10
Instrument ID : VOA117
Matrix : SOIL
Lab Number : L1723686
Project Number : 344060
Lab File ID : V17170719A05
Analysis Date : 07/19/17 08:47

Client Sample No.	Lab Sample ID	Analysis Date
WG1023786-8LCS	WG1023786-8	07/19/17 07:03
WG1023786-9LCSD	WG1023786-9	07/19/17 07:29
SB6 (17-17.5)	L1723686-04D2	07/19/17 09:14



**Instrument Performance Check
Bromofluorobenzene (BFB)
Form 5**

Client : AEI Consultants	Lab Number : L1723686
Project Name : VAZQUEZ	Project Number : 344060
Instrument ID : VOA104	Analysis Date : 05/17/17 11:18
Tune Standard : WG1004640-1	Tune File ID : V04170517BFI_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	15.0 - 40.0% of mass 95	19.1
75	30.0 - 60.0% of mass 95	46
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	0.3 (.3)1
174	Greater than 50.0 of mass 95	91.1
175	5.0 - 9.0% of mass 174	7 (7.6)1
176	95.0 - 101% of mass 174	89 (97.7)1
177	5.0 - 9.0% of mass 176	6 (6.7)2

1-Value is % of mass 174 2-Value is % of mass 176

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
STD1	R968047-1	V04170517I03	05/17/17 12:32
STD2	R968047-2	V04170517I05	05/17/17 13:24
STD3	R968047-3	V04170517I07	05/17/17 14:17
STD4	R968047-5	V04170517I08	05/17/17 14:43
STD5	R968047-4	V04170517I09	05/17/17 15:09
STD6	R968047-6	V04170517I10	05/17/17 15:36
STD7	R968047-7	V04170517I11	05/17/17 16:02
STD8	R968047-8	V04170517I12	05/17/17 16:28
ICV Quant Report	R968047-9	V04170517I15	05/17/17 17:47



Instrument Performance Check Bromofluorobenzene (BFB) Form 5

Client : AEI Consultants	Lab Number : L1723686
Project Name : VAZQUEZ	Project Number : 344060
Instrument ID : VOA104	Analysis Date : 07/14/17 07:17
Tune Standard : WG1022759-1	Tune File ID : V04170714BF1_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	15.0 - 40.0% of mass 95	21.6
75	30.0 - 60.0% of mass 95	49.7
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.6
173	Less than 2.0% of mass 174	0 (0)1
174	Greater than 50.0 of mass 95	88.7
175	5.0 - 9.0% of mass 174	6.8 (7.7)1
176	95.0 - 101% of mass 174	86.8 (97.9)1
177	5.0 - 9.0% of mass 176	5.7 (6.5)2

1-Value is % of mass 174 2-Value is % of mass 176

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG1022759-2CCAL	WG1022759-2	V04170714A01	07/14/17 07:42
WG1022759-3LCS	WG1022759-3	V04170714A01	07/14/17 07:42
WG1022759-4LCSD	WG1022759-4	V04170714A02	07/14/17 08:08
WG1022759-5BLANK	WG1022759-5	V04170714A05	07/14/17 09:27
SB6 (15-15.5)	L1723686-03	V04170714A17	07/14/17 14:43



Instrument Performance Check Bromofluorobenzene (BFB) Form 5

Client : AEI Consultants	Lab Number : L1723686
Project Name : VAZQUEZ	Project Number : 344060
Instrument ID : VOA104	Analysis Date : 07/16/17 07:47
Tune Standard : WG1023153-1	Tune File ID : V04170716BF2_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	15.0 - 40.0% of mass 95	20.5
75	30.0 - 60.0% of mass 95	48.5
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.3
173	Less than 2.0% of mass 174	0 (0)1
174	Greater than 50.0 of mass 95	86.6
175	5.0 - 9.0% of mass 174	6.8 (7.8)1
176	95.0 - 101% of mass 174	84.3 (97.4)1
177	5.0 - 9.0% of mass 176	5.5 (6.6)2

1-Value is % of mass 174 2-Value is % of mass 176

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG1023153-2CCAL	WG1023153-2	V04170716A01	07/16/17 07:59
WG1023153-3LCS	WG1023153-3	V04170716A01	07/16/17 07:59
WG1023153-4LCSD	WG1023153-4	V04170716A02	07/16/17 08:26
WG1023153-5BLANK	WG1023153-5	V04170716A05	07/16/17 09:44
SB5 (13.5-14)	L1723686-02	V04170716A06	07/16/17 10:10



Instrument Performance Check

Bromofluorobenzene (BFB)

Form 5

Client : AEI Consultants	Lab Number : L1723686
Project Name : VAZQUEZ	Project Number : 344060
Instrument ID : VOA104	Analysis Date : 07/16/17 07:47
Tune Standard : WG1023156-1	Tune File ID : V04170716BF2_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	15.0 - 40.0% of mass 95	20.5
75	30.0 - 60.0% of mass 95	48.5
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.3
173	Less than 2.0% of mass 174	0 (0)1
174	Greater than 50.0 of mass 95	86.6
175	5.0 - 9.0% of mass 174	6.8 (7.8)1
176	95.0 - 101% of mass 174	84.3 (97.4)1
177	5.0 - 9.0% of mass 176	5.5 (6.6)2

1-Value is % of mass 174 2-Value is % of mass 176

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG1023156-2CCAL	WG1023156-2	V04170716A01	07/16/17 07:59
WG1023156-3LCS	WG1023156-3	V04170716A01	07/16/17 07:59
WG1023156-4LCSD	WG1023156-4	V04170716A02	07/16/17 08:26
WG1023156-5BLANK	WG1023156-5	V04170716A05	07/16/17 09:44
SB5 (16-16.5)	L1723686-01D	V04170716A20	07/16/17 16:17
SB7 (9-9.5)	L1723686-05	V04170716A22	07/16/17 17:10
SB8 (15-15.5)	L1723686-07	V04170716A23	07/16/17 17:36
SB9 (5-5.5)	L1723686-09D	V04170716A24	07/16/17 18:02
SB11 (13.5-14)	L1723686-13D	V04170716A25	07/16/17 18:29



Instrument Performance Check

Bromofluorobenzene (BFB)

Form 5

Client : AEI Consultants	Lab Number : L1723686
Project Name : VAZQUEZ	Project Number : 344060
Instrument ID : VOA117	Analysis Date : 05/25/17 06:18
Tune Standard : WG1006995-1	Tune File ID : V17170525BFI_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	15.0 - 40.0% of mass 95	22.8
75	30.0 - 60.0% of mass 95	53
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	7
173	Less than 2.0% of mass 174	0.8 (.9)1
174	Greater than 50.0 of mass 95	84.2
175	5.0 - 9.0% of mass 174	6.1 (7.2)1
176	95.0 - 101% of mass 174	83.8 (99.5)1
177	5.0 - 9.0% of mass 176	5.5 (6.5)2

1-Value is % of mass 174 2-Value is % of mass 176

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
STD1	R970217-1	V17170525I03	05/25/17 07:30
STD2	R970217-2	V17170525I05	05/25/17 08:22
STD3	R970217-3	V17170525I07	05/25/17 09:14
STD4	R970217-4	V17170525I08	05/25/17 09:40
STD5	R970217-5	V17170525I09	05/25/17 10:06
STD6	R970217-6	V17170525I10	05/25/17 10:32
STD7	R970217-7	V17170525I11	05/25/17 10:58
STD8	R970217-8	V17170525I12	05/25/17 11:24
ICV Quant Report	R970217-9	V17170525I15	05/25/17 12:42



**Instrument Performance Check
Bromofluorobenzene (BFB)
Form 5**

Client : AEI Consultants	Lab Number : L1723686
Project Name : VAZQUEZ	Project Number : 344060
Instrument ID : VOA117	Analysis Date : 07/16/17 07:42
Tune Standard : WG1023115-1	Tune File ID : V17170716BF1_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	15.0 - 40.0% of mass 95	18.6
75	30.0 - 60.0% of mass 95	47.8
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.9
173	Less than 2.0% of mass 174	1 (1.2)1
174	Greater than 50.0 of mass 95	87.5
175	5.0 - 9.0% of mass 174	6.4 (7.3)1
176	95.0 - 101% of mass 174	84.8 (96.9)1
177	5.0 - 9.0% of mass 176	5.8 (6.8)2

1-Value is % of mass 174 2-Value is % of mass 176

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG1023115-2CCAL	WG1023115-2	V17170716A01	07/16/17 07:59
WG1023115-3LCS	WG1023115-3	V17170716A01	07/16/17 07:59
WG1023115-4LCSD	WG1023115-4	V17170716A02	07/16/17 08:26
WG1023115-5BLANK	WG1023115-5	V17170716A05	07/16/17 09:43
SB10 (2-2.5)	L1723686-11	V17170716A22	07/16/17 17:06
SB10 (7.5-8)	L1723686-12	V17170716A23	07/16/17 17:32
SB11 (16-16.5)	L1723686-14	V17170716A24	07/16/17 17:58
SB12 (17-17.5)	L1723686-15	V17170716A25	07/16/17 18:24



Instrument Performance Check Bromofluorobenzene (BFB) Form 5

Client : AEI Consultants	Lab Number : L1723686
Project Name : VAZQUEZ	Project Number : 344060
Instrument ID : VOA117	Analysis Date : 07/18/17 06:53
Tune Standard : WG1023786-1	Tune File ID : V17170718BF1_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	15.0 - 40.0% of mass 95	18.2
75	30.0 - 60.0% of mass 95	48.9
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.9
173	Less than 2.0% of mass 174	0.5 (.6)1
174	Greater than 50.0 of mass 95	84
175	5.0 - 9.0% of mass 174	5.8 (6.9)1
176	95.0 - 101% of mass 174	80.1 (95.4)1
177	5.0 - 9.0% of mass 176	5.4 (6.8)2

1-Value is % of mass 174 2-Value is % of mass 176

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG1023786-2CCAL	WG1023786-2	V17170718A01	07/18/17 07:10
WG1023786-3LCS	WG1023786-3	V17170718A01	07/18/17 07:10
WG1023786-4LCSD	WG1023786-4	V17170718A02	07/18/17 07:36
WG1023786-5BLANK	WG1023786-5	V17170718A05	07/18/17 08:54
SB6 (17-17.5)	L1723686-04D	V17170718A21	07/18/17 15:55



Instrument Performance Check

Bromofluorobenzene (BFB)

Form 5

Client : AEI Consultants	Lab Number : L1723686
Project Name : VAZQUEZ	Project Number : 344060
Instrument ID : VOA117	Analysis Date : 07/19/17 06:46
Tune Standard : WG1023786-6	Tune File ID : V17170719BF1_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	15.0 - 40.0% of mass 95	18.1
75	30.0 - 60.0% of mass 95	47.1
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.9
173	Less than 2.0% of mass 174	0.9 (1)1
174	Greater than 50.0 of mass 95	84
175	5.0 - 9.0% of mass 174	6 (7.1)1
176	95.0 - 101% of mass 174	82.7 (98.4)1
177	5.0 - 9.0% of mass 176	5.5 (6.7)2

1-Value is % of mass 174 2-Value is % of mass 176

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG1023786-7CCAL	WG1023786-7	V17170719A01	07/19/17 07:03
WG1023786-8LCS	WG1023786-8	V17170719A01	07/19/17 07:03
WG1023786-9LCSD	WG1023786-9	V17170719A02	07/19/17 07:29
WG1023786-10BLANK	WG1023786-10	V17170719A05	07/19/17 08:47
SB6 (17-17.5)	L1723686-04D2	V17170719A06	07/19/17 09:14



Instrument Performance Check

Bromofluorobenzene (BFB)

Form 5

Client : AEI Consultants	Lab Number : L1723686
Project Name : VAZQUEZ	Project Number : 344060
Instrument ID : VOA101	Analysis Date : 06/29/17 17:41
Tune Standard : BFB	Tune File ID : V01170629BBF1_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	15.0 - 40.0% of mass 95	25.3
75	30.0 - 60.0% of mass 95	52.7
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	0.2 (.3)1
174	Greater than 50.0 of mass 95	67.6
175	5.0 - 9.0% of mass 174	5.2 (7.7)1
176	95.0 - 101% of mass 174	67.3 (99.7)1
177	5.0 - 9.0% of mass 176	4.2 (6.3)2

1-Value is % of mass 174 2-Value is % of mass 176

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
L11	R981334-2	V01170629B02	06/29/17 18:30
L1	R981334-3	V01170629B04	06/29/17 19:26
L2	R981334-4	V01170629B06	06/29/17 20:23
L3	R981334-5	V01170629B07	06/29/17 20:52
L4	R981334-6	V01170629B08	06/29/17 21:20
L6	R981334-7	V01170629B09	06/29/17 21:49
L8	R981334-8	V01170629B10	06/29/17 22:18
L10	R981334-9	V01170629B11	06/29/17 22:46
ICV Quant Report	R981334-1	V01170629B18	06/30/17 02:05



**Instrument Performance Check
Bromofluorobenzene (BFB)
Form 5**

Client : AEI Consultants	Lab Number : L1723686
Project Name : VAZQUEZ	Project Number : 344060
Instrument ID : VOA101	Analysis Date : 07/17/17 09:18
Tune Standard : WG1023276-1	Tune File ID : V01170717ABF1_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	15.0 - 40.0% of mass 95	26.2
75	30.0 - 60.0% of mass 95	54.5
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.9
173	Less than 2.0% of mass 174	0.5 (.7)1
174	Greater than 50.0 of mass 95	69.9
175	5.0 - 9.0% of mass 174	5.7 (8.1)1
176	95.0 - 101% of mass 174	69.9 (99.9)1
177	5.0 - 9.0% of mass 176	5.1 (7.3)2

1-Value is % of mass 174 2-Value is % of mass 176

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG1023276-2CCAL	WG1023276-2	V01170717A02	07/17/17 10:08
WG1023276-3LCS	WG1023276-3	V01170717A02	07/17/17 10:08
WG1023276-4LCSD	WG1023276-4	V01170717A03	07/17/17 10:36
WG1023276-5BLANK	WG1023276-5	V01170717A05	07/17/17 11:33
TWP-SB5	L1723686-17D	V01170717A07	07/17/17 12:30
TWP-SB6	L1723686-18D	V01170717A09	07/17/17 13:27
TWP-SB7	L1723686-19D	V01170717A10	07/17/17 13:55
TWP-SB8	L1723686-20D	V01170717A11	07/17/17 14:24
TWP-SB9	L1723686-21D	V01170717A12	07/17/17 14:52
TWP-SB10	L1723686-22D	V01170717A13	07/17/17 15:21
TWP-SB12	L1723686-24	V01170717A15	07/17/17 16:18
FIELD BLANK	L1723686-25	V01170717A16	07/17/17 16:46
TRIP BLANK	L1723686-26	V01170717A17	07/17/17 17:15



Instrument Performance Check

Bromofluorobenzene (BFB)

Form 5

Client : AEI Consultants	Lab Number : L1723686
Project Name : VAZQUEZ	Project Number : 344060
Instrument ID : VOA101	Analysis Date : 07/17/17 19:51
Tune Standard : WG1023473-1	Tune File ID : V01170717NBF1_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	15.0 - 40.0% of mass 95	25.6
75	30.0 - 60.0% of mass 95	53.6
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	7.3
173	Less than 2.0% of mass 174	0 (0)1
174	Greater than 50.0 of mass 95	71.2
175	5.0 - 9.0% of mass 174	6 (8.5)1
176	95.0 - 101% of mass 174	71.5 (100.)1
177	5.0 - 9.0% of mass 176	4.8 (6.7)2

1-Value is % of mass 174 2-Value is % of mass 176

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG1023473-2CCAL	WG1023473-2	V01170717N02	07/17/17 20:40
WG1023473-3LCS	WG1023473-3	V01170717N02	07/17/17 20:40
WG1023473-4LCSD	WG1023473-4	V01170717N03	07/17/17 21:08
WG1023473-5BLANK	WG1023473-5	V01170717N05	07/17/17 22:05
TWP-SB11	L1723686-23D	V01170717N07	07/17/17 23:02



Internal Standard Area and RT Summary Form 8

Client : AEI Consultants
 Project Name : VAZQUEZ
 Instrument ID : VOA104
 Sample No : WG1022759-2

Lab Number : L1723686
 Project Number : 344060
 Analysis Date : 07/14/17 07:42
 Lab File ID : V04170714A01

	Fluorobenzene (IS)		Chlorobenzene-d5		1,4-Dichlorobenzene-D4	
	Area	RT	Area	RT	Area	RT
WG1022759-2	118675	5.92	108339	9.44	57619	12.16
Upper Limit	237350	6.42	216678	9.94	115238	12.66
Lower Limit	59338	5.42	54170	8.94	28810	11.66
Sample ID						
WG1022759-3 LCS	118675	5.92	108339	9.44	57619	12.16
WG1022759-4 LCSD	117109	5.92	107268	9.44	56393	12.16
WG1022759-5 BLANK	108367	5.92	95121	9.44	51588	12.16
SB6 (15-15.5)	147331	5.92	121690	9.45	61203	12.16

Area Upper Limit = +100% of internal standard area
 Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
 RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits



Internal Standard Area and RT Summary Form 8

Client : AEI Consultants
 Project Name : VAZQUEZ
 Instrument ID : VOA104
 Sample No : WG1023153-2

Lab Number : L1723686
 Project Number : 344060
 Analysis Date : 07/16/17 07:59
 Lab File ID : V04170716A01

	Fluorobenzene (IS)		Chlorobenzene-d5		1,4-Dichlorobenzene-D4	
	Area	RT	Area	RT	Area	RT
WG1023153-2	169470	5.92	130956	9.44	64627	12.16
Upper Limit	338940	6.42	261912	9.94	129254	12.66
Lower Limit	84735	5.42	65478	8.94	32314	11.66
Sample ID						
WG1023153-3 LCS	169470	5.92	130956	9.44	64627	12.16
WG1023153-4 LCSD	166818	5.92	129811	9.44	65206	12.16
WG1023153-5 BLANK	160858	5.92	125537	9.44	65381	12.16
SB5 (13.5-14)	165400	5.92	127821	9.44	64661	12.16

Area Upper Limit = +100% of internal standard area
 Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
 RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits



Internal Standard Area and RT Summary Form 8

Client : AEI Consultants
 Project Name : VAZQUEZ
 Instrument ID : VOA104
 Sample No : WG1023156-2

Lab Number : L1723686
 Project Number : 344060
 Analysis Date : 07/16/17 07:59
 Lab File ID : V04170716A01

	Fluorobenzene (IS)		Chlorobenzene-d5		1,4-Dichlorobenzene-D4	
	Area	RT	Area	RT	Area	RT
WG1023156-2	169470	5.92	130956	9.44	64627	12.16
Upper Limit	338940	6.42	261912	9.94	129254	12.66
Lower Limit	84735	5.42	65478	8.94	32314	11.66
Sample ID						
WG1023156-3 LCS	169470	5.92	130956	9.44	64627	12.16
WG1023156-4 LCSD	166818	5.92	129811	9.44	65206	12.16
WG1023156-5 BLANK	160858	5.92	125537	9.44	65381	12.16
SB5 (16-16.5)	156580	5.92	119061	9.44	59005	12.16
SB7 (9-9.5)	152182	5.92	106728	9.44	58380	12.16
SB8 (15-15.5)	147053	5.92	117872	9.44	60221	12.16
SB9 (5-5.5)	167986	5.92	130552	9.44	63551	12.16
SB11 (13.5-14)	165324	5.92	124834	9.44	60804	12.16

Area Upper Limit = +100% of internal standard area
 Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
 RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits



Internal Standard Area and RT Summary Form 8

Client : AEI Consultants
 Project Name : VAZQUEZ
 Instrument ID : VOA117
 Sample No : WG1023115-2

Lab Number : L1723686
 Project Number : 344060
 Analysis Date : 07/16/17 07:59
 Lab File ID : V17170716A01

	Fluorobenzene (IS)		Chlorobenzene-d5		1,4-Dichlorobenzene-D4	
	Area	RT	Area	RT	Area	RT
WG1023115-2	144303	6.35	109443	9.91	60580	12.53
Upper Limit	288606	6.85	218886	10.41	121160	13.03
Lower Limit	72152	5.85	54722	9.41	30290	12.03
Sample ID						
WG1023115-3 LCS	144303	6.35	109443	9.91	60580	12.53
WG1023115-4 LCSD	145830	6.35	112861	9.91	62947	12.53
WG1023115-5 BLANK	133954	6.35	105439	9.91	55497	12.53
SB10 (2-2.5)	158448	6.35	124425	9.91	66081	12.53
SB10 (7.5-8)	158214	6.35	125803	9.91	67103	12.53
SB11 (16-16.5)	186472	6.35	129144	9.91	71600	12.53
SB12 (17-17.5)	162971	6.35	126989	9.91	66289	12.53

Area Upper Limit = +100% of internal standard area
 Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
 RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits



Internal Standard Area and RT Summary Form 8

Client : AEI Consultants
 Project Name : VAZQUEZ
 Instrument ID : VOA101
 Sample No : WG1023276-2

Lab Number : L1723686
 Project Number : 344060
 Analysis Date : 07/17/17 10:08
 Lab File ID : V01170717A02

	Fluorobenzene (IS)		Chlorobenzene-d5		1,4-Dichlorobenzene-D4	
	Area	RT	Area	RT	Area	RT
WG1023276-2	290727	5.95	229670	9.76	121874	12.67
Upper Limit	581454	6.45	459340	10.26	243748	13.17
Lower Limit	145364	5.45	114835	9.26	60937	12.17
Sample ID						
WG1023276-3 LCS	290727	5.95	229670	9.76	121874	12.67
WG1023276-4 LCSD	282164	5.95	224917	9.76	119963	12.67
WG1023276-5 BLANK	256896	5.95	201657	9.76	99611	12.67
TWP-SB5	250099	5.95	203646	9.76	111805	12.67
TWP-SB6	249764	5.95	201530	9.76	102041	12.67
TWP-SB7	243840	5.95	198096	9.76	98848	12.67
TWP-SB8	251977	5.95	207195	9.76	105732	12.67
TWP-SB9	251677	5.95	213777	9.76	112566	12.67
TWP-SB10	267982	5.96	211845	9.76	112570	12.67
TWP-SB12	266993	5.95	210674	9.76	106866	12.67
FIELD BLANK	253426	5.95	198475	9.76	97814	12.67
TRIP BLANK	241312	5.95	191010	9.76	94167	12.67

Area Upper Limit = +100% of internal standard area
 Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
 RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits



Internal Standard Area and RT Summary Form 8

Client : AEI Consultants
 Project Name : VAZQUEZ
 Instrument ID : VOA101
 Sample No : WG1023473-2

Lab Number : L1723686
 Project Number : 344060
 Analysis Date : 07/17/17 20:40
 Lab File ID : V01170717N02

	Fluorobenzene (IS)		Chlorobenzene-d5		1,4-Dichlorobenzene-D4	
	Area	RT	Area	RT	Area	RT
WG1023473-2	281033	5.95	224158	9.76	118176	12.67
Upper Limit	562066	6.45	448316	10.26	236352	13.17
Lower Limit	140517	5.45	112079	9.26	59088	12.17
Sample ID						
WG1023473-3 LCS	281033	5.95	224158	9.76	118176	12.67
WG1023473-4 LCSD	285247	5.95	227319	9.76	120546	12.67
WG1023473-5 BLANK	251663	5.95	199853	9.76	99804	12.67
TWP-SB11	274891	5.95	223696	9.76	116000	12.67

Area Upper Limit = +100% of internal standard area
 Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
 RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits



Internal Standard Area and RT Summary Form 8

Client : AEI Consultants
 Project Name : VAZQUEZ
 Instrument ID : VOA117
 Sample No : WG1023786-2

Lab Number : L1723686
 Project Number : 344060
 Analysis Date : 07/18/17 07:10
 Lab File ID : V17170718A01

	Fluorobenzene (IS)		Chlorobenzene-d5		1,4-Dichlorobenzene-D4	
	Area	RT	Area	RT	Area	RT
WG1023786-2	159272	6.35	122212	9.91	67127	12.53
Upper Limit	318544	6.85	244424	10.41	134254	13.03
Lower Limit	79636	5.85	61106	9.41	33564	12.03
Sample ID						
WG1023786-4 LCSD	153567	6.35	117919	9.91	66271	12.53
WG1023786-5 BLANK	138941	6.35	108496	9.91	58523	12.53
SB6 (17-17.5)	147522	6.35	111046	9.91	58416	12.53
WG1023786-6 BFB	-	-	-	-	-	-

Area Upper Limit = +100% of internal standard area
 Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
 RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits



Internal Standard Area and RT Summary Form 8

Client : AEI Consultants
 Project Name : VAZQUEZ
 Instrument ID : VOA117
 Sample No : WG1023786-7

Lab Number : L1723686
 Project Number : 344060
 Analysis Date : 07/19/17 07:03
 Lab File ID : V17170719A01

	Fluorobenzene (IS)		Chlorobenzene-d5		1,4-Dichlorobenzene-D4	
	Area	RT	Area	RT	Area	RT
WG1023786-7	147983	6.35	113052	9.91	62353	12.53
Upper Limit	295966	6.85	226104	10.41	124706	13.03
Lower Limit	73992	5.85	56526	9.41	31177	12.03
Sample ID						
WG1023786-8 LCS	147983	6.35	113052	9.91	62353	12.53
WG1023786-9 LCSD	144207	6.35	111410	9.91	62003	12.53
WG1023786-10 BLANK	139559	6.34	110450	9.91	58787	12.53
SB6 (17-17.5)	141017	6.35	112222	9.91	59762	12.53

Area Upper Limit = +100% of internal standard area
 Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
 RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits



Volatile Organics - EPA 8260C/5035 High (SOIL)

Holding Time: 14 days
Container/Sample Preservation: 1 - Vial MeOH preserved

Analyte	CAS #	RL	MDL	Units	LCS Criteria	LCS RPD	MS Criteria	MS RPD	Duplicate RPD	Surrogate Criteria
Methylene chloride	75-09-2	500	55.2	ug/kg	70-130	30	70-130	30	30	
1,1-Dichloroethane	75-34-3	75	4.28	ug/kg	70-130	30	70-130	30	30	
Chloroform	67-66-3	75	18.5	ug/kg	70-130	30	70-130	30	30	
Carbon tetrachloride	56-23-5	50	10.5	ug/kg	70-130	30	70-130	30	30	
1,2-Dichloropropane	78-87-5	175	11.4	ug/kg	70-130	30	70-130	30	30	
Dibromochloromethane	124-48-1	50	7.68	ug/kg	70-130	30	70-130	30	30	
1,1,2-Trichloroethane	79-00-5	75	15.2	ug/kg	70-130	30	70-130	30	30	
Tetrachloroethane	127-18-4	50	7.01	ug/kg	70-130	30	70-130	30	30	
Chlorobenzene	108-90-7	50	17.4	ug/kg	70-130	30	70-130	30	30	
Trichlorofluoromethane	75-69-4	250	19.4	ug/kg	70-139	30	70-139	30	30	
1,2-Dichloroethane	107-06-2	50	5.67	ug/kg	70-130	30	70-130	30	30	
1,1,1-Trichloroethane	71-55-6	50	5.54	ug/kg	70-130	30	70-130	30	30	
Bromodichloromethane	75-27-4	50	8.66	ug/kg	70-130	30	70-130	30	30	
trans-1,3-Dichloropropene	10061-02-6	50	6.04	ug/kg	70-130	30	70-130	30	30	
cis-1,3-Dichloropropene	10061-01-5	50	5.88	ug/kg	70-130	30	70-130	30	30	
1,3-Dichloropropene, Total	542-75-6	50	5.88	ug/kg						
1,3-Dichloropropene, Total	542-75-6	50	5.88	ug/kg						
1,1-Dichloropropene	563-58-6	250	7.07	ug/kg	70-130	30	70-130	30	30	
Bromoform	75-25-2	200	11.8	ug/kg	70-130	30	70-130	30	30	
1,1,2,2-Tetrachloroethane	79-34-5	50	5.04	ug/kg	70-130	30	70-130	30	30	
Benzene	71-43-2	50	5.9	ug/kg	70-130	30	70-130	30	30	
Toluene	108-88-3	75	9.74	ug/kg	70-130	30	70-130	30	30	
Ethylbenzene	100-41-4	50	6.37	ug/kg	70-130	30	70-130	30	30	
Chloromethane	74-87-3	250	14.7	ug/kg	52-130	30	52-130	30	30	
Bromomethane	74-83-9	100	16.9	ug/kg	57-147	30	57-147	30	30	
Vinyl chloride	75-01-4	100	5.87	ug/kg	67-130	30	67-130	30	30	
Chloroethane	75-00-3	100	15.8	ug/kg	50-151	30	50-151	30	30	
1,1-Dichloroethene	75-35-4	50	13.1	ug/kg	65-135	30	65-135	30	30	
trans-1,2-Dichloroethene	156-60-5	75	10.6	ug/kg	70-130	30	70-130	30	30	
Trichloroethene	79-01-6	50	6.25	ug/kg	70-130	30	70-130	30	30	
1,2-Dichlorobenzene	95-50-1	250	7.66	ug/kg	70-130	30	70-130	30	30	
1,3-Dichlorobenzene	541-73-1	250	6.75	ug/kg	70-130	30	70-130	30	30	
1,4-Dichlorobenzene	106-46-7	250	6.92	ug/kg	70-130	30	70-130	30	30	
Methyl tert butyl ether	1634-04-4	100	4.22	ug/kg	66-130	30	66-130	30	30	
p/m-Xylene	179601-23-1	100	17.55	ug/kg	70-130	30	70-130	30	30	
o-Xylene	95-47-6	100	16.9	ug/kg	70-130	30	70-130	30	30	
Xylene (Total)	1330-20-7	100	8.59	ug/kg						
Xylene (Total)	1330-20-7	100	8.59	ug/kg						
dis-1,2-Dichloroethene	156-59-2	50	7.14	ug/kg	70-130	30	70-130	30	30	
1,2-Dichloroethene (total)	540-59-0	50	7.14	ug/kg						
1,2-Dichloroethene (total)	540-59-0	50	7.14	ug/kg						
Dibromomethane	74-95-3	500	8.18	ug/kg	70-130	30	70-130	30	30	

Please Note that the RL information provided in this table is calculated using a 100% Solids factor. (Soil/Solids only)



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Volatile Organics - EPA 8260C/5035 High (SOIL)

Holding Time: 14 days
Container/Sample Preservation: 1 - Vial MeOH preserved

Analyte	CAS #	RL	MDL	Units	LCS Criteria	LCS RPD	MS Criteria	MS RPD	Duplicate RPD	Surrogate Criteria
1,4-Dichlorobutane	110-56-5	500	6.6	ug/kg	70-130	30	70-130	30	30	
1,2,3-Trichloropropane	96-18-4	500	8.13	ug/kg	68-130	30	68-130	30	30	
Styrene	100-42-5	100	20.1	ug/kg	70-130	30	70-130	30	30	
Dichlorodifluoromethane	75-71-8	500	9.54	ug/kg	30-146	30	30-146	30	30	
Acetone	67-64-1	1800	51.8	ug/kg	54-140	30	54-140	30	30	
Carbon disulfide	75-15-0	500	55.1	ug/kg	59-130	30	59-130	30	30	
2-Butanone	78-93-3	500	13.6	ug/kg	70-130	30	70-130	30	30	
Vinyl acetate	108-05-4	500	6.61	ug/kg	70-130	30	70-130	30	30	
4-Methyl-2-pentanone	108-10-1	500	12.2	ug/kg	70-130	30	70-130	30	30	
2-Hexanone	591-78-6	500	33.3	ug/kg	70-130	30	70-130	30	30	
Ethyl methacrylate	97-63-2	500	7.73	ug/kg	70-130	30	70-130	30	30	
Acrylonitrile	107-13-1	200	25.7	ug/kg	70-130	30	70-130	30	30	
Bromochloromethane	74-97-5	250	13.8	ug/kg	70-130	30	70-130	30	30	
Tetrahydrofuran	109-99-9	1000	49.8	ug/kg	66-130	30	66-130	30	30	
2,2-Dichloropropane	594-20-7	250	11.3	ug/kg	70-130	30	70-130	30	30	
1,2-Dibromoethane	106-93-4	200	8.72	ug/kg	70-130	30	70-130	30	30	
1,3-Dichloropropane	142-28-9	250	7.26	ug/kg	69-130	30	69-130	30	30	
1,1,1,2-Tetrachloroethane	630-20-6	50	15.9	ug/kg	70-130	30	70-130	30	30	
Bromobenzene	108-86-1	250	10.4	ug/kg	70-130	30	70-130	30	30	
n-Butylbenzene	104-51-8	50	5.74	ug/kg	70-130	30	70-130	30	30	
sec-Butylbenzene	135-98-8	50	6.1	ug/kg	70-130	30	70-130	30	30	
tert-Butylbenzene	98-06-6	250	6.77	ug/kg	70-130	30	70-130	30	30	
1,3,5-Trichlorobenzene	108-70-3	200	11.5	ug/kg	70-130	30	70-130	30	30	
o-Chlorotoluene	95-49-8	250	7.99	ug/kg	70-130	30	70-130	30	30	
1,2,4-Trichlorobenzene	106-43-4	250	6.64	ug/kg	70-130	30	70-130	30	30	
p-Chlorotoluene	96-12-8	250	19.8	ug/kg	68-130	30	68-130	30	30	
1,2-Dibromo-3-chloropropane	87-68-3	250	11.4	ug/kg	67-130	30	67-130	30	30	
Hexachlorobutadiene	98-82-8	50	5.19	ug/kg	70-130	30	70-130	30	30	
Isopropylbenzene	99-87-6	50	6.25	ug/kg	70-130	30	70-130	30	30	
p-Isopropyltoluene	91-20-3	250	6.92	ug/kg	70-130	30	70-130	30	30	
Naphthalene	103-65-1	50	5.46	ug/kg	70-130	30	70-130	30	30	
n-Propylbenzene	87-61-6	250	7.38	ug/kg	70-130	30	70-130	30	30	
1,2,3-Trichlorobenzene	120-82-1	250	9.09	ug/kg	70-130	30	70-130	30	30	
1,2,4-Trichlorobenzene	108-67-8	250	7.17	ug/kg	70-130	30	70-130	30	30	
1,3,5-Trimethylbenzene	95-63-6	250	7.07	ug/kg	70-130	30	70-130	30	30	
1,2,4-Trimethylbenzene	110-57-6	250	19.6	ug/kg	70-130	30	70-130	30	30	
trans-1,4-Dichloro-2-butene	67-63-0	5000	5000	ug/kg	70-130	20	70-130	20	20	
iso-Propyl Alcohol	60-29-7	250	13	ug/kg	67-130	30	67-130	30	30	
Ethyl ether	79-20-9	1000	13.5	ug/kg	65-130	30	65-130	30	30	
Methyl Acetate	141-78-6	1000	46.1	ug/kg	70-130	30	70-130	30	30	
Ethyl Acetate	108-20-3	200	6.98	ug/kg	66-130	30	66-130	30	30	
Isopropyl Ether	110-82-7	1000	7.3	ug/kg	70-130	30	70-130	30	30	
Cyclohexane										

Please Note that the RL information provided in this table is calculated using a 100% Solids factor. (Soil/Solids only)



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VOCs - EPA 8260C/5035 High & Low (SOIL)

Holding Time: 14 days
Container/Sample Preservation: 1 - 1 Vial MeOH/2 Vial Water

Analyte	CAS #	RL	MDL	Units	LCS Criteria	LCS RPD	MS Criteria	MS RPD	Duplicate RPD	Surrogate Criteria
Methylene chloride	75-09-2	10	1.104	ug/kg	70-130	30	70-130	30	30	
1,1-Dichloroethane	75-34-3	1.5	0.0856	ug/kg	70-130	30	70-130	30	30	
Chloroform	67-66-3	1.5	0.37	ug/kg	70-130	30	70-130	30	30	
Carbon tetrachloride	56-23-5	1	0.21	ug/kg	70-130	30	70-130	30	30	
1,2-Dichloropropane	78-87-5	3.5	0.228	ug/kg	70-130	30	70-130	30	30	
Dibromochloromethane	124-48-1	1	0.1536	ug/kg	70-130	30	70-130	30	30	
1,1,2-Trichloroethane	79-00-5	1.5	0.304	ug/kg	70-130	30	70-130	30	30	
Tetrachloroethane	127-18-4	1	0.1402	ug/kg	70-130	30	70-130	30	30	
Chlorobenzene	108-90-7	1	0.348	ug/kg	70-130	30	70-130	30	30	
Trichlorofluoromethane	75-69-4	5	0.388	ug/kg	70-139	30	70-139	30	30	
1,2-Dichloroethane	107-06-2	1	0.1134	ug/kg	70-130	30	70-130	30	30	
1,1,1-Trichloroethane	71-55-6	1	0.1108	ug/kg	70-130	30	70-130	30	30	
Bromodichloromethane	75-27-4	1	0.1732	ug/kg	70-130	30	70-130	30	30	
trans-1,3-Dichloropropene	10061-02-6	1	0.1208	ug/kg	70-130	30	70-130	30	30	
cis-1,3-Dichloropropene	10061-01-5	1	0.1176	ug/kg	70-130	30	70-130	30	30	
1,3-Dichloropropene, Total	542-75-6	1	0.1176	ug/kg						
1,3-Dichloropropene, Total	542-75-6	1	0.1176	ug/kg						
1,1-Dichloropropene	563-58-6	5	0.1414	ug/kg	70-130	30	70-130	30	30	
Bromoform	75-25-2	4	0.236	ug/kg	70-130	30	70-130	30	30	
1,1,2,2-Tetrachloroethane	79-34-5	1	0.1008	ug/kg	70-130	30	70-130	30	30	
Benzene	71-43-2	1	0.118	ug/kg	70-130	30	70-130	30	30	
Toluene	108-88-3	1.5	0.1948	ug/kg	70-130	30	70-130	30	30	
Ethylbenzene	100-41-4	1	0.1274	ug/kg	70-130	30	70-130	30	30	
Chloromethane	74-87-3	5	0.294	ug/kg	52-130	30	52-130	30	30	
Bromomethane	74-83-9	2	0.338	ug/kg	57-147	30	57-147	30	30	
Vinyl chloride	75-01-4	2	0.1174	ug/kg	67-130	30	67-130	30	30	
Chloroethane	75-00-3	2	0.316	ug/kg	50-151	30	50-151	30	30	
1,1-Dichloroethene	75-35-4	1	0.262	ug/kg	65-135	30	65-135	30	30	
trans-1,2-Dichloroethene	156-60-5	1.5	0.212	ug/kg	70-130	30	70-130	30	30	
Trichloroethene	79-01-6	1	0.125	ug/kg	70-130	30	70-130	30	30	
1,2-Dichlorobenzene	95-50-1	5	0.1532	ug/kg	70-130	30	70-130	30	30	
1,3-Dichlorobenzene	541-73-1	5	0.135	ug/kg	70-130	30	70-130	30	30	
1,4-Dichlorobenzene	106-46-7	5	0.1384	ug/kg	70-130	30	70-130	30	30	
Methyl tert butyl ether	1634-04-4	2	0.0844	ug/kg	66-130	30	66-130	30	30	
p/m-Xylene	179601-23-1	2	0.351	ug/kg	70-130	30	70-130	30	30	
o-Xylene	95-47-6	2	0.338	ug/kg	70-130	30	70-130	30	30	
Xylene (Total)	1330-20-7	2	0.1718	ug/kg						
Xylene (Total)	1330-20-7	2	0.1718	ug/kg						
dis-1,2-Dichloroethene	156-59-2	1	0.1428	ug/kg	70-130	30	70-130	30	30	
1,2-Dichloroethene (total)	540-59-0	1	0.1428	ug/kg						
1,2-Dichloroethene (total)	540-59-0	1	0.1428	ug/kg						
Dibromomethane	74-95-3	10	0.1636	ug/kg	70-130	30	70-130	30	30	

Please Note that the RL information provided in this table is calculated using a 100% Solids factor. (Soil/Solids only)



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VOCs - EPA 8260C/5035 High & Low (SOIL)

Holding Time: 14 days
Container/Sample Preservation: 1 - 1 Vial MeOH/2 Vial Water

Analyte	CAS #	RL	MDL	Units	LCS Criteria	LCS RPD	MS Criteria	MS RPD	Duplicate RPD	Surrogate Criteria
1,4-Dichlorobutane	110-56-5	10	0.132	ug/kg	70-130	30	70-130	30	30	
1,2,3-Trichloropropane	96-18-4	10	0.1626	ug/kg	68-130	30	68-130	30	30	
Styrene	100-42-5	2	0.402	ug/kg	70-130	30	70-130	30	30	
Dichlorodifluoromethane	75-71-8	10	0.1908	ug/kg	30-146	30	30-146	30	30	
Acetone	67-64-1	36	1.036	ug/kg	54-140	30	54-140	30	30	
Carbon disulfide	75-15-0	10	1.102	ug/kg	59-130	30	59-130	30	30	
2-Butanone	78-93-3	10	0.272	ug/kg	70-130	30	70-130	30	30	
Vinyl acetate	108-05-4	10	0.1322	ug/kg	70-130	30	70-130	30	30	
4-Methyl-2-pentanone	108-10-1	10	0.244	ug/kg	70-130	30	70-130	30	30	
2-Hexanone	591-78-6	10	0.666	ug/kg	70-130	30	70-130	30	30	
Ethyl methacrylate	97-63-2	10	0.1546	ug/kg	70-130	30	70-130	30	30	
Acrylonitrile	107-13-1	4	0.514	ug/kg	70-130	30	70-130	30	30	
Bromochloromethane	74-97-5	5	0.276	ug/kg	70-130	30	70-130	30	30	
Tetrahydrofuran	109-99-9	20	0.996	ug/kg	66-130	30	66-130	30	30	
2,2-Dichloropropane	594-20-7	5	0.226	ug/kg	70-130	30	70-130	30	30	
1,2-Dibromoethane	106-93-4	4	0.1744	ug/kg	70-130	30	70-130	30	30	
1,3-Dichloropropane	142-28-9	5	0.1452	ug/kg	69-130	30	69-130	30	30	
1,1,1,2-Tetrachloroethane	630-20-6	1	0.318	ug/kg	70-130	30	70-130	30	30	
Bromobenzene	108-86-1	5	0.208	ug/kg	70-130	30	70-130	30	30	
n-Butylbenzene	104-51-8	1	0.1148	ug/kg	70-130	30	70-130	30	30	
sec-Butylbenzene	135-98-8	1	0.122	ug/kg	70-130	30	70-130	30	30	
tert-Butylbenzene	98-06-6	5	0.1354	ug/kg	70-130	30	70-130	30	30	
1,3,5-Trichlorobenzene	108-70-3	4	0.23	ug/kg	70-139	30	70-130	30	30	
o-Chlorotoluene	95-49-8	5	0.1598	ug/kg	70-130	30	70-130	30	30	
p-Chlorotoluene	106-43-4	5	0.1328	ug/kg	70-130	30	70-130	30	30	
1,2-Dibromo-3-chloropropane	96-12-8	5	0.396	ug/kg	68-130	30	68-130	30	30	
Hexachlorobutadiene	87-68-3	5	0.228	ug/kg	67-130	30	67-130	30	30	
Isopropylbenzene	98-82-8	1	0.1038	ug/kg	70-130	30	70-130	30	30	
p-Isopropyltoluene	99-87-6	1	0.125	ug/kg	70-130	30	70-130	30	30	
Naphthalene	91-20-3	5	0.1384	ug/kg	70-130	30	70-130	30	30	
n-Propylbenzene	103-65-1	1	0.1092	ug/kg	70-130	30	70-130	30	30	
1,2,3-Trichlorobenzene	87-61-6	5	0.1476	ug/kg	70-130	30	70-130	30	30	
1,2,4-Trichlorobenzene	120-82-1	5	0.1818	ug/kg	70-130	30	70-130	30	30	
1,3,5-Trimethylbenzene	108-67-8	5	0.1434	ug/kg	70-130	30	70-130	30	30	
1,2,4-Trimethylbenzene	95-63-6	5	0.1414	ug/kg	70-130	30	70-130	30	30	
trans-1,4-Dichloro-2-butene	110-57-6	5	0.392	ug/kg	70-130	30	70-130	30	30	
Ethyl ether	60-29-7	5	0.26	ug/kg	67-130	30	67-130	30	30	
Methyl Acetate	79-20-9	20	0.27	ug/kg	65-130	30	65-130	30	30	
Ethyl Acetate	141-78-6	20	0.922	ug/kg	70-130	30	70-130	30	30	
Isopropyl Ether	108-20-3	4	0.1396	ug/kg	66-130	30	66-130	30	30	
Cyclohexane	108-82-7	20	0.146	ug/kg	70-130	30	70-130	30	30	
Ethyl-Tert-Butyl-Ether	637-92-3	4	0.1158	ug/kg	70-130	30	70-130	30	30	

Please Note that the RL information provided in this table is calculated using a 100% Solids factor. (Soil/Solids only)



Volatile Organics - EPA 8260C (WATER)

Holding Time: 14 days
Container/Sample Preservation: 3 - Vial HCl preserved

Analyte	CAS #	RL	MDL	Units	LCS Criteria	LCS RPD	MS Criteria	MS RPD	Duplicate RPD	Surrogate Criteria
Methylene chloride	75-09-2	3		ug/l	70-130	20	70-130	20	20	
1,1-Dichloroethane	75-34-3	0.75	0.21	ug/l	70-130	20	70-130	20	20	
Chloroform	67-66-3	0.75	0.162	ug/l	70-130	20	70-130	20	20	
Carbon tetrachloride	56-23-5	0.5	0.134	ug/l	63-132	20	63-132	20	20	
1,2-Dichloropropane	78-87-5	1.75	0.137	ug/l	70-130	20	70-130	20	20	
Dibromochloromethane	124-48-1	0.5	0.149	ug/l	63-130	20	63-130	20	20	
1,1,2-Trichloroethane	79-00-5	0.75	0.144	ug/l	70-130	20	70-130	20	20	
Tetrachloroethane	127-18-4	0.5	0.181	ug/l	70-130	20	70-130	20	20	
Chlorobenzene	108-90-7	0.5	0.178	ug/l	75-130	25	75-130	25	25	
Trichlorofluoromethane	75-69-4	2.5	0.161	ug/l	62-150	20	62-150	20	20	
1,2-Dichloroethane	107-06-2	0.5	0.132	ug/l	70-130	20	70-130	20	20	
1,1,1-Trichloroethane	71-55-6	0.5	0.158	ug/l	67-130	20	67-130	20	20	
Bromodichloromethane	75-27-4	0.5	0.192	ug/l	67-130	20	67-130	20	20	
trans-1,3-Dichloropropene	10061-02-6	0.5	0.164	ug/l	70-130	20	70-130	20	20	
cis-1,3-Dichloropropene	10061-01-5	0.5	0.144	ug/l	70-130	20	70-130	20	20	
1,3-Dichloropropene, Total	542-75-6	0.5	0.144	ug/l				20	20	
1,3-Dichloropropene, Total	542-75-6	0.5	0.144	ug/l				20	20	
1,1-Dichloropropene	563-58-6	2.5	0.173	ug/l	70-130	20	70-130	20	20	
Bromoform	75-25-2	2	0.248	ug/l	54-136	20	54-136	20	20	
1,1,2,2-Tetrachloroethane	79-34-5	0.5	0.167	ug/l	67-130	20	67-130	20	20	
Benzene	71-43-2	0.5	0.159	ug/l	70-130	25	70-130	25	25	
Toluene	108-88-3	0.75	0.161	ug/l	70-130	25	70-130	25	25	
Ethylbenzene	100-41-4	0.5	0.167	ug/l	70-130	20	70-130	20	20	
Chloromethane	74-87-3	2.5	0.176	ug/l	64-130	20	64-130	20	20	
Bromomethane	74-83-9	1	0.256	ug/l	39-139	20	39-139	20	20	
Vinyl chloride	75-01-4	1	0.0714	ug/l	55-140	20	55-140	20	20	
Chloroethane	75-00-3	1	0.134	ug/l	55-138	20	55-138	20	20	
1,1-Dichloroethene	75-35-4	0.5	0.169	ug/l	61-145	25	61-145	25	25	
trans-1,2-Dichloroethene	156-60-5	0.75	0.163	ug/l	70-130	20	70-130	20	20	
1,2-Dichloroethene (total)	540-59-0	0.5	0.163	ug/l				20	20	
1,2-Dichloroethene (total)	540-59-0	0.5	0.163	ug/l				20	20	
Trichloroethene	79-01-6	0.5	0.175	ug/l	70-130	25	70-130	25	25	
1,2-Dichlorobenzene	95-50-1	2.5	0.184	ug/l	70-130	20	70-130	20	20	
1,3-Dichlorobenzene	541-73-1	2.5	0.186	ug/l	70-130	20	70-130	20	20	
1,4-Dichlorobenzene	106-46-7	2.5	0.187	ug/l	70-130	20	70-130	20	20	
Methyl tert butyl ether	1634-04-4	1	0.166	ug/l	63-130	20	63-130	20	20	
p/m-Xylene	179601-23-1	1	0.332	ug/l	70-130	20	70-130	20	20	
o-Xylene	95-47-6	1	0.33	ug/l	70-130	20	70-130	20	20	
Xylene (Total)	1330-20-7	1	0.33	ug/l				20	20	
Xylene (Total)	1330-20-7	1	0.33	ug/l				20	20	
cis-1,2-Dichloroethane	156-59-2	0.5	0.187	ug/l	70-130	20	70-130	20	20	
Dibromomethane	74-95-3	5	0.363	ug/l	70-130	20	70-130	20	20	

Please Note that the RL information provided in this table is calculated using a 100% Solids factor. (Soil/Solids only)



Volatile Organics - EPA 8260C (WATER)

Holding Time: 14 days
Container/Sample Preservation: 3 - Vial HCl preserved

Analyte	CAS #	RL	MDL	Units	LCS Criteria	LCS RPD	MS Criteria	MS RPD	Duplicate RPD	Surrogate Criteria
1,4-Dichlorobutane	110-56-5	5	0.464	ug/l	70-130	20	70-130	20	20	
1,2,3-Trichloropropane	96-18-4	5	0.176	ug/l	64-130	20	64-130	20	20	
Styrene	100-42-5	1	0.359	ug/l	70-130	20	70-130	20	20	
Dichlorodifluoromethane	75-71-8	5	0.244	ug/l	36-147	20	36-147	20	20	
Acetone	67-64-1	5	1.46	ug/l	58-148	20	58-148	20	20	
Carbon disulfide	75-15-0	5	0.299	ug/l	51-130	20	51-130	20	20	
2-Butanone	78-93-3	5	1.94	ug/l	63-138	20	63-138	20	20	
Vinyl acetate	108-05-4	5	0.311	ug/l	70-130	20	70-130	20	20	
4-Methyl-2-pentanone	108-10-1	5	0.416	ug/l	59-130	20	59-130	20	20	
2-Hexanone	591-78-6	5	0.515	ug/l	57-130	20	57-130	20	20	
Ethyl methacrylate	97-63-2	5	0.606	ug/l	70-130	20	70-130	20	20	
Acrylonitrile	107-13-1	5	0.43	ug/l	70-130	20	70-130	20	20	
Bromochloromethane	74-97-5	2.5	0.152	ug/l	70-130	20	70-130	20	20	
Tetrahydrofuran	109-99-9	5	0.834	ug/l	58-130	20	58-130	20	20	
2,2-Dichloropropane	594-20-7	2.5	0.204	ug/l	63-133	20	63-133	20	20	
1,2-Dibromoethane	106-93-4	2	0.193	ug/l	70-130	20	70-130	20	20	
1,3-Dichloropropane	142-28-9	2.5	0.212	ug/l	70-130	20	70-130	20	20	
1,1,1,2-Tetrachloroethane	630-20-6	0.5	0.164	ug/l	64-130	20	64-130	20	20	
Bromobenzene	108-86-1	2.5	0.152	ug/l	70-130	20	70-130	20	20	
n-Butylbenzene	104-51-8	0.5	0.192	ug/l	53-136	20	53-136	20	20	
sec-Butylbenzene	135-98-8	0.5	0.181	ug/l	70-130	20	70-130	20	20	
tert-Butylbenzene	98-06-6	2.5	0.185	ug/l	70-130	20	70-130	20	20	
o-Chlorotoluene	95-49-8	2.5	0.17	ug/l	70-130	20	70-130	20	20	
p-Chlorotoluene	106-43-4	2.5	0.185	ug/l	70-130	20	70-130	20	20	
1,2-Dibromo-3-chloropropane	96-12-8	2.5	0.353	ug/l	41-144	20	41-144	20	20	
Hexachlorobutadiene	87-68-3	0.5	0.217	ug/l	63-130	20	63-130	20	20	
Isopropylbenzene	98-82-8	0.5	0.187	ug/l	70-130	20	70-130	20	20	
p-Isopropyltoluene	99-87-6	0.5	0.188	ug/l	70-130	20	70-130	20	20	
Naphthalene	91-20-3	2.5	0.216	ug/l	70-130	20	70-130	20	20	
n-Propylbenzene	103-65-1	0.5	0.173	ug/l	69-130	20	69-130	20	20	
1,2,3-Trichlorobenzene	87-61-6	2.5	0.234	ug/l	70-130	20	70-130	20	20	
1,2,4-Trichlorobenzene	120-82-1	2.5	0.22	ug/l	70-130	20	70-130	20	20	
1,3,5-Trimethylbenzene	108-67-8	2.5	0.174	ug/l	64-130	20	64-130	20	20	
1,3,5-Trichlorobenzene	108-70-3	2	0.141	ug/l	70-130	20	70-130	20	20	
1,2,4-Trimethylbenzene	95-63-6	2.5	0.191	ug/l	70-130	20	70-130	20	20	
trans-1,4-Dichloro-2-butene	110-57-6	2.5	0.176	ug/l	70-130	20	70-130	20	20	
Ethyl ether	60-29-7	2.5	0.163	ug/l	59-134	20	59-134	20	20	
Methyl Acetate	79-20-9	10	0.234	ug/l	70-130	20	70-130	20	20	
Ethyl Acetate	141-78-6	10	0.716	ug/l	70-130	20	70-130	20	20	
Isopropyl Ether	108-20-3	2	0.425	ug/l	70-130	20	70-130	20	20	
Cyclohexane	110-82-7	10	0.271	ug/l	70-130	20	70-130	20	20	
Ethyl-Tert-Butyl-Ether	637-92-3	2	0.179	ug/l	70-130	20	70-130	20	20	

Please Note that the RL information provided in this table is calculated using a 100% Solids factor. (Soil/Solids only)



Volatiles Sample Data

Form 1 VOA

Client : AEI Consultants
 Project Name : VAZQUEZ
 Lab ID : L1723686-01D
 Client ID : SB5 (16-16.5)
 Sample Location : 4778 BROADWAY, NYC, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260C
 Lab File ID : V04170716A20
 Sample Amount : 4.9 g
 Level : HIGH
 Extract Volume (MeOH) : 5 ml

Lab Number : L1723686
 Project Number : 344060
 Date Collected : 07/11/17 09:20
 Date Received : 07/12/17
 Date Analyzed : 07/16/17 16:17
 Dilution Factor : 4
 Analyst : MV
 Instrument ID : VOA104
 GC Column : RTX-VMS
 %Solids : 91
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	2400	400	U
75-34-3	1,1-Dichloroethane	ND	360	66.	U
67-66-3	Chloroform	ND	360	90.	U
56-23-5	Carbon tetrachloride	ND	240	84.	U
78-87-5	1,2-Dichloropropane	ND	850	55.	U
124-48-1	Dibromochloromethane	ND	240	43.	U
79-00-5	1,1,2-Trichloroethane	ND	360	76.	U
127-18-4	Tetrachloroethene	ND	240	73.	U
108-90-7	Chlorobenzene	ND	240	84.	U
75-69-4	Trichlorofluoromethane	ND	1200	100	U
107-06-2	1,2-Dichloroethane	ND	240	60.	U
71-55-6	1,1,1-Trichloroethane	ND	240	85.	U
75-27-4	Bromodichloromethane	ND	240	75.	U
10061-02-6	trans-1,3-Dichloropropene	ND	240	50.	U
10061-01-5	cis-1,3-Dichloropropene	ND	240	56.	U
542-75-6	1,3-Dichloropropene, Total	ND	240	50.	U
563-58-6	1,1-Dichloropropene	ND	1200	80.	U
75-25-2	Bromoform	ND	970	58.	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	240	72.	U
71-43-2	Benzene	ND	240	47.	U
108-88-3	Toluene	83	360	47.	J
100-41-4	Ethylbenzene	6000	240	41.	
74-87-3	Chloromethane	ND	1200	100	U
74-83-9	Bromomethane	ND	490	82.	U
75-01-4	Vinyl chloride	ND	490	76.	U
75-00-3	Chloroethane	ND	490	77.	U
75-35-4	1,1-Dichloroethene	ND	240	90.	U



Form 1 VOA

Client : AEI Consultants
 Project Name : VAZQUEZ
 Lab ID : L1723686-01D
 Client ID : SB5 (16-16.5)
 Sample Location : 4778 BROADWAY, NYC, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260C
 Lab File ID : V04170716A20
 Sample Amount : 4.9 g
 Level : HIGH
 Extract Volume (MeOH) : 5 ml

Lab Number : L1723686
 Project Number : 344060
 Date Collected : 07/11/17 09:20
 Date Received : 07/12/17
 Date Analyzed : 07/16/17 16:17
 Dilution Factor : 4
 Analyst : MV
 Instrument ID : VOA104
 GC Column : RTX-VMS
 %Solids : 91
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	360	58.	U
79-01-6	Trichloroethene	ND	240	73.	U
95-50-1	1,2-Dichlorobenzene	69	1200	44.	J
541-73-1	1,3-Dichlorobenzene	ND	1200	53.	U
106-46-7	1,4-Dichlorobenzene	67	1200	44.	J
1634-04-4	Methyl tert butyl ether	ND	490	37.	U
179601-23-1	p/m-Xylene	19000	490	85.	
95-47-6	o-Xylene	5700	490	82.	
1330-20-7	Xylenes, Total	25000	490	82.	
156-59-2	cis-1,2-Dichloroethene	ND	240	83.	U
540-59-0	1,2-Dichloroethene, Total	ND	240	58.	U
74-95-3	Dibromomethane	ND	2400	58.	U
100-42-5	Styrene	ND	490	97.	U
75-71-8	Dichlorodifluoromethane	ND	2400	120	U
67-64-1	Acetone	ND	2400	560	U
75-15-0	Carbon disulfide	280	2400	270	J
78-93-3	2-Butanone	ND	2400	170	U
108-05-4	Vinyl acetate	ND	2400	37.	U
108-10-1	4-Methyl-2-pentanone	ND	2400	59.	U
96-18-4	1,2,3-Trichloropropane	ND	2400	43.	U
591-78-6	2-Hexanone	ND	2400	160	U
74-97-5	Bromochloromethane	ND	1200	87.	U
594-20-7	2,2-Dichloropropane	ND	1200	110	U
106-93-4	1,2-Dibromoethane	ND	970	48.	U
142-28-9	1,3-Dichloropropane	ND	1200	44.	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	240	77.	U
108-86-1	Bromobenzene	ND	1200	53.	U



Form 1 VOA

Client : AEI Consultants
 Project Name : VAZQUEZ
 Lab ID : L1723686-01D
 Client ID : SB5 (16-16.5)
 Sample Location : 4778 BROADWAY, NYC, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260C
 Lab File ID : V04170716A20
 Sample Amount : 4.9 g
 Level : HIGH
 Extract Volume (MeOH) : 5 ml

Lab Number : L1723686
 Project Number : 344060
 Date Collected : 07/11/17 09:20
 Date Received : 07/12/17
 Date Analyzed : 07/16/17 16:17
 Dilution Factor : 4
 Analyst : MV
 Instrument ID : VOA104
 GC Column : RTX-VMS
 %Solids : 91
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
104-51-8	n-Butylbenzene	1400	240	55.	
135-98-8	sec-Butylbenzene	630	240	53.	
98-06-6	tert-Butylbenzene	ND	1200	60.	U
95-49-8	o-Chlorotoluene	ND	1200	54.	U
106-43-4	p-Chlorotoluene	ND	1200	44.	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	1200	96.	U
87-68-3	Hexachlorobutadiene	ND	1200	84.	U
98-82-8	Isopropylbenzene	1200	240	47.	
99-87-6	p-Isopropyltoluene	420	240	49.	
91-20-3	Naphthalene	1000	1200	34.	J
107-13-1	Acrylonitrile	ND	2400	120	U
103-65-1	n-Propylbenzene	4200	240	52.	
87-61-6	1,2,3-Trichlorobenzene	ND	1200	61.	U
120-82-1	1,2,4-Trichlorobenzene	ND	1200	52.	U
108-67-8	1,3,5-Trimethylbenzene	6200	1200	39.	
95-63-6	1,2,4-Trimethylbenzene	20000	1200	45.	
123-91-1	1,4-Dioxane	ND	9700	3500	U
105-05-5	p-Diethylbenzene	8100	970	970	
622-96-8	p-Ethyltoluene	18000	970	57.	
95-93-2	1,2,4,5-Tetramethylbenzene	2200	970	38.	
60-29-7	Ethyl ether	ND	1200	63.	U
110-57-6	trans-1,4-Dichloro-2-butene	ND	1200	95.	U



Form 1 VOA

Client : AEI Consultants
 Project Name : VAZQUEZ
 Lab ID : L1723686-02
 Client ID : SB5 (13.5-14)
 Sample Location : 4778 BROADWAY, NYC, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260C
 Lab File ID : V04170716A06
 Sample Amount : 9.6 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L1723686
 Project Number : 344060
 Date Collected : 07/11/17 09:40
 Date Received : 07/12/17
 Date Analyzed : 07/16/17 10:10
 Dilution Factor : 1
 Analyst : MV
 Instrument ID : VOA104
 GC Column : RTX-VMS
 %Solids : 92
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	5.7	0.94	U
75-34-3	1,1-Dichloroethane	ND	0.85	0.15	U
67-66-3	Chloroform	ND	0.85	0.21	U
56-23-5	Carbon tetrachloride	ND	0.57	0.20	U
78-87-5	1,2-Dichloropropane	ND	2.0	0.13	U
124-48-1	Dibromochloromethane	ND	0.57	0.10	U
79-00-5	1,1,2-Trichloroethane	ND	0.85	0.18	U
127-18-4	Tetrachloroethene	0.90	0.57	0.17	
108-90-7	Chlorobenzene	ND	0.57	0.20	U
75-69-4	Trichlorofluoromethane	ND	2.8	0.24	U
107-06-2	1,2-Dichloroethane	ND	0.57	0.14	U
71-55-6	1,1,1-Trichloroethane	ND	0.57	0.20	U
75-27-4	Bromodichloromethane	ND	0.57	0.17	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.57	0.12	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.57	0.13	U
542-75-6	1,3-Dichloropropene, Total	ND	0.57	0.12	U
563-58-6	1,1-Dichloropropene	ND	2.8	0.19	U
75-25-2	Bromoform	ND	2.3	0.13	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.57	0.17	U
71-43-2	Benzene	0.11	0.57	0.11	J
108-88-3	Toluene	0.65	0.85	0.11	J
100-41-4	Ethylbenzene	1.5	0.57	0.10	
74-87-3	Chloromethane	0.40	2.8	0.25	J
74-83-9	Bromomethane	ND	1.1	0.19	U
75-01-4	Vinyl chloride	ND	1.1	0.18	U
75-00-3	Chloroethane	ND	1.1	0.18	U
75-35-4	1,1-Dichloroethene	ND	0.57	0.21	U



Form 1 VOA

Client : AEI Consultants
 Project Name : VAZQUEZ
 Lab ID : L1723686-02
 Client ID : SB5 (13.5-14)
 Sample Location : 4778 BROADWAY, NYC, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260C
 Lab File ID : V04170716A06
 Sample Amount : 9.6 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L1723686
 Project Number : 344060
 Date Collected : 07/11/17 09:40
 Date Received : 07/12/17
 Date Analyzed : 07/16/17 10:10
 Dilution Factor : 1
 Analyst : MV
 Instrument ID : VOA104
 GC Column : RTX-VMS
 %Solids : 92
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	0.85	0.14	U
79-01-6	Trichloroethene	ND	0.57	0.17	U
95-50-1	1,2-Dichlorobenzene	ND	2.8	0.10	U
541-73-1	1,3-Dichlorobenzene	ND	2.8	0.12	U
106-46-7	1,4-Dichlorobenzene	ND	2.8	0.10	U
1634-04-4	Methyl tert butyl ether	ND	1.1	0.09	U
179601-23-1	p/m-Xylene	1.8	1.1	0.20	
95-47-6	o-Xylene	0.33	1.1	0.19	J
1330-20-7	Xylenes, Total	2.1	1.1	0.19	J
156-59-2	cis-1,2-Dichloroethene	ND	0.57	0.19	U
540-59-0	1,2-Dichloroethene, Total	ND	0.57	0.14	U
74-95-3	Dibromomethane	ND	5.7	0.14	U
100-42-5	Styrene	ND	1.1	0.23	U
75-71-8	Dichlorodifluoromethane	ND	5.7	0.28	U
67-64-1	Acetone	18	5.7	1.3	
75-15-0	Carbon disulfide	0.62	5.7	0.62	J
78-93-3	2-Butanone	ND	5.7	0.39	U
108-05-4	Vinyl acetate	ND	5.7	0.09	U
108-10-1	4-Methyl-2-pentanone	ND	5.7	0.14	U
96-18-4	1,2,3-Trichloropropane	ND	5.7	0.10	U
591-78-6	2-Hexanone	ND	5.7	0.38	U
74-97-5	Bromochloromethane	ND	2.8	0.20	U
594-20-7	2,2-Dichloropropane	ND	2.8	0.26	U
106-93-4	1,2-Dibromoethane	ND	2.3	0.11	U
142-28-9	1,3-Dichloropropane	ND	2.8	0.10	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.57	0.18	U
108-86-1	Bromobenzene	ND	2.8	0.12	U



Form 1 VOA

Client : AEI Consultants
 Project Name : VAZQUEZ
 Lab ID : L1723686-02
 Client ID : SB5 (13.5-14)
 Sample Location : 4778 BROADWAY, NYC, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260C
 Lab File ID : V04170716A06
 Sample Amount : 9.6 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L1723686
 Project Number : 344060
 Date Collected : 07/11/17 09:40
 Date Received : 07/12/17
 Date Analyzed : 07/16/17 10:10
 Dilution Factor : 1
 Analyst : MV
 Instrument ID : VOA104
 GC Column : RTX-VMS
 %Solids : 92
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
104-51-8	n-Butylbenzene	0.13	0.57	0.13	J
135-98-8	sec-Butylbenzene	0.70	0.57	0.12	
98-06-6	tert-Butylbenzene	ND	2.8	0.14	U
95-49-8	o-Chlorotoluene	ND	2.8	0.12	U
106-43-4	p-Chlorotoluene	ND	2.8	0.10	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.8	0.22	U
87-68-3	Hexachlorobutadiene	ND	2.8	0.20	U
98-82-8	Isopropylbenzene	1.2	0.57	0.11	
99-87-6	p-Isopropyltoluene	0.13	0.57	0.11	J
91-20-3	Naphthalene	0.18	2.8	0.08	J
107-13-1	Acrylonitrile	ND	5.7	0.29	U
103-65-1	n-Propylbenzene	2.8	0.57	0.12	
87-61-6	1,2,3-Trichlorobenzene	ND	2.8	0.14	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.8	0.12	U
108-67-8	1,3,5-Trimethylbenzene	0.12	2.8	0.09	J
95-63-6	1,2,4-Trimethylbenzene	1.2	2.8	0.10	J
123-91-1	1,4-Dioxane	ND	23	8.2	U
105-05-5	p-Diethylbenzene	ND	2.3	2.3	U
622-96-8	p-Ethyltoluene	0.77	2.3	0.13	J
95-93-2	1,2,4,5-Tetramethylbenzene	1.1	2.3	0.09	J
60-29-7	Ethyl ether	ND	2.8	0.15	U
110-57-6	trans-1,4-Dichloro-2-butene	ND	2.8	0.22	U



Form 1 VOA

Client : AEI Consultants
 Project Name : VAZQUEZ
 Lab ID : L1723686-03
 Client ID : SB6 (15-15.5)
 Sample Location : 4778 BROADWAY, NYC, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260C
 Lab File ID : V04170714A17
 Sample Amount : 9.0 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L1723686
 Project Number : 344060
 Date Collected : 07/11/17 10:00
 Date Received : 07/12/17
 Date Analyzed : 07/14/17 14:43
 Dilution Factor : 1
 Analyst : JC
 Instrument ID : VOA104
 GC Column : RTX-VMS
 %Solids : 88
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	6.3	1.0	U
75-34-3	1,1-Dichloroethane	ND	0.95	0.17	U
67-66-3	Chloroform	ND	0.95	0.23	U
56-23-5	Carbon tetrachloride	ND	0.63	0.22	U
78-87-5	1,2-Dichloropropane	ND	2.2	0.14	U
124-48-1	Dibromochloromethane	ND	0.63	0.11	U
79-00-5	1,1,2-Trichloroethane	ND	0.95	0.20	U
127-18-4	Tetrachloroethene	ND	0.63	0.19	U
108-90-7	Chlorobenzene	ND	0.63	0.22	U
75-69-4	Trichlorofluoromethane	ND	3.2	0.26	U
107-06-2	1,2-Dichloroethane	ND	0.63	0.16	U
71-55-6	1,1,1-Trichloroethane	ND	0.63	0.22	U
75-27-4	Bromodichloromethane	ND	0.63	0.20	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.63	0.13	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.63	0.15	U
542-75-6	1,3-Dichloropropene, Total	ND	0.63	0.13	U
563-58-6	1,1-Dichloropropene	ND	3.2	0.21	U
75-25-2	Bromoform	ND	2.5	0.15	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.63	0.19	U
71-43-2	Benzene	3.0	0.63	0.12	
108-88-3	Toluene	8.3	0.95	0.12	
100-41-4	Ethylbenzene	50	0.63	0.11	
74-87-3	Chloromethane	ND	3.2	0.28	U
74-83-9	Bromomethane	ND	1.3	0.21	U
75-01-4	Vinyl chloride	ND	1.3	0.20	U
75-00-3	Chloroethane	ND	1.3	0.20	U
75-35-4	1,1-Dichloroethene	ND	0.63	0.24	U



Form 1 VOA

Client : AEI Consultants
 Project Name : VAZQUEZ
 Lab ID : L1723686-03
 Client ID : SB6 (15-15.5)
 Sample Location : 4778 BROADWAY, NYC, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260C
 Lab File ID : V04170714A17
 Sample Amount : 9.0 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L1723686
 Project Number : 344060
 Date Collected : 07/11/17 10:00
 Date Received : 07/12/17
 Date Analyzed : 07/14/17 14:43
 Dilution Factor : 1
 Analyst : JC
 Instrument ID : VOA104
 GC Column : RTX-VMS
 %Solids : 88
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	0.95	0.15	U
79-01-6	Trichloroethene	ND	0.63	0.19	U
95-50-1	1,2-Dichlorobenzene	ND	3.2	0.12	U
541-73-1	1,3-Dichlorobenzene	ND	3.2	0.14	U
106-46-7	1,4-Dichlorobenzene	ND	3.2	0.12	U
1634-04-4	Methyl tert butyl ether	ND	1.3	0.10	U
179601-23-1	p/m-Xylene	100	1.3	0.22	
95-47-6	o-Xylene	26	1.3	0.21	
1330-20-7	Xylenes, Total	130	1.3	0.21	
156-59-2	cis-1,2-Dichloroethene	ND	0.63	0.22	U
540-59-0	1,2-Dichloroethene, Total	ND	0.63	0.15	U
74-95-3	Dibromomethane	ND	6.3	0.15	U
100-42-5	Styrene	ND	1.3	0.25	U
75-71-8	Dichlorodifluoromethane	ND	6.3	0.32	U
67-64-1	Acetone	40	6.3	1.4	
75-15-0	Carbon disulfide	4.3	6.3	0.70	J
78-93-3	2-Butanone	ND	6.3	0.44	U
108-05-4	Vinyl acetate	ND	6.3	0.10	U
108-10-1	4-Methyl-2-pentanone	ND	6.3	0.15	U
96-18-4	1,2,3-Trichloropropane	ND	6.3	0.11	U
591-78-6	2-Hexanone	ND	6.3	0.42	U
74-97-5	Bromochloromethane	ND	3.2	0.23	U
594-20-7	2,2-Dichloropropane	ND	3.2	0.28	U
106-93-4	1,2-Dibromoethane	ND	2.5	0.13	U
142-28-9	1,3-Dichloropropane	ND	3.2	0.12	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.63	0.20	U
108-86-1	Bromobenzene	ND	3.2	0.14	U



Form 1 VOA

Client : AEI Consultants
 Project Name : VAZQUEZ
 Lab ID : L1723686-03
 Client ID : SB6 (15-15.5)
 Sample Location : 4778 BROADWAY, NYC, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260C
 Lab File ID : V04170714A17
 Sample Amount : 9.0 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L1723686
 Project Number : 344060
 Date Collected : 07/11/17 10:00
 Date Received : 07/12/17
 Date Analyzed : 07/14/17 14:43
 Dilution Factor : 1
 Analyst : JC
 Instrument ID : VOA104
 GC Column : RTX-VMS
 %Solids : 88
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
104-51-8	n-Butylbenzene	2.1	0.63	0.14	
135-98-8	sec-Butylbenzene	1.7	0.63	0.14	
98-06-6	tert-Butylbenzene	ND	3.2	0.16	U
95-49-8	o-Chlorotoluene	ND	3.2	0.14	U
106-43-4	p-Chlorotoluene	ND	3.2	0.12	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.2	0.25	U
87-68-3	Hexachlorobutadiene	ND	3.2	0.22	U
98-82-8	Isopropylbenzene	4.3	0.63	0.12	
99-87-6	p-Isopropyltoluene	0.72	0.63	0.13	
91-20-3	Naphthalene	1.8	3.2	0.09	J
107-13-1	Acrylonitrile	ND	6.3	0.32	U
103-65-1	n-Propylbenzene	14	0.63	0.14	
87-61-6	1,2,3-Trichlorobenzene	ND	3.2	0.16	U
120-82-1	1,2,4-Trichlorobenzene	ND	3.2	0.14	U
108-67-8	1,3,5-Trimethylbenzene	18	3.2	0.10	
95-63-6	1,2,4-Trimethylbenzene	41	3.2	0.12	
123-91-1	1,4-Dioxane	ND	25	9.1	U
105-05-5	p-Diethylbenzene	ND	2.5	2.5	U
622-96-8	p-Ethyltoluene	44	2.5	0.15	
95-93-2	1,2,4,5-Tetramethylbenzene	3.6	2.5	0.10	
60-29-7	Ethyl ether	ND	3.2	0.16	U
110-57-6	trans-1,4-Dichloro-2-butene	ND	3.2	0.25	U



Form 1 VOA

Client : AEI Consultants
Project Name : VAZQUEZ
Lab ID : L1723686-04D2
Client ID : SB6 (17-17.5)
Sample Location : 4778 BROADWAY, NYC, NY
Sample Matrix : SOIL
Analytical Method : 1,8260C
Lab File ID : V17170719A06
Sample Amount : 20.9 g
Level : HIGH
Extract Volume (MeOH) : 5 ml

Lab Number : L1723686
Project Number : 344060
Date Collected : 07/11/17 10:10
Date Received : 07/12/17
Date Analyzed : 07/19/17 09:14
Dilution Factor : 100
Analyst : CBN
Instrument ID : VOA117
GC Column : RTX-VMS
%Solids : 89
Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
108-88-3	Toluene	240000	3000	390	



Form 1 VOA

Client : AEI Consultants
 Project Name : VAZQUEZ
 Lab ID : L1723686-04D
 Client ID : SB6 (17-17.5)
 Sample Location : 4778 BROADWAY, NYC, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260C
 Lab File ID : V17170718A21
 Sample Amount : 20.9 g
 Level : HIGH
 Extract Volume (MeOH) : 5 ml

Lab Number : L1723686
 Project Number : 344060
 Date Collected : 07/11/17 10:10
 Date Received : 07/12/17
 Date Analyzed : 07/18/17 15:55
 Dilution Factor : 25
 Analyst : CBN
 Instrument ID : VOA117
 GC Column : RTX-VMS
 %Solids : 89
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	5000	820	U
75-34-3	1,1-Dichloroethane	ND	750	130	U
67-66-3	Chloroform	ND	750	180	U
56-23-5	Carbon tetrachloride	ND	500	170	U
78-87-5	1,2-Dichloropropane	ND	1700	110	U
124-48-1	Dibromochloromethane	ND	500	88.	U
79-00-5	1,1,2-Trichloroethane	ND	750	160	U
127-18-4	Tetrachloroethene	ND	500	150	U
108-90-7	Chlorobenzene	ND	500	170	U
75-69-4	Trichlorofluoromethane	ND	2500	210	U
107-06-2	1,2-Dichloroethane	ND	500	120	U
71-55-6	1,1,1-Trichloroethane	ND	500	170	U
75-27-4	Bromodichloromethane	ND	500	150	U
10061-02-6	trans-1,3-Dichloropropene	ND	500	100	U
10061-01-5	cis-1,3-Dichloropropene	ND	500	120	U
542-75-6	1,3-Dichloropropene, Total	ND	500	100	U
563-58-6	1,1-Dichloropropene	ND	2500	160	U
75-25-2	Bromoform	ND	2000	120	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	500	150	U
71-43-2	Benzene	5100	500	96.	
108-88-3	Toluene	220000	750	97.	E
100-41-4	Ethylbenzene	83000	500	85.	
74-87-3	Chloromethane	ND	2500	220	U
74-83-9	Bromomethane	ND	1000	170	U
75-01-4	Vinyl chloride	ND	1000	160	U
75-00-3	Chloroethane	ND	1000	160	U
75-35-4	1,1-Dichloroethene	ND	500	180	U



Form 1 VOA

Client : AEI Consultants
 Project Name : VAZQUEZ
 Lab ID : L1723686-04D
 Client ID : SB6 (17-17.5)
 Sample Location : 4778 BROADWAY, NYC, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260C
 Lab File ID : V17170718A21
 Sample Amount : 20.9 g
 Level : HIGH
 Extract Volume (MeOH) : 5 ml

Lab Number : L1723686
 Project Number : 344060
 Date Collected : 07/11/17 10:10
 Date Received : 07/12/17
 Date Analyzed : 07/18/17 15:55
 Dilution Factor : 25
 Analyst : CBN
 Instrument ID : VOA117
 GC Column : RTX-VMS
 %Solids : 89
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	750	120	U
79-01-6	Trichloroethene	ND	500	150	U
95-50-1	1,2-Dichlorobenzene	ND	2500	91.	U
541-73-1	1,3-Dichlorobenzene	ND	2500	110	U
106-46-7	1,4-Dichlorobenzene	ND	2500	91.	U
1634-04-4	Methyl tert butyl ether	ND	1000	76.	U
179601-23-1	p/m-Xylene	280000	1000	170	
95-47-6	o-Xylene	110000	1000	170	
1330-20-7	Xylenes, Total	390000	1000	170	
156-59-2	cis-1,2-Dichloroethene	ND	500	170	U
540-59-0	1,2-Dichloroethene, Total	ND	500	120	U
74-95-3	Dibromomethane	ND	5000	120	U
100-42-5	Styrene	250	1000	200	J
75-71-8	Dichlorodifluoromethane	ND	5000	250	U
67-64-1	Acetone	ND	5000	1100	U
75-15-0	Carbon disulfide	1200	5000	550	J
78-93-3	2-Butanone	ND	5000	340	U
108-05-4	Vinyl acetate	ND	5000	76.	U
108-10-1	4-Methyl-2-pentanone	ND	5000	120	U
96-18-4	1,2,3-Trichloropropane	ND	5000	88.	U
591-78-6	2-Hexanone	ND	5000	330	U
74-97-5	Bromochloromethane	ND	2500	180	U
594-20-7	2,2-Dichloropropane	ND	2500	220	U
106-93-4	1,2-Dibromoethane	ND	2000	99.	U
142-28-9	1,3-Dichloropropane	ND	2500	91.	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	500	160	U
108-86-1	Bromobenzene	ND	2500	110	U



Form 1 VOA

Client : AEI Consultants
 Project Name : VAZQUEZ
 Lab ID : L1723686-04D
 Client ID : SB6 (17-17.5)
 Sample Location : 4778 BROADWAY, NYC, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260C
 Lab File ID : V17170718A21
 Sample Amount : 20.9 g
 Level : HIGH
 Extract Volume (MeOH) : 5 ml

Lab Number : L1723686
 Project Number : 344060
 Date Collected : 07/11/17 10:10
 Date Received : 07/12/17
 Date Analyzed : 07/18/17 15:55
 Dilution Factor : 25
 Analyst : CBN
 Instrument ID : VOA117
 GC Column : RTX-VMS
 %Solids : 89
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
104-51-8	n-Butylbenzene	3200	500	110	
135-98-8	sec-Butylbenzene	1500	500	110	
98-06-6	tert-Butylbenzene	ND	2500	120	U
95-49-8	o-Chlorotoluene	ND	2500	110	U
106-43-4	p-Chlorotoluene	ND	2500	91.	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2500	200	U
87-68-3	Hexachlorobutadiene	ND	2500	170	U
98-82-8	Isopropylbenzene	5000	500	97.	
99-87-6	p-Isopropyltoluene	620	500	100	
91-20-3	Naphthalene	12000	2500	69.	
107-13-1	Acrylonitrile	ND	5000	260	U
103-65-1	n-Propylbenzene	17000	500	110	
87-61-6	1,2,3-Trichlorobenzene	ND	2500	120	U
120-82-1	1,2,4-Trichlorobenzene	ND	2500	110	U
108-67-8	1,3,5-Trimethylbenzene	30000	2500	80.	
95-63-6	1,2,4-Trimethylbenzene	98000	2500	93.	
123-91-1	1,4-Dioxane	ND	20000	7200	U
105-05-5	p-Diethylbenzene	22000	2000	2000	
622-96-8	p-Ethyltoluene	91000	2000	120	
95-93-2	1,2,4,5-Tetramethylbenzene	6100	2000	78.	
60-29-7	Ethyl ether	ND	2500	130	U
110-57-6	trans-1,4-Dichloro-2-butene	ND	2500	200	U



Form 1 VOA

Client : AEI Consultants
 Project Name : VAZQUEZ
 Lab ID : L1723686-05
 Client ID : SB7 (9-9.5)
 Sample Location : 4778 BROADWAY, NYC, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260C
 Lab File ID : V04170716A22
 Sample Amount : 8.8 g
 Level : HIGH
 Extract Volume (MeOH) : 5 ml

Lab Number : L1723686
 Project Number : 344060
 Date Collected : 07/11/17 10:40
 Date Received : 07/12/17
 Date Analyzed : 07/16/17 17:10
 Dilution Factor : 1
 Analyst : MV
 Instrument ID : VOA104
 GC Column : RTX-VMS
 %Solids : 90
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	370	61.	U
75-34-3	1,1-Dichloroethane	ND	56	10.	U
67-66-3	Chloroform	ND	56	14.	U
56-23-5	Carbon tetrachloride	ND	37	13.	U
78-87-5	1,2-Dichloropropane	ND	130	8.5	U
124-48-1	Dibromochloromethane	ND	37	6.5	U
79-00-5	1,1,2-Trichloroethane	ND	56	12.	U
127-18-4	Tetrachloroethene	ND	37	11.	U
108-90-7	Chlorobenzene	ND	37	13.	U
75-69-4	Trichlorofluoromethane	ND	180	15.	U
107-06-2	1,2-Dichloroethane	ND	37	9.1	U
71-55-6	1,1,1-Trichloroethane	ND	37	13.	U
75-27-4	Bromodichloromethane	ND	37	11.	U
10061-02-6	trans-1,3-Dichloropropene	ND	37	7.7	U
10061-01-5	cis-1,3-Dichloropropene	ND	37	8.6	U
542-75-6	1,3-Dichloropropene, Total	ND	37	7.7	U
563-58-6	1,1-Dichloropropene	ND	180	12.	U
75-25-2	Bromoform	ND	150	8.8	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	37	11.	U
71-43-2	Benzene	22	37	7.2	J
108-88-3	Toluene	ND	56	7.2	U
100-41-4	Ethylbenzene	260	37	6.3	
74-87-3	Chloromethane	ND	180	16.	U
74-83-9	Bromomethane	24	74	12.	J
75-01-4	Vinyl chloride	ND	74	12.	U
75-00-3	Chloroethane	ND	74	12.	U
75-35-4	1,1-Dichloroethene	ND	37	14.	U



Form 1 VOA

Client : AEI Consultants
 Project Name : VAZQUEZ
 Lab ID : L1723686-05
 Client ID : SB7 (9-9.5)
 Sample Location : 4778 BROADWAY, NYC, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260C
 Lab File ID : V04170716A22
 Sample Amount : 8.8 g
 Level : HIGH
 Extract Volume (MeOH) : 5 ml

Lab Number : L1723686
 Project Number : 344060
 Date Collected : 07/11/17 10:40
 Date Received : 07/12/17
 Date Analyzed : 07/16/17 17:10
 Dilution Factor : 1
 Analyst : MV
 Instrument ID : VOA104
 GC Column : RTX-VMS
 %Solids : 90
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	56	8.9	U
79-01-6	Trichloroethene	ND	37	11.	U
95-50-1	1,2-Dichlorobenzene	ND	180	6.8	U
541-73-1	1,3-Dichlorobenzene	ND	180	8.1	U
106-46-7	1,4-Dichlorobenzene	ND	180	6.8	U
1634-04-4	Methyl tert butyl ether	ND	74	5.7	U
179601-23-1	p/m-Xylene	150	74	13.	
95-47-6	o-Xylene	22	74	12.	J
1330-20-7	Xylenes, Total	170	74	12.	J
156-59-2	cis-1,2-Dichloroethene	ND	37	13.	U
540-59-0	1,2-Dichloroethene, Total	ND	37	8.9	U
74-95-3	Dibromomethane	ND	370	8.9	U
100-42-5	Styrene	ND	74	15.	U
75-71-8	Dichlorodifluoromethane	ND	370	18.	U
67-64-1	Acetone	89	370	85.	J
75-15-0	Carbon disulfide	52	370	41.	J
78-93-3	2-Butanone	ND	370	26.	U
108-05-4	Vinyl acetate	ND	370	5.7	U
108-10-1	4-Methyl-2-pentanone	ND	370	9.0	U
96-18-4	1,2,3-Trichloropropane	ND	370	6.6	U
591-78-6	2-Hexanone	ND	370	25.	U
74-97-5	Bromochloromethane	ND	180	13.	U
594-20-7	2,2-Dichloropropane	ND	180	17.	U
106-93-4	1,2-Dibromoethane	ND	150	7.4	U
142-28-9	1,3-Dichloropropane	ND	180	6.8	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	37	12.	U
108-86-1	Bromobenzene	ND	180	8.1	U



Form 1 VOA

Client : AEI Consultants
 Project Name : VAZQUEZ
 Lab ID : L1723686-05
 Client ID : SB7 (9-9.5)
 Sample Location : 4778 BROADWAY, NYC, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260C
 Lab File ID : V04170716A22
 Sample Amount : 8.8 g
 Level : HIGH
 Extract Volume (MeOH) : 5 ml

Lab Number : L1723686
 Project Number : 344060
 Date Collected : 07/11/17 10:40
 Date Received : 07/12/17
 Date Analyzed : 07/16/17 17:10
 Dilution Factor : 1
 Analyst : MV
 Instrument ID : VOA104
 GC Column : RTX-VMS
 %Solids : 90
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
104-51-8	n-Butylbenzene	860	37	8.5	
135-98-8	sec-Butylbenzene	380	37	8.0	
98-06-6	tert-Butylbenzene	57	180	9.2	J
95-49-8	o-Chlorotoluene	ND	180	8.2	U
106-43-4	p-Chlorotoluene	ND	180	6.8	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	180	15.	U
87-68-3	Hexachlorobutadiene	ND	180	13.	U
98-82-8	Isopropylbenzene	430	37	7.2	
99-87-6	p-Isopropyltoluene	160	37	7.5	
91-20-3	Naphthalene	4400	180	5.1	
107-13-1	Acrylonitrile	ND	370	19.	U
103-65-1	n-Propylbenzene	1200	37	8.0	
87-61-6	1,2,3-Trichlorobenzene	ND	180	9.3	U
120-82-1	1,2,4-Trichlorobenzene	ND	180	8.0	U
108-67-8	1,3,5-Trimethylbenzene	35	180	6.0	J
95-63-6	1,2,4-Trimethylbenzene	64	180	6.9	J
123-91-1	1,4-Dioxane	ND	1500	530	U
105-05-5	p-Diethylbenzene	970	150	150	
622-96-8	p-Ethyltoluene	260	150	8.7	
95-93-2	1,2,4,5-Tetramethylbenzene	2500	150	5.8	
60-29-7	Ethyl ether	ND	180	9.6	U
110-57-6	trans-1,4-Dichloro-2-butene	ND	180	14.	U



Form 1 VOA

Client : AEI Consultants
 Project Name : VAZQUEZ
 Lab ID : L1723686-07
 Client ID : SB8 (15-15.5)
 Sample Location : 4778 BROADWAY, NYC, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260C
 Lab File ID : V04170716A23
 Sample Amount : 7.7 g
 Level : HIGH
 Extract Volume (MeOH) : 5 ml

Lab Number : L1723686
 Project Number : 344060
 Date Collected : 07/11/17 11:30
 Date Received : 07/12/17
 Date Analyzed : 07/16/17 17:36
 Dilution Factor : 1
 Analyst : MV
 Instrument ID : VOA104
 GC Column : RTX-VMS
 %Solids : 93
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	380	63.	U
75-34-3	1,1-Dichloroethane	ND	57	10.	U
67-66-3	Chloroform	ND	57	14.	U
56-23-5	Carbon tetrachloride	ND	38	13.	U
78-87-5	1,2-Dichloropropane	ND	130	8.7	U
124-48-1	Dibromochloromethane	ND	38	6.7	U
79-00-5	1,1,2-Trichloroethane	ND	57	12.	U
127-18-4	Tetrachloroethene	ND	38	12.	U
108-90-7	Chlorobenzene	ND	38	13.	U
75-69-4	Trichlorofluoromethane	ND	190	16.	U
107-06-2	1,2-Dichloroethane	ND	38	9.4	U
71-55-6	1,1,1-Trichloroethane	ND	38	13.	U
75-27-4	Bromodichloromethane	ND	38	12.	U
10061-02-6	trans-1,3-Dichloropropene	ND	38	8.0	U
10061-01-5	cis-1,3-Dichloropropene	ND	38	8.8	U
542-75-6	1,3-Dichloropropene, Total	ND	38	8.0	U
563-58-6	1,1-Dichloropropene	ND	190	12.	U
75-25-2	Bromoform	ND	150	9.1	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	38	11.	U
71-43-2	Benzene	ND	38	7.4	U
108-88-3	Toluene	ND	57	7.5	U
100-41-4	Ethylbenzene	28	38	6.5	J
74-87-3	Chloromethane	ND	190	17.	U
74-83-9	Bromomethane	ND	76	13.	U
75-01-4	Vinyl chloride	ND	76	12.	U
75-00-3	Chloroethane	ND	76	12.	U
75-35-4	1,1-Dichloroethene	ND	38	14.	U



Form 1 VOA

Client : AEI Consultants
 Project Name : VAZQUEZ
 Lab ID : L1723686-07
 Client ID : SB8 (15-15.5)
 Sample Location : 4778 BROADWAY, NYC, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260C
 Lab File ID : V04170716A23
 Sample Amount : 7.7 g
 Level : HIGH
 Extract Volume (MeOH) : 5 ml

Lab Number : L1723686
 Project Number : 344060
 Date Collected : 07/11/17 11:30
 Date Received : 07/12/17
 Date Analyzed : 07/16/17 17:36
 Dilution Factor : 1
 Analyst : MV
 Instrument ID : VOA104
 GC Column : RTX-VMS
 %Solids : 93
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	57	9.2	U
79-01-6	Trichloroethene	ND	38	12.	U
95-50-1	1,2-Dichlorobenzene	ND	190	7.0	U
541-73-1	1,3-Dichlorobenzene	ND	190	8.3	U
106-46-7	1,4-Dichlorobenzene	ND	190	7.0	U
1634-04-4	Methyl tert butyl ether	ND	76	5.8	U
179601-23-1	p/m-Xylene	93	76	13.	
95-47-6	o-Xylene	ND	76	13.	U
1330-20-7	Xylenes, Total	93	76	13.	
156-59-2	cis-1,2-Dichloroethene	ND	38	13.	U
540-59-0	1,2-Dichloroethene, Total	ND	38	9.2	U
74-95-3	Dibromomethane	ND	380	9.2	U
100-42-5	Styrene	ND	76	15.	U
75-71-8	Dichlorodifluoromethane	ND	380	19.	U
67-64-1	Acetone	ND	380	88.	U
75-15-0	Carbon disulfide	ND	380	42.	U
78-93-3	2-Butanone	ND	380	26.	U
108-05-4	Vinyl acetate	ND	380	5.8	U
108-10-1	4-Methyl-2-pentanone	ND	380	9.3	U
96-18-4	1,2,3-Trichloropropane	ND	380	6.8	U
591-78-6	2-Hexanone	ND	380	26.	U
74-97-5	Bromochloromethane	ND	190	14.	U
594-20-7	2,2-Dichloropropane	ND	190	17.	U
106-93-4	1,2-Dibromoethane	ND	150	7.6	U
142-28-9	1,3-Dichloropropane	ND	190	7.0	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	38	12.	U
108-86-1	Bromobenzene	ND	190	8.4	U



Form 1 VOA

Client : AEI Consultants
 Project Name : VAZQUEZ
 Lab ID : L1723686-07
 Client ID : SB8 (15-15.5)
 Sample Location : 4778 BROADWAY, NYC, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260C
 Lab File ID : V04170716A23
 Sample Amount : 7.7 g
 Level : HIGH
 Extract Volume (MeOH) : 5 ml

Lab Number : L1723686
 Project Number : 344060
 Date Collected : 07/11/17 11:30
 Date Received : 07/12/17
 Date Analyzed : 07/16/17 17:36
 Dilution Factor : 1
 Analyst : MV
 Instrument ID : VOA104
 GC Column : RTX-VMS
 %Solids : 93
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
104-51-8	n-Butylbenzene	48	38	8.7	
135-98-8	sec-Butylbenzene	17	38	8.3	J
98-06-6	tert-Butylbenzene	ND	190	9.4	U
95-49-8	o-Chlorotoluene	ND	190	8.5	U
106-43-4	p-Chlorotoluene	ND	190	7.0	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	190	15.	U
87-68-3	Hexachlorobutadiene	ND	190	13.	U
98-82-8	Isopropylbenzene	8.1	38	7.4	J
99-87-6	p-Isopropyltoluene	11	38	7.7	J
91-20-3	Naphthalene	73	190	5.3	J
107-13-1	Acrylonitrile	ND	380	20.	U
103-65-1	n-Propylbenzene	42	38	8.2	
87-61-6	1,2,3-Trichlorobenzene	ND	190	9.6	U
120-82-1	1,2,4-Trichlorobenzene	ND	190	8.2	U
108-67-8	1,3,5-Trimethylbenzene	81	190	6.2	J
95-63-6	1,2,4-Trimethylbenzene	190	190	7.1	
123-91-1	1,4-Dioxane	ND	1500	550	U
105-05-5	p-Diethylbenzene	290	150	150	
622-96-8	p-Ethyltoluene	170	150	9.0	
95-93-2	1,2,4,5-Tetramethylbenzene	94	150	6.0	J
60-29-7	Ethyl ether	ND	190	10.	U
110-57-6	trans-1,4-Dichloro-2-butene	ND	190	15.	U



Form 1 VOA

Client : AEI Consultants
 Project Name : VAZQUEZ
 Lab ID : L1723686-09D
 Client ID : SB9 (5-5.5)
 Sample Location : 4778 BROADWAY, NYC, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260C
 Lab File ID : V04170716A24
 Sample Amount : 5.8 g
 Level : HIGH
 Extract Volume (MeOH) : 5 ml

Lab Number : L1723686
 Project Number : 344060
 Date Collected : 07/11/17 12:30
 Date Received : 07/12/17
 Date Analyzed : 07/16/17 18:02
 Dilution Factor : 50
 Analyst : MV
 Instrument ID : VOA104
 GC Column : RTX-VMS
 %Solids : 89
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	27000	4500	U
75-34-3	1,1-Dichloroethane	ND	4100	740	U
67-66-3	Chloroform	ND	4100	1000	U
56-23-5	Carbon tetrachloride	ND	2700	950	U
78-87-5	1,2-Dichloropropane	ND	9600	630	U
124-48-1	Dibromochloromethane	ND	2700	480	U
79-00-5	1,1,2-Trichloroethane	ND	4100	860	U
127-18-4	Tetrachloroethene	ND	2700	830	U
108-90-7	Chlorobenzene	ND	2700	960	U
75-69-4	Trichlorofluoromethane	ND	14000	1100	U
107-06-2	1,2-Dichloroethane	ND	2700	680	U
71-55-6	1,1,1-Trichloroethane	ND	2700	960	U
75-27-4	Bromodichloromethane	ND	2700	850	U
10061-02-6	trans-1,3-Dichloropropene	ND	2700	570	U
10061-01-5	cis-1,3-Dichloropropene	ND	2700	630	U
542-75-6	1,3-Dichloropropene, Total	ND	2700	570	U
563-58-6	1,1-Dichloropropene	ND	14000	900	U
75-25-2	Bromoform	ND	11000	650	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	2700	820	U
71-43-2	Benzene	1900	2700	530	J
108-88-3	Toluene	64000	4100	540	
100-41-4	Ethylbenzene	96000	2700	470	
74-87-3	Chloromethane	ND	14000	1200	U
74-83-9	Bromomethane	ND	5500	930	U
75-01-4	Vinyl chloride	ND	5500	860	U
75-00-3	Chloroethane	ND	5500	870	U
75-35-4	1,1-Dichloroethene	ND	2700	1000	U



Form 1 VOA

Client : AEI Consultants
 Project Name : VAZQUEZ
 Lab ID : L1723686-09D
 Client ID : SB9 (5-5.5)
 Sample Location : 4778 BROADWAY, NYC, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260C
 Lab File ID : V04170716A24
 Sample Amount : 5.8 g
 Level : HIGH
 Extract Volume (MeOH) : 5 ml

Lab Number : L1723686
 Project Number : 344060
 Date Collected : 07/11/17 12:30
 Date Received : 07/12/17
 Date Analyzed : 07/16/17 18:02
 Dilution Factor : 50
 Analyst : MV
 Instrument ID : VOA104
 GC Column : RTX-VMS
 %Solids : 89
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	4100	660	U
79-01-6	Trichloroethene	ND	2700	830	U
95-50-1	1,2-Dichlorobenzene	ND	14000	500	U
541-73-1	1,3-Dichlorobenzene	ND	14000	600	U
106-46-7	1,4-Dichlorobenzene	ND	14000	500	U
1634-04-4	Methyl tert butyl ether	ND	5500	420	U
179601-23-1	p/m-Xylene	350000	5500	960	
95-47-6	o-Xylene	110000	5500	930	
1330-20-7	Xylenes, Total	460000	5500	930	
156-59-2	cis-1,2-Dichloroethene	ND	2700	940	U
540-59-0	1,2-Dichloroethene, Total	ND	2700	660	U
74-95-3	Dibromomethane	ND	27000	660	U
100-42-5	Styrene	ND	5500	1100	U
75-71-8	Dichlorodifluoromethane	ND	27000	1400	U
67-64-1	Acetone	ND	27000	6300	U
75-15-0	Carbon disulfide	ND	27000	3000	U
78-93-3	2-Butanone	ND	27000	1900	U
108-05-4	Vinyl acetate	ND	27000	420	U
108-10-1	4-Methyl-2-pentanone	ND	27000	670	U
96-18-4	1,2,3-Trichloropropane	ND	27000	490	U
591-78-6	2-Hexanone	ND	27000	1800	U
74-97-5	Bromochloromethane	ND	14000	980	U
594-20-7	2,2-Dichloropropane	ND	14000	1200	U
106-93-4	1,2-Dibromoethane	ND	11000	550	U
142-28-9	1,3-Dichloropropane	ND	14000	500	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	2700	870	U
108-86-1	Bromobenzene	ND	14000	600	U



Form 1 VOA

Client : AEI Consultants
 Project Name : VAZQUEZ
 Lab ID : L1723686-09D
 Client ID : SB9 (5-5.5)
 Sample Location : 4778 BROADWAY, NYC, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260C
 Lab File ID : V04170716A24
 Sample Amount : 5.8 g
 Level : HIGH
 Extract Volume (MeOH) : 5 ml

Lab Number : L1723686
 Project Number : 344060
 Date Collected : 07/11/17 12:30
 Date Received : 07/12/17
 Date Analyzed : 07/16/17 18:02
 Dilution Factor : 50
 Analyst : MV
 Instrument ID : VOA104
 GC Column : RTX-VMS
 %Solids : 89
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
104-51-8	n-Butylbenzene	6600	2700	630	
135-98-8	sec-Butylbenzene	4000	2700	600	
98-06-6	tert-Butylbenzene	ND	14000	680	U
95-49-8	o-Chlorotoluene	ND	14000	610	U
106-43-4	p-Chlorotoluene	ND	14000	500	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	14000	1100	U
87-68-3	Hexachlorobutadiene	ND	14000	960	U
98-82-8	Isopropylbenzene	8600	2700	530	
99-87-6	p-Isopropyltoluene	3200	2700	560	
91-20-3	Naphthalene	11000	14000	380	J
107-13-1	Acrylonitrile	ND	27000	1400	U
103-65-1	n-Propylbenzene	30000	2700	590	
87-61-6	1,2,3-Trichlorobenzene	ND	14000	690	U
120-82-1	1,2,4-Trichlorobenzene	ND	14000	590	U
108-67-8	1,3,5-Trimethylbenzene	59000	14000	440	
95-63-6	1,2,4-Trimethylbenzene	180000	14000	510	
123-91-1	1,4-Dioxane	ND	110000	40000	U
105-05-5	p-Diethylbenzene	44000	11000	11000	
622-96-8	p-Ethyltoluene	160000	11000	640	
95-93-2	1,2,4,5-Tetramethylbenzene	9300	11000	430	J
60-29-7	Ethyl ether	ND	14000	710	U
110-57-6	trans-1,4-Dichloro-2-butene	ND	14000	1100	U



Form 1 VOA

Client : AEI Consultants
 Project Name : VAZQUEZ
 Lab ID : L1723686-11
 Client ID : SB10 (2-2.5)
 Sample Location : 4778 BROADWAY, NYC, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260C
 Lab File ID : V17170716A22
 Sample Amount : 6.3 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L1723686
 Project Number : 344060
 Date Collected : 07/11/17 13:00
 Date Received : 07/12/17
 Date Analyzed : 07/16/17 17:06
 Dilution Factor : 1
 Analyst : MV
 Instrument ID : VOA117
 GC Column : RTX-VMS
 %Solids : 94
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	8.4	1.4	U
75-34-3	1,1-Dichloroethane	ND	1.3	0.23	U
67-66-3	Chloroform	ND	1.3	0.31	U
56-23-5	Carbon tetrachloride	ND	0.84	0.29	U
78-87-5	1,2-Dichloropropane	ND	3.0	0.19	U
124-48-1	Dibromochloromethane	ND	0.84	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.3	0.26	U
127-18-4	Tetrachloroethene	ND	0.84	0.26	U
108-90-7	Chlorobenzene	ND	0.84	0.29	U
75-69-4	Trichlorofluoromethane	ND	4.2	0.35	U
107-06-2	1,2-Dichloroethane	ND	0.84	0.21	U
71-55-6	1,1,1-Trichloroethane	ND	0.84	0.30	U
75-27-4	Bromodichloromethane	ND	0.84	0.26	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.84	0.18	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.84	0.20	U
542-75-6	1,3-Dichloropropene, Total	ND	0.84	0.18	U
563-58-6	1,1-Dichloropropene	ND	4.2	0.28	U
75-25-2	Bromoform	ND	3.4	0.20	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.84	0.25	U
71-43-2	Benzene	0.19	0.84	0.16	J
108-88-3	Toluene	0.55	1.3	0.16	J
100-41-4	Ethylbenzene	0.31	0.84	0.14	J
74-87-3	Chloromethane	ND	4.2	0.37	U
74-83-9	Bromomethane	ND	1.7	0.28	U
75-01-4	Vinyl chloride	ND	1.7	0.27	U
75-00-3	Chloroethane	ND	1.7	0.27	U
75-35-4	1,1-Dichloroethene	ND	0.84	0.31	U



Form 1 VOA

Client : AEI Consultants
 Project Name : VAZQUEZ
 Lab ID : L1723686-11
 Client ID : SB10 (2-2.5)
 Sample Location : 4778 BROADWAY, NYC, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260C
 Lab File ID : V17170716A22
 Sample Amount : 6.3 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L1723686
 Project Number : 344060
 Date Collected : 07/11/17 13:00
 Date Received : 07/12/17
 Date Analyzed : 07/16/17 17:06
 Dilution Factor : 1
 Analyst : MV
 Instrument ID : VOA117
 GC Column : RTX-VMS
 %Solids : 94
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	1.3	0.20	U
79-01-6	Trichloroethene	ND	0.84	0.26	U
95-50-1	1,2-Dichlorobenzene	ND	4.2	0.15	U
541-73-1	1,3-Dichlorobenzene	ND	4.2	0.18	U
106-46-7	1,4-Dichlorobenzene	ND	4.2	0.15	U
1634-04-4	Methyl tert butyl ether	ND	1.7	0.13	U
179601-23-1	p/m-Xylene	0.86	1.7	0.30	J
95-47-6	o-Xylene	0.48	1.7	0.28	J
1330-20-7	Xylenes, Total	1.3	1.7	0.28	J
156-59-2	cis-1,2-Dichloroethene	ND	0.84	0.29	U
540-59-0	1,2-Dichloroethene, Total	ND	0.84	0.20	U
74-95-3	Dibromomethane	ND	8.4	0.20	U
100-42-5	Styrene	ND	1.7	0.34	U
75-71-8	Dichlorodifluoromethane	ND	8.4	0.42	U
67-64-1	Acetone	2.7	8.4	1.9	J
75-15-0	Carbon disulfide	ND	8.4	0.93	U
78-93-3	2-Butanone	ND	8.4	0.58	U
108-05-4	Vinyl acetate	ND	8.4	0.13	U
108-10-1	4-Methyl-2-pentanone	ND	8.4	0.21	U
96-18-4	1,2,3-Trichloropropane	ND	8.4	0.15	U
591-78-6	2-Hexanone	ND	8.4	0.56	U
74-97-5	Bromochloromethane	ND	4.2	0.30	U
594-20-7	2,2-Dichloropropane	ND	4.2	0.38	U
106-93-4	1,2-Dibromoethane	ND	3.4	0.17	U
142-28-9	1,3-Dichloropropane	ND	4.2	0.15	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.84	0.27	U
108-86-1	Bromobenzene	ND	4.2	0.18	U



Form 1 VOA

Client : AEI Consultants
 Project Name : VAZQUEZ
 Lab ID : L1723686-11
 Client ID : SB10 (2-2.5)
 Sample Location : 4778 BROADWAY, NYC, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260C
 Lab File ID : V17170716A22
 Sample Amount : 6.3 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L1723686
 Project Number : 344060
 Date Collected : 07/11/17 13:00
 Date Received : 07/12/17
 Date Analyzed : 07/16/17 17:06
 Dilution Factor : 1
 Analyst : MV
 Instrument ID : VOA117
 GC Column : RTX-VMS
 %Solids : 94
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
104-51-8	n-Butylbenzene	0.30	0.84	0.19	J
135-98-8	sec-Butylbenzene	0.20	0.84	0.18	J
98-06-6	tert-Butylbenzene	ND	4.2	0.21	U
95-49-8	o-Chlorotoluene	ND	4.2	0.19	U
106-43-4	p-Chlorotoluene	ND	4.2	0.15	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	4.2	0.33	U
87-68-3	Hexachlorobutadiene	ND	4.2	0.29	U
98-82-8	Isopropylbenzene	0.20	0.84	0.16	J
99-87-6	p-Isopropyltoluene	ND	0.84	0.17	U
91-20-3	Naphthalene	0.65	4.2	0.12	J
107-13-1	Acrylonitrile	ND	8.4	0.43	U
103-65-1	n-Propylbenzene	0.68	0.84	0.18	J
87-61-6	1,2,3-Trichlorobenzene	ND	4.2	0.21	U
120-82-1	1,2,4-Trichlorobenzene	ND	4.2	0.18	U
108-67-8	1,3,5-Trimethylbenzene	0.70	4.2	0.14	J
95-63-6	1,2,4-Trimethylbenzene	5.8	4.2	0.16	
123-91-1	1,4-Dioxane	ND	34	12.	U
105-05-5	p-Diethylbenzene	ND	3.4	3.4	U
622-96-8	p-Ethyltoluene	2.4	3.4	0.20	J
95-93-2	1,2,4,5-Tetramethylbenzene	2.5	3.4	0.13	J
60-29-7	Ethyl ether	ND	4.2	0.22	U
110-57-6	trans-1,4-Dichloro-2-butene	ND	4.2	0.33	U



Form 1 VOA

Client : AEI Consultants
 Project Name : VAZQUEZ
 Lab ID : L1723686-12
 Client ID : SB10 (7.5-8)
 Sample Location : 4778 BROADWAY, NYC, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260C
 Lab File ID : V17170716A23
 Sample Amount : 6.9 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L1723686
 Project Number : 344060
 Date Collected : 07/11/17 13:05
 Date Received : 07/12/17
 Date Analyzed : 07/16/17 17:32
 Dilution Factor : 1
 Analyst : MV
 Instrument ID : VOA117
 GC Column : RTX-VMS
 %Solids : 90
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	8.0	1.3	U
75-34-3	1,1-Dichloroethane	ND	1.2	0.22	U
67-66-3	Chloroform	ND	1.2	0.30	U
56-23-5	Carbon tetrachloride	ND	0.80	0.28	U
78-87-5	1,2-Dichloropropane	ND	2.8	0.18	U
124-48-1	Dibromochloromethane	ND	0.80	0.14	U
79-00-5	1,1,2-Trichloroethane	ND	1.2	0.25	U
127-18-4	Tetrachloroethene	ND	0.80	0.24	U
108-90-7	Chlorobenzene	ND	0.80	0.28	U
75-69-4	Trichlorofluoromethane	ND	4.0	0.34	U
107-06-2	1,2-Dichloroethane	ND	0.80	0.20	U
71-55-6	1,1,1-Trichloroethane	ND	0.80	0.28	U
75-27-4	Bromodichloromethane	ND	0.80	0.25	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.80	0.17	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.80	0.18	U
542-75-6	1,3-Dichloropropene, Total	ND	0.80	0.17	U
563-58-6	1,1-Dichloropropene	ND	4.0	0.26	U
75-25-2	Bromoform	ND	3.2	0.19	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.80	0.24	U
71-43-2	Benzene	1.7	0.80	0.16	
108-88-3	Toluene	3.8	1.2	0.16	
100-41-4	Ethylbenzene	0.41	0.80	0.14	J
74-87-3	Chloromethane	ND	4.0	0.35	U
74-83-9	Bromomethane	ND	1.6	0.27	U
75-01-4	Vinyl chloride	ND	1.6	0.25	U
75-00-3	Chloroethane	ND	1.6	0.25	U
75-35-4	1,1-Dichloroethene	ND	0.80	0.30	U



Form 1 VOA

Client : AEI Consultants
 Project Name : VAZQUEZ
 Lab ID : L1723686-12
 Client ID : SB10 (7.5-8)
 Sample Location : 4778 BROADWAY, NYC, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260C
 Lab File ID : V17170716A23
 Sample Amount : 6.9 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L1723686
 Project Number : 344060
 Date Collected : 07/11/17 13:05
 Date Received : 07/12/17
 Date Analyzed : 07/16/17 17:32
 Dilution Factor : 1
 Analyst : MV
 Instrument ID : VOA117
 GC Column : RTX-VMS
 %Solids : 90
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	1.2	0.19	U
79-01-6	Trichloroethene	ND	0.80	0.24	U
95-50-1	1,2-Dichlorobenzene	ND	4.0	0.15	U
541-73-1	1,3-Dichlorobenzene	ND	4.0	0.18	U
106-46-7	1,4-Dichlorobenzene	ND	4.0	0.15	U
1634-04-4	Methyl tert butyl ether	0.25	1.6	0.12	J
179601-23-1	p/m-Xylene	9.8	1.6	0.28	
95-47-6	o-Xylene	6.6	1.6	0.27	
1330-20-7	Xylenes, Total	16	1.6	0.27	
156-59-2	cis-1,2-Dichloroethene	ND	0.80	0.28	U
540-59-0	1,2-Dichloroethene, Total	ND	0.80	0.19	U
74-95-3	Dibromomethane	ND	8.0	0.19	U
100-42-5	Styrene	ND	1.6	0.32	U
75-71-8	Dichlorodifluoromethane	ND	8.0	0.40	U
67-64-1	Acetone	34	8.0	1.8	
75-15-0	Carbon disulfide	0.91	8.0	0.88	J
78-93-3	2-Butanone	5.4	8.0	0.56	J
108-05-4	Vinyl acetate	ND	8.0	0.12	U
108-10-1	4-Methyl-2-pentanone	ND	8.0	0.20	U
96-18-4	1,2,3-Trichloropropane	ND	8.0	0.14	U
591-78-6	2-Hexanone	ND	8.0	0.54	U
74-97-5	Bromochloromethane	ND	4.0	0.29	U
594-20-7	2,2-Dichloropropane	ND	4.0	0.36	U
106-93-4	1,2-Dibromoethane	ND	3.2	0.16	U
142-28-9	1,3-Dichloropropane	ND	4.0	0.15	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.80	0.26	U
108-86-1	Bromobenzene	ND	4.0	0.18	U



Form 1 VOA

Client : AEI Consultants
 Project Name : VAZQUEZ
 Lab ID : L1723686-12
 Client ID : SB10 (7.5-8)
 Sample Location : 4778 BROADWAY, NYC, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260C
 Lab File ID : V17170716A23
 Sample Amount : 6.9 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L1723686
 Project Number : 344060
 Date Collected : 07/11/17 13:05
 Date Received : 07/12/17
 Date Analyzed : 07/16/17 17:32
 Dilution Factor : 1
 Analyst : MV
 Instrument ID : VOA117
 GC Column : RTX-VMS
 %Solids : 90
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
104-51-8	n-Butylbenzene	ND	0.80	0.18	U
135-98-8	sec-Butylbenzene	ND	0.80	0.17	U
98-06-6	tert-Butylbenzene	ND	4.0	0.20	U
95-49-8	o-Chlorotoluene	ND	4.0	0.18	U
106-43-4	p-Chlorotoluene	ND	4.0	0.15	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	4.0	0.32	U
87-68-3	Hexachlorobutadiene	ND	4.0	0.28	U
98-82-8	Isopropylbenzene	ND	0.80	0.16	U
99-87-6	p-Isopropyltoluene	ND	0.80	0.16	U
91-20-3	Naphthalene	0.55	4.0	0.11	J
107-13-1	Acrylonitrile	ND	8.0	0.41	U
103-65-1	n-Propylbenzene	ND	0.80	0.17	U
87-61-6	1,2,3-Trichlorobenzene	ND	4.0	0.20	U
120-82-1	1,2,4-Trichlorobenzene	ND	4.0	0.17	U
108-67-8	1,3,5-Trimethylbenzene	2.5	4.0	0.13	J
95-63-6	1,2,4-Trimethylbenzene	2.0	4.0	0.15	J
123-91-1	1,4-Dioxane	ND	32	12.	U
105-05-5	p-Diethylbenzene	ND	3.2	3.2	U
622-96-8	p-Ethyltoluene	1.4	3.2	0.19	J
95-93-2	1,2,4,5-Tetramethylbenzene	4.2	3.2	0.12	
60-29-7	Ethyl ether	ND	4.0	0.21	U
110-57-6	trans-1,4-Dichloro-2-butene	ND	4.0	0.32	U



Form 1 VOA

Client : AEI Consultants
 Project Name : VAZQUEZ
 Lab ID : L1723686-13D
 Client ID : SB11 (13.5-14)
 Sample Location : 4778 BROADWAY, NYC, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260C
 Lab File ID : V04170716A25
 Sample Amount : 8.9 g
 Level : HIGH
 Extract Volume (MeOH) : 5 ml

Lab Number : L1723686
 Project Number : 344060
 Date Collected : 07/11/17 13:30
 Date Received : 07/12/17
 Date Analyzed : 07/16/17 18:29
 Dilution Factor : 20
 Analyst : MV
 Instrument ID : VOA104
 GC Column : RTX-VMS
 %Solids : 81
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	9400	1500	U
75-34-3	1,1-Dichloroethane	ND	1400	250	U
67-66-3	Chloroform	ND	1400	350	U
56-23-5	Carbon tetrachloride	ND	940	320	U
78-87-5	1,2-Dichloropropane	ND	3300	210	U
124-48-1	Dibromochloromethane	ND	940	160	U
79-00-5	1,1,2-Trichloroethane	ND	1400	290	U
127-18-4	Tetrachloroethene	ND	940	280	U
108-90-7	Chlorobenzene	ND	940	330	U
75-69-4	Trichlorofluoromethane	ND	4700	390	U
107-06-2	1,2-Dichloroethane	ND	940	230	U
71-55-6	1,1,1-Trichloroethane	ND	940	330	U
75-27-4	Bromodichloromethane	ND	940	290	U
10061-02-6	trans-1,3-Dichloropropene	ND	940	200	U
10061-01-5	cis-1,3-Dichloropropene	ND	940	220	U
542-75-6	1,3-Dichloropropene, Total	ND	940	200	U
563-58-6	1,1-Dichloropropene	ND	4700	310	U
75-25-2	Bromoform	ND	3800	220	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	940	280	U
71-43-2	Benzene	320	940	180	J
108-88-3	Toluene	ND	1400	180	U
100-41-4	Ethylbenzene	2600	940	160	
74-87-3	Chloromethane	ND	4700	410	U
74-83-9	Bromomethane	ND	1900	320	U
75-01-4	Vinyl chloride	ND	1900	300	U
75-00-3	Chloroethane	ND	1900	300	U
75-35-4	1,1-Dichloroethene	ND	940	350	U



Form 1 VOA

Client : AEI Consultants
 Project Name : VAZQUEZ
 Lab ID : L1723686-13D
 Client ID : SB11 (13.5-14)
 Sample Location : 4778 BROADWAY, NYC, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260C
 Lab File ID : V04170716A25
 Sample Amount : 8.9 g
 Level : HIGH
 Extract Volume (MeOH) : 5 ml

Lab Number : L1723686
 Project Number : 344060
 Date Collected : 07/11/17 13:30
 Date Received : 07/12/17
 Date Analyzed : 07/16/17 18:29
 Dilution Factor : 20
 Analyst : MV
 Instrument ID : VOA104
 GC Column : RTX-VMS
 %Solids : 81
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	1400	220	U
79-01-6	Trichloroethene	ND	940	280	U
95-50-1	1,2-Dichlorobenzene	ND	4700	170	U
541-73-1	1,3-Dichlorobenzene	ND	4700	200	U
106-46-7	1,4-Dichlorobenzene	ND	4700	170	U
1634-04-4	Methyl tert butyl ether	ND	1900	140	U
179601-23-1	p/m-Xylene	1800	1900	330	J
95-47-6	o-Xylene	400	1900	320	J
1330-20-7	Xylenes, Total	2200	1900	320	J
156-59-2	cis-1,2-Dichloroethene	ND	940	320	U
540-59-0	1,2-Dichloroethene, Total	ND	940	220	U
74-95-3	Dibromomethane	ND	9400	220	U
100-42-5	Styrene	ND	1900	380	U
75-71-8	Dichlorodifluoromethane	ND	9400	470	U
67-64-1	Acetone	ND	9400	2100	U
75-15-0	Carbon disulfide	ND	9400	1000	U
78-93-3	2-Butanone	ND	9400	650	U
108-05-4	Vinyl acetate	ND	9400	140	U
108-10-1	4-Methyl-2-pentanone	ND	9400	230	U
96-18-4	1,2,3-Trichloropropane	ND	9400	160	U
591-78-6	2-Hexanone	ND	9400	620	U
74-97-5	Bromochloromethane	ND	4700	330	U
594-20-7	2,2-Dichloropropane	ND	4700	420	U
106-93-4	1,2-Dibromoethane	ND	3800	190	U
142-28-9	1,3-Dichloropropane	ND	4700	170	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	940	300	U
108-86-1	Bromobenzene	ND	4700	200	U



Form 1 VOA

Client : AEI Consultants
 Project Name : VAZQUEZ
 Lab ID : L1723686-13D
 Client ID : SB11 (13.5-14)
 Sample Location : 4778 BROADWAY, NYC, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260C
 Lab File ID : V04170716A25
 Sample Amount : 8.9 g
 Level : HIGH
 Extract Volume (MeOH) : 5 ml

Lab Number : L1723686
 Project Number : 344060
 Date Collected : 07/11/17 13:30
 Date Received : 07/12/17
 Date Analyzed : 07/16/17 18:29
 Dilution Factor : 20
 Analyst : MV
 Instrument ID : VOA104
 GC Column : RTX-VMS
 %Solids : 81
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
104-51-8	n-Butylbenzene	4600	940	210	
135-98-8	sec-Butylbenzene	3500	940	200	
98-06-6	tert-Butylbenzene	ND	4700	230	U
95-49-8	o-Chlorotoluene	ND	4700	210	U
106-43-4	p-Chlorotoluene	ND	4700	170	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	4700	370	U
87-68-3	Hexachlorobutadiene	ND	4700	330	U
98-82-8	Isopropylbenzene	2500	940	180	
99-87-6	p-Isopropyltoluene	1700	940	190	
91-20-3	Naphthalene	1100	4700	130	J
107-13-1	Acrylonitrile	ND	9400	480	U
103-65-1	n-Propylbenzene	9800	940	200	
87-61-6	1,2,3-Trichlorobenzene	ND	4700	240	U
120-82-1	1,2,4-Trichlorobenzene	ND	4700	200	U
108-67-8	1,3,5-Trimethylbenzene	670	4700	150	J
95-63-6	1,2,4-Trimethylbenzene	12000	4700	170	
123-91-1	1,4-Dioxane	ND	38000	14000	U
105-05-5	p-Diethylbenzene	8000	3800	3800	
622-96-8	p-Ethyltoluene	6900	3800	220	
95-93-2	1,2,4,5-Tetramethylbenzene	17000	3800	150	
60-29-7	Ethyl ether	ND	4700	240	U
110-57-6	trans-1,4-Dichloro-2-butene	ND	4700	370	U



Form 1 VOA

Client : AEI Consultants
 Project Name : VAZQUEZ
 Lab ID : L1723686-14
 Client ID : SB11 (16-16.5)
 Sample Location : 4778 BROADWAY, NYC, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260C
 Lab File ID : V17170716A24
 Sample Amount : 11.7 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L1723686
 Project Number : 344060
 Date Collected : 07/11/17 13:35
 Date Received : 07/12/17
 Date Analyzed : 07/16/17 17:58
 Dilution Factor : 1
 Analyst : MV
 Instrument ID : VOA117
 GC Column : RTX-VMS
 %Solids : 81
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	5.2	0.87	U
75-34-3	1,1-Dichloroethane	ND	0.79	0.14	U
67-66-3	Chloroform	ND	0.79	0.19	U
56-23-5	Carbon tetrachloride	ND	0.52	0.18	U
78-87-5	1,2-Dichloropropane	ND	1.8	0.12	U
124-48-1	Dibromochloromethane	ND	0.52	0.09	U
79-00-5	1,1,2-Trichloroethane	ND	0.79	0.16	U
127-18-4	Tetrachloroethene	ND	0.52	0.16	U
108-90-7	Chlorobenzene	ND	0.52	0.18	U
75-69-4	Trichlorofluoromethane	ND	2.6	0.22	U
107-06-2	1,2-Dichloroethane	ND	0.52	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	0.52	0.18	U
75-27-4	Bromodichloromethane	ND	0.52	0.16	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.52	0.11	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.52	0.12	U
542-75-6	1,3-Dichloropropene, Total	ND	0.52	0.11	U
563-58-6	1,1-Dichloropropene	ND	2.6	0.17	U
75-25-2	Bromoform	ND	2.1	0.12	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.52	0.16	U
71-43-2	Benzene	33	0.52	0.10	
108-88-3	Toluene	54	0.79	0.10	
100-41-4	Ethylbenzene	25	0.52	0.09	
74-87-3	Chloromethane	ND	2.6	0.23	U
74-83-9	Bromomethane	ND	1.0	0.18	U
75-01-4	Vinyl chloride	ND	1.0	0.16	U
75-00-3	Chloroethane	ND	1.0	0.16	U
75-35-4	1,1-Dichloroethene	ND	0.52	0.20	U



Form 1 VOA

Client : AEI Consultants
 Project Name : VAZQUEZ
 Lab ID : L1723686-14
 Client ID : SB11 (16-16.5)
 Sample Location : 4778 BROADWAY, NYC, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260C
 Lab File ID : V17170716A24
 Sample Amount : 11.7 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L1723686
 Project Number : 344060
 Date Collected : 07/11/17 13:35
 Date Received : 07/12/17
 Date Analyzed : 07/16/17 17:58
 Dilution Factor : 1
 Analyst : MV
 Instrument ID : VOA117
 GC Column : RTX-VMS
 %Solids : 81
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	0.79	0.13	U
79-01-6	Trichloroethene	ND	0.52	0.16	U
95-50-1	1,2-Dichlorobenzene	ND	2.6	0.10	U
541-73-1	1,3-Dichlorobenzene	ND	2.6	0.11	U
106-46-7	1,4-Dichlorobenzene	ND	2.6	0.10	U
1634-04-4	Methyl tert butyl ether	1.3	1.0	0.08	
179601-23-1	p/m-Xylene	52	1.0	0.18	
95-47-6	o-Xylene	19	1.0	0.18	
1330-20-7	Xylenes, Total	71	1.0	0.18	
156-59-2	cis-1,2-Dichloroethene	ND	0.52	0.18	U
540-59-0	1,2-Dichloroethene, Total	ND	0.52	0.13	U
74-95-3	Dibromomethane	ND	5.2	0.12	U
100-42-5	Styrene	ND	1.0	0.21	U
75-71-8	Dichlorodifluoromethane	ND	5.2	0.26	U
67-64-1	Acetone	ND	5.2	1.2	U
75-15-0	Carbon disulfide	2.1	5.2	0.58	J
78-93-3	2-Butanone	ND	5.2	0.36	U
108-05-4	Vinyl acetate	ND	5.2	0.08	U
108-10-1	4-Methyl-2-pentanone	ND	5.2	0.13	U
96-18-4	1,2,3-Trichloropropane	ND	5.2	0.09	U
591-78-6	2-Hexanone	ND	5.2	0.35	U
74-97-5	Bromochloromethane	ND	2.6	0.19	U
594-20-7	2,2-Dichloropropane	ND	2.6	0.24	U
106-93-4	1,2-Dibromoethane	ND	2.1	0.10	U
142-28-9	1,3-Dichloropropane	ND	2.6	0.10	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.52	0.17	U
108-86-1	Bromobenzene	ND	2.6	0.11	U



Form 1 VOA

Client : AEI Consultants
 Project Name : VAZQUEZ
 Lab ID : L1723686-14
 Client ID : SB11 (16-16.5)
 Sample Location : 4778 BROADWAY, NYC, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260C
 Lab File ID : V17170716A24
 Sample Amount : 11.7 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L1723686
 Project Number : 344060
 Date Collected : 07/11/17 13:35
 Date Received : 07/12/17
 Date Analyzed : 07/16/17 17:58
 Dilution Factor : 1
 Analyst : MV
 Instrument ID : VOA117
 GC Column : RTX-VMS
 %Solids : 81
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
104-51-8	n-Butylbenzene	12	0.52	0.12	
135-98-8	sec-Butylbenzene	13	0.52	0.11	
98-06-6	tert-Butylbenzene	0.69	2.6	0.13	J
95-49-8	o-Chlorotoluene	ND	2.6	0.12	U
106-43-4	p-Chlorotoluene	ND	2.6	0.10	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.6	0.21	U
87-68-3	Hexachlorobutadiene	ND	2.6	0.18	U
98-82-8	Isopropylbenzene	14	0.52	0.10	
99-87-6	p-Isopropyltoluene	4.8	0.52	0.11	
91-20-3	Naphthalene	5.0	2.6	0.07	
107-13-1	Acrylonitrile	ND	5.2	0.27	U
103-65-1	n-Propylbenzene	39	0.52	0.11	
87-61-6	1,2,3-Trichlorobenzene	ND	2.6	0.13	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.6	0.11	U
108-67-8	1,3,5-Trimethylbenzene	9.2	2.6	0.08	
95-63-6	1,2,4-Trimethylbenzene	53	2.6	0.10	
123-91-1	1,4-Dioxane	ND	21	7.6	U
105-05-5	p-Diethylbenzene	31	2.1	2.1	
622-96-8	p-Ethyltoluene	42	2.1	0.12	
95-93-2	1,2,4,5-Tetramethylbenzene	66	2.1	0.08	
60-29-7	Ethyl ether	ND	2.6	0.14	U
110-57-6	trans-1,4-Dichloro-2-butene	ND	2.6	0.20	U



Form 1 VOA

Client : AEI Consultants
 Project Name : VAZQUEZ
 Lab ID : L1723686-15
 Client ID : SB12 (17-17.5)
 Sample Location : 4778 BROADWAY, NYC, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260C
 Lab File ID : V17170716A25
 Sample Amount : 5.5 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L1723686
 Project Number : 344060
 Date Collected : 07/11/17 13:50
 Date Received : 07/12/17
 Date Analyzed : 07/16/17 18:24
 Dilution Factor : 1
 Analyst : MV
 Instrument ID : VOA117
 GC Column : RTX-VMS
 %Solids : 92
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	9.8	1.6	U
75-34-3	1,1-Dichloroethane	ND	1.5	0.27	U
67-66-3	Chloroform	ND	1.5	0.36	U
56-23-5	Carbon tetrachloride	ND	0.98	0.34	U
78-87-5	1,2-Dichloropropane	ND	3.4	0.22	U
124-48-1	Dibromochloromethane	ND	0.98	0.17	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.31	U
127-18-4	Tetrachloroethene	ND	0.98	0.30	U
108-90-7	Chlorobenzene	ND	0.98	0.34	U
75-69-4	Trichlorofluoromethane	ND	4.9	0.41	U
107-06-2	1,2-Dichloroethane	ND	0.98	0.24	U
71-55-6	1,1,1-Trichloroethane	ND	0.98	0.34	U
75-27-4	Bromodichloromethane	ND	0.98	0.30	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.98	0.20	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.98	0.23	U
542-75-6	1,3-Dichloropropene, Total	ND	0.98	0.20	U
563-58-6	1,1-Dichloropropene	ND	4.9	0.32	U
75-25-2	Bromoform	ND	3.9	0.23	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.98	0.29	U
71-43-2	Benzene	0.21	0.98	0.19	J
108-88-3	Toluene	0.98	1.5	0.19	J
100-41-4	Ethylbenzene	0.33	0.98	0.17	J
74-87-3	Chloromethane	ND	4.9	0.43	U
74-83-9	Bromomethane	ND	2.0	0.33	U
75-01-4	Vinyl chloride	ND	2.0	0.31	U
75-00-3	Chloroethane	ND	2.0	0.31	U
75-35-4	1,1-Dichloroethene	ND	0.98	0.37	U



Form 1 VOA

Client : AEI Consultants
 Project Name : VAZQUEZ
 Lab ID : L1723686-15
 Client ID : SB12 (17-17.5)
 Sample Location : 4778 BROADWAY, NYC, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260C
 Lab File ID : V17170716A25
 Sample Amount : 5.5 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L1723686
 Project Number : 344060
 Date Collected : 07/11/17 13:50
 Date Received : 07/12/17
 Date Analyzed : 07/16/17 18:24
 Dilution Factor : 1
 Analyst : MV
 Instrument ID : VOA117
 GC Column : RTX-VMS
 %Solids : 92
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	1.5	0.24	U
79-01-6	Trichloroethene	ND	0.98	0.30	U
95-50-1	1,2-Dichlorobenzene	ND	4.9	0.18	U
541-73-1	1,3-Dichlorobenzene	ND	4.9	0.21	U
106-46-7	1,4-Dichlorobenzene	ND	4.9	0.18	U
1634-04-4	Methyl tert butyl ether	ND	2.0	0.15	U
179601-23-1	p/m-Xylene	1.4	2.0	0.35	J
95-47-6	o-Xylene	0.91	2.0	0.33	J
1330-20-7	Xylenes, Total	2.3	2.0	0.33	J
156-59-2	cis-1,2-Dichloroethene	ND	0.98	0.34	U
540-59-0	1,2-Dichloroethene, Total	ND	0.98	0.24	U
74-95-3	Dibromomethane	ND	9.8	0.24	U
100-42-5	Styrene	ND	2.0	0.40	U
75-71-8	Dichlorodifluoromethane	ND	9.8	0.49	U
67-64-1	Acetone	6.0	9.8	2.2	J
75-15-0	Carbon disulfide	ND	9.8	1.1	U
78-93-3	2-Butanone	ND	9.8	0.68	U
108-05-4	Vinyl acetate	ND	9.8	0.15	U
108-10-1	4-Methyl-2-pentanone	ND	9.8	0.24	U
96-18-4	1,2,3-Trichloropropane	ND	9.8	0.17	U
591-78-6	2-Hexanone	ND	9.8	0.66	U
74-97-5	Bromochloromethane	ND	4.9	0.35	U
594-20-7	2,2-Dichloropropane	ND	4.9	0.44	U
106-93-4	1,2-Dibromoethane	ND	3.9	0.20	U
142-28-9	1,3-Dichloropropane	ND	4.9	0.18	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.98	0.31	U
108-86-1	Bromobenzene	ND	4.9	0.22	U



Form 1 VOA

Client : AEI Consultants
 Project Name : VAZQUEZ
 Lab ID : L1723686-15
 Client ID : SB12 (17-17.5)
 Sample Location : 4778 BROADWAY, NYC, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260C
 Lab File ID : V17170716A25
 Sample Amount : 5.5 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L1723686
 Project Number : 344060
 Date Collected : 07/11/17 13:50
 Date Received : 07/12/17
 Date Analyzed : 07/16/17 18:24
 Dilution Factor : 1
 Analyst : MV
 Instrument ID : VOA117
 GC Column : RTX-VMS
 %Solids : 92
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
104-51-8	n-Butylbenzene	ND	0.98	0.22	U
135-98-8	sec-Butylbenzene	ND	0.98	0.21	U
98-06-6	tert-Butylbenzene	ND	4.9	0.24	U
95-49-8	o-Chlorotoluene	ND	4.9	0.22	U
106-43-4	p-Chlorotoluene	ND	4.9	0.18	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	4.9	0.39	U
87-68-3	Hexachlorobutadiene	ND	4.9	0.34	U
98-82-8	Isopropylbenzene	ND	0.98	0.19	U
99-87-6	p-Isopropyltoluene	ND	0.98	0.20	U
91-20-3	Naphthalene	0.15	4.9	0.14	J
107-13-1	Acrylonitrile	ND	9.8	0.51	U
103-65-1	n-Propylbenzene	ND	0.98	0.21	U
87-61-6	1,2,3-Trichlorobenzene	ND	4.9	0.25	U
120-82-1	1,2,4-Trichlorobenzene	ND	4.9	0.21	U
108-67-8	1,3,5-Trimethylbenzene	0.44	4.9	0.16	J
95-63-6	1,2,4-Trimethylbenzene	1.2	4.9	0.18	J
123-91-1	1,4-Dioxane	ND	39	14.	U
105-05-5	p-Diethylbenzene	ND	3.9	3.9	U
622-96-8	p-Ethyltoluene	0.82	3.9	0.23	J
95-93-2	1,2,4,5-Tetramethylbenzene	ND	3.9	0.15	U
60-29-7	Ethyl ether	ND	4.9	0.26	U
110-57-6	trans-1,4-Dichloro-2-butene	ND	4.9	0.39	U



Form 1 VOA

Client : AEI Consultants
 Project Name : VAZQUEZ
 Lab ID : L1723686-17D
 Client ID : TWP-SB5
 Sample Location : 4778 BROADWAY, NYC, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260C
 Lab File ID : V01170717A07
 Sample Amount : 0.1 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L1723686
 Project Number : 344060
 Date Collected : 07/11/17 09:00
 Date Received : 07/12/17
 Date Analyzed : 07/17/17 12:30
 Dilution Factor : 100
 Analyst : PD
 Instrument ID : VOA101
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	250	70.	U
75-34-3	1,1-Dichloroethane	ND	250	70.	U
67-66-3	Chloroform	ND	250	70.	U
56-23-5	Carbon tetrachloride	ND	50	13.	U
78-87-5	1,2-Dichloropropane	ND	100	14.	U
124-48-1	Dibromochloromethane	ND	50	15.	U
79-00-5	1,1,2-Trichloroethane	ND	150	50.	U
127-18-4	Tetrachloroethene	ND	50	18.	U
108-90-7	Chlorobenzene	ND	250	70.	U
75-69-4	Trichlorofluoromethane	ND	250	70.	U
107-06-2	1,2-Dichloroethane	ND	50	13.	U
71-55-6	1,1,1-Trichloroethane	ND	250	70.	U
75-27-4	Bromodichloromethane	ND	50	19.	U
10061-02-6	trans-1,3-Dichloropropene	ND	50	16.	U
10061-01-5	cis-1,3-Dichloropropene	ND	50	14.	U
542-75-6	1,3-Dichloropropene, Total	ND	50	14.	U
563-58-6	1,1-Dichloropropene	ND	250	70.	U
75-25-2	Bromoform	ND	200	65.	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	50	17.	U
71-43-2	Benzene	170	50	16.	
108-88-3	Toluene	6200	250	70.	
100-41-4	Ethylbenzene	4000	250	70.	
74-87-3	Chloromethane	ND	250	70.	U
74-83-9	Bromomethane	ND	250	70.	U
75-01-4	Vinyl chloride	ND	100	7.1	U
75-00-3	Chloroethane	ND	250	70.	U
75-35-4	1,1-Dichloroethene	ND	50	17.	U



Form 1 VOA

Client : AEI Consultants
 Project Name : VAZQUEZ
 Lab ID : L1723686-17D
 Client ID : TWP-SB5
 Sample Location : 4778 BROADWAY, NYC, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260C
 Lab File ID : V01170717A07
 Sample Amount : 0.1 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L1723686
 Project Number : 344060
 Date Collected : 07/11/17 09:00
 Date Received : 07/12/17
 Date Analyzed : 07/17/17 12:30
 Dilution Factor : 100
 Analyst : PD
 Instrument ID : VOA101
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	250	70.	U
79-01-6	Trichloroethene	ND	50	18.	U
95-50-1	1,2-Dichlorobenzene	ND	250	70.	U
541-73-1	1,3-Dichlorobenzene	ND	250	70.	U
106-46-7	1,4-Dichlorobenzene	ND	250	70.	U
1634-04-4	Methyl tert butyl ether	ND	250	70.	U
179601-23-1	p/m-Xylene	14000	250	70.	
95-47-6	o-Xylene	3500	250	70.	
1330-20-7	Xylenes, Total	18000	250	70.	
156-59-2	cis-1,2-Dichloroethene	ND	250	70.	U
540-59-0	1,2-Dichloroethene, Total	ND	250	70.	U
74-95-3	Dibromomethane	ND	500	100	U
96-18-4	1,2,3-Trichloropropane	ND	250	70.	U
107-13-1	Acrylonitrile	ND	500	150	U
100-42-5	Styrene	ND	250	70.	U
75-71-8	Dichlorodifluoromethane	ND	500	100	U
67-64-1	Acetone	ND	500	150	U
75-15-0	Carbon disulfide	ND	500	100	U
78-93-3	2-Butanone	ND	500	190	U
108-05-4	Vinyl acetate	ND	500	100	U
108-10-1	4-Methyl-2-pentanone	ND	500	100	U
591-78-6	2-Hexanone	ND	500	100	U
74-97-5	Bromochloromethane	ND	250	70.	U
594-20-7	2,2-Dichloropropane	ND	250	70.	U
106-93-4	1,2-Dibromoethane	ND	200	65.	U
142-28-9	1,3-Dichloropropane	ND	250	70.	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	250	70.	U



Form 1 VOA

Client : AEI Consultants
 Project Name : VAZQUEZ
 Lab ID : L1723686-17D
 Client ID : TWP-SB5
 Sample Location : 4778 BROADWAY, NYC, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260C
 Lab File ID : V01170717A07
 Sample Amount : 0.1 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L1723686
 Project Number : 344060
 Date Collected : 07/11/17 09:00
 Date Received : 07/12/17
 Date Analyzed : 07/17/17 12:30
 Dilution Factor : 100
 Analyst : PD
 Instrument ID : VOA101
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
108-86-1	Bromobenzene	ND	250	70.	U
104-51-8	n-Butylbenzene	ND	250	70.	U
135-98-8	sec-Butylbenzene	ND	250	70.	U
98-06-6	tert-Butylbenzene	ND	250	70.	U
95-49-8	o-Chlorotoluene	ND	250	70.	U
106-43-4	p-Chlorotoluene	ND	250	70.	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	250	70.	U
87-68-3	Hexachlorobutadiene	ND	250	70.	U
98-82-8	Isopropylbenzene	120	250	70.	J
99-87-6	p-Isopropyltoluene	ND	250	70.	U
91-20-3	Naphthalene	440	250	70.	
103-65-1	n-Propylbenzene	280	250	70.	
87-61-6	1,2,3-Trichlorobenzene	ND	250	70.	U
120-82-1	1,2,4-Trichlorobenzene	ND	250	70.	U
108-67-8	1,3,5-Trimethylbenzene	530	250	70.	
95-63-6	1,2,4-Trimethylbenzene	2000	250	70.	
123-91-1	1,4-Dioxane	ND	25000	6100	U
105-05-5	p-Diethylbenzene	ND	200	70.	U
622-96-8	p-Ethyltoluene	1400	200	70.	
95-93-2	1,2,4,5-Tetramethylbenzene	66	200	54.	J
60-29-7	Ethyl ether	ND	250	70.	U
110-57-6	trans-1,4-Dichloro-2-butene	ND	250	70.	U



Form 1 VOA

Client : AEI Consultants
 Project Name : VAZQUEZ
 Lab ID : L1723686-18D
 Client ID : TWP-SB6
 Sample Location : 4778 BROADWAY, NYC, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260C
 Lab File ID : V01170717A09
 Sample Amount : 0.02 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L1723686
 Project Number : 344060
 Date Collected : 07/11/17 09:40
 Date Received : 07/12/17
 Date Analyzed : 07/17/17 13:27
 Dilution Factor : 500
 Analyst : PD
 Instrument ID : VOA101
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	1200	350	U
75-34-3	1,1-Dichloroethane	ND	1200	350	U
67-66-3	Chloroform	ND	1200	350	U
56-23-5	Carbon tetrachloride	ND	250	67.	U
78-87-5	1,2-Dichloropropane	ND	500	68.	U
124-48-1	Dibromochloromethane	ND	250	74.	U
79-00-5	1,1,2-Trichloroethane	ND	750	250	U
127-18-4	Tetrachloroethene	ND	250	90.	U
108-90-7	Chlorobenzene	ND	1200	350	U
75-69-4	Trichlorofluoromethane	ND	1200	350	U
107-06-2	1,2-Dichloroethane	ND	250	66.	U
71-55-6	1,1,1-Trichloroethane	ND	1200	350	U
75-27-4	Bromodichloromethane	ND	250	96.	U
10061-02-6	trans-1,3-Dichloropropene	ND	250	82.	U
10061-01-5	cis-1,3-Dichloropropene	ND	250	72.	U
542-75-6	1,3-Dichloropropene, Total	ND	250	72.	U
563-58-6	1,1-Dichloropropene	ND	1200	350	U
75-25-2	Bromoform	ND	1000	320	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	250	84.	U
71-43-2	Benzene	2300	250	80.	
108-88-3	Toluene	36000	1200	350	
100-41-4	Ethylbenzene	3800	1200	350	
74-87-3	Chloromethane	ND	1200	350	U
74-83-9	Bromomethane	ND	1200	350	U
75-01-4	Vinyl chloride	ND	500	36.	U
75-00-3	Chloroethane	ND	1200	350	U
75-35-4	1,1-Dichloroethene	ND	250	84.	U



Form 1 VOA

Client : AEI Consultants
 Project Name : VAZQUEZ
 Lab ID : L1723686-18D
 Client ID : TWP-SB6
 Sample Location : 4778 BROADWAY, NYC, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260C
 Lab File ID : V01170717A09
 Sample Amount : 0.02 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L1723686
 Project Number : 344060
 Date Collected : 07/11/17 09:40
 Date Received : 07/12/17
 Date Analyzed : 07/17/17 13:27
 Dilution Factor : 500
 Analyst : PD
 Instrument ID : VOA101
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	1200	350	U
79-01-6	Trichloroethene	ND	250	88.	U
95-50-1	1,2-Dichlorobenzene	ND	1200	350	U
541-73-1	1,3-Dichlorobenzene	ND	1200	350	U
106-46-7	1,4-Dichlorobenzene	ND	1200	350	U
1634-04-4	Methyl tert butyl ether	ND	1200	350	U
179601-23-1	p/m-Xylene	13000	1200	350	
95-47-6	o-Xylene	6100	1200	350	
1330-20-7	Xylenes, Total	19000	1200	350	
156-59-2	cis-1,2-Dichloroethene	ND	1200	350	U
540-59-0	1,2-Dichloroethene, Total	ND	1200	350	U
74-95-3	Dibromomethane	ND	2500	500	U
96-18-4	1,2,3-Trichloropropane	ND	1200	350	U
107-13-1	Acrylonitrile	ND	2500	750	U
100-42-5	Styrene	ND	1200	350	U
75-71-8	Dichlorodifluoromethane	ND	2500	500	U
67-64-1	Acetone	ND	2500	730	U
75-15-0	Carbon disulfide	ND	2500	500	U
78-93-3	2-Butanone	ND	2500	970	U
108-05-4	Vinyl acetate	ND	2500	500	U
108-10-1	4-Methyl-2-pentanone	ND	2500	500	U
591-78-6	2-Hexanone	ND	2500	500	U
74-97-5	Bromochloromethane	ND	1200	350	U
594-20-7	2,2-Dichloropropane	ND	1200	350	U
106-93-4	1,2-Dibromoethane	ND	1000	320	U
142-28-9	1,3-Dichloropropane	ND	1200	350	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	1200	350	U



Form 1 VOA

Client : AEI Consultants
 Project Name : VAZQUEZ
 Lab ID : L1723686-18D
 Client ID : TWP-SB6
 Sample Location : 4778 BROADWAY, NYC, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260C
 Lab File ID : V01170717A09
 Sample Amount : 0.02 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L1723686
 Project Number : 344060
 Date Collected : 07/11/17 09:40
 Date Received : 07/12/17
 Date Analyzed : 07/17/17 13:27
 Dilution Factor : 500
 Analyst : PD
 Instrument ID : VOA101
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
108-86-1	Bromobenzene	ND	1200	350	U
104-51-8	n-Butylbenzene	ND	1200	350	U
135-98-8	sec-Butylbenzene	ND	1200	350	U
98-06-6	tert-Butylbenzene	ND	1200	350	U
95-49-8	o-Chlorotoluene	ND	1200	350	U
106-43-4	p-Chlorotoluene	ND	1200	350	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	1200	350	U
87-68-3	Hexachlorobutadiene	ND	1200	350	U
98-82-8	Isopropylbenzene	ND	1200	350	U
99-87-6	p-Isopropyltoluene	ND	1200	350	U
91-20-3	Naphthalene	ND	1200	350	U
103-65-1	n-Propylbenzene	ND	1200	350	U
87-61-6	1,2,3-Trichlorobenzene	ND	1200	350	U
120-82-1	1,2,4-Trichlorobenzene	ND	1200	350	U
108-67-8	1,3,5-Trimethylbenzene	500	1200	350	J
95-63-6	1,2,4-Trimethylbenzene	1700	1200	350	
123-91-1	1,4-Dioxane	ND	120000	30000	U
105-05-5	p-Diethylbenzene	ND	1000	350	U
622-96-8	p-Ethyltoluene	1400	1000	350	
95-93-2	1,2,4,5-Tetramethylbenzene	ND	1000	270	U
60-29-7	Ethyl ether	ND	1200	350	U
110-57-6	trans-1,4-Dichloro-2-butene	ND	1200	350	U



Form 1 VOA

Client : AEI Consultants
 Project Name : VAZQUEZ
 Lab ID : L1723686-19D
 Client ID : TWP-SB7
 Sample Location : 4778 BROADWAY, NYC, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260C
 Lab File ID : V01170717A10
 Sample Amount : 0.02 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L1723686
 Project Number : 344060
 Date Collected : 07/11/17 10:20
 Date Received : 07/12/17
 Date Analyzed : 07/17/17 13:55
 Dilution Factor : 500
 Analyst : PD
 Instrument ID : VOA101
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	1200	350	U
75-34-3	1,1-Dichloroethane	ND	1200	350	U
67-66-3	Chloroform	ND	1200	350	U
56-23-5	Carbon tetrachloride	ND	250	67.	U
78-87-5	1,2-Dichloropropane	ND	500	68.	U
124-48-1	Dibromochloromethane	ND	250	74.	U
79-00-5	1,1,2-Trichloroethane	ND	750	250	U
127-18-4	Tetrachloroethene	ND	250	90.	U
108-90-7	Chlorobenzene	ND	1200	350	U
75-69-4	Trichlorofluoromethane	ND	1200	350	U
107-06-2	1,2-Dichloroethane	ND	250	66.	U
71-55-6	1,1,1-Trichloroethane	ND	1200	350	U
75-27-4	Bromodichloromethane	ND	250	96.	U
10061-02-6	trans-1,3-Dichloropropene	ND	250	82.	U
10061-01-5	cis-1,3-Dichloropropene	ND	250	72.	U
542-75-6	1,3-Dichloropropene, Total	ND	250	72.	U
563-58-6	1,1-Dichloropropene	ND	1200	350	U
75-25-2	Bromoform	ND	1000	320	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	250	84.	U
71-43-2	Benzene	12000	250	80.	
108-88-3	Toluene	33000	1200	350	
100-41-4	Ethylbenzene	3600	1200	350	
74-87-3	Chloromethane	ND	1200	350	U
74-83-9	Bromomethane	ND	1200	350	U
75-01-4	Vinyl chloride	ND	500	36.	U
75-00-3	Chloroethane	ND	1200	350	U
75-35-4	1,1-Dichloroethene	ND	250	84.	U



Form 1 VOA

Client : AEI Consultants
 Project Name : VAZQUEZ
 Lab ID : L1723686-19D
 Client ID : TWP-SB7
 Sample Location : 4778 BROADWAY, NYC, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260C
 Lab File ID : V01170717A10
 Sample Amount : 0.02 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L1723686
 Project Number : 344060
 Date Collected : 07/11/17 10:20
 Date Received : 07/12/17
 Date Analyzed : 07/17/17 13:55
 Dilution Factor : 500
 Analyst : PD
 Instrument ID : VOA101
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	1200	350	U
79-01-6	Trichloroethene	ND	250	88.	U
95-50-1	1,2-Dichlorobenzene	ND	1200	350	U
541-73-1	1,3-Dichlorobenzene	ND	1200	350	U
106-46-7	1,4-Dichlorobenzene	ND	1200	350	U
1634-04-4	Methyl tert butyl ether	ND	1200	350	U
179601-23-1	p/m-Xylene	12000	1200	350	
95-47-6	o-Xylene	5400	1200	350	
1330-20-7	Xylenes, Total	17000	1200	350	
156-59-2	cis-1,2-Dichloroethene	ND	1200	350	U
540-59-0	1,2-Dichloroethene, Total	ND	1200	350	U
74-95-3	Dibromomethane	ND	2500	500	U
96-18-4	1,2,3-Trichloropropane	ND	1200	350	U
107-13-1	Acrylonitrile	ND	2500	750	U
100-42-5	Styrene	ND	1200	350	U
75-71-8	Dichlorodifluoromethane	ND	2500	500	U
67-64-1	Acetone	ND	2500	730	U
75-15-0	Carbon disulfide	ND	2500	500	U
78-93-3	2-Butanone	ND	2500	970	U
108-05-4	Vinyl acetate	ND	2500	500	U
108-10-1	4-Methyl-2-pentanone	ND	2500	500	U
591-78-6	2-Hexanone	ND	2500	500	U
74-97-5	Bromochloromethane	ND	1200	350	U
594-20-7	2,2-Dichloropropane	ND	1200	350	U
106-93-4	1,2-Dibromoethane	ND	1000	320	U
142-28-9	1,3-Dichloropropane	ND	1200	350	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	1200	350	U



Form 1 VOA

Client : AEI Consultants
 Project Name : VAZQUEZ
 Lab ID : L1723686-19D
 Client ID : TWP-SB7
 Sample Location : 4778 BROADWAY, NYC, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260C
 Lab File ID : V01170717A10
 Sample Amount : 0.02 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L1723686
 Project Number : 344060
 Date Collected : 07/11/17 10:20
 Date Received : 07/12/17
 Date Analyzed : 07/17/17 13:55
 Dilution Factor : 500
 Analyst : PD
 Instrument ID : VOA101
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
108-86-1	Bromobenzene	ND	1200	350	U
104-51-8	n-Butylbenzene	ND	1200	350	U
135-98-8	sec-Butylbenzene	ND	1200	350	U
98-06-6	tert-Butylbenzene	ND	1200	350	U
95-49-8	o-Chlorotoluene	ND	1200	350	U
106-43-4	p-Chlorotoluene	ND	1200	350	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	1200	350	U
87-68-3	Hexachlorobutadiene	ND	1200	350	U
98-82-8	Isopropylbenzene	ND	1200	350	U
99-87-6	p-Isopropyltoluene	ND	1200	350	U
91-20-3	Naphthalene	ND	1200	350	U
103-65-1	n-Propylbenzene	ND	1200	350	U
87-61-6	1,2,3-Trichlorobenzene	ND	1200	350	U
120-82-1	1,2,4-Trichlorobenzene	ND	1200	350	U
108-67-8	1,3,5-Trimethylbenzene	380	1200	350	J
95-63-6	1,2,4-Trimethylbenzene	1400	1200	350	
123-91-1	1,4-Dioxane	ND	120000	30000	U
105-05-5	p-Diethylbenzene	ND	1000	350	U
622-96-8	p-Ethyltoluene	1200	1000	350	
95-93-2	1,2,4,5-Tetramethylbenzene	ND	1000	270	U
60-29-7	Ethyl ether	ND	1200	350	U
110-57-6	trans-1,4-Dichloro-2-butene	ND	1200	350	U



Form 1 VOA

Client : AEI Consultants
 Project Name : VAZQUEZ
 Lab ID : L1723686-20D
 Client ID : TWP-SB8
 Sample Location : 4778 BROADWAY, NYC, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260C
 Lab File ID : V01170717A11
 Sample Amount : 0.02 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L1723686
 Project Number : 344060
 Date Collected : 07/11/17 11:00
 Date Received : 07/12/17
 Date Analyzed : 07/17/17 14:24
 Dilution Factor : 500
 Analyst : PD
 Instrument ID : VOA101
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	1200	350	U
75-34-3	1,1-Dichloroethane	ND	1200	350	U
67-66-3	Chloroform	ND	1200	350	U
56-23-5	Carbon tetrachloride	ND	250	67.	U
78-87-5	1,2-Dichloropropane	ND	500	68.	U
124-48-1	Dibromochloromethane	ND	250	74.	U
79-00-5	1,1,2-Trichloroethane	ND	750	250	U
127-18-4	Tetrachloroethene	ND	250	90.	U
108-90-7	Chlorobenzene	ND	1200	350	U
75-69-4	Trichlorofluoromethane	ND	1200	350	U
107-06-2	1,2-Dichloroethane	ND	250	66.	U
71-55-6	1,1,1-Trichloroethane	ND	1200	350	U
75-27-4	Bromodichloromethane	ND	250	96.	U
10061-02-6	trans-1,3-Dichloropropene	ND	250	82.	U
10061-01-5	cis-1,3-Dichloropropene	ND	250	72.	U
542-75-6	1,3-Dichloropropene, Total	ND	250	72.	U
563-58-6	1,1-Dichloropropene	ND	1200	350	U
75-25-2	Bromoform	ND	1000	320	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	250	84.	U
71-43-2	Benzene	1800	250	80.	
108-88-3	Toluene	30000	1200	350	
100-41-4	Ethylbenzene	5300	1200	350	
74-87-3	Chloromethane	ND	1200	350	U
74-83-9	Bromomethane	ND	1200	350	U
75-01-4	Vinyl chloride	ND	500	36.	U
75-00-3	Chloroethane	ND	1200	350	U
75-35-4	1,1-Dichloroethene	ND	250	84.	U



Form 1 VOA

Client : AEI Consultants
 Project Name : VAZQUEZ
 Lab ID : L1723686-20D
 Client ID : TWP-SB8
 Sample Location : 4778 BROADWAY, NYC, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260C
 Lab File ID : V01170717A11
 Sample Amount : 0.02 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L1723686
 Project Number : 344060
 Date Collected : 07/11/17 11:00
 Date Received : 07/12/17
 Date Analyzed : 07/17/17 14:24
 Dilution Factor : 500
 Analyst : PD
 Instrument ID : VOA101
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	1200	350	U
79-01-6	Trichloroethene	ND	250	88.	U
95-50-1	1,2-Dichlorobenzene	ND	1200	350	U
541-73-1	1,3-Dichlorobenzene	ND	1200	350	U
106-46-7	1,4-Dichlorobenzene	ND	1200	350	U
1634-04-4	Methyl tert butyl ether	ND	1200	350	U
179601-23-1	p/m-Xylene	19000	1200	350	
95-47-6	o-Xylene	8500	1200	350	
1330-20-7	Xylenes, Total	28000	1200	350	
156-59-2	cis-1,2-Dichloroethene	ND	1200	350	U
540-59-0	1,2-Dichloroethene, Total	ND	1200	350	U
74-95-3	Dibromomethane	ND	2500	500	U
96-18-4	1,2,3-Trichloropropane	ND	1200	350	U
107-13-1	Acrylonitrile	ND	2500	750	U
100-42-5	Styrene	ND	1200	350	U
75-71-8	Dichlorodifluoromethane	ND	2500	500	U
67-64-1	Acetone	ND	2500	730	U
75-15-0	Carbon disulfide	ND	2500	500	U
78-93-3	2-Butanone	ND	2500	970	U
108-05-4	Vinyl acetate	ND	2500	500	U
108-10-1	4-Methyl-2-pentanone	ND	2500	500	U
591-78-6	2-Hexanone	ND	2500	500	U
74-97-5	Bromochloromethane	ND	1200	350	U
594-20-7	2,2-Dichloropropane	ND	1200	350	U
106-93-4	1,2-Dibromoethane	ND	1000	320	U
142-28-9	1,3-Dichloropropane	ND	1200	350	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	1200	350	U



Form 1 VOA

Client : AEI Consultants
 Project Name : VAZQUEZ
 Lab ID : L1723686-20D
 Client ID : TWP-SB8
 Sample Location : 4778 BROADWAY, NYC, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260C
 Lab File ID : V01170717A11
 Sample Amount : 0.02 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L1723686
 Project Number : 344060
 Date Collected : 07/11/17 11:00
 Date Received : 07/12/17
 Date Analyzed : 07/17/17 14:24
 Dilution Factor : 500
 Analyst : PD
 Instrument ID : VOA101
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
108-86-1	Bromobenzene	ND	1200	350	U
104-51-8	n-Butylbenzene	ND	1200	350	U
135-98-8	sec-Butylbenzene	ND	1200	350	U
98-06-6	tert-Butylbenzene	ND	1200	350	U
95-49-8	o-Chlorotoluene	ND	1200	350	U
106-43-4	p-Chlorotoluene	ND	1200	350	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	1200	350	U
87-68-3	Hexachlorobutadiene	ND	1200	350	U
98-82-8	Isopropylbenzene	ND	1200	350	U
99-87-6	p-Isopropyltoluene	ND	1200	350	U
91-20-3	Naphthalene	730	1200	350	J
103-65-1	n-Propylbenzene	550	1200	350	J
87-61-6	1,2,3-Trichlorobenzene	ND	1200	350	U
120-82-1	1,2,4-Trichlorobenzene	ND	1200	350	U
108-67-8	1,3,5-Trimethylbenzene	1100	1200	350	J
95-63-6	1,2,4-Trimethylbenzene	4000	1200	350	
123-91-1	1,4-Dioxane	ND	120000	30000	U
105-05-5	p-Diethylbenzene	840	1000	350	J
622-96-8	p-Ethyltoluene	3400	1000	350	
95-93-2	1,2,4,5-Tetramethylbenzene	ND	1000	270	U
60-29-7	Ethyl ether	ND	1200	350	U
110-57-6	trans-1,4-Dichloro-2-butene	ND	1200	350	U



Form 1 VOA

Client : AEI Consultants
 Project Name : VAZQUEZ
 Lab ID : L1723686-21D
 Client ID : TWP-SB9
 Sample Location : 4778 BROADWAY, NYC, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260C
 Lab File ID : V01170717A12
 Sample Amount : 0.04 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L1723686
 Project Number : 344060
 Date Collected : 07/11/17 11:45
 Date Received : 07/12/17
 Date Analyzed : 07/17/17 14:52
 Dilution Factor : 250
 Analyst : PD
 Instrument ID : VOA101
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	620	180	U
75-34-3	1,1-Dichloroethane	ND	620	180	U
67-66-3	Chloroform	ND	620	180	U
56-23-5	Carbon tetrachloride	ND	120	34.	U
78-87-5	1,2-Dichloropropane	ND	250	34.	U
124-48-1	Dibromochloromethane	ND	120	37.	U
79-00-5	1,1,2-Trichloroethane	ND	380	120	U
127-18-4	Tetrachloroethene	ND	120	45.	U
108-90-7	Chlorobenzene	ND	620	180	U
75-69-4	Trichlorofluoromethane	ND	620	180	U
107-06-2	1,2-Dichloroethane	ND	120	33.	U
71-55-6	1,1,1-Trichloroethane	ND	620	180	U
75-27-4	Bromodichloromethane	ND	120	48.	U
10061-02-6	trans-1,3-Dichloropropene	ND	120	41.	U
10061-01-5	cis-1,3-Dichloropropene	ND	120	36.	U
542-75-6	1,3-Dichloropropene, Total	ND	120	36.	U
563-58-6	1,1-Dichloropropene	ND	620	180	U
75-25-2	Bromoform	ND	500	160	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	120	42.	U
71-43-2	Benzene	10000	120	40.	
108-88-3	Toluene	45000	620	180	
100-41-4	Ethylbenzene	5700	620	180	
74-87-3	Chloromethane	ND	620	180	U
74-83-9	Bromomethane	ND	620	180	U
75-01-4	Vinyl chloride	ND	250	18.	U
75-00-3	Chloroethane	ND	620	180	U
75-35-4	1,1-Dichloroethene	ND	120	42.	U



Form 1 VOA

Client : AEI Consultants
 Project Name : VAZQUEZ
 Lab ID : L1723686-21D
 Client ID : TWP-SB9
 Sample Location : 4778 BROADWAY, NYC, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260C
 Lab File ID : V01170717A12
 Sample Amount : 0.04 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L1723686
 Project Number : 344060
 Date Collected : 07/11/17 11:45
 Date Received : 07/12/17
 Date Analyzed : 07/17/17 14:52
 Dilution Factor : 250
 Analyst : PD
 Instrument ID : VOA101
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	620	180	U
79-01-6	Trichloroethene	ND	120	44.	U
95-50-1	1,2-Dichlorobenzene	ND	620	180	U
541-73-1	1,3-Dichlorobenzene	ND	620	180	U
106-46-7	1,4-Dichlorobenzene	ND	620	180	U
1634-04-4	Methyl tert butyl ether	ND	620	180	U
179601-23-1	p/m-Xylene	21000	620	180	
95-47-6	o-Xylene	9600	620	180	
1330-20-7	Xylenes, Total	31000	620	180	
156-59-2	cis-1,2-Dichloroethene	ND	620	180	U
540-59-0	1,2-Dichloroethene, Total	ND	620	180	U
74-95-3	Dibromomethane	ND	1200	250	U
96-18-4	1,2,3-Trichloropropane	ND	620	180	U
107-13-1	Acrylonitrile	ND	1200	380	U
100-42-5	Styrene	ND	620	180	U
75-71-8	Dichlorodifluoromethane	ND	1200	250	U
67-64-1	Acetone	ND	1200	360	U
75-15-0	Carbon disulfide	ND	1200	250	U
78-93-3	2-Butanone	ND	1200	480	U
108-05-4	Vinyl acetate	ND	1200	250	U
108-10-1	4-Methyl-2-pentanone	ND	1200	250	U
591-78-6	2-Hexanone	ND	1200	250	U
74-97-5	Bromochloromethane	ND	620	180	U
594-20-7	2,2-Dichloropropane	ND	620	180	U
106-93-4	1,2-Dibromoethane	ND	500	160	U
142-28-9	1,3-Dichloropropane	ND	620	180	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	620	180	U



Form 1 VOA

Client : AEI Consultants
 Project Name : VAZQUEZ
 Lab ID : L1723686-21D
 Client ID : TWP-SB9
 Sample Location : 4778 BROADWAY, NYC, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260C
 Lab File ID : V01170717A12
 Sample Amount : 0.04 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L1723686
 Project Number : 344060
 Date Collected : 07/11/17 11:45
 Date Received : 07/12/17
 Date Analyzed : 07/17/17 14:52
 Dilution Factor : 250
 Analyst : PD
 Instrument ID : VOA101
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
108-86-1	Bromobenzene	ND	620	180	U
104-51-8	n-Butylbenzene	ND	620	180	U
135-98-8	sec-Butylbenzene	ND	620	180	U
98-06-6	tert-Butylbenzene	ND	620	180	U
95-49-8	o-Chlorotoluene	ND	620	180	U
106-43-4	p-Chlorotoluene	ND	620	180	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	620	180	U
87-68-3	Hexachlorobutadiene	ND	620	180	U
98-82-8	Isopropylbenzene	ND	620	180	U
99-87-6	p-Isopropyltoluene	ND	620	180	U
91-20-3	Naphthalene	720	620	180	
103-65-1	n-Propylbenzene	390	620	180	J
87-61-6	1,2,3-Trichlorobenzene	ND	620	180	U
120-82-1	1,2,4-Trichlorobenzene	ND	620	180	U
108-67-8	1,3,5-Trimethylbenzene	890	620	180	
95-63-6	1,2,4-Trimethylbenzene	3300	620	180	
123-91-1	1,4-Dioxane	ND	62000	15000	U
105-05-5	p-Diethylbenzene	460	500	180	J
622-96-8	p-Ethyltoluene	2500	500	180	
95-93-2	1,2,4,5-Tetramethylbenzene	160	500	140	J
60-29-7	Ethyl ether	ND	620	180	U
110-57-6	trans-1,4-Dichloro-2-butene	ND	620	180	U



Form 1 VOA

Client : AEI Consultants
 Project Name : VAZQUEZ
 Lab ID : L1723686-22D
 Client ID : TWP-SB10
 Sample Location : 4778 BROADWAY, NYC, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260C
 Lab File ID : V01170717A13
 Sample Amount : 2.5 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L1723686
 Project Number : 344060
 Date Collected : 07/11/17 12:50
 Date Received : 07/12/17
 Date Analyzed : 07/17/17 15:21
 Dilution Factor : 4
 Analyst : PD
 Instrument ID : VOA101
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	10	2.8	U
75-34-3	1,1-Dichloroethane	ND	10	2.8	U
67-66-3	Chloroform	ND	10	2.8	U
56-23-5	Carbon tetrachloride	ND	2.0	0.54	U
78-87-5	1,2-Dichloropropane	ND	4.0	0.55	U
124-48-1	Dibromochloromethane	ND	2.0	0.60	U
79-00-5	1,1,2-Trichloroethane	ND	6.0	2.0	U
127-18-4	Tetrachloroethene	ND	2.0	0.72	U
108-90-7	Chlorobenzene	ND	10	2.8	U
75-69-4	Trichlorofluoromethane	ND	10	2.8	U
107-06-2	1,2-Dichloroethane	ND	2.0	0.53	U
71-55-6	1,1,1-Trichloroethane	ND	10	2.8	U
75-27-4	Bromodichloromethane	ND	2.0	0.77	U
10061-02-6	trans-1,3-Dichloropropene	ND	2.0	0.66	U
10061-01-5	cis-1,3-Dichloropropene	ND	2.0	0.58	U
542-75-6	1,3-Dichloropropene, Total	ND	2.0	0.58	U
563-58-6	1,1-Dichloropropene	ND	10	2.8	U
75-25-2	Bromoform	ND	8.0	2.6	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	0.67	U
71-43-2	Benzene	36	2.0	0.64	
108-88-3	Toluene	72	10	2.8	
100-41-4	Ethylbenzene	12	10	2.8	
74-87-3	Chloromethane	ND	10	2.8	U
74-83-9	Bromomethane	ND	10	2.8	U
75-01-4	Vinyl chloride	ND	4.0	0.28	U
75-00-3	Chloroethane	ND	10	2.8	U
75-35-4	1,1-Dichloroethene	ND	2.0	0.68	U



Form 1 VOA

Client : AEI Consultants
 Project Name : VAZQUEZ
 Lab ID : L1723686-22D
 Client ID : TWP-SB10
 Sample Location : 4778 BROADWAY, NYC, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260C
 Lab File ID : V01170717A13
 Sample Amount : 2.5 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L1723686
 Project Number : 344060
 Date Collected : 07/11/17 12:50
 Date Received : 07/12/17
 Date Analyzed : 07/17/17 15:21
 Dilution Factor : 4
 Analyst : PD
 Instrument ID : VOA101
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	10	2.8	U
79-01-6	Trichloroethene	ND	2.0	0.70	U
95-50-1	1,2-Dichlorobenzene	ND	10	2.8	U
541-73-1	1,3-Dichlorobenzene	ND	10	2.8	U
106-46-7	1,4-Dichlorobenzene	ND	10	2.8	U
1634-04-4	Methyl tert butyl ether	5.2	10	2.8	J
179601-23-1	p/m-Xylene	260	10	2.8	
95-47-6	o-Xylene	170	10	2.8	
1330-20-7	Xylenes, Total	430	10	2.8	
156-59-2	cis-1,2-Dichloroethene	ND	10	2.8	U
540-59-0	1,2-Dichloroethene, Total	ND	10	2.8	U
74-95-3	Dibromomethane	ND	20	4.0	U
96-18-4	1,2,3-Trichloropropane	ND	10	2.8	U
107-13-1	Acrylonitrile	ND	20	6.0	U
100-42-5	Styrene	ND	10	2.8	U
75-71-8	Dichlorodifluoromethane	ND	20	4.0	U
67-64-1	Acetone	460	20	5.8	
75-15-0	Carbon disulfide	ND	20	4.0	U
78-93-3	2-Butanone	52	20	7.8	
108-05-4	Vinyl acetate	ND	20	4.0	U
108-10-1	4-Methyl-2-pentanone	ND	20	4.0	U
591-78-6	2-Hexanone	ND	20	4.0	U
74-97-5	Bromochloromethane	ND	10	2.8	U
594-20-7	2,2-Dichloropropane	ND	10	2.8	U
106-93-4	1,2-Dibromoethane	ND	8.0	2.6	U
142-28-9	1,3-Dichloropropane	ND	10	2.8	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	10	2.8	U



Form 1 VOA

Client : AEI Consultants
 Project Name : VAZQUEZ
 Lab ID : L1723686-22D
 Client ID : TWP-SB10
 Sample Location : 4778 BROADWAY, NYC, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260C
 Lab File ID : V01170717A13
 Sample Amount : 2.5 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L1723686
 Project Number : 344060
 Date Collected : 07/11/17 12:50
 Date Received : 07/12/17
 Date Analyzed : 07/17/17 15:21
 Dilution Factor : 4
 Analyst : PD
 Instrument ID : VOA101
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
108-86-1	Bromobenzene	ND	10	2.8	U
104-51-8	n-Butylbenzene	ND	10	2.8	U
135-98-8	sec-Butylbenzene	ND	10	2.8	U
98-06-6	tert-Butylbenzene	ND	10	2.8	U
95-49-8	o-Chlorotoluene	ND	10	2.8	U
106-43-4	p-Chlorotoluene	ND	10	2.8	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	2.8	U
87-68-3	Hexachlorobutadiene	ND	10	2.8	U
98-82-8	Isopropylbenzene	ND	10	2.8	U
99-87-6	p-Isopropyltoluene	ND	10	2.8	U
91-20-3	Naphthalene	9.9	10	2.8	J
103-65-1	n-Propylbenzene	3.7	10	2.8	J
87-61-6	1,2,3-Trichlorobenzene	ND	10	2.8	U
120-82-1	1,2,4-Trichlorobenzene	ND	10	2.8	U
108-67-8	1,3,5-Trimethylbenzene	48	10	2.8	
95-63-6	1,2,4-Trimethylbenzene	76	10	2.8	
123-91-1	1,4-Dioxane	ND	1000	240	U
105-05-5	p-Diethylbenzene	ND	8.0	2.8	U
622-96-8	p-Ethyltoluene	52	8.0	2.8	
95-93-2	1,2,4,5-Tetramethylbenzene	30	8.0	2.2	
60-29-7	Ethyl ether	ND	10	2.8	U
110-57-6	trans-1,4-Dichloro-2-butene	ND	10	2.8	U



Form 1 VOA

Client : AEI Consultants
 Project Name : VAZQUEZ
 Lab ID : L1723686-23D
 Client ID : TWP-SB11
 Sample Location : 4778 BROADWAY, NYC, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260C
 Lab File ID : V01170717N07
 Sample Amount : 5 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L1723686
 Project Number : 344060
 Date Collected : 07/11/17 13:10
 Date Received : 07/12/17
 Date Analyzed : 07/17/17 23:02
 Dilution Factor : 2
 Analyst : PK
 Instrument ID : VOA101
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	5.0	1.4	U
75-34-3	1,1-Dichloroethane	ND	5.0	1.4	U
67-66-3	Chloroform	ND	5.0	1.4	U
56-23-5	Carbon tetrachloride	ND	1.0	0.27	U
78-87-5	1,2-Dichloropropane	ND	2.0	0.27	U
124-48-1	Dibromochloromethane	ND	1.0	0.30	U
79-00-5	1,1,2-Trichloroethane	ND	3.0	1.0	U
127-18-4	Tetrachloroethene	ND	1.0	0.36	U
108-90-7	Chlorobenzene	ND	5.0	1.4	U
75-69-4	Trichlorofluoromethane	ND	5.0	1.4	U
107-06-2	1,2-Dichloroethane	ND	1.0	0.26	U
71-55-6	1,1,1-Trichloroethane	ND	5.0	1.4	U
75-27-4	Bromodichloromethane	ND	1.0	0.38	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.33	U
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.29	U
542-75-6	1,3-Dichloropropene, Total	ND	1.0	0.29	U
563-58-6	1,1-Dichloropropene	ND	5.0	1.4	U
75-25-2	Bromoform	ND	4.0	1.3	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.33	U
71-43-2	Benzene	100	1.0	0.32	
108-88-3	Toluene	220	5.0	1.4	
100-41-4	Ethylbenzene	34	5.0	1.4	
74-87-3	Chloromethane	ND	5.0	1.4	U
74-83-9	Bromomethane	ND	5.0	1.4	U
75-01-4	Vinyl chloride	ND	2.0	0.14	U
75-00-3	Chloroethane	ND	5.0	1.4	U
75-35-4	1,1-Dichloroethene	ND	1.0	0.34	U



Form 1 VOA

Client : AEI Consultants
 Project Name : VAZQUEZ
 Lab ID : L1723686-23D
 Client ID : TWP-SB11
 Sample Location : 4778 BROADWAY, NYC, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260C
 Lab File ID : V01170717N07
 Sample Amount : 5 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L1723686
 Project Number : 344060
 Date Collected : 07/11/17 13:10
 Date Received : 07/12/17
 Date Analyzed : 07/17/17 23:02
 Dilution Factor : 2
 Analyst : PK
 Instrument ID : VOA101
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	5.0	1.4	U
79-01-6	Trichloroethene	ND	1.0	0.35	U
95-50-1	1,2-Dichlorobenzene	ND	5.0	1.4	U
541-73-1	1,3-Dichlorobenzene	ND	5.0	1.4	U
106-46-7	1,4-Dichlorobenzene	ND	5.0	1.4	U
1634-04-4	Methyl tert butyl ether	21	5.0	1.4	
179601-23-1	p/m-Xylene	120	5.0	1.4	
95-47-6	o-Xylene	66	5.0	1.4	
1330-20-7	Xylenes, Total	190	5.0	1.4	
156-59-2	cis-1,2-Dichloroethene	ND	5.0	1.4	U
540-59-0	1,2-Dichloroethene, Total	ND	5.0	1.4	U
74-95-3	Dibromomethane	ND	10	2.0	U
96-18-4	1,2,3-Trichloropropane	ND	5.0	1.4	U
107-13-1	Acrylonitrile	ND	10	3.0	U
100-42-5	Styrene	ND	5.0	1.4	U
75-71-8	Dichlorodifluoromethane	ND	10	2.0	U
67-64-1	Acetone	29	10	2.9	
75-15-0	Carbon disulfide	ND	10	2.0	U
78-93-3	2-Butanone	ND	10	3.9	U
108-05-4	Vinyl acetate	ND	10	2.0	U
108-10-1	4-Methyl-2-pentanone	ND	10	2.0	U
591-78-6	2-Hexanone	ND	10	2.0	U
74-97-5	Bromochloromethane	ND	5.0	1.4	U
594-20-7	2,2-Dichloropropane	ND	5.0	1.4	U
106-93-4	1,2-Dibromoethane	ND	4.0	1.3	U
142-28-9	1,3-Dichloropropane	ND	5.0	1.4	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	1.4	U



Form 1 VOA

Client : AEI Consultants
 Project Name : VAZQUEZ
 Lab ID : L1723686-23D
 Client ID : TWP-SB11
 Sample Location : 4778 BROADWAY, NYC, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260C
 Lab File ID : V01170717N07
 Sample Amount : 5 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L1723686
 Project Number : 344060
 Date Collected : 07/11/17 13:10
 Date Received : 07/12/17
 Date Analyzed : 07/17/17 23:02
 Dilution Factor : 2
 Analyst : PK
 Instrument ID : VOA101
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
108-86-1	Bromobenzene	ND	5.0	1.4	U
104-51-8	n-Butylbenzene	ND	5.0	1.4	U
135-98-8	sec-Butylbenzene	1.7	5.0	1.4	J
98-06-6	tert-Butylbenzene	ND	5.0	1.4	U
95-49-8	o-Chlorotoluene	ND	5.0	1.4	U
106-43-4	p-Chlorotoluene	ND	5.0	1.4	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	1.4	U
87-68-3	Hexachlorobutadiene	ND	5.0	1.4	U
98-82-8	Isopropylbenzene	3.8	5.0	1.4	J
99-87-6	p-Isopropyltoluene	ND	5.0	1.4	U
91-20-3	Naphthalene	4.5	5.0	1.4	J
103-65-1	n-Propylbenzene	6.5	5.0	1.4	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	1.4	U
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.4	U
108-67-8	1,3,5-Trimethylbenzene	12	5.0	1.4	
95-63-6	1,2,4-Trimethylbenzene	36	5.0	1.4	
123-91-1	1,4-Dioxane	ND	500	120	U
105-05-5	p-Diethylbenzene	7.4	4.0	1.4	
622-96-8	p-Ethyltoluene	35	4.0	1.4	
95-93-2	1,2,4,5-Tetramethylbenzene	4.4	4.0	1.1	
60-29-7	Ethyl ether	ND	5.0	1.4	U
110-57-6	trans-1,4-Dichloro-2-butene	ND	5.0	1.4	U



Form 1 VOA

Client : AEI Consultants
 Project Name : VAZQUEZ
 Lab ID : L1723686-24
 Client ID : TWP-SB12
 Sample Location : 4778 BROADWAY, NYC, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260C
 Lab File ID : V01170717A15
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L1723686
 Project Number : 344060
 Date Collected : 07/11/17 13:40
 Date Received : 07/12/17
 Date Analyzed : 07/17/17 16:18
 Dilution Factor : 1
 Analyst : PD
 Instrument ID : VOA101
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
563-58-6	1,1-Dichloropropene	ND	2.5	0.70	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	2.4	0.50	0.16	
108-88-3	Toluene	5.7	2.5	0.70	
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U



Form 1 VOA

Client : AEI Consultants
 Project Name : VAZQUEZ
 Lab ID : L1723686-24
 Client ID : TWP-SB12
 Sample Location : 4778 BROADWAY, NYC, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260C
 Lab File ID : V01170717A15
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L1723686
 Project Number : 344060
 Date Collected : 07/11/17 13:40
 Date Received : 07/12/17
 Date Analyzed : 07/17/17 16:18
 Dilution Factor : 1
 Analyst : PD
 Instrument ID : VOA101
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.70	U
179601-23-1	p/m-Xylene	1.9	2.5	0.70	J
95-47-6	o-Xylene	0.87	2.5	0.70	J
1330-20-7	Xylenes, Total	2.8	2.5	0.70	J
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
540-59-0	1,2-Dichloroethene, Total	ND	2.5	0.70	U
74-95-3	Dibromomethane	ND	5.0	1.0	U
96-18-4	1,2,3-Trichloropropane	ND	2.5	0.70	U
107-13-1	Acrylonitrile	ND	5.0	1.5	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	2.6	5.0	1.5	J
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-05-4	Vinyl acetate	ND	5.0	1.0	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U
594-20-7	2,2-Dichloropropane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
142-28-9	1,3-Dichloropropane	ND	2.5	0.70	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.5	0.70	U



Form 1 VOA

Client : AEI Consultants
 Project Name : VAZQUEZ
 Lab ID : L1723686-24
 Client ID : TWP-SB12
 Sample Location : 4778 BROADWAY, NYC, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260C
 Lab File ID : V01170717A15
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L1723686
 Project Number : 344060
 Date Collected : 07/11/17 13:40
 Date Received : 07/12/17
 Date Analyzed : 07/17/17 16:18
 Dilution Factor : 1
 Analyst : PD
 Instrument ID : VOA101
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
108-86-1	Bromobenzene	ND	2.5	0.70	U
104-51-8	n-Butylbenzene	ND	2.5	0.70	U
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U
95-49-8	o-Chlorotoluene	ND	2.5	0.70	U
106-43-4	p-Chlorotoluene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
87-68-3	Hexachlorobutadiene	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	U
91-20-3	Naphthalene	ND	2.5	0.70	U
103-65-1	n-Propylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.70	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.70	U
123-91-1	1,4-Dioxane	ND	250	61.	U
105-05-5	p-Diethylbenzene	ND	2.0	0.70	U
622-96-8	p-Ethyltoluene	ND	2.0	0.70	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.0	0.54	U
60-29-7	Ethyl ether	ND	2.5	0.70	U
110-57-6	trans-1,4-Dichloro-2-butene	ND	2.5	0.70	U



Form 1 VOA

Client : AEI Consultants
 Project Name : VAZQUEZ
 Lab ID : L1723686-25
 Client ID : FIELD BLANK
 Sample Location : 4778 BROADWAY, NYC, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260C
 Lab File ID : V01170717A16
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L1723686
 Project Number : 344060
 Date Collected : 07/11/17 08:00
 Date Received : 07/12/17
 Date Analyzed : 07/17/17 16:46
 Dilution Factor : 1
 Analyst : PD
 Instrument ID : VOA101
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
563-58-6	1,1-Dichloropropene	ND	2.5	0.70	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U



Form 1 VOA

Client : AEI Consultants
 Project Name : VAZQUEZ
 Lab ID : L1723686-25
 Client ID : FIELD BLANK
 Sample Location : 4778 BROADWAY, NYC, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260C
 Lab File ID : V01170717A16
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L1723686
 Project Number : 344060
 Date Collected : 07/11/17 08:00
 Date Received : 07/12/17
 Date Analyzed : 07/17/17 16:46
 Dilution Factor : 1
 Analyst : PD
 Instrument ID : VOA101
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.70	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
1330-20-7	Xylenes, Total	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
540-59-0	1,2-Dichloroethene, Total	ND	2.5	0.70	U
74-95-3	Dibromomethane	ND	5.0	1.0	U
96-18-4	1,2,3-Trichloropropane	ND	2.5	0.70	U
107-13-1	Acrylonitrile	ND	5.0	1.5	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-05-4	Vinyl acetate	ND	5.0	1.0	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U
594-20-7	2,2-Dichloropropane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
142-28-9	1,3-Dichloropropane	ND	2.5	0.70	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.5	0.70	U



Form 1 VOA

Client : AEI Consultants
 Project Name : VAZQUEZ
 Lab ID : L1723686-25
 Client ID : FIELD BLANK
 Sample Location : 4778 BROADWAY, NYC, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260C
 Lab File ID : V01170717A16
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L1723686
 Project Number : 344060
 Date Collected : 07/11/17 08:00
 Date Received : 07/12/17
 Date Analyzed : 07/17/17 16:46
 Dilution Factor : 1
 Analyst : PD
 Instrument ID : VOA101
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
108-86-1	Bromobenzene	ND	2.5	0.70	U
104-51-8	n-Butylbenzene	ND	2.5	0.70	U
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U
95-49-8	o-Chlorotoluene	ND	2.5	0.70	U
106-43-4	p-Chlorotoluene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
87-68-3	Hexachlorobutadiene	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	U
91-20-3	Naphthalene	ND	2.5	0.70	U
103-65-1	n-Propylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.70	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.70	U
123-91-1	1,4-Dioxane	ND	250	61.	U
105-05-5	p-Diethylbenzene	ND	2.0	0.70	U
622-96-8	p-Ethyltoluene	ND	2.0	0.70	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.0	0.54	U
60-29-7	Ethyl ether	ND	2.5	0.70	U
110-57-6	trans-1,4-Dichloro-2-butene	ND	2.5	0.70	U



Form 1 VOA

Client : AEI Consultants
 Project Name : VAZQUEZ
 Lab ID : L1723686-26
 Client ID : TRIP BLANK
 Sample Location : 4778 BROADWAY, NYC, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260C
 Lab File ID : V01170717A17
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L1723686
 Project Number : 344060
 Date Collected : 07/11/17 00:00
 Date Received : 07/12/17
 Date Analyzed : 07/17/17 17:15
 Dilution Factor : 1
 Analyst : PD
 Instrument ID : VOA101
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
563-58-6	1,1-Dichloropropene	ND	2.5	0.70	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U



Form 1 VOA

Client : AEI Consultants
 Project Name : VAZQUEZ
 Lab ID : L1723686-26
 Client ID : TRIP BLANK
 Sample Location : 4778 BROADWAY, NYC, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260C
 Lab File ID : V01170717A17
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L1723686
 Project Number : 344060
 Date Collected : 07/11/17 00:00
 Date Received : 07/12/17
 Date Analyzed : 07/17/17 17:15
 Dilution Factor : 1
 Analyst : PD
 Instrument ID : VOA101
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.70	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
1330-20-7	Xylenes, Total	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
540-59-0	1,2-Dichloroethene, Total	ND	2.5	0.70	U
74-95-3	Dibromomethane	ND	5.0	1.0	U
96-18-4	1,2,3-Trichloropropane	ND	2.5	0.70	U
107-13-1	Acrylonitrile	ND	5.0	1.5	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-05-4	Vinyl acetate	ND	5.0	1.0	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U
594-20-7	2,2-Dichloropropane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
142-28-9	1,3-Dichloropropane	ND	2.5	0.70	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.5	0.70	U



Form 1 VOA

Client : AEI Consultants
 Project Name : VAZQUEZ
 Lab ID : L1723686-26
 Client ID : TRIP BLANK
 Sample Location : 4778 BROADWAY, NYC, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260C
 Lab File ID : V01170717A17
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L1723686
 Project Number : 344060
 Date Collected : 07/11/17 00:00
 Date Received : 07/12/17
 Date Analyzed : 07/17/17 17:15
 Dilution Factor : 1
 Analyst : PD
 Instrument ID : VOA101
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
108-86-1	Bromobenzene	ND	2.5	0.70	U
104-51-8	n-Butylbenzene	ND	2.5	0.70	U
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U
95-49-8	o-Chlorotoluene	ND	2.5	0.70	U
106-43-4	p-Chlorotoluene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
87-68-3	Hexachlorobutadiene	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	U
91-20-3	Naphthalene	ND	2.5	0.70	U
103-65-1	n-Propylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.70	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.70	U
123-91-1	1,4-Dioxane	ND	250	61.	U
105-05-5	p-Diethylbenzene	ND	2.0	0.70	U
622-96-8	p-Ethyltoluene	ND	2.0	0.70	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.0	0.54	U
60-29-7	Ethyl ether	ND	2.5	0.70	U
110-57-6	trans-1,4-Dichloro-2-butene	ND	2.5	0.70	U



Form 1 VOA

Client : AEI Consultants
 Project Name : VAZQUEZ
 Lab ID : WG1022759-5
 Client ID : WG1022759-5BLANK
 Sample Location :
 Sample Matrix : SOIL
 Analytical Method : 1,8260C
 Lab File ID : V04170714A05
 Sample Amount : 5.0 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L1723686
 Project Number : 344060
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 07/14/17 09:27
 Dilution Factor : 1
 Analyst : MV
 Instrument ID : VOA104
 GC Column : RTX-VMS
 %Solids : NA
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	10	1.6	U
75-34-3	1,1-Dichloroethane	ND	1.5	0.27	U
67-66-3	Chloroform	ND	1.5	0.37	U
56-23-5	Carbon tetrachloride	ND	1.0	0.34	U
78-87-5	1,2-Dichloropropane	ND	3.5	0.23	U
124-48-1	Dibromochloromethane	ND	1.0	0.18	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.31	U
127-18-4	Tetrachloroethene	ND	1.0	0.30	U
108-90-7	Chlorobenzene	ND	1.0	0.35	U
75-69-4	Trichlorofluoromethane	ND	5.0	0.42	U
107-06-2	1,2-Dichloroethane	ND	1.0	0.25	U
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.35	U
75-27-4	Bromodichloromethane	ND	1.0	0.31	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.21	U
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.23	U
542-75-6	1,3-Dichloropropene, Total	ND	1.0	0.21	U
563-58-6	1,1-Dichloropropene	ND	5.0	0.33	U
75-25-2	Bromoform	ND	4.0	0.24	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	U
71-43-2	Benzene	ND	1.0	0.19	U
108-88-3	Toluene	ND	1.5	0.20	U
100-41-4	Ethylbenzene	ND	1.0	0.17	U
74-87-3	Chloromethane	0.53	5.0	0.44	J
74-83-9	Bromomethane	1.6	2.0	0.34	J
75-01-4	Vinyl chloride	ND	2.0	0.32	U
75-00-3	Chloroethane	ND	2.0	0.32	U
75-35-4	1,1-Dichloroethene	ND	1.0	0.37	U



Form 1 VOA

Client : AEI Consultants
 Project Name : VAZQUEZ
 Lab ID : WG1022759-5
 Client ID : WG1022759-5BLANK
 Sample Location :
 Sample Matrix : SOIL
 Analytical Method : 1,8260C
 Lab File ID : V04170714A05
 Sample Amount : 5.0 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L1723686
 Project Number : 344060
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 07/14/17 09:27
 Dilution Factor : 1
 Analyst : MV
 Instrument ID : VOA104
 GC Column : RTX-VMS
 %Solids : NA
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	1.5	0.24	U
79-01-6	Trichloroethene	ND	1.0	0.30	U
95-50-1	1,2-Dichlorobenzene	ND	5.0	0.18	U
541-73-1	1,3-Dichlorobenzene	ND	5.0	0.22	U
106-46-7	1,4-Dichlorobenzene	ND	5.0	0.18	U
1634-04-4	Methyl tert butyl ether	ND	2.0	0.15	U
179601-23-1	p/m-Xylene	ND	2.0	0.35	U
95-47-6	o-Xylene	ND	2.0	0.34	U
1330-20-7	Xylenes, Total	ND	2.0	0.34	U
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.34	U
540-59-0	1,2-Dichloroethene, Total	ND	1.0	0.24	U
74-95-3	Dibromomethane	ND	10	0.24	U
100-42-5	Styrene	ND	2.0	0.40	U
75-71-8	Dichlorodifluoromethane	ND	10	0.50	U
67-64-1	Acetone	ND	10	2.3	U
75-15-0	Carbon disulfide	ND	10	1.1	U
78-93-3	2-Butanone	ND	10	0.69	U
108-05-4	Vinyl acetate	ND	10	0.15	U
108-10-1	4-Methyl-2-pentanone	ND	10	0.24	U
96-18-4	1,2,3-Trichloropropane	ND	10	0.18	U
591-78-6	2-Hexanone	ND	10	0.67	U
74-97-5	Bromochloromethane	ND	5.0	0.36	U
594-20-7	2,2-Dichloropropane	ND	5.0	0.45	U
106-93-4	1,2-Dibromoethane	ND	4.0	0.20	U
142-28-9	1,3-Dichloropropane	ND	5.0	0.18	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.32	U
108-86-1	Bromobenzene	ND	5.0	0.22	U



Form 1 VOA

Client : AEI Consultants
 Project Name : VAZQUEZ
 Lab ID : WG1022759-5
 Client ID : WG1022759-5BLANK
 Sample Location :
 Sample Matrix : SOIL
 Analytical Method : 1,8260C
 Lab File ID : V04170714A05
 Sample Amount : 5.0 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L1723686
 Project Number : 344060
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 07/14/17 09:27
 Dilution Factor : 1
 Analyst : MV
 Instrument ID : VOA104
 GC Column : RTX-VMS
 %Solids : NA
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
104-51-8	n-Butylbenzene	ND	1.0	0.23	U
135-98-8	sec-Butylbenzene	ND	1.0	0.22	U
98-06-6	tert-Butylbenzene	ND	5.0	0.25	U
95-49-8	o-Chlorotoluene	ND	5.0	0.22	U
106-43-4	p-Chlorotoluene	ND	5.0	0.18	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	0.40	U
87-68-3	Hexachlorobutadiene	ND	5.0	0.35	U
98-82-8	Isopropylbenzene	ND	1.0	0.19	U
99-87-6	p-Isopropyltoluene	ND	1.0	0.20	U
91-20-3	Naphthalene	ND	5.0	0.14	U
107-13-1	Acrylonitrile	ND	10	0.51	U
103-65-1	n-Propylbenzene	ND	1.0	0.22	U
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.25	U
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.22	U
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	0.16	U
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	0.19	U
123-91-1	1,4-Dioxane	ND	40	14.	U
105-05-5	p-Diethylbenzene	ND	4.0	4.0	U
622-96-8	p-Ethyltoluene	ND	4.0	0.23	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	4.0	0.16	U
60-29-7	Ethyl ether	ND	5.0	0.26	U
110-57-6	trans-1,4-Dichloro-2-butene	ND	5.0	0.39	U



Form 1 VOA

Client : AEI Consultants
 Project Name : VAZQUEZ
 Lab ID : WG1023115-5
 Client ID : WG1023115-5BLANK
 Sample Location :
 Sample Matrix : SOIL
 Analytical Method : 1,8260C
 Lab File ID : V17170716A05
 Sample Amount : 5.0 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L1723686
 Project Number : 344060
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 07/16/17 09:43
 Dilution Factor : 1
 Analyst : CBN
 Instrument ID : VOA117
 GC Column : RTX-VMS
 %Solids : NA
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	10	1.6	U
75-34-3	1,1-Dichloroethane	ND	1.5	0.27	U
67-66-3	Chloroform	ND	1.5	0.37	U
56-23-5	Carbon tetrachloride	ND	1.0	0.34	U
78-87-5	1,2-Dichloropropane	ND	3.5	0.23	U
124-48-1	Dibromochloromethane	ND	1.0	0.18	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.31	U
127-18-4	Tetrachloroethene	ND	1.0	0.30	U
108-90-7	Chlorobenzene	ND	1.0	0.35	U
75-69-4	Trichlorofluoromethane	ND	5.0	0.42	U
107-06-2	1,2-Dichloroethane	ND	1.0	0.25	U
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.35	U
75-27-4	Bromodichloromethane	ND	1.0	0.31	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.21	U
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.23	U
542-75-6	1,3-Dichloropropene, Total	ND	1.0	0.21	U
563-58-6	1,1-Dichloropropene	ND	5.0	0.33	U
75-25-2	Bromoform	ND	4.0	0.24	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	U
71-43-2	Benzene	ND	1.0	0.19	U
108-88-3	Toluene	ND	1.5	0.20	U
100-41-4	Ethylbenzene	ND	1.0	0.17	U
74-87-3	Chloromethane	ND	5.0	0.44	U
74-83-9	Bromomethane	ND	2.0	0.34	U
75-01-4	Vinyl chloride	ND	2.0	0.32	U
75-00-3	Chloroethane	ND	2.0	0.32	U
75-35-4	1,1-Dichloroethene	ND	1.0	0.37	U



Form 1 VOA

Client : AEI Consultants
 Project Name : VAZQUEZ
 Lab ID : WG1023115-5
 Client ID : WG1023115-5BLANK
 Sample Location :
 Sample Matrix : SOIL
 Analytical Method : 1,8260C
 Lab File ID : V17170716A05
 Sample Amount : 5.0 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L1723686
 Project Number : 344060
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 07/16/17 09:43
 Dilution Factor : 1
 Analyst : CBN
 Instrument ID : VOA117
 GC Column : RTX-VMS
 %Solids : NA
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	1.5	0.24	U
79-01-6	Trichloroethene	ND	1.0	0.30	U
95-50-1	1,2-Dichlorobenzene	ND	5.0	0.18	U
541-73-1	1,3-Dichlorobenzene	ND	5.0	0.22	U
106-46-7	1,4-Dichlorobenzene	ND	5.0	0.18	U
1634-04-4	Methyl tert butyl ether	ND	2.0	0.15	U
179601-23-1	p/m-Xylene	ND	2.0	0.35	U
95-47-6	o-Xylene	ND	2.0	0.34	U
1330-20-7	Xylenes, Total	ND	2.0	0.34	U
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.34	U
540-59-0	1,2-Dichloroethene, Total	ND	1.0	0.24	U
74-95-3	Dibromomethane	ND	10	0.24	U
100-42-5	Styrene	ND	2.0	0.40	U
75-71-8	Dichlorodifluoromethane	ND	10	0.50	U
67-64-1	Acetone	ND	10	2.3	U
75-15-0	Carbon disulfide	4.3	10	1.1	J
78-93-3	2-Butanone	ND	10	0.69	U
108-05-4	Vinyl acetate	ND	10	0.15	U
108-10-1	4-Methyl-2-pentanone	ND	10	0.24	U
96-18-4	1,2,3-Trichloropropane	ND	10	0.18	U
591-78-6	2-Hexanone	ND	10	0.67	U
74-97-5	Bromochloromethane	ND	5.0	0.36	U
594-20-7	2,2-Dichloropropane	ND	5.0	0.45	U
106-93-4	1,2-Dibromoethane	ND	4.0	0.20	U
142-28-9	1,3-Dichloropropane	ND	5.0	0.18	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.32	U
108-86-1	Bromobenzene	ND	5.0	0.22	U



Form 1 VOA

Client : AEI Consultants
 Project Name : VAZQUEZ
 Lab ID : WG1023115-5
 Client ID : WG1023115-5BLANK
 Sample Location :
 Sample Matrix : SOIL
 Analytical Method : 1,8260C
 Lab File ID : V17170716A05
 Sample Amount : 5.0 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L1723686
 Project Number : 344060
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 07/16/17 09:43
 Dilution Factor : 1
 Analyst : CBN
 Instrument ID : VOA117
 GC Column : RTX-VMS
 %Solids : NA
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
104-51-8	n-Butylbenzene	ND	1.0	0.23	U
135-98-8	sec-Butylbenzene	ND	1.0	0.22	U
98-06-6	tert-Butylbenzene	ND	5.0	0.25	U
95-49-8	o-Chlorotoluene	ND	5.0	0.22	U
106-43-4	p-Chlorotoluene	ND	5.0	0.18	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	0.40	U
87-68-3	Hexachlorobutadiene	ND	5.0	0.35	U
98-82-8	Isopropylbenzene	ND	1.0	0.19	U
99-87-6	p-Isopropyltoluene	ND	1.0	0.20	U
91-20-3	Naphthalene	ND	5.0	0.14	U
107-13-1	Acrylonitrile	ND	10	0.51	U
103-65-1	n-Propylbenzene	ND	1.0	0.22	U
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.25	U
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.22	U
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	0.16	U
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	0.19	U
123-91-1	1,4-Dioxane	ND	40	14.	U
105-05-5	p-Diethylbenzene	ND	4.0	4.0	U
622-96-8	p-Ethyltoluene	ND	4.0	0.23	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	4.0	0.16	U
60-29-7	Ethyl ether	ND	5.0	0.26	U
110-57-6	trans-1,4-Dichloro-2-butene	ND	5.0	0.39	U



Form 1 VOA

Client : AEI Consultants
 Project Name : VAZQUEZ
 Lab ID : WG1023153-5
 Client ID : WG1023153-5BLANK
 Sample Location :
 Sample Matrix : SOIL
 Analytical Method : 1,8260C
 Lab File ID : V04170716A05
 Sample Amount : 5.0 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L1723686
 Project Number : 344060
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 07/16/17 09:44
 Dilution Factor : 1
 Analyst : CBN
 Instrument ID : VOA104
 GC Column : RTX-VMS
 %Solids : NA
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	10	1.6	U
75-34-3	1,1-Dichloroethane	ND	1.5	0.27	U
67-66-3	Chloroform	ND	1.5	0.37	U
56-23-5	Carbon tetrachloride	ND	1.0	0.34	U
78-87-5	1,2-Dichloropropane	ND	3.5	0.23	U
124-48-1	Dibromochloromethane	ND	1.0	0.18	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.31	U
127-18-4	Tetrachloroethene	ND	1.0	0.30	U
108-90-7	Chlorobenzene	ND	1.0	0.35	U
75-69-4	Trichlorofluoromethane	ND	5.0	0.42	U
107-06-2	1,2-Dichloroethane	ND	1.0	0.25	U
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.35	U
75-27-4	Bromodichloromethane	ND	1.0	0.31	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.21	U
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.23	U
542-75-6	1,3-Dichloropropene, Total	ND	1.0	0.21	U
563-58-6	1,1-Dichloropropene	ND	5.0	0.33	U
75-25-2	Bromoform	ND	4.0	0.24	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	U
71-43-2	Benzene	ND	1.0	0.19	U
108-88-3	Toluene	ND	1.5	0.20	U
100-41-4	Ethylbenzene	ND	1.0	0.17	U
74-87-3	Chloromethane	ND	5.0	0.44	U
74-83-9	Bromomethane	0.74	2.0	0.34	J
75-01-4	Vinyl chloride	ND	2.0	0.32	U
75-00-3	Chloroethane	ND	2.0	0.32	U
75-35-4	1,1-Dichloroethene	ND	1.0	0.37	U



Form 1 VOA

Client : AEI Consultants
 Project Name : VAZQUEZ
 Lab ID : WG1023153-5
 Client ID : WG1023153-5BLANK
 Sample Location :
 Sample Matrix : SOIL
 Analytical Method : 1,8260C
 Lab File ID : V04170716A05
 Sample Amount : 5.0 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L1723686
 Project Number : 344060
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 07/16/17 09:44
 Dilution Factor : 1
 Analyst : CBN
 Instrument ID : VOA104
 GC Column : RTX-VMS
 %Solids : NA
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	1.5	0.24	U
79-01-6	Trichloroethene	ND	1.0	0.30	U
95-50-1	1,2-Dichlorobenzene	ND	5.0	0.18	U
541-73-1	1,3-Dichlorobenzene	ND	5.0	0.22	U
106-46-7	1,4-Dichlorobenzene	ND	5.0	0.18	U
1634-04-4	Methyl tert butyl ether	ND	2.0	0.15	U
179601-23-1	p/m-Xylene	ND	2.0	0.35	U
95-47-6	o-Xylene	ND	2.0	0.34	U
1330-20-7	Xylenes, Total	ND	2.0	0.34	U
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.34	U
540-59-0	1,2-Dichloroethene, Total	ND	1.0	0.24	U
74-95-3	Dibromomethane	ND	10	0.24	U
100-42-5	Styrene	ND	2.0	0.40	U
75-71-8	Dichlorodifluoromethane	ND	10	0.50	U
67-64-1	Acetone	ND	10	2.3	U
75-15-0	Carbon disulfide	2.5	10	1.1	J
78-93-3	2-Butanone	ND	10	0.69	U
108-05-4	Vinyl acetate	ND	10	0.15	U
108-10-1	4-Methyl-2-pentanone	ND	10	0.24	U
96-18-4	1,2,3-Trichloropropane	ND	10	0.18	U
591-78-6	2-Hexanone	ND	10	0.67	U
74-97-5	Bromochloromethane	ND	5.0	0.36	U
594-20-7	2,2-Dichloropropane	ND	5.0	0.45	U
106-93-4	1,2-Dibromoethane	ND	4.0	0.20	U
142-28-9	1,3-Dichloropropane	ND	5.0	0.18	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.32	U
108-86-1	Bromobenzene	ND	5.0	0.22	U



Form 1 VOA

Client : AEI Consultants
 Project Name : VAZQUEZ
 Lab ID : WG1023153-5
 Client ID : WG1023153-5BLANK
 Sample Location :
 Sample Matrix : SOIL
 Analytical Method : 1,8260C
 Lab File ID : V04170716A05
 Sample Amount : 5.0 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L1723686
 Project Number : 344060
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 07/16/17 09:44
 Dilution Factor : 1
 Analyst : CBN
 Instrument ID : VOA104
 GC Column : RTX-VMS
 %Solids : NA
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
104-51-8	n-Butylbenzene	ND	1.0	0.23	U
135-98-8	sec-Butylbenzene	ND	1.0	0.22	U
98-06-6	tert-Butylbenzene	ND	5.0	0.25	U
95-49-8	o-Chlorotoluene	ND	5.0	0.22	U
106-43-4	p-Chlorotoluene	ND	5.0	0.18	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	0.40	U
87-68-3	Hexachlorobutadiene	ND	5.0	0.35	U
98-82-8	Isopropylbenzene	ND	1.0	0.19	U
99-87-6	p-Isopropyltoluene	ND	1.0	0.20	U
91-20-3	Naphthalene	ND	5.0	0.14	U
107-13-1	Acrylonitrile	ND	10	0.51	U
103-65-1	n-Propylbenzene	ND	1.0	0.22	U
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.25	U
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.22	U
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	0.16	U
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	0.19	U
123-91-1	1,4-Dioxane	ND	40	14.	U
105-05-5	p-Diethylbenzene	ND	4.0	4.0	U
622-96-8	p-Ethyltoluene	ND	4.0	0.23	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	4.0	0.16	U
60-29-7	Ethyl ether	ND	5.0	0.26	U
110-57-6	trans-1,4-Dichloro-2-butene	ND	5.0	0.39	U



Form 1 VOA

Client : AEI Consultants
 Project Name : VAZQUEZ
 Lab ID : WG1023156-5
 Client ID : WG1023156-5BLANK
 Sample Location :
 Sample Matrix : SOIL
 Analytical Method : 1,8260C
 Lab File ID : V04170716A05
 Sample Amount : 15.0 g
 Level : HIGH
 Extract Volume (MeOH) : 15 ml

Lab Number : L1723686
 Project Number : 344060
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 07/16/17 09:44
 Dilution Factor : 1
 Analyst : CBN
 Instrument ID : VOA104
 GC Column : RTX-VMS
 %Solids : NA
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	500	82.	U
75-34-3	1,1-Dichloroethane	ND	75	14.	U
67-66-3	Chloroform	ND	75	18.	U
56-23-5	Carbon tetrachloride	ND	50	17.	U
78-87-5	1,2-Dichloropropane	ND	180	11.	U
124-48-1	Dibromochloromethane	ND	50	8.8	U
79-00-5	1,1,2-Trichloroethane	ND	75	16.	U
127-18-4	Tetrachloroethene	ND	50	15.	U
108-90-7	Chlorobenzene	ND	50	17.	U
75-69-4	Trichlorofluoromethane	ND	250	21.	U
107-06-2	1,2-Dichloroethane	ND	50	12.	U
71-55-6	1,1,1-Trichloroethane	ND	50	18.	U
75-27-4	Bromodichloromethane	ND	50	15.	U
10061-02-6	trans-1,3-Dichloropropene	ND	50	10.	U
10061-01-5	cis-1,3-Dichloropropene	ND	50	12.	U
542-75-6	1,3-Dichloropropene, Total	ND	50	10.	U
563-58-6	1,1-Dichloropropene	ND	250	16.	U
75-25-2	Bromoform	ND	200	12.	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	50	15.	U
71-43-2	Benzene	ND	50	9.6	U
108-88-3	Toluene	ND	75	9.8	U
100-41-4	Ethylbenzene	ND	50	8.5	U
74-87-3	Chloromethane	ND	250	22.	U
74-83-9	Bromomethane	37	100	17.	J
75-01-4	Vinyl chloride	ND	100	16.	U
75-00-3	Chloroethane	ND	100	16.	U
75-35-4	1,1-Dichloroethene	ND	50	19.	U



Form 1 VOA

Client : AEI Consultants
 Project Name : VAZQUEZ
 Lab ID : WG1023156-5
 Client ID : WG1023156-5BLANK
 Sample Location :
 Sample Matrix : SOIL
 Analytical Method : 1,8260C
 Lab File ID : V04170716A05
 Sample Amount : 15.0 g
 Level : HIGH
 Extract Volume (MeOH) : 15 ml

Lab Number : L1723686
 Project Number : 344060
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 07/16/17 09:44
 Dilution Factor : 1
 Analyst : CBN
 Instrument ID : VOA104
 GC Column : RTX-VMS
 %Solids : NA
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	75	12.	U
79-01-6	Trichloroethene	ND	50	15.	U
95-50-1	1,2-Dichlorobenzene	ND	250	9.1	U
541-73-1	1,3-Dichlorobenzene	ND	250	11.	U
106-46-7	1,4-Dichlorobenzene	ND	250	9.1	U
1634-04-4	Methyl tert butyl ether	ND	100	7.6	U
179601-23-1	p/m-Xylene	ND	100	18.	U
95-47-6	o-Xylene	ND	100	17.	U
1330-20-7	Xylenes, Total	ND	100	17.	U
156-59-2	cis-1,2-Dichloroethene	ND	50	17.	U
540-59-0	1,2-Dichloroethene, Total	ND	50	12.	U
74-95-3	Dibromomethane	ND	500	12.	U
100-42-5	Styrene	ND	100	20.	U
75-71-8	Dichlorodifluoromethane	ND	500	25.	U
67-64-1	Acetone	110	500	110	J
75-15-0	Carbon disulfide	120	500	55.	J
78-93-3	2-Butanone	ND	500	34.	U
108-05-4	Vinyl acetate	ND	500	7.6	U
108-10-1	4-Methyl-2-pentanone	ND	500	12.	U
96-18-4	1,2,3-Trichloropropane	ND	500	8.8	U
591-78-6	2-Hexanone	ND	500	33.	U
74-97-5	Bromochloromethane	ND	250	18.	U
594-20-7	2,2-Dichloropropane	ND	250	22.	U
106-93-4	1,2-Dibromoethane	ND	200	10.	U
142-28-9	1,3-Dichloropropane	ND	250	9.2	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	50	16.	U
108-86-1	Bromobenzene	ND	250	11.	U



Form 1 VOA

Client : AEI Consultants
 Project Name : VAZQUEZ
 Lab ID : WG1023156-5
 Client ID : WG1023156-5BLANK
 Sample Location :
 Sample Matrix : SOIL
 Analytical Method : 1,8260C
 Lab File ID : V04170716A05
 Sample Amount : 15.0 g
 Level : HIGH
 Extract Volume (MeOH) : 15 ml

Lab Number : L1723686
 Project Number : 344060
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 07/16/17 09:44
 Dilution Factor : 1
 Analyst : CBN
 Instrument ID : VOA104
 GC Column : RTX-VMS
 %Solids : NA
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
104-51-8	n-Butylbenzene	ND	50	11.	U
135-98-8	sec-Butylbenzene	ND	50	11.	U
98-06-6	tert-Butylbenzene	ND	250	12.	U
95-49-8	o-Chlorotoluene	ND	250	11.	U
106-43-4	p-Chlorotoluene	ND	250	9.2	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	250	20.	U
87-68-3	Hexachlorobutadiene	ND	250	17.	U
98-82-8	Isopropylbenzene	ND	50	9.7	U
99-87-6	p-Isopropyltoluene	ND	50	10.	U
91-20-3	Naphthalene	ND	250	6.9	U
107-13-1	Acrylonitrile	ND	500	26.	U
103-65-1	n-Propylbenzene	ND	50	11.	U
87-61-6	1,2,3-Trichlorobenzene	ND	250	12.	U
120-82-1	1,2,4-Trichlorobenzene	ND	250	11.	U
108-67-8	1,3,5-Trimethylbenzene	ND	250	8.0	U
95-63-6	1,2,4-Trimethylbenzene	ND	250	9.3	U
123-91-1	1,4-Dioxane	ND	2000	720	U
105-05-5	p-Diethylbenzene	ND	200	200	U
622-96-8	p-Ethyltoluene	ND	200	12.	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	200	7.8	U
60-29-7	Ethyl ether	ND	250	13.	U
110-57-6	trans-1,4-Dichloro-2-butene	ND	250	20.	U



Form 1 VOA

Client : AEI Consultants
 Project Name : VAZQUEZ
 Lab ID : WG1023276-5
 Client ID : WG1023276-5BLANK
 Sample Location :
 Sample Matrix : WATER
 Analytical Method : 1,8260C
 Lab File ID : V01170717A05
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L1723686
 Project Number : 344060
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 07/17/17 11:33
 Dilution Factor : 1
 Analyst : PD
 Instrument ID : VOA101
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
563-58-6	1,1-Dichloropropene	ND	2.5	0.70	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U



Form 1 VOA

Client : AEI Consultants
 Project Name : VAZQUEZ
 Lab ID : WG1023276-5
 Client ID : WG1023276-5BLANK
 Sample Location :
 Sample Matrix : WATER
 Analytical Method : 1,8260C
 Lab File ID : V01170717A05
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L1723686
 Project Number : 344060
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 07/17/17 11:33
 Dilution Factor : 1
 Analyst : PD
 Instrument ID : VOA101
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.70	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
1330-20-7	Xylenes, Total	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
540-59-0	1,2-Dichloroethene, Total	ND	2.5	0.70	U
74-95-3	Dibromomethane	ND	5.0	1.0	U
96-18-4	1,2,3-Trichloropropane	ND	2.5	0.70	U
107-13-1	Acrylonitrile	ND	5.0	1.5	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-05-4	Vinyl acetate	ND	5.0	1.0	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U
594-20-7	2,2-Dichloropropane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
142-28-9	1,3-Dichloropropane	ND	2.5	0.70	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.5	0.70	U



Form 1 VOA

Client : AEI Consultants
 Project Name : VAZQUEZ
 Lab ID : WG1023276-5
 Client ID : WG1023276-5BLANK
 Sample Location :
 Sample Matrix : WATER
 Analytical Method : 1,8260C
 Lab File ID : V01170717A05
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L1723686
 Project Number : 344060
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 07/17/17 11:33
 Dilution Factor : 1
 Analyst : PD
 Instrument ID : VOA101
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
108-86-1	Bromobenzene	ND	2.5	0.70	U
104-51-8	n-Butylbenzene	ND	2.5	0.70	U
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U
95-49-8	o-Chlorotoluene	ND	2.5	0.70	U
106-43-4	p-Chlorotoluene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
87-68-3	Hexachlorobutadiene	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	U
91-20-3	Naphthalene	ND	2.5	0.70	U
103-65-1	n-Propylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.70	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.70	U
123-91-1	1,4-Dioxane	ND	250	61.	U
105-05-5	p-Diethylbenzene	ND	2.0	0.70	U
622-96-8	p-Ethyltoluene	ND	2.0	0.70	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.0	0.54	U
60-29-7	Ethyl ether	ND	2.5	0.70	U
110-57-6	trans-1,4-Dichloro-2-butene	ND	2.5	0.70	U



Form 1 VOA

Client : AEI Consultants
 Project Name : VAZQUEZ
 Lab ID : WG1023473-5
 Client ID : WG1023473-5BLANK
 Sample Location :
 Sample Matrix : WATER
 Analytical Method : 1,8260C
 Lab File ID : V01170717N05
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L1723686
 Project Number : 344060
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 07/17/17 22:05
 Dilution Factor : 1
 Analyst : PK
 Instrument ID : VOA101
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
563-58-6	1,1-Dichloropropene	ND	2.5	0.70	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U



Form 1 VOA

Client : AEI Consultants
 Project Name : VAZQUEZ
 Lab ID : WG1023473-5
 Client ID : WG1023473-5BLANK
 Sample Location :
 Sample Matrix : WATER
 Analytical Method : 1,8260C
 Lab File ID : V01170717N05
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L1723686
 Project Number : 344060
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 07/17/17 22:05
 Dilution Factor : 1
 Analyst : PK
 Instrument ID : VOA101
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.70	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
1330-20-7	Xylenes, Total	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
540-59-0	1,2-Dichloroethene, Total	ND	2.5	0.70	U
74-95-3	Dibromomethane	ND	5.0	1.0	U
96-18-4	1,2,3-Trichloropropane	ND	2.5	0.70	U
107-13-1	Acrylonitrile	ND	5.0	1.5	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-05-4	Vinyl acetate	ND	5.0	1.0	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U
594-20-7	2,2-Dichloropropane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
142-28-9	1,3-Dichloropropane	ND	2.5	0.70	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.5	0.70	U



Form 1 VOA

Client : AEI Consultants
 Project Name : VAZQUEZ
 Lab ID : WG1023473-5
 Client ID : WG1023473-5BLANK
 Sample Location :
 Sample Matrix : WATER
 Analytical Method : 1,8260C
 Lab File ID : V01170717N05
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L1723686
 Project Number : 344060
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 07/17/17 22:05
 Dilution Factor : 1
 Analyst : PK
 Instrument ID : VOA101
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
108-86-1	Bromobenzene	ND	2.5	0.70	U
104-51-8	n-Butylbenzene	ND	2.5	0.70	U
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U
95-49-8	o-Chlorotoluene	ND	2.5	0.70	U
106-43-4	p-Chlorotoluene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
87-68-3	Hexachlorobutadiene	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	U
91-20-3	Naphthalene	ND	2.5	0.70	U
103-65-1	n-Propylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.70	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.70	U
123-91-1	1,4-Dioxane	ND	250	61.	U
105-05-5	p-Diethylbenzene	ND	2.0	0.70	U
622-96-8	p-Ethyltoluene	ND	2.0	0.70	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.0	0.54	U
60-29-7	Ethyl ether	ND	2.5	0.70	U
110-57-6	trans-1,4-Dichloro-2-butene	ND	2.5	0.70	U



Form 1 VOA

Client : AEI Consultants
 Project Name : VAZQUEZ
 Lab ID : WG1023786-5
 Client ID : WG1023786-5BLANK
 Sample Location :
 Sample Matrix : SOIL
 Analytical Method : 1,8260C
 Lab File ID : V17170718A05
 Sample Amount : 15.0 g
 Level : HIGH
 Extract Volume (MeOH) : 15 ml

Lab Number : L1723686
 Project Number : 344060
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 07/18/17 08:54
 Dilution Factor : 1
 Analyst : CBN
 Instrument ID : VOA117
 GC Column : RTX-VMS
 %Solids : NA
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	500	82.	U
75-34-3	1,1-Dichloroethane	ND	75	14.	U
67-66-3	Chloroform	ND	75	18.	U
56-23-5	Carbon tetrachloride	ND	50	17.	U
78-87-5	1,2-Dichloropropane	ND	180	11.	U
124-48-1	Dibromochloromethane	ND	50	8.8	U
79-00-5	1,1,2-Trichloroethane	ND	75	16.	U
127-18-4	Tetrachloroethene	ND	50	15.	U
108-90-7	Chlorobenzene	ND	50	17.	U
75-69-4	Trichlorofluoromethane	ND	250	21.	U
107-06-2	1,2-Dichloroethane	ND	50	12.	U
71-55-6	1,1,1-Trichloroethane	ND	50	18.	U
75-27-4	Bromodichloromethane	ND	50	15.	U
10061-02-6	trans-1,3-Dichloropropene	ND	50	10.	U
10061-01-5	cis-1,3-Dichloropropene	ND	50	12.	U
542-75-6	1,3-Dichloropropene, Total	ND	50	10.	U
563-58-6	1,1-Dichloropropene	ND	250	16.	U
75-25-2	Bromoform	ND	200	12.	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	50	15.	U
71-43-2	Benzene	ND	50	9.6	U
108-88-3	Toluene	ND	75	9.8	U
100-41-4	Ethylbenzene	ND	50	8.5	U
74-87-3	Chloromethane	ND	250	22.	U
74-83-9	Bromomethane	ND	100	17.	U
75-01-4	Vinyl chloride	ND	100	16.	U
75-00-3	Chloroethane	ND	100	16.	U
75-35-4	1,1-Dichloroethene	ND	50	19.	U



Form 1 VOA

Client : AEI Consultants
 Project Name : VAZQUEZ
 Lab ID : WG1023786-5
 Client ID : WG1023786-5BLANK
 Sample Location :
 Sample Matrix : SOIL
 Analytical Method : 1,8260C
 Lab File ID : V17170718A05
 Sample Amount : 15.0 g
 Level : HIGH
 Extract Volume (MeOH) : 15 ml

Lab Number : L1723686
 Project Number : 344060
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 07/18/17 08:54
 Dilution Factor : 1
 Analyst : CBN
 Instrument ID : VOA117
 GC Column : RTX-VMS
 %Solids : NA
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	75	12.	U
79-01-6	Trichloroethene	ND	50	15.	U
95-50-1	1,2-Dichlorobenzene	ND	250	9.1	U
541-73-1	1,3-Dichlorobenzene	ND	250	11.	U
106-46-7	1,4-Dichlorobenzene	ND	250	9.1	U
1634-04-4	Methyl tert butyl ether	ND	100	7.6	U
179601-23-1	p/m-Xylene	ND	100	18.	U
95-47-6	o-Xylene	ND	100	17.	U
1330-20-7	Xylenes, Total	ND	100	17.	U
156-59-2	cis-1,2-Dichloroethene	ND	50	17.	U
540-59-0	1,2-Dichloroethene, Total	ND	50	12.	U
74-95-3	Dibromomethane	ND	500	12.	U
100-42-5	Styrene	ND	100	20.	U
75-71-8	Dichlorodifluoromethane	ND	500	25.	U
67-64-1	Acetone	ND	500	110	U
75-15-0	Carbon disulfide	ND	500	55.	U
78-93-3	2-Butanone	ND	500	34.	U
108-05-4	Vinyl acetate	ND	500	7.6	U
108-10-1	4-Methyl-2-pentanone	ND	500	12.	U
96-18-4	1,2,3-Trichloropropane	ND	500	8.8	U
591-78-6	2-Hexanone	ND	500	33.	U
74-97-5	Bromochloromethane	ND	250	18.	U
594-20-7	2,2-Dichloropropane	ND	250	22.	U
106-93-4	1,2-Dibromoethane	ND	200	10.	U
142-28-9	1,3-Dichloropropane	ND	250	9.2	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	50	16.	U
108-86-1	Bromobenzene	ND	250	11.	U



Form 1 VOA

Client : AEI Consultants
 Project Name : VAZQUEZ
 Lab ID : WG1023786-5
 Client ID : WG1023786-5BLANK
 Sample Location :
 Sample Matrix : SOIL
 Analytical Method : 1,8260C
 Lab File ID : V17170718A05
 Sample Amount : 15.0 g
 Level : HIGH
 Extract Volume (MeOH) : 15 ml

Lab Number : L1723686
 Project Number : 344060
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 07/18/17 08:54
 Dilution Factor : 1
 Analyst : CBN
 Instrument ID : VOA117
 GC Column : RTX-VMS
 %Solids : NA
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
104-51-8	n-Butylbenzene	ND	50	11.	U
135-98-8	sec-Butylbenzene	ND	50	11.	U
98-06-6	tert-Butylbenzene	ND	250	12.	U
95-49-8	o-Chlorotoluene	ND	250	11.	U
106-43-4	p-Chlorotoluene	ND	250	9.2	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	250	20.	U
87-68-3	Hexachlorobutadiene	ND	250	17.	U
98-82-8	Isopropylbenzene	ND	50	9.7	U
99-87-6	p-Isopropyltoluene	ND	50	10.	U
91-20-3	Naphthalene	ND	250	6.9	U
107-13-1	Acrylonitrile	ND	500	26.	U
103-65-1	n-Propylbenzene	ND	50	11.	U
87-61-6	1,2,3-Trichlorobenzene	ND	250	12.	U
120-82-1	1,2,4-Trichlorobenzene	ND	250	11.	U
108-67-8	1,3,5-Trimethylbenzene	ND	250	8.0	U
95-63-6	1,2,4-Trimethylbenzene	ND	250	9.3	U
123-91-1	1,4-Dioxane	ND	2000	720	U
105-05-5	p-Diethylbenzene	ND	200	200	U
622-96-8	p-Ethyltoluene	ND	200	12.	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	200	7.8	U
60-29-7	Ethyl ether	ND	250	13.	U
110-57-6	trans-1,4-Dichloro-2-butene	ND	250	20.	U



Form 1 VOA

Client : AEI Consultants
 Project Name : VAZQUEZ
 Lab ID : WG1023786-10
 Client ID : WG1023786-10BLANK
 Sample Location :
 Sample Matrix : SOIL
 Analytical Method : 1,8260C
 Lab File ID : V17170719A05
 Sample Amount : 15.0 g
 Level : HIGH
 Extract Volume (MeOH) : 15 ml

Lab Number : L1723686
 Project Number : 344060
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 07/19/17 08:47
 Dilution Factor : 1
 Analyst : CBN
 Instrument ID : VOA117
 GC Column : RTX-VMS
 %Solids : NA
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	500	82.	U
75-34-3	1,1-Dichloroethane	ND	75	14.	U
67-66-3	Chloroform	ND	75	18.	U
56-23-5	Carbon tetrachloride	ND	50	17.	U
78-87-5	1,2-Dichloropropane	ND	180	11.	U
124-48-1	Dibromochloromethane	ND	50	8.8	U
79-00-5	1,1,2-Trichloroethane	ND	75	16.	U
127-18-4	Tetrachloroethene	ND	50	15.	U
108-90-7	Chlorobenzene	ND	50	17.	U
75-69-4	Trichlorofluoromethane	ND	250	21.	U
107-06-2	1,2-Dichloroethane	ND	50	12.	U
71-55-6	1,1,1-Trichloroethane	ND	50	18.	U
75-27-4	Bromodichloromethane	ND	50	15.	U
10061-02-6	trans-1,3-Dichloropropene	ND	50	10.	U
10061-01-5	cis-1,3-Dichloropropene	ND	50	12.	U
542-75-6	1,3-Dichloropropene, Total	ND	50	10.	U
563-58-6	1,1-Dichloropropene	ND	250	16.	U
75-25-2	Bromoform	ND	200	12.	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	50	15.	U
71-43-2	Benzene	ND	50	9.6	U
108-88-3	Toluene	ND	75	9.8	U
100-41-4	Ethylbenzene	ND	50	8.5	U
74-87-3	Chloromethane	ND	250	22.	U
74-83-9	Bromomethane	ND	100	17.	U
75-01-4	Vinyl chloride	ND	100	16.	U
75-00-3	Chloroethane	ND	100	16.	U
75-35-4	1,1-Dichloroethene	ND	50	19.	U



Form 1 VOA

Client : AEI Consultants
 Project Name : VAZQUEZ
 Lab ID : WG1023786-10
 Client ID : WG1023786-10BLANK
 Sample Location :
 Sample Matrix : SOIL
 Analytical Method : 1,8260C
 Lab File ID : V17170719A05
 Sample Amount : 15.0 g
 Level : HIGH
 Extract Volume (MeOH) : 15 ml

Lab Number : L1723686
 Project Number : 344060
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 07/19/17 08:47
 Dilution Factor : 1
 Analyst : CBN
 Instrument ID : VOA117
 GC Column : RTX-VMS
 %Solids : NA
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	75	12.	U
79-01-6	Trichloroethene	ND	50	15.	U
95-50-1	1,2-Dichlorobenzene	ND	250	9.1	U
541-73-1	1,3-Dichlorobenzene	ND	250	11.	U
106-46-7	1,4-Dichlorobenzene	ND	250	9.1	U
1634-04-4	Methyl tert butyl ether	ND	100	7.6	U
179601-23-1	p/m-Xylene	ND	100	18.	U
95-47-6	o-Xylene	ND	100	17.	U
1330-20-7	Xylenes, Total	ND	100	17.	U
156-59-2	cis-1,2-Dichloroethene	ND	50	17.	U
540-59-0	1,2-Dichloroethene, Total	ND	50	12.	U
74-95-3	Dibromomethane	ND	500	12.	U
100-42-5	Styrene	ND	100	20.	U
75-71-8	Dichlorodifluoromethane	ND	500	25.	U
67-64-1	Acetone	ND	500	110	U
75-15-0	Carbon disulfide	ND	500	55.	U
78-93-3	2-Butanone	ND	500	34.	U
108-05-4	Vinyl acetate	ND	500	7.6	U
108-10-1	4-Methyl-2-pentanone	ND	500	12.	U
96-18-4	1,2,3-Trichloropropane	ND	500	8.8	U
591-78-6	2-Hexanone	ND	500	33.	U
74-97-5	Bromochloromethane	ND	250	18.	U
594-20-7	2,2-Dichloropropane	ND	250	22.	U
106-93-4	1,2-Dibromoethane	ND	200	10.	U
142-28-9	1,3-Dichloropropane	ND	250	9.2	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	50	16.	U
108-86-1	Bromobenzene	ND	250	11.	U



Form 1 VOA

Client : AEI Consultants
 Project Name : VAZQUEZ
 Lab ID : WG1023786-10
 Client ID : WG1023786-10BLANK
 Sample Location :
 Sample Matrix : SOIL
 Analytical Method : 1,8260C
 Lab File ID : V17170719A05
 Sample Amount : 15.0 g
 Level : HIGH
 Extract Volume (MeOH) : 15 ml

Lab Number : L1723686
 Project Number : 344060
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 07/19/17 08:47
 Dilution Factor : 1
 Analyst : CBN
 Instrument ID : VOA117
 GC Column : RTX-VMS
 %Solids : NA
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
104-51-8	n-Butylbenzene	ND	50	11.	U
135-98-8	sec-Butylbenzene	ND	50	11.	U
98-06-6	tert-Butylbenzene	ND	250	12.	U
95-49-8	o-Chlorotoluene	ND	250	11.	U
106-43-4	p-Chlorotoluene	ND	250	9.2	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	250	20.	U
87-68-3	Hexachlorobutadiene	ND	250	17.	U
98-82-8	Isopropylbenzene	ND	50	9.7	U
99-87-6	p-Isopropyltoluene	ND	50	10.	U
91-20-3	Naphthalene	ND	250	6.9	U
107-13-1	Acrylonitrile	ND	500	26.	U
103-65-1	n-Propylbenzene	ND	50	11.	U
87-61-6	1,2,3-Trichlorobenzene	ND	250	12.	U
120-82-1	1,2,4-Trichlorobenzene	ND	250	11.	U
108-67-8	1,3,5-Trimethylbenzene	ND	250	8.0	U
95-63-6	1,2,4-Trimethylbenzene	ND	250	9.3	U
123-91-1	1,4-Dioxane	ND	2000	720	U
105-05-5	p-Diethylbenzene	ND	200	200	U
622-96-8	p-Ethyltoluene	ND	200	12.	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	200	7.8	U
60-29-7	Ethyl ether	ND	250	13.	U
110-57-6	trans-1,4-Dichloro-2-butene	ND	250	20.	U



Tentatively Identified Compounds VOA

Client	: AEI Consultants	Lab Number	: L1723686
Project Name	: VAZQUEZ	Project Number	: 344060
Lab ID	: WG1023786-10	Date Collected	: NA
Client ID	: WG1023786-10BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 07/19/17 08:47
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: CBN
Lab File ID	: V17170719A05	Instrument ID	: VOA117
Sample Amount	:	GC Column	: RTX-VMS
Level	:	%Solids	: NA
Extract Volume (MeOH)	: NA	Injection Volume	: 0.1 g

Number TICS found: 3

Concentration Units: ug/Kg

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown	8.33	198	J
	Unknown	11.28	140	J
	Total TIC Compounds		338J	J



Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA104\2017\170714A\
 Data File : V04170714A17.D
 Acq On : 14 Jul 2017 14:43
 Operator : VOA104:JC
 Sample : 11723686-03,31,9.0,5,,b
 Misc : WG1022759,ICAL13672
 ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jul 14 21:35:10 2017
 Quant Method : I:\VOLATILES\VOA104\2017\170714A\V104_170517_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 18 06:45:13 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA104\2017\170714A\V04170714A01.D
 Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Fluorobenzene	5.922	96	147331	20.000	ug/L	0.00
Standard Area 1 = 118675			Recovery = 124.15%			
59) Chlorobenzene-d5	9.446	117	121690	20.000	ug/L	0.00
Standard Area 1 = 108339			Recovery = 112.32%			
79) 1,4-Dichlorobenzene-d4	12.162	152	61203	20.000	ug/L	0.00
Standard Area 1 = 57619			Recovery = 106.22%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.125	113	41874	20.196	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 100.98%			
43) 1,2-Dichloroethane-d4	5.644	65	44769	23.564	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 117.82%			
60) Toluene-d8	7.600	98	152037	21.477	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 107.38%			
83) 4-Bromofluorobenzene	10.945	95	58232	21.658	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 108.29%			
Target Compounds						
2) Dichlorodifluoromethane	0.000		0		N.D.	
3) Chloromethane	0.000		0		N.D. d	
4) Vinyl chloride	0.000		0		N.D.	
5) Bromomethane	2.179	94	482		Below Cal #	2
6) Chloroethane	0.000		0		N.D. d	
7) Trichlorofluoromethane	0.000		0		N.D.	
8) Ethyl ether	0.000		0		N.D.	
10) 1,1-Dichloroethene	0.000		0		N.D.	
11) Carbon disulfide	2.929	76	58249	6.718	ug/L	97
15) Methylene chloride	0.000		0		N.D. d	
17) Acetone	3.505	43	31146	62.595	ug/L	99
18) trans-1,2-Dichloroethene	0.000		0		N.D.	
20) Methyl tert-butyl ether	3.699	73	250		N.D.	
23) 1,1-Dichloroethane	0.000		0		N.D. d	
25) Acrylonitrile	0.000		0		N.D. d	
27) Vinyl acetate	0.000		0		N.D. d	
28) cis-1,2-Dichloroethene	0.000		0		N.D.	
29) 2,2-Dichloropropane	0.000		0		N.D. d	
30) Bromochloromethane	0.000		0		N.D.	
32) Chloroform	0.000		0		N.D. d	

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA104\2017\170714A\
 Data File : V04170714A17.D
 Acq On : 14 Jul 2017 14:43
 Operator : VOA104:JC
 Sample : 11723686-03,31,9.0,5,,b
 Misc : WG1022759,ICAL13672
 ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jul 14 21:35:10 2017
 Quant Method : I:\VOLATILES\VOA104\2017\170714A\V104_170517_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 18 06:45:13 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA104\2017\170714A\V04170714A01.D
 Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Carbon tetrachloride	0.000		0		N.D.	
37) 1,1,1-Trichloroethane	0.000		0		N.D. d	
39) 2-Butanone	0.000		0		N.D. d	
40) 1,1-Dichloropropene	0.000		0		N.D.	
41) Benzene	5.503	78	39832	4.720	ug/L	99
44) 1,2-Dichloroethane	5.629	62	98		N.D.	
48) Trichloroethene	0.000		0		N.D. d	
50) Dibromomethane	0.000		0		N.D. d	
51) 1,2-Dichloropropane	0.000		0		N.D. d	
54) Bromodichloromethane	0.000		0		N.D. d	
57) 1,4-Dioxane	0.000		0		N.D.	
58) cis-1,3-Dichloropropene	0.000		0		N.D.	
61) Toluene	7.658	92	69167	13.077	ug/L	99
62) 4-Methyl-2-pentanone	0.000		0		N.D. d	
63) Tetrachloroethene	0.000		0		N.D.	
65) trans-1,3-Dichloropropene	0.000		0		N.D.	
68) 1,1,2-Trichloroethane	0.000		0		N.D. d	
69) Chlorodibromomethane	0.000		0		N.D.	
70) 1,3-Dichloropropane	0.000		0		N.D.	
71) 1,2-Dibromoethane	0.000		0		N.D.	
72) 2-Hexanone	0.000		0		N.D. d	
73) Chlorobenzene	0.000		0		N.D. d	
74) Ethylbenzene	9.493	91	801959	78.875	ug/L	100
75) 1,1,1,2-Tetrachloroethane	0.000		0		N.D.	
76) p/m Xylene	9.676	106	652216	158.404	ug/L	97
77) o Xylene	10.227	106	158176	40.303	ug/L	97
78) Styrene	0.000		0		N.D. d	
80) Bromoform	0.000		0		N.D.	
82) Isopropylbenzene	10.610	105	68045	6.735	ug/L	97
84) Bromobenzene	0.000		0		N.D.	
85) n-Propylbenzene	11.097	91	241849	21.570	ug/L	100
87) 1,1,2,2-Tetrachloroethane	0.000		0		N.D. d	
88) 4-Ethyltoluene	11.207	105	683422	70.187	ug/L	100
89) 2-Chlorotoluene	0.000		0		N.D. d	
90) 1,3,5-Trimethylbenzene	11.323	105	238695	28.208	ug/L	99
91) 1,2,3-Trichloropropane	0.000		0		N.D. d	
92) trans-1,4-Dichloro-2-b...	0.000		0		N.D. d	
93) 4-Chlorotoluene	0.000		0		N.D. d	
94) tert-Butylbenzene	0.000		0		N.D. d	

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA104\2017\170714A\
 Data File : V04170714A17.D
 Acq On : 14 Jul 2017 14:43
 Operator : VOA104:JC
 Sample : 11723686-03,31,9.0,5,,b
 Misc : WG1022759,ICAL13672
 ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jul 14 21:35:10 2017
 Quant Method : I:\VOLATILES\VOA104\2017\170714A\V104_170517_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 18 06:45:13 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA104\2017\170714A\V04170714A01.D
 Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97) 1,2,4-Trimethylbenzene	11.742	105	542474	64.163	ug/L	97
98) sec-Butylbenzene	11.852	105	28711	2.717	ug/L #	60
99) p-Isopropyltoluene	12.015	119	10345	1.138	ug/L	91
100) 1,3-Dichlorobenzene	0.000		0	N.D.		
101) 1,4-Dichlorobenzene	0.000		0	N.D.		
102) p-Diethylbenzene	0.000		0	N.D.	d	
103) n-Butylbenzene	12.445	91	26808	3.382	ug/L #	68
104) 1,2-Dichlorobenzene	0.000		0	N.D.		
105) 1,2,4,5-Tetramethylben...	13.184	119	49282	5.650	ug/L	97
106) 1,2-Dibromo-3-chloropr...	0.000		0	N.D.		
108) Hexachlorobutadiene	0.000		0	N.D.		
109) 1,2,4-Trichlorobenzene	0.000		0	N.D.		
110) Naphthalene	14.311	128	21007	2.791	ug/L	100
111) 1,2,3-Trichlorobenzene	0.000		0	N.D.		

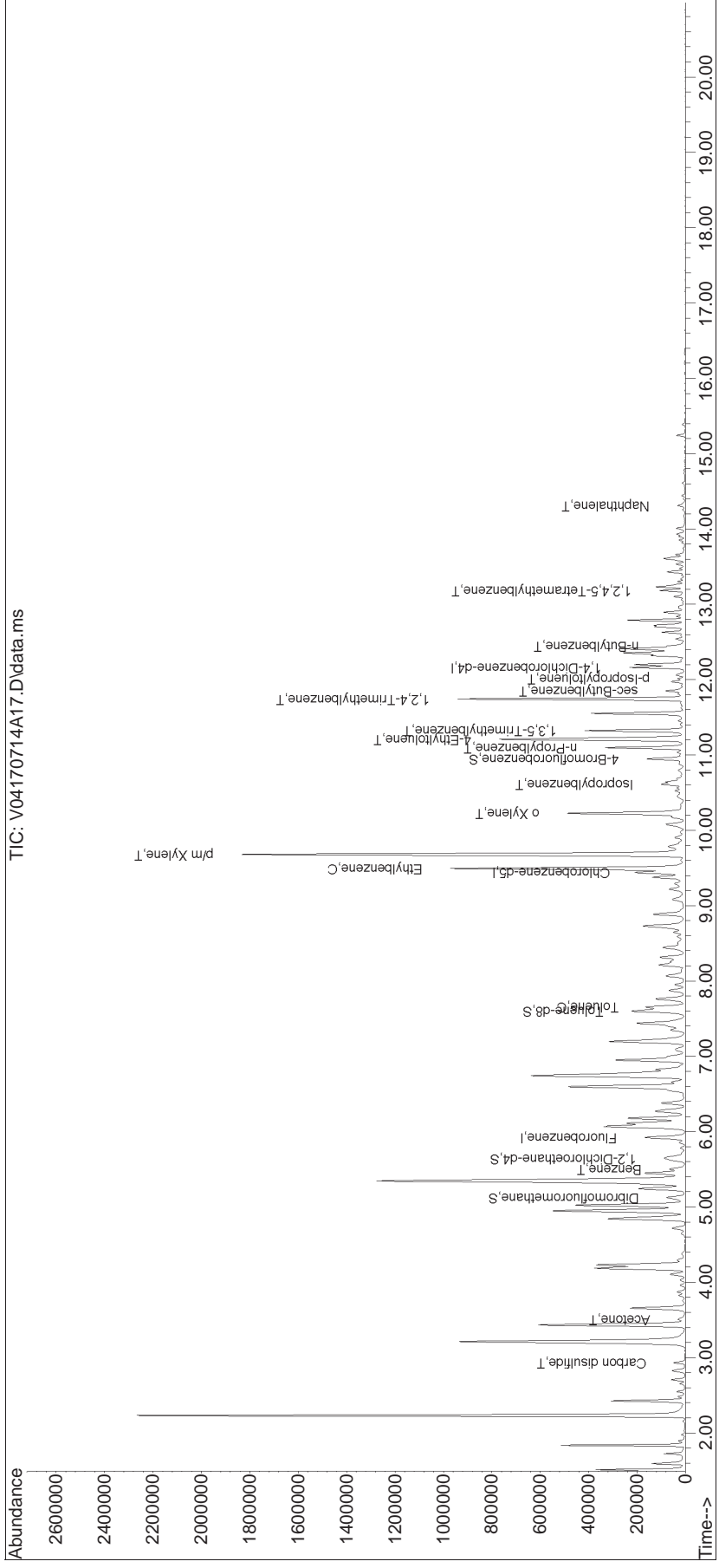
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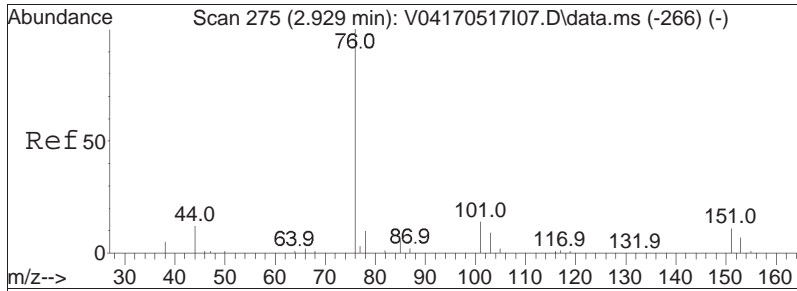
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA104\2017\170714A\
Data File : V04170714A17.D
Acq On : 14 Jul 2017 14:43
Operator : VOA104:JC
Sample : 11723686-03,31,9.0,5,,b
Misc : WG1022759,ICAL13672
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jul 14 21:35:10 2017
Quant Method : I:\VOLATILES\VOA104\2017\170714A\2017\170714A\V104_170517_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu May 18 06:45:13 2017
Response via : Initial Calibration

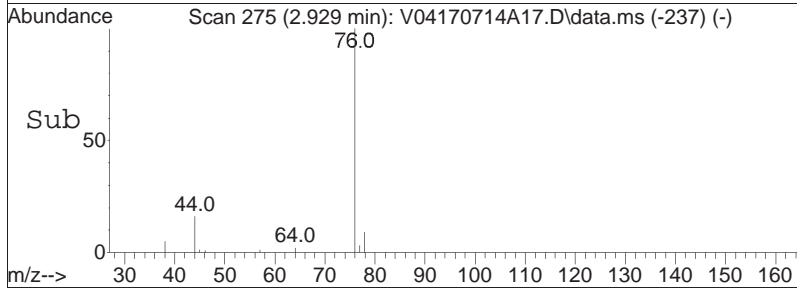
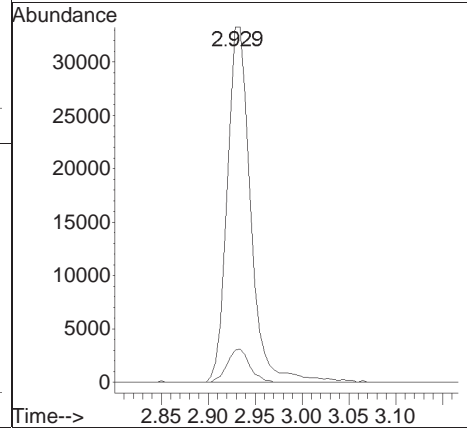
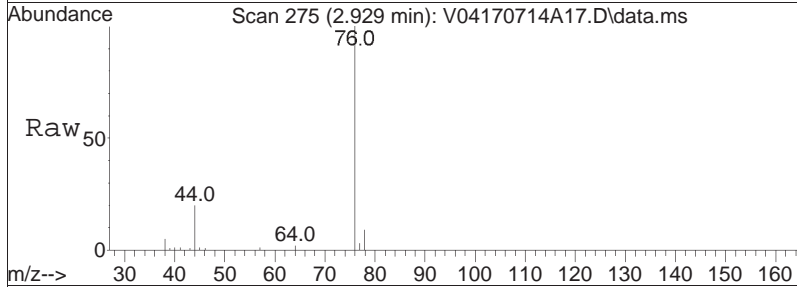
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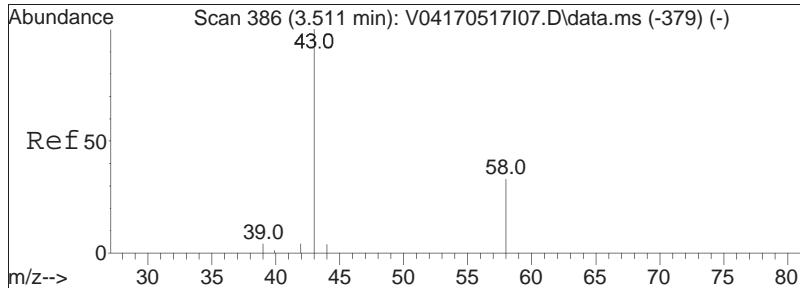




#11
 Carbon disulfide
 Concen: 6.72 ug/L
 RT: 2.929 min Scan# 275
 Delta R.T. -0.000 min
 Lab File: V04170714A17.D
 Acq: 14 Jul 2017 14:43

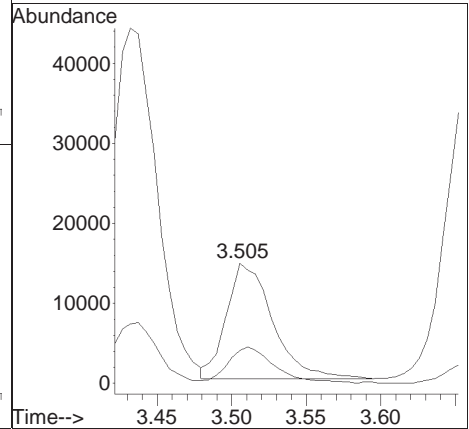
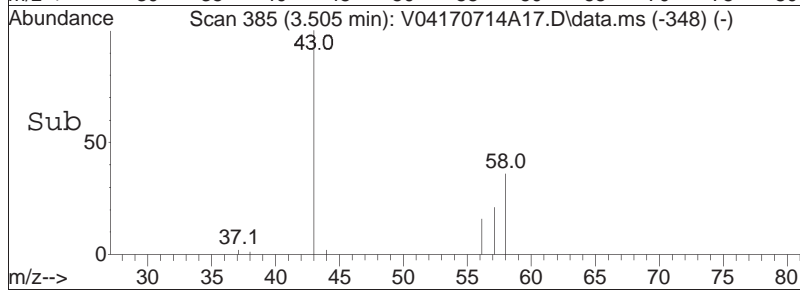
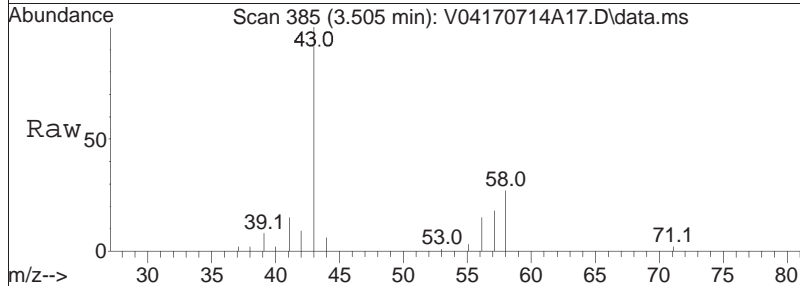
Tgt Ion: 76 Resp: 58249
 Ion Ratio Lower Upper
 76 100
 78 9.0 6.5 13.5

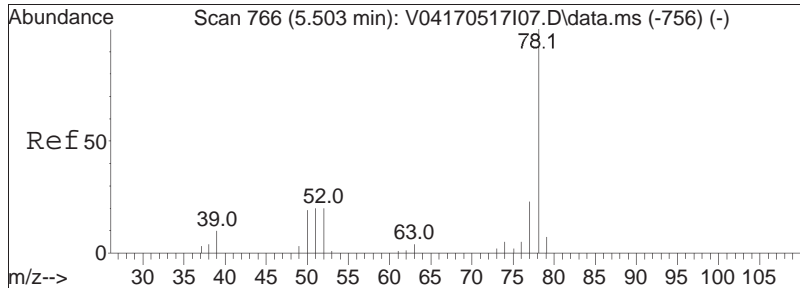




#17
 Acetone
 Concen: 62.60 ug/L
 RT: 3.505 min Scan# 385
 Delta R.T. -0.006 min
 Lab File: V04170714A17.D
 Acq: 14 Jul 2017 14:43

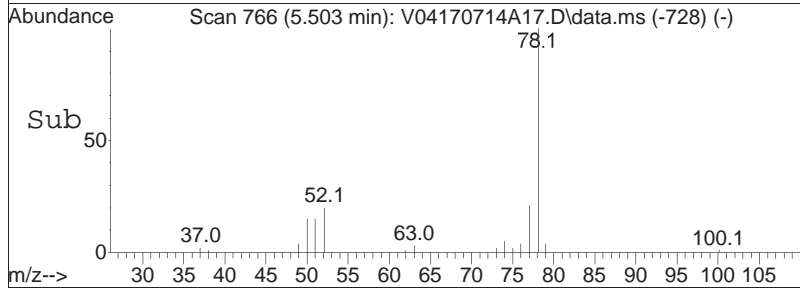
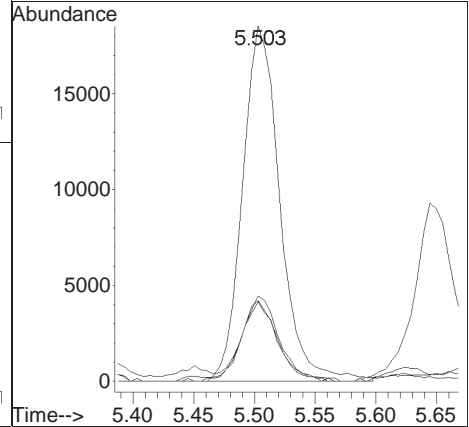
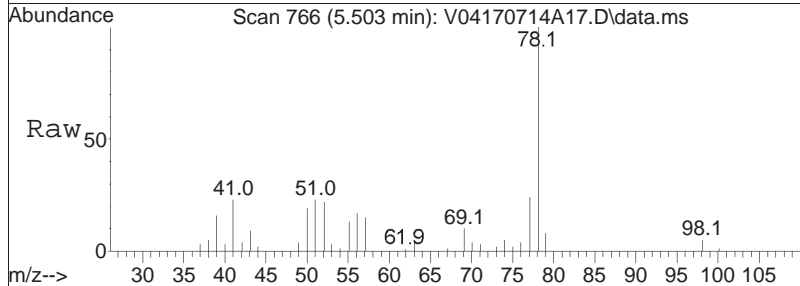
Tgt Ion: 43 Resp: 31146
 Ion Ratio Lower Upper
 43 100
 58 32.1 26.0 39.0

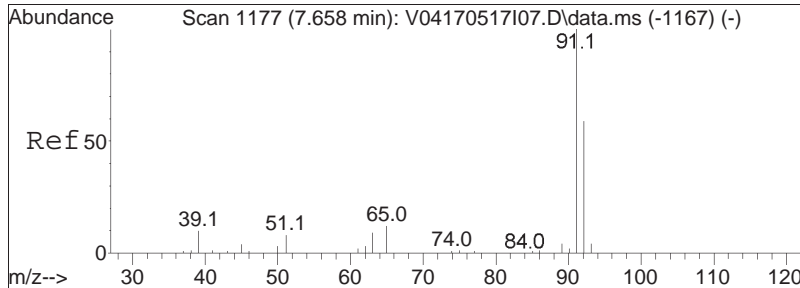




#41
Benzene
Concen: 4.72 ug/L
RT: 5.503 min Scan# 766
Delta R.T. -0.000 min
Lab File: V04170714A17.D
Acq: 14 Jul 2017 14:43

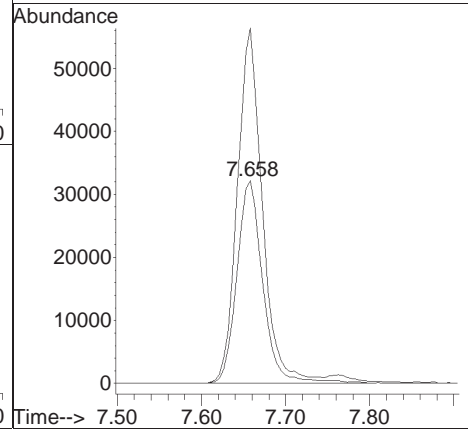
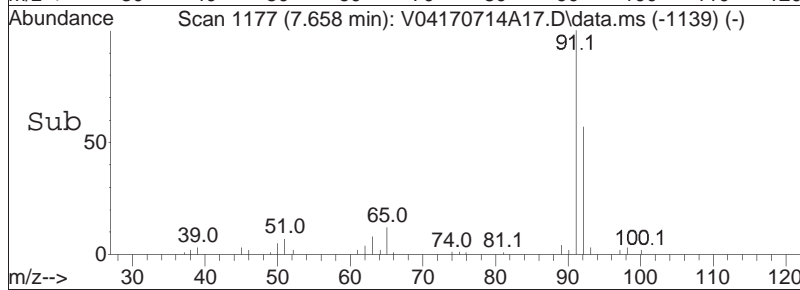
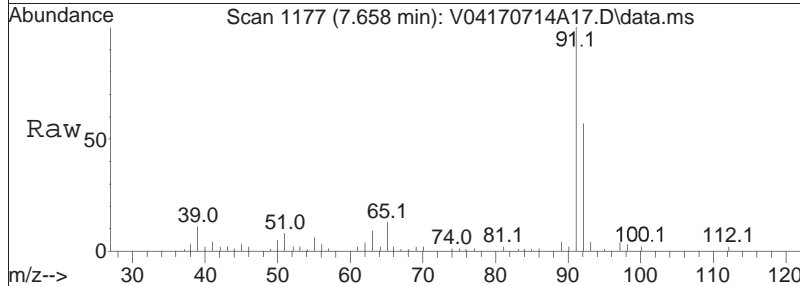
Tgt Ion	Resp	Lower	Upper
78	39832		
77	24.1	15.2	31.6
51	22.6	14.1	29.3
52	21.6	14.0	29.2

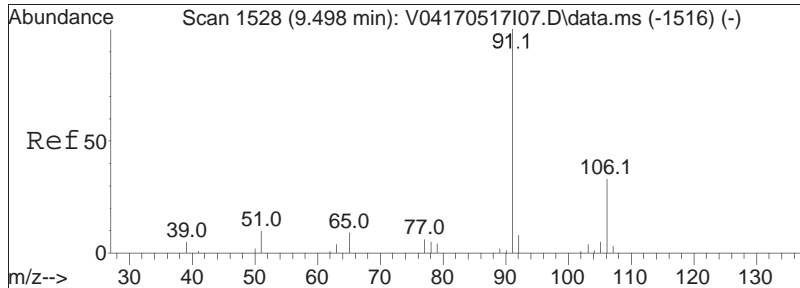




#61
 Toluene
 Concen: 13.08 ug/L
 RT: 7.658 min Scan# 1177
 Delta R.T. -0.000 min
 Lab File: V04170714A17.D
 Acq: 14 Jul 2017 14:43

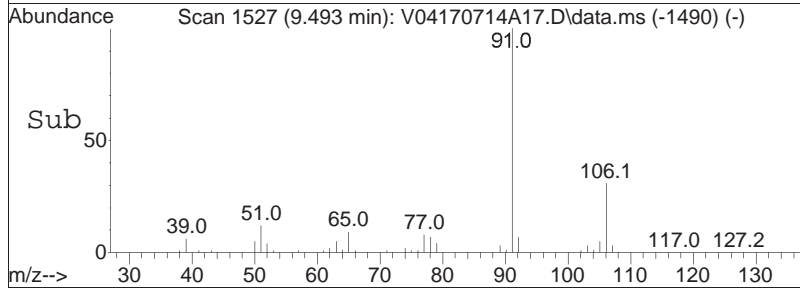
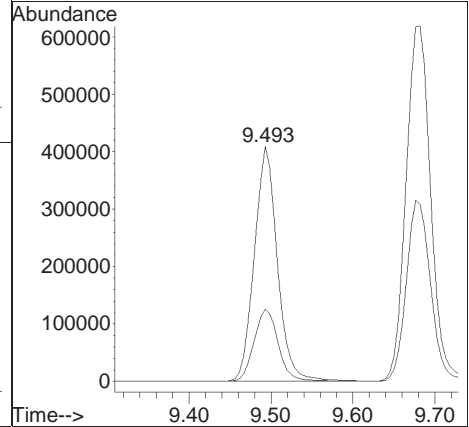
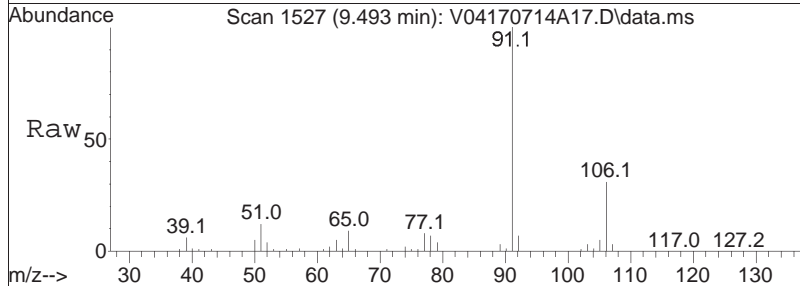
Tgt Ion: 92 Resp: 69167
 Ion Ratio Lower Upper
 92 100
 91 168.0 135.4 203.2

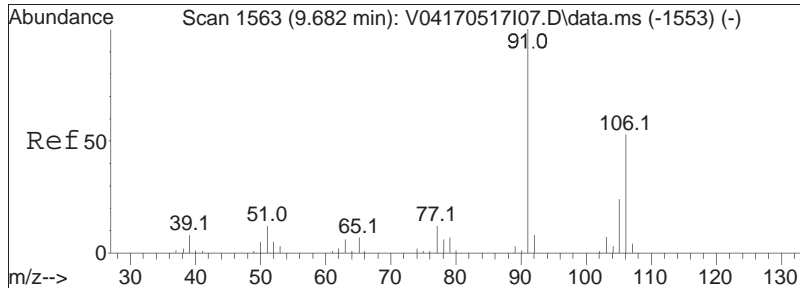




#74
 Ethylbenzene
 Concen: 78.87 ug/L
 RT: 9.493 min Scan# 1527
 Delta R.T. -0.005 min
 Lab File: V04170714A17.D
 Acq: 14 Jul 2017 14:43

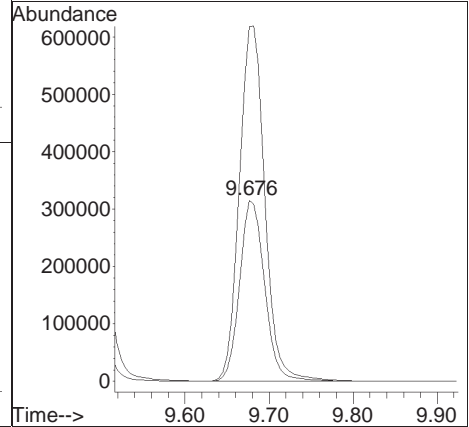
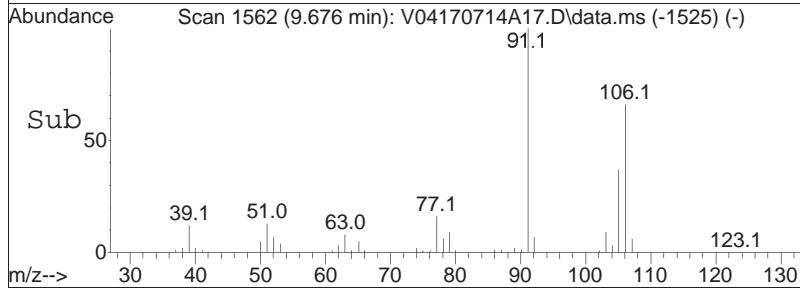
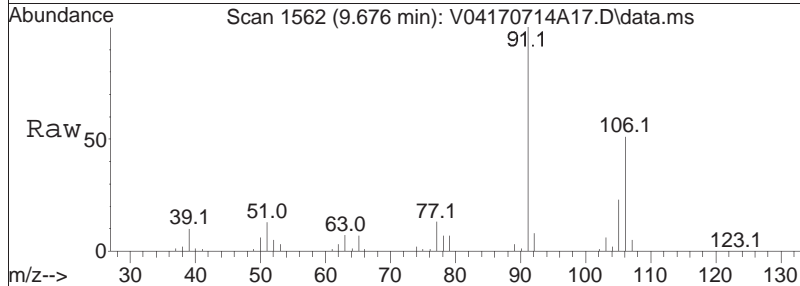
Tgt Ion:	91	Resp:	801959
Ion Ratio	Lower	Upper	
91	100		
106	32.2	25.8	38.8

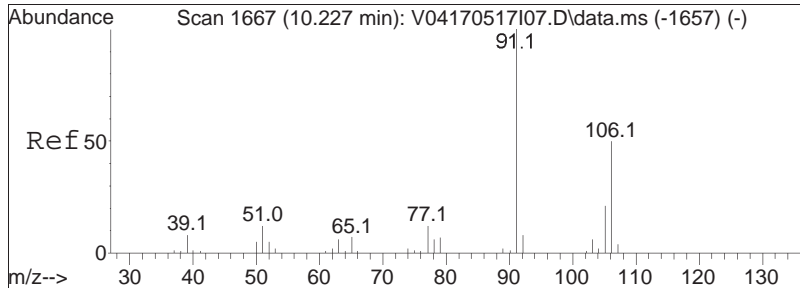




#76
 p/m Xylene
 Concen: 158.40 ug/L
 RT: 9.676 min Scan# 1562
 Delta R.T. -0.006 min
 Lab File: V04170714A17.D
 Acq: 14 Jul 2017 14:43

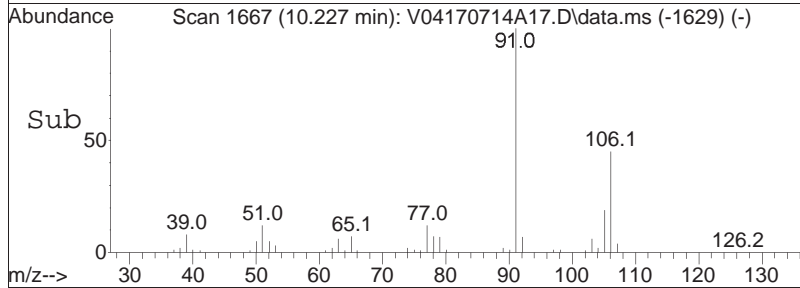
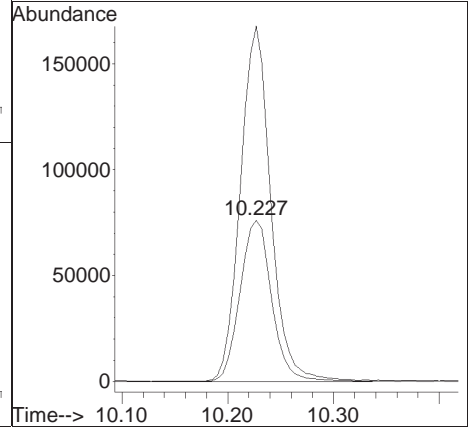
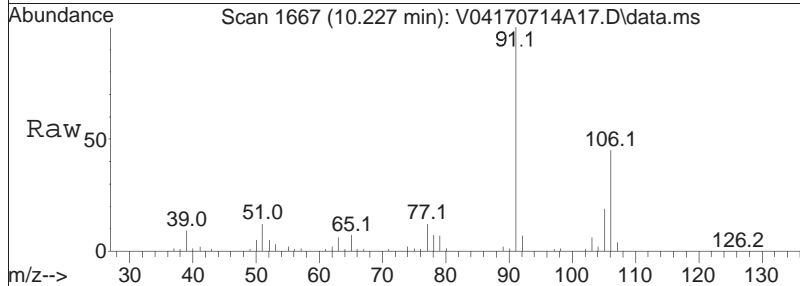
Tgt Ion	Resp	Lower	Upper
106	100		
91	199.2	155.4	233.0

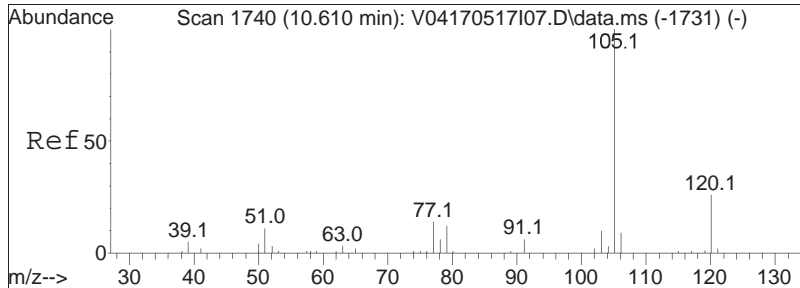




#77
 o Xylene
 Concen: 40.30 ug/L
 RT: 10.227 min Scan# 1667
 Delta R.T. -0.000 min
 Lab File: V04170714A17.D
 Acq: 14 Jul 2017 14:43

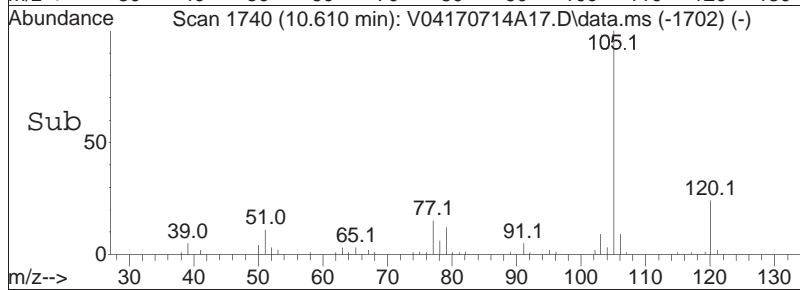
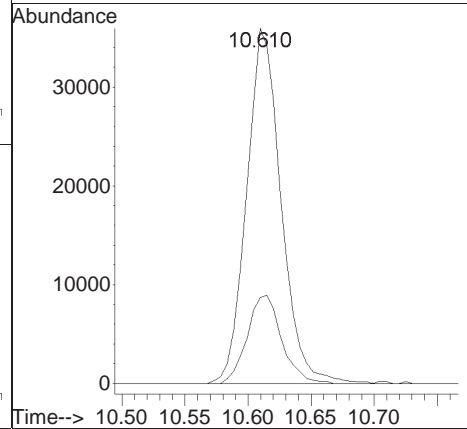
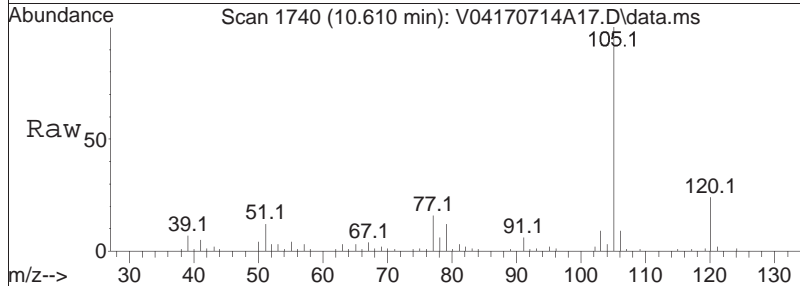
Tgt Ion	Resp	Lower	Upper
106	100		
91	210.7	164.9	247.3

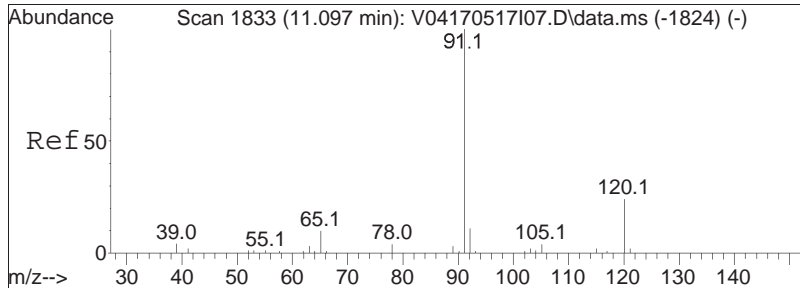




#82
 Isopropylbenzene
 Concen: 6.73 ug/L
 RT: 10.610 min Scan# 1740
 Delta R.T. -0.000 min
 Lab File: V04170714A17.D
 Acq: 14 Jul 2017 14:43

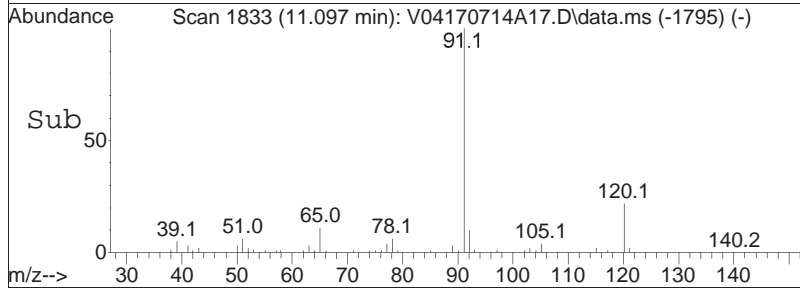
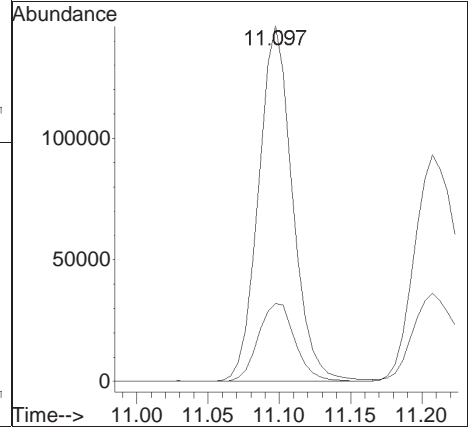
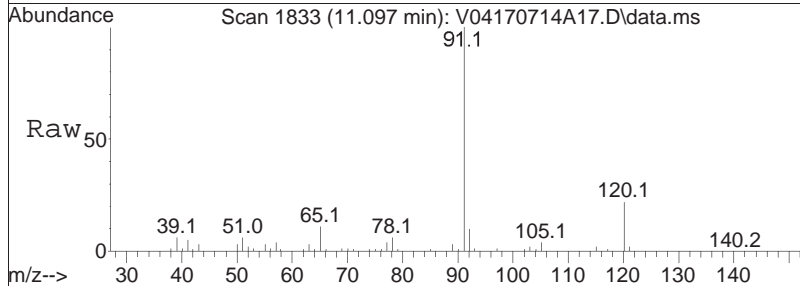
Tgt Ion	Resp	Lower	Upper
105	100		
120	24.8	6.3	46.3

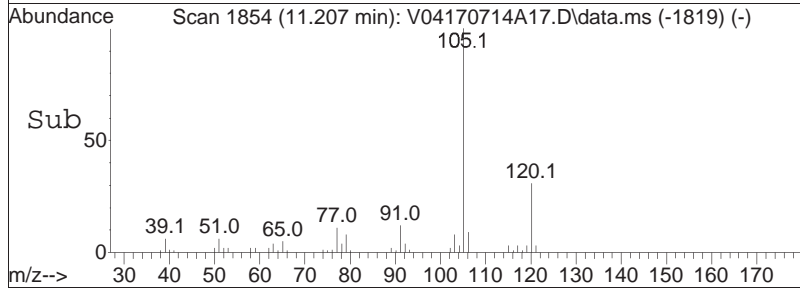
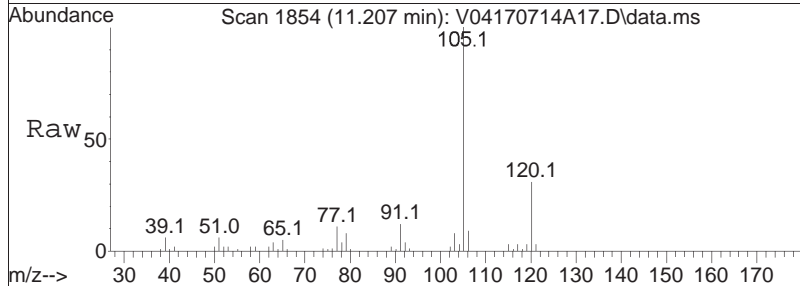
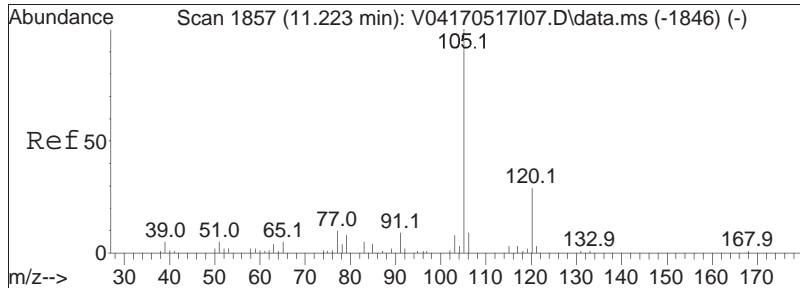




#85
 n-Propylbenzene
 Concen: 21.57 ug/L
 RT: 11.097 min Scan# 1833
 Delta R.T. 0.000 min
 Lab File: V04170714A17.D
 Acq: 14 Jul 2017 14:43

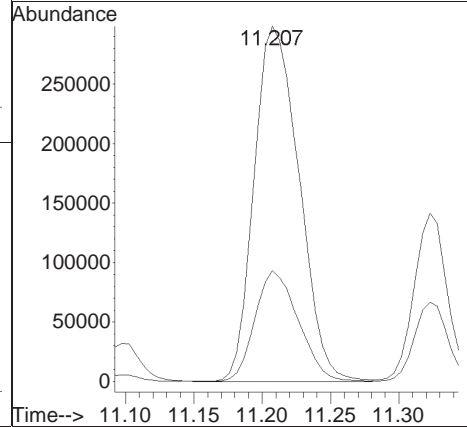
Tgt Ion: 91 Resp: 241849
 Ion Ratio Lower Upper
 91 100
 120 23.7 19.1 28.7

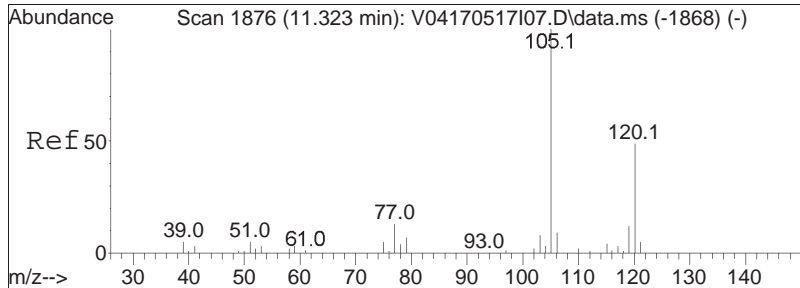




#88
 4-Ethyltoluene
 Concen: 70.19 ug/L
 RT: 11.207 min Scan# 1854
 Delta R.T. -0.016 min
 Lab File: V04170714A17.D
 Acq: 14 Jul 2017 14:43

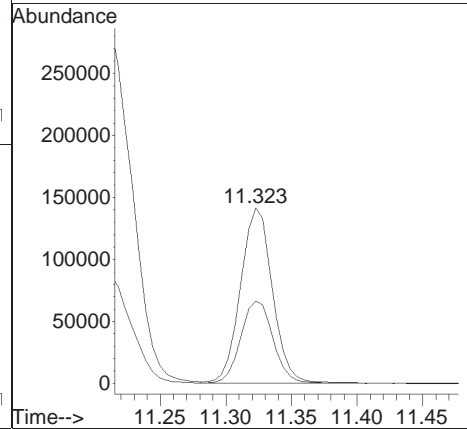
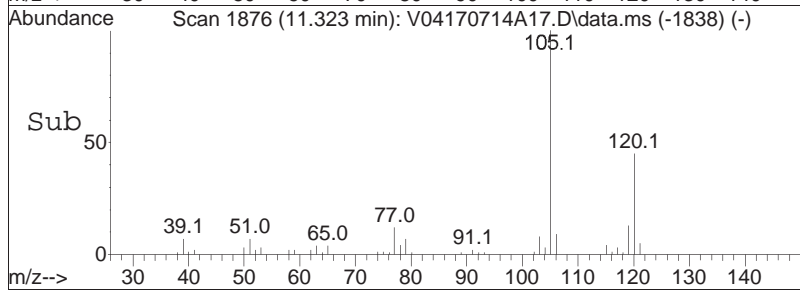
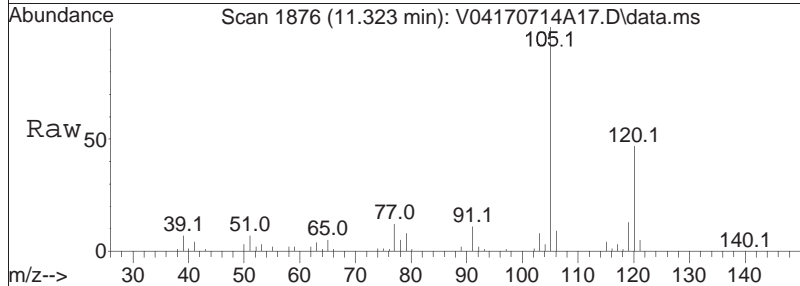
Tgt Ion	Ratio	Lower	Upper
105	100		
120	29.9	19.5	40.5

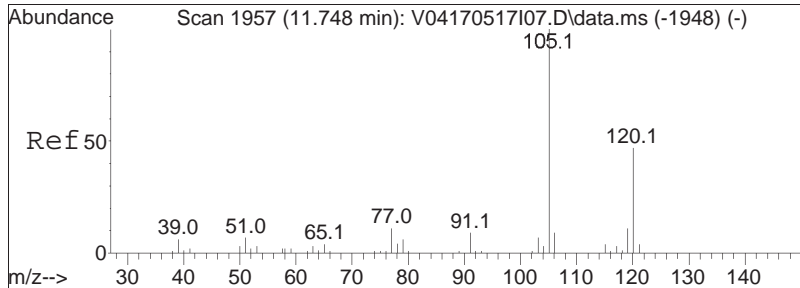




#90
 1,3,5-Trimethylbenzene
 Concen: 28.21 ug/L
 RT: 11.323 min Scan# 1876
 Delta R.T. -0.000 min
 Lab File: V04170714A17.D
 Acq: 14 Jul 2017 14:43

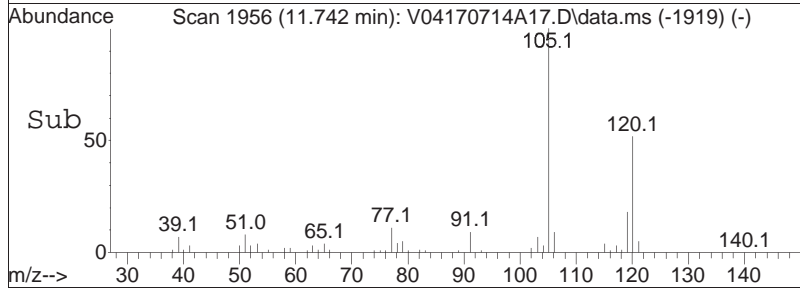
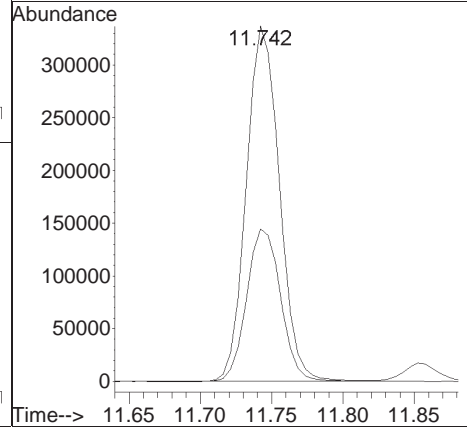
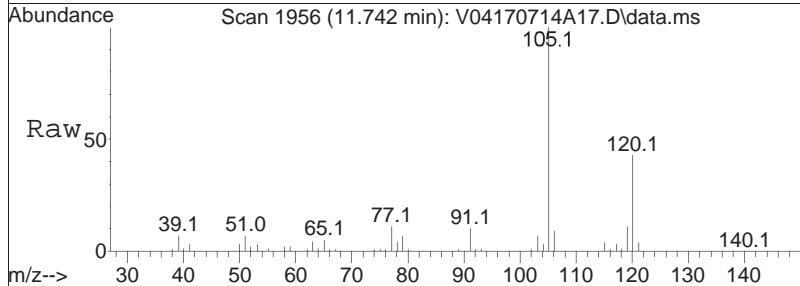
Tgt Ion	Resp	Lower	Upper
105	100		
120	48.0	38.9	58.3

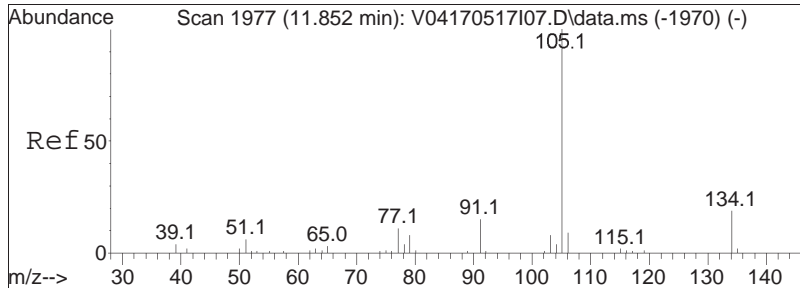




#97
 1,2,4-Trimethylbenzene
 Concen: 64.16 ug/L
 RT: 11.742 min Scan# 1956
 Delta R.T. -0.006 min
 Lab File: V04170714A17.D
 Acq: 14 Jul 2017 14:43

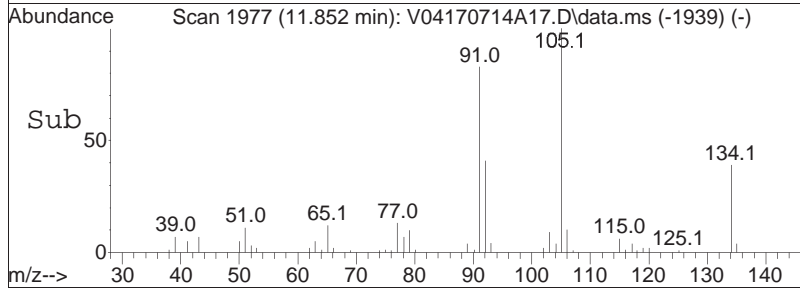
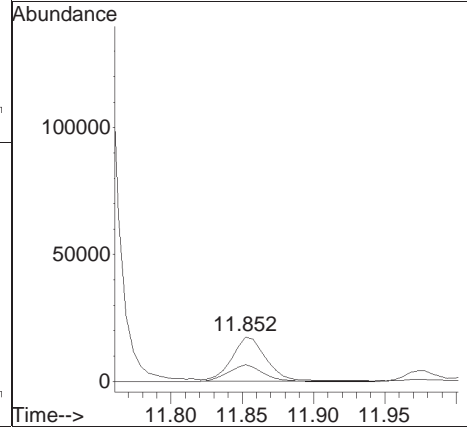
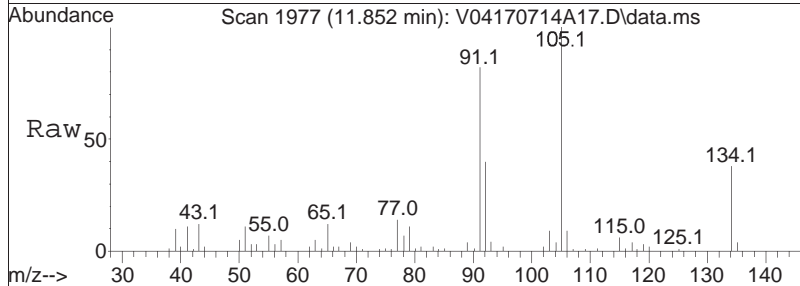
Tgt Ion	Resp	Lower	Upper
105	100		
120	44.3	36.8	55.2

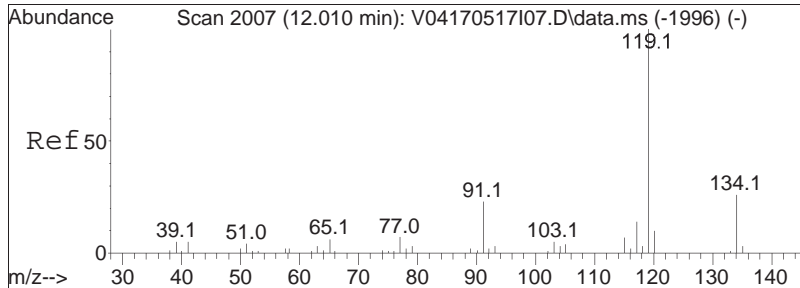




#98
 sec-Butylbenzene
 Concen: 2.72 ug/L
 RT: 11.852 min Scan# 1977
 Delta R.T. 0.000 min
 Lab File: V04170714A17.D
 Acq: 14 Jul 2017 14:43

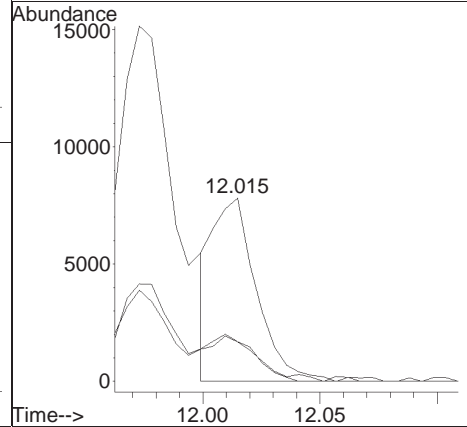
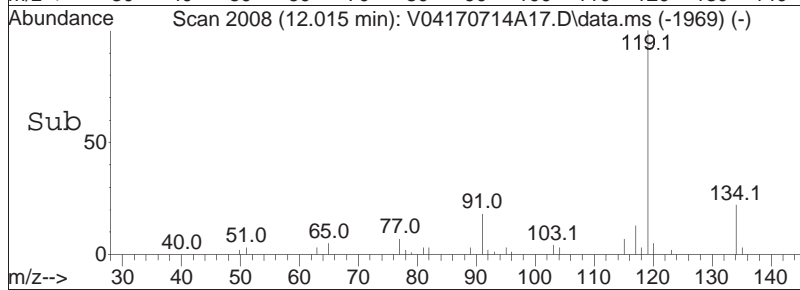
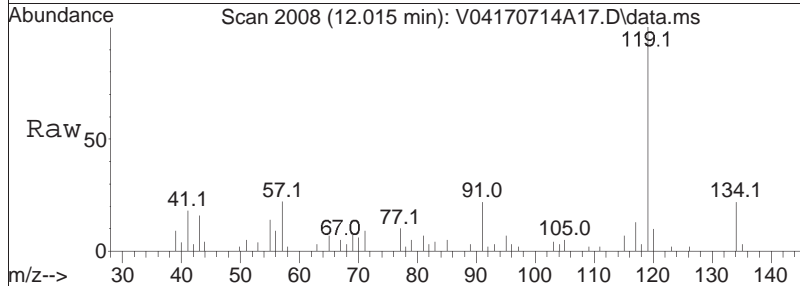
Tgt Ion	Resp	Lower	Upper
105	100		
134	38.1	12.9	26.9#

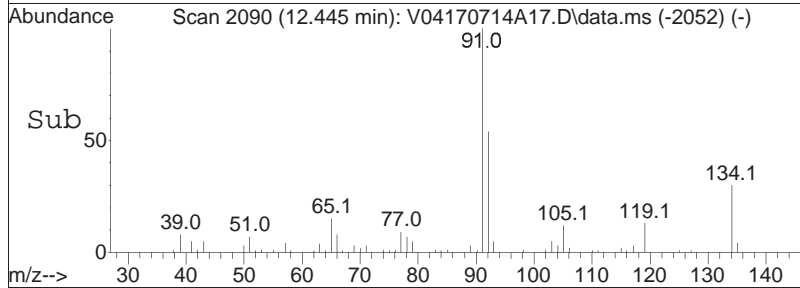
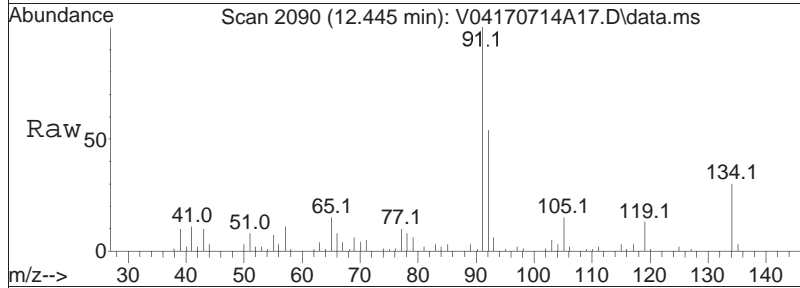
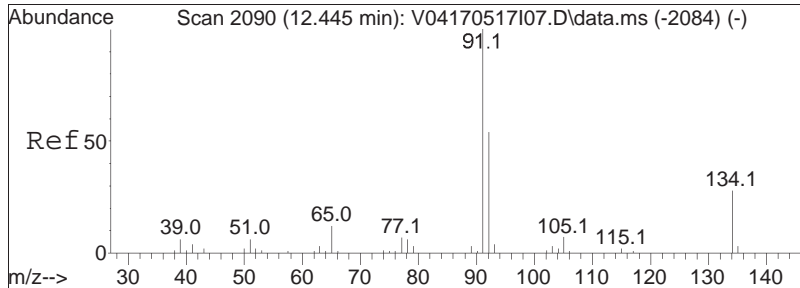




#99
 p-Isopropyltoluene
 Concen: 1.14 ug/L
 RT: 12.015 min Scan# 2008
 Delta R.T. 0.005 min
 Lab File: V04170714A17.D
 Acq: 14 Jul 2017 14:43

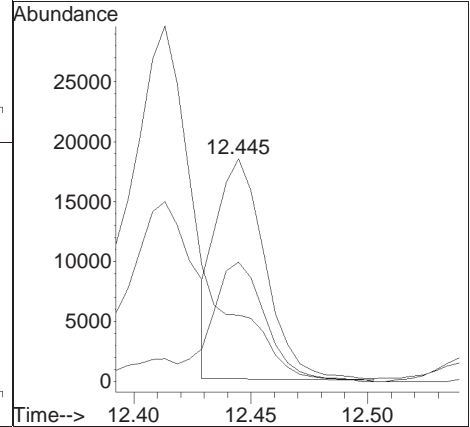
Tgt Ion	Resp	Lower	Upper
119	10345		
134	25.0	17.2	35.8
91	29.8	14.4	30.0

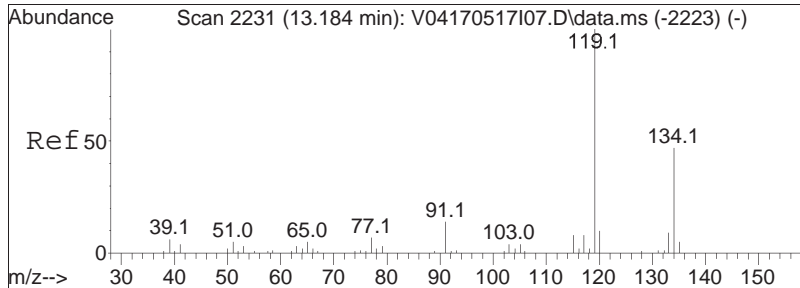




#103
 n-Butylbenzene
 Concen: 3.38 ug/L
 RT: 12.445 min Scan# 2090
 Delta R.T. -0.000 min
 Lab File: V04170714A17.D
 Acq: 14 Jul 2017 14:43

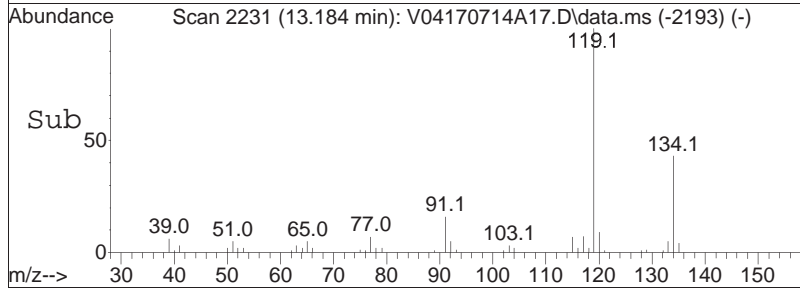
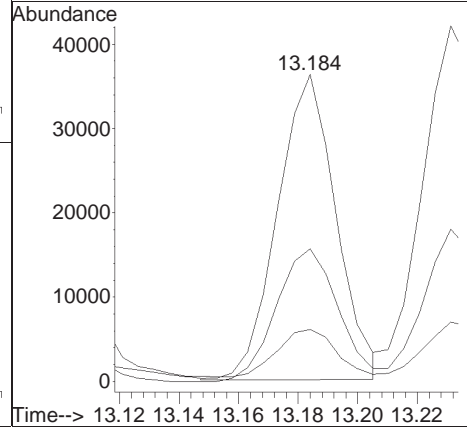
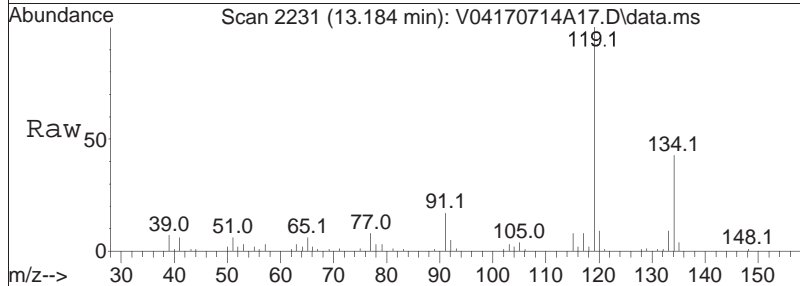
Tgt Ion:	Resp:	Lower	Upper
91	100		
92	71.1	45.0	67.4#
134	0.0	23.4	35.0#

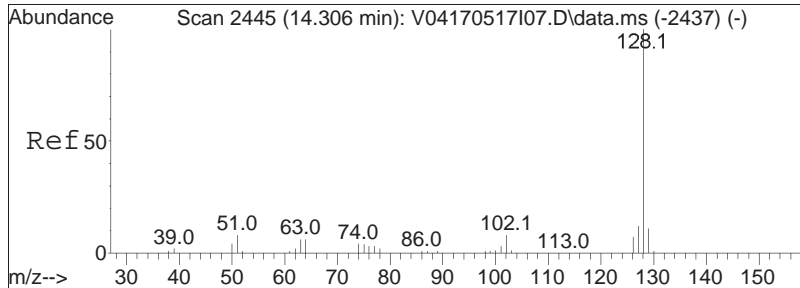




#105
 1,2,4,5-Tetramethylbenzene
 Concen: 5.65 ug/L
 RT: 13.184 min Scan# 2231
 Delta R.T. -0.000 min
 Lab File: V04170714A17.D
 Acq: 14 Jul 2017 14:43

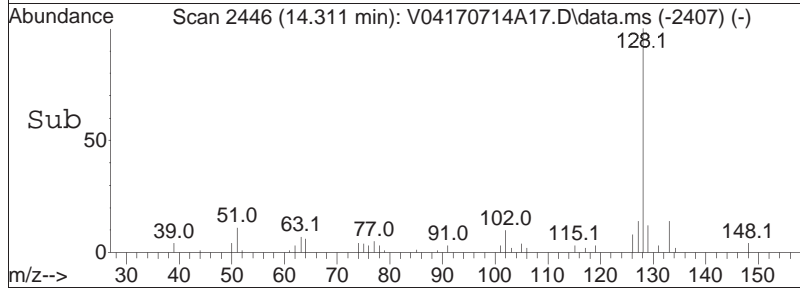
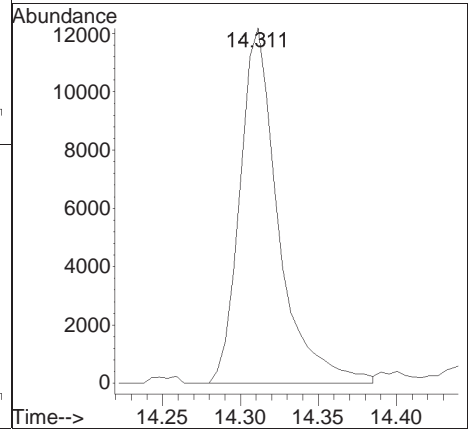
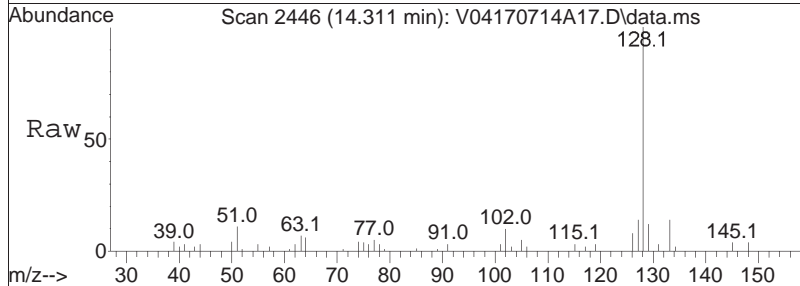
Tgt Ion	Resp	Lower	Upper
119	49282		
119	100		
134	47.0	31.6	65.6
91	17.6	9.8	20.3





#110
 Naphthalene
 Concen: 2.79 ug/L
 RT: 14.311 min Scan# 2446
 Delta R.T. 0.005 min
 Lab File: V04170714A17.D
 Acq: 14 Jul 2017 14:43

Tgt Ion:128 Resp: 21007



Manual Integration Report

Data Path : I:\VOLATILES\VOA104\2017\1QMethod : V104_170517_8260.m
Data File : V04170714A17.D Operator : VOA104:JC
Date Inj'd : 7/14/2017 14:43 Instrument : VOA 104
Sample : 11723686-03,31,9.0,5,,b Quant Date : 7/14/2017 3:57 pm

There are no manual integrations or false positives in this file.

Manual Integration Report

Data Path : I:\VOLATILES\VOA104\2017\1QMethod : V104_170517_8260.m
Data File : V04170714A17.D Operator : VOA104:JC
Date Inj'd : 7/14/2017 14:43 Instrument : VOA 104
Sample : 11723686-03,31,9.0,5,,b Quant Date : 7/14/2017 3:57 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA117\2017\170716A\
 Data File : V17170716A22.D
 Acq On : 16 Jul 2017 05:06 pm
 Operator : VOA117:MV
 Sample : 11723686-11,31,6.3,5,,b
 Misc : WG1023115,ICAL13689
 ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jul 17 07:18:23 2017
 Quant Method : I:\VOLATILES\VOA117\2017\170716A\V117_170525_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 25 12:01:44 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA117\2017\170716A\V17170716A01.D
 Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	

Internal Standards							
1) Fluorobenzene	6.347	96	158448	20.000	ug/L	0.00	
Standard Area 1 = 144303			Recovery = 109.80%				
59) Chlorobenzene-d5	9.913	117	124425	20.000	ug/L	0.00	
Standard Area 1 = 109443			Recovery = 113.69%				
79) 1,4-Dichlorobenzene-d4	12.534	152	66081	20.000	ug/L	0.00	
Standard Area 1 = 60580			Recovery = 109.08%				
System Monitoring Compounds							
36) Dibromofluoromethane	5.519	113	40840	19.315	ug/L	0.00	
Spiked Amount 20.000	Range 70 - 130		Recovery = 96.58%				
43) 1,2-Dichloroethane-d4	6.064	65	37971	17.542	ug/L	0.00	
Spiked Amount 20.000	Range 70 - 130		Recovery = 87.71%				
60) Toluene-d8	8.057	98	165668	20.570	ug/L	0.00	
Spiked Amount 20.000	Range 70 - 130		Recovery = 102.85%				
83) 4-Bromofluorobenzene	11.355	95	62572	21.683	ug/L	0.00	
Spiked Amount 20.000	Range 70 - 130		Recovery = 108.41%				
Target Compounds							
2) Dichlorodifluoromethane	0.000		0		N.D.		Qvalue
3) Chloromethane	0.000		0		N.D.	d	
4) Vinyl chloride	0.000		0		N.D.		
5) Bromomethane	0.000		0		N.D.		
6) Chloroethane	0.000		0		N.D.		
7) Trichlorofluoromethane	0.000		0		N.D.		
8) Ethyl ether	0.000		0		N.D.		
10) 1,1-Dichloroethene	0.000		0		N.D.		
11) Carbon disulfide	3.233	76	5718	0.610	ug/L		92
15) Methylene chloride	3.784	84	1182	0.427	ug/L		74
17) Acetone	3.846	43	2158	3.171	ug/L		94
18) trans-1,2-Dichloroethene	0.000		0		N.D.		
20) Methyl tert-butyl ether	0.000		0		N.D.		
23) 1,1-Dichloroethane	0.000		0		N.D.		
25) Acrylonitrile	0.000		0		N.D.		
27) Vinyl acetate	0.000		0		N.D.		
28) cis-1,2-Dichloroethene	0.000		0		N.D.		
29) 2,2-Dichloropropane	5.241	77	55		N.D.		
30) Bromochloromethane	0.000		0		N.D.		
32) Chloroform	0.000		0		N.D.		

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA117\2017\170716A\
 Data File : V17170716A22.D
 Acq On : 16 Jul 2017 05:06 pm
 Operator : VOA117:MV
 Sample : 11723686-11,31,6.3,5,,b
 Misc : WG1023115,ICAL13689
 ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jul 17 07:18:23 2017
 Quant Method : I:\VOLATILES\VOA117\2017\170716A\V117_170525_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 25 12:01:44 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA117\2017\170716A\V17170716A01.D
 Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Carbon tetrachloride	0.000		0	N.D.		
37) 1,1,1-Trichloroethane	0.000		0	N.D.		
39) 2-Butanone	0.000		0	N.D.	d	
40) 1,1-Dichloropropene	0.000		0	N.D.		
41) Benzene	5.928	78	2519	0.225	ug/L #	82
44) 1,2-Dichloroethane	0.000		0	N.D.		
48) Trichloroethene	0.000		0	N.D.		
50) Dibromomethane	0.000		0	N.D.		
51) 1,2-Dichloropropane	0.000		0	N.D.		
54) Bromodichloromethane	0.000		0	N.D.	d	
57) 1,4-Dioxane	0.000		0	N.D.		
58) cis-1,3-Dichloropropene	0.000		0	N.D.		
61) Toluene	8.114	92	4320	0.648	ug/L	95
62) 4-Methyl-2-pentanone	0.000		0	N.D.		
63) Tetrachloroethene	8.565	166	482	0.155	ug/L #	49
65) trans-1,3-Dichloropropene	0.000		0	N.D.		
68) 1,1,2-Trichloroethane	0.000		0	N.D.	d	
69) Chlorodibromomethane	0.000		0	N.D.		
70) 1,3-Dichloropropane	0.000		0	N.D.		
71) 1,2-Dibromoethane	0.000		0	N.D.		
72) 2-Hexanone	0.000		0	N.D.	d	
73) Chlorobenzene	0.000		0	N.D.		
74) Ethylbenzene	9.970	91	4815	0.363	ug/L	96
75) 1,1,1,2-Tetrachloroethane	0.000		0	N.D.		
76) p/m Xylene	10.159	106	5158	1.013	ug/L	95
77) o Xylene	10.678	106	2765	0.572	ug/L	93
78) Styrene	0.000		0	N.D.		
80) Bromoform	0.000		0	N.D.		
82) Isopropylbenzene	11.040	105	2922	0.235	ug/L	92
84) Bromobenzene	0.000		0	N.D.		
85) n-Propylbenzene	11.501	91	12427	0.803	ug/L	97
87) 1,1,2,2-Tetrachloroethane	0.000		0	N.D.		
88) 4-Ethyltoluene	11.617	105	34819	2.803	ug/L	100
89) 2-Chlorotoluene	0.000		0	N.D.	d	
90) 1,3,5-Trimethylbenzene	11.716	105	9188	0.825	ug/L	96
91) 1,2,3-Trichloropropane	0.000		0	N.D.		
92) trans-1,4-Dichloro-2-b...	0.000		0	N.D.	d	
93) 4-Chlorotoluene	0.000		0	N.D.	d	
94) tert-Butylbenzene	0.000		0	N.D.	d	

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA117\2017\170716A\
 Data File : V17170716A22.D
 Acq On : 16 Jul 2017 05:06 pm
 Operator : VOA117:MV
 Sample : 11723686-11,31,6.3,5,,b
 Misc : WG1023115,ICAL13689
 ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jul 17 07:18:23 2017
 Quant Method : I:\VOLATILES\VOA117\2017\170716A\V117_170525_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 25 12:01:44 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA117\2017\170716A\V17170716A01.D
 Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97) 1,2,4-Trimethylbenzene	12.131	105	75215	6.854	ug/L	97
98) sec-Butylbenzene	12.235	105	3389	0.243	ug/L #	51
99) p-Isopropyltoluene	12.387	119	1429M1	0.121	ug/L	
100) 1,3-Dichlorobenzene	0.000		0		N.D.	
101) 1,4-Dichlorobenzene	0.000		0		N.D.	
102) p-Diethylbenzene	12.781	119	19517	2.692	ug/L	96
103) n-Butylbenzene	12.807	91	4414	0.362	ug/L #	81
104) 1,2-Dichlorobenzene	0.000		0		N.D.	
105) 1,2,4,5-Tetramethylben...	13.536	119	32662	2.986	ug/L	96
106) 1,2-Dibromo-3-chloropr...	0.000		0		N.D.	
108) Hexachlorobutadiene	0.000		0		N.D.	
109) 1,2,4-Trichlorobenzene	0.000		0		N.D.	
110) Naphthalene	14.652	128	5730	0.768	ug/L	100
111) 1,2,3-Trichlorobenzene	0.000		0		N.D.	

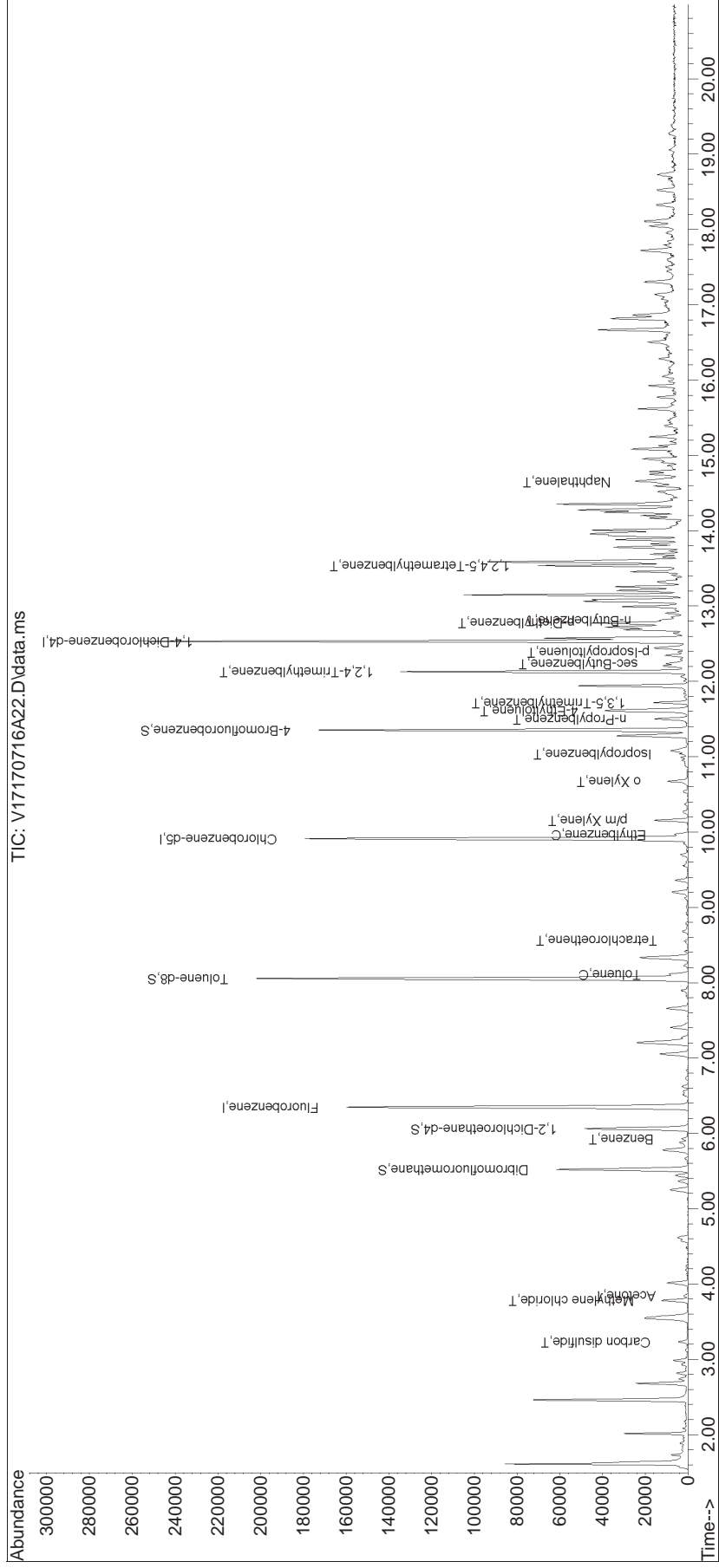
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

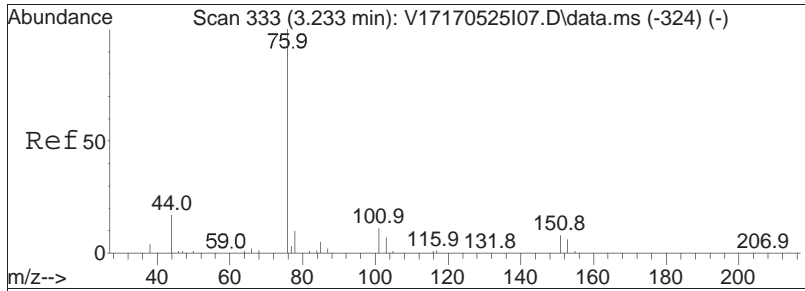
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA117\2017\170716A\
 Data File : V17170716A22.D
 Acq On : 16 Jul 2017 05:06 pm
 Operator : VOA117:MV
 Sample : 11723686-11,31,6.3,5,,b
 Misc : WG1023115,ICAL13689
 ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jul 17 07:18:23 2017
 Quant Method : I:\VOLATILES\VOA117\2017\170716A\V117_170525_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 25 12:01:44 2017
 Response via : Initial Calibration

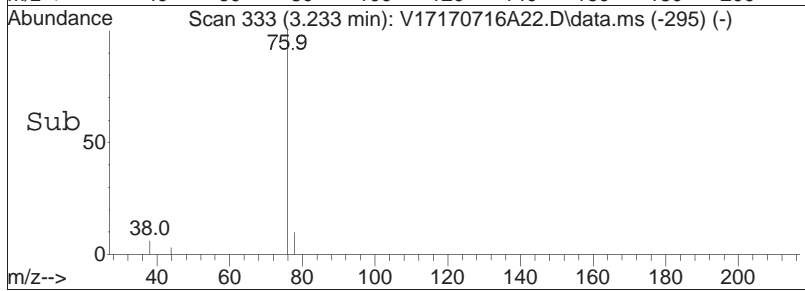
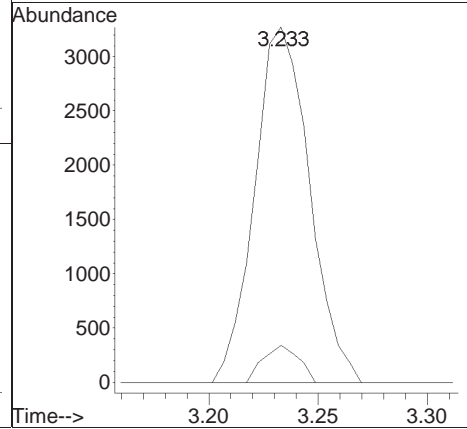
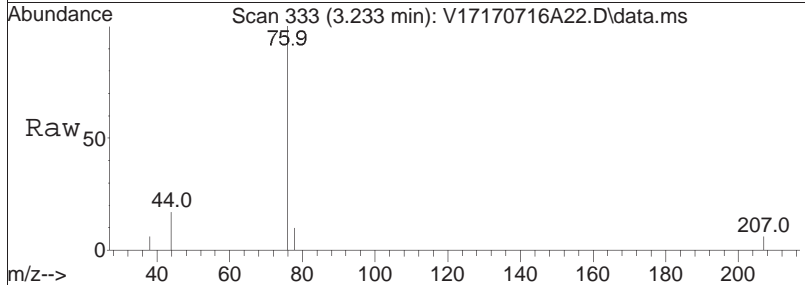
Sub List : 8260-NYTCL - Megamix plus Diox70716A\V17170716A01.D•

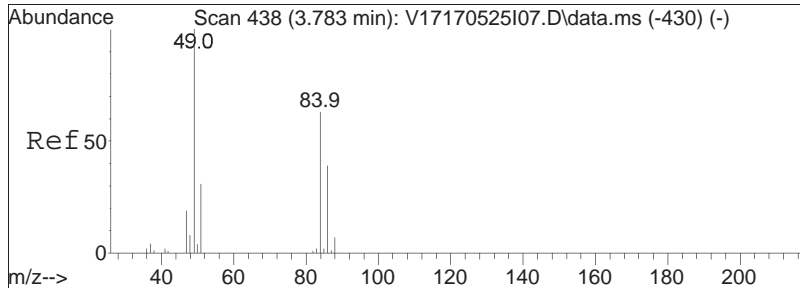




#11
 Carbon disulfide
 Concen: 0.61 ug/L
 RT: 3.233 min Scan# 333
 Delta R.T. -0.000 min
 Lab File: V17170716A22.D
 Acq: 16 Jul 2017 05:06 pm

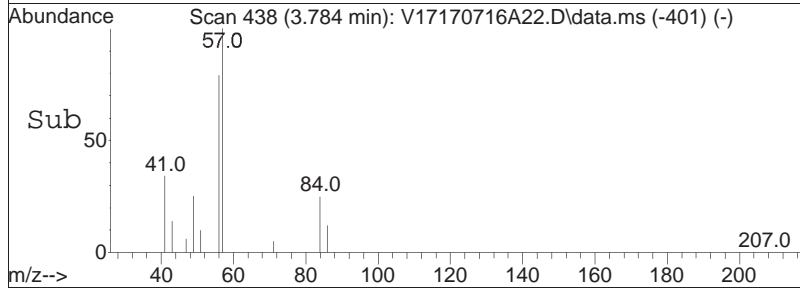
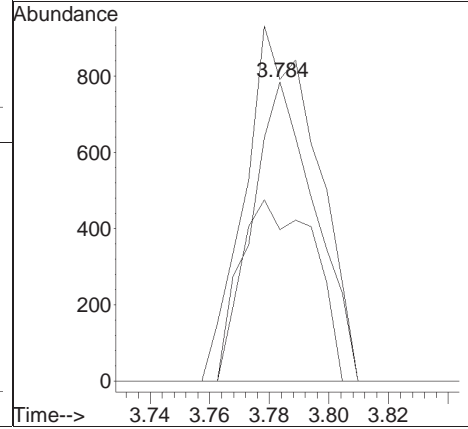
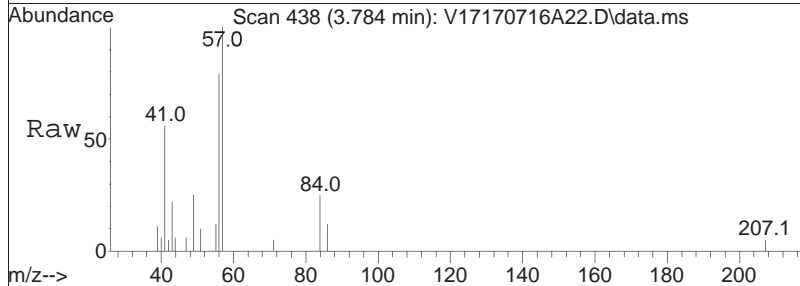
Tgt Ion	Ratio	Lower	Upper
76	100		
78	6.8	6.4	13.4

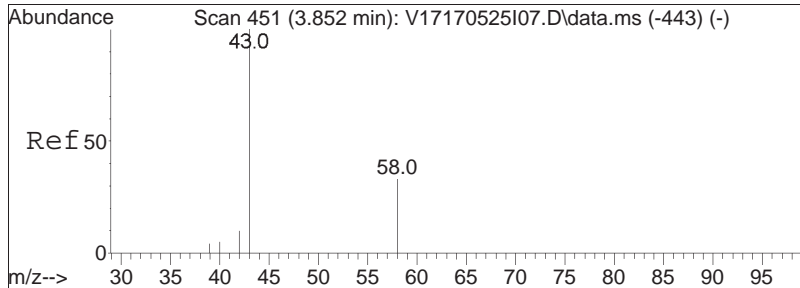




#15
 Methylene chloride
 Concen: 0.43 ug/L
 RT: 3.784 min Scan# 438
 Delta R.T. -0.006 min
 Lab File: V17170716A22.D
 Acq: 16 Jul 2017 05:06 pm

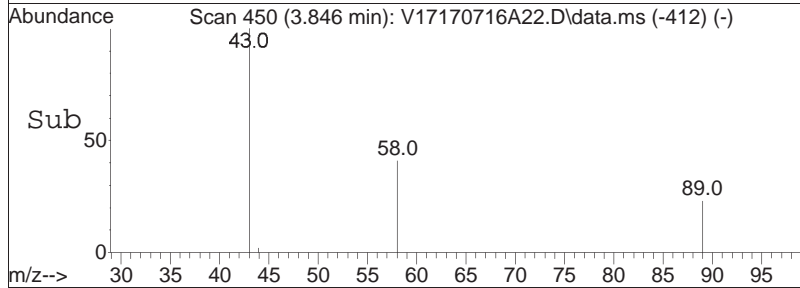
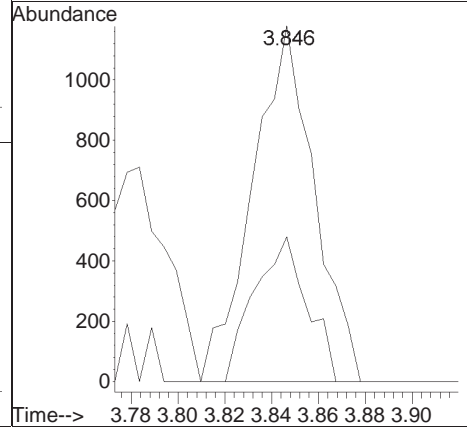
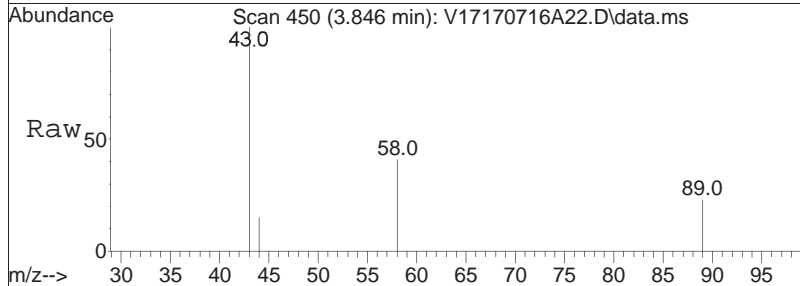
Tgt Ion:	84	Resp:	1182
Ion Ratio	Lower	Upper	
84	100		
86	68.2	42.4	88.2
49	132.1	117.3	243.5

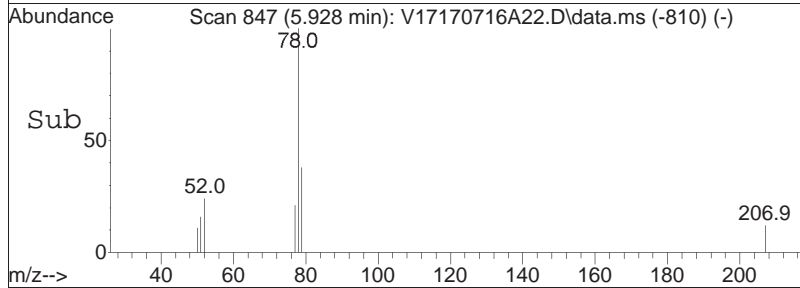
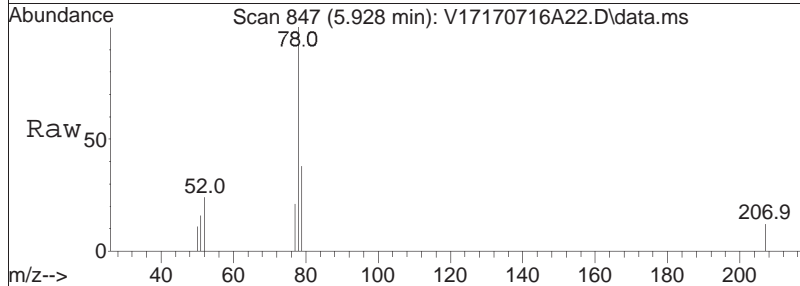
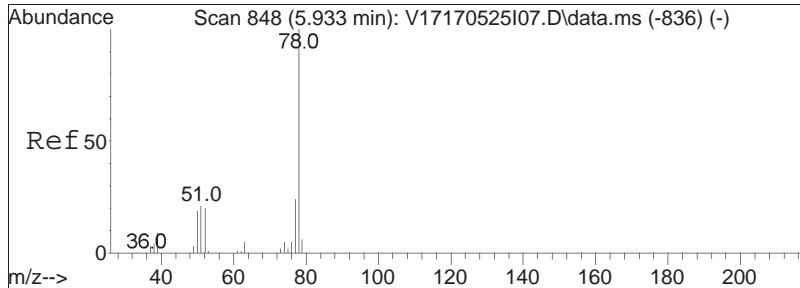




#17
 Acetone
 Concen: 3.17 ug/L
 RT: 3.846 min Scan# 450
 Delta R.T. -0.001 min
 Lab File: V17170716A22.D
 Acq: 16 Jul 2017 05:06 pm

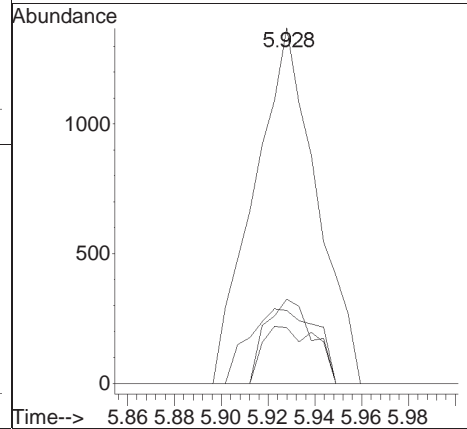
Tgt Ion:	43	58	Resp:	2158
Ion Ratio	100	34.8	Lower	Upper
			25.1	37.7

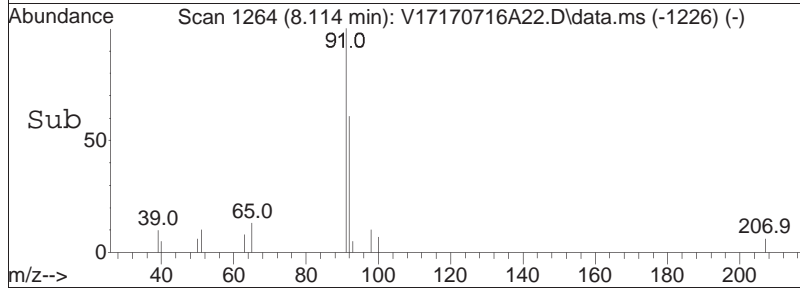
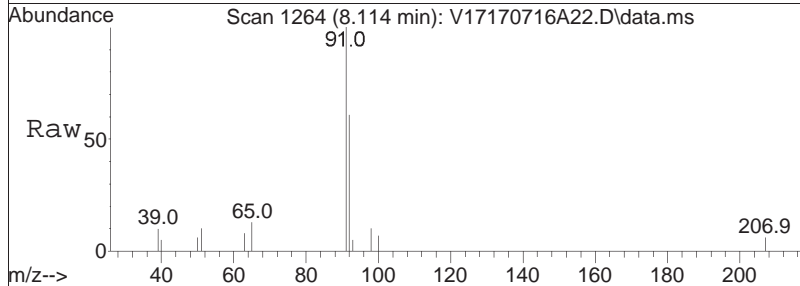
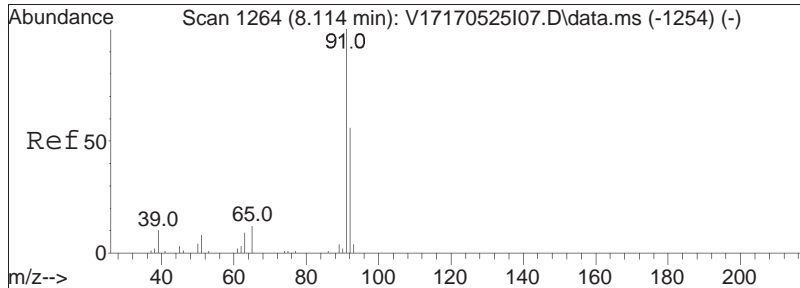




#41
 Benzene
 Concen: 0.22 ug/L
 RT: 5.928 min Scan# 847
 Delta R.T. -0.005 min
 Lab File: V17170716A22.D
 Acq: 16 Jul 2017 05:06 pm

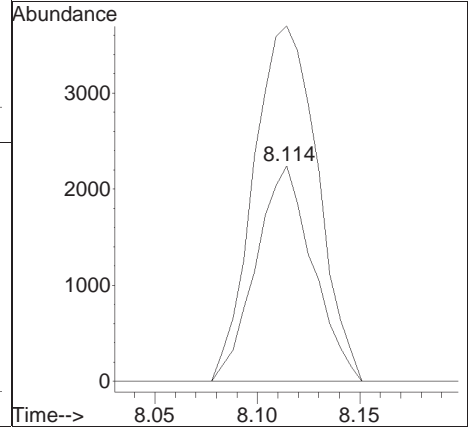
Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.7	15.0	31.1
51	0.0	14.0	29.2#
52	18.1	14.3	29.7

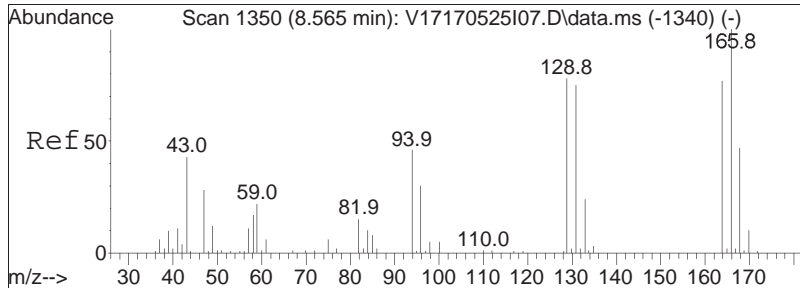




#61
 Toluene
 Concen: 0.65 ug/L
 RT: 8.114 min Scan# 1264
 Delta R.T. 0.000 min
 Lab File: V17170716A22.D
 Acq: 16 Jul 2017 05:06 pm

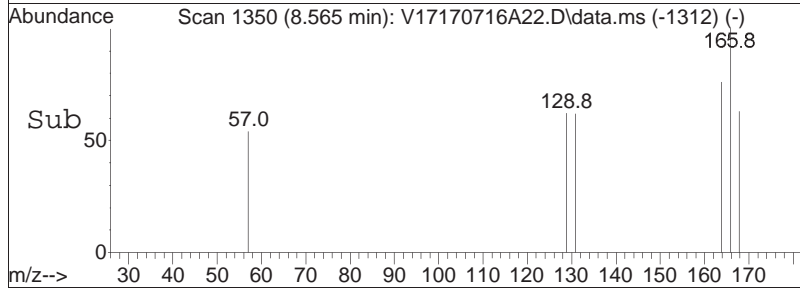
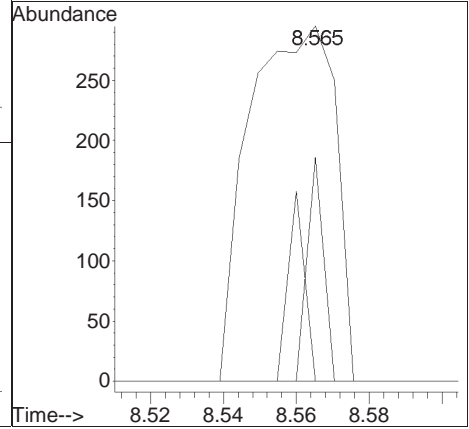
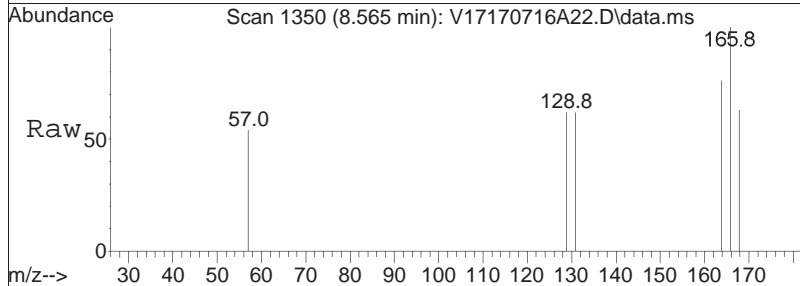
Tgt Ion	Resp	Lower	Upper
92	4320		
91	185.5	142.4	213.6

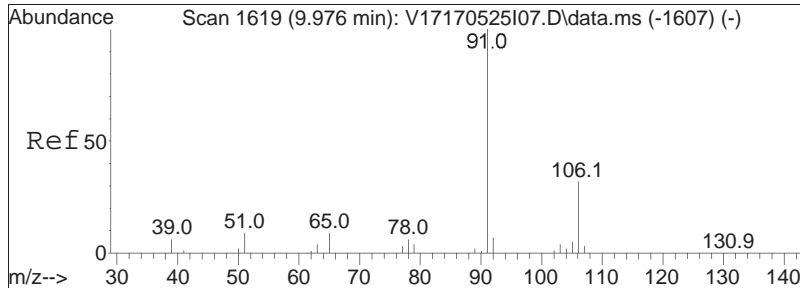




#63
 Tetrachloroethene
 Concen: 0.15 ug/L
 RT: 8.565 min Scan# 1350
 Delta R.T. 0.000 min
 Lab File: V17170716A22.D
 Acq: 16 Jul 2017 05:06 pm

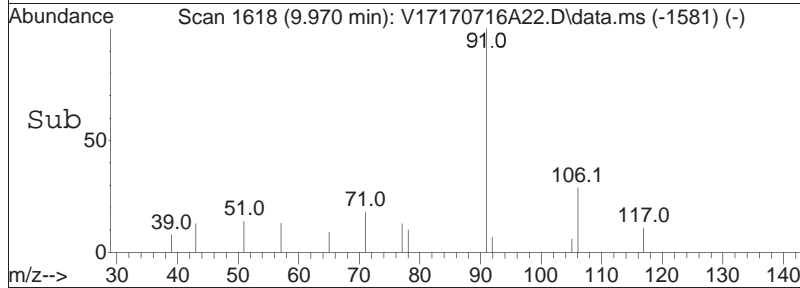
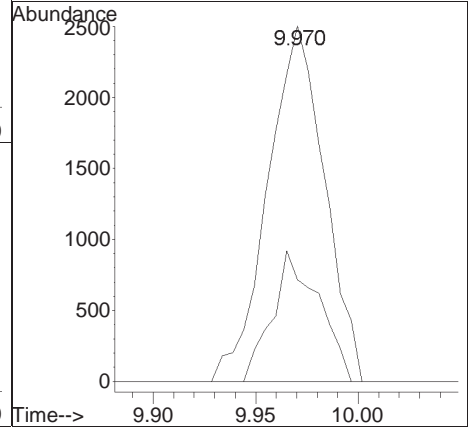
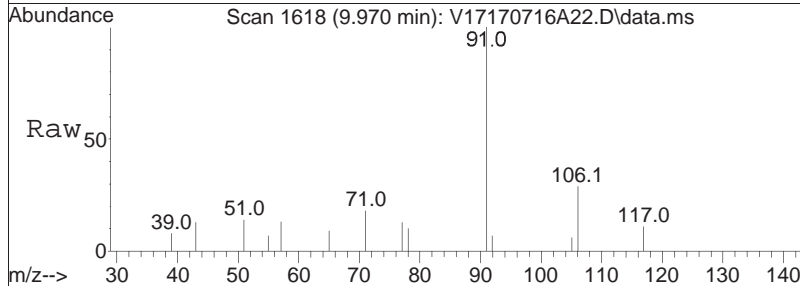
Tgt Ion	Ratio	Lower	Upper
166	100		
168	12.0	27.9	67.9#
94	10.4	20.4	60.4#

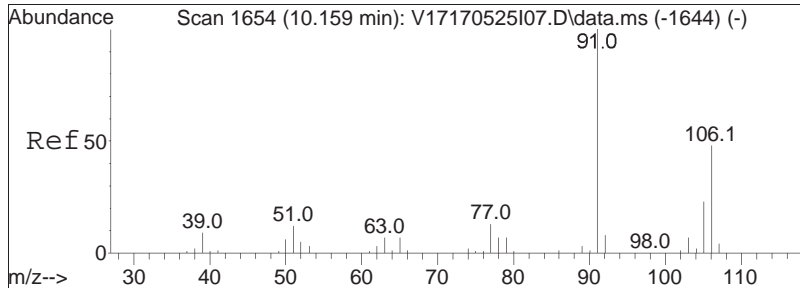




#74
 Ethylbenzene
 Concen: 0.36 ug/L
 RT: 9.970 min Scan# 1618
 Delta R.T. -0.006 min
 Lab File: V17170716A22.D
 Acq: 16 Jul 2017 05:06 pm

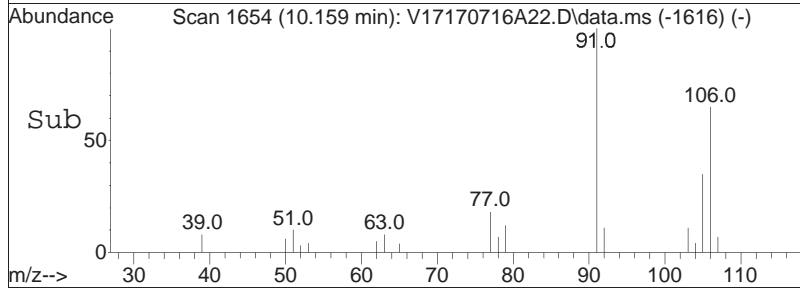
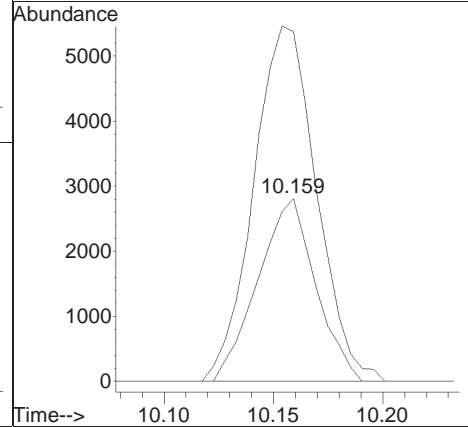
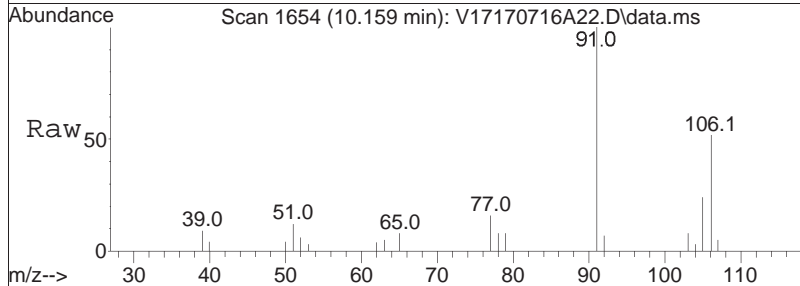
Tgt Ion:	91	Resp:	4815
Ion Ratio	Lower	Upper	
91	100		
106	30.1	25.8	38.6

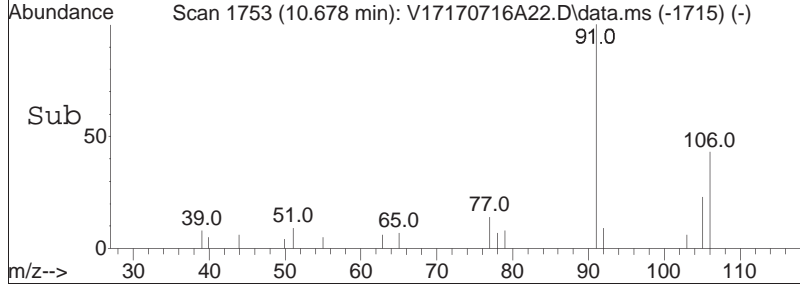
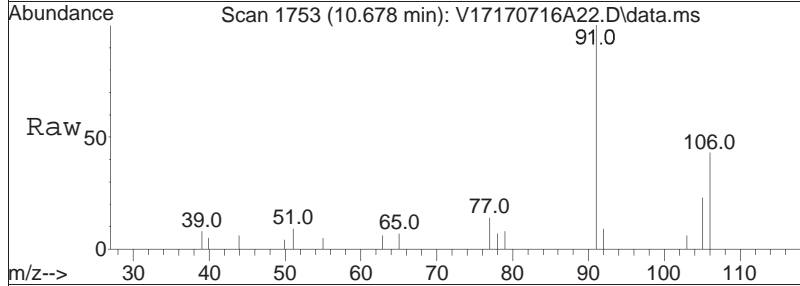
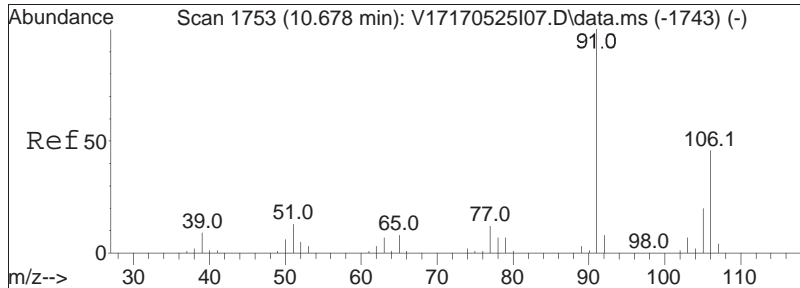




#76
 p/m Xylene
 Concen: 1.01 ug/L
 RT: 10.159 min Scan# 1654
 Delta R.T. 0.000 min
 Lab File: V17170716A22.D
 Acq: 16 Jul 2017 05:06 pm

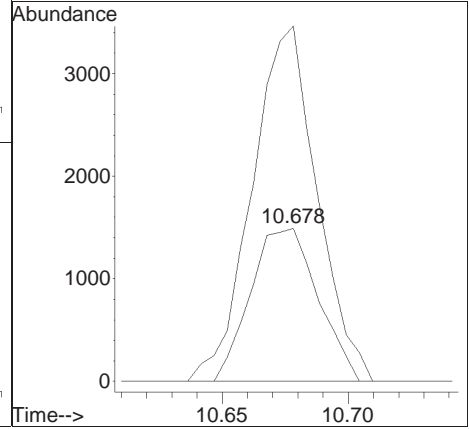
Tgt Ion	Resp	Lower	Upper
106	100		
91	211.8	162.9	244.3

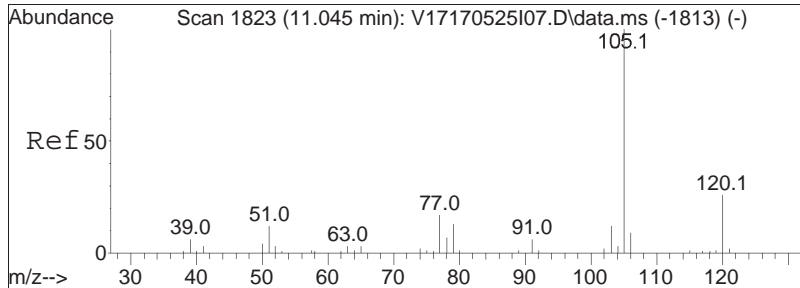




#77
 o Xylene
 Concen: 0.57 ug/L
 RT: 10.678 min Scan# 1753
 Delta R.T. 0.000 min
 Lab File: V17170716A22.D
 Acq: 16 Jul 2017 05:06 pm

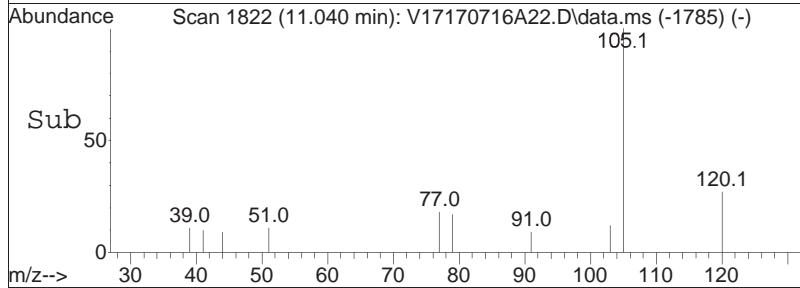
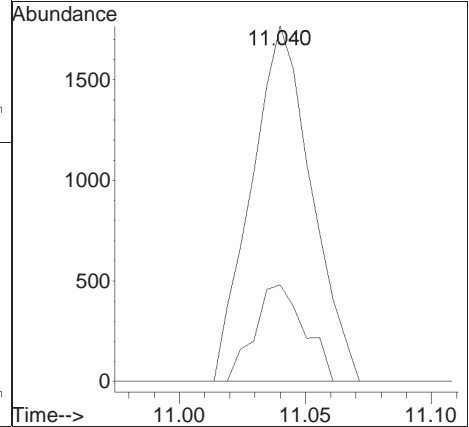
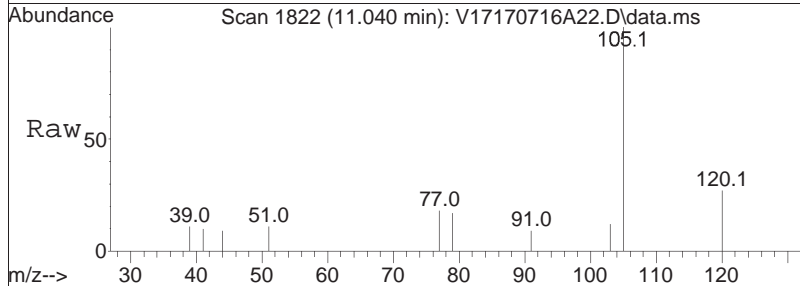
Tgt Ion	Resp	Lower	Upper
106	100		
91	224.6	170.4	255.6

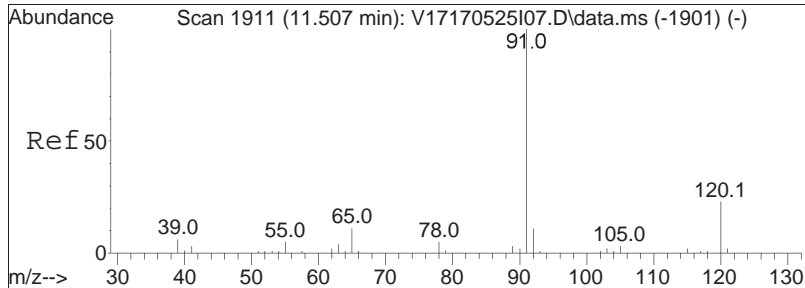




#82
 Isopropylbenzene
 Concen: 0.24 ug/L
 RT: 11.040 min Scan# 1822
 Delta R.T. -0.005 min
 Lab File: V17170716A22.D
 Acq: 16 Jul 2017 05:06 pm

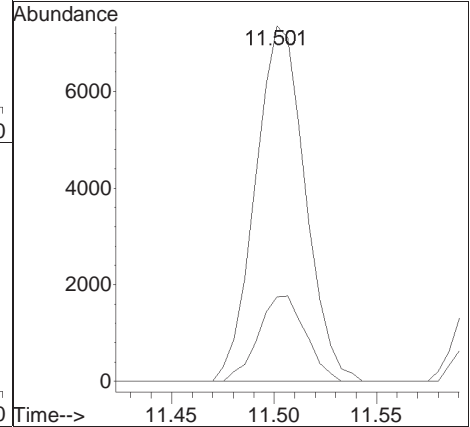
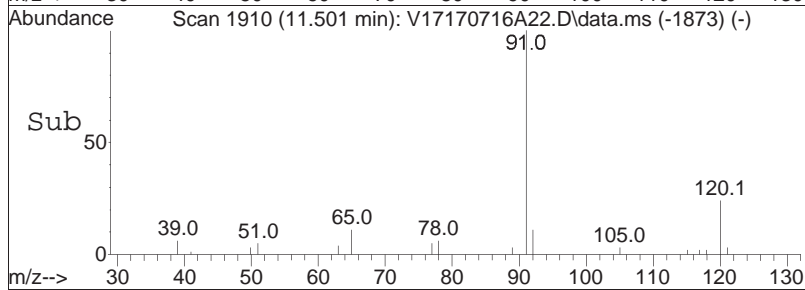
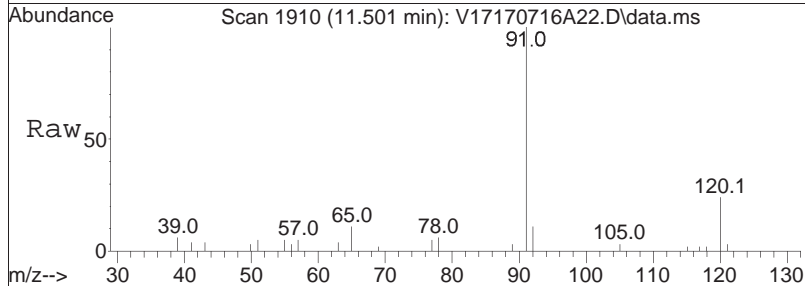
Tgt Ion	Resp	Lower	Upper
105	100		
120	22.6	6.6	46.6

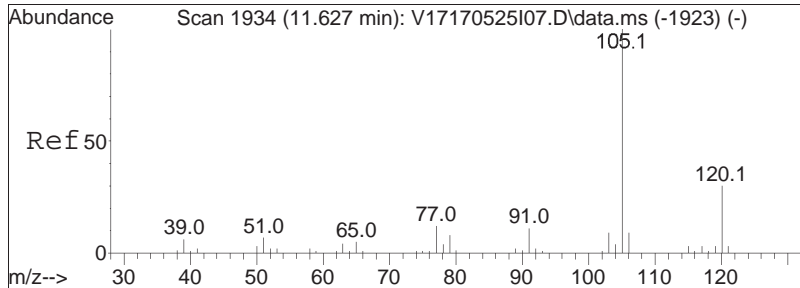




#85
 n-Propylbenzene
 Concen: 0.80 ug/L
 RT: 11.501 min Scan# 1910
 Delta R.T. -0.006 min
 Lab File: V17170716A22.D
 Acq: 16 Jul 2017 05:06 pm

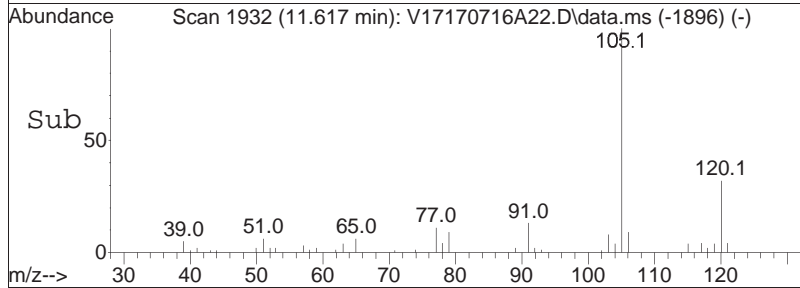
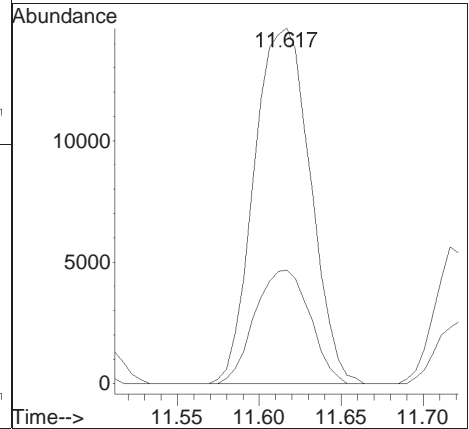
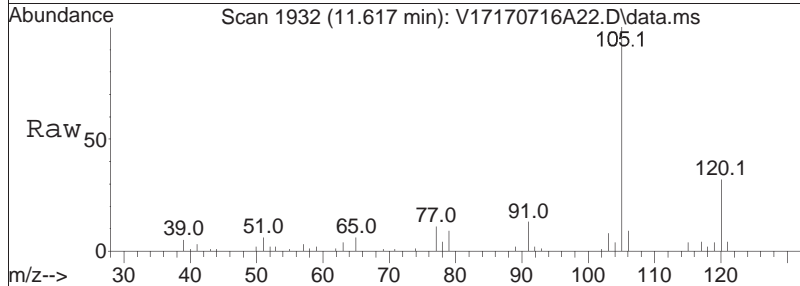
Tgt Ion	Resp	Lower	Upper
91	12427		
120	22.8	19.5	29.3

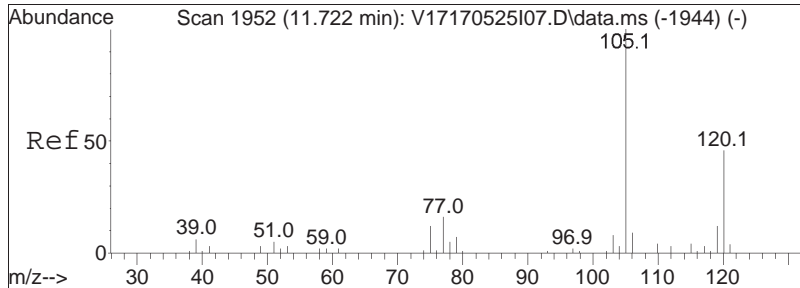




#88
 4-Ethyltoluene
 Concen: 2.80 ug/L
 RT: 11.617 min Scan# 1932
 Delta R.T. -0.010 min
 Lab File: V17170716A22.D
 Acq: 16 Jul 2017 05:06 pm

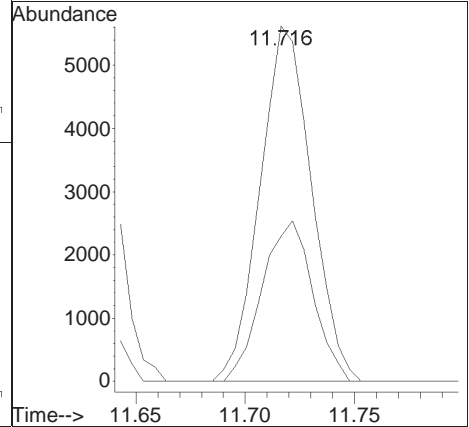
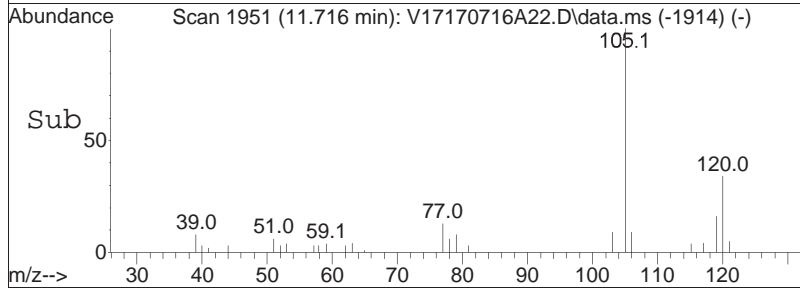
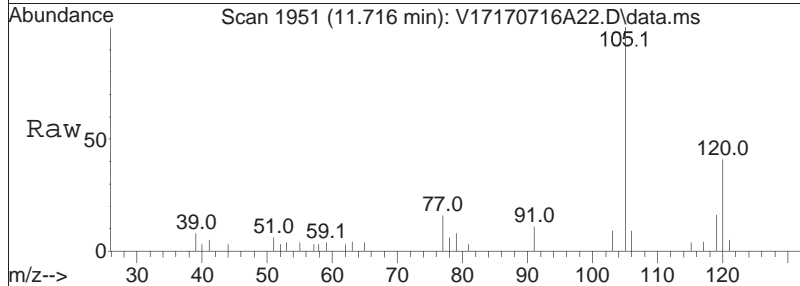
Tgt Ion	Resp	Lower	Upper
105	100		
120	31.1	20.2	42.0

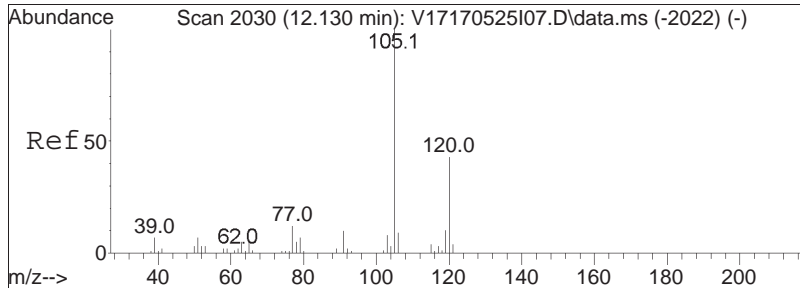




#90
 1,3,5-Trimethylbenzene
 Concen: 0.83 ug/L
 RT: 11.716 min Scan# 1951
 Delta R.T. -0.006 min
 Lab File: V17170716A22.D
 Acq: 16 Jul 2017 05:06 pm

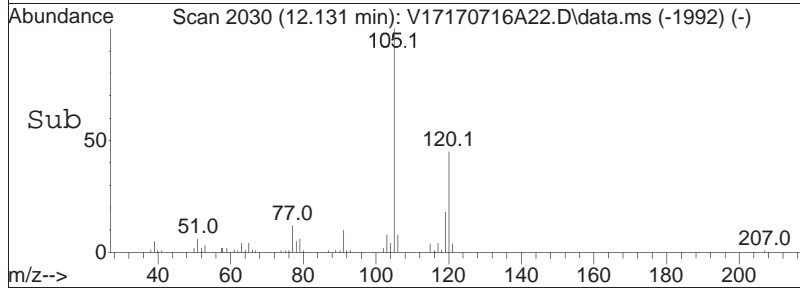
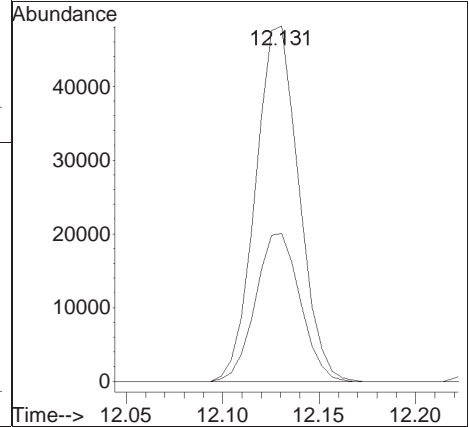
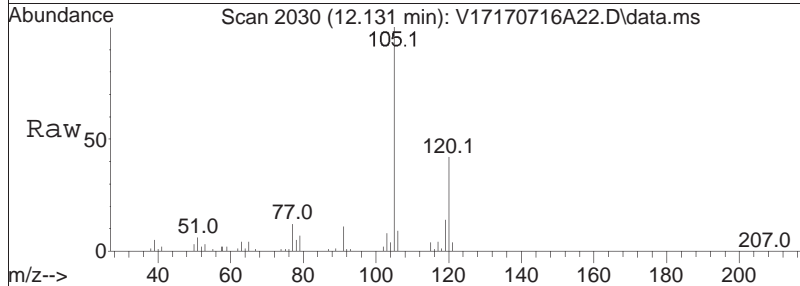
Tgt Ion	Resp	Lower	Upper
105	100		
120	44.6	37.9	56.9

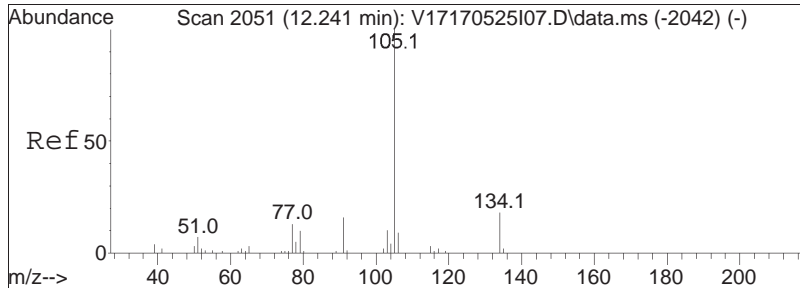




#97
 1,2,4-Trimethylbenzene
 Concen: 6.85 ug/L
 RT: 12.131 min Scan# 2030
 Delta R.T. -0.000 min
 Lab File: V17170716A22.D
 Acq: 16 Jul 2017 05:06 pm

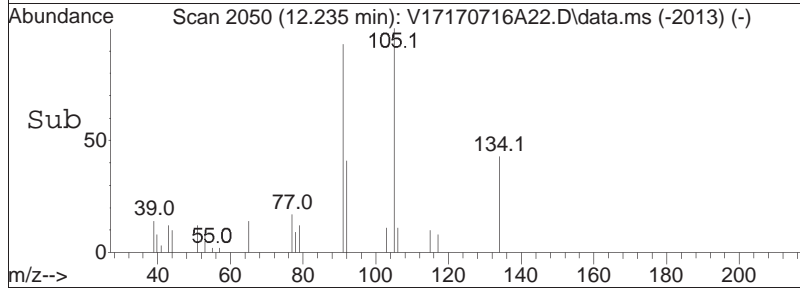
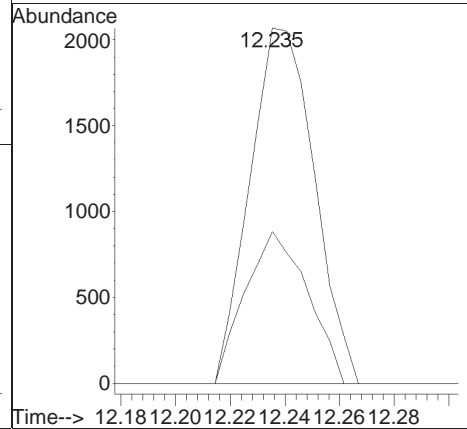
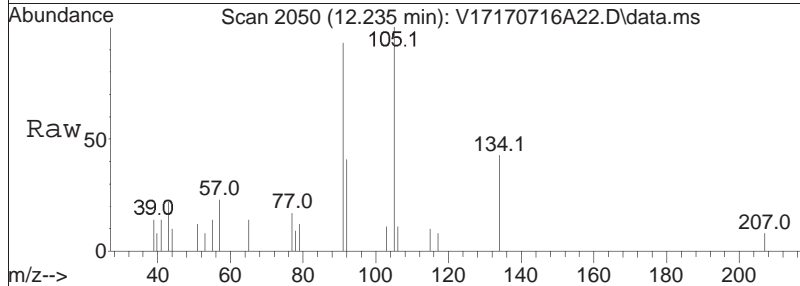
Tgt Ion	Resp	Lower	Upper
105	100		
120	42.8	35.7	53.5

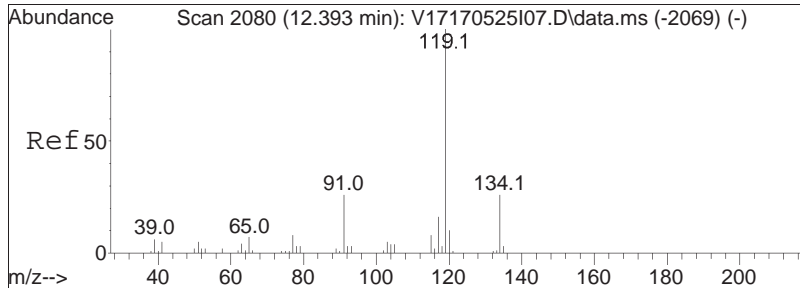




#98
 sec-Butylbenzene
 Concen: 0.24 ug/L
 RT: 12.235 min Scan# 2050
 Delta R.T. -0.006 min
 Lab File: V17170716A22.D
 Acq: 16 Jul 2017 05:06 pm

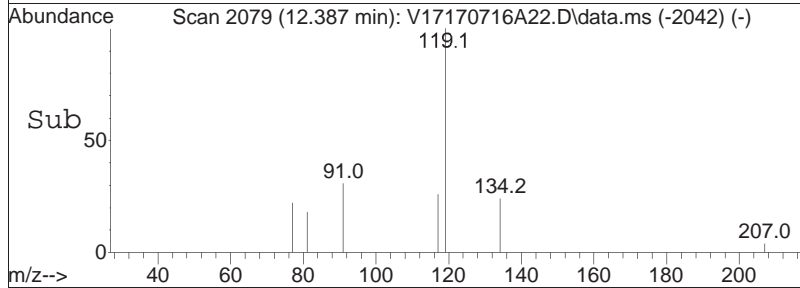
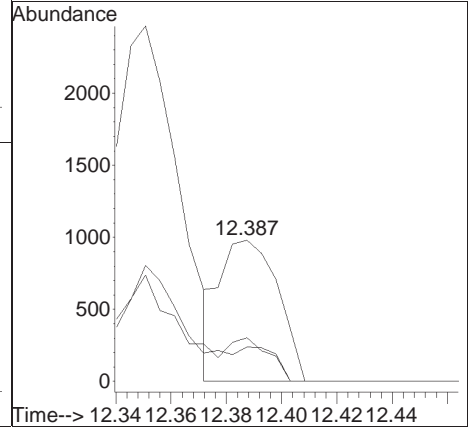
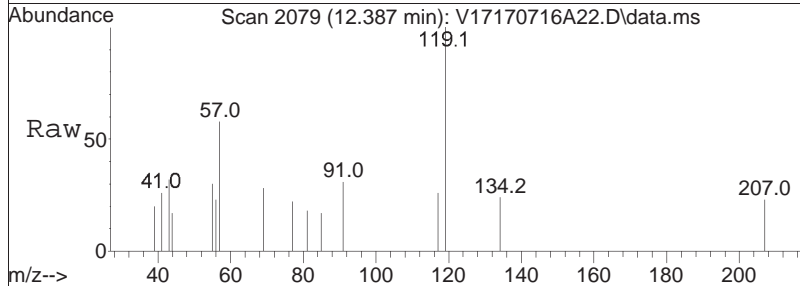
Tgt Ion	Ratio	Lower	Upper
105	100		
134	41.5	12.5	25.9#

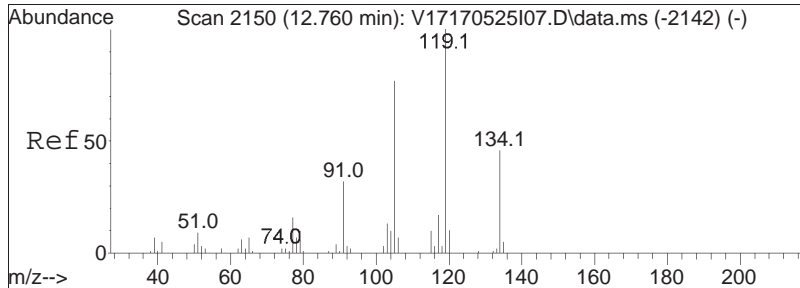




#99
 p-Isopropyltoluene
 Concen: 0.12 ug/L M1
 RT: 12.387 min Scan# 2079
 Delta R.T. -0.006 min
 Lab File: V17170716A22.D
 Acq: 16 Jul 2017 05:06 pm

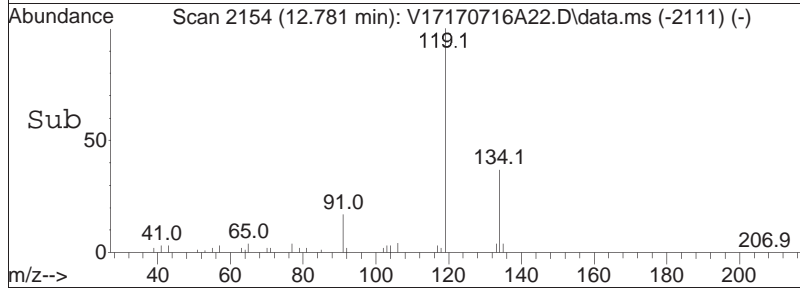
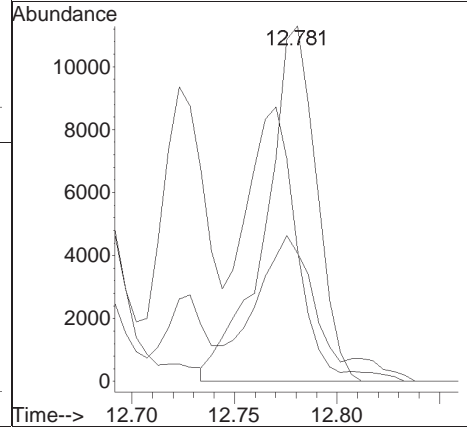
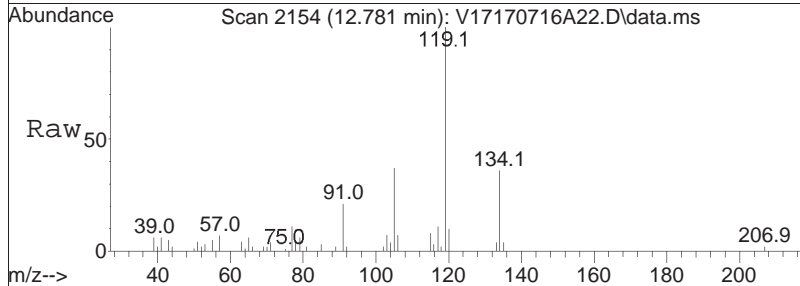
Tgt Ion	Ratio	Lower	Upper
119	100		
134	92.0	17.0	35.2#
91	80.1	15.6	32.4#

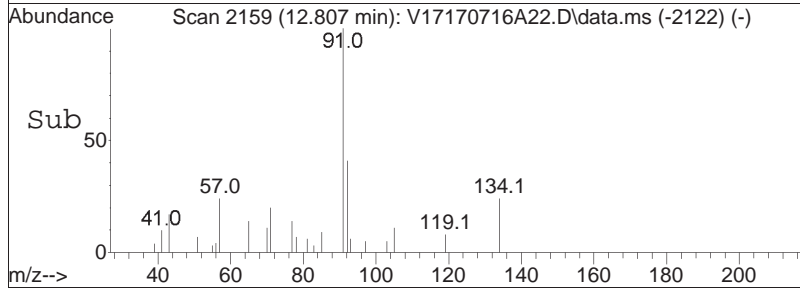
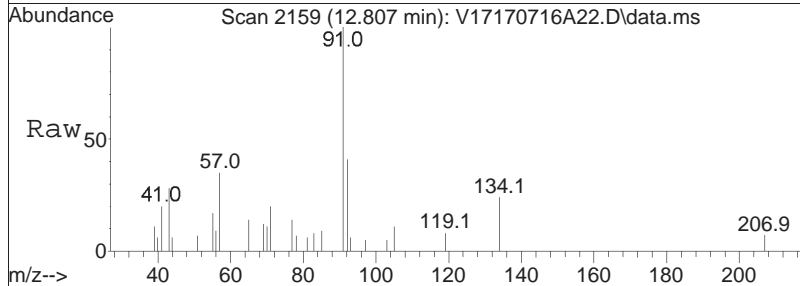
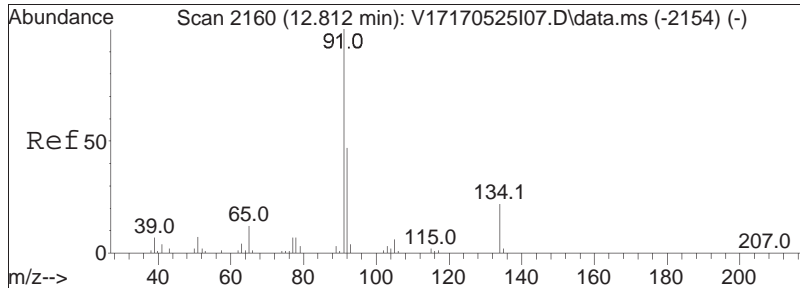




#102
 p-Diethylbenzene
 Concen: 2.69 ug/L
 RT: 12.781 min Scan# 2154
 Delta R.T. 0.026 min
 Lab File: V17170716A22.D
 Acq: 16 Jul 2017 05:06 pm

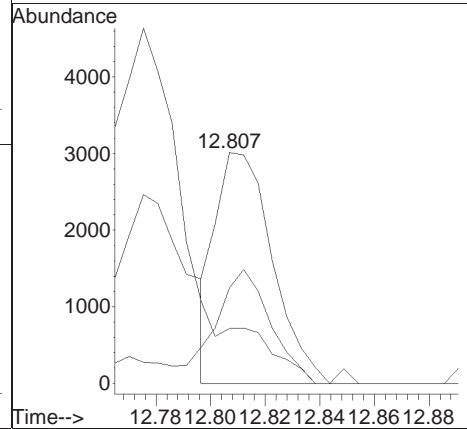
Tgt Ion	Ratio	Lower	Upper
119	100		
105	78.9	49.9	103.5
134	50.5	30.6	63.4

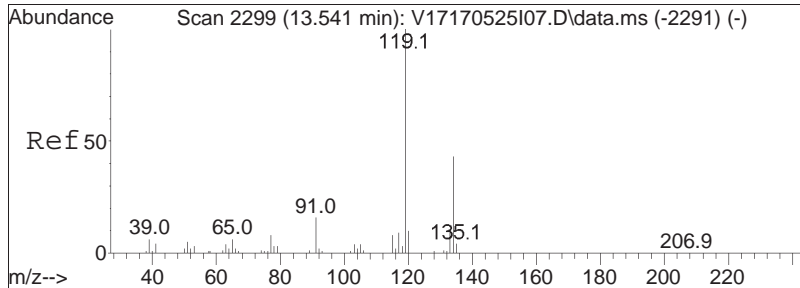




#103
 n-Butylbenzene
 Concen: 0.36 ug/L
 RT: 12.807 min Scan# 2159
 Delta R.T. -0.005 min
 Lab File: V17170716A22.D
 Acq: 16 Jul 2017 05:06 pm

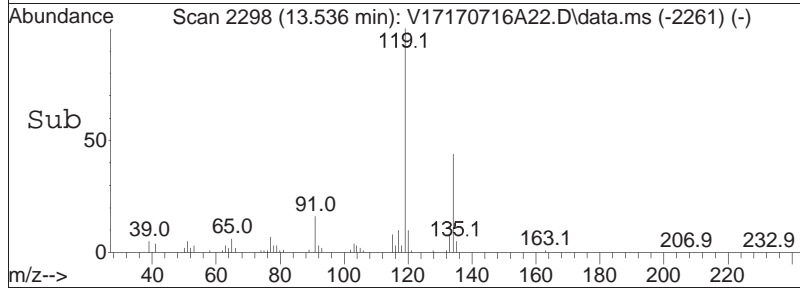
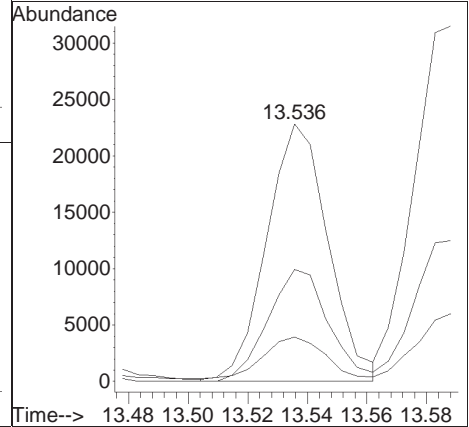
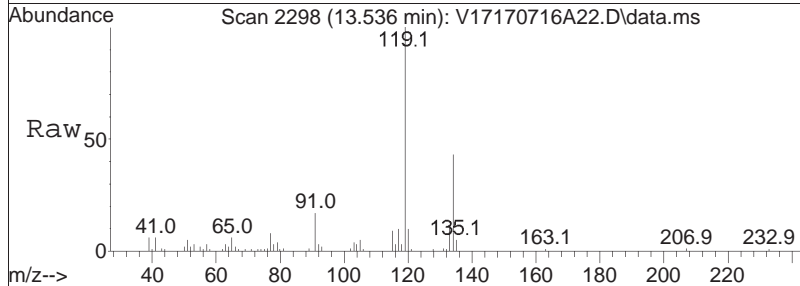
Tgt Ion	Ratio	Lower	Upper
91	100		
92	47.7	39.0	58.4
134	0.0	21.3	31.9#

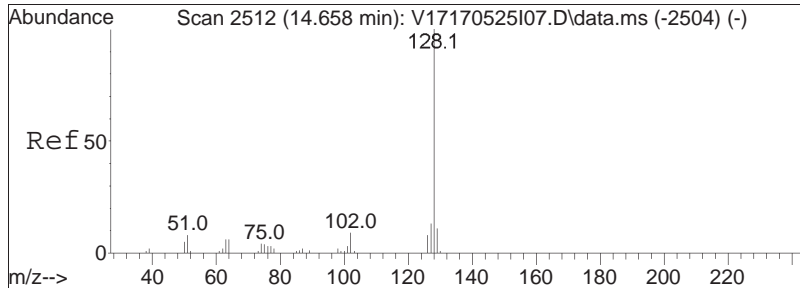




#105
 1,2,4,5-Tetramethylbenzene
 Concen: 2.99 ug/L
 RT: 13.536 min Scan# 2298
 Delta R.T. -0.005 min
 Lab File: V17170716A22.D
 Acq: 16 Jul 2017 05:06 pm

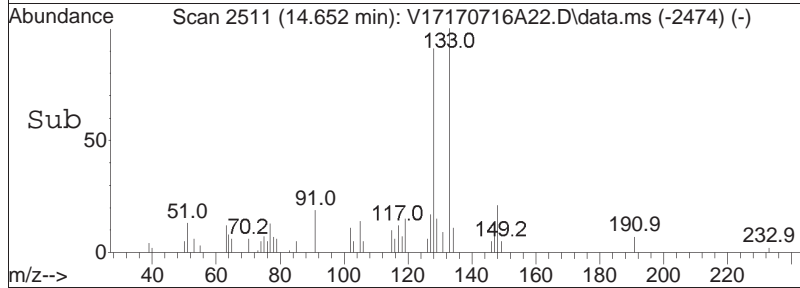
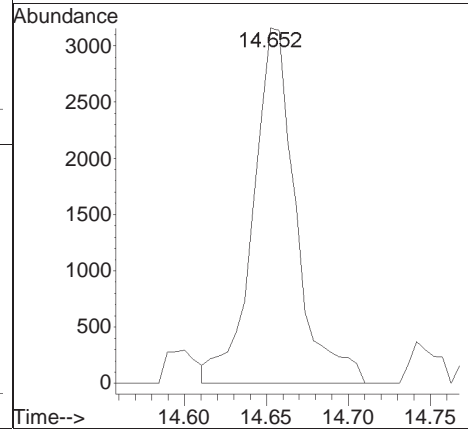
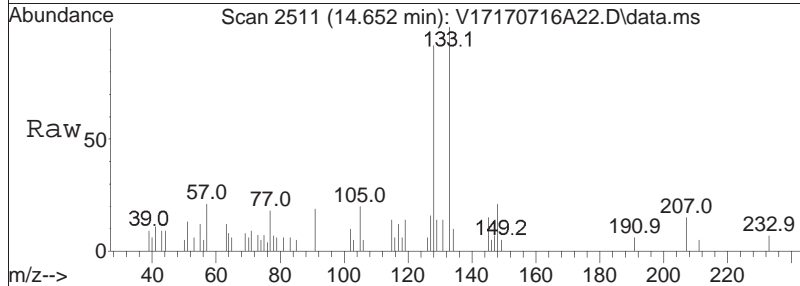
Tgt Ion	Ratio	Lower	Upper
119	100		
134	43.1	29.3	60.8
91	18.7	10.0	20.8





#110
 Naphthalene
 Concen: 0.77 ug/L
 RT: 14.652 min Scan# 2511
 Delta R.T. -0.006 min
 Lab File: V17170716A22.D
 Acq: 16 Jul 2017 05:06 pm

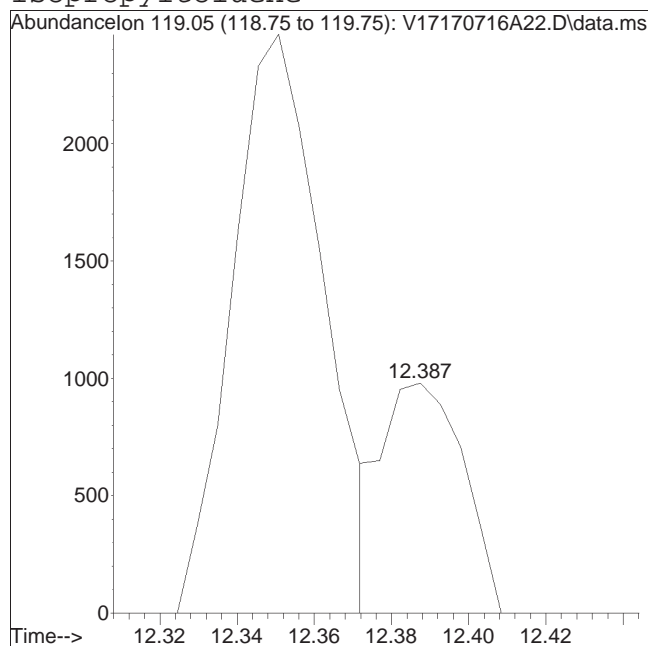
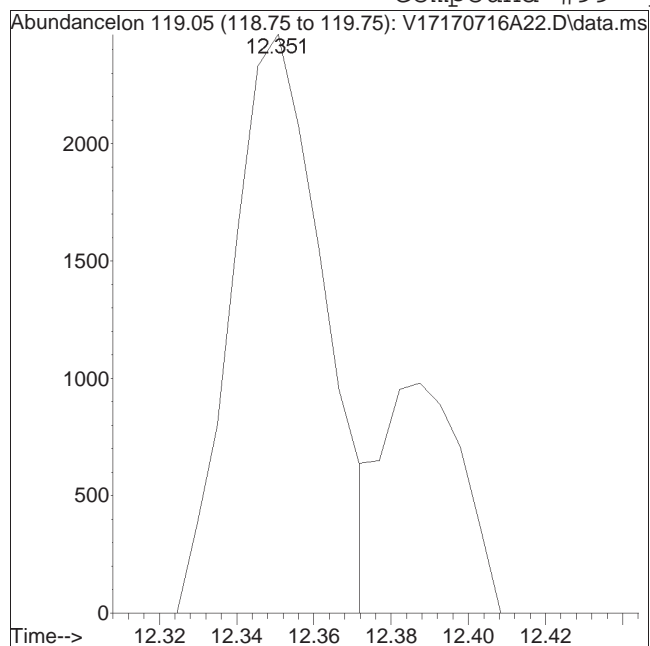
Tgt Ion:128 Resp: 5730



Manual Integration Report

Data Path : I:\VOLATILES\VOA117\2017\1QMethod : V117_170525_8260.m
Data File : V17170716A22.D Operator : VOA117:MV
Date Inj'd : 7/16/2017 5:06 pm Instrument : VOA 117
Sample : 11723686-11,31,6.3,5,,b Quant Date : 7/17/2017 6:20 am

Compound #99: p-Isopropyltoluene



Original Peak Response = 4038

Manual Peak Response = 1429 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA117\2017\170716A\
 Data File : V17170716A23.D
 Acq On : 16 Jul 2017 05:32 pm
 Operator : VOA117:MV
 Sample : 11723686-12,31,6.9,5,,b
 Misc : WG1023115,ICAL13689
 ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jul 17 07:21:45 2017
 Quant Method : I:\VOLATILES\VOA117\2017\170716A\V117_170525_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 25 12:01:44 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA117\2017\170716A\V17170716A01.D
 Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	

Internal Standards							
1) Fluorobenzene	6.348	96	158214	20.000	ug/L	0.00	
Standard Area 1 = 144303			Recovery = 109.64%				
59) Chlorobenzene-d5	9.913	117	125803	20.000	ug/L	0.00	
Standard Area 1 = 109443			Recovery = 114.95%				
79) 1,4-Dichlorobenzene-d4	12.534	152	67103	20.000	ug/L	0.00	
Standard Area 1 = 60580			Recovery = 110.77%				
System Monitoring Compounds							
36) Dibromofluoromethane	5.519	113	27525	13.037	ug/L	0.00	
Spiked Amount 20.000	Range 70 - 130		Recovery = 65.19%#				
43) 1,2-Dichloroethane-d4	6.064	65	38797	17.950	ug/L	0.00	
Spiked Amount 20.000	Range 70 - 130		Recovery = 89.75%				
60) Toluene-d8	8.057	98	164692	20.224	ug/L	0.00	
Spiked Amount 20.000	Range 70 - 130		Recovery = 101.12%				
83) 4-Bromofluorobenzene	11.355	95	63739	21.751	ug/L	0.00	
Spiked Amount 20.000	Range 70 - 130		Recovery = 108.76%				
Target Compounds							
2) Dichlorodifluoromethane	0.000		0		N.D.		Qvalue
3) Chloromethane	0.000		0		N.D.	d	
4) Vinyl chloride	0.000		0		N.D.		
5) Bromomethane	0.000		0		N.D.		
6) Chloroethane	0.000		0		N.D.		
7) Trichlorofluoromethane	0.000		0		N.D.		
8) Ethyl ether	0.000		0		N.D.		
10) 1,1-Dichloroethene	0.000		0		N.D.		
11) Carbon disulfide	3.233	76	10562	1.129	ug/L	95	
15) Methylene chloride	3.784	84	1192	0.431	ug/L	79	
17) Acetone	3.841	43	18804	42.198	ug/L	90	
18) trans-1,2-Dichloroethene	0.000		0		N.D.		
20) Methyl tert-butyl ether	4.056	73	1933	0.314	ug/L #	1	
23) 1,1-Dichloroethane	0.000		0		N.D.		
25) Acrylonitrile	0.000		0		N.D.	d	
27) Vinyl acetate	0.000		0		N.D.		
28) cis-1,2-Dichloroethene	0.000		0		N.D.		
29) 2,2-Dichloropropane	5.231	77	100		N.D.		
30) Bromochloromethane	0.000		0		N.D.		
32) Chloroform	0.000		0		N.D.		

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA117\2017\170716A\
 Data File : V17170716A23.D
 Acq On : 16 Jul 2017 05:32 pm
 Operator : VOA117:MV
 Sample : 11723686-12,31,6.9,5,,b
 Misc : WG1023115,ICAL13689
 ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jul 17 07:21:45 2017
 Quant Method : I:\VOLATILES\VOA117\2017\170716A\V117_170525_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 25 12:01:44 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA117\2017\170716A\V17170716A01.D
 Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Carbon tetrachloride	0.000		0		N.D.	
37) 1,1,1-Trichloroethane	0.000		0		N.D.	
39) 2-Butanone	5.661	43	4949	6.766	ug/L #	85
40) 1,1-Dichloropropene	0.000		0		N.D.	
41) Benzene	5.928	78	23709	2.119	ug/L	97
44) 1,2-Dichloroethane	0.000		0		N.D.	
48) Trichloroethene	0.000		0		N.D.	
50) Dibromomethane	0.000		0		N.D.	
51) 1,2-Dichloropropane	0.000		0		N.D.	
54) Bromodichloromethane	0.000		0		N.D. d	
57) 1,4-Dioxane	0.000		0		N.D.	
58) cis-1,3-Dichloropropene	0.000		0		N.D.	
61) Toluene	8.114	92	31952	4.737	ug/L	98
62) 4-Methyl-2-pentanone	0.000		0		N.D. d	
63) Tetrachloroethene	8.560	166	524	0.167	ug/L #	63
65) trans-1,3-Dichloropropene	0.000		0		N.D.	
68) 1,1,2-Trichloroethane	0.000		0		N.D. d	
69) Chlorodibromomethane	0.000		0		N.D.	
70) 1,3-Dichloropropane	0.000		0		N.D.	
71) 1,2-Dibromoethane	0.000		0		N.D.	
72) 2-Hexanone	0.000		0		N.D. d	
73) Chlorobenzene	9.976	112	155		N.D.	
74) Ethylbenzene	9.970	91	6803	0.508	ug/L	96
75) 1,1,1,2-Tetrachloroethane	0.000		0		N.D.	
76) p/m Xylene	10.154	106	62665	12.170	ug/L	97
77) o Xylene	10.678	106	40229	8.237	ug/L	95
78) Styrene	0.000		0		N.D. d	
80) Bromoform	0.000		0		N.D.	
82) Isopropylbenzene	11.040	105	550		N.D.	
84) Bromobenzene	0.000		0		N.D.	
85) n-Propylbenzene	11.501	91	1609	0.102	ug/L #	83
87) 1,1,2,2-Tetrachloroethane	0.000		0		N.D. d	
88) 4-Ethyltoluene	11.606	105	21182	1.679	ug/L	100
89) 2-Chlorotoluene	0.000		0		N.D. d	
90) 1,3,5-Trimethylbenzene	11.716	105	34671	3.067	ug/L	98
91) 1,2,3-Trichloropropane	0.000		0		N.D. d	
92) trans-1,4-Dichloro-2-b...	0.000		0		N.D. d	
93) 4-Chlorotoluene	0.000		0		N.D. d	
94) tert-Butylbenzene	0.000		0		N.D. d	

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA117\2017\170716A\
 Data File : V17170716A23.D
 Acq On : 16 Jul 2017 05:32 pm
 Operator : VOA117:MV
 Sample : 11723686-12,31,6.9,5,,b
 Misc : WG1023115,ICAL13689
 ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jul 17 07:21:45 2017
 Quant Method : I:\VOLATILES\VOA117\2017\170716A\V117_170525_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 25 12:01:44 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA117\2017\170716A\V17170716A01.D
 Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97) 1,2,4-Trimethylbenzene	12.125	105	28122	2.524	ug/L	96
98) sec-Butylbenzene	0.000		0	N.D.	d	
99) p-Isopropyltoluene	12.388	119	356	N.D.		
100) 1,3-Dichlorobenzene	0.000		0	N.D.		
101) 1,4-Dichlorobenzene	0.000		0	N.D.		
102) p-Diethylbenzene	0.000		0	N.D.	d	
103) n-Butylbenzene	0.000		0	N.D.	d	
104) 1,2-Dichlorobenzene	0.000		0	N.D.		
105) 1,2,4,5-Tetramethylben...	13.536	119	57255	5.155	ug/L	97
106) 1,2-Dibromo-3-chloropr...	0.000		0	N.D.		
108) Hexachlorobutadiene	0.000		0	N.D.		
109) 1,2,4-Trichlorobenzene	0.000		0	N.D.		
110) Naphthalene	14.653	128	5171	0.683	ug/L	100
111) 1,2,3-Trichlorobenzene	0.000		0	N.D.		

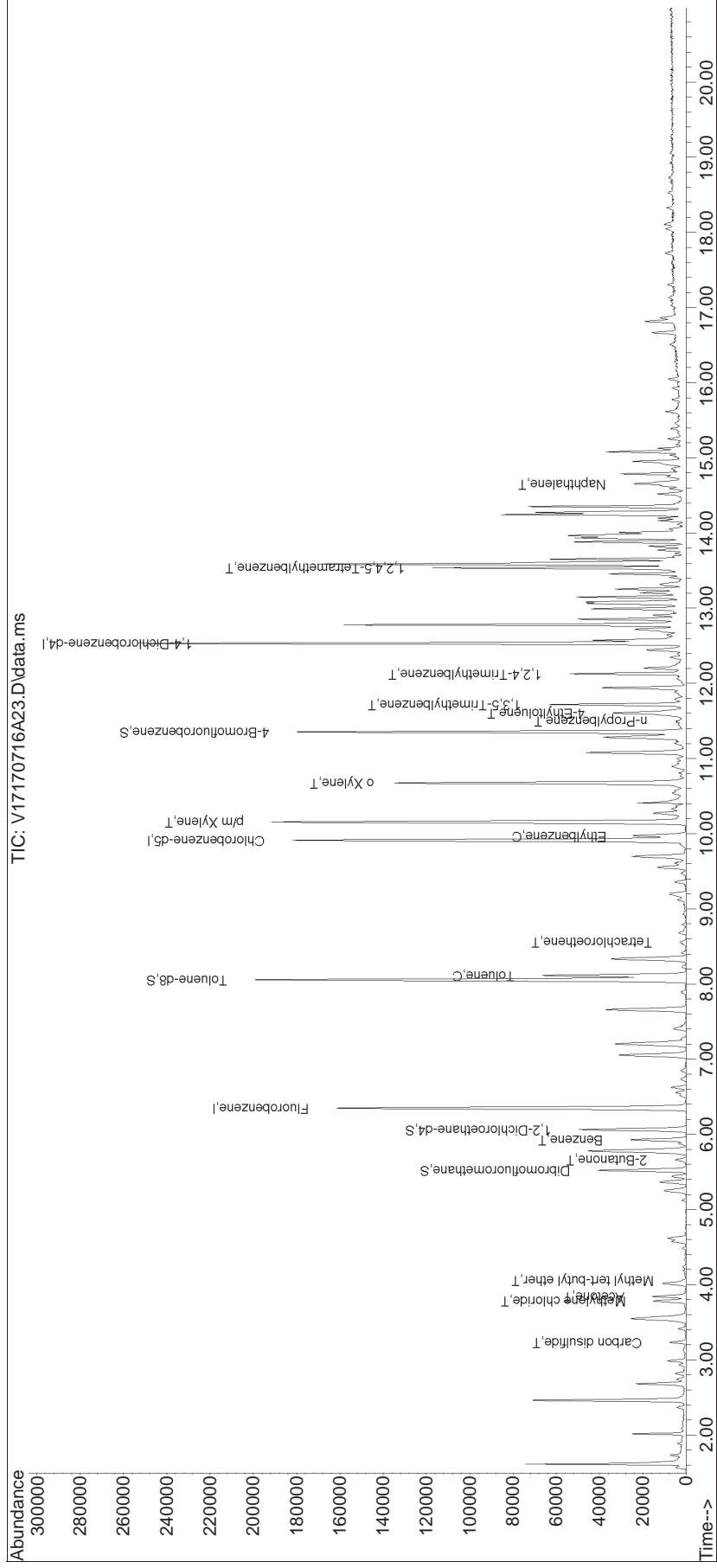
(#) = qualifier out of range (m) = manual integration (+) = signals summed

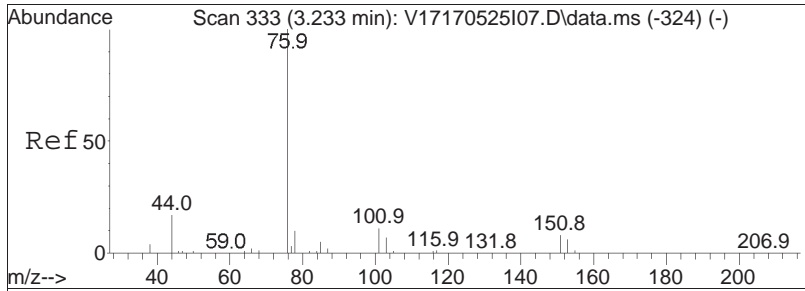
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA117\2017\170716A\
 Data File : V17170716A23.D
 Acq On : 16 Jul 2017 05:32 pm
 Operator : VOA117:MV
 Sample : 11723686-12,31,6.9,5,,b
 Misc : WG1023115,ICAL13689
 ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jul 17 07:21:45 2017
 Quant Method : I:\VOLATILES\VOA117\2017\170716A\V117_170525_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 25 12:01:44 2017
 Response via : Initial Calibration

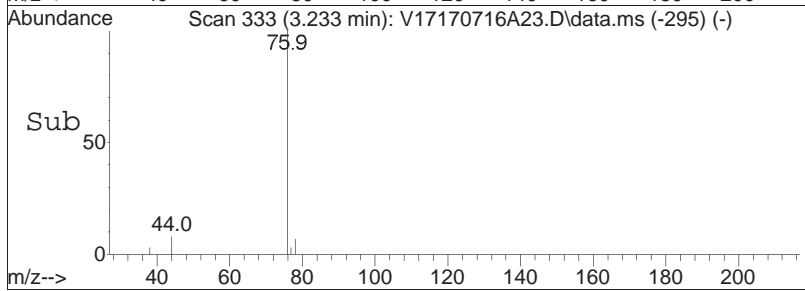
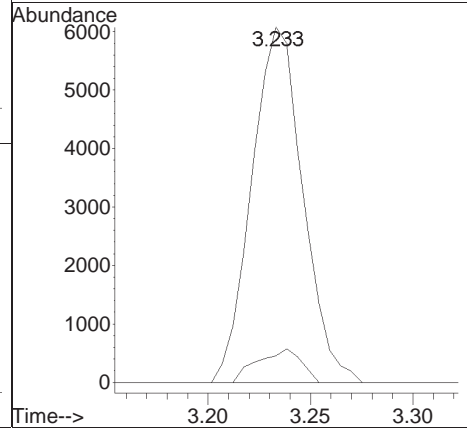
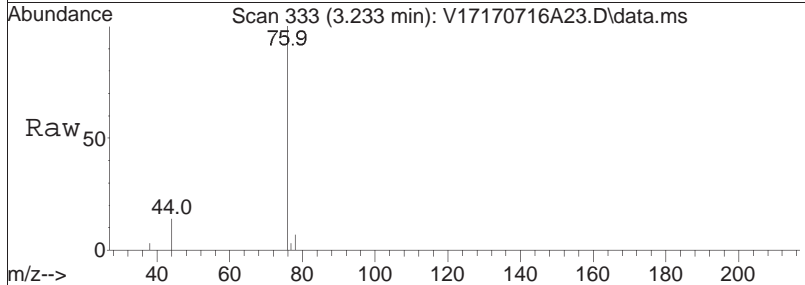
Sub List : 8260-NYTCL - Megamix plus Diox70716A\V17170716A01.D•

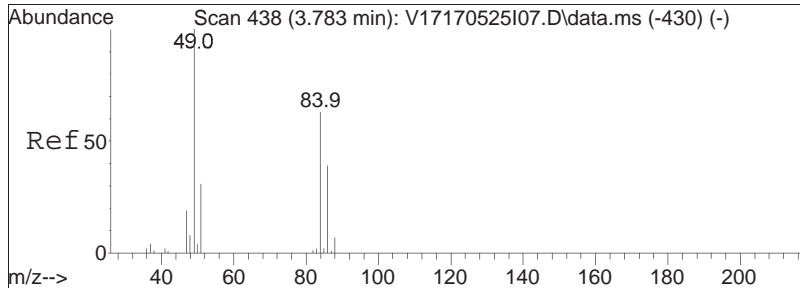




#11
 Carbon disulfide
 Concen: 1.13 ug/L
 RT: 3.233 min Scan# 333
 Delta R.T. 0.000 min
 Lab File: V17170716A23.D
 Acq: 16 Jul 2017 05:32 pm

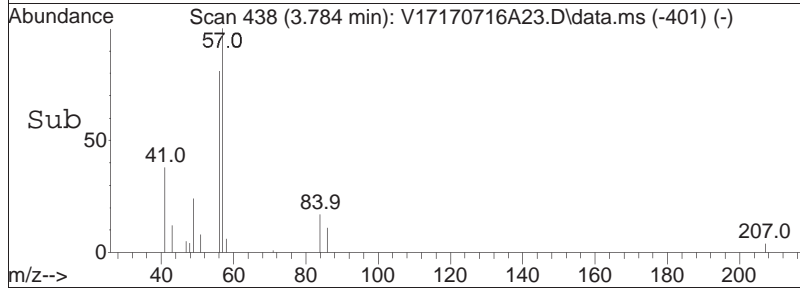
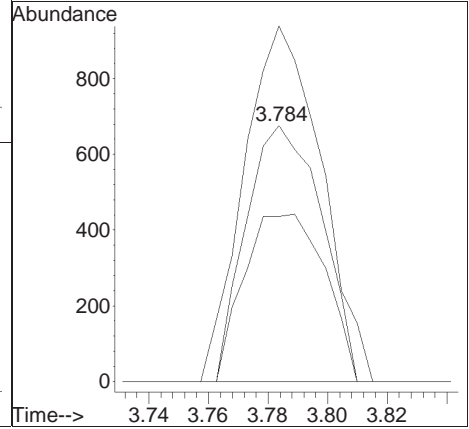
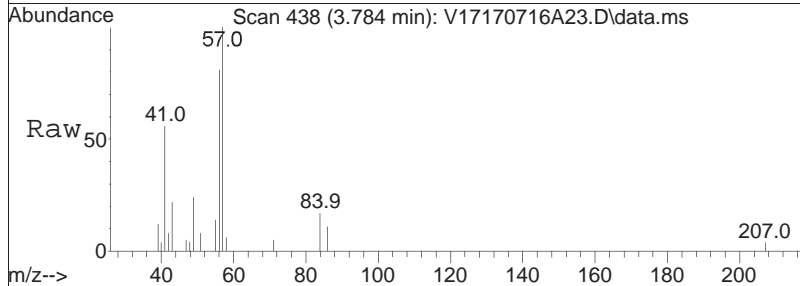
Tgt Ion	Resp	Lower	Upper
76	10562		
76	100		
78	8.1	6.4	13.4

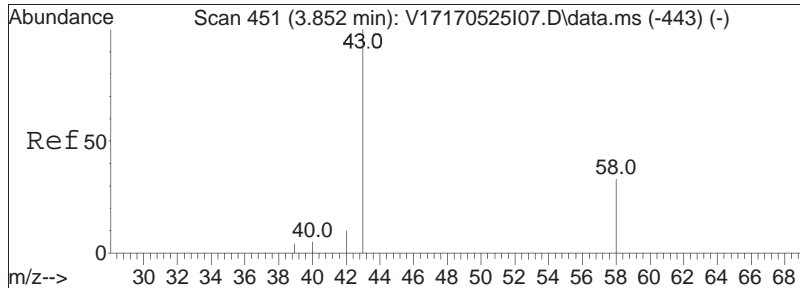




#15
 Methylene chloride
 Concen: 0.43 ug/L
 RT: 3.784 min Scan# 438
 Delta R.T. -0.005 min
 Lab File: V17170716A23.D
 Acq: 16 Jul 2017 05:32 pm

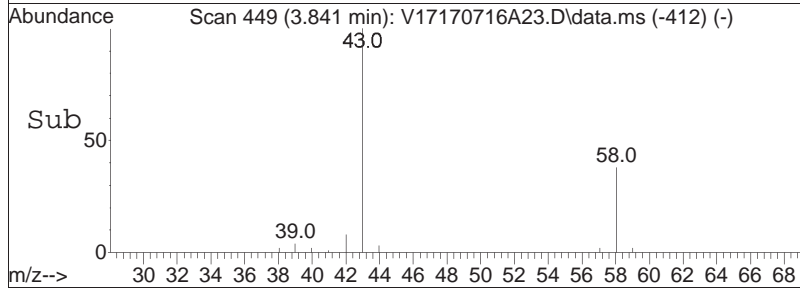
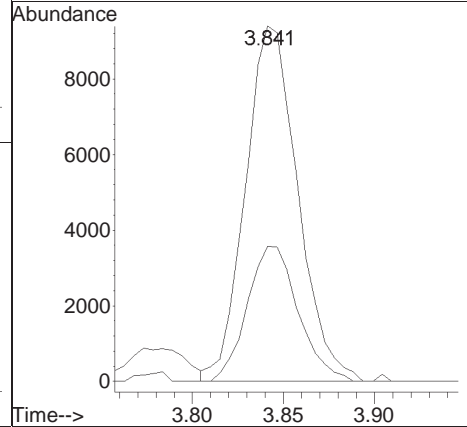
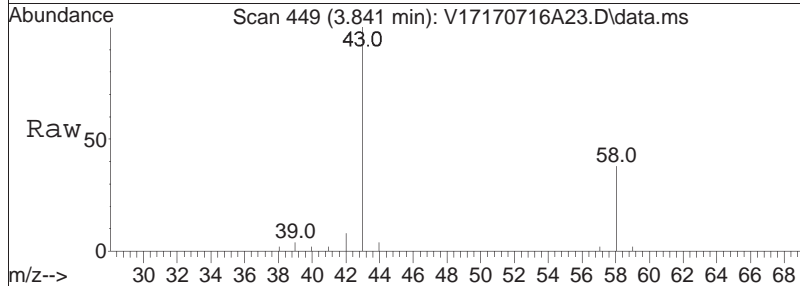
Tgt Ion	Resp	Lower	Upper
84	100		
86	69.9	42.4	88.2
49	142.2	117.3	243.5

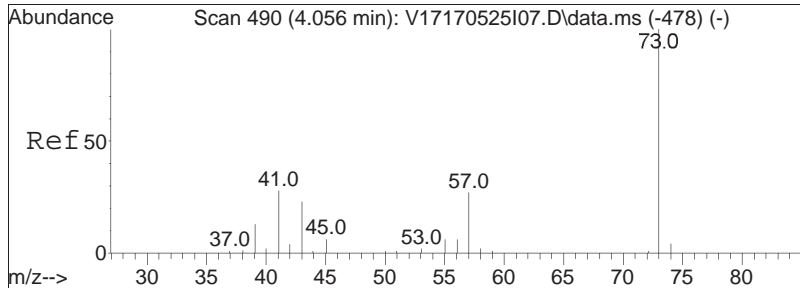




#17
 Acetone
 Concen: 42.20 ug/L
 RT: 3.841 min Scan# 449
 Delta R.T. -0.006 min
 Lab File: V17170716A23.D
 Acq: 16 Jul 2017 05:32 pm

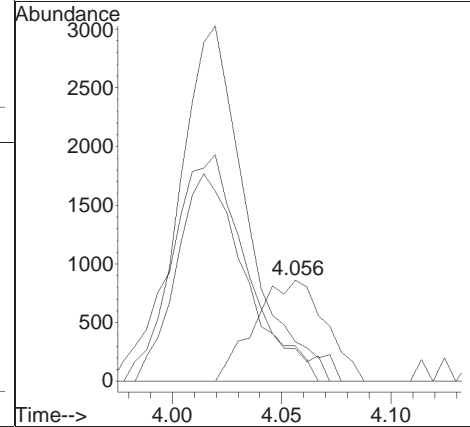
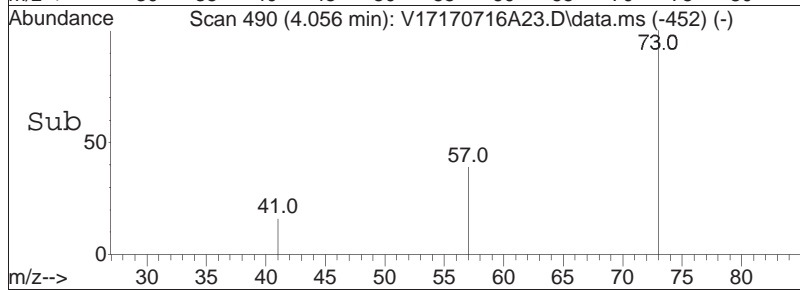
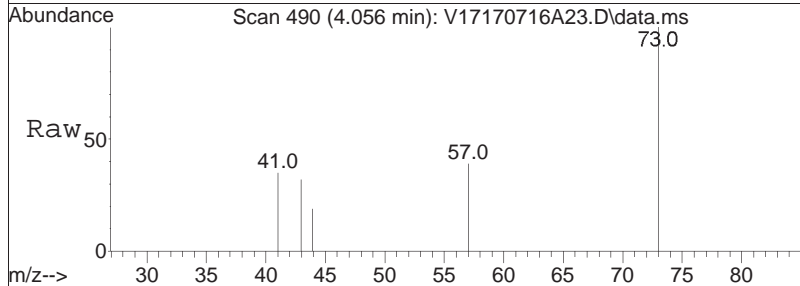
Tgt Ion:	43	58	Resp:	18804
Ion Ratio	100	37.0	Lower	Upper
			25.1	37.7

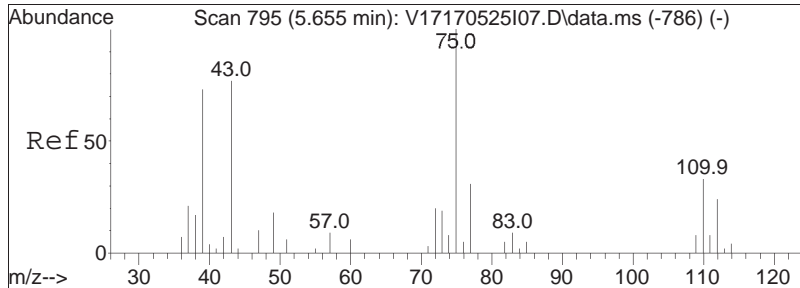




#20
 Methyl tert-butyl ether
 Concen: 0.31 ug/L
 RT: 4.056 min Scan# 490
 Delta R.T. 0.000 min
 Lab File: V17170716A23.D
 Acq: 16 Jul 2017 05:32 pm

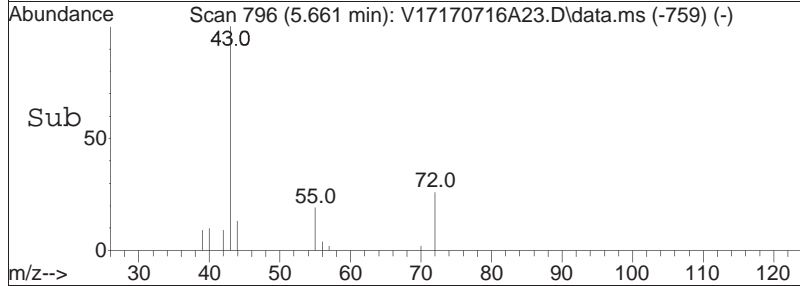
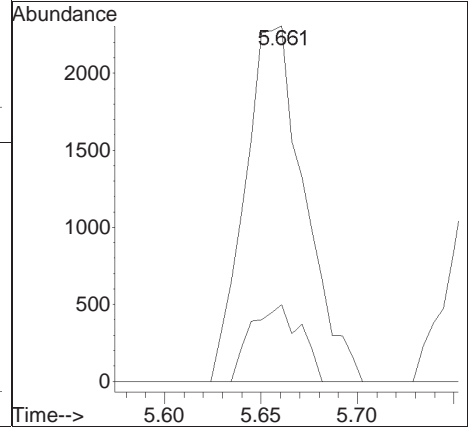
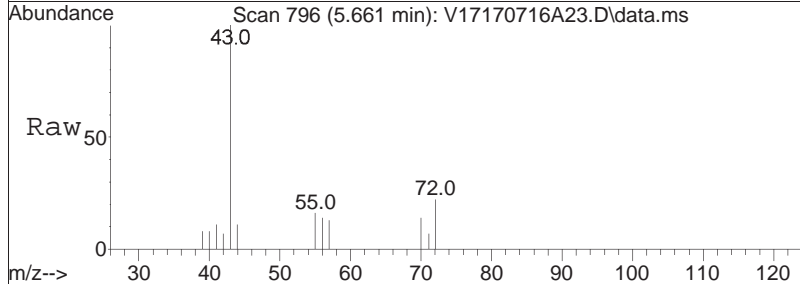
Tgt Ion	Resp	Lower	Upper
73	1933		
57	334.1	18.7	38.9#
43	204.2	18.1	37.7#
41	244.3	17.9	37.3#

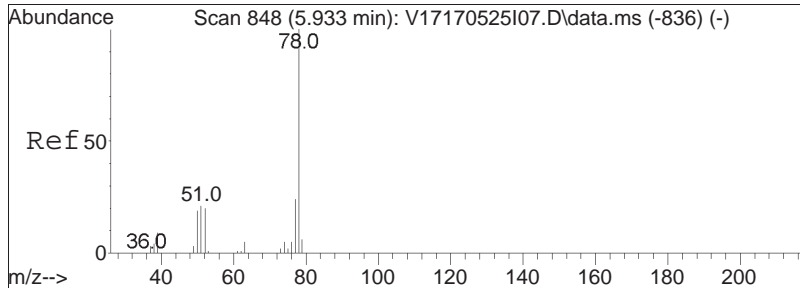




#39
 2-Butanone
 Concen: 6.77 ug/L
 RT: 5.661 min Scan# 796
 Delta R.T. -0.005 min
 Lab File: V17170716A23.D
 Acq: 16 Jul 2017 05:32 pm

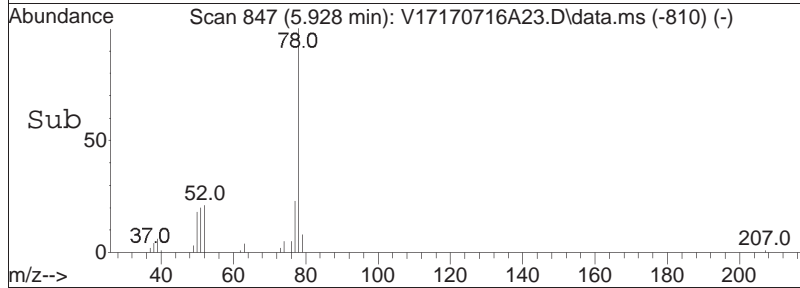
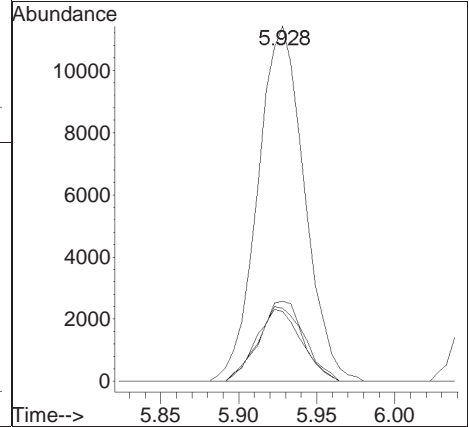
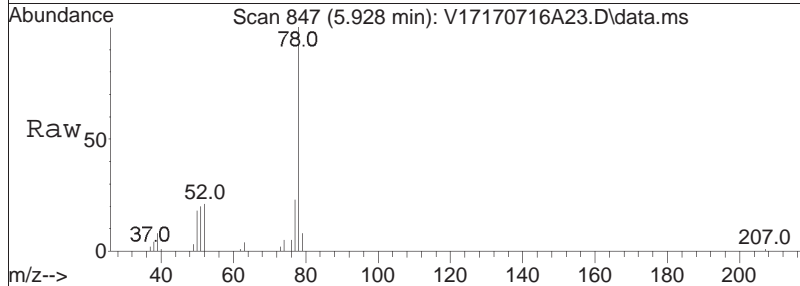
Tgt Ion: 43 Resp: 4949
 Ion Ratio Lower Upper
 43 100
 72 18.0 20.4 30.6#

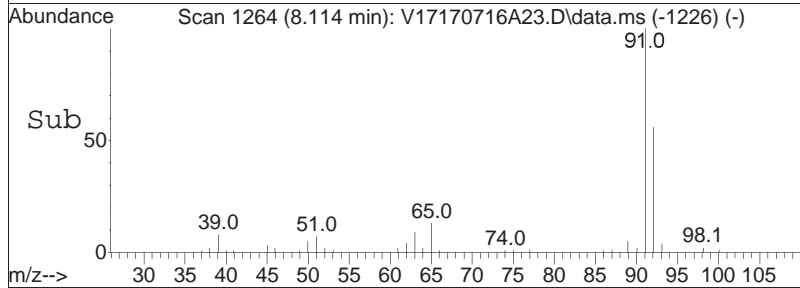
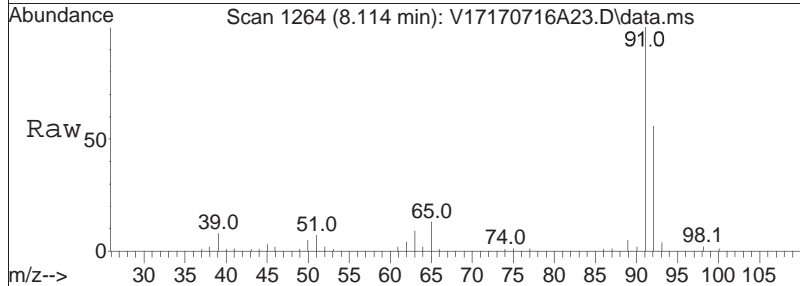
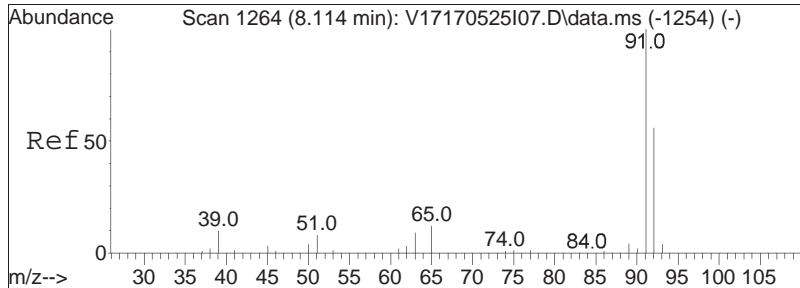




#41
 Benzene
 Concen: 2.12 ug/L
 RT: 5.928 min Scan# 847
 Delta R.T. -0.005 min
 Lab File: V17170716A23.D
 Acq: 16 Jul 2017 05:32 pm

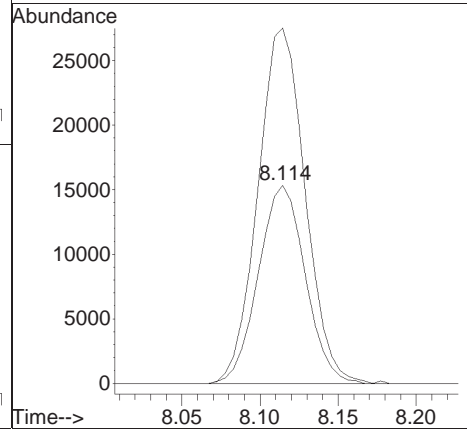
Tgt Ion	Resp	Lower	Upper
78	100		
77	22.6	15.0	31.1
51	19.4	14.0	29.2
52	20.3	14.3	29.7

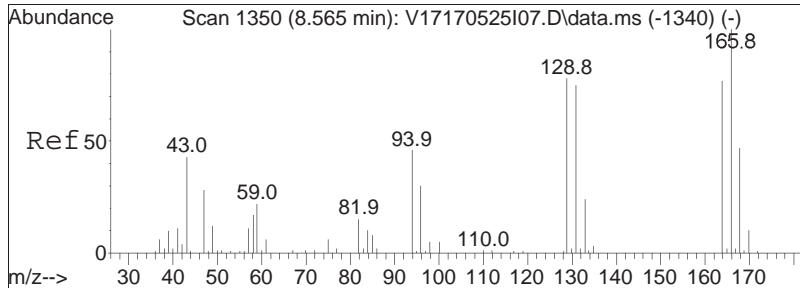




#61
 Toluene
 Concen: 4.74 ug/L
 RT: 8.114 min Scan# 1264
 Delta R.T. 0.000 min
 Lab File: V17170716A23.D
 Acq: 16 Jul 2017 05:32 pm

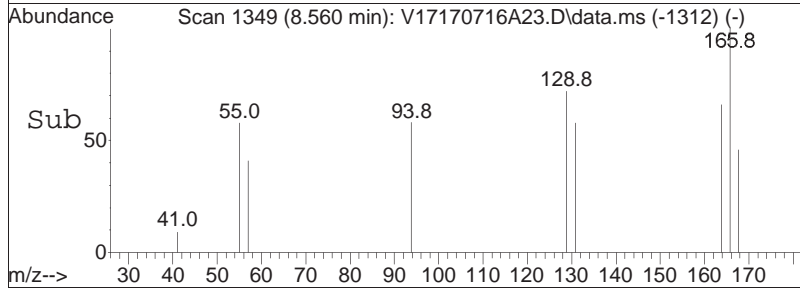
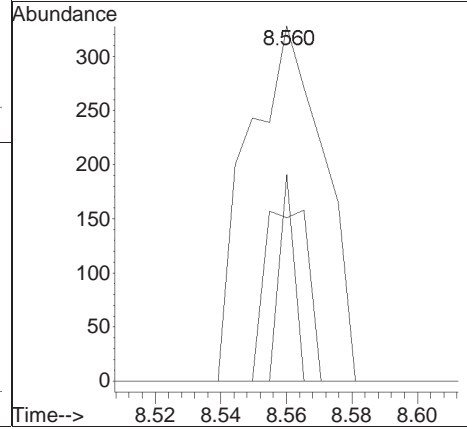
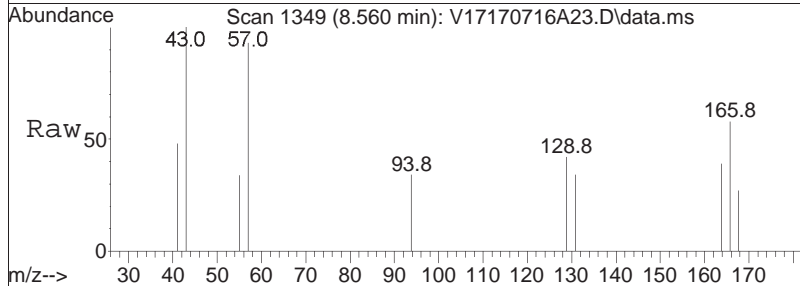
Tgt Ion:	92	Resp:	31952
Ion Ratio	Lower	Upper	
92	100		
91	180.8	142.4	213.6

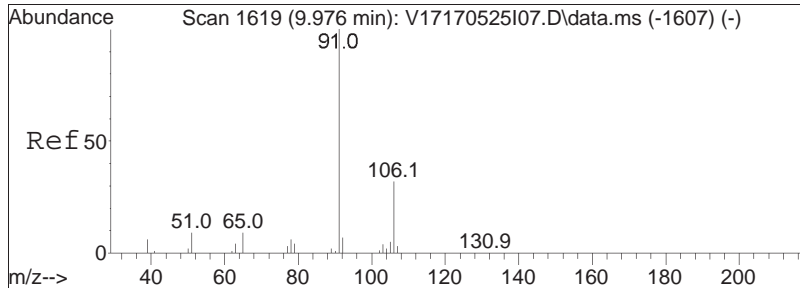




#63
 Tetrachloroethene
 Concen: 0.17 ug/L
 RT: 8.560 min Scan# 1349
 Delta R.T. -0.005 min
 Lab File: V17170716A23.D
 Acq: 16 Jul 2017 05:32 pm

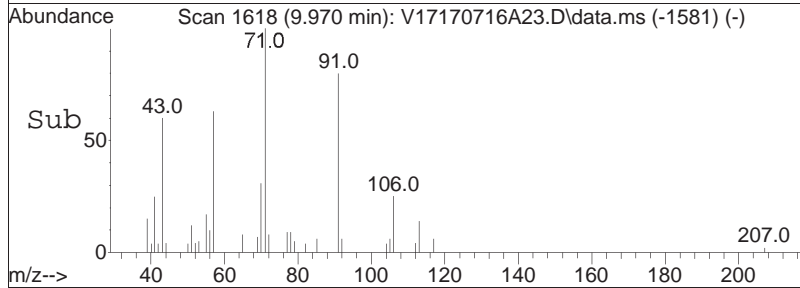
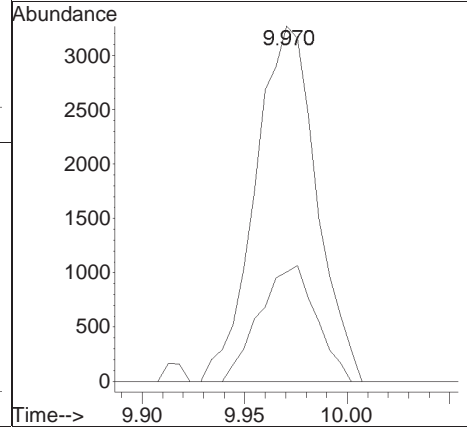
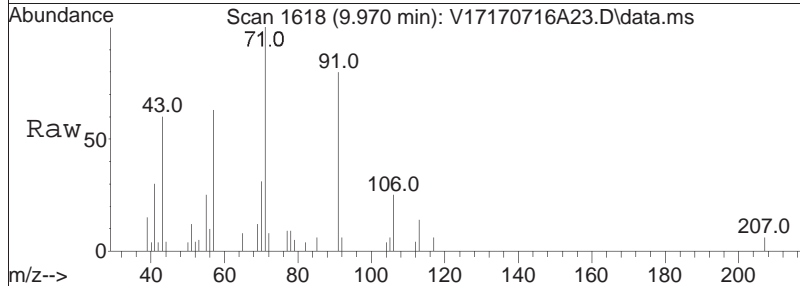
Tgt Ion	Ratio	Lower	Upper
166	100		
168	28.1	27.9	67.9
94	11.5	20.4	60.4#

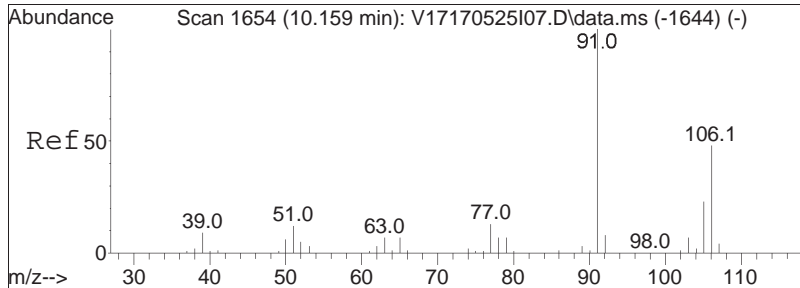




#74
 Ethylbenzene
 Concen: 0.51 ug/L
 RT: 9.970 min Scan# 1618
 Delta R.T. -0.006 min
 Lab File: V17170716A23.D
 Acq: 16 Jul 2017 05:32 pm

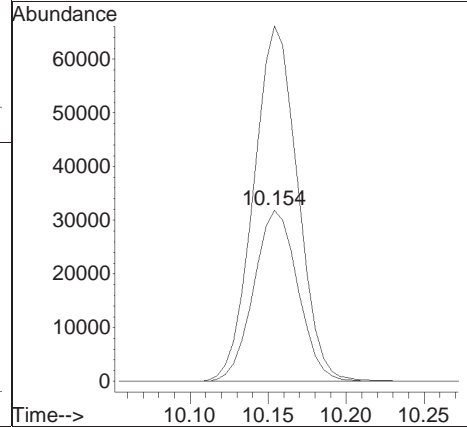
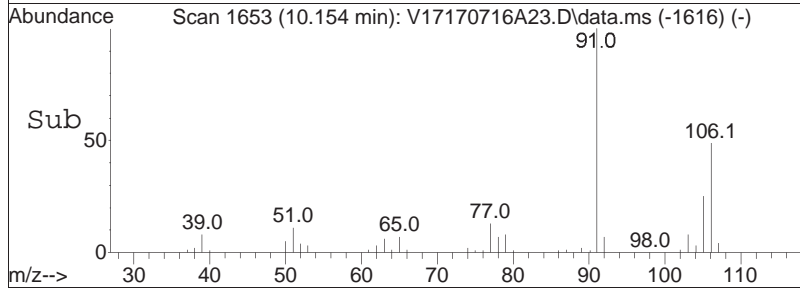
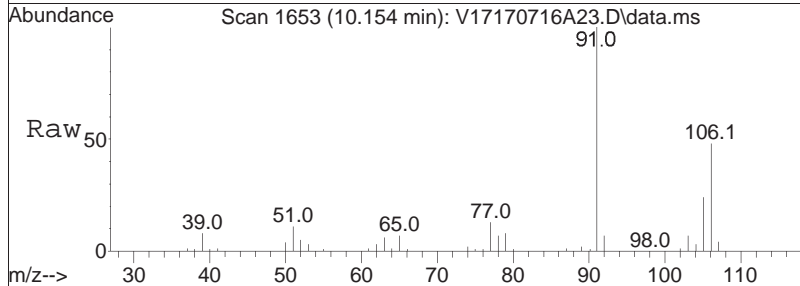
Tgt Ion:	91	Resp:	6803
Ion Ratio	Lower	Upper	
91	100		
106	30.1	25.8	38.6

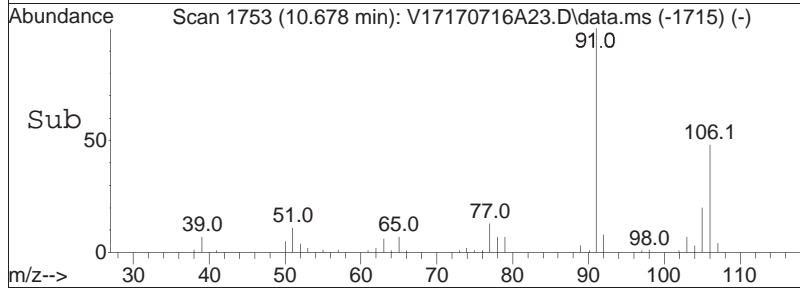
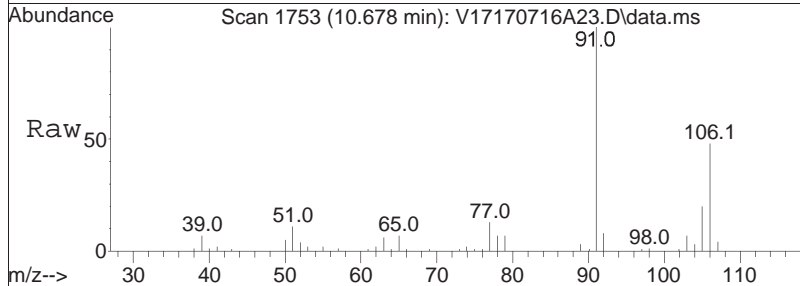
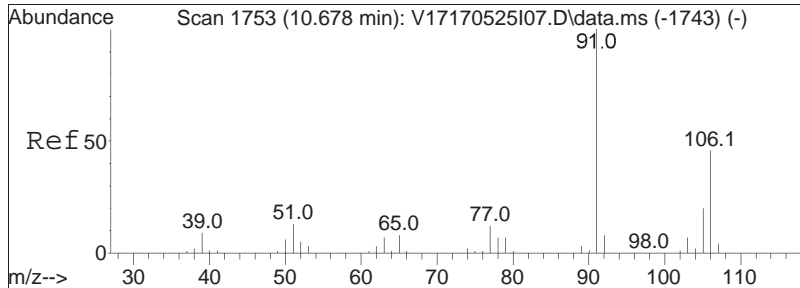




#76
 p/m Xylene
 Concen: 12.17 ug/L
 RT: 10.154 min Scan# 1653
 Delta R.T. -0.005 min
 Lab File: V17170716A23.D
 Acq: 16 Jul 2017 05:32 pm

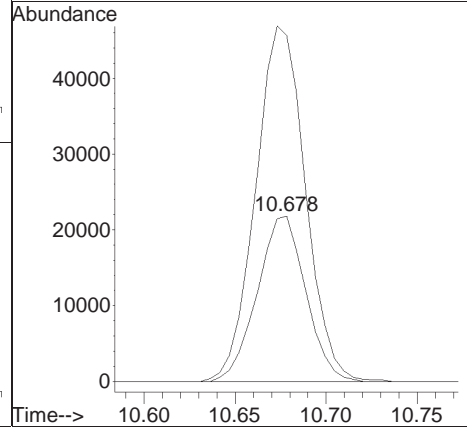
Tgt Ion	Resp	Lower	Upper
106	100		
91	207.5	162.9	244.3

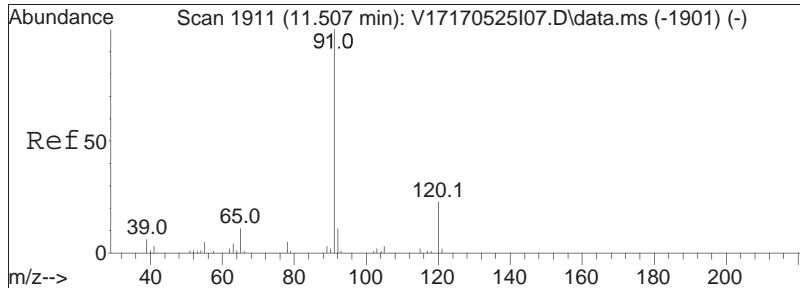




#77
 o Xylene
 Concen: 8.24 ug/L
 RT: 10.678 min Scan# 1753
 Delta R.T. 0.000 min
 Lab File: V17170716A23.D
 Acq: 16 Jul 2017 05:32 pm

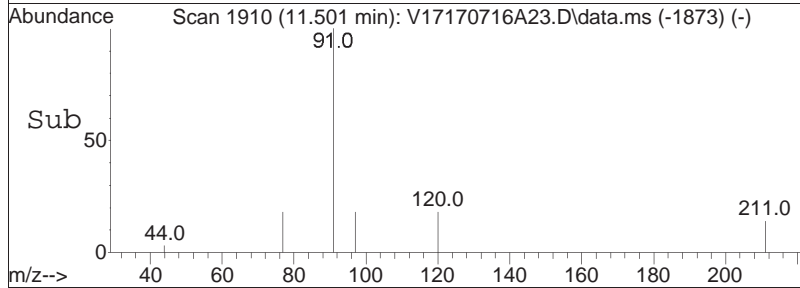
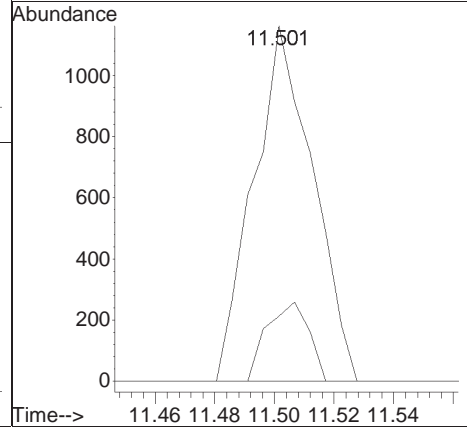
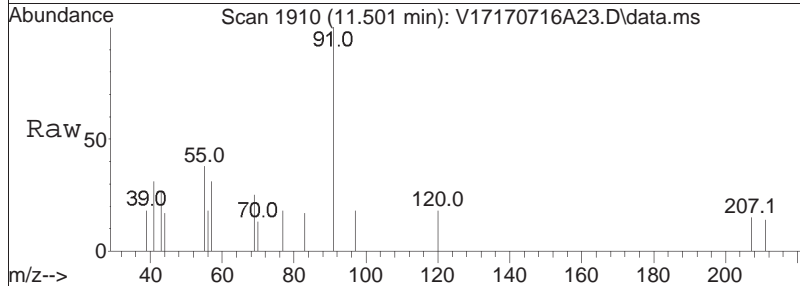
Tgt Ion	Ratio	Lower	Upper
106	100		
91	221.1	170.4	255.6

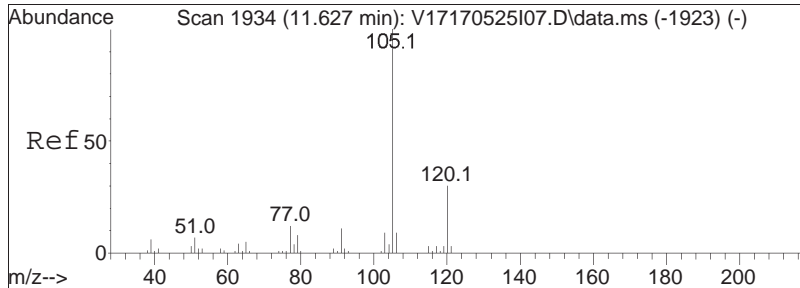




#85
 n-Propylbenzene
 Concen: 0.10 ug/L
 RT: 11.501 min Scan# 1910
 Delta R.T. -0.006 min
 Lab File: V17170716A23.D
 Acq: 16 Jul 2017 05:32 pm

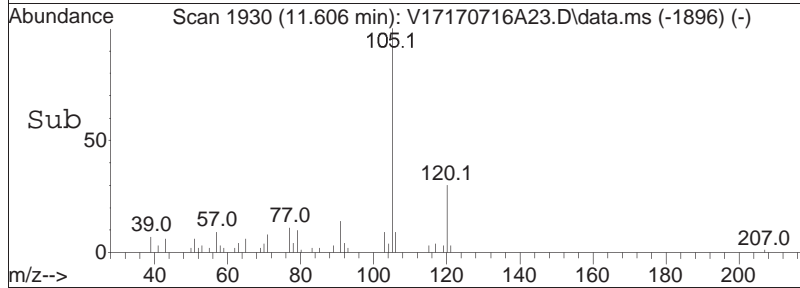
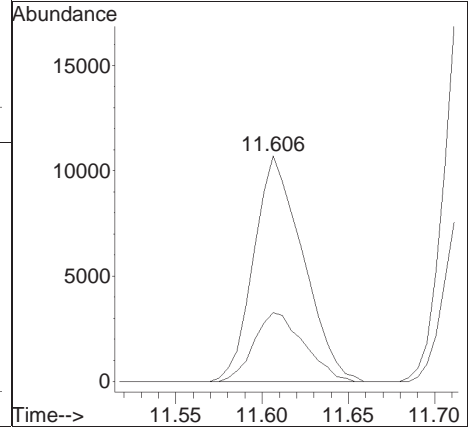
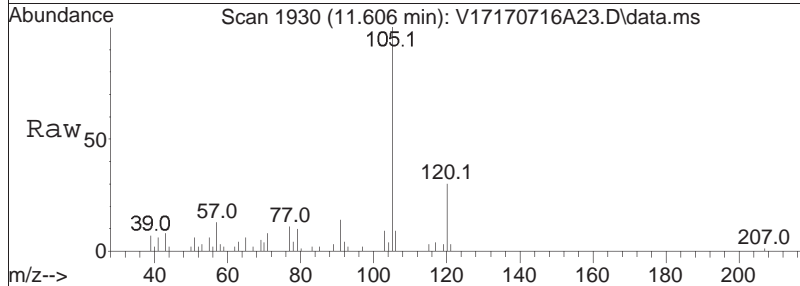
Tgt Ion: 91 Resp: 1609
 Ion Ratio Lower Upper
 91 100
 120 15.8 19.5 29.3#

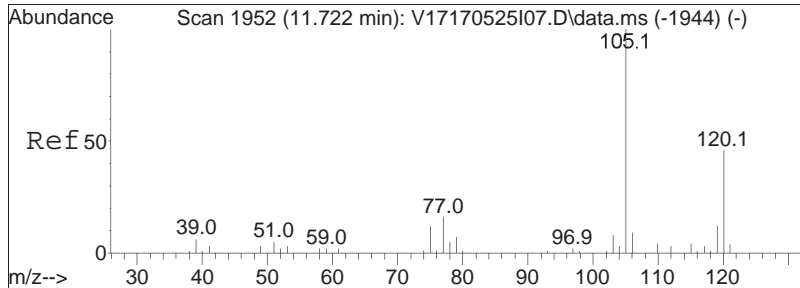




#88
 4-Ethyltoluene
 Concen: 1.68 ug/L
 RT: 11.606 min Scan# 1930
 Delta R.T. -0.021 min
 Lab File: V17170716A23.D
 Acq: 16 Jul 2017 05:32 pm

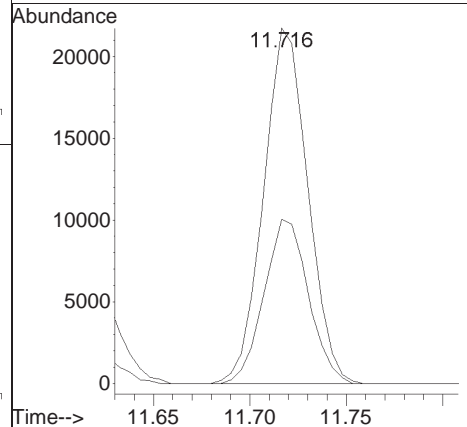
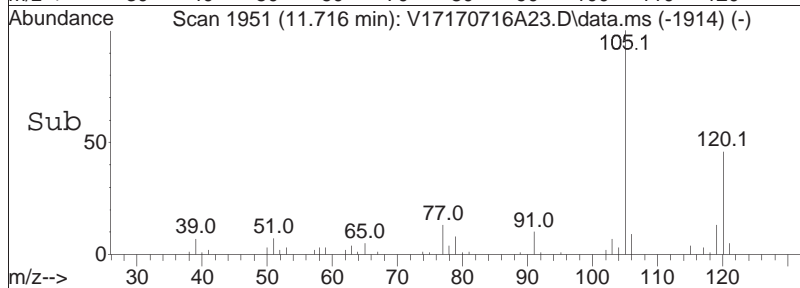
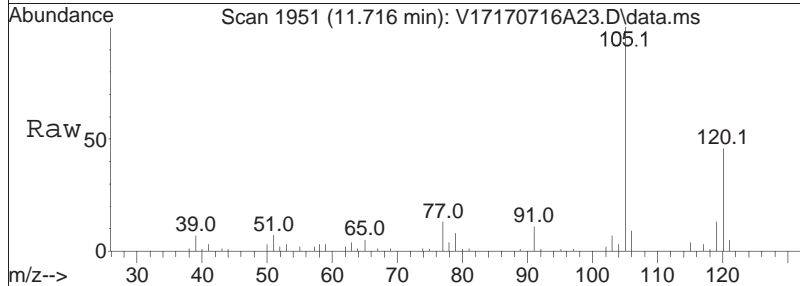
Tgt Ion	Resp	Lower	Upper
105	100		
120	31.0	20.2	42.0

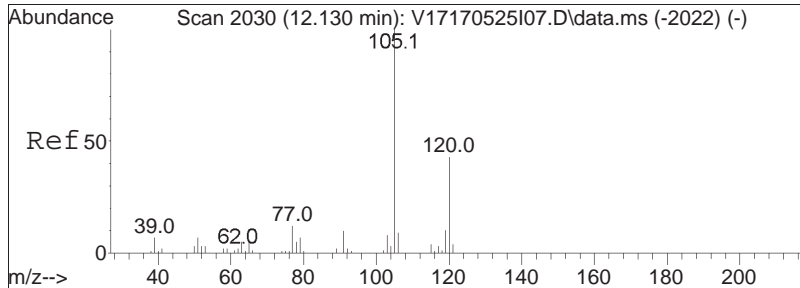




#90
 1,3,5-Trimethylbenzene
 Concen: 3.07 ug/L
 RT: 11.716 min Scan# 1951
 Delta R.T. -0.006 min
 Lab File: V17170716A23.D
 Acq: 16 Jul 2017 05:32 pm

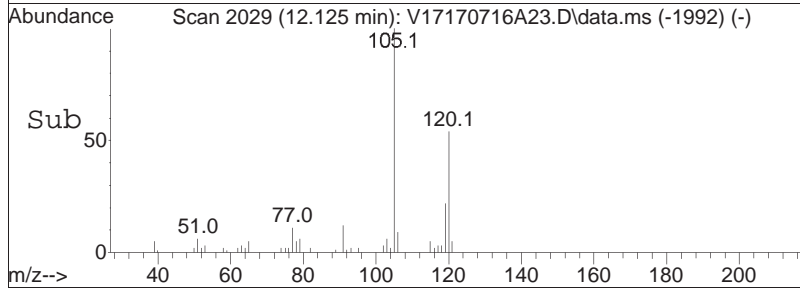
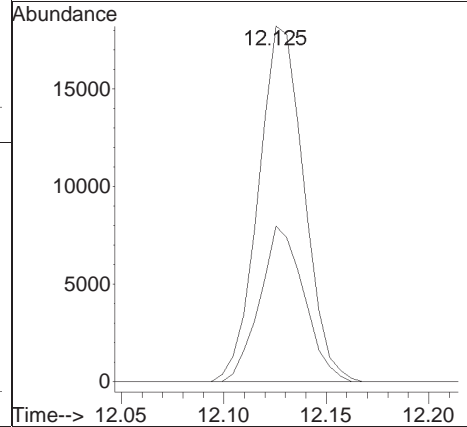
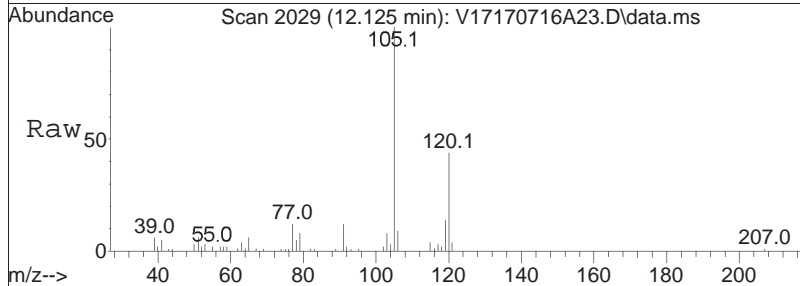
Tgt Ion:	105	Resp:	34671
Ion Ratio	Lower	Upper	
105	100		
120	46.1	37.9	56.9

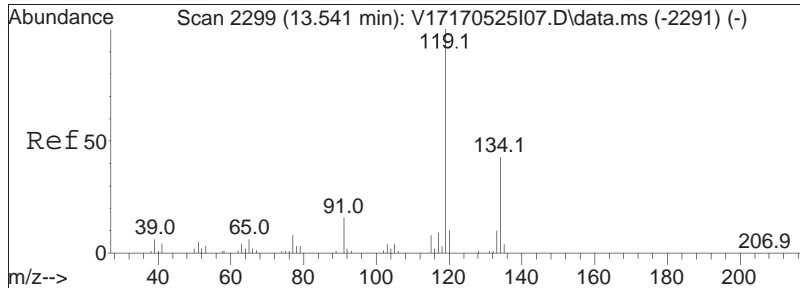




#97
 1,2,4-Trimethylbenzene
 Concen: 2.52 ug/L
 RT: 12.125 min Scan# 2029
 Delta R.T. -0.006 min
 Lab File: V17170716A23.D
 Acq: 16 Jul 2017 05:32 pm

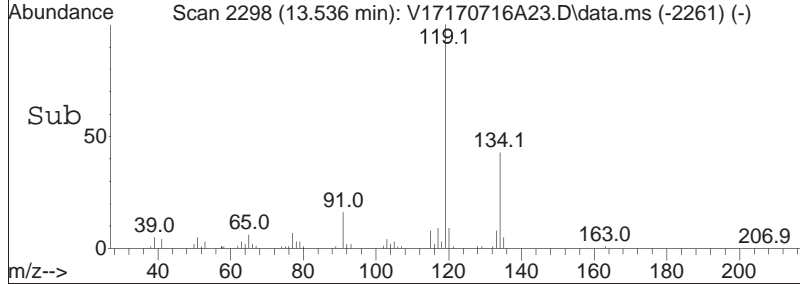
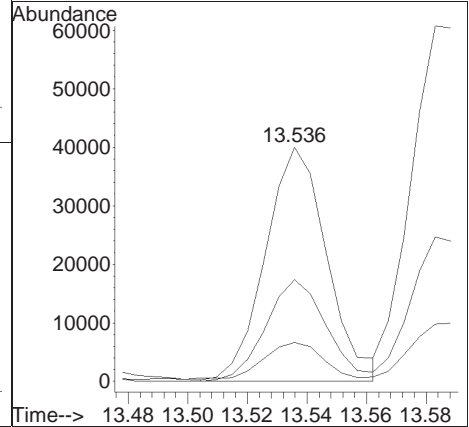
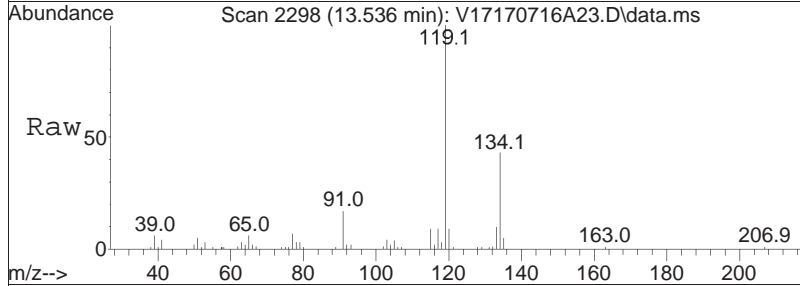
Tgt Ion	Resp	Lower	Upper
105	100		
120	42.3	35.7	53.5

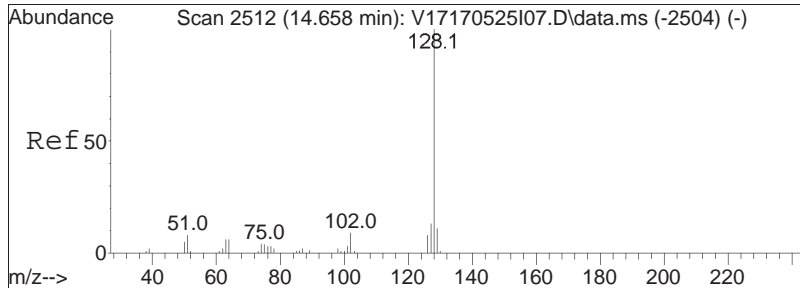




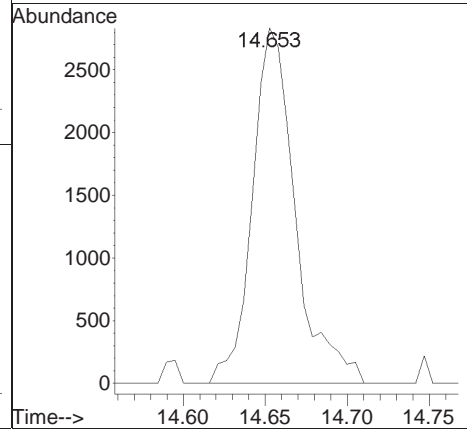
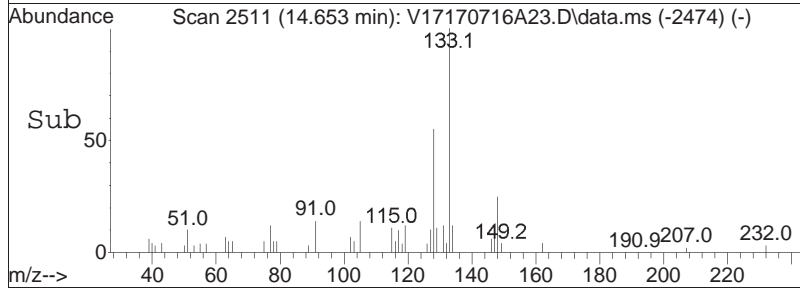
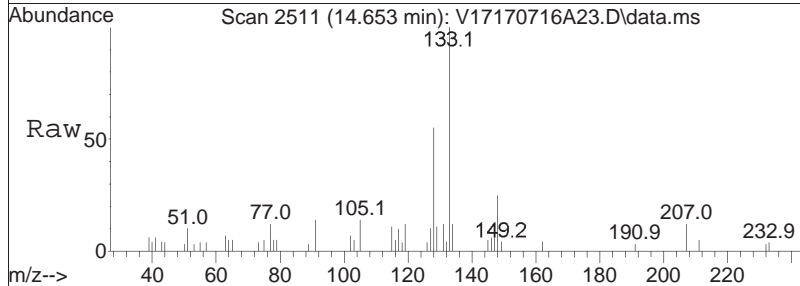
#105
 1,2,4,5-Tetramethylbenzene
 Concen: 5.15 ug/L
 RT: 13.536 min Scan# 2298
 Delta R.T. -0.005 min
 Lab File: V17170716A23.D
 Acq: 16 Jul 2017 05:32 pm

Tgt Ion	Ratio	Lower	Upper
119	100		
134	43.1	29.3	60.8
91	17.2	10.0	20.8





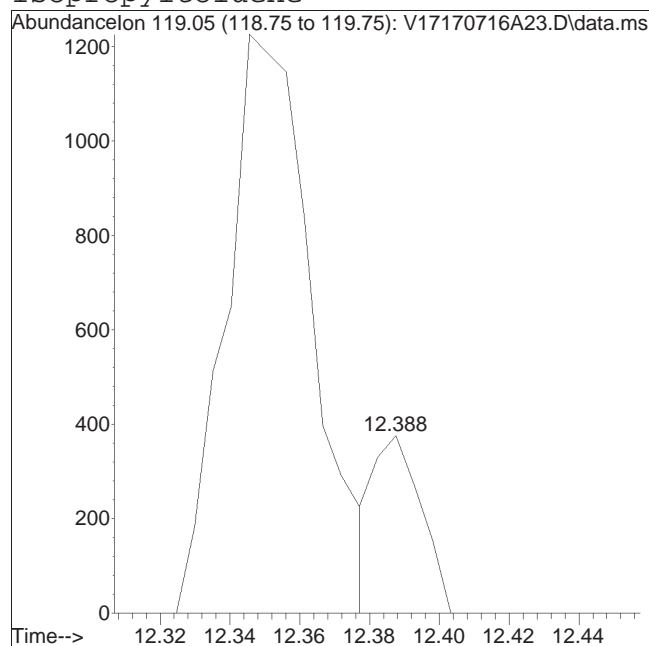
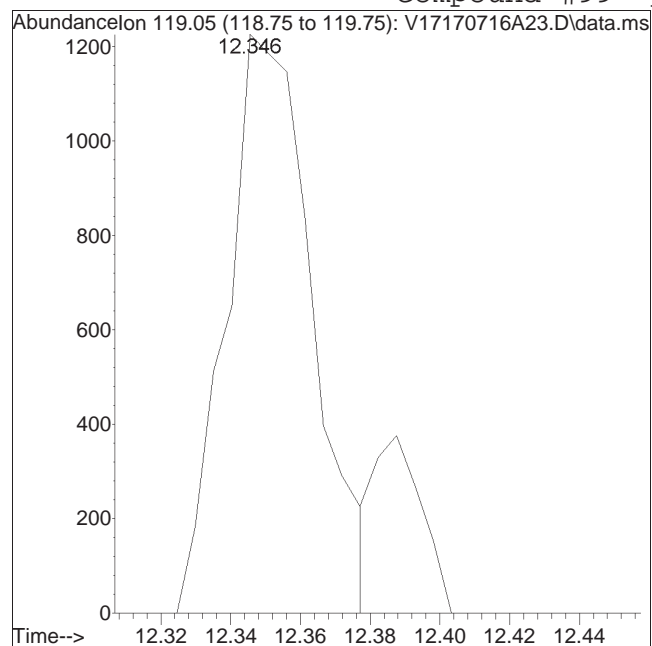
#110
 Naphthalene
 Concen: 0.68 ug/L
 RT: 14.653 min Scan# 2511
 Delta R.T. -0.005 min
 Lab File: V17170716A23.D
 Acq: 16 Jul 2017 05:32 pm
 Tgt Ion:128 Resp: 5171



Manual Integration Report

Data Path : I:\VOLATILES\VOA117\2017\1QMethod : V117_170525_8260.m
Data File : V17170716A23.D Operator : VOA117:MV
Date Inj'd : 7/16/2017 5:32 pm Instrument : VOA 117
Sample : 11723686-12,31,6.9,5,,b Quant Date : 7/17/2017 6:20 am

Compound #99: p-Isopropyltoluene



Original Peak Response = 2094

Manual Peak Response = 356 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA117\2017\170716A\
 Data File : V17170716A24.D
 Acq On : 16 Jul 2017 05:58 pm
 Operator : VOA117:MV
 Sample : 11723686-14,31,11.7,5,,b
 Misc : WG1023115,ICAL13689
 ALS Vial : 24 Sample Multiplier: 1

Quant Time: Jul 17 07:23:51 2017
 Quant Method : I:\VOLATILES\VOA117\2017\170716A\V117_170525_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 25 12:01:44 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA117\2017\170716A\V17170716A01.D
 Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	

Internal Standards							
1) Fluorobenzene	6.347	96	186472	20.000	ug/L	0.00	
Standard Area 1 = 144303			Recovery = 129.22%				
59) Chlorobenzene-d5	9.913	117	129144	20.000	ug/L	0.00	
Standard Area 1 = 109443			Recovery = 118.00%				
79) 1,4-Dichlorobenzene-d4	12.534	152	71600	20.000	ug/L	0.00	
Standard Area 1 = 60580			Recovery = 118.19%				
System Monitoring Compounds							
36) Dibromofluoromethane	5.519	113	38642	15.529	ug/L	0.00	
Spiked Amount 20.000	Range 70 - 130		Recovery = 77.64%				
43) 1,2-Dichloroethane-d4	6.064	65	55255	21.690	ug/L	0.00	
Spiked Amount 20.000	Range 70 - 130		Recovery = 108.45%				
60) Toluene-d8	8.057	98	207792	24.857	ug/L	0.00	
Spiked Amount 20.000	Range 70 - 130		Recovery = 124.29%				
83) 4-Bromofluorobenzene	11.355	95	90023	28.791	ug/L	0.00	
Spiked Amount 20.000	Range 70 - 130		Recovery = 143.96%#				
Target Compounds							
2) Dichlorodifluoromethane	1.776	85	55	N.D.			Qvalue
3) Chloromethane	0.000		0	N.D.	d		
4) Vinyl chloride	2.064	62	312	N.D.			
5) Bromomethane	0.000		0	N.D.			
6) Chloroethane	2.447	64	102	N.D.			
7) Trichlorofluoromethane	0.000		0	N.D.			
8) Ethyl ether	0.000		0	N.D.			
10) 1,1-Dichloroethene	0.000		0	N.D.			
11) Carbon disulfide	3.233	76	44043	3.994	ug/L	96	
15) Methylene chloride	0.000		0	N.D.	d		
17) Acetone	0.000		0	N.D.	d		
18) trans-1,2-Dichloroethene	0.000		0	N.D.			
20) Methyl tert-butyl ether	4.051	73	18181	2.510	ug/L #	1	
23) 1,1-Dichloroethane	0.000		0	N.D.	d		
25) Acrylonitrile	0.000		0	N.D.	d		
27) Vinyl acetate	0.000		0	N.D.	d		
28) cis-1,2-Dichloroethene	0.000		0	N.D.	d		
29) 2,2-Dichloropropane	0.000		0	N.D.	d		
30) Bromochloromethane	0.000		0	N.D.			
32) Chloroform	0.000		0	N.D.	d		

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA117\2017\170716A\
 Data File : V17170716A24.D
 Acq On : 16 Jul 2017 05:58 pm
 Operator : VOA117:MV
 Sample : 11723686-14,31,11.7,5,,b
 Misc : WG1023115,ICAL13689
 ALS Vial : 24 Sample Multiplier: 1

Quant Time: Jul 17 07:23:51 2017
 Quant Method : I:\VOLATILES\VOA117\2017\170716A\V117_170525_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 25 12:01:44 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA117\2017\170716A\V17170716A01.D
 Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Carbon tetrachloride	0.000		0		N.D.	
37) 1,1,1-Trichloroethane	0.000		0		N.D. d	
39) 2-Butanone	0.000		0		N.D. d	
40) 1,1-Dichloropropene	5.666	75	57		N.D.	
41) Benzene	5.928	78	825392	62.588	ug/L	98
44) 1,2-Dichloroethane	0.000		0		N.D. d	
48) Trichloroethene	0.000		0		N.D. d	
50) Dibromomethane	0.000		0		N.D. d	
51) 1,2-Dichloropropane	0.000		0		N.D. d	
54) Bromodichloromethane	0.000		0		N.D. d	
57) 1,4-Dioxane	0.000		0		N.D.	
58) cis-1,3-Dichloropropene	0.000		0		N.D. d	
61) Toluene	8.114	92	716522	103.482	ug/L	99
62) 4-Methyl-2-pentanone	0.000		0		N.D. d	
63) Tetrachloroethene	0.000		0		N.D. d	
65) trans-1,3-Dichloropropene	0.000		0		N.D.	
68) 1,1,2-Trichloroethane	0.000		0		N.D. d	
69) Chlorodibromomethane	0.000		0		N.D.	
70) 1,3-Dichloropropane	0.000		0		N.D.	
71) 1,2-Dibromoethane	0.000		0		N.D. d	
72) 2-Hexanone	0.000		0		N.D. d	
73) Chlorobenzene	0.000		0		N.D. d	
74) Ethylbenzene	9.970	91	659456	47.964	ug/L	99
75) 1,1,1,2-Tetrachloroethane	0.000		0		N.D.	
76) p/m Xylene	10.154	106	521036	98.574	ug/L	95
77) o Xylene	10.678	106	185156	36.931	ug/L	95
78) Styrene	10.741	104	2451	0.298	ug/L	91
80) Bromoform	0.000		0		N.D.	
82) Isopropylbenzene	11.040	105	371661	27.596	ug/L	99
84) Bromobenzene	0.000		0		N.D.	
85) n-Propylbenzene	11.501	91	1256695	74.941	ug/L	98
87) 1,1,2,2-Tetrachloroethane	0.000		0		N.D. d	
88) 4-Ethyltoluene	11.622	105	1078990M1	80.176	ug/L	
89) 2-Chlorotoluene	0.000		0		N.D. d	
90) 1,3,5-Trimethylbenzene	11.722	105	211851	17.562	ug/L	98
91) 1,2,3-Trichloropropane	0.000		0		N.D. d	
92) trans-1,4-Dichloro-2-b...	0.000		0		N.D. d	
93) 4-Chlorotoluene	0.000		0		N.D. d	
94) tert-Butylbenzene	12.052	119	13126	1.316	ug/L	94

Quantitation Report (QT Reviewed)

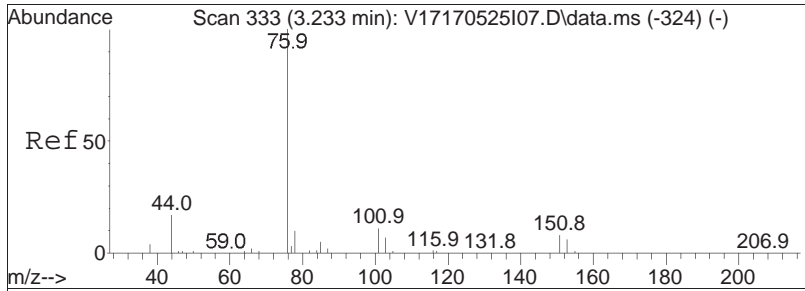
Data Path : I:\VOLATILES\VOA117\2017\170716A\
 Data File : V17170716A24.D
 Acq On : 16 Jul 2017 05:58 pm
 Operator : VOA117:MV
 Sample : 11723686-14,31,11.7,5,,b
 Misc : WG1023115,ICAL13689
 ALS Vial : 24 Sample Multiplier: 1

Quant Time: Jul 17 07:23:51 2017
 Quant Method : I:\VOLATILES\VOA117\2017\170716A\V117_170525_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 25 12:01:44 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA117\2017\170716A\V17170716A01.D
 Sub List : 8260-NYTCL - Megamix plus Diox

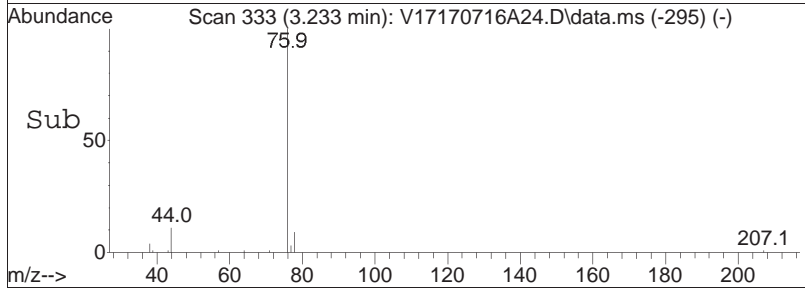
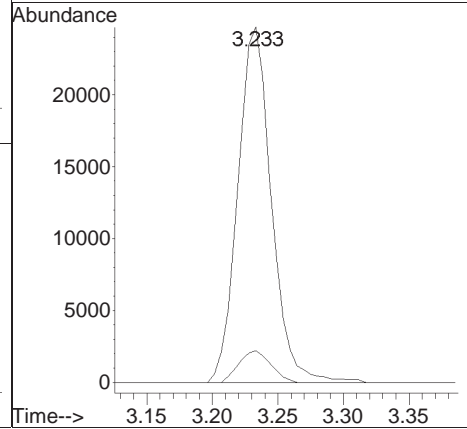
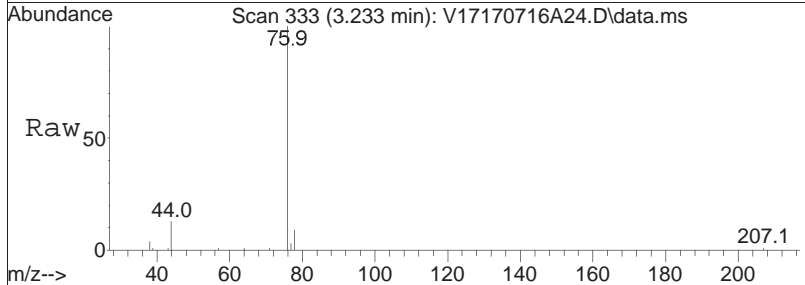
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97) 1,2,4-Trimethylbenzene	12.131	105	1203851	101.242	ug/L	98
98) sec-Butylbenzene	12.241	105	386003	25.506	ug/L #	61
99) p-Isopropyltoluene	12.388	119	118064	9.231	ug/L	96
100) 1,3-Dichlorobenzene	0.000		0	N.D.	d	
101) 1,4-Dichlorobenzene	0.000		0	N.D.	d	
102) p-Diethylbenzene	12.755	119	470183M1	59.852	ug/L	
103) n-Butylbenzene	12.812	91	302046	22.848	ug/L	98
104) 1,2-Dichlorobenzene	0.000		0	N.D.	d	
105) 1,2,4,5-Tetramethylben...	13.536	119	1493771	126.035	ug/L	97
106) 1,2-Dibromo-3-chloropr...	0.000		0	N.D.	d	
108) Hexachlorobutadiene	0.000		0	N.D.	d	
109) 1,2,4-Trichlorobenzene	0.000		0	N.D.	d	
110) Naphthalene	14.653	128	76229	9.433	ug/L	100
111) 1,2,3-Trichlorobenzene	0.000		0	N.D.	d	

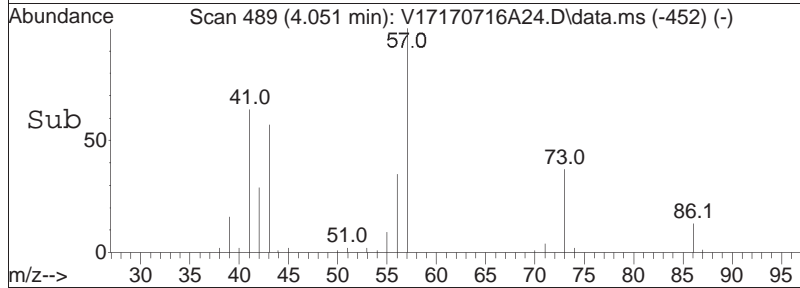
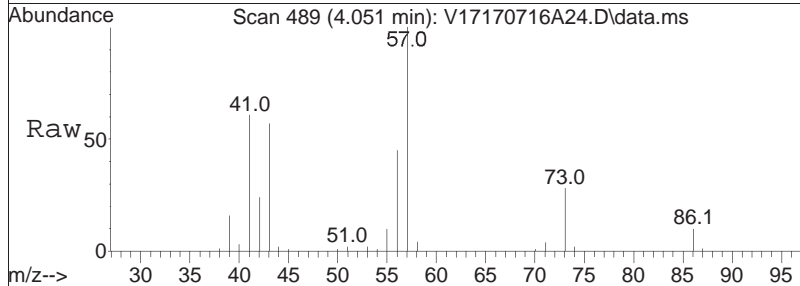
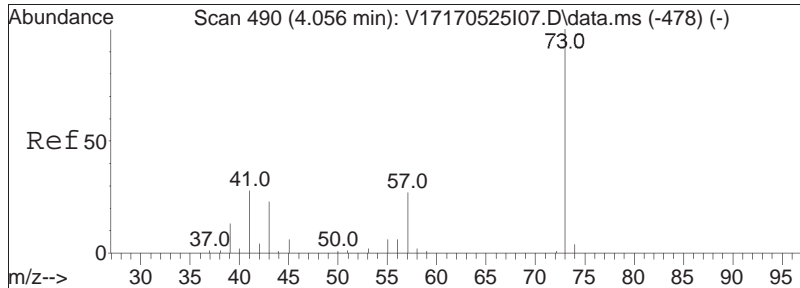
 (#) = qualifier out of range (m) = manual integration (+) = signals summed



#11
 Carbon disulfide
 Concen: 3.99 ug/L
 RT: 3.233 min Scan# 333
 Delta R.T. 0.000 min
 Lab File: V17170716A24.D
 Acq: 16 Jul 2017 05:58 pm

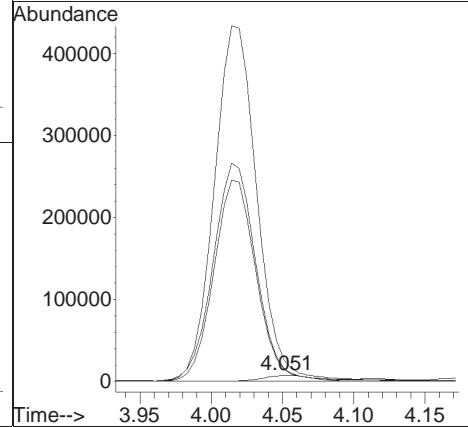
Tgt Ion	Resp	Lower	Upper
76	100		
78	8.5	6.4	13.4

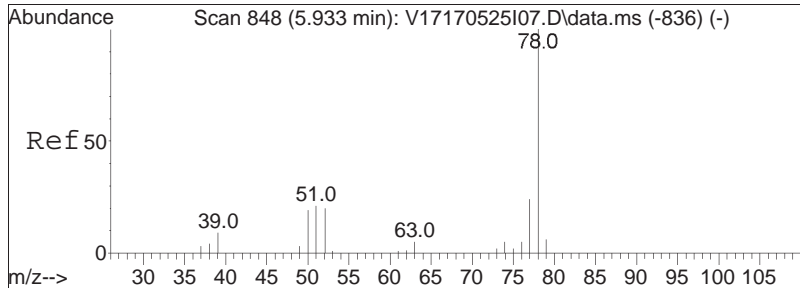




#20
 Methyl tert-butyl ether
 Concen: 2.51 ug/L
 RT: 4.051 min Scan# 489
 Delta R.T. -0.005 min
 Lab File: V17170716A24.D
 Acq: 16 Jul 2017 05:58 pm

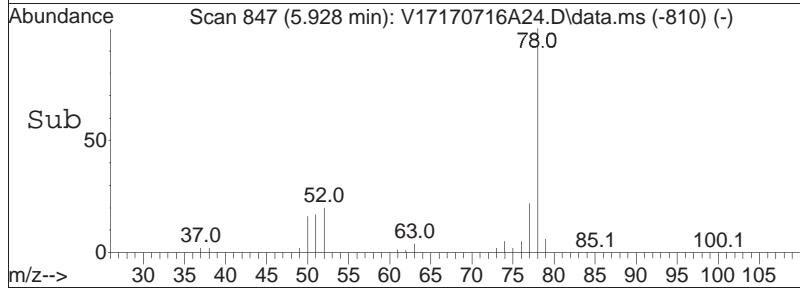
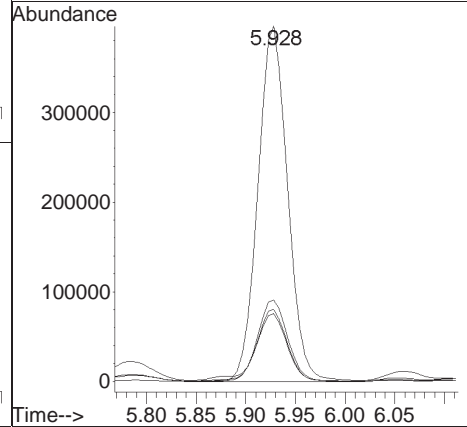
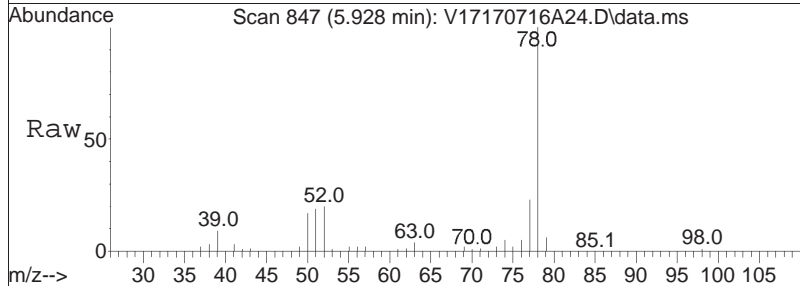
Tgt Ion:	Resp:	Lower	Upper
73	18181		
57	4986.4	18.7	38.9#
43	2821.2	18.1	37.7#
41	3081.0	17.9	37.3#

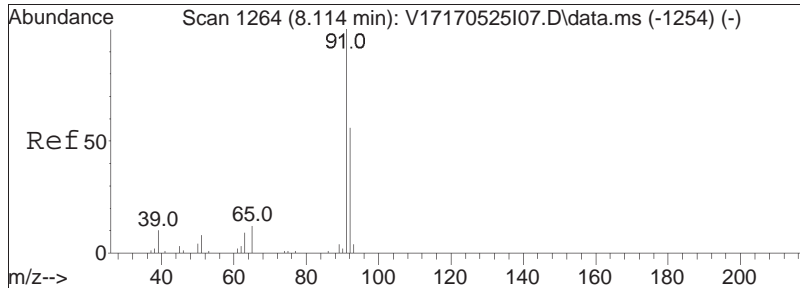




#41
Benzene
Concen: 62.59 ug/L
RT: 5.928 min Scan# 847
Delta R.T. -0.005 min
Lab File: V17170716A24.D
Acq: 16 Jul 2017 05:58 pm

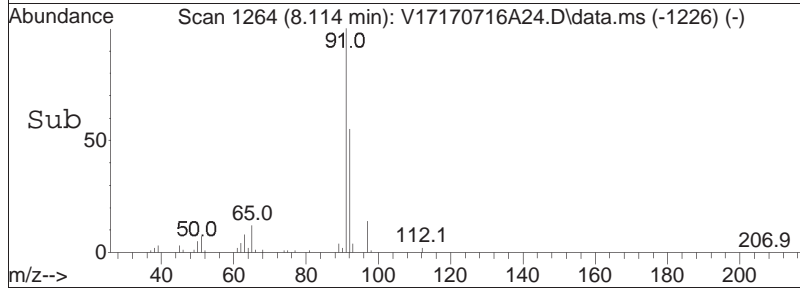
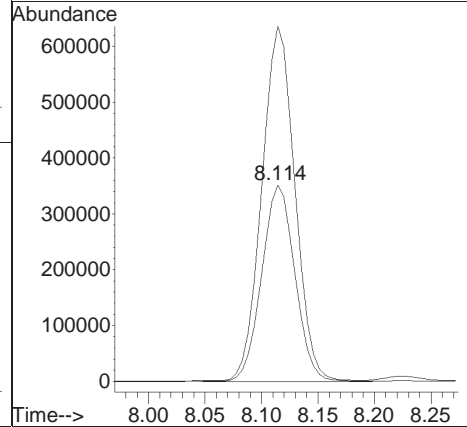
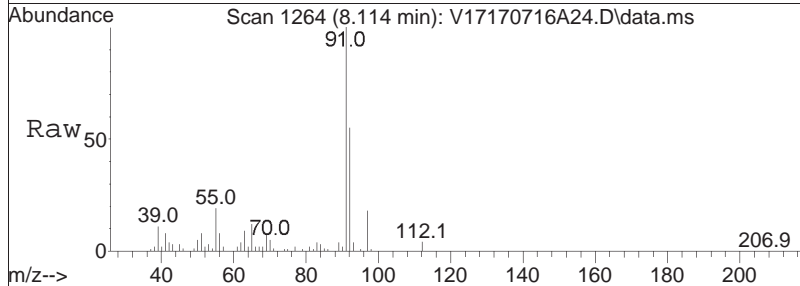
Tgt Ion	Resp	Lower	Upper
78	100		
77	23.1	15.0	31.1
51	20.3	14.0	29.2
52	20.5	14.3	29.7

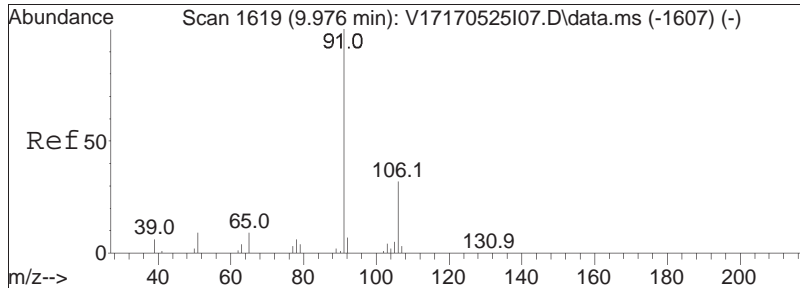




#61
 Toluene
 Concen: 103.48 ug/L
 RT: 8.114 min Scan# 1264
 Delta R.T. 0.000 min
 Lab File: V17170716A24.D
 Acq: 16 Jul 2017 05:58 pm

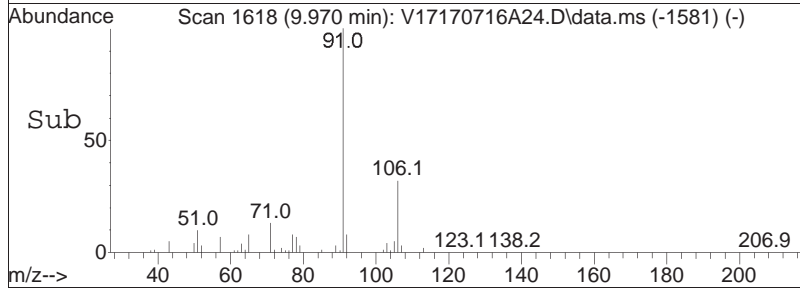
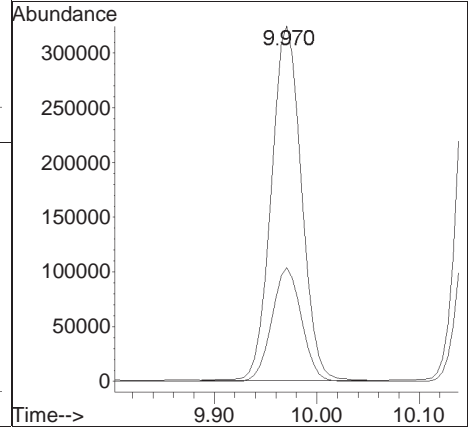
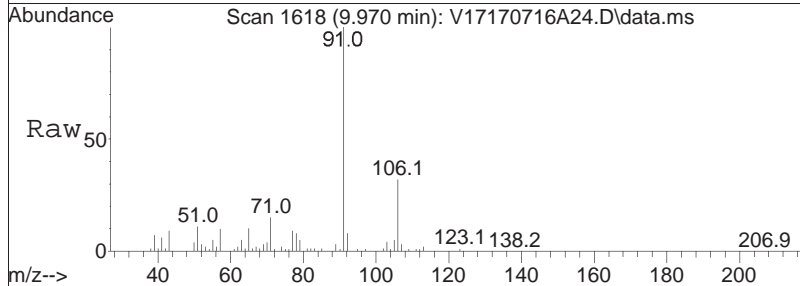
Tgt Ion	Resp	Lower	Upper
92	716522		
92	100		
91	179.4	142.4	213.6

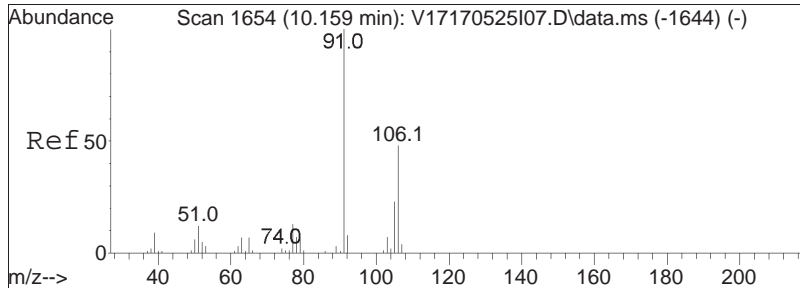




#74
 Ethylbenzene
 Concen: 47.96 ug/L
 RT: 9.970 min Scan# 1618
 Delta R.T. -0.006 min
 Lab File: V17170716A24.D
 Acq: 16 Jul 2017 05:58 pm

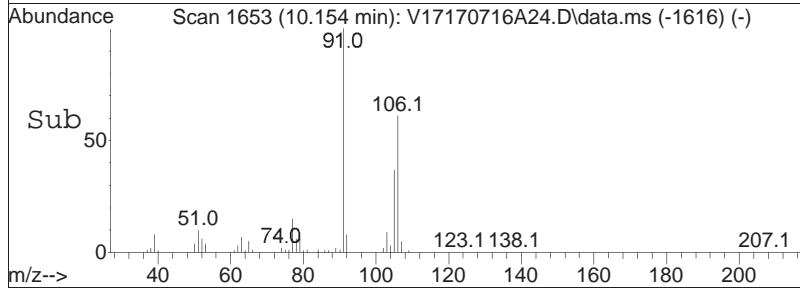
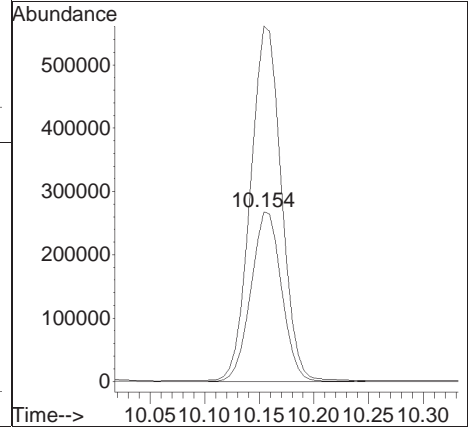
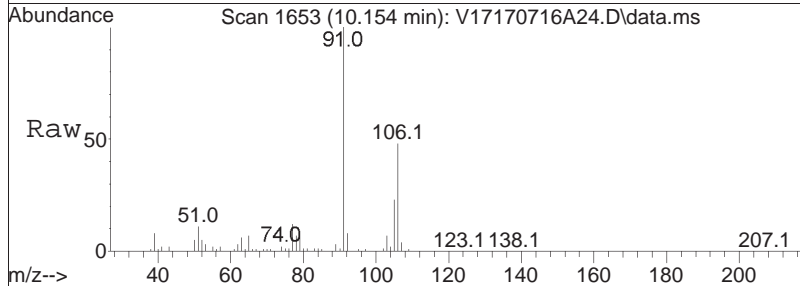
Tgt Ion:	Resp:		
Ion Ratio	Lower	Upper	
91	100		
106	31.6	25.8	38.6

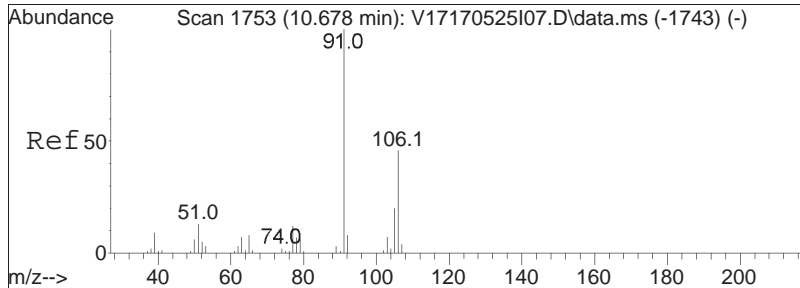




#76
 p/m Xylene
 Concen: 98.57 ug/L
 RT: 10.154 min Scan# 1653
 Delta R.T. -0.005 min
 Lab File: V17170716A24.D
 Acq: 16 Jul 2017 05:58 pm

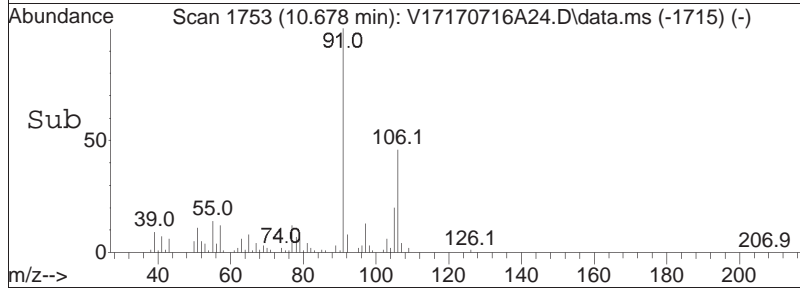
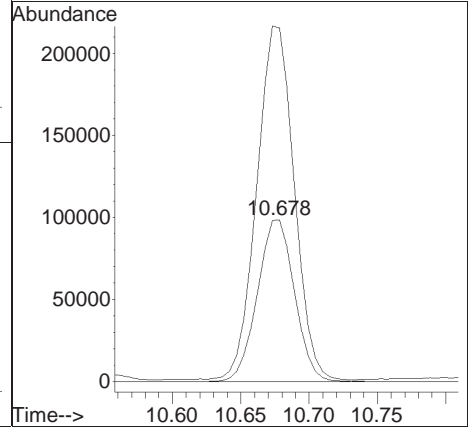
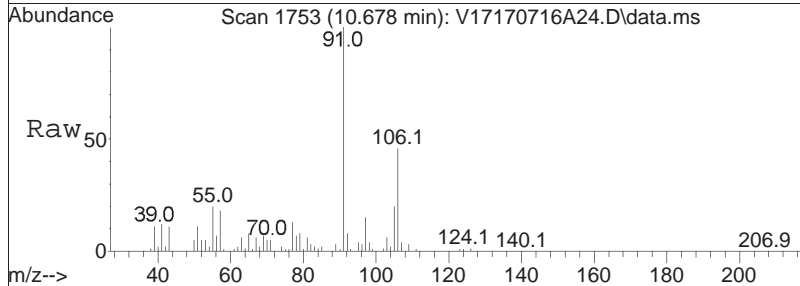
Tgt Ion	Resp	Lower	Upper
106	100		
91	210.8	162.9	244.3

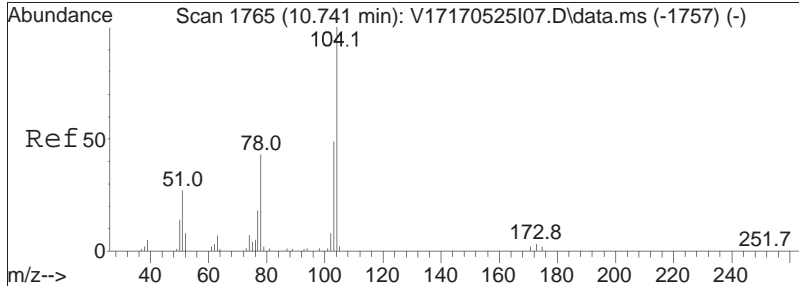




#77
 o Xylene
 Concen: 36.93 ug/L
 RT: 10.678 min Scan# 1753
 Delta R.T. 0.000 min
 Lab File: V17170716A24.D
 Acq: 16 Jul 2017 05:58 pm

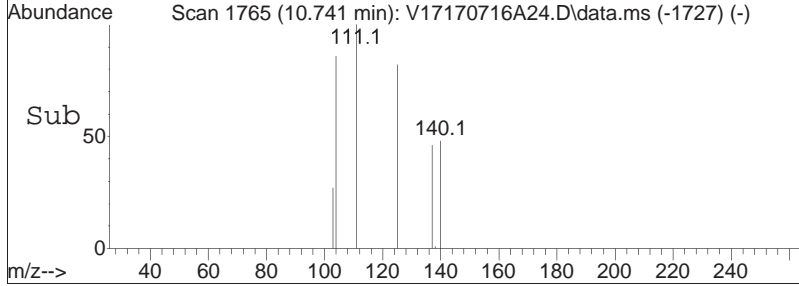
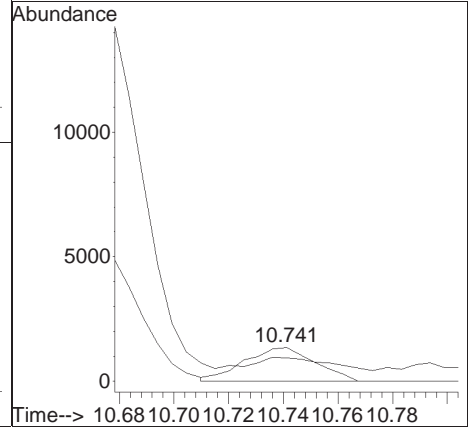
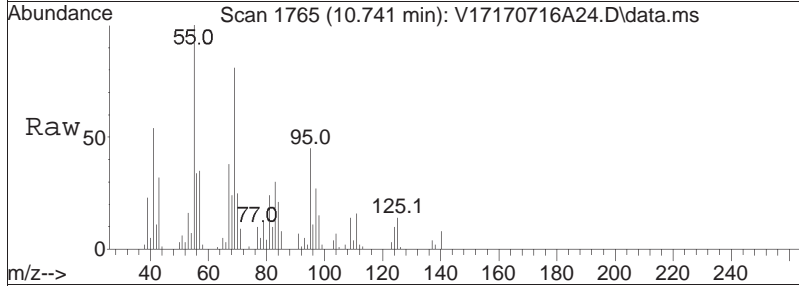
Tgt Ion	Resp	Lower	Upper
106	100		
91	221.5	170.4	255.6

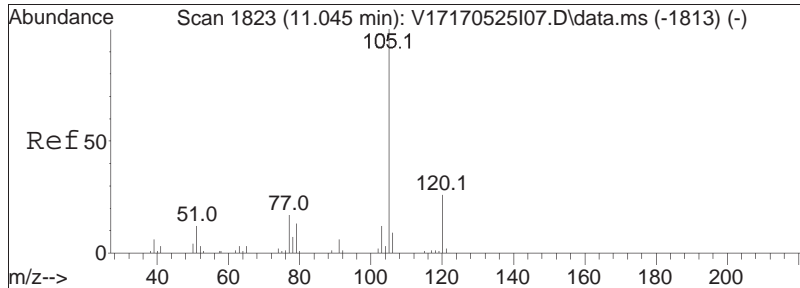




#78
 Styrene
 Concen: 0.30 ug/L
 RT: 10.741 min Scan# 1765
 Delta R.T. 0.000 min
 Lab File: V17170716A24.D
 Acq: 16 Jul 2017 05:58 pm

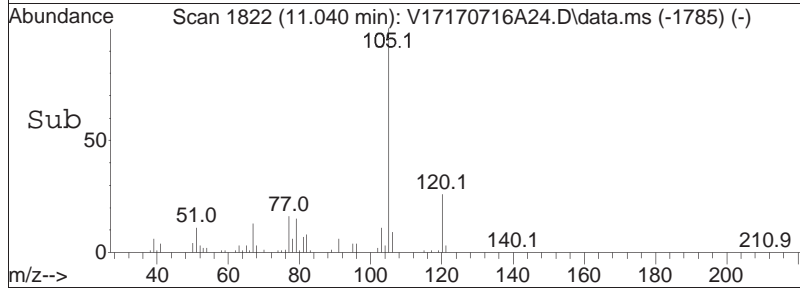
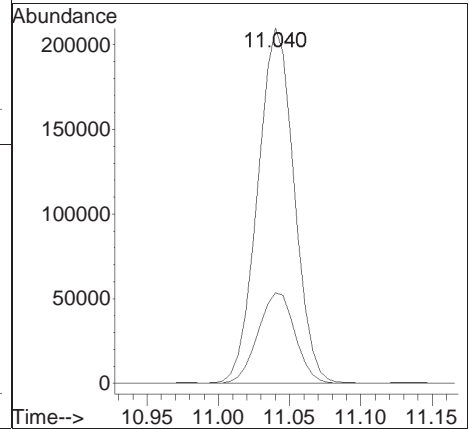
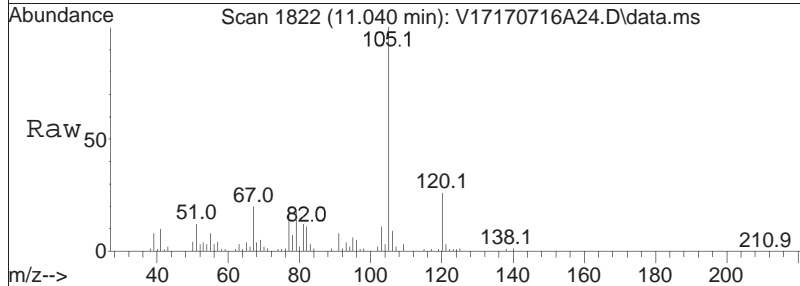
Tgt Ion	Ratio	Lower	Upper
104	100		
78	36.7	34.1	51.1

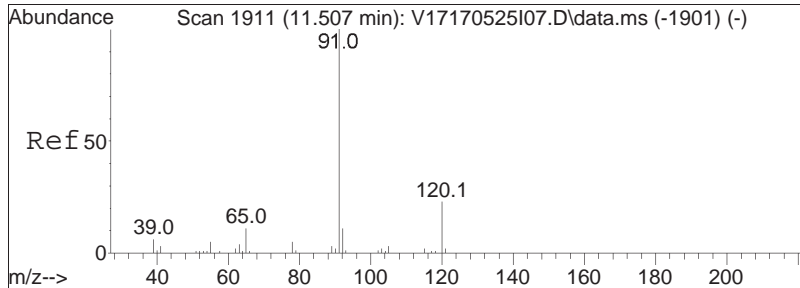




#82
 Isopropylbenzene
 Concen: 27.60 ug/L
 RT: 11.040 min Scan# 1822
 Delta R.T. -0.005 min
 Lab File: V17170716A24.D
 Acq: 16 Jul 2017 05:58 pm

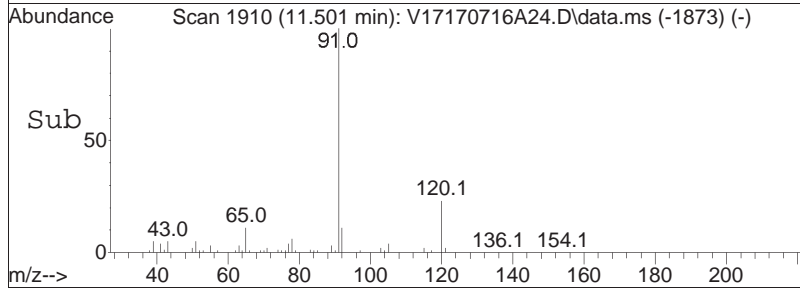
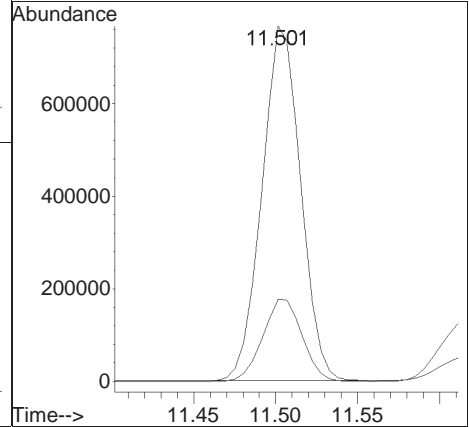
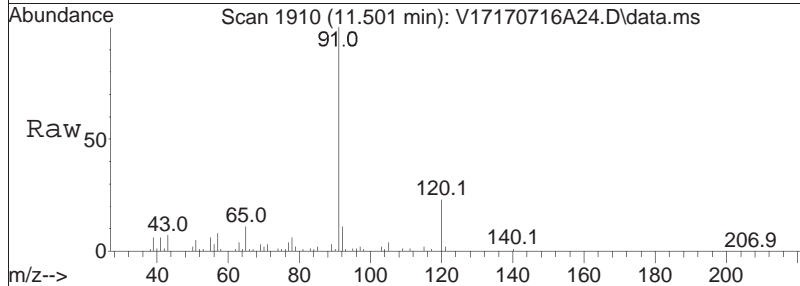
Tgt Ion	Resp	Lower	Upper
105	100		
120	26.0	6.6	46.6

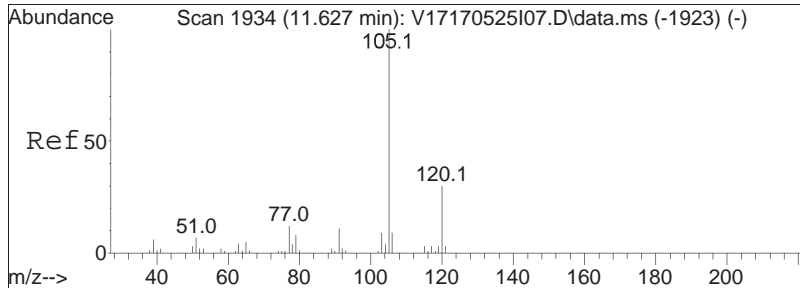




#85
 n-Propylbenzene
 Concen: 74.94 ug/L
 RT: 11.501 min Scan# 1910
 Delta R.T. -0.006 min
 Lab File: V17170716A24.D
 Acq: 16 Jul 2017 05:58 pm

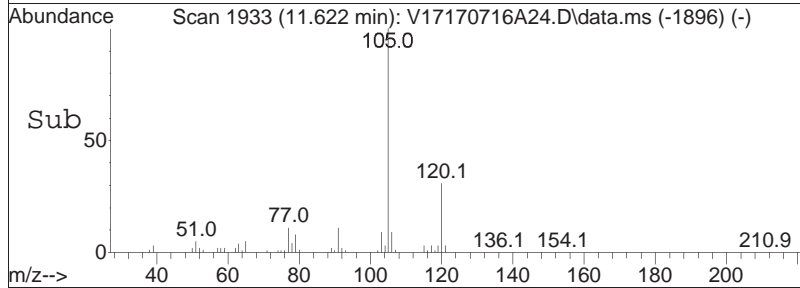
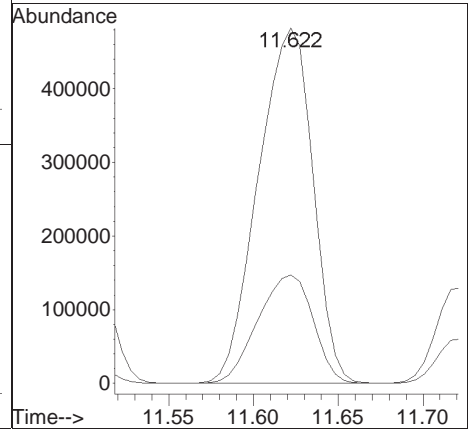
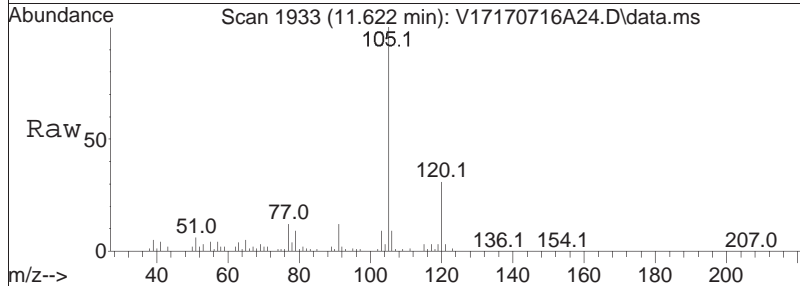
Tgt Ion: 91 Resp: 1256695
 Ion Ratio Lower Upper
 91 100
 120 23.6 19.5 29.3

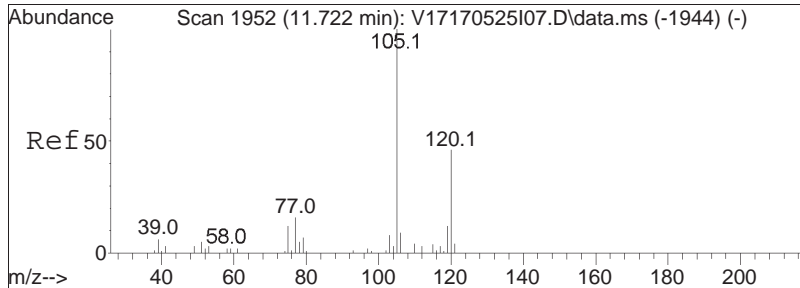




#88
 4-Ethyltoluene
 Concen: 80.18 ug/L M1
 RT: 11.622 min Scan# 1933
 Delta R.T. -0.005 min
 Lab File: V17170716A24.D
 Acq: 16 Jul 2017 05:58 pm

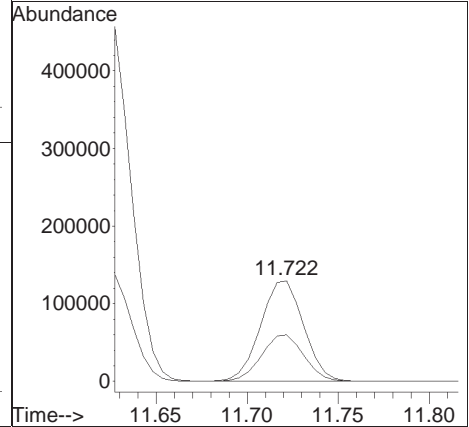
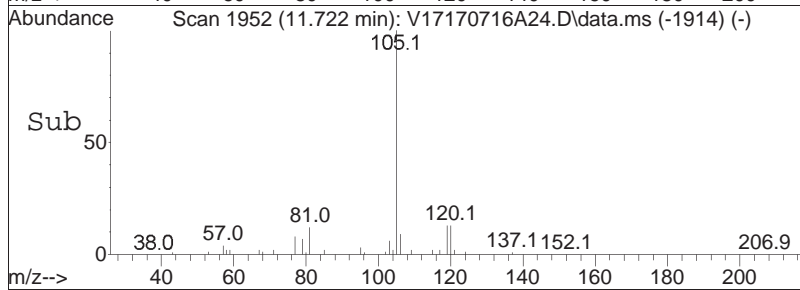
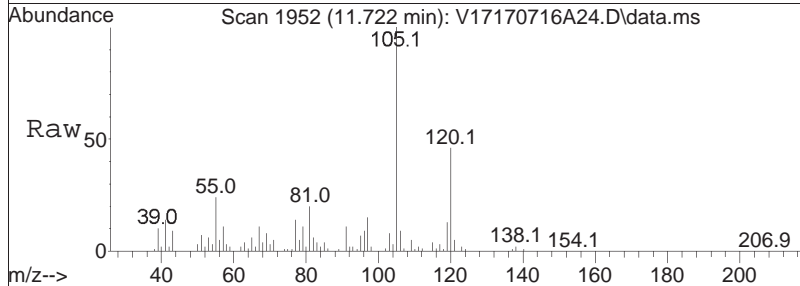
Tgt Ion	Resp	Lower	Upper
105	100		
120	0.0	20.2	42.0#

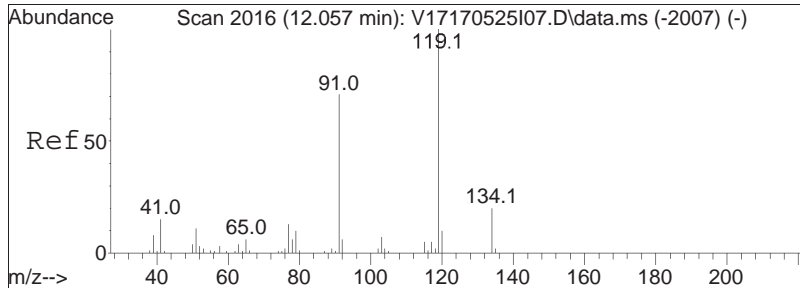




#90
 1,3,5-Trimethylbenzene
 Concen: 17.56 ug/L
 RT: 11.722 min Scan# 1952
 Delta R.T. -0.000 min
 Lab File: V17170716A24.D
 Acq: 16 Jul 2017 05:58 pm

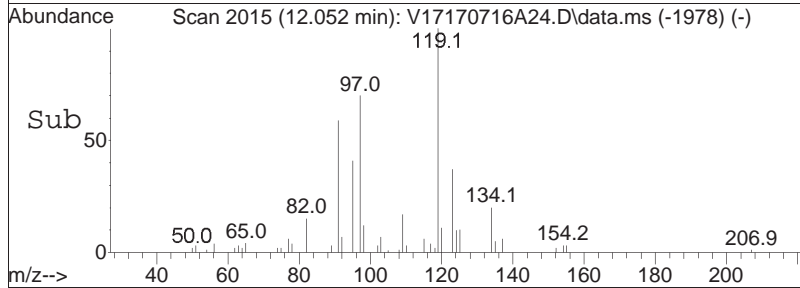
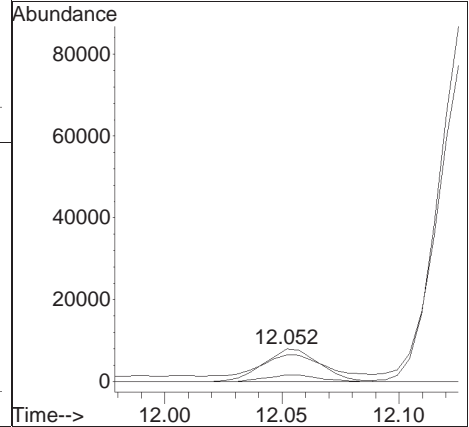
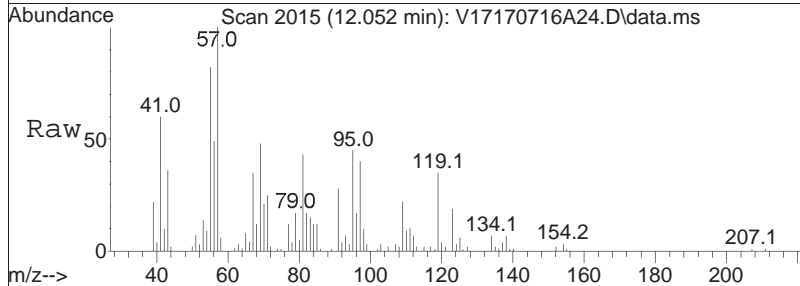
Tgt Ion	Resp	Lower	Upper
105	100		
120	46.1	37.9	56.9

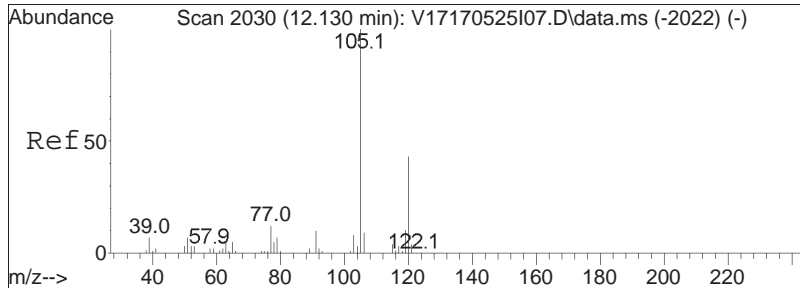




#94
 tert-Butylbenzene
 Concen: 1.32 ug/L
 RT: 12.052 min Scan# 2015
 Delta R.T. -0.005 min
 Lab File: V17170716A24.D
 Acq: 16 Jul 2017 05:58 pm

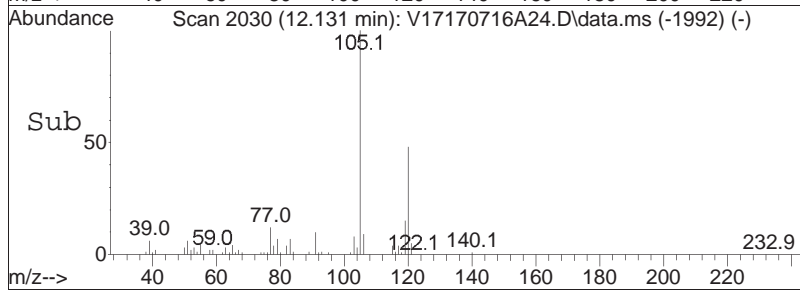
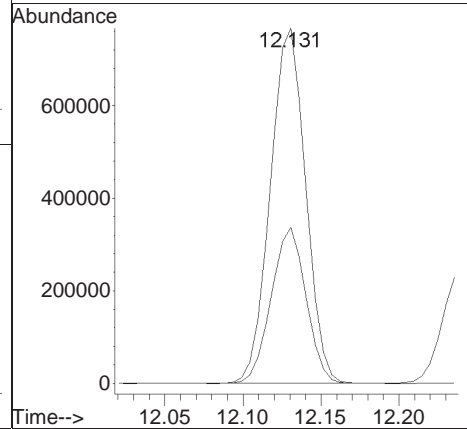
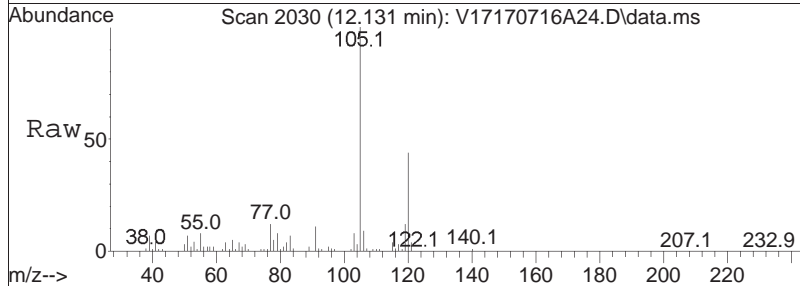
Tgt Ion	Resp	Lower	Upper
119	100		
91	70.7	52.2	78.2
134	18.7	15.9	23.9

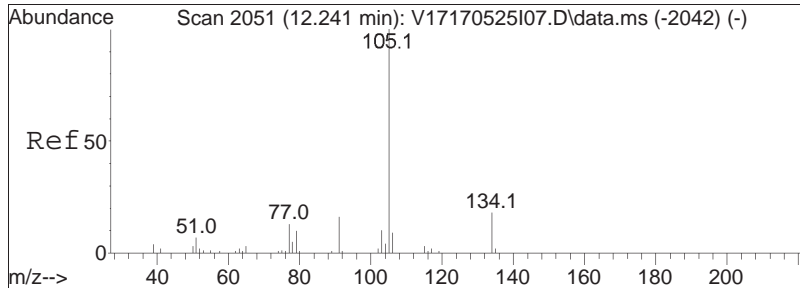




#97
 1,2,4-Trimethylbenzene
 Concen: 101.24 ug/L
 RT: 12.131 min Scan# 2030
 Delta R.T. -0.000 min
 Lab File: V17170716A24.D
 Acq: 16 Jul 2017 05:58 pm

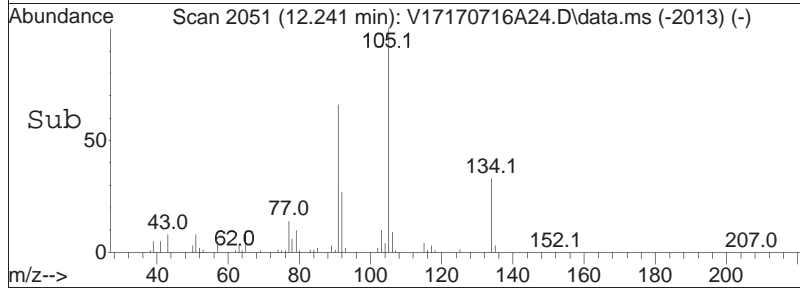
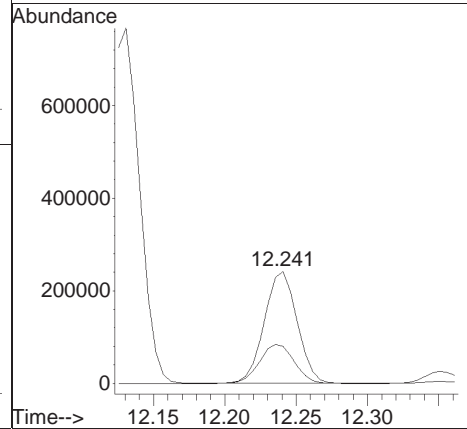
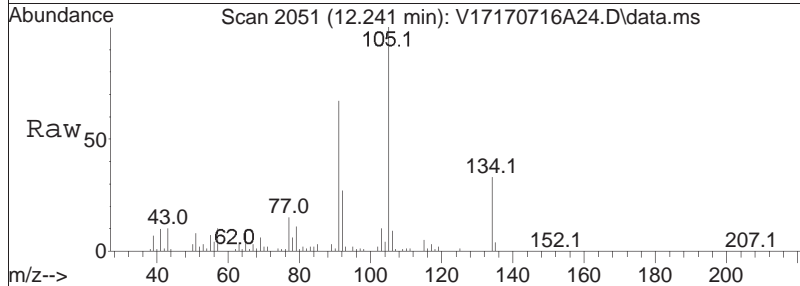
Tgt Ion	Resp	Lower	Upper
105	100		
120	43.2	35.7	53.5

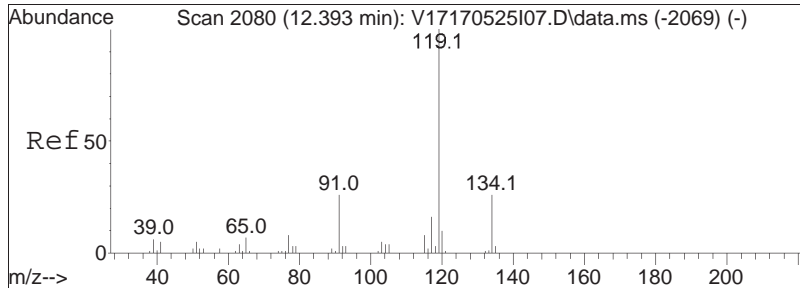




#98
 sec-Butylbenzene
 Concen: 25.51 ug/L
 RT: 12.241 min Scan# 2051
 Delta R.T. -0.000 min
 Lab File: V17170716A24.D
 Acq: 16 Jul 2017 05:58 pm

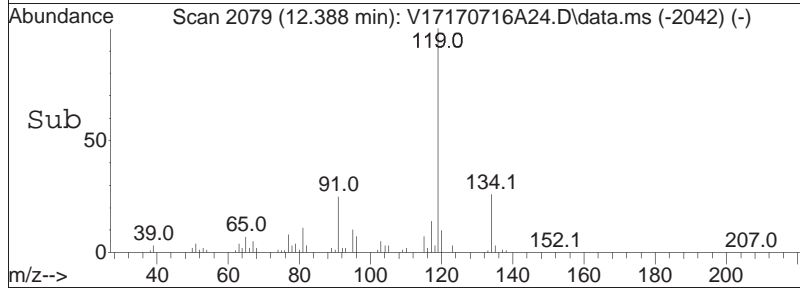
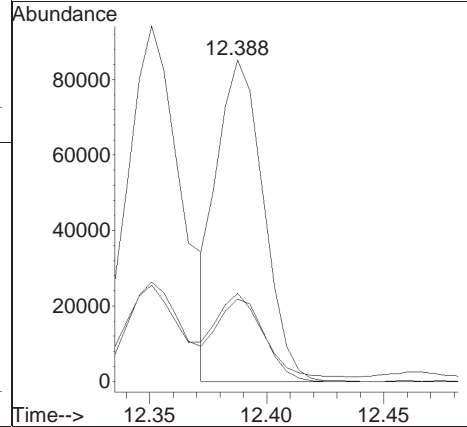
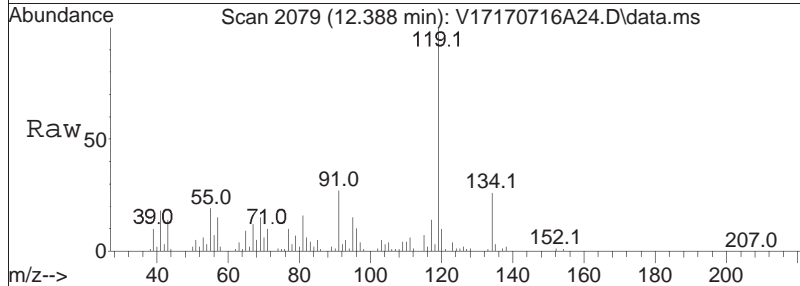
Tgt Ion	Resp	Lower	Upper
105	100		
134	37.0	12.5	25.9#

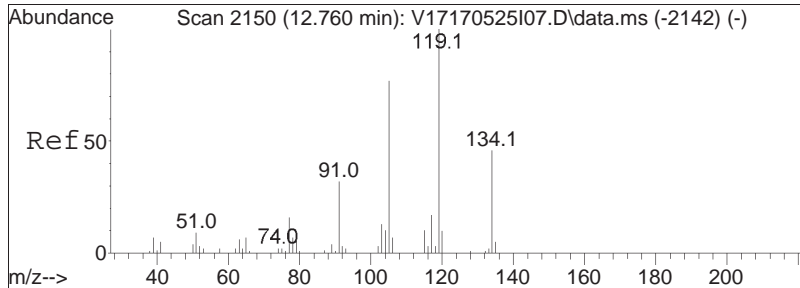




#99
 p-Isopropyltoluene
 Concen: 9.23 ug/L
 RT: 12.388 min Scan# 2079
 Delta R.T. -0.005 min
 Lab File: V17170716A24.D
 Acq: 16 Jul 2017 05:58 pm

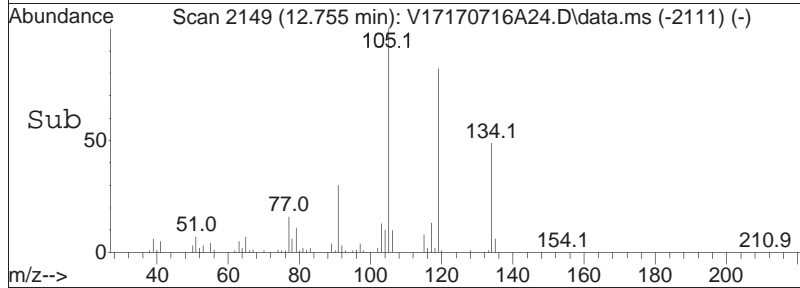
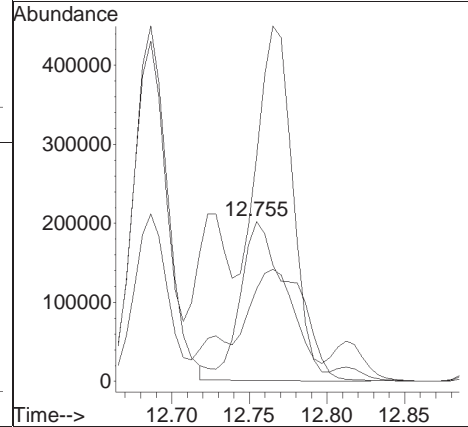
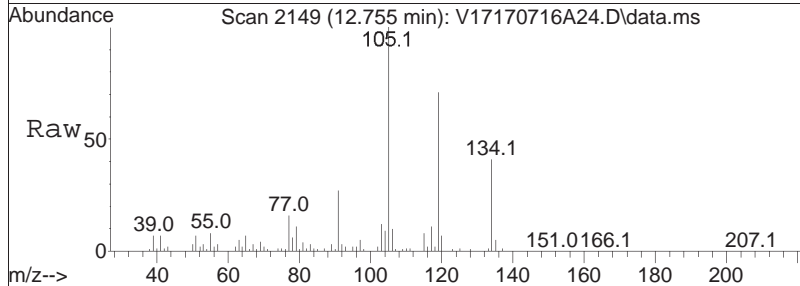
Tgt Ion	Resp	Lower	Upper
119	100		
134	26.2	17.0	35.2
91	27.8	15.6	32.4

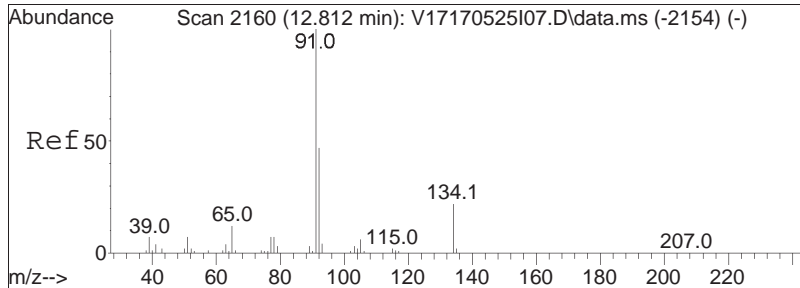




#102
 p-Diethylbenzene
 Concen: 59.85 ug/L M1
 RT: 12.755 min Scan# 2149
 Delta R.T. -0.000 min
 Lab File: V17170716A24.D
 Acq: 16 Jul 2017 05:58 pm

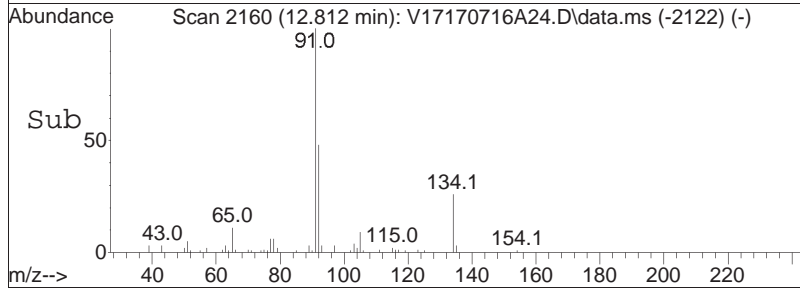
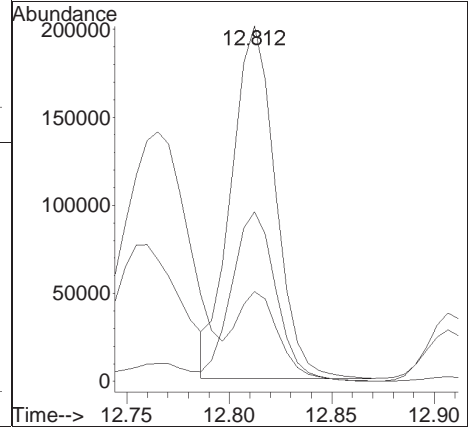
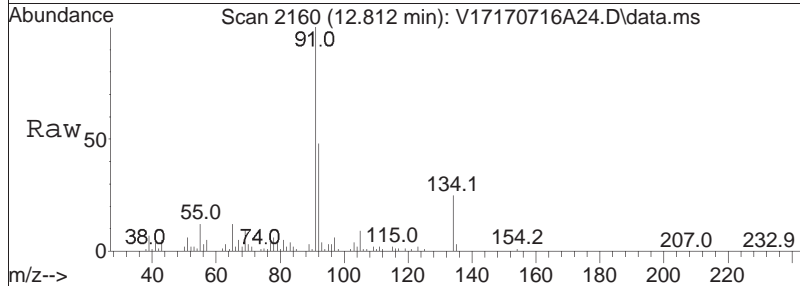
Tgt Ion	Resp	Lower	Upper
119	470183		
105	136.5	49.9	103.5#
134	68.1	30.6	63.4#

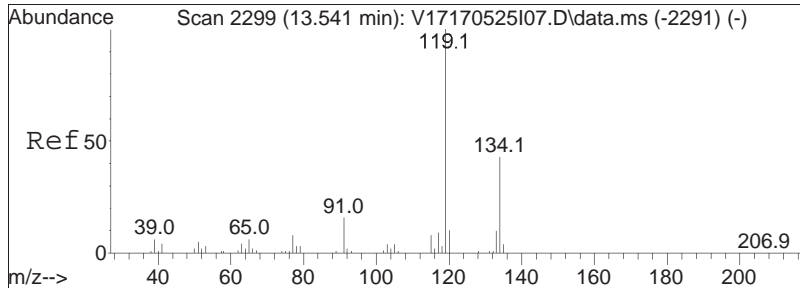




#103
 n-Butylbenzene
 Concen: 22.85 ug/L
 RT: 12.812 min Scan# 2160
 Delta R.T. 0.000 min
 Lab File: V17170716A24.D
 Acq: 16 Jul 2017 05:58 pm

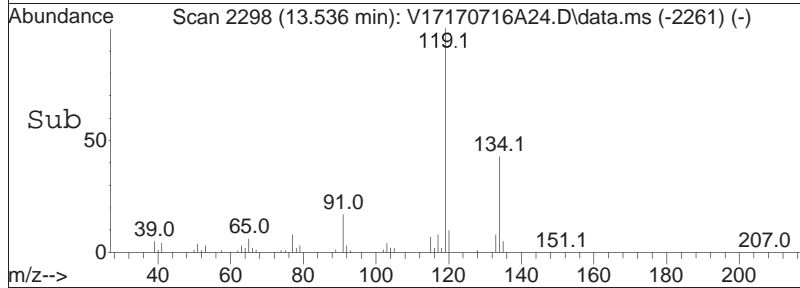
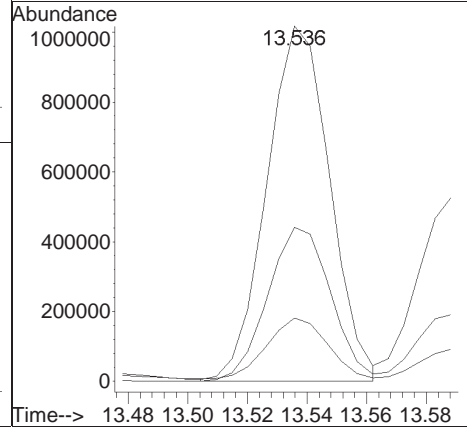
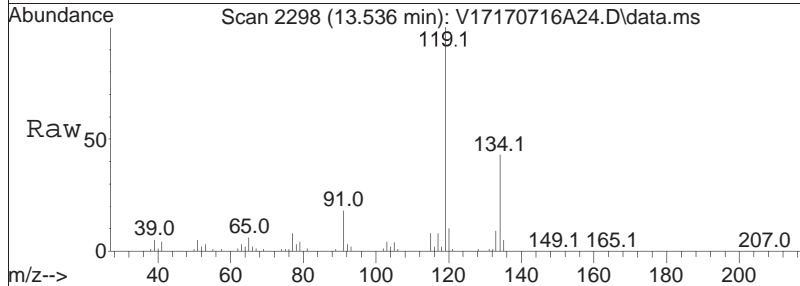
Tgt Ion	Resp	Lower	Upper
91	302046		
92	48.0	39.0	58.4
134	24.6	21.3	31.9

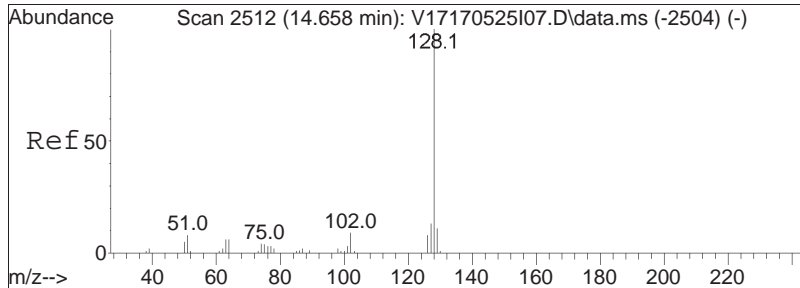




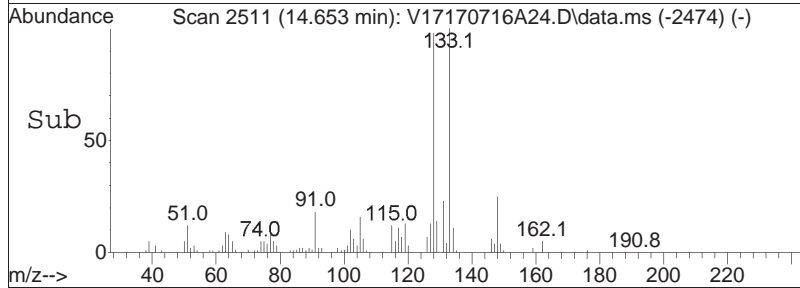
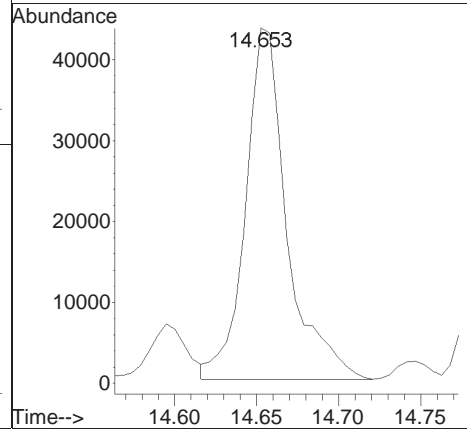
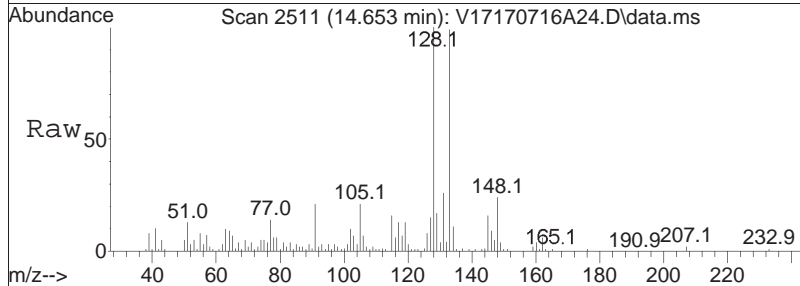
#105
 1,2,4,5-Tetramethylbenzene
 Concen: 126.03 ug/L
 RT: 13.536 min Scan# 2298
 Delta R.T. -0.005 min
 Lab File: V17170716A24.D
 Acq: 16 Jul 2017 05:58 pm

Tgt Ion	Ratio	Lower	Upper
119	100		
134	43.5	29.3	60.8
91	17.7	10.0	20.8





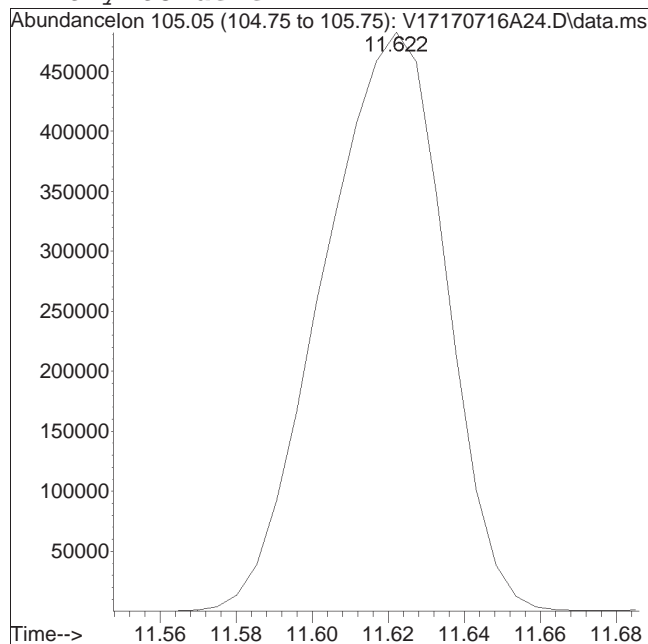
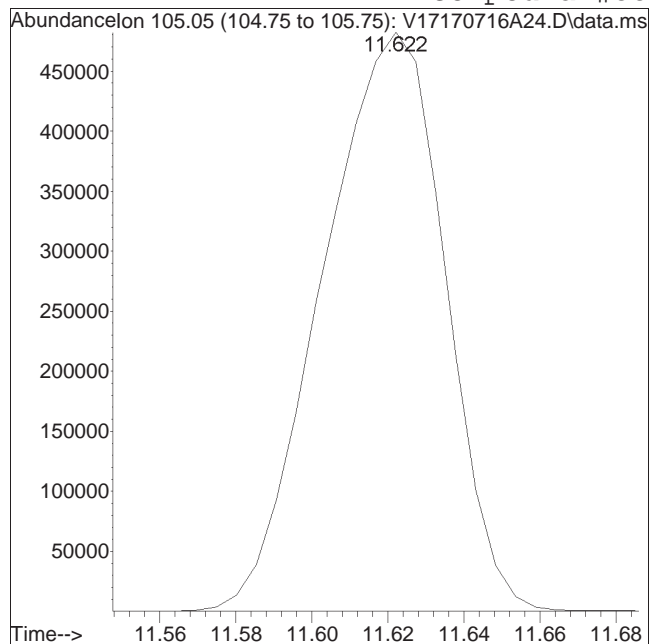
#110
 Naphthalene
 Concen: 9.43 ug/L
 RT: 14.653 min Scan# 2511
 Delta R.T. -0.005 min
 Lab File: V17170716A24.D
 Acq: 16 Jul 2017 05:58 pm
 Tgt Ion:128 Resp: 76229



Manual Integration Report

Data Path : I:\VOLATILES\VOA117\2017\1QMethod : V117_170525_8260.m
Data File : V17170716A24.D Operator : VOA117:MV
Date Inj'd : 7/16/2017 5:58 pm Instrument : VOA 117
Sample : 11723686-14,31,11.7,5,,b Quant Date : 7/17/2017 6:20 am

Compound #88: 4-Ethyltoluene



Original Peak Response = 1078569

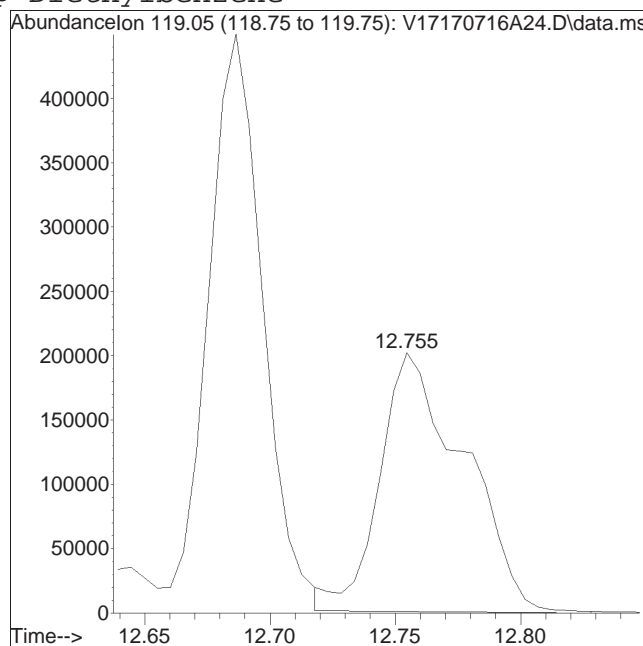
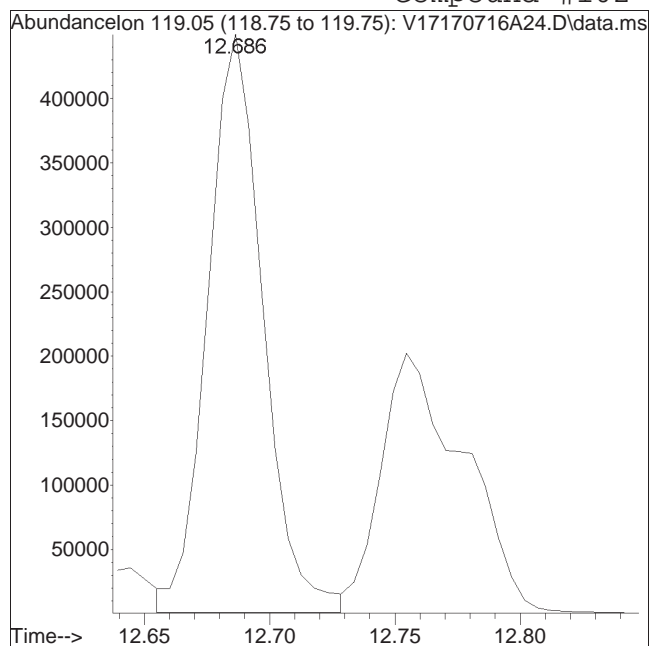
Manual Peak Response = 1078990 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : I:\VOLATILES\VOA117\2017\1QMethod : V117_170525_8260.m
Data File : V17170716A24.D Operator : VOA117:MV
Date Inj'd : 7/16/2017 5:58 pm Instrument : VOA 117
Sample : 11723686-14,31,11.7,5,,b Quant Date : 7/17/2017 6:20 am

Compound #102: p-Diethylbenzene



Original Peak Response = 686222

Manual Peak Response = 470183 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA117\2017\170716A\
 Data File : V17170716A25.D
 Acq On : 16 Jul 2017 06:24 pm
 Operator : VOA117:MV
 Sample : 11723686-15,31,5.5,5,,b
 Misc : WG1023115,ICAL13689
 ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jul 17 07:24:31 2017
 Quant Method : I:\VOLATILES\VOA117\2017\170716A\V117_170525_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 25 12:01:44 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA117\2017\170716A\V17170716A01.D
 Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Fluorobenzene	6.353	96	162971	20.000	ug/L	0.00
Standard Area 1 = 144303			Recovery = 112.94%			
59) Chlorobenzene-d5	9.913	117	126989	20.000	ug/L	0.00
Standard Area 1 = 109443			Recovery = 116.03%			
79) 1,4-Dichlorobenzene-d4	12.534	152	66289	20.000	ug/L	0.00
Standard Area 1 = 60580			Recovery = 109.42%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.524	113	42233	19.419	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 97.09%			
43) 1,2-Dichloroethane-d4	6.064	65	39287	17.646	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 88.23%			
60) Toluene-d8	8.057	98	167746	20.407	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 102.04%			
83) 4-Bromofluorobenzene	11.355	95	62182	21.480	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 107.40%			
Target Compounds						
2) Dichlorodifluoromethane	0.000		0		N.D.	
3) Chloromethane	2.017	50	1133	0.261	ug/L #	63
4) Vinyl chloride	0.000		0		N.D.	
5) Bromomethane	0.000		0		N.D.	
6) Chloroethane	0.000		0		N.D.	
7) Trichlorofluoromethane	0.000		0		N.D.	
8) Ethyl ether	0.000		0		N.D.	
10) 1,1-Dichloroethene	0.000		0		N.D.	
11) Carbon disulfide	3.233	76	7171	0.744	ug/L	97
15) Methylene chloride	3.784	84	1132	0.397	ug/L	86
17) Acetone	3.846	43	3482	6.044	ug/L	94
18) trans-1,2-Dichloroethene	0.000		0		N.D.	
20) Methyl tert-butyl ether	0.000		0		N.D.	
23) 1,1-Dichloroethane	0.000		0		N.D.	
25) Acrylonitrile	0.000		0		N.D.	
27) Vinyl acetate	0.000		0		N.D.	
28) cis-1,2-Dichloroethene	0.000		0		N.D.	
29) 2,2-Dichloropropane	0.000		0		N.D.	
30) Bromochloromethane	0.000		0		N.D.	
32) Chloroform	0.000		0		N.D.	

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA117\2017\170716A\
 Data File : V17170716A25.D
 Acq On : 16 Jul 2017 06:24 pm
 Operator : VOA117:MV
 Sample : 11723686-15,31,5.5,5,,b
 Misc : WG1023115,ICAL13689
 ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jul 17 07:24:31 2017
 Quant Method : I:\VOLATILES\VOA117\2017\170716A\V117_170525_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 25 12:01:44 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA117\2017\170716A\V17170716A01.D
 Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Carbon tetrachloride	0.000		0		N.D.	
37) 1,1,1-Trichloroethane	0.000		0		N.D.	
39) 2-Butanone	0.000		0		N.D. d	
40) 1,1-Dichloropropene	0.000		0		N.D.	
41) Benzene	5.928	78	2414	0.209	ug/L #	79
44) 1,2-Dichloroethane	0.000		0		N.D.	
48) Trichloroethene	0.000		0		N.D.	
50) Dibromomethane	0.000		0		N.D.	
51) 1,2-Dichloropropane	0.000		0		N.D.	
54) Bromodichloromethane	0.000		0		N.D.	
57) 1,4-Dioxane	0.000		0		N.D.	
58) cis-1,3-Dichloropropene	0.000		0		N.D.	
61) Toluene	8.114	92	6804	0.999	ug/L	99
62) 4-Methyl-2-pentanone	0.000		0		N.D.	
63) Tetrachloroethene	8.565	166	636	0.200	ug/L #	71
65) trans-1,3-Dichloropropene	0.000		0		N.D.	
68) 1,1,2-Trichloroethane	0.000		0		N.D.	
69) Chlorodibromomethane	0.000		0		N.D.	
70) 1,3-Dichloropropane	0.000		0		N.D.	
71) 1,2-Dibromoethane	0.000		0		N.D.	
72) 2-Hexanone	0.000		0		N.D.	
73) Chlorobenzene	0.000		0		N.D.	
74) Ethylbenzene	9.976	91	4495	0.332	ug/L	98
75) 1,1,1,2-Tetrachloroethane	0.000		0		N.D.	
76) p/m Xylene	10.154	106	7252	1.395	ug/L	97
77) o Xylene	10.678	106	4534	0.920	ug/L	93
78) Styrene	0.000		0		N.D. d	
80) Bromoform	0.000		0		N.D.	
82) Isopropylbenzene	11.045	105	458		N.D.	
84) Bromobenzene	0.000		0		N.D.	
85) n-Propylbenzene	11.507	91	1865	0.120	ug/L	92
87) 1,1,2,2-Tetrachloroethane	0.000		0		N.D.	
88) 4-Ethyltoluene	11.606	105	10413	0.836	ug/L	99
89) 2-Chlorotoluene	0.000		0		N.D. d	
90) 1,3,5-Trimethylbenzene	11.716	105	4979	0.446	ug/L	97
91) 1,2,3-Trichloropropane	0.000		0		N.D.	
92) trans-1,4-Dichloro-2-b...	0.000		0		N.D.	
93) 4-Chlorotoluene	11.937	91	581		N.D.	
94) tert-Butylbenzene	0.000		0		N.D. d	

Quantitation Report (QT Reviewed)

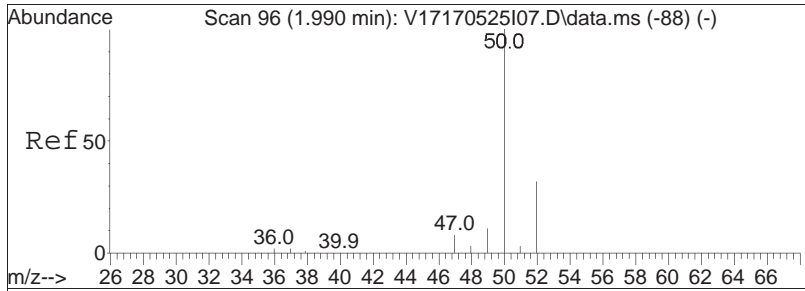
Data Path : I:\VOLATILES\VOA117\2017\170716A\
 Data File : V17170716A25.D
 Acq On : 16 Jul 2017 06:24 pm
 Operator : VOA117:MV
 Sample : 11723686-15,31,5.5,5,,b
 Misc : WG1023115,ICAL13689
 ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jul 17 07:24:31 2017
 Quant Method : I:\VOLATILES\VOA117\2017\170716A\V117_170525_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 25 12:01:44 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA117\2017\170716A\V17170716A01.D
 Sub List : 8260-NYTCL - Megamix plus Diox

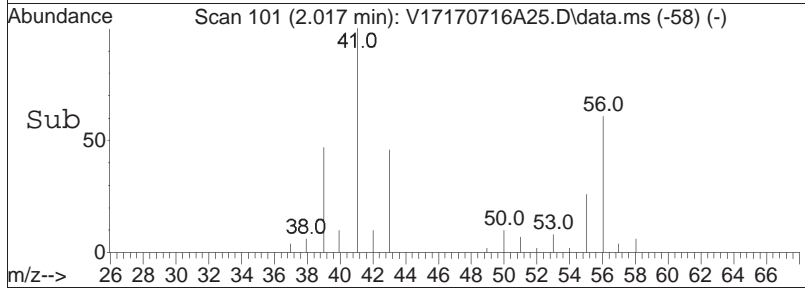
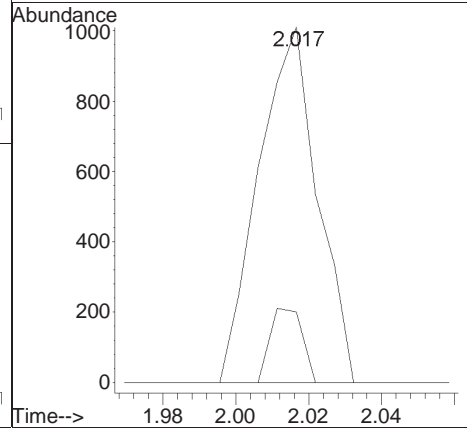
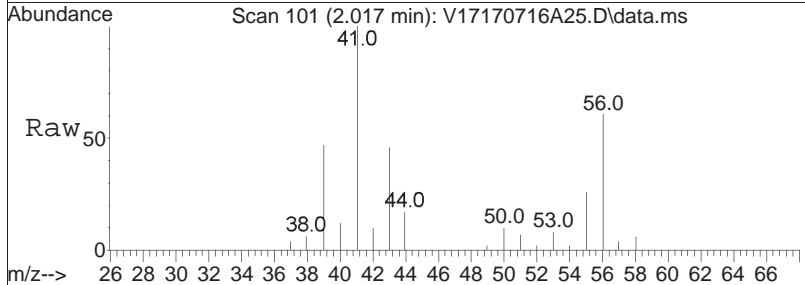
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97) 1,2,4-Trimethylbenzene	12.125	105	13913	1.264	ug/L	98
98) sec-Butylbenzene	0.000		0	N.D.	d	
99) p-Isopropyltoluene	12.387	119	48	N.D.		
100) 1,3-Dichlorobenzene	0.000		0	N.D.		
101) 1,4-Dichlorobenzene	0.000		0	N.D.		
102) p-Diethylbenzene	12.781	119	2056	0.283	ug/L #	66
103) n-Butylbenzene	12.812	91	242	N.D.		
104) 1,2-Dichlorobenzene	0.000		0	N.D.		
105) 1,2,4,5-Tetramethylben...	13.536	119	1522	0.139	ug/L	97
106) 1,2-Dibromo-3-chloropr...	0.000		0	N.D.		
108) Hexachlorobutadiene	0.000		0	N.D.		
109) 1,2,4-Trichlorobenzene	0.000		0	N.D.		
110) Naphthalene	14.652	128	1150	0.154	ug/L	100
111) 1,2,3-Trichlorobenzene	0.000		0	N.D.		

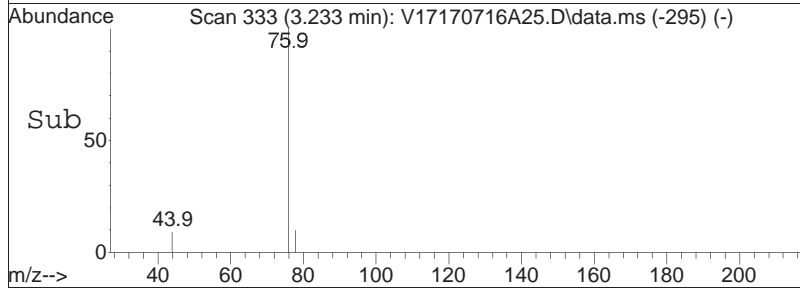
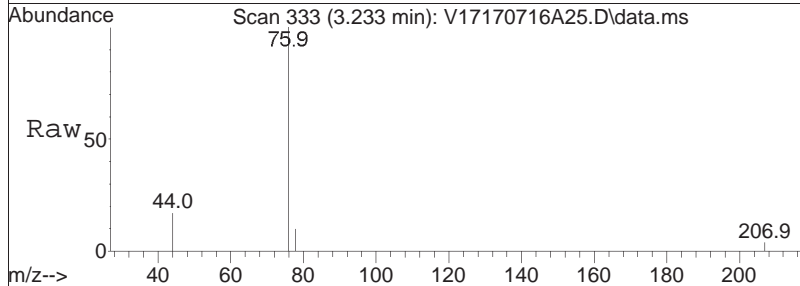
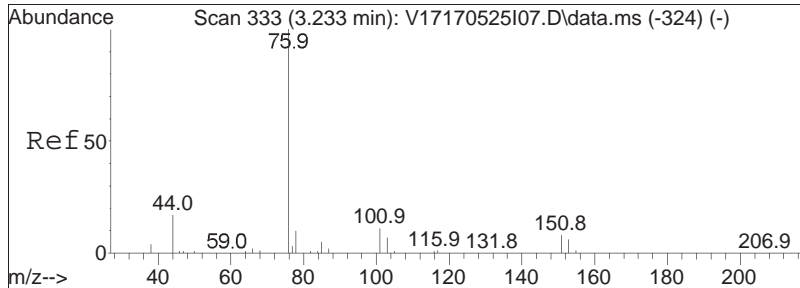
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#3
 Chloromethane
 Concen: 0.26 ug/L
 RT: 2.017 min Scan# 101
 Delta R.T. 0.026 min
 Lab File: V17170716A25.D
 Acq: 16 Jul 2017 06:24 pm

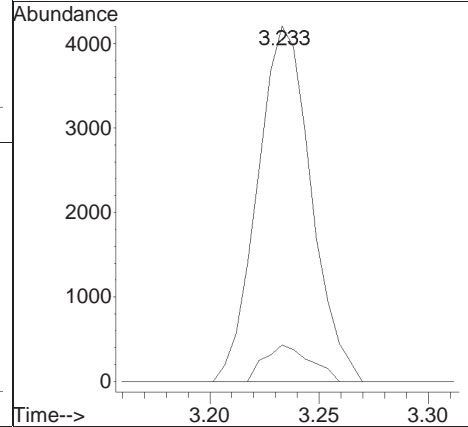
Tgt Ion	Ratio	Lower	Upper
50	100		
52	11.5	11.9	51.9#

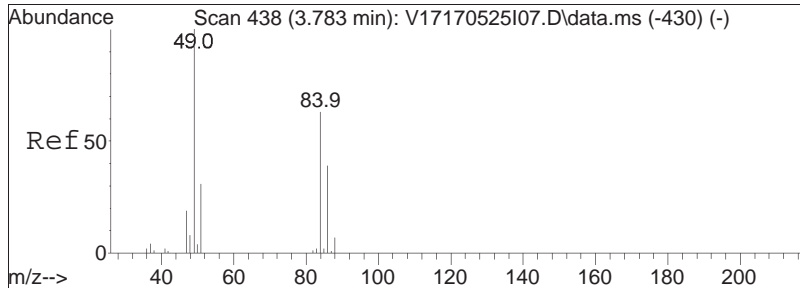




#11
 Carbon disulfide
 Concen: 0.74 ug/L
 RT: 3.233 min Scan# 333
 Delta R.T. -0.000 min
 Lab File: V17170716A25.D
 Acq: 16 Jul 2017 06:24 pm

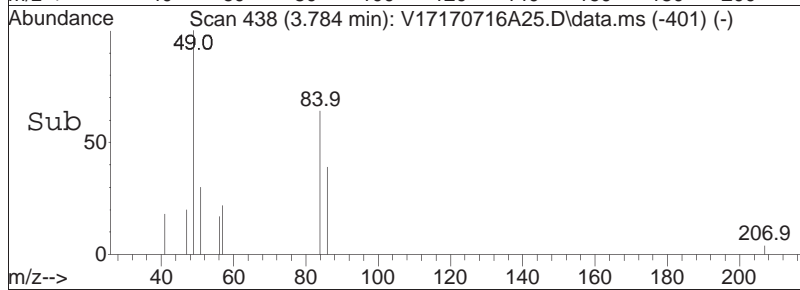
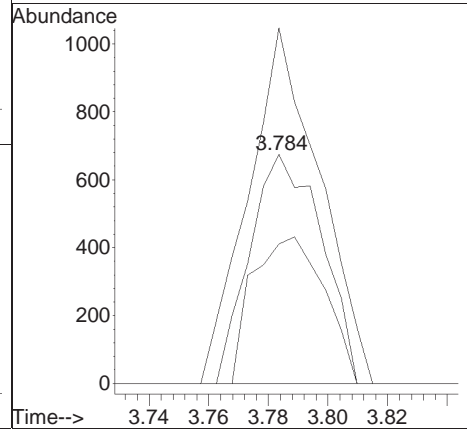
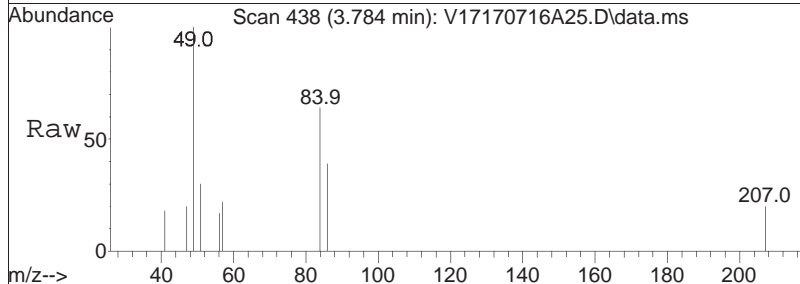
Tgt Ion	Ratio	Lower	Upper
76	100		
78	8.8	6.4	13.4

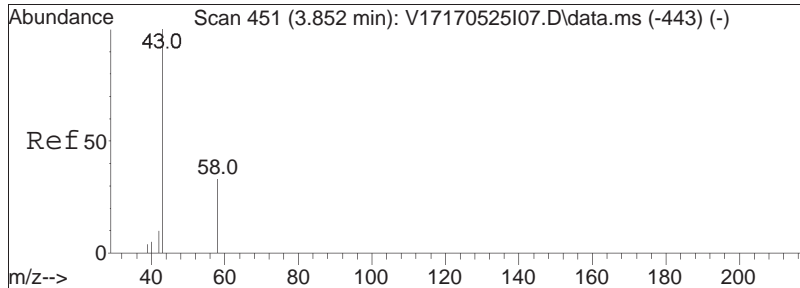




#15
 Methylene chloride
 Concen: 0.40 ug/L
 RT: 3.784 min Scan# 438
 Delta R.T. -0.006 min
 Lab File: V17170716A25.D
 Acq: 16 Jul 2017 06:24 pm

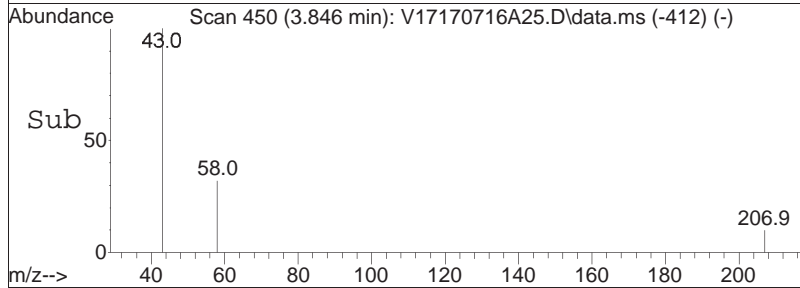
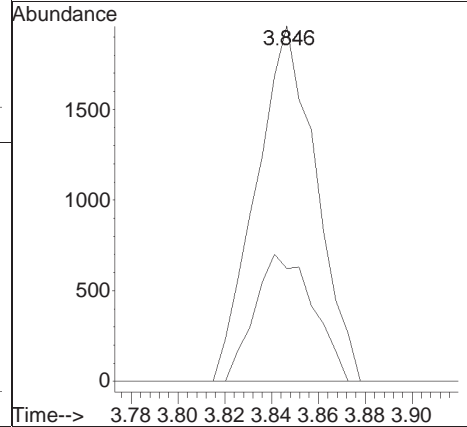
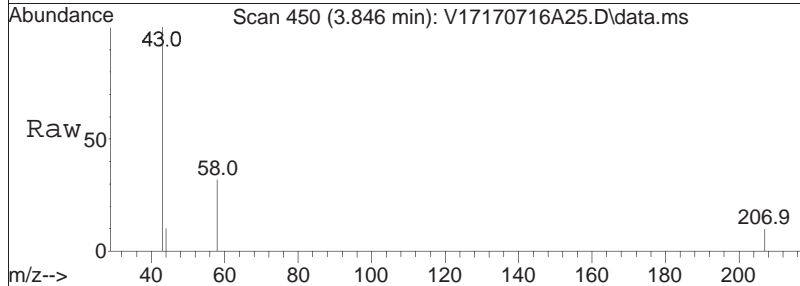
Tgt Ion	Resp	Lower	Upper
84	1132		
84	100		
86	63.9	42.4	88.2
49	153.7	117.3	243.5

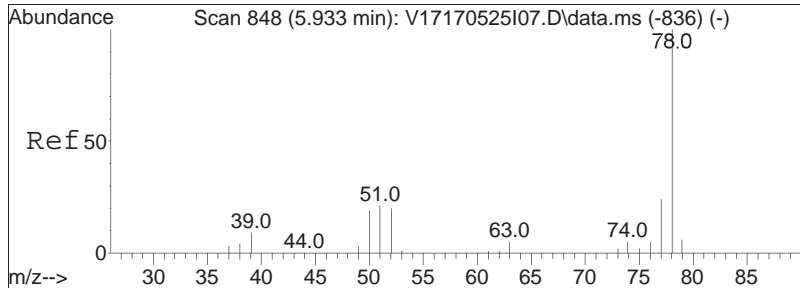




#17
 Acetone
 Concen: 6.04 ug/L
 RT: 3.846 min Scan# 450
 Delta R.T. -0.001 min
 Lab File: V17170716A25.D
 Acq: 16 Jul 2017 06:24 pm

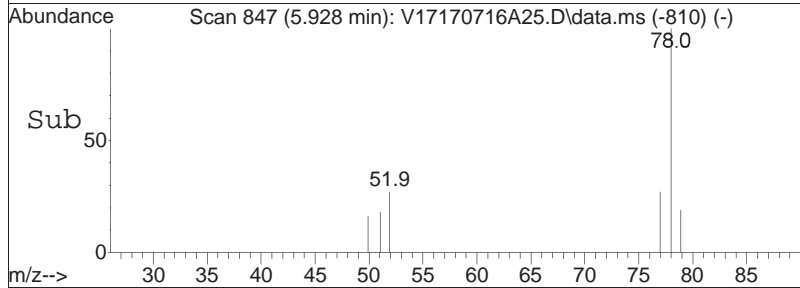
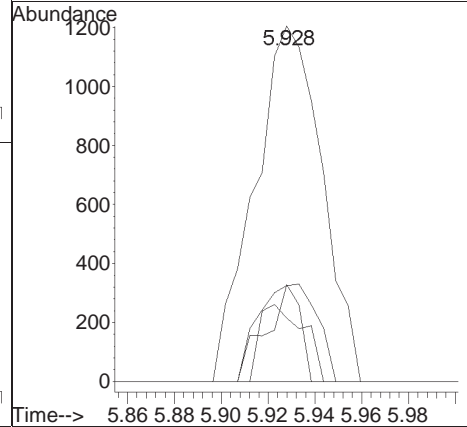
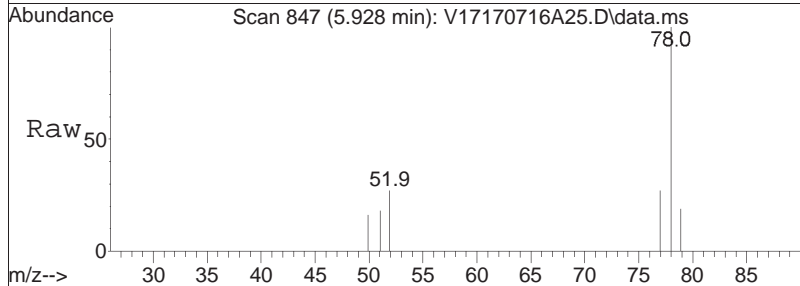
Tgt Ion:	43	58	Resp:	3482
Ion Ratio	100	34.9	Lower	Upper
			25.1	37.7

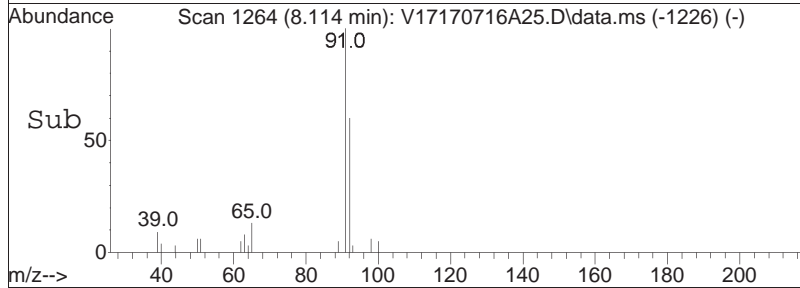
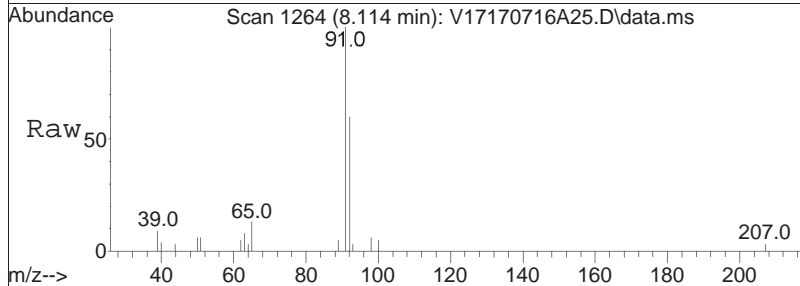
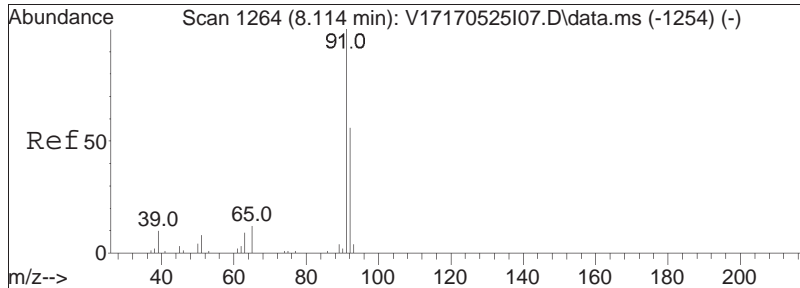




#41
 Benzene
 Concen: 0.21 ug/L
 RT: 5.928 min Scan# 847
 Delta R.T. -0.005 min
 Lab File: V17170716A25.D
 Acq: 16 Jul 2017 06:24 pm

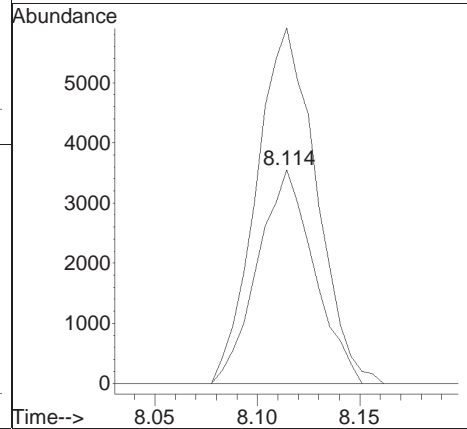
Tgt Ion	Resp	Lower	Upper
78	100		
77	23.7	15.0	31.1
51	0.0	14.0	29.2#
52	14.0	14.3	29.7#

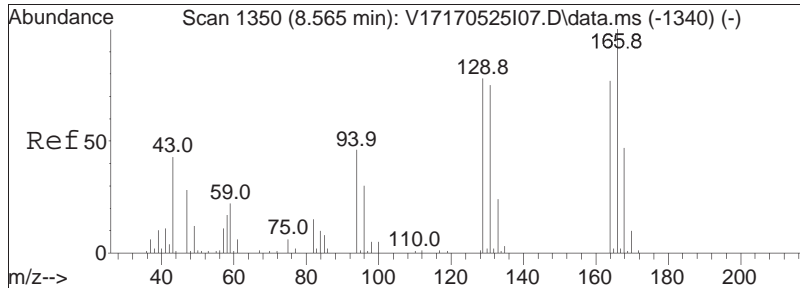




#61
 Toluene
 Concen: 1.00 ug/L
 RT: 8.114 min Scan# 1264
 Delta R.T. 0.000 min
 Lab File: V17170716A25.D
 Acq: 16 Jul 2017 06:24 pm

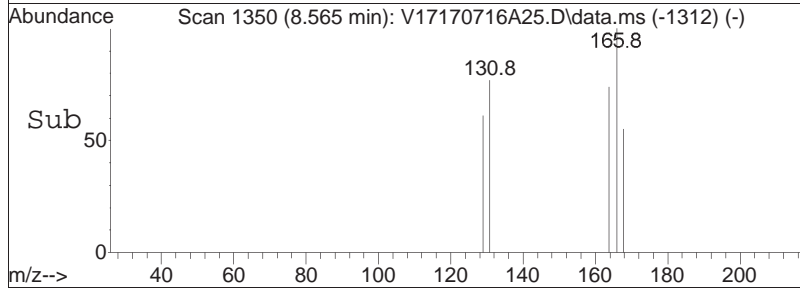
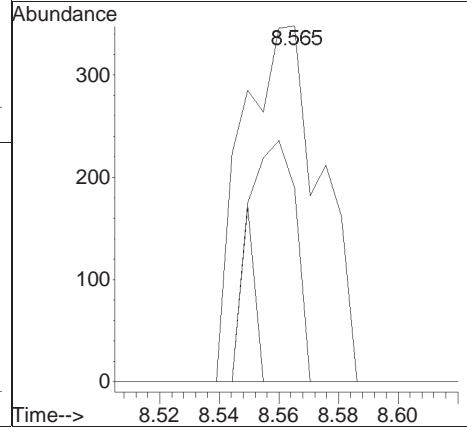
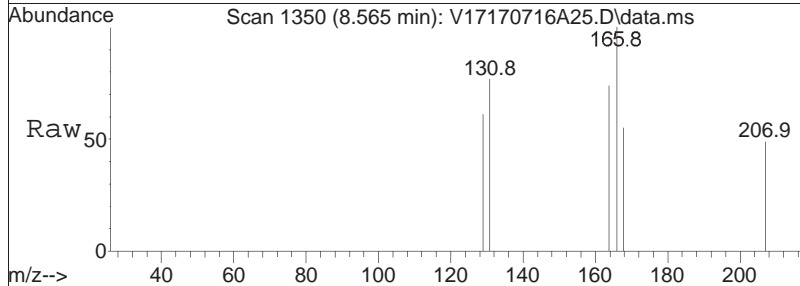
Tgt Ion	Resp	Lower	Upper
92	6804		
91	177.2	142.4	213.6

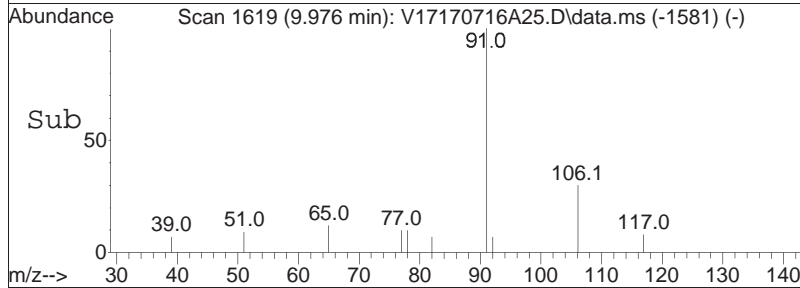
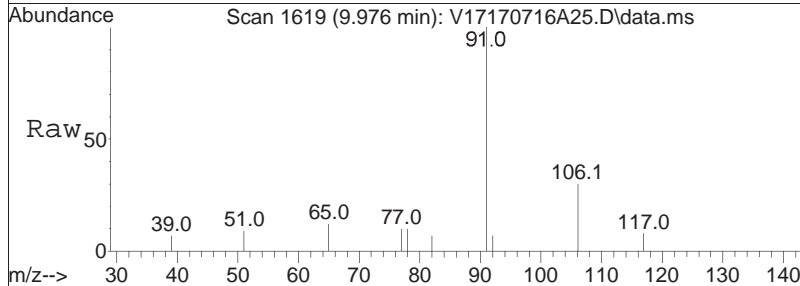
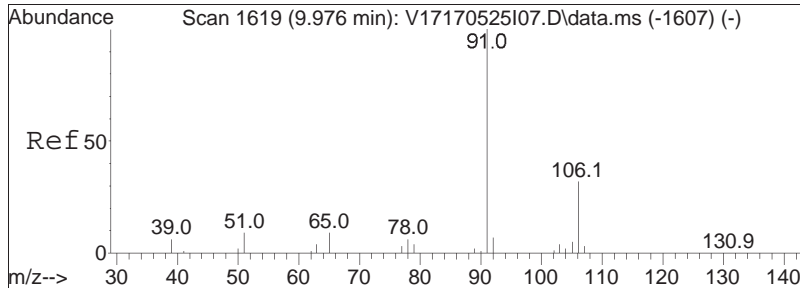




#63
 Tetrachloroethene
 Concen: 0.20 ug/L
 RT: 8.565 min Scan# 1350
 Delta R.T. 0.000 min
 Lab File: V17170716A25.D
 Acq: 16 Jul 2017 06:24 pm

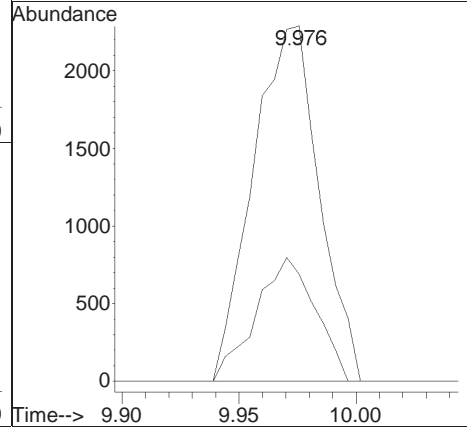
Tgt Ion	Ratio	Lower	Upper
166	100		
168	40.6	27.9	67.9
94	8.5	20.4	60.4#

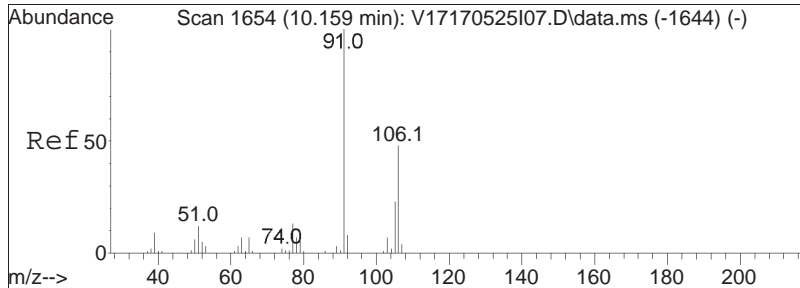




#74
 Ethylbenzene
 Concen: 0.33 ug/L
 RT: 9.976 min Scan# 1619
 Delta R.T. -0.000 min
 Lab File: V17170716A25.D
 Acq: 16 Jul 2017 06:24 pm

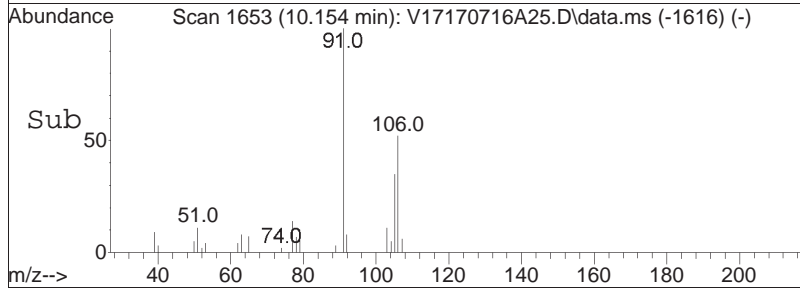
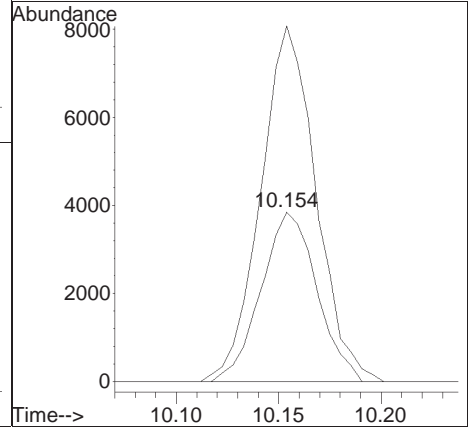
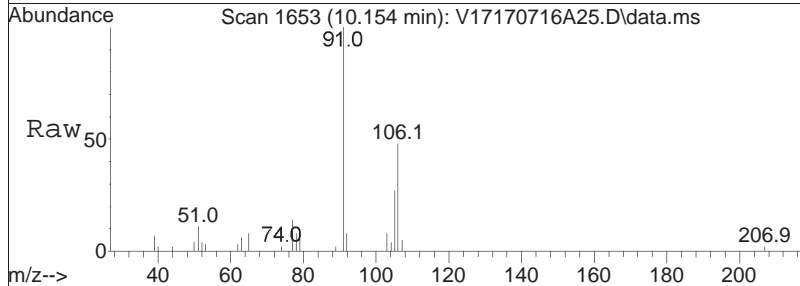
Tgt Ion:	91	Resp:	4495
Ion Ratio	100	Lower	Upper
91	100		
106	31.3	25.8	38.6

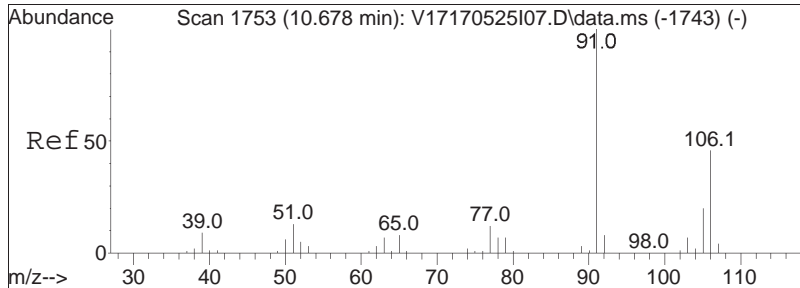




#76
 p/m Xylene
 Concen: 1.40 ug/L
 RT: 10.154 min Scan# 1653
 Delta R.T. -0.005 min
 Lab File: V17170716A25.D
 Acq: 16 Jul 2017 06:24 pm

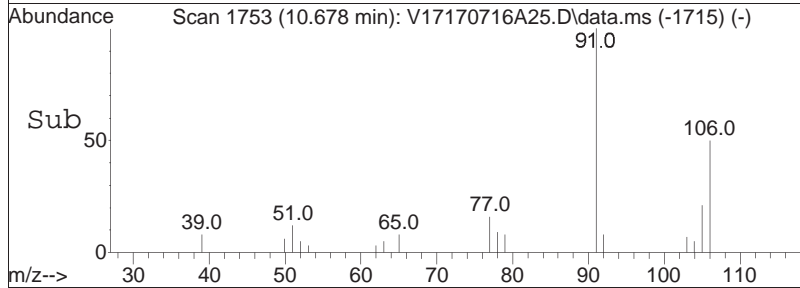
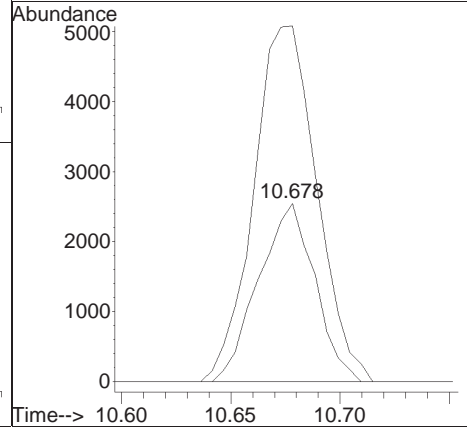
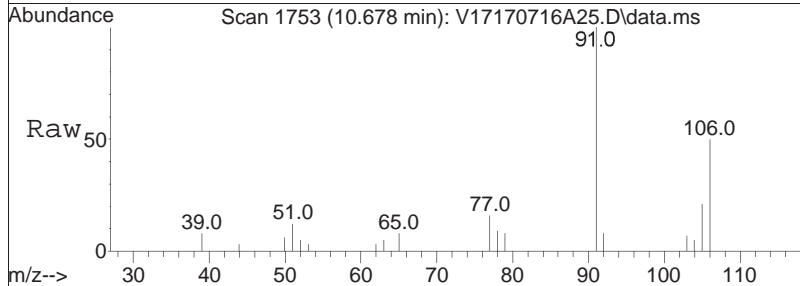
Tgt Ion	Ratio	Lower	Upper
106	100		
91	208.6	162.9	244.3

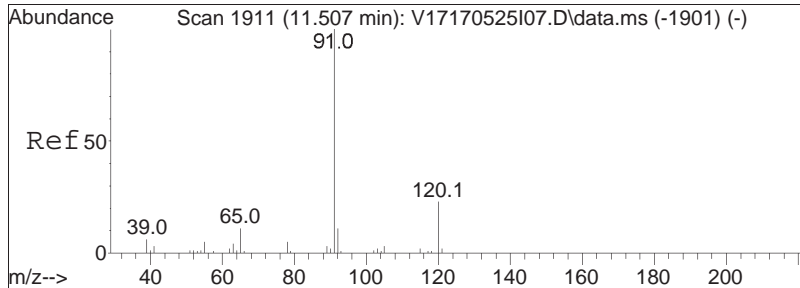




#77
 o Xylene
 Concen: 0.92 ug/L
 RT: 10.678 min Scan# 1753
 Delta R.T. 0.000 min
 Lab File: V17170716A25.D
 Acq: 16 Jul 2017 06:24 pm

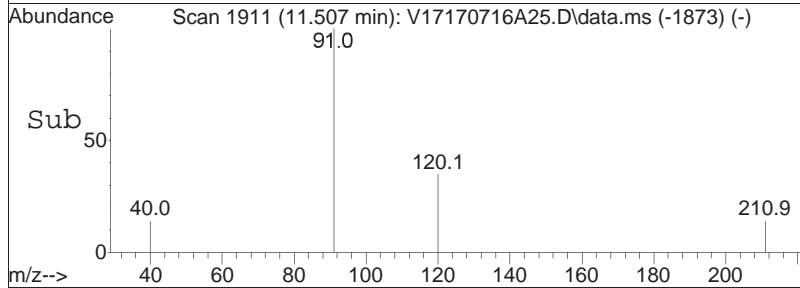
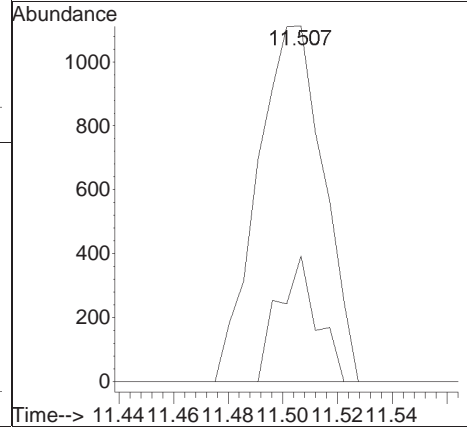
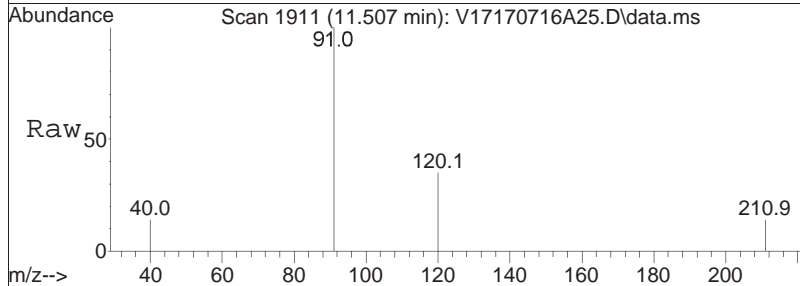
Tgt Ion	Resp	Lower	Upper
106	100		
91	224.3	170.4	255.6

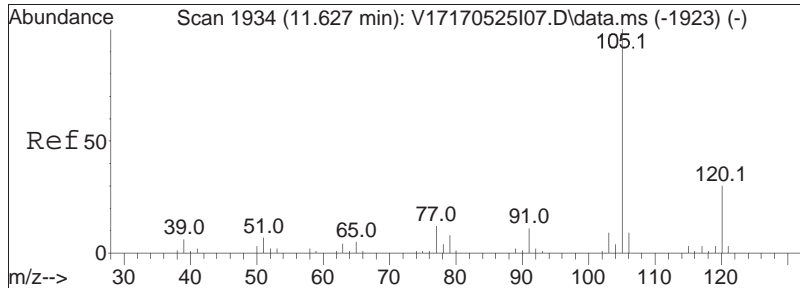




#85
 n-Propylbenzene
 Concen: 0.12 ug/L
 RT: 11.507 min Scan# 1911
 Delta R.T. -0.000 min
 Lab File: V17170716A25.D
 Acq: 16 Jul 2017 06:24 pm

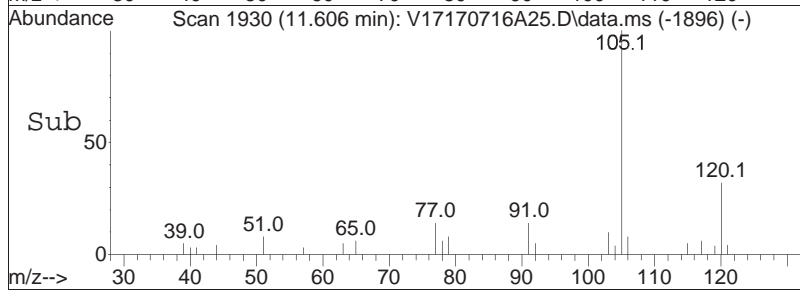
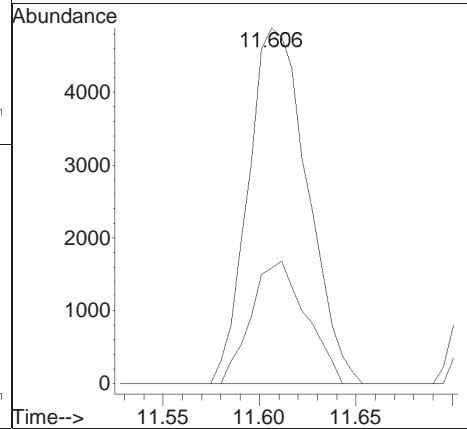
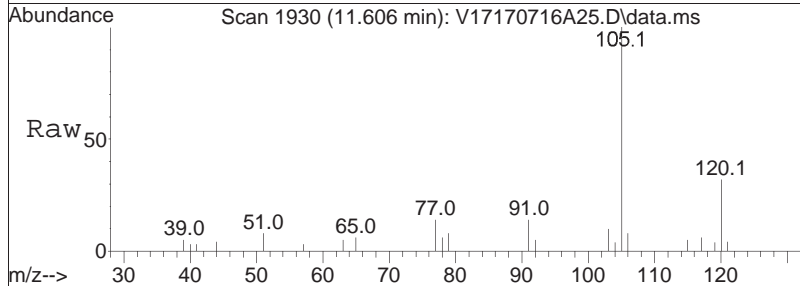
Tgt Ion: 91 Resp: 1865
 Ion Ratio Lower Upper
 91 100
 120 20.6 19.5 29.3

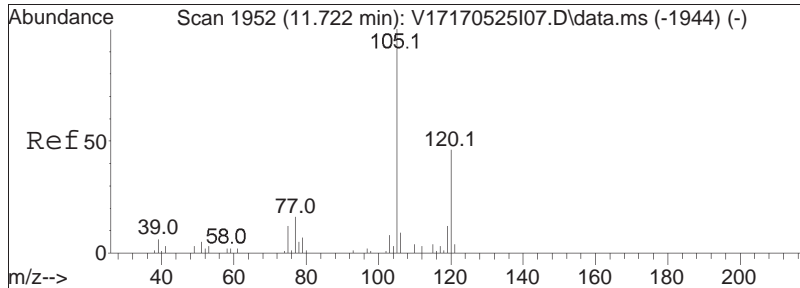




#88
 4-Ethyltoluene
 Concen: 0.84 ug/L
 RT: 11.606 min Scan# 1930
 Delta R.T. -0.021 min
 Lab File: V17170716A25.D
 Acq: 16 Jul 2017 06:24 pm

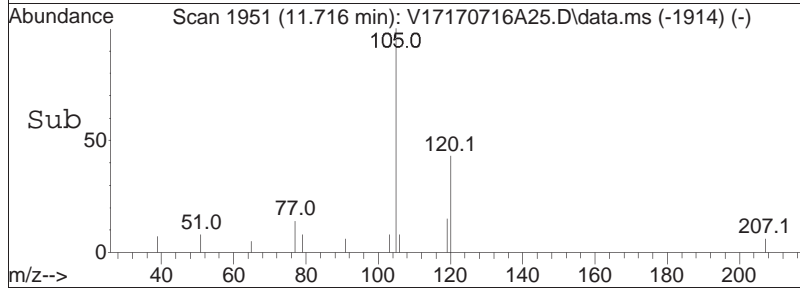
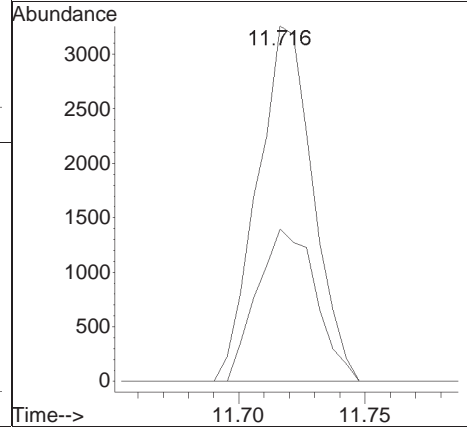
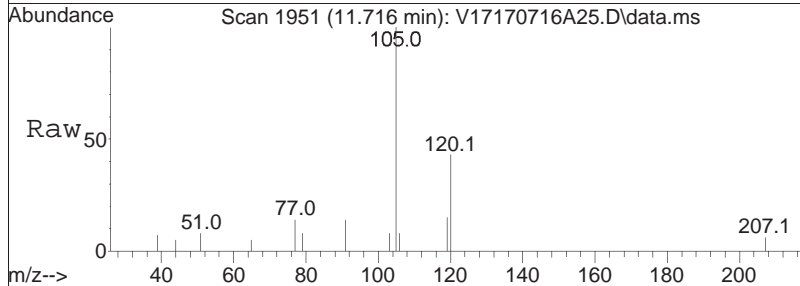
Tgt Ion	Resp	Lower	Upper
105	10413		
120	31.9	20.2	42.0

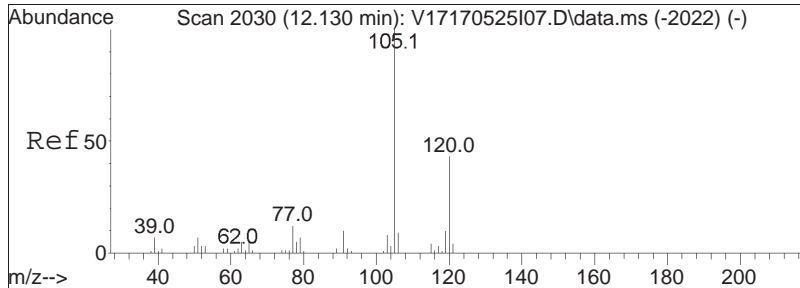




#90
 1,3,5-Trimethylbenzene
 Concen: 0.45 ug/L
 RT: 11.716 min Scan# 1951
 Delta R.T. -0.006 min
 Lab File: V17170716A25.D
 Acq: 16 Jul 2017 06:24 pm

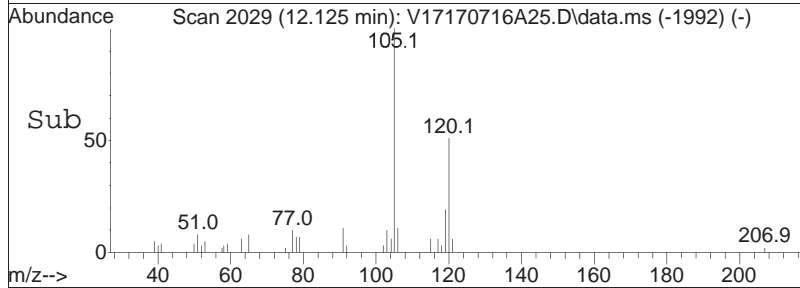
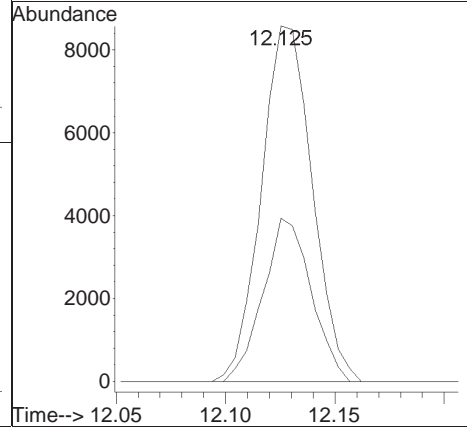
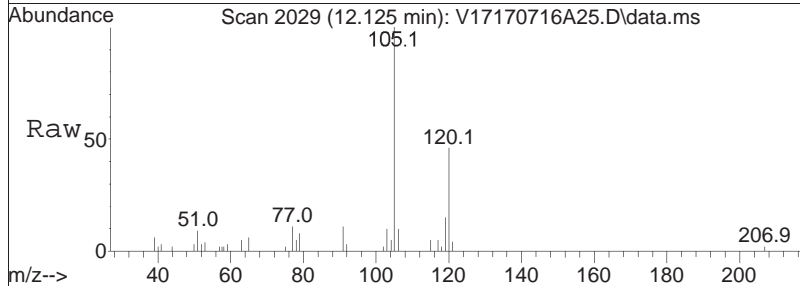
Tgt Ion	Resp	Lower	Upper
105	100		
120	45.4	37.9	56.9

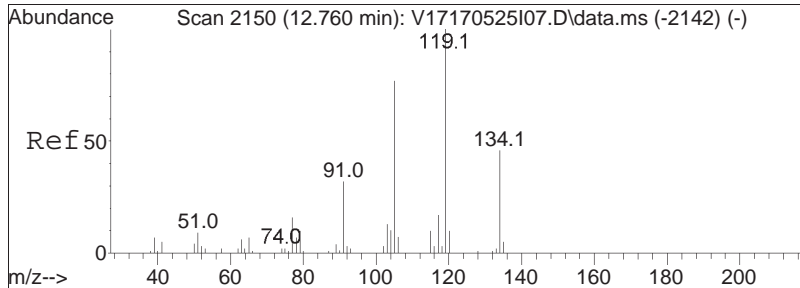




#97
 1,2,4-Trimethylbenzene
 Concen: 1.26 ug/L
 RT: 12.125 min Scan# 2029
 Delta R.T. -0.006 min
 Lab File: V17170716A25.D
 Acq: 16 Jul 2017 06:24 pm

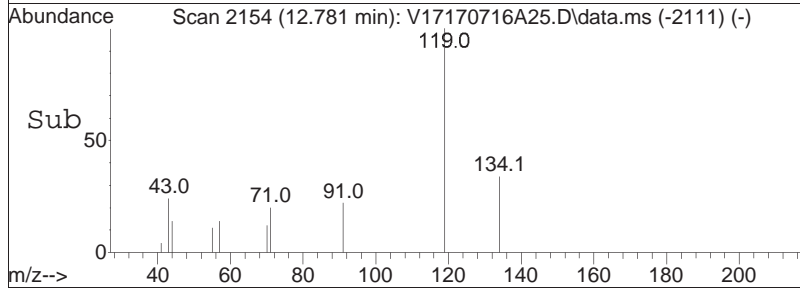
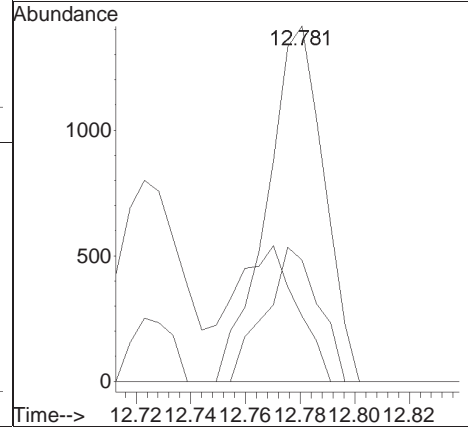
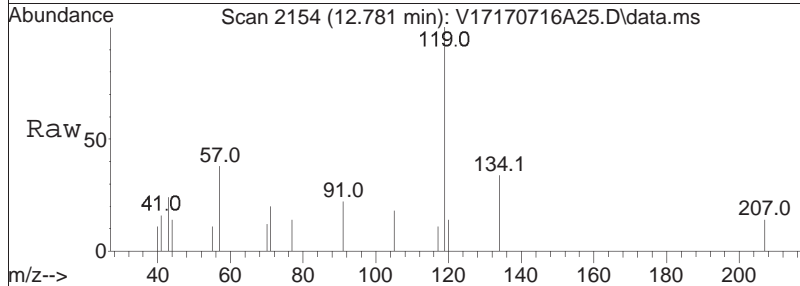
Tgt Ion	Resp	Lower	Upper
105	100		
120	43.3	35.7	53.5

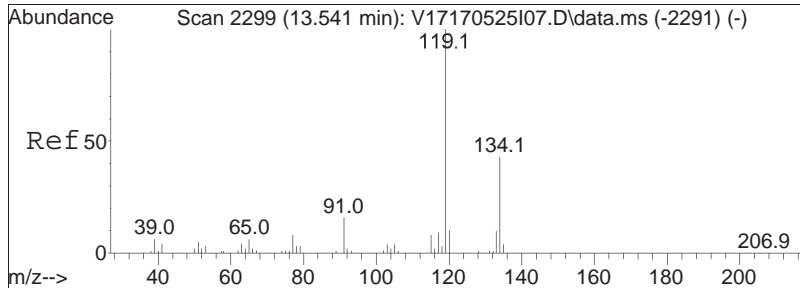




#102
 p-Diethylbenzene
 Concen: 0.28 ug/L
 RT: 12.781 min Scan# 2154
 Delta R.T. 0.026 min
 Lab File: V17170716A25.D
 Acq: 16 Jul 2017 06:24 pm

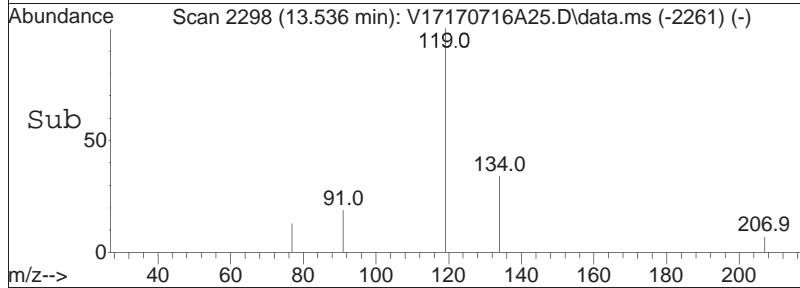
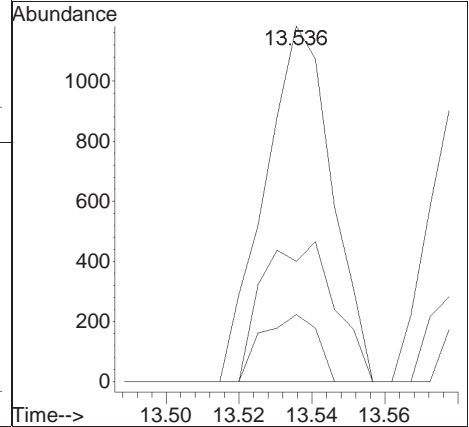
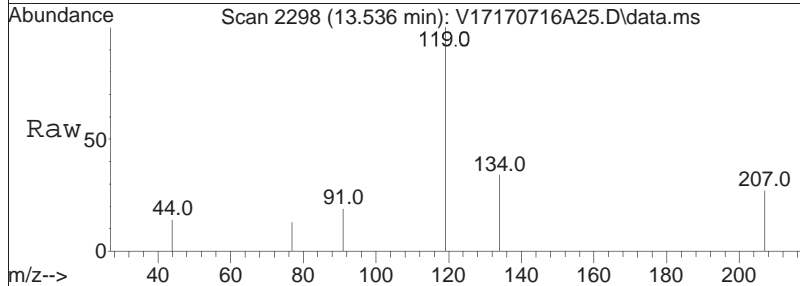
Tgt Ion	Ratio	Lower	Upper
119	100		
105	39.4	49.9	103.5#
134	35.0	30.6	63.4

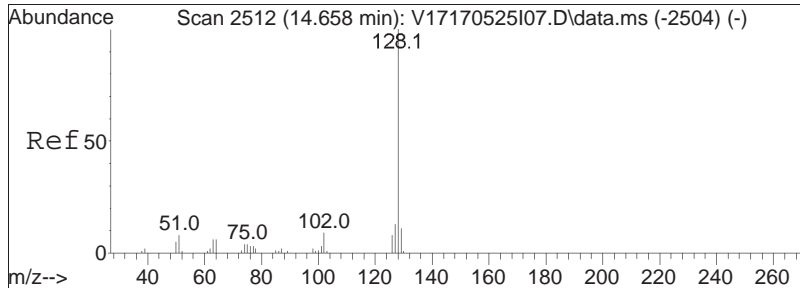




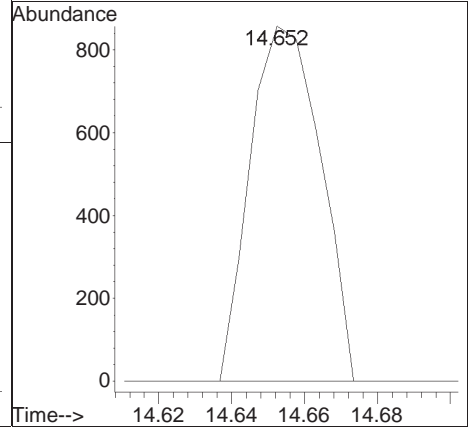
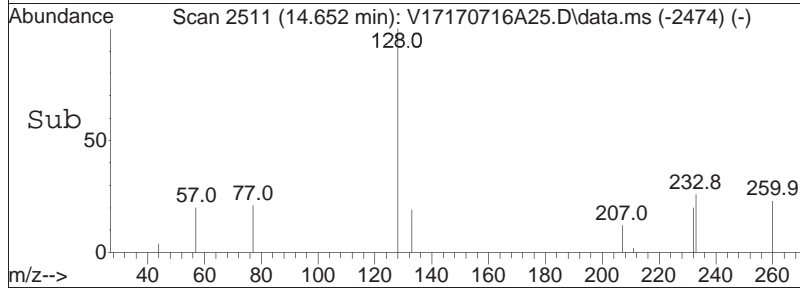
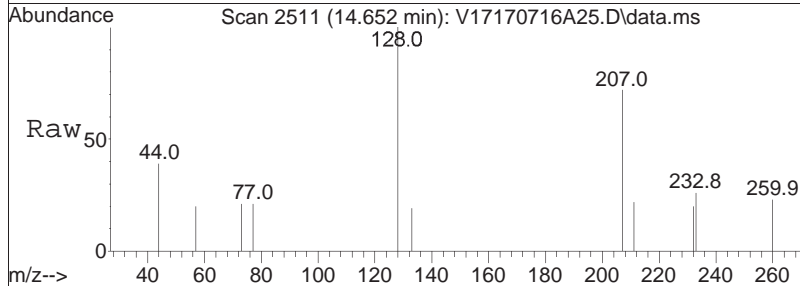
#105
 1,2,4,5-Tetramethylbenzene
 Concen: 0.14 ug/L
 RT: 13.536 min Scan# 2298
 Delta R.T. -0.005 min
 Lab File: V17170716A25.D
 Acq: 16 Jul 2017 06:24 pm

Tgt Ion	Ratio	Lower	Upper
119	100		
134	42.1	29.3	60.8
91	15.3	10.0	20.8





#110
 Naphthalene
 Concen: 0.15 ug/L
 RT: 14.652 min Scan# 2511
 Delta R.T. -0.006 min
 Lab File: V17170716A25.D
 Acq: 16 Jul 2017 06:24 pm
 Tgt Ion:128 Resp: 1150



Manual Integration Report

Data Path : I:\VOLATILES\VOA117\2017\1QMethod : V117_170525_8260.m
Data File : V17170716A25.D Operator : VOA117:MV
Date Inj'd : 7/16/2017 6:24 pm Instrument : VOA 117
Sample : 11723686-15,31,5.5,5,,b Quant Date : 7/17/2017 6:20 am

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA104\2017\170716A\
 Data File : V04170716A06.D
 Acq On : 16 Jul 2017 10:10
 Operator : VOA104:MV
 Sample : 11723686-02,31,9.6,5,,c
 Misc : WG1023153,ICAL13672
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 17 10:56:26 2017
 Quant Method : I:\VOLATILES\VOA104\2017\170716A\V104_170517_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 18 06:45:13 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA104\2017\170716A\V04170716A01.D
 Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	

Internal Standards							
1) Fluorobenzene	5.923	96	165400	20.000	ug/L	0.00	
Standard Area 1 = 169470			Recovery =	97.60%			
59) Chlorobenzene-d5	9.441	117	127821	20.000	ug/L	0.00	
Standard Area 1 = 130956			Recovery =	97.61%			
79) 1,4-Dichlorobenzene-d4	12.162	152	64661	20.000	ug/L	0.00	
Standard Area 1 = 64627			Recovery =	100.05%			
System Monitoring Compounds							
36) Dibromofluoromethane	5.126	113	47338	20.337	ug/L	0.00	
Spiked Amount 20.000	Range 70 - 130		Recovery =	101.69%			
43) 1,2-Dichloroethane-d4	5.650	65	46718	21.904	ug/L	0.00	
Spiked Amount 20.000	Range 70 - 130		Recovery =	109.52%			
60) Toluene-d8	7.595	98	162138	21.806	ug/L	0.00	
Spiked Amount 20.000	Range 70 - 130		Recovery =	109.03%			
83) 4-Bromofluorobenzene	10.951	95	64094	22.564	ug/L	0.00	
Spiked Amount 20.000	Range 70 - 130		Recovery =	112.82%			
Target Compounds							
							Qvalue
2) Dichlorodifluoromethane	0.000		0		N.D.		
3) Chloromethane	1.833	50	2615	0.712	ug/L		72
4) Vinyl chloride	0.000		0		N.D.		
5) Bromomethane	0.000		0		N.D. d		
6) Chloroethane	0.000		0		N.D.		
7) Trichlorofluoromethane	0.000		0		N.D.		
8) Ethyl ether	0.000		0		N.D.		
10) 1,1-Dichloroethene	0.000		0		N.D.		
11) Carbon disulfide	2.934	76	10590	1.088	ug/L		99
15) Methylene chloride	3.453	84	617	0.223	ug/L #		1
17) Acetone	3.511	43	17316	30.999	ug/L		96
18) trans-1,2-Dichloroethene	0.000		0		N.D.		
20) Methyl tert-butyl ether	0.000		0		N.D.		
23) 1,1-Dichloroethane	4.192	63	50		N.D.		
25) Acrylonitrile	0.000		0		N.D. d		
27) Vinyl acetate	0.000		0		N.D. d		
28) cis-1,2-Dichloroethene	0.000		0		N.D.		
29) 2,2-Dichloropropane	4.853	77	122		N.D.		
30) Bromochloromethane	0.000		0		N.D.		
32) Chloroform	0.000		0		N.D. d		

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA104\2017\170716A\
 Data File : V04170716A06.D
 Acq On : 16 Jul 2017 10:10
 Operator : VOA104:MV
 Sample : 11723686-02,31,9.6,5,,c
 Misc : WG1023153,ICAL13672
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 17 10:56:26 2017
 Quant Method : I:\VOLATILES\VOA104\2017\170716A\V104_170517_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 18 06:45:13 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA104\2017\170716A\V04170716A01.D
 Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Carbon tetrachloride	0.000		0		N.D.	
37) 1,1,1-Trichloroethane	0.000		0		N.D.	
39) 2-Butanone	0.000		0		N.D. d	
40) 1,1-Dichloropropene	0.000		0		N.D.	
41) Benzene	5.508	78	1802	0.190	ug/L #	76
44) 1,2-Dichloroethane	0.000		0		N.D.	
48) Trichloroethene	0.000		0		N.D. d	
50) Dibromomethane	0.000		0		N.D.	
51) 1,2-Dichloropropane	6.651	63	56		N.D.	
54) Bromodichloromethane	0.000		0		N.D. d	
57) 1,4-Dioxane	0.000		0		N.D.	
58) cis-1,3-Dichloropropene	0.000		0		N.D.	
61) Toluene	7.663	92	6386	1.149	ug/L	99
62) 4-Methyl-2-pentanone	0.000		0		N.D. d	
63) Tetrachloroethene	8.098	166	4317	1.590	ug/L	93
65) trans-1,3-Dichloropropene	0.000		0		N.D.	
68) 1,1,2-Trichloroethane	0.000		0		N.D. d	
69) Chlorodibromomethane	0.000		0		N.D.	
70) 1,3-Dichloropropane	0.000		0		N.D.	
71) 1,2-Dibromoethane	0.000		0		N.D.	
72) 2-Hexanone	0.000		0		N.D. d	
73) Chlorobenzene	9.488	112	471		N.D.	
74) Ethylbenzene	9.498	91	28739	2.691	ug/L	98
75) 1,1,1,2-Tetrachloroethane	0.000		0		N.D.	
76) p/m Xylene	9.687	106	14126	3.266	ug/L	94
77) o Xylene	10.238	106	2407	0.584	ug/L	85
78) Styrene	0.000		0		N.D.	
80) Bromoform	0.000		0		N.D.	
82) Isopropylbenzene	10.615	105	23191	2.173	ug/L	98
84) Bromobenzene	0.000		0		N.D.	
85) n-Propylbenzene	11.097	91	59109	4.990	ug/L	99
87) 1,1,2,2-Tetrachloroethane	11.197	83	74		N.D.	
88) 4-Ethyltoluene	11.228	105	13938	1.355	ug/L	99
89) 2-Chlorotoluene	0.000		0		N.D. d	
90) 1,3,5-Trimethylbenzene	11.328	105	1930	0.216	ug/L #	83
91) 1,2,3-Trichloropropane	0.000		0		N.D.	
92) trans-1,4-Dichloro-2-b...	0.000		0		N.D. d	
93) 4-Chlorotoluene	11.443	91	159		N.D.	
94) tert-Butylbenzene	11.664	119	305		N.D.	

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA104\2017\170716A\
 Data File : V04170716A06.D
 Acq On : 16 Jul 2017 10:10
 Operator : VOA104:MV
 Sample : 11723686-02,31,9.6,5,,c
 Misc : WG1023153,ICAL13672
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 17 10:56:26 2017
 Quant Method : I:\VOLATILES\VOA104\2017\170716A\V104_170517_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 18 06:45:13 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA104\2017\170716A\V04170716A01.D
 Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97) 1,2,4-Trimethylbenzene	11.748	105	18971	2.124	ug/L	95
98) sec-Butylbenzene	11.858	105	13770	1.234	ug/L #	68
99) p-Isopropyltoluene	12.015	119	2190	0.228	ug/L #	80
100) 1,3-Dichlorobenzene	12.183	146	223	N.D.		
101) 1,4-Dichlorobenzene	12.183	146	223	N.D.		
102) p-Diethylbenzene	12.387	119	6097M1	1.083	ug/L	
103) n-Butylbenzene	12.445	91	1944	0.232	ug/L #	77
104) 1,2-Dichlorobenzene	12.613	146	52	N.D.		
105) 1,2,4,5-Tetramethylben...	13.184	119	17971	1.950	ug/L	95
106) 1,2-Dibromo-3-chloropr...	0.000		0	N.D.		
108) Hexachlorobutadiene	0.000		0	N.D.		
109) 1,2,4-Trichlorobenzene	0.000		0	N.D.		
110) Naphthalene	14.317	128	2518	0.317	ug/L	100
111) 1,2,3-Trichlorobenzene	0.000		0	N.D.	d	

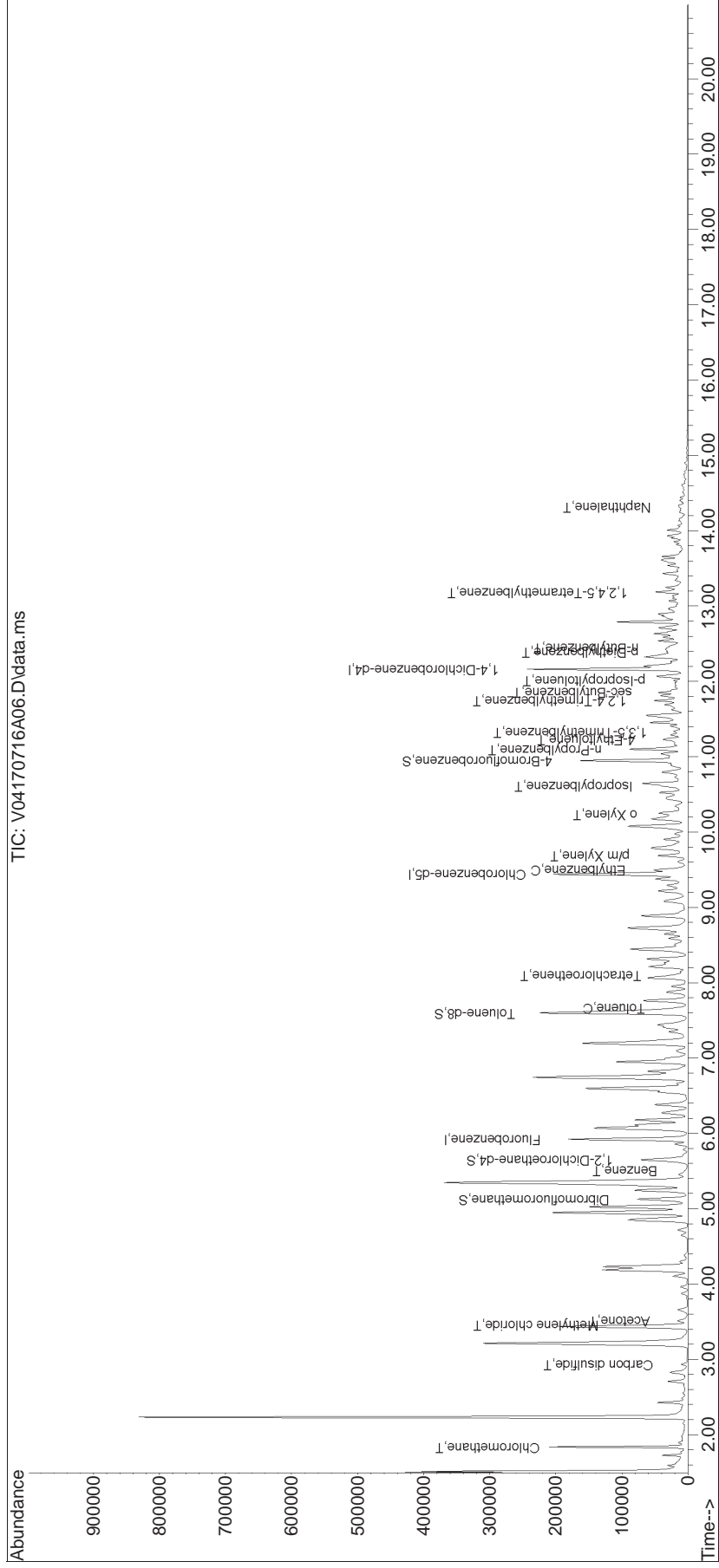
(#) = qualifier out of range (m) = manual integration (+) = signals summed

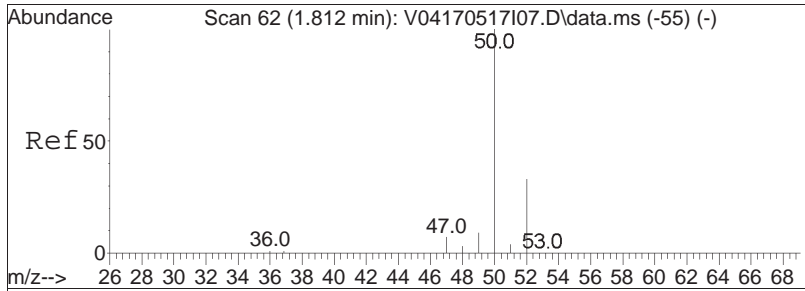
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA104\2017\170716A\
Data File : V04170716A06.D
Acq On : 16 Jul 2017 10:10
Operator : VOA104:MV
Sample : 11723686-02,31,9.6,5,,c
Misc : WG1023153,ICAL13672
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 17 10:56:26 2017
Quant Method : I:\VOLATILES\VOA104\2017\170716A\V104_170517_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu May 18 06:45:13 2017
Response via : Initial Calibration

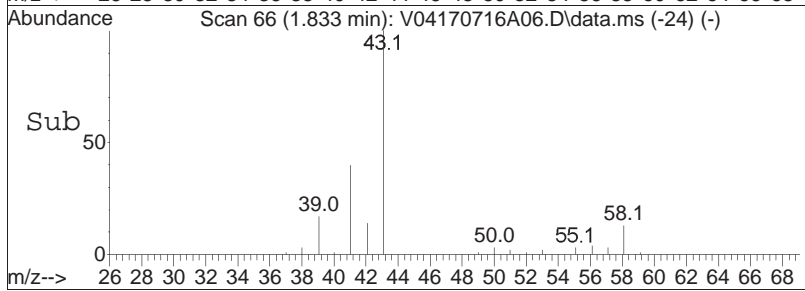
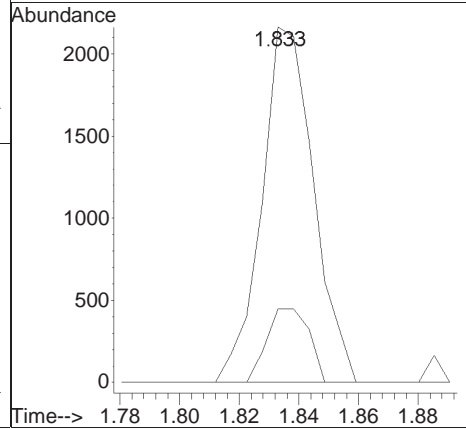
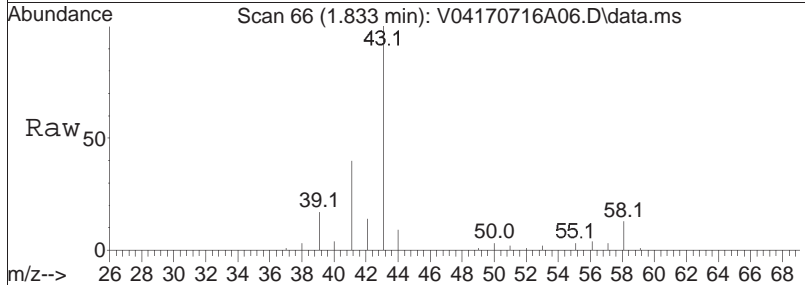
Sub List : 8260-NYTCL - Megamix plus Diox70716A\V04170716A01.D•

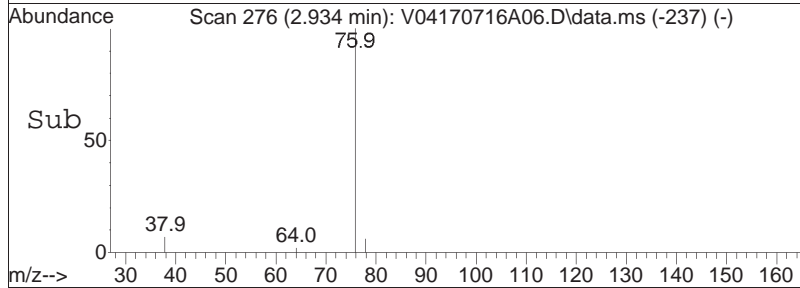
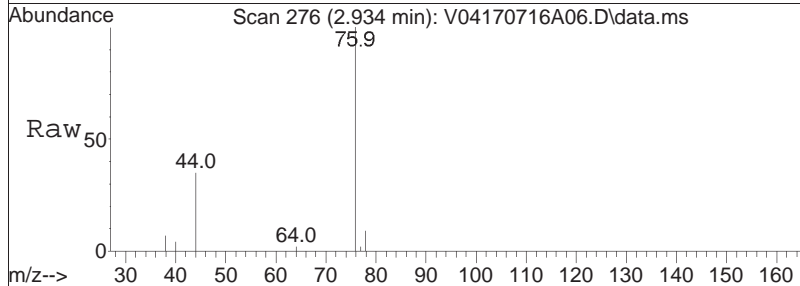
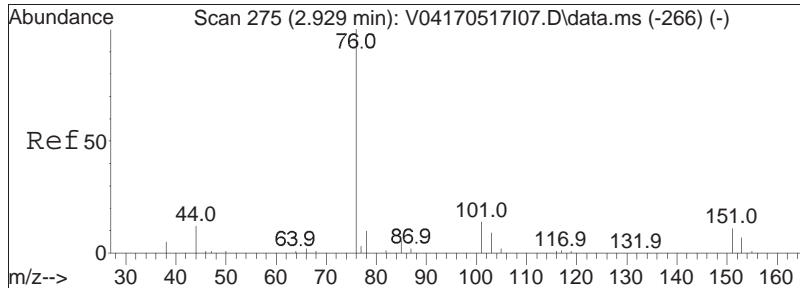




#3
 Chloromethane
 Concen: 0.71 ug/L
 RT: 1.833 min Scan# 66
 Delta R.T. 0.021 min
 Lab File: V04170716A06.D
 Acq: 16 Jul 2017 10:10

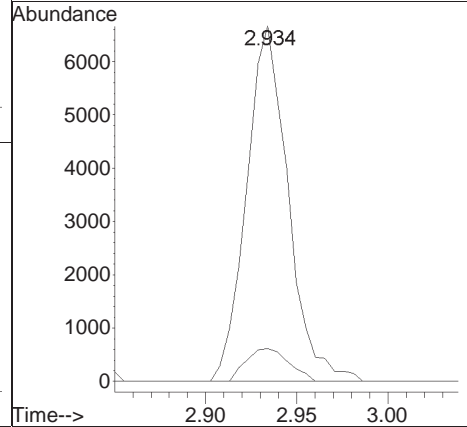
Tgt Ion	Resp	Lower	Upper
50	2615		
50	100		
52	16.9	12.7	52.7

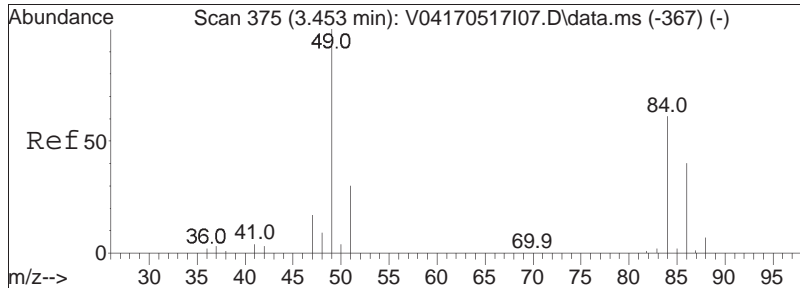




#11
 Carbon disulfide
 Concen: 1.09 ug/L
 RT: 2.934 min Scan# 276
 Delta R.T. 0.005 min
 Lab File: V04170716A06.D
 Acq: 16 Jul 2017 10:10

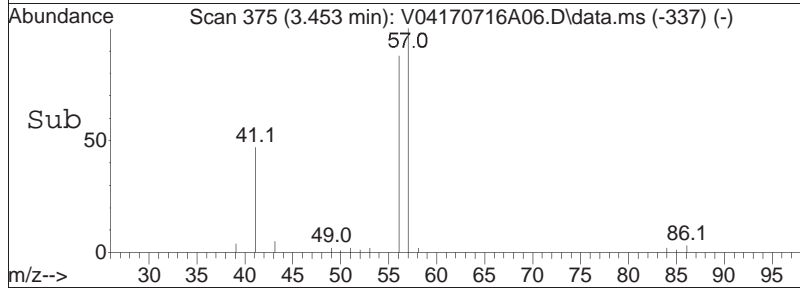
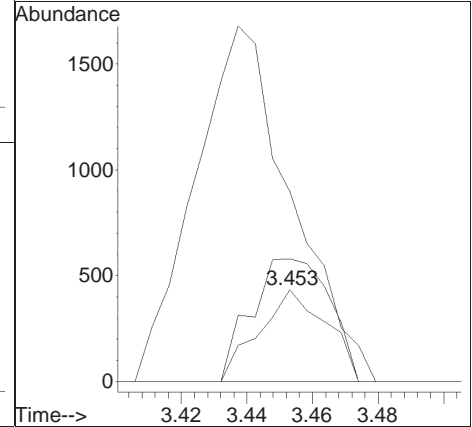
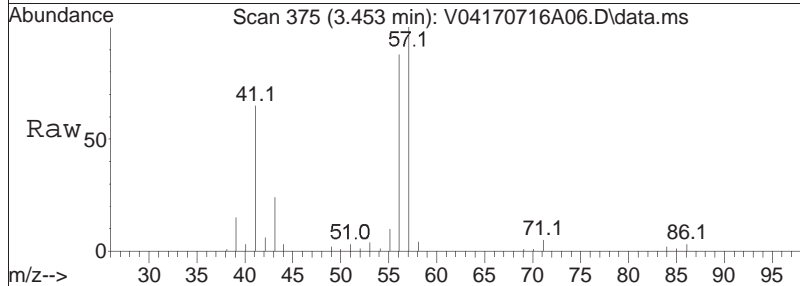
Tgt Ion:	Resp:	Lower	Upper
76	10590		
76	100		
78	9.6	6.5	13.5

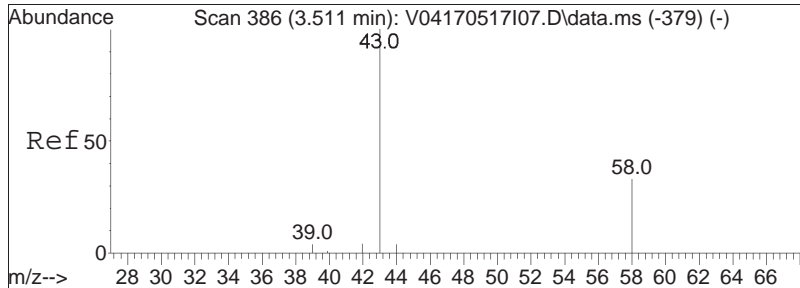




#15
 Methylene chloride
 Concen: 0.22 ug/L
 RT: 3.453 min Scan# 375
 Delta R.T. 0.000 min
 Lab File: V04170716A06.D
 Acq: 16 Jul 2017 10:10

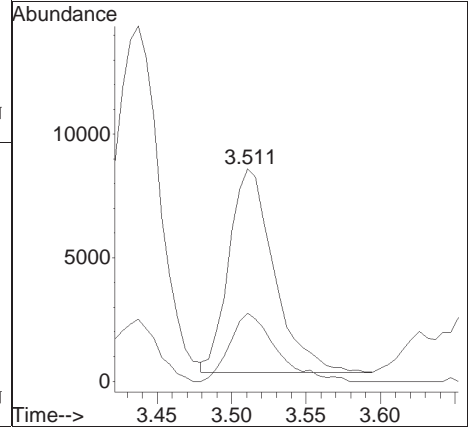
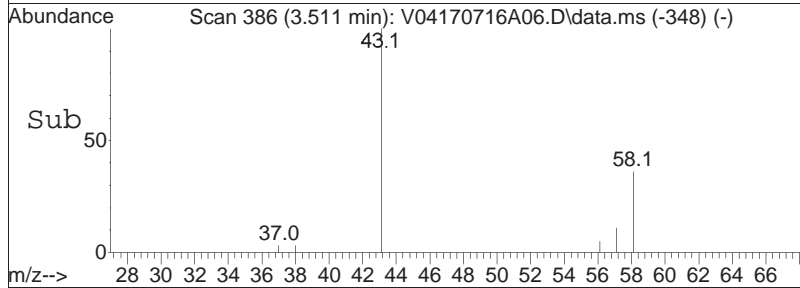
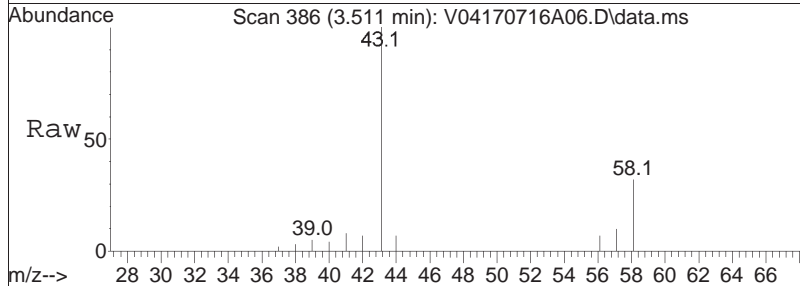
Tgt Ion:	84	Resp:	617
Ion Ratio	Lower	Upper	
84	100		
86	556.7	41.3	85.9#
49	155.9	109.1	226.7

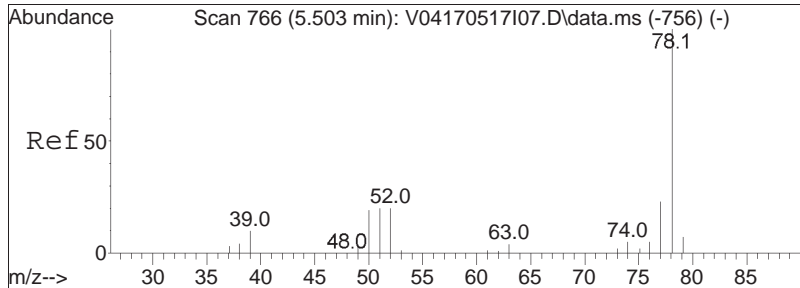




#17
 Acetone
 Concen: 31.00 ug/L
 RT: 3.511 min Scan# 386
 Delta R.T. -0.000 min
 Lab File: V04170716A06.D
 Acq: 16 Jul 2017 10:10

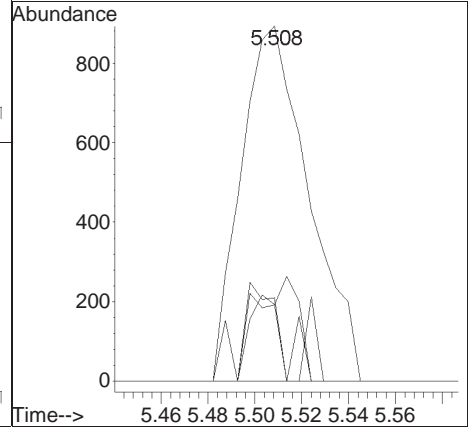
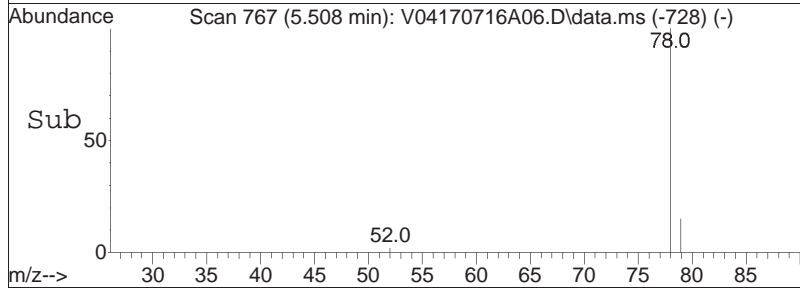
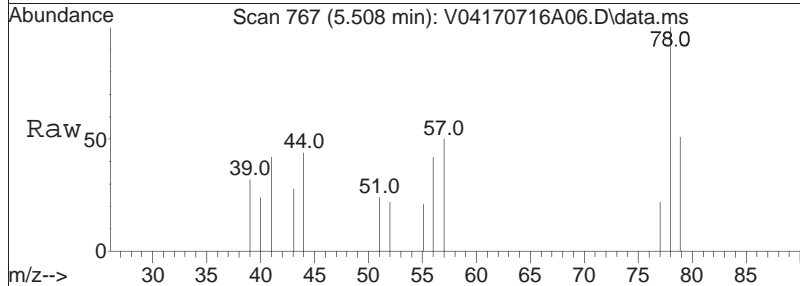
Tgt Ion	Resp	Lower	Upper
43	17316		
43	100		
58	34.7	26.0	39.0

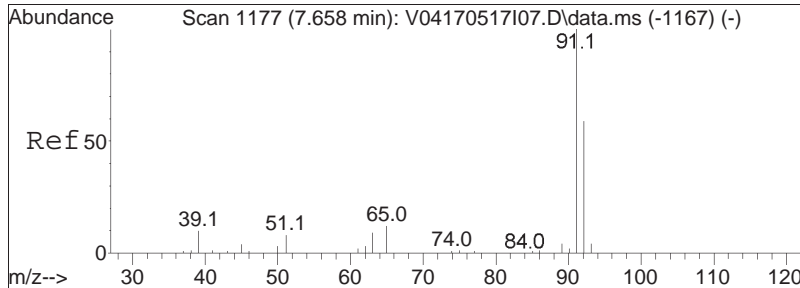




#41
 Benzene
 Concen: 0.19 ug/L
 RT: 5.508 min Scan# 767
 Delta R.T. 0.005 min
 Lab File: V04170716A06.D
 Acq: 16 Jul 2017 10:10

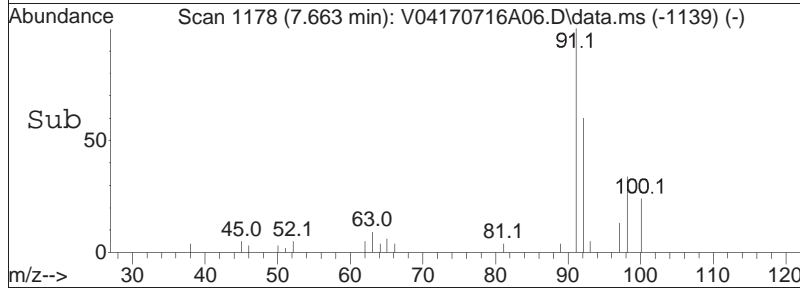
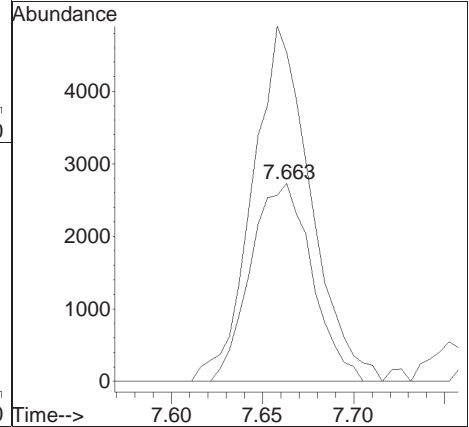
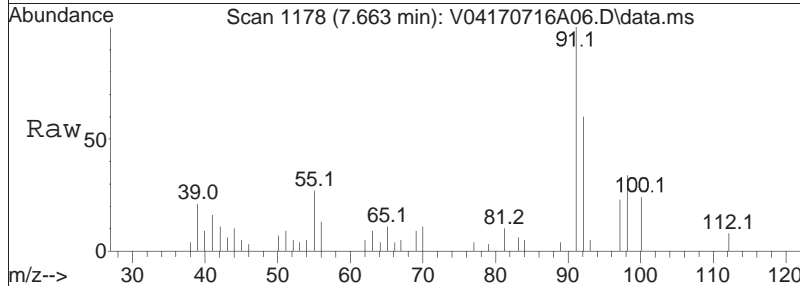
Tgt Ion	Resp	Lower	Upper
78	1802		
77	18.6	15.2	31.6
51	0.0	14.1	29.3#
52	12.8	14.0	29.2#

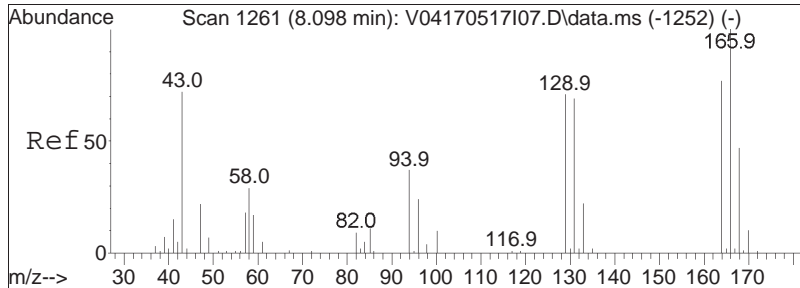




#61
 Toluene
 Concen: 1.15 ug/L
 RT: 7.663 min Scan# 1178
 Delta R.T. 0.005 min
 Lab File: V04170716A06.D
 Acq: 16 Jul 2017 10:10

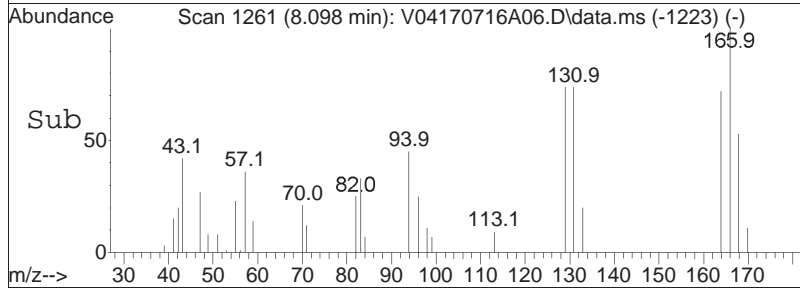
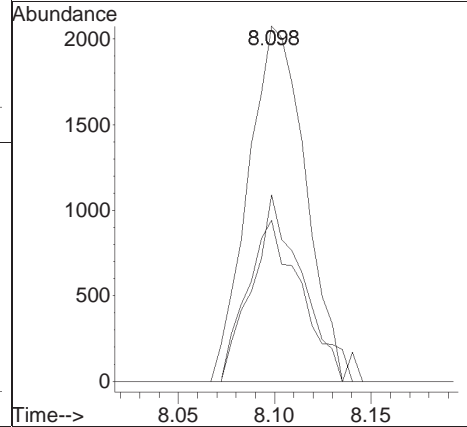
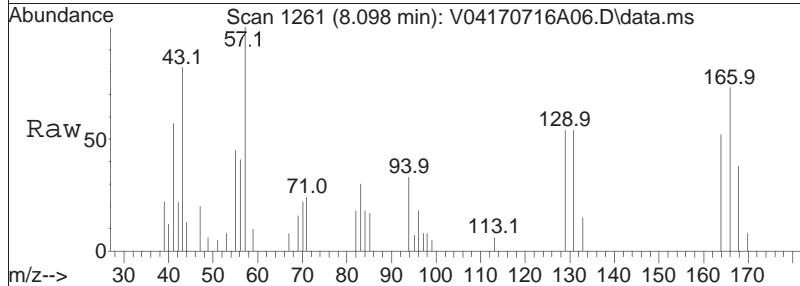
Tgt Ion:	Resp:		
92	6386		
Ion Ratio	Lower	Upper	
92	100		
91	170.7	135.4	203.2

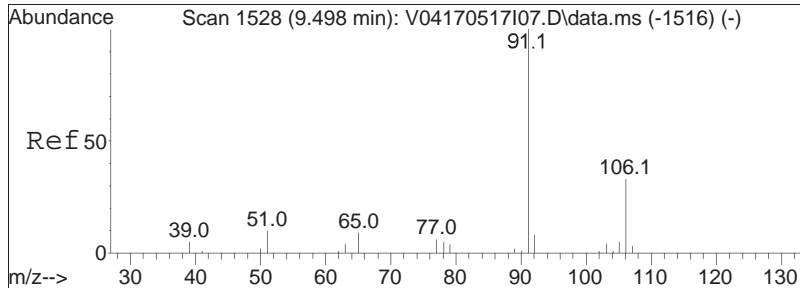




#63
 Tetrachloroethene
 Concen: 1.59 ug/L
 RT: 8.098 min Scan# 1261
 Delta R.T. 0.000 min
 Lab File: V04170716A06.D
 Acq: 16 Jul 2017 10:10

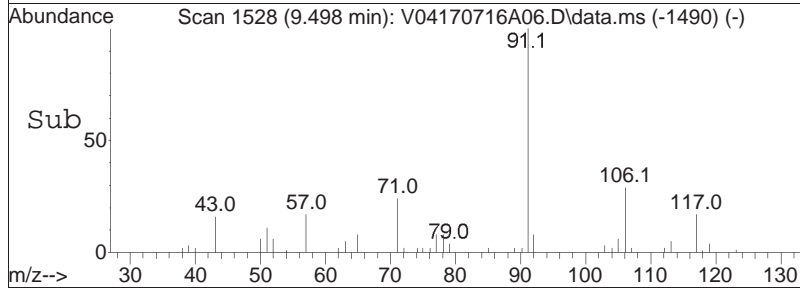
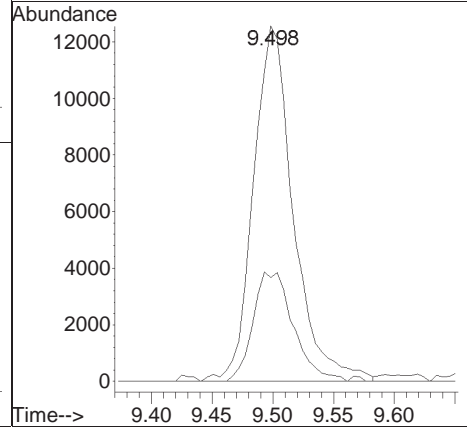
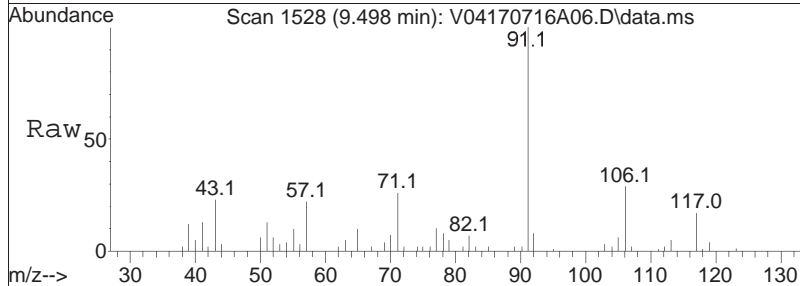
Tgt Ion	Ratio	Lower	Upper
166	100		
168	44.3	27.3	67.3
94	43.5	17.1	57.1

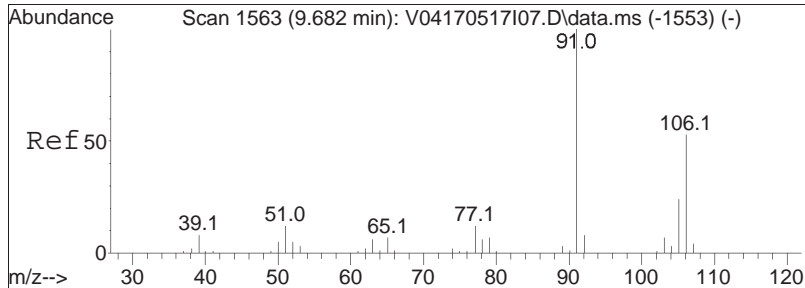




#74
 Ethylbenzene
 Concen: 2.69 ug/L
 RT: 9.498 min Scan# 1528
 Delta R.T. 0.000 min
 Lab File: V04170716A06.D
 Acq: 16 Jul 2017 10:10

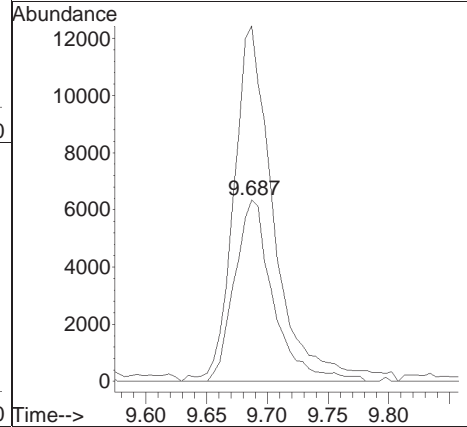
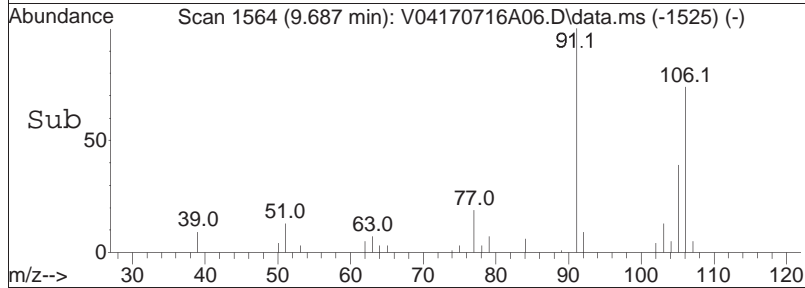
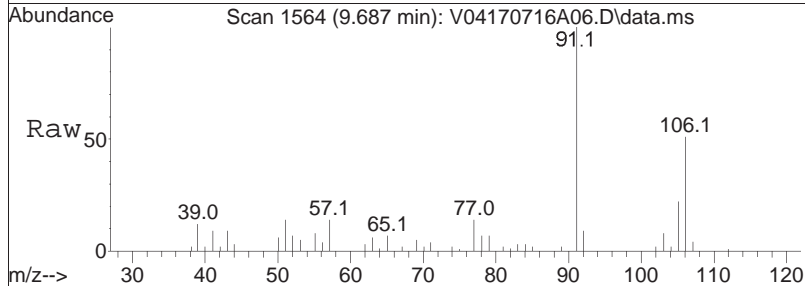
Tgt Ion: 91 Resp: 28739
 Ion Ratio Lower Upper
 91 100
 106 31.0 25.8 38.8

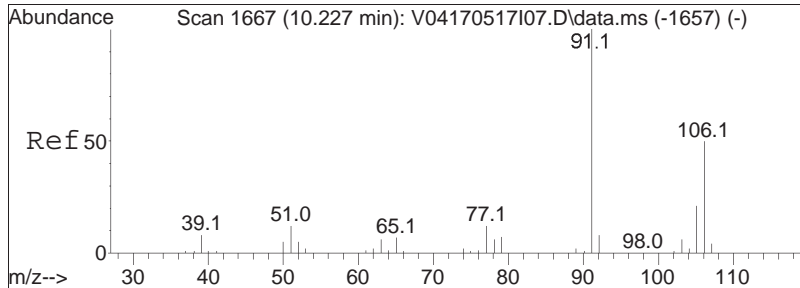




#76
 p/m Xylene
 Concen: 3.27 ug/L
 RT: 9.687 min Scan# 1564
 Delta R.T. 0.005 min
 Lab File: V04170716A06.D
 Acq: 16 Jul 2017 10:10

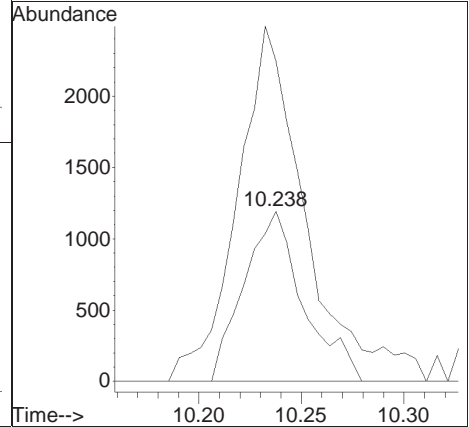
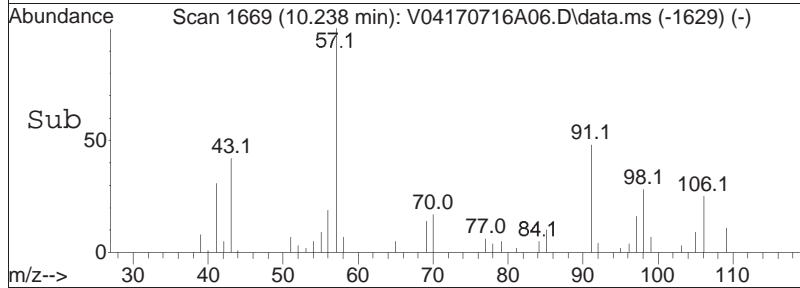
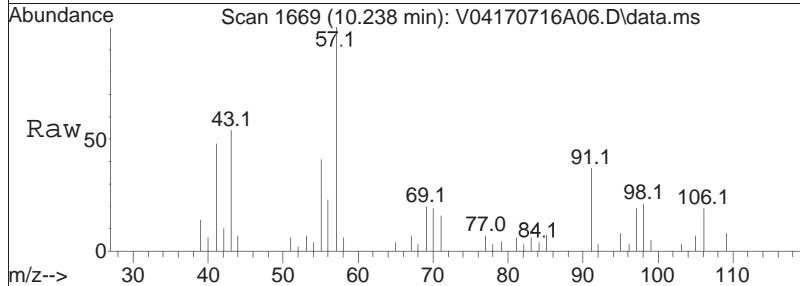
Tgt Ion	Resp	Lower	Upper
106	14126		
91	203.5	155.4	233.0

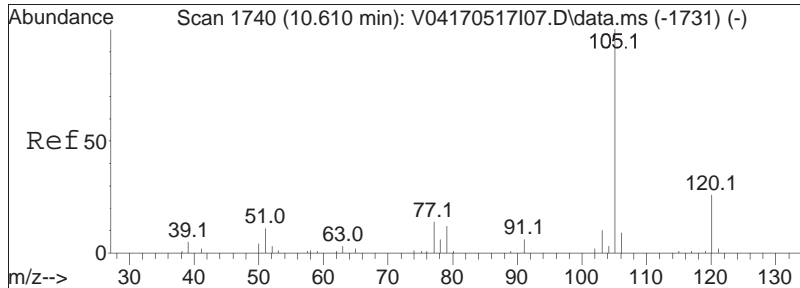




#77
 o Xylene
 Concen: 0.58 ug/L
 RT: 10.238 min Scan# 1669
 Delta R.T. 0.011 min
 Lab File: V04170716A06.D
 Acq: 16 Jul 2017 10:10

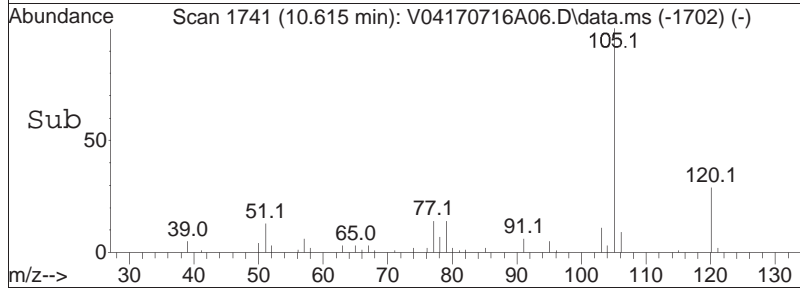
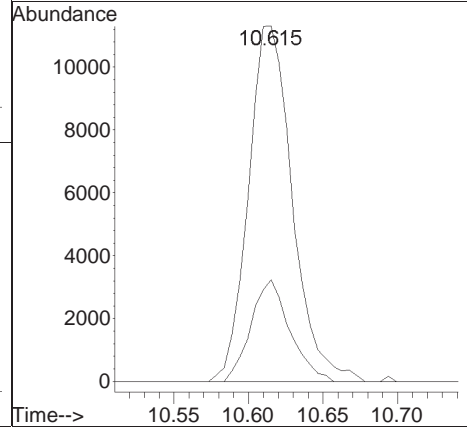
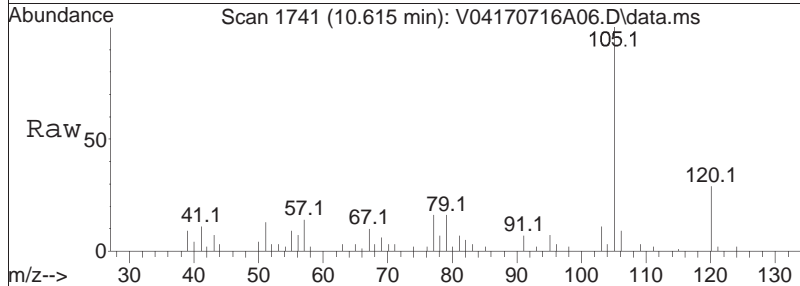
Tgt Ion	Resp	Lower	Upper
106	2407		
91	229.9	164.9	247.3

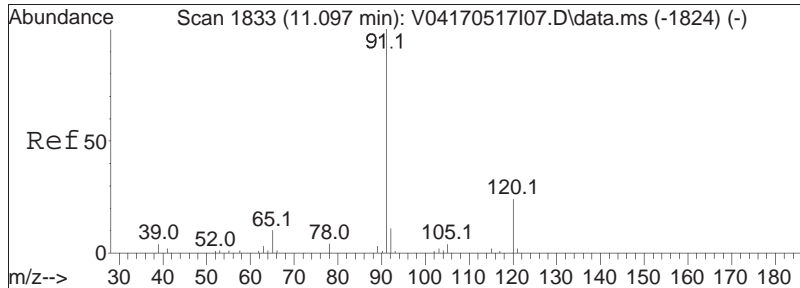




#82
 Isopropylbenzene
 Concen: 2.17 ug/L
 RT: 10.615 min Scan# 1741
 Delta R.T. 0.005 min
 Lab File: V04170716A06.D
 Acq: 16 Jul 2017 10:10

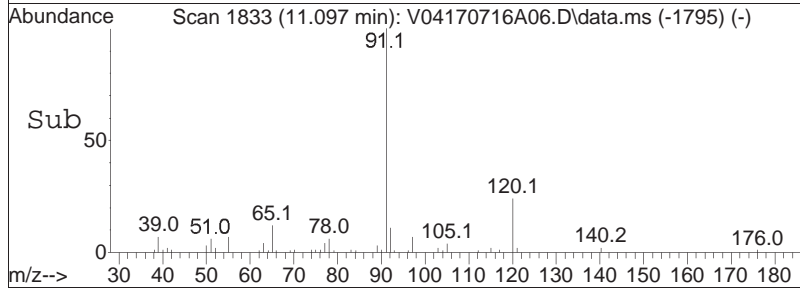
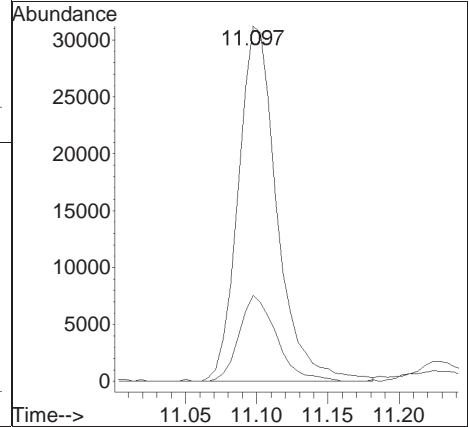
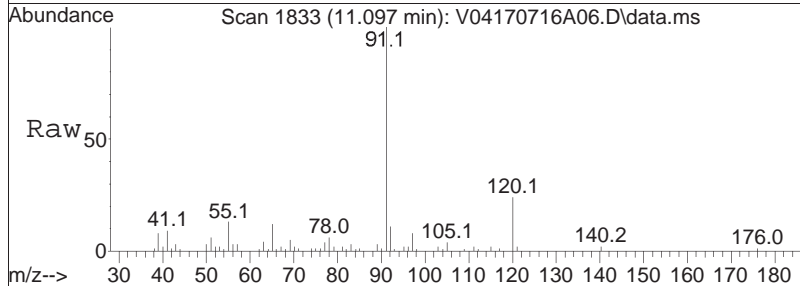
Tgt Ion	Ratio	Lower	Upper
105	100		
120	25.3	6.3	46.3

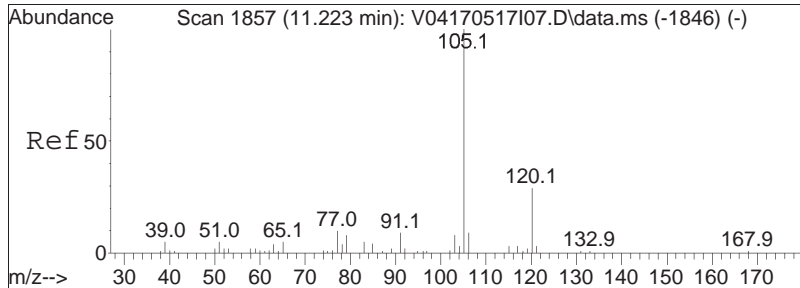




#85
 n-Propylbenzene
 Concen: 4.99 ug/L
 RT: 11.097 min Scan# 1833
 Delta R.T. 0.000 min
 Lab File: V04170716A06.D
 Acq: 16 Jul 2017 10:10

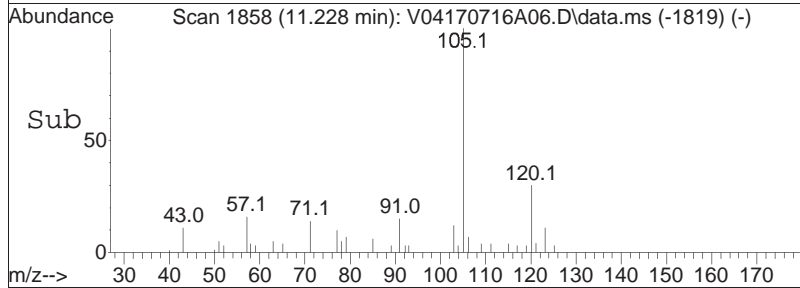
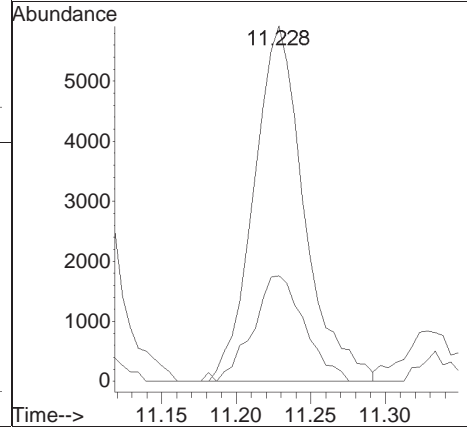
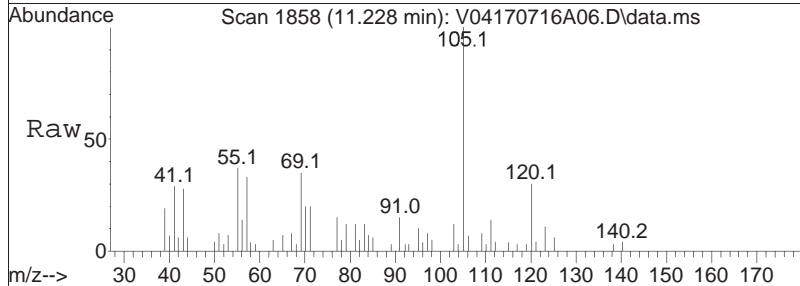
Tgt Ion: 91 Resp: 59109
 Ion Ratio Lower Upper
 91 100
 120 23.4 19.1 28.7

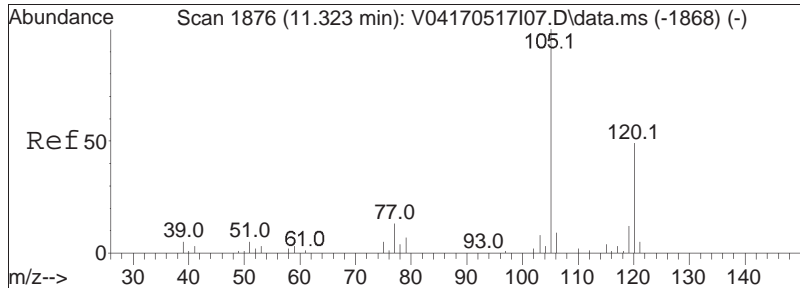




#88
 4-Ethyltoluene
 Concen: 1.35 ug/L
 RT: 11.228 min Scan# 1858
 Delta R.T. 0.005 min
 Lab File: V04170716A06.D
 Acq: 16 Jul 2017 10:10

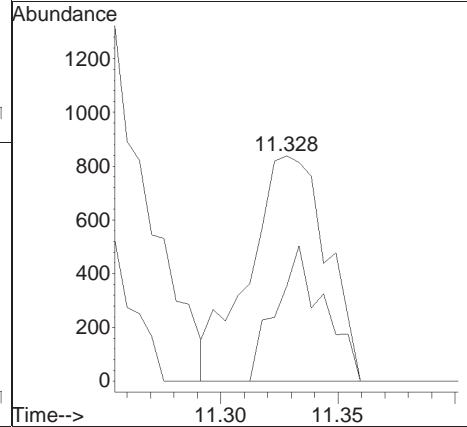
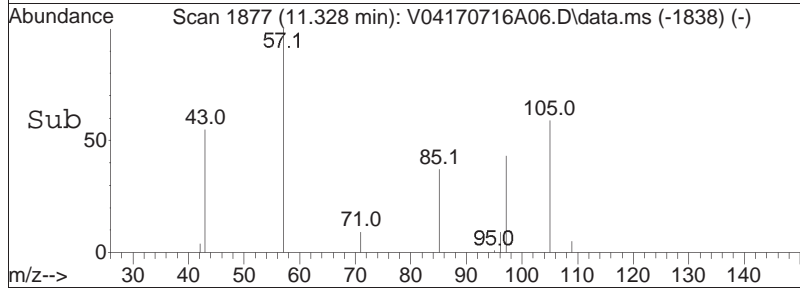
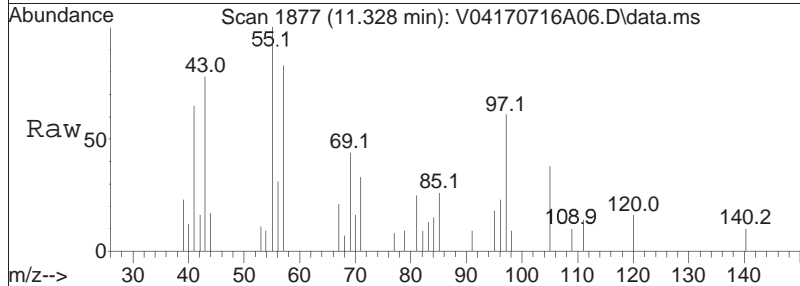
Tgt Ion:	105	Resp:	13938
Ion Ratio	Lower	Upper	
105	100		
120	30.5	19.5	40.5

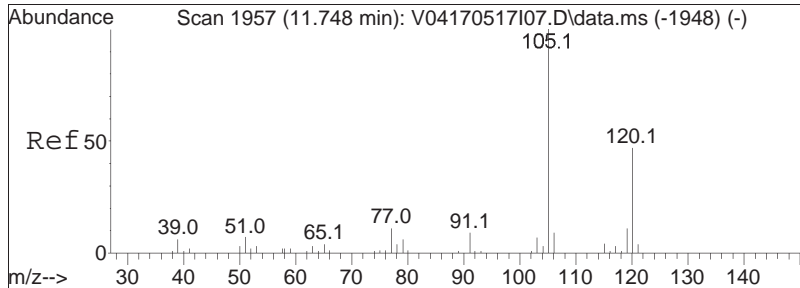




#90
 1,3,5-Trimethylbenzene
 Concen: 0.22 ug/L
 RT: 11.328 min Scan# 1877
 Delta R.T. 0.005 min
 Lab File: V04170716A06.D
 Acq: 16 Jul 2017 10:10

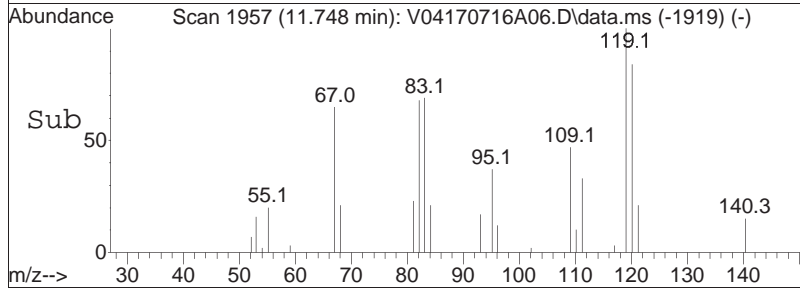
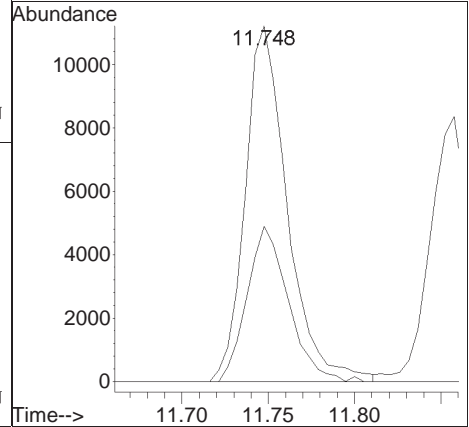
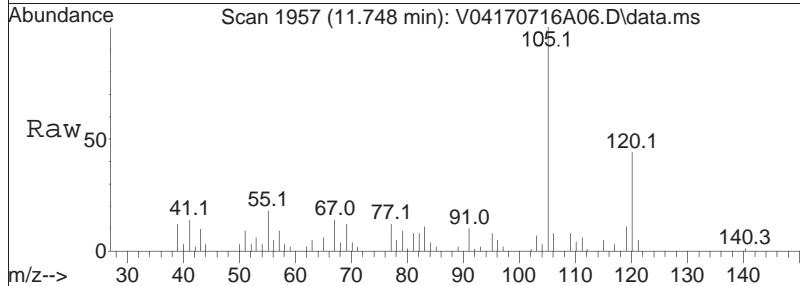
Tgt Ion	Ratio	Lower	Upper
105	100		
120	37.0	38.9	58.3#

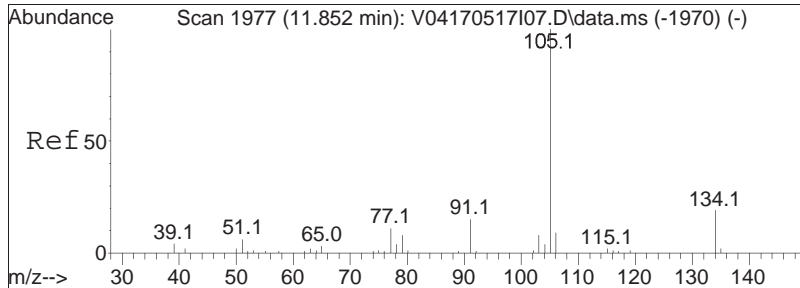




#97
 1,2,4-Trimethylbenzene
 Concen: 2.12 ug/L
 RT: 11.748 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: V04170716A06.D
 Acq: 16 Jul 2017 10:10

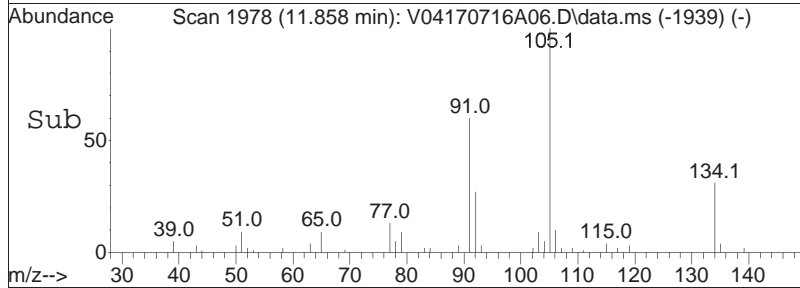
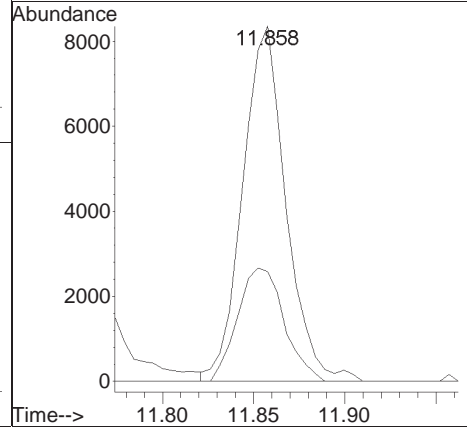
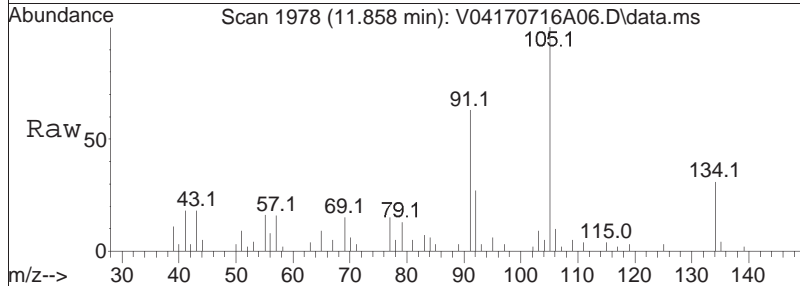
Tgt Ion	Resp	Lower	Upper
105	100		
120	42.9	36.8	55.2

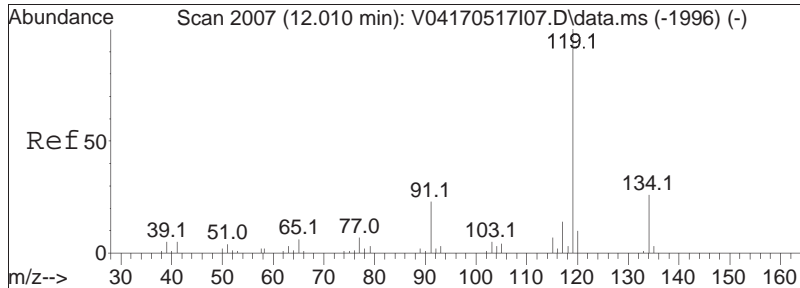




#98
 sec-Butylbenzene
 Concen: 1.23 ug/L
 RT: 11.858 min Scan# 1978
 Delta R.T. 0.006 min
 Lab File: V04170716A06.D
 Acq: 16 Jul 2017 10:10

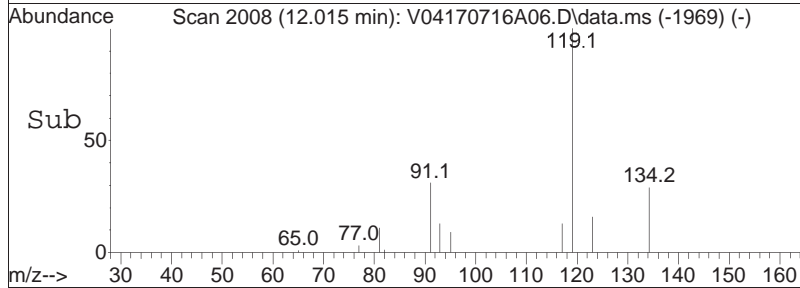
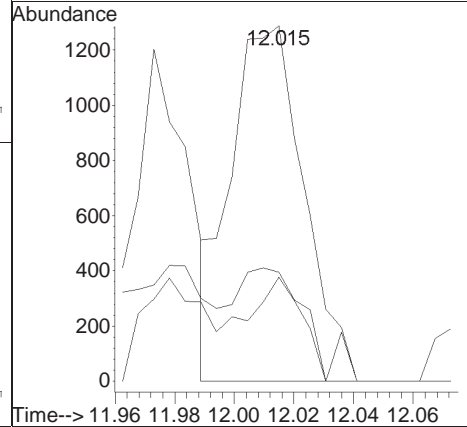
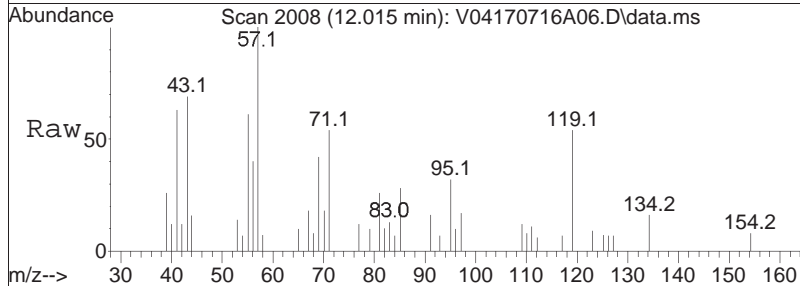
Tgt Ion:105 Resp: 13770
 Ion Ratio Lower Upper
 105 100
 134 34.4 12.9 26.9#

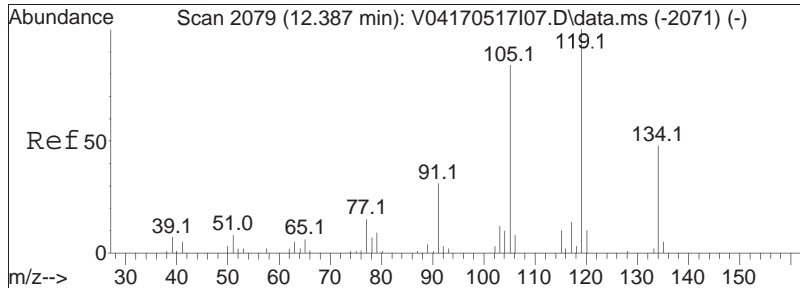




#99
 p-Isopropyltoluene
 Concen: 0.23 ug/L
 RT: 12.015 min Scan# 2008
 Delta R.T. 0.005 min
 Lab File: V04170716A06.D
 Acq: 16 Jul 2017 10:10

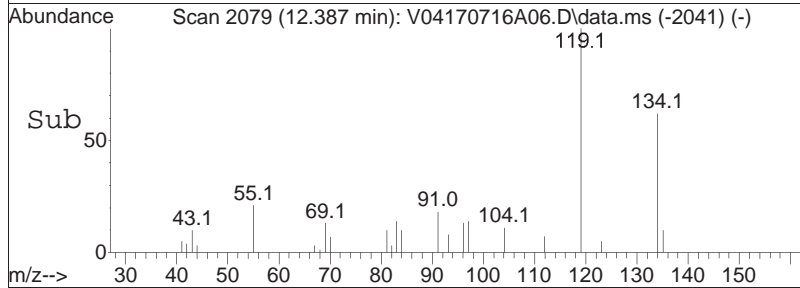
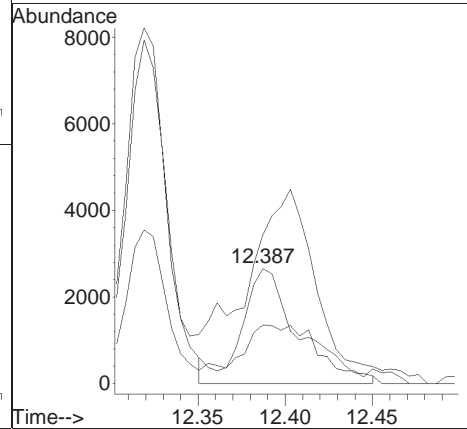
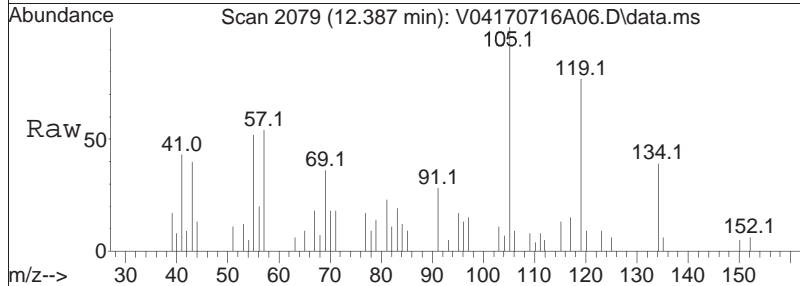
Tgt Ion	Ratio	Lower	Upper
119	100		
134	16.5	17.2	35.8#
91	31.7	14.4	30.0#

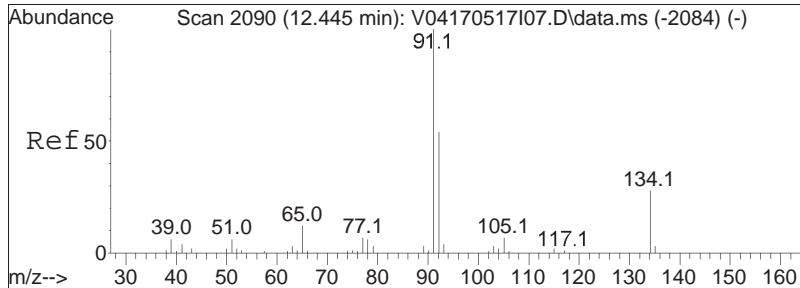




#102
 p-Diethylbenzene
 Concen: 1.08 ug/L M1
 RT: 12.387 min Scan# 2079
 Delta R.T. 0.000 min
 Lab File: V04170716A06.D
 Acq: 16 Jul 2017 10:10

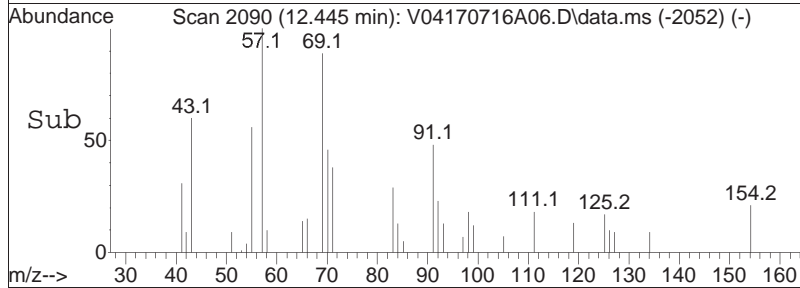
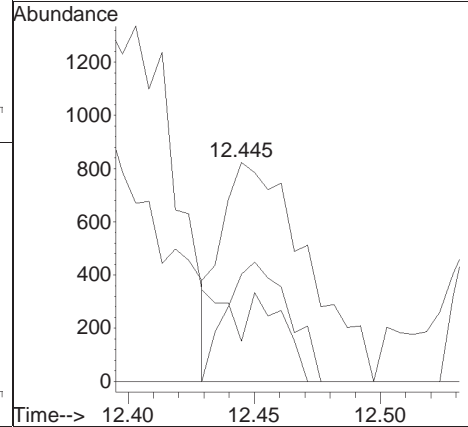
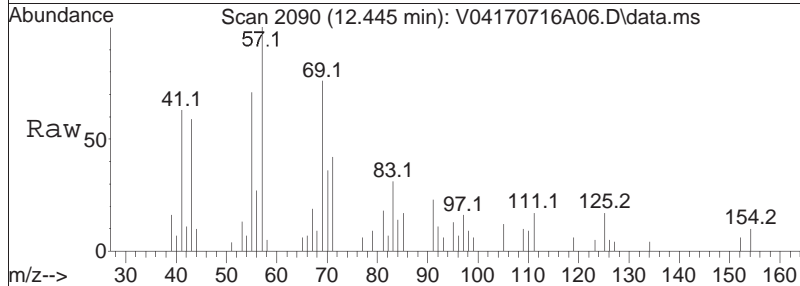
Tgt Ion	Resp	Lower	Upper
119	6097		
119	100		
105	218.2	55.3	114.8#
134	95.3	30.7	63.9#

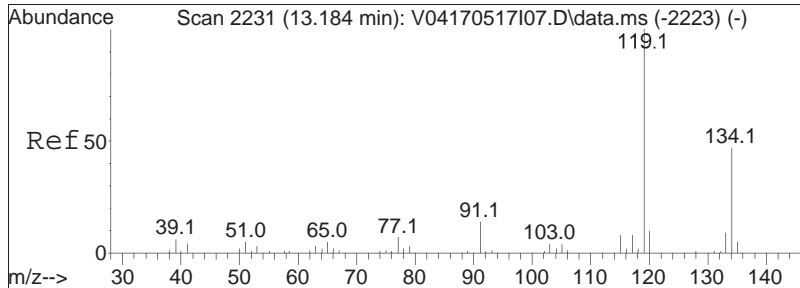




#103
 n-Butylbenzene
 Concen: 0.23 ug/L
 RT: 12.445 min Scan# 2090
 Delta R.T. -0.000 min
 Lab File: V04170716A06.D
 Acq: 16 Jul 2017 10:10

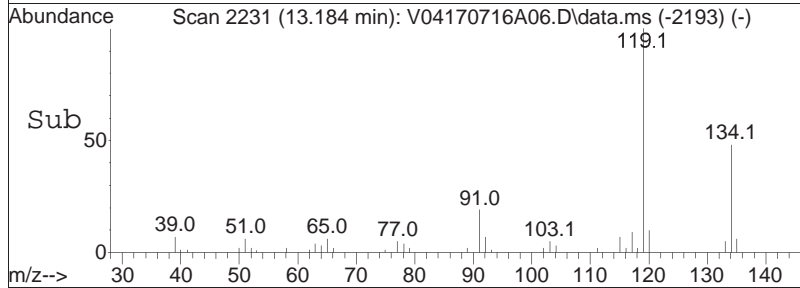
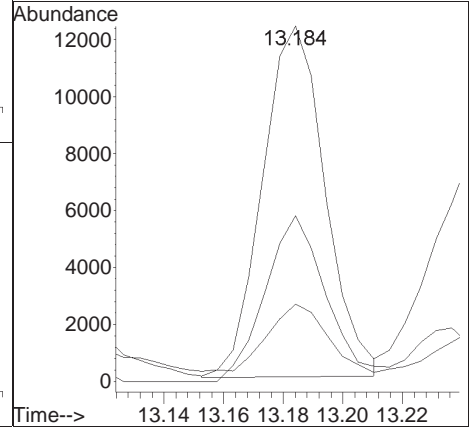
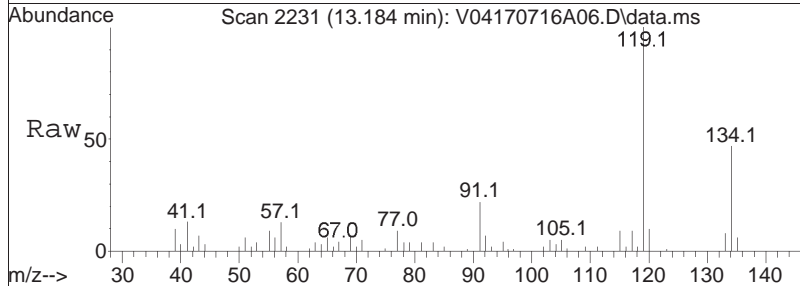
Tgt Ion:	91	Resp:	1944
Ion Ratio	Lower	Upper	
91	100		
92	39.8	45.0	67.4#
134	16.2	23.4	35.0#

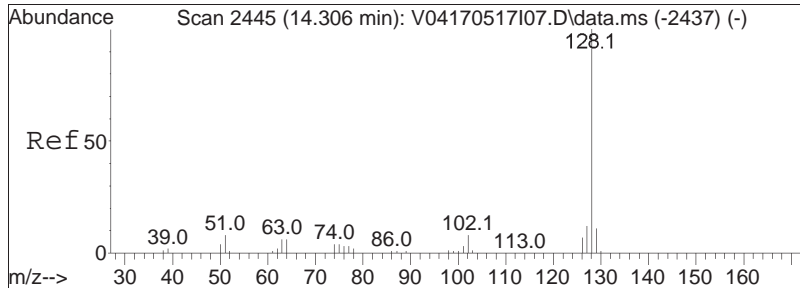




#105
 1,2,4,5-Tetramethylbenzene
 Concen: 1.95 ug/L
 RT: 13.184 min Scan# 2231
 Delta R.T. 0.000 min
 Lab File: V04170716A06.D
 Acq: 16 Jul 2017 10:10

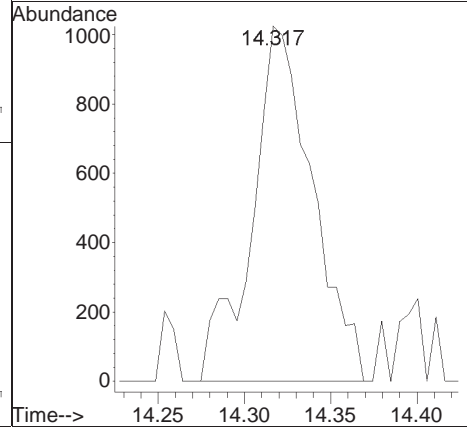
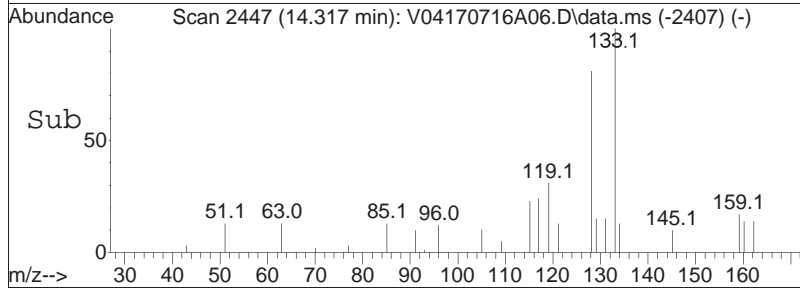
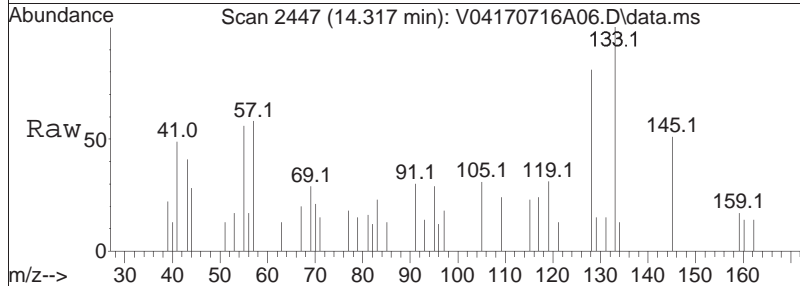
Tgt Ion	Ratio	Lower	Upper
119	100		
134	46.8	31.6	65.6
91	20.1	9.8	20.3





#110
 Naphthalene
 Concen: 0.32 ug/L
 RT: 14.317 min Scan# 2447
 Delta R.T. 0.011 min
 Lab File: V04170716A06.D
 Acq: 16 Jul 2017 10:10

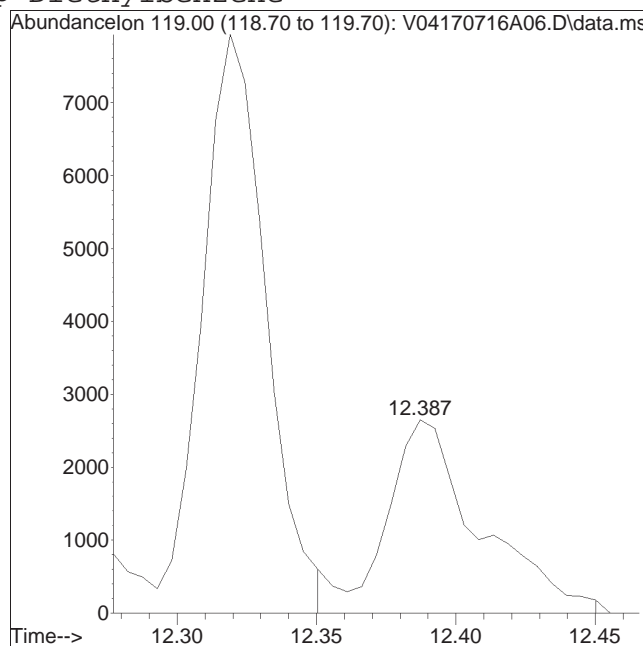
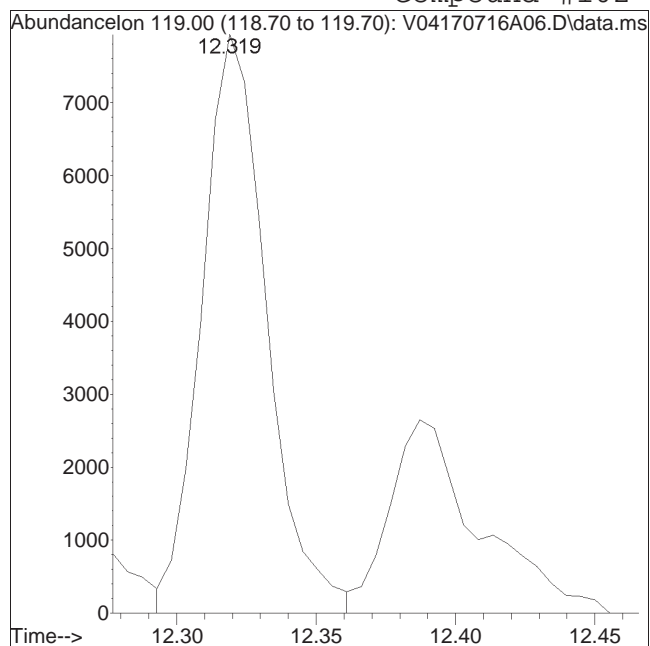
Tgt Ion:128 Resp: 2518



Manual Integration Report

Data Path : I:\VOLATILES\VOA104\2017\1QMethod : V104_170517_8260.m
Data File : V04170716A06.D Operator : VOA104:MV
Date Inj'd : 7/16/2017 10:10 Instrument : VOA 104
Sample : 11723686-02,31,9.6,5,,c Quant Date : 7/17/2017 6:33 am

Compound #102: p-Diethylbenzene



Original Peak Response = 12805

Manual Peak Response = 6097 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA104\2017\170716A\
 Data File : V04170716A20.D
 Acq On : 16 Jul 2017 16:17
 Operator : VOA104:MV
 Sample : 11723686-01D,31H,4.9,5,0.025,,a
 Misc : WG1023156,ICAL13672
 ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jul 17 11:13:22 2017
 Quant Method : I:\VOLATILES\VOA104\2017\170716A\V104_170517_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 18 06:45:13 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA104\2017\170716A\V04170716A01.D
 Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Fluorobenzene	5.917	96	156580	20.000	ug/L	0.00
Standard Area 1 = 169470			Recovery =	92.39%		
59) Chlorobenzene-d5	9.440	117	119061	20.000	ug/L	0.00
Standard Area 1 = 130956			Recovery =	90.92%		
79) 1,4-Dichlorobenzene-d4	12.162	152	59005	20.000	ug/L	0.00
Standard Area 1 = 64627			Recovery =	91.30%		
System Monitoring Compounds						
36) Dibromofluoromethane	5.125	113	43730	19.846	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery =	99.23%		
43) 1,2-Dichloroethane-d4	5.644	65	46711	23.134	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery =	115.67%		
60) Toluene-d8	7.600	98	155147	22.401	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery =	112.01%		
83) 4-Bromofluorobenzene	10.945	95	65666	25.333	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery =	126.66%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	0.000		0		N.D.	
3) Chloromethane	0.000		0		N.D. d	
4) Vinyl chloride	0.000		0		N.D.	
5) Bromomethane	2.184	94	781	0.106	ug/L #	32
6) Chloroethane	0.000		0		N.D.	
7) Trichlorofluoromethane	0.000		0		N.D.	
8) Ethyl ether	0.000		0		N.D.	
10) 1,1-Dichloroethene	0.000		0		N.D.	
11) Carbon disulfide	2.923	76	10533	1.143	ug/L	98
15) Methylene chloride	3.448	84	599	0.229	ug/L #	1
17) Acetone	0.000		0		N.D. d	
18) trans-1,2-Dichloroethene	0.000		0		N.D.	
20) Methyl tert-butyl ether	0.000		0		N.D.	
23) 1,1-Dichloroethane	4.229	63	206		N.D.	
25) Acrylonitrile	0.000		0		N.D. d	
27) Vinyl acetate	0.000		0		N.D. d	
28) cis-1,2-Dichloroethene	0.000		0		N.D.	
29) 2,2-Dichloropropane	4.711	77	206		N.D.	
30) Bromochloromethane	0.000		0		N.D.	
32) Chloroform	4.947	83	1091	0.254	ug/L #	1

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA104\2017\170716A\
 Data File : V04170716A20.D
 Acq On : 16 Jul 2017 16:17
 Operator : VOA104:MV
 Sample : 11723686-01D,31H,4.9,5,0.025,,a
 Misc : WG1023156,ICAL13672
 ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jul 17 11:13:22 2017
 Quant Method : I:\VOLATILES\VOA104\2017\170716A\V104_170517_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 18 06:45:13 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA104\2017\170716A\V04170716A01.D
 Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Carbon tetrachloride	0.000		0		N.D.	
37) 1,1,1-Trichloroethane	5.241	97	120		N.D.	
39) 2-Butanone	0.000		0		N.D. d	
40) 1,1-Dichloropropene	0.000		0		N.D.	
41) Benzene	0.000		0		N.D. d	
44) 1,2-Dichloroethane	0.000		0		N.D.	
48) Trichloroethene	0.000		0		N.D. d	
50) Dibromomethane	0.000		0		N.D. d	
51) 1,2-Dichloropropane	0.000		0		N.D. d	
54) Bromodichloromethane	0.000		0		N.D. d	
57) 1,4-Dioxane	0.000		0		N.D.	
58) cis-1,3-Dichloropropene	0.000		0		N.D.	
61) Toluene	7.658	92	1759	0.340	ug/L #	68
62) 4-Methyl-2-pentanone	0.000		0		N.D. d	
63) Tetrachloroethene	0.000		0		N.D.	
65) trans-1,3-Dichloropropene	0.000		0		N.D.	
68) 1,1,2-Trichloroethane	0.000		0		N.D. d	
69) Chlorodibromomethane	0.000		0		N.D.	
70) 1,3-Dichloropropane	0.000		0		N.D.	
71) 1,2-Dibromoethane	0.000		0		N.D.	
72) 2-Hexanone	0.000		0		N.D. d	
73) Chlorobenzene	0.000		0		N.D. d	
74) Ethylbenzene	9.493	91	245228	24.651	ug/L	100
75) 1,1,1,2-Tetrachloroethane	0.000		0		N.D.	
76) p/m Xylene	9.676	106	310783	77.147	ug/L	98
77) o Xylene	10.227	106	89763	23.376	ug/L	98
78) Styrene	0.000		0		N.D. d	
80) Bromoform	0.000		0		N.D.	
82) Isopropylbenzene	10.610	105	46848	4.809	ug/L	98
84) Bromobenzene	0.000		0		N.D.	
85) n-Propylbenzene	11.097	91	186385	17.243	ug/L	100
87) 1,1,2,2-Tetrachloroethane	0.000		0		N.D. d	
88) 4-Ethyltoluene	11.207	105	677302	72.150	ug/L	100
89) 2-Chlorotoluene	0.000		0		N.D. d	
90) 1,3,5-Trimethylbenzene	11.323	105	207064	25.381	ug/L	98
91) 1,2,3-Trichloropropane	0.000		0		N.D. d	
92) trans-1,4-Dichloro-2-b...	0.000		0		N.D. d	
93) 4-Chlorotoluene	0.000		0		N.D. d	
94) tert-Butylbenzene	0.000		0		N.D. d	

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA104\2017\170716A\
 Data File : V04170716A20.D
 Acq On : 16 Jul 2017 16:17
 Operator : VOA104:MV
 Sample : 11723686-01D,31H,4.9,5,0.025,,a
 Misc : WG1023156,ICAL13672
 ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jul 17 11:13:22 2017
 Quant Method : I:\VOLATILES\VOA104\2017\170716A\V104_170517_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 18 06:45:13 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA104\2017\170716A\V04170716A01.D
 Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97) 1,2,4-Trimethylbenzene	11.742	105	663139	81.356	ug/L	98
98) sec-Butylbenzene	11.857	105	26461	2.598	ug/L #	69
99) p-Isopropyltoluene	12.009	119	15190	1.733	ug/L	95
100) 1,3-Dichlorobenzene	12.088	146	263	N.D.		
101) 1,4-Dichlorobenzene	12.177	146	1378	0.275	ug/L #	49
102) p-Diethylbenzene	12.413	119	170621	33.219	ug/L	88
103) n-Butylbenzene	12.445	91	44019	5.760	ug/L #	79
104) 1,2-Dichlorobenzene	12.607	146	1293	0.283	ug/L #	1
105) 1,2,4,5-Tetramethylben...	13.179	119	75360	8.962	ug/L	94
106) 1,2-Dibromo-3-chloropr...	0.000		0	N.D.	d	
108) Hexachlorobutadiene	0.000		0	N.D.		
109) 1,2,4-Trichlorobenzene	14.028	180	161	N.D.		
110) Naphthalene	14.311	128	30294	4.175	ug/L	100
111) 1,2,3-Trichlorobenzene	0.000		0	N.D.		

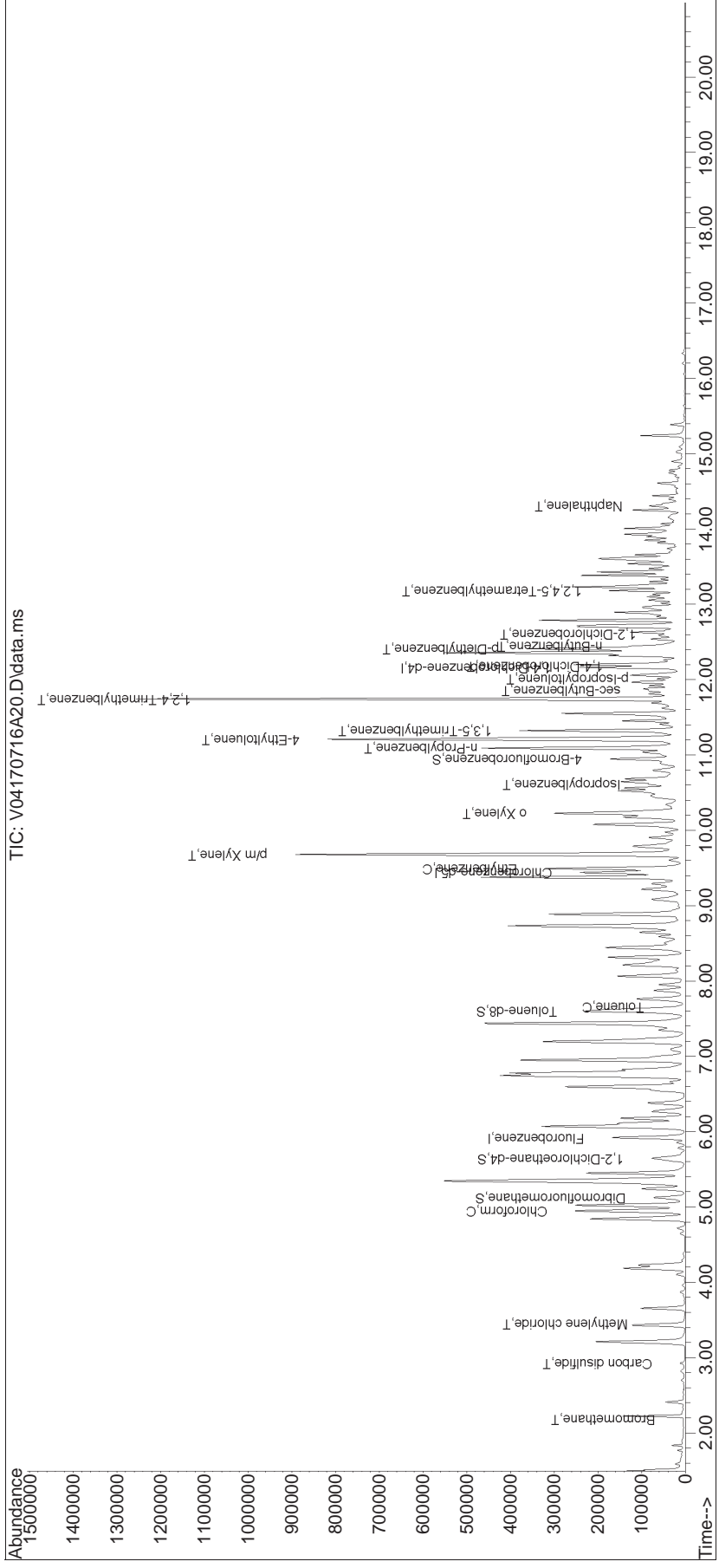
(#) = qualifier out of range (m) = manual integration (+) = signals summed

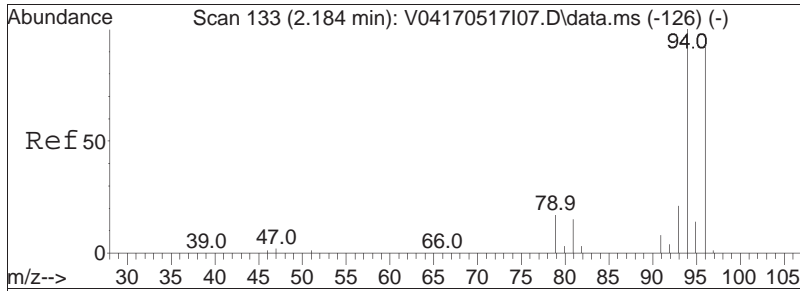
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA104\2017\170716A\
Data File : V04170716A20.D
Acq On : 16 Jul 2017 16:17
Operator : VOA104:MV
Sample : 11723686-01D,31H,4.9,5,0.025,,a
Misc : WG1023156,ICAL13672
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jul 17 11:13:22 2017
Quant Method : I:\VOLATILES\VOA104\2017\170716A\VOA104_170517_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu May 18 06:45:13 2017
Response via : Initial Calibration

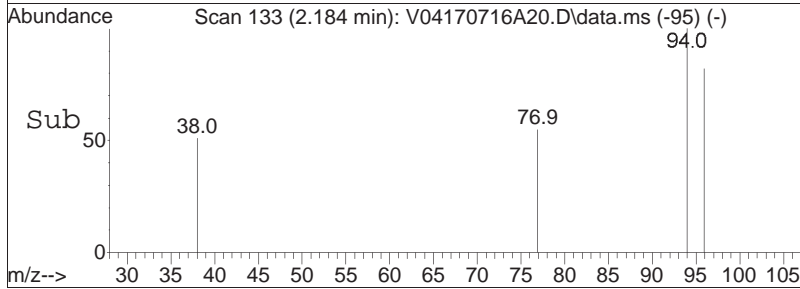
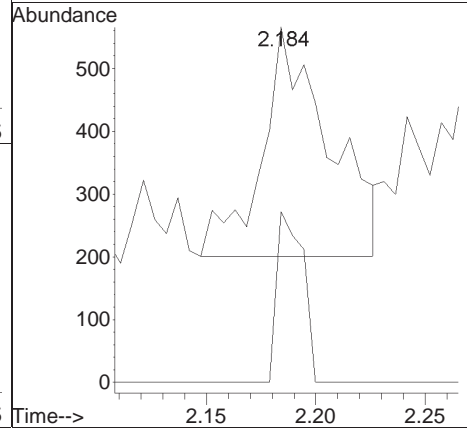
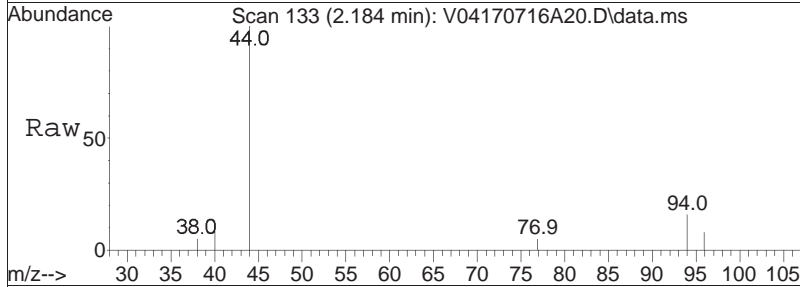
Sub List : 8260-NYTCL - Megamix plus Diox70716A\V04170716A01.D•

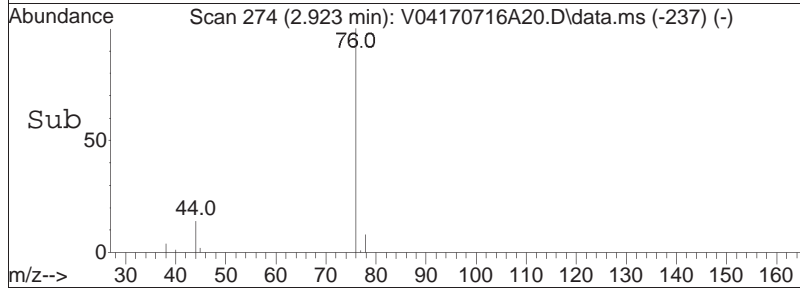
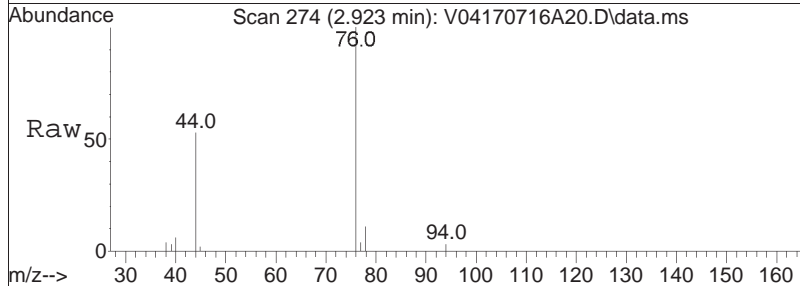
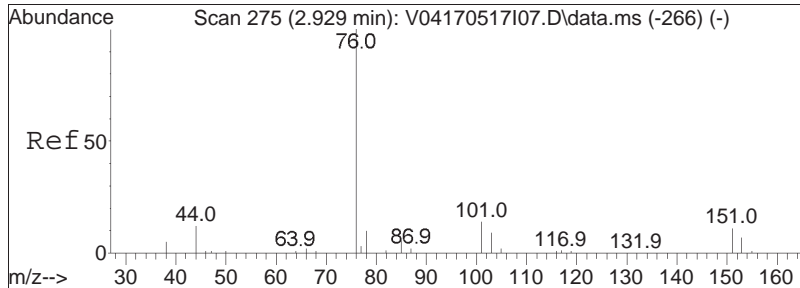




#5
 Bromomethane
 Concen: 0.11 ug/L
 RT: 2.184 min Scan# 133
 Delta R.T. 0.000 min
 Lab File: V04170716A20.D
 Acq: 16 Jul 2017 16:17

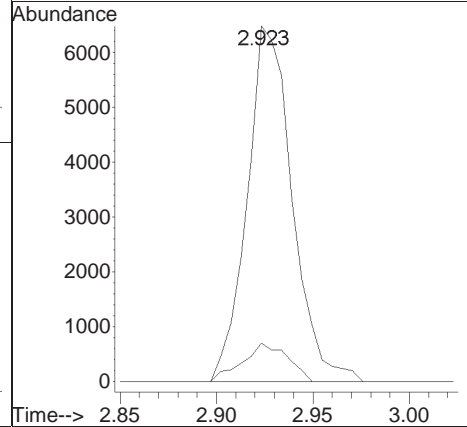
Tgt Ion: 94 Resp: 781
 Ion Ratio Lower Upper
 94 100
 96 28.9 74.7 114.7#

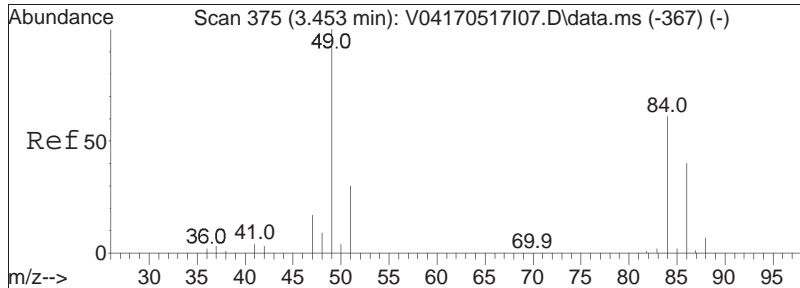




#11
 Carbon disulfide
 Concen: 1.14 ug/L
 RT: 2.923 min Scan# 274
 Delta R.T. -0.006 min
 Lab File: V04170716A20.D
 Acq: 16 Jul 2017 16:17

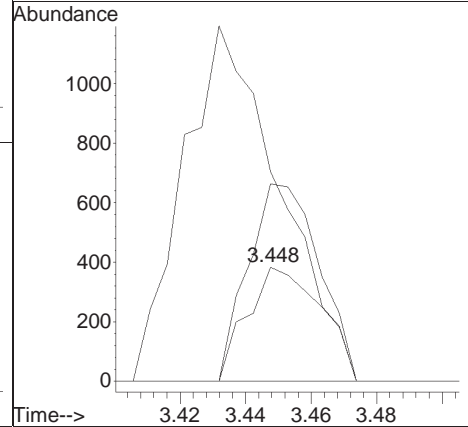
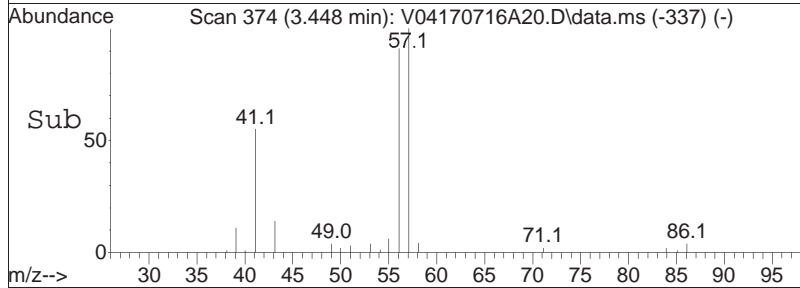
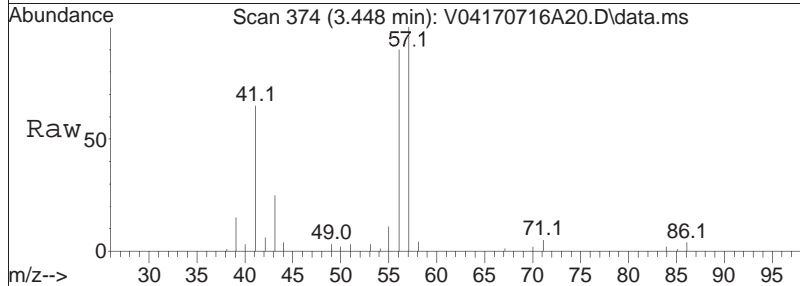
Tgt Ion:	76	78	Resp:	10533
Ion Ratio	100	10.7	Lower	Upper
			6.5	13.5

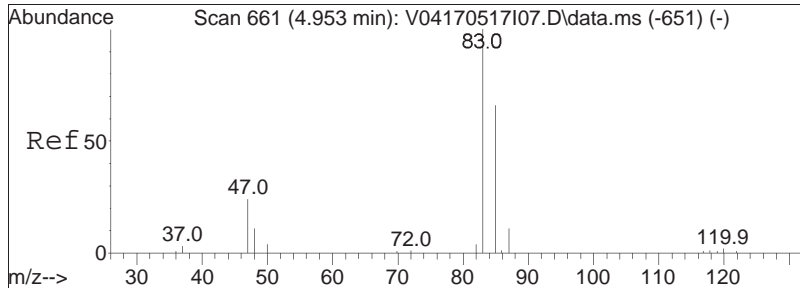




#15
 Methylene chloride
 Concen: 0.23 ug/L
 RT: 3.448 min Scan# 374
 Delta R.T. -0.005 min
 Lab File: V04170716A20.D
 Acq: 16 Jul 2017 16:17

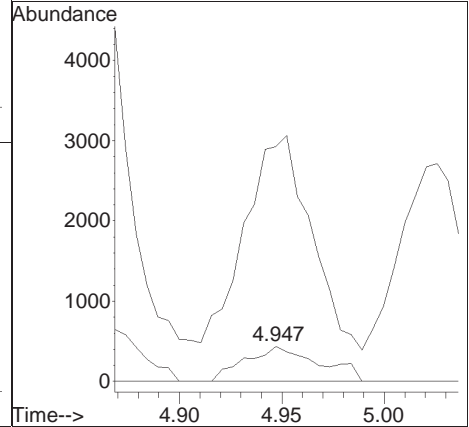
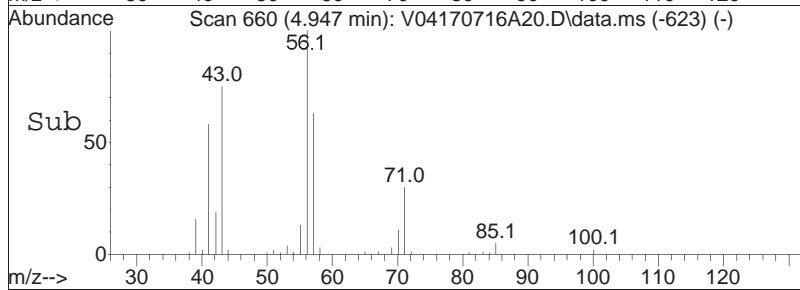
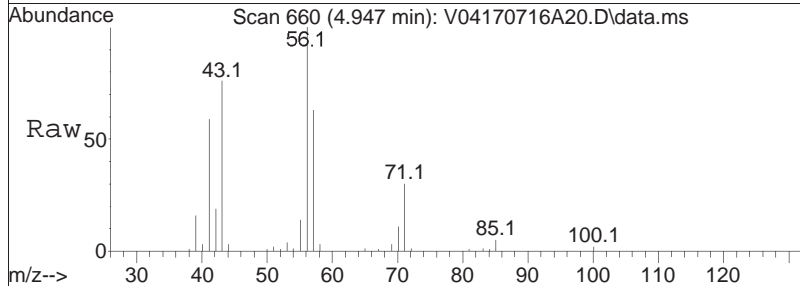
Tgt Ion:	Resp:		
84	100		
86	405.5	41.3	85.9#
49	166.4	109.1	226.7

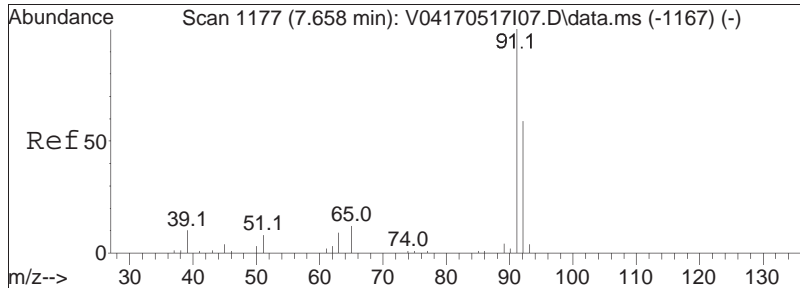




#32
 Chloroform
 Concen: 0.25 ug/L
 RT: 4.947 min Scan# 660
 Delta R.T. -0.006 min
 Lab File: V04170716A20.D
 Acq: 16 Jul 2017 16:17

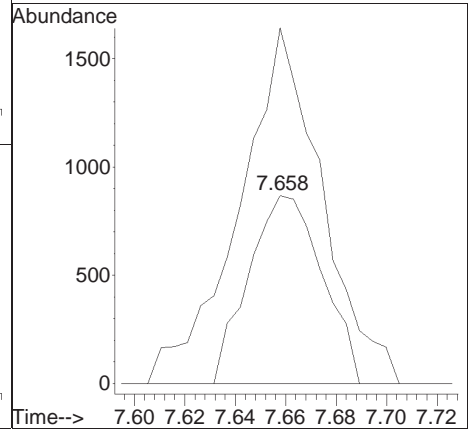
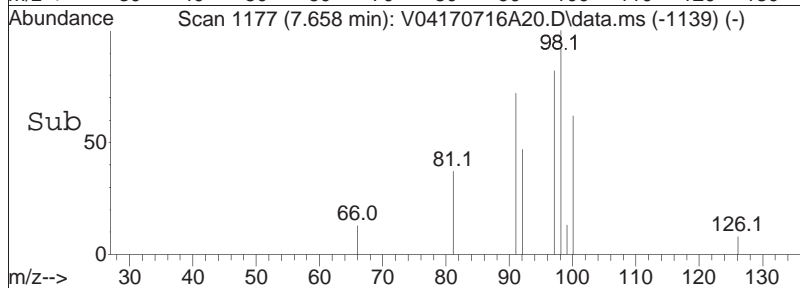
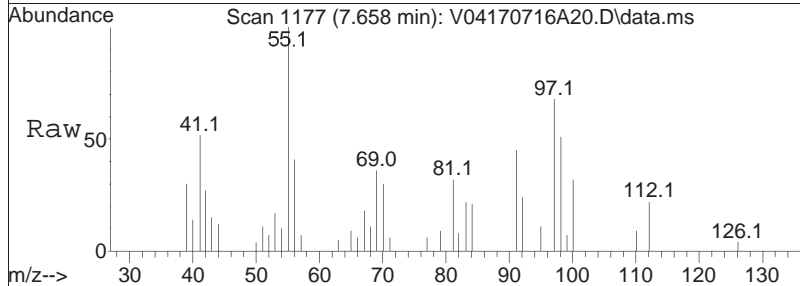
Tgt Ion	Resp	Lower	Upper
83	1091		
85	712.9	42.1	87.3#
47	0.0	18.5	38.3#
48	0.0	8.6	18.0#

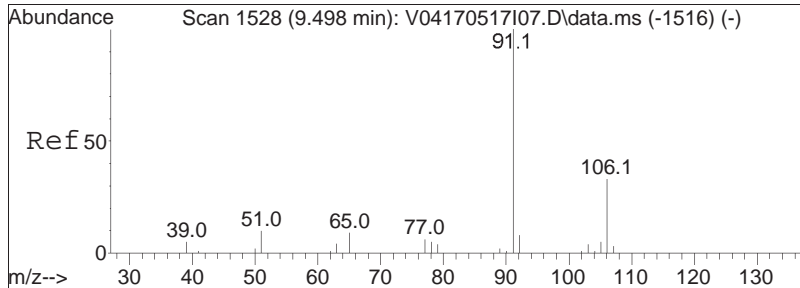




#61
 Toluene
 Concen: 0.34 ug/L
 RT: 7.658 min Scan# 1177
 Delta R.T. -0.000 min
 Lab File: V04170716A20.D
 Acq: 16 Jul 2017 16:17

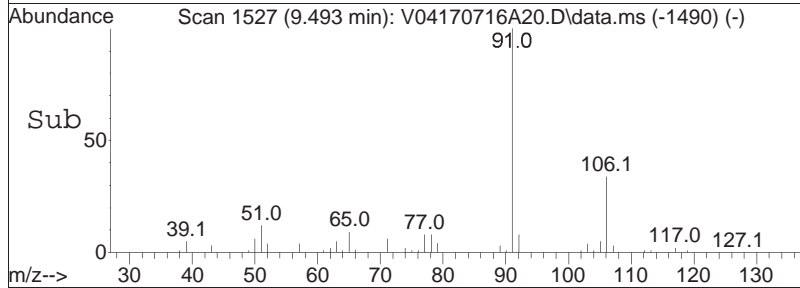
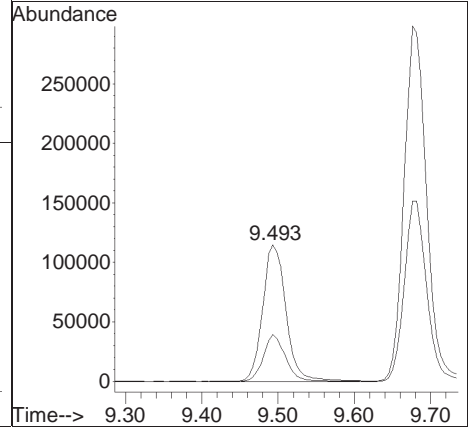
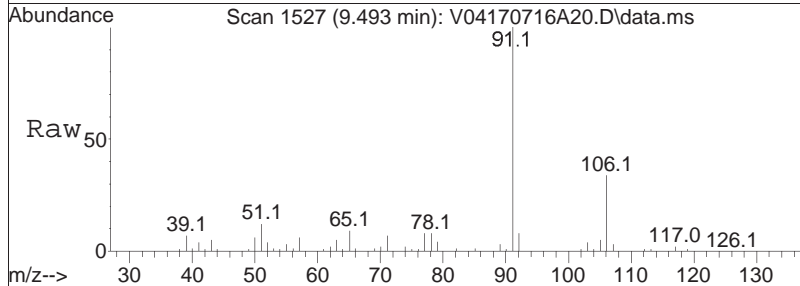
Tgt Ion:	Resp:	Lower	Upper
92	1759		
91	213.3	135.4	203.2#

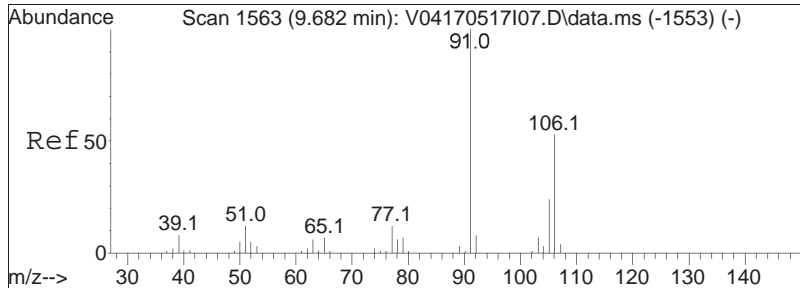




#74
 Ethylbenzene
 Concen: 24.65 ug/L
 RT: 9.493 min Scan# 1527
 Delta R.T. -0.005 min
 Lab File: V04170716A20.D
 Acq: 16 Jul 2017 16:17

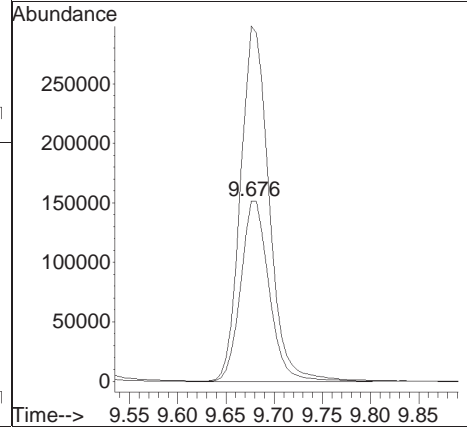
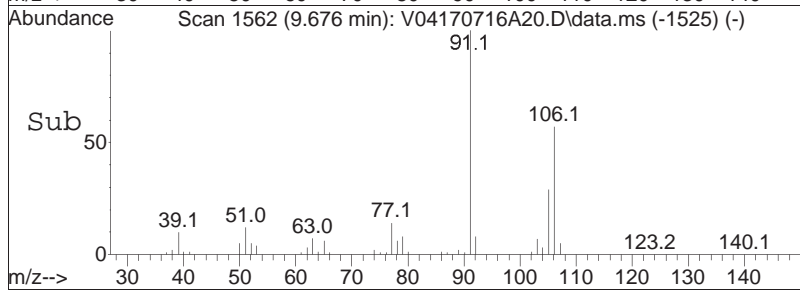
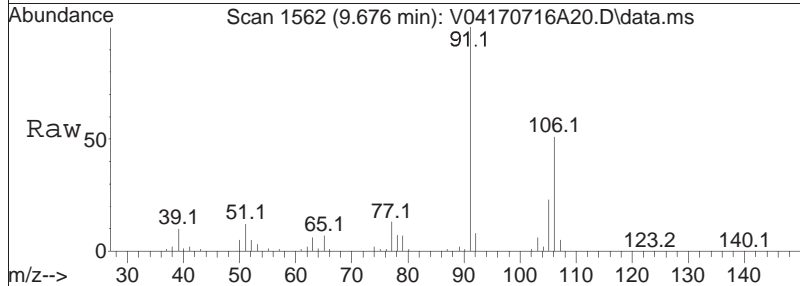
Tgt Ion:	91	Resp:	245228
Ion Ratio	Lower	Upper	
91	100		
106	32.4	25.8	38.8

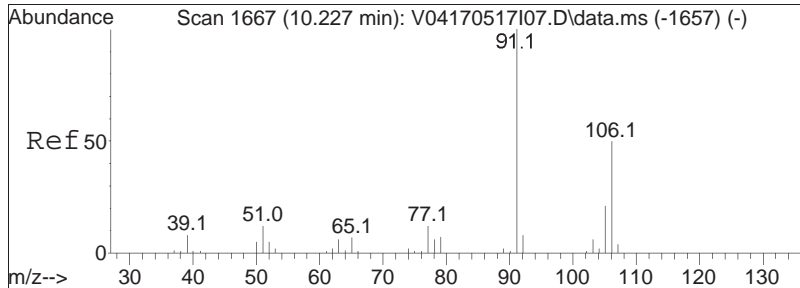




#76
 p/m Xylene
 Concen: 77.15 ug/L
 RT: 9.676 min Scan# 1562
 Delta R.T. -0.006 min
 Lab File: V04170716A20.D
 Acq: 16 Jul 2017 16:17

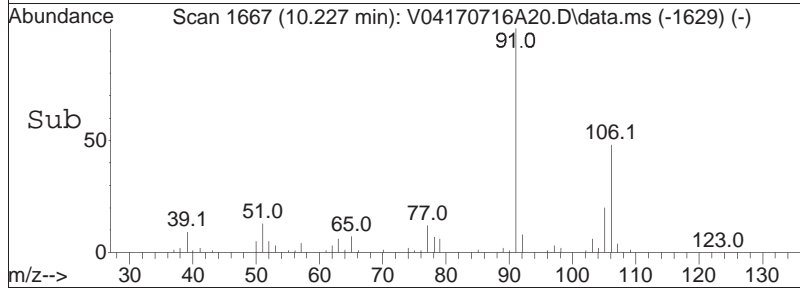
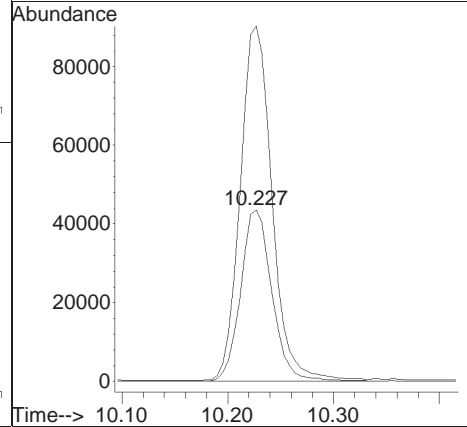
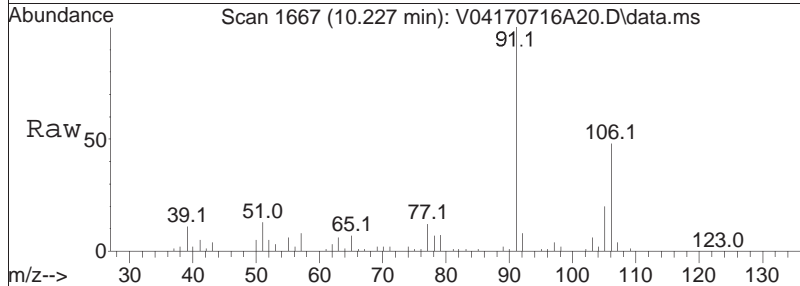
Tgt Ion	Resp	Lower	Upper
106	100		
91	197.2	155.4	233.0

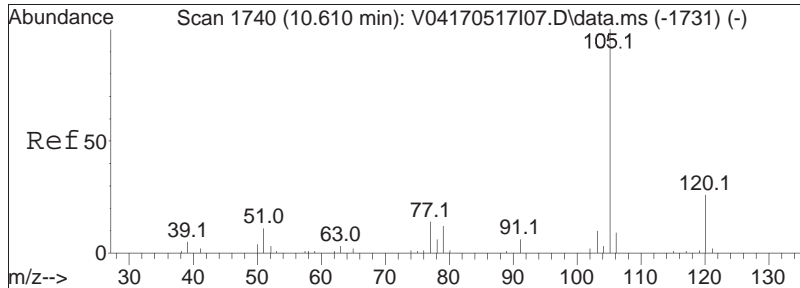




#77
 o Xylene
 Concen: 23.38 ug/L
 RT: 10.227 min Scan# 1667
 Delta R.T. -0.000 min
 Lab File: V04170716A20.D
 Acq: 16 Jul 2017 16:17

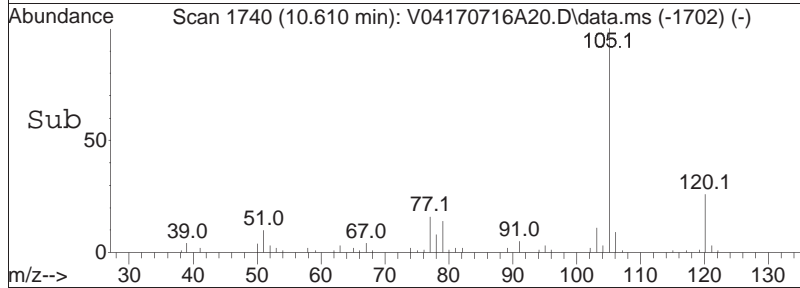
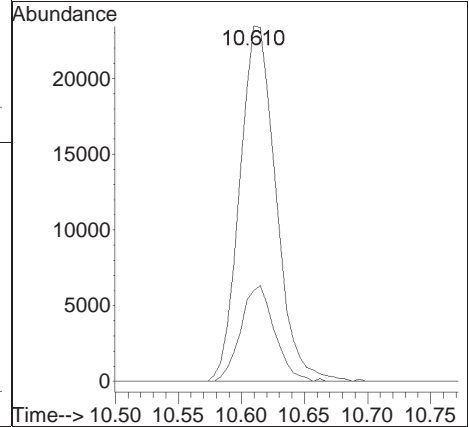
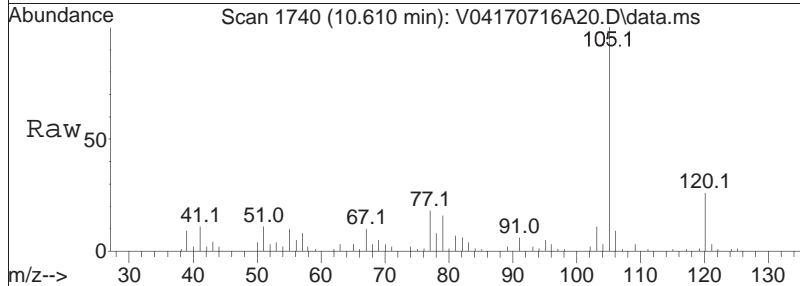
Tgt Ion	Resp	Lower	Upper
106	100		
91	209.7	164.9	247.3

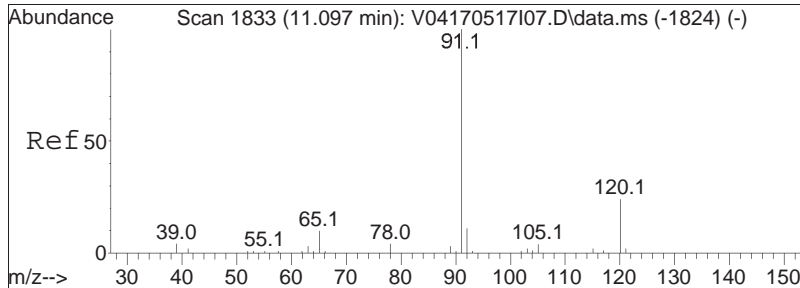




#82
 Isopropylbenzene
 Concen: 4.81 ug/L
 RT: 10.610 min Scan# 1740
 Delta R.T. -0.000 min
 Lab File: V04170716A20.D
 Acq: 16 Jul 2017 16:17

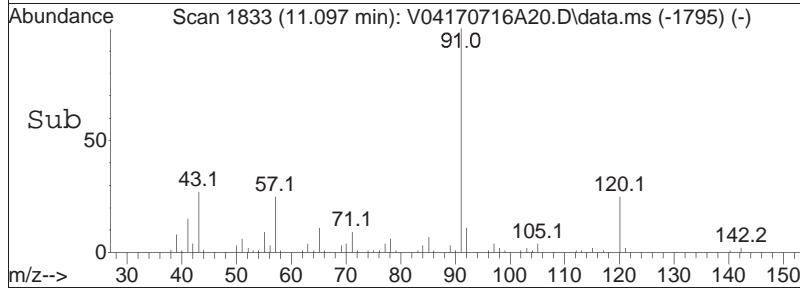
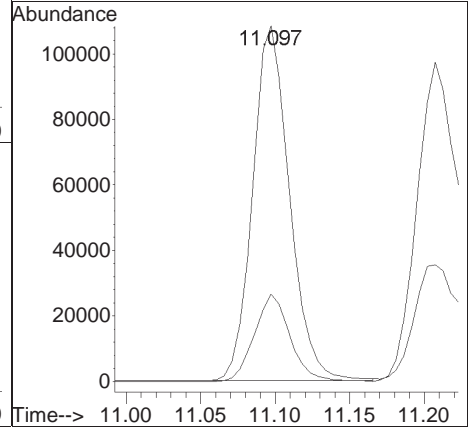
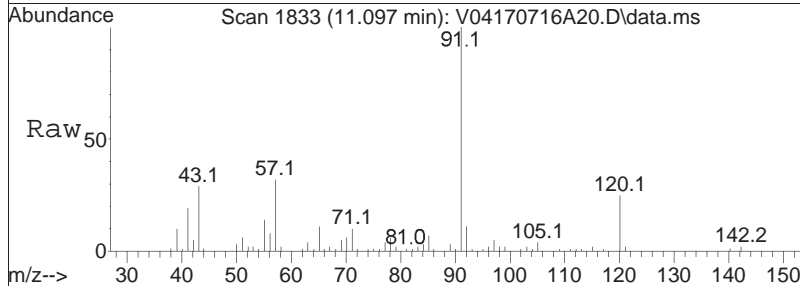
Tgt Ion:	105	Resp:	46848
Ion Ratio	Lower	Upper	
105	100		
120	25.2	6.3	46.3

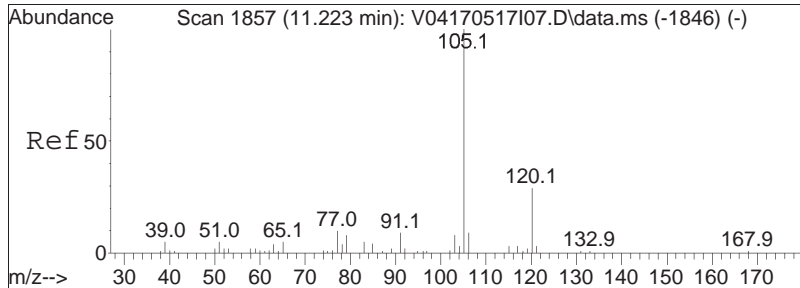




#85
 n-Propylbenzene
 Concen: 17.24 ug/L
 RT: 11.097 min Scan# 1833
 Delta R.T. 0.000 min
 Lab File: V04170716A20.D
 Acq: 16 Jul 2017 16:17

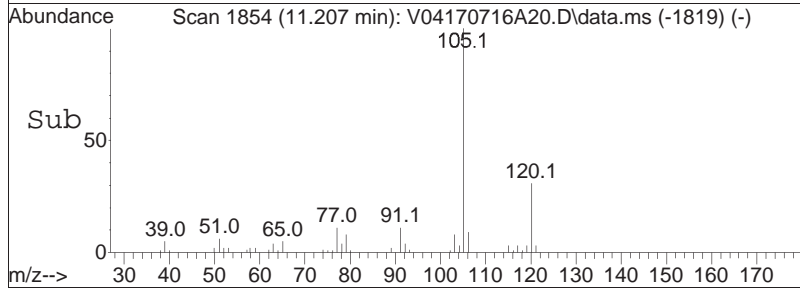
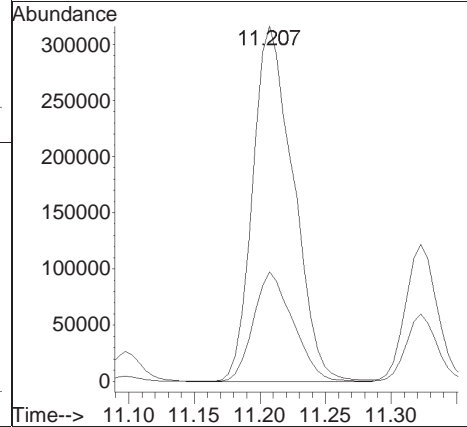
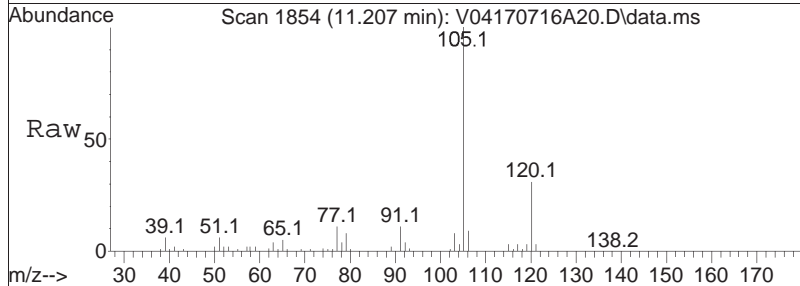
Tgt Ion: 91 Resp: 186385
 Ion Ratio Lower Upper
 91 100
 120 23.7 19.1 28.7

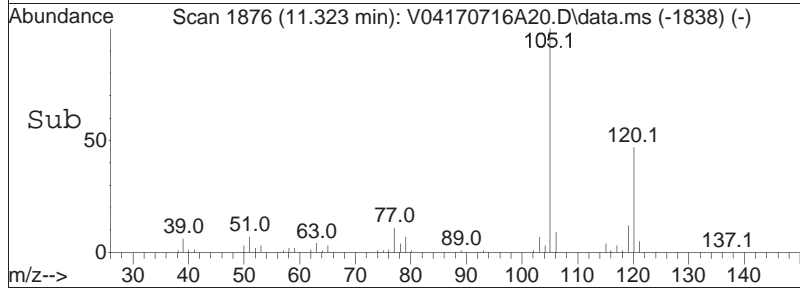
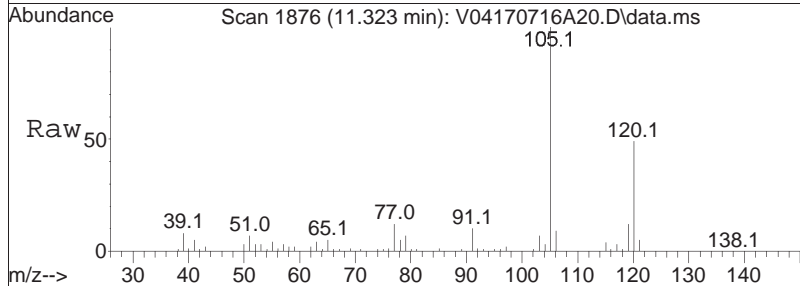
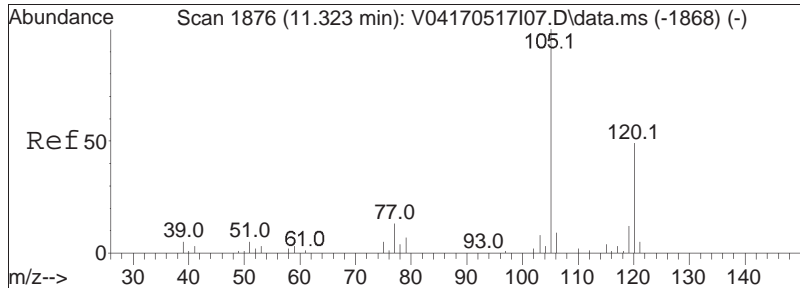




#88
 4-Ethyltoluene
 Concen: 72.15 ug/L
 RT: 11.207 min Scan# 1854
 Delta R.T. -0.016 min
 Lab File: V04170716A20.D
 Acq: 16 Jul 2017 16:17

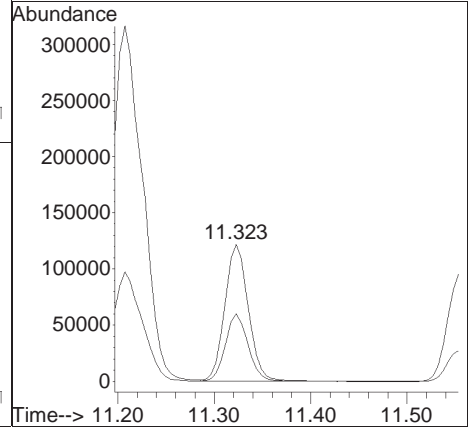
Tgt Ion	Ratio	Lower	Upper
105	100		
120	30.0	19.5	40.5

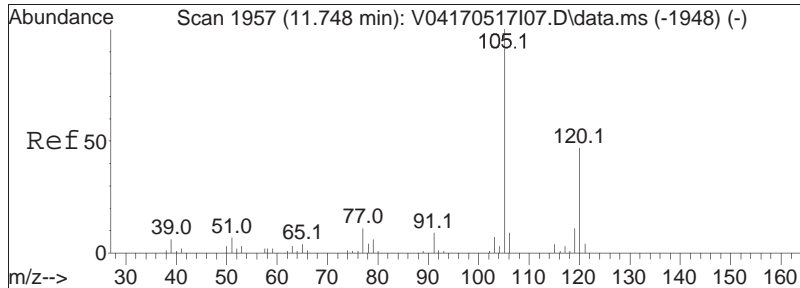




#90
 1,3,5-Trimethylbenzene
 Concen: 25.38 ug/L
 RT: 11.323 min Scan# 1876
 Delta R.T. -0.000 min
 Lab File: V04170716A20.D
 Acq: 16 Jul 2017 16:17

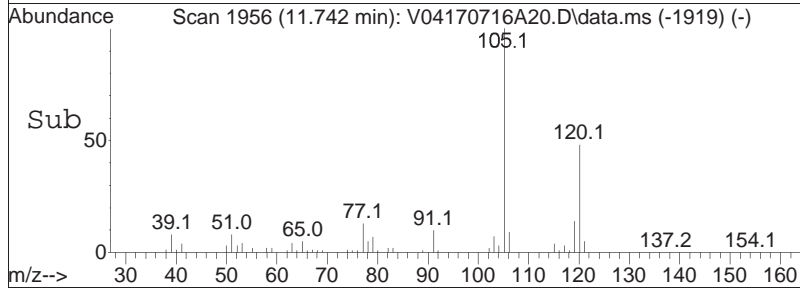
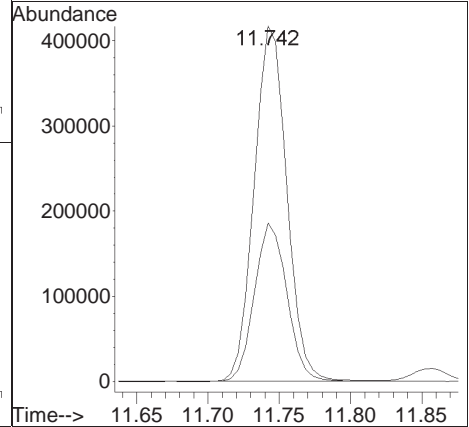
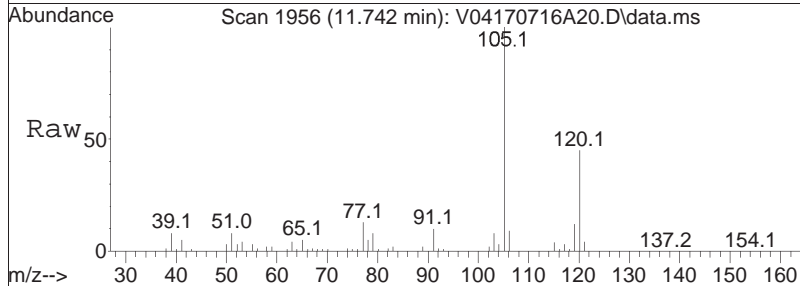
Tgt Ion	Resp	Lower	Upper
105	100		
120	47.3	38.9	58.3

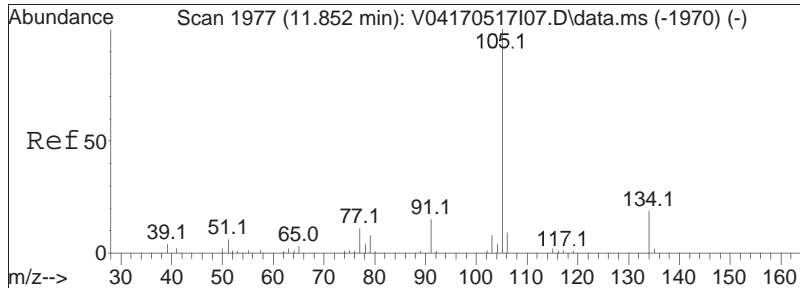




#97
 1,2,4-Trimethylbenzene
 Concen: 81.36 ug/L
 RT: 11.742 min Scan# 1956
 Delta R.T. -0.006 min
 Lab File: V04170716A20.D
 Acq: 16 Jul 2017 16:17

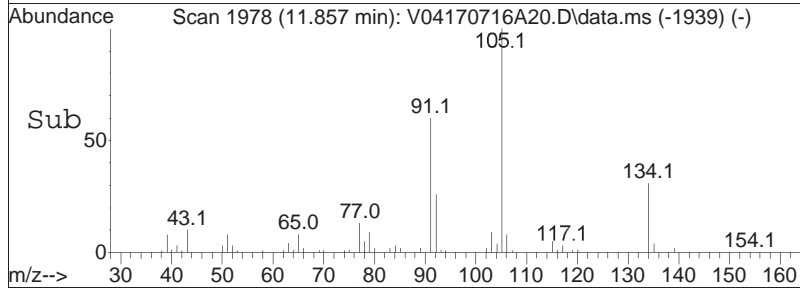
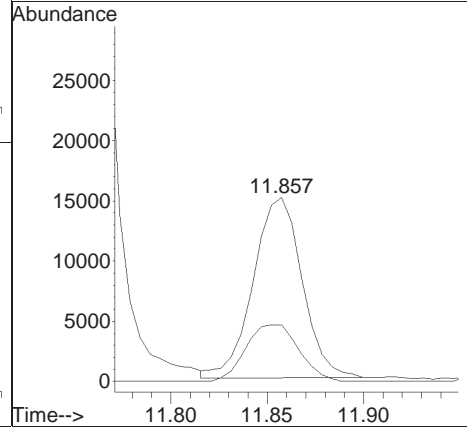
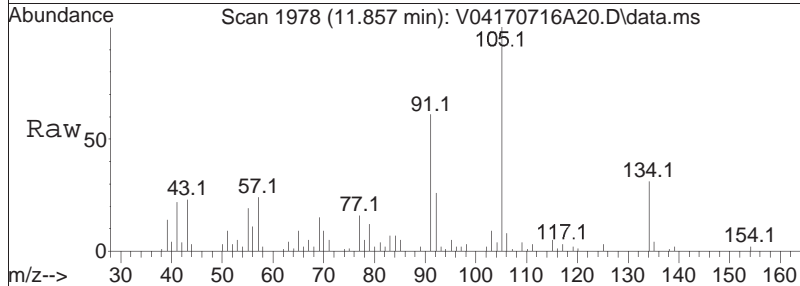
Tgt Ion	Resp	Lower	Upper
105	100		
120	44.5	36.8	55.2

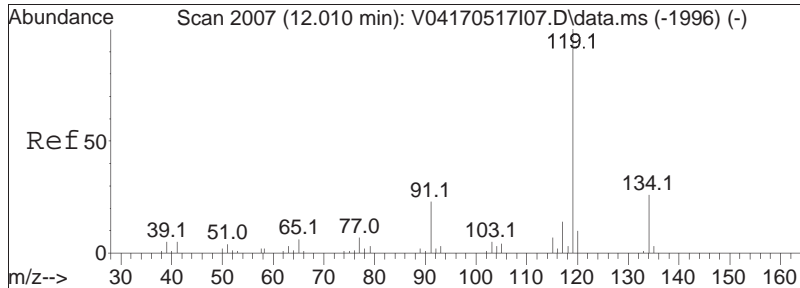




#98
 sec-Butylbenzene
 Concen: 2.60 ug/L
 RT: 11.857 min Scan# 1978
 Delta R.T. 0.005 min
 Lab File: V04170716A20.D
 Acq: 16 Jul 2017 16:17

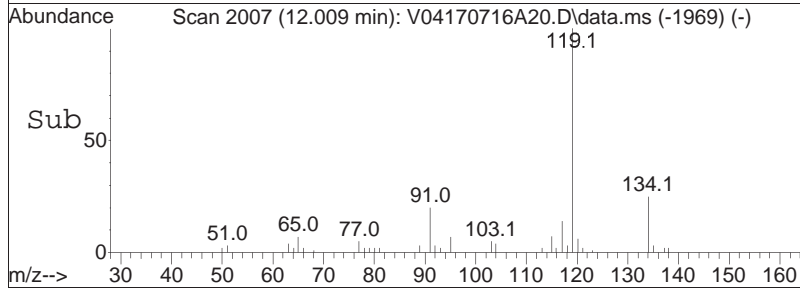
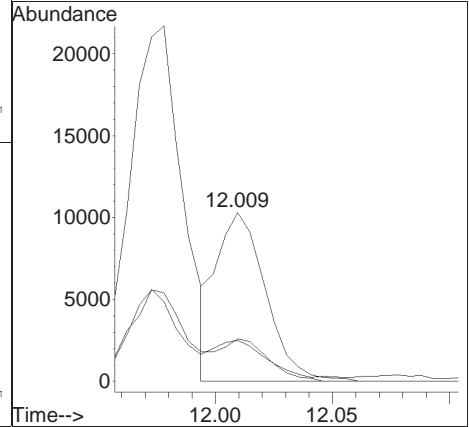
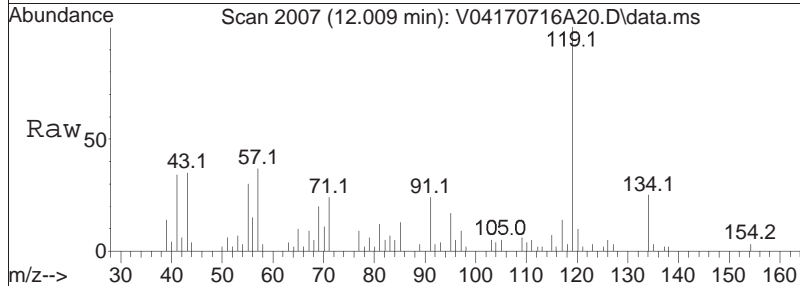
Tgt Ion:	105	Resp:	26461
Ion Ratio	Lower	Upper	
105	100		
134	34.1	12.9	26.9#

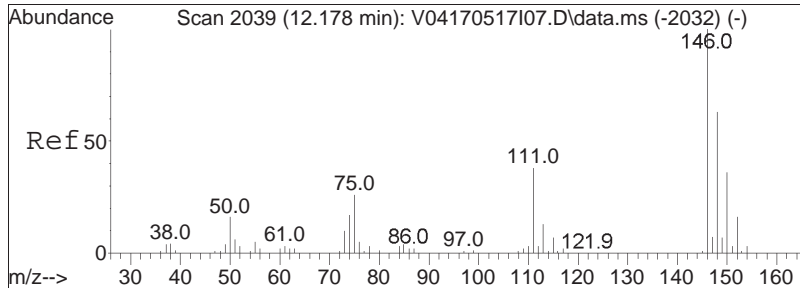




#99
 p-Isopropyltoluene
 Concen: 1.73 ug/L
 RT: 12.009 min Scan# 2007
 Delta R.T. -0.001 min
 Lab File: V04170716A20.D
 Acq: 16 Jul 2017 16:17

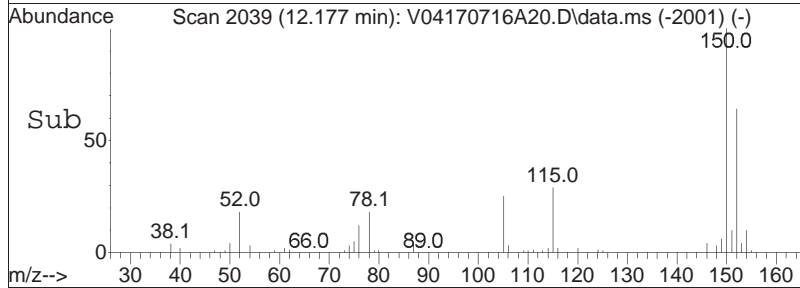
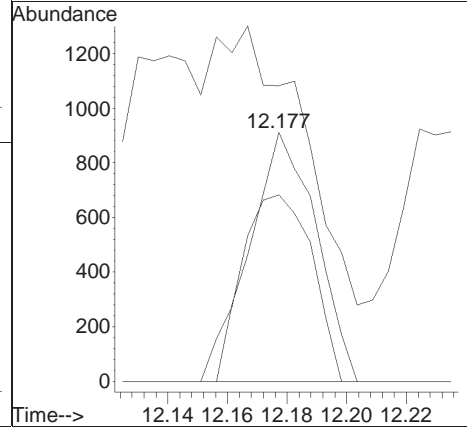
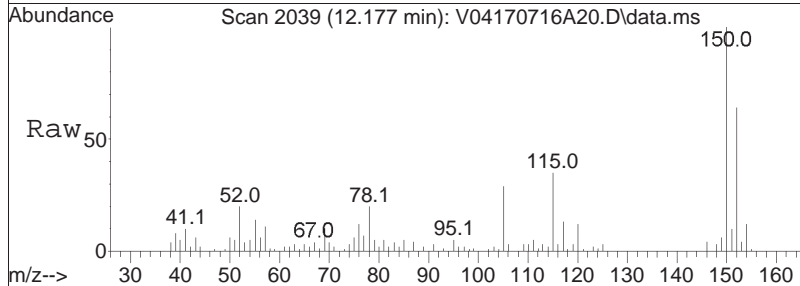
Tgt Ion	Resp	Lower	Upper
119	100		
134	22.5	17.2	35.8
91	23.1	14.4	30.0

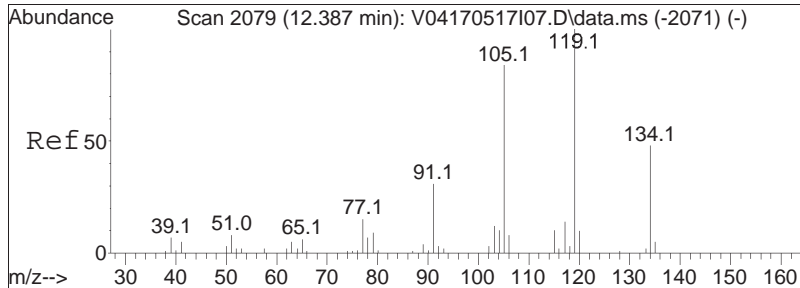




#101
 1,4-Dichlorobenzene
 Concen: 0.28 ug/L
 RT: 12.177 min Scan# 2039
 Delta R.T. -0.001 min
 Lab File: V04170716A20.D
 Acq: 16 Jul 2017 16:17

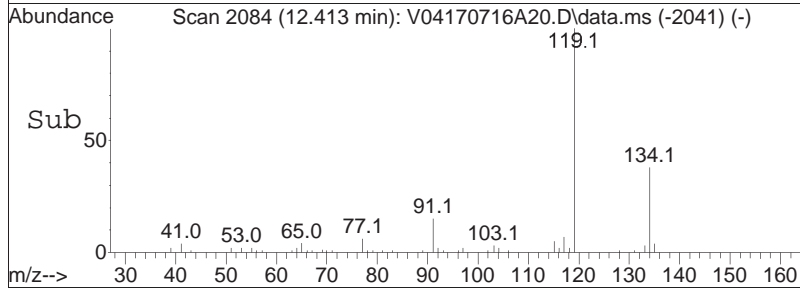
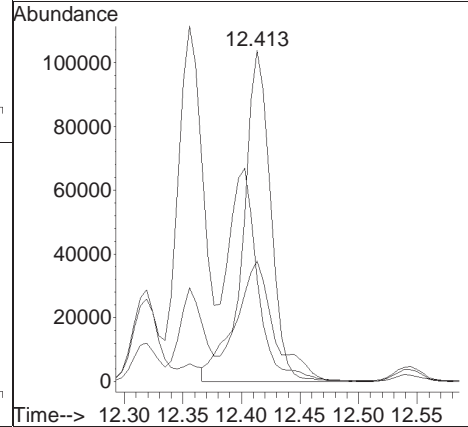
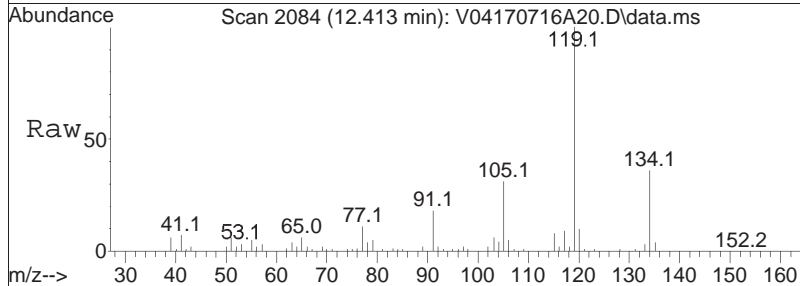
Tgt Ion	Ratio	Lower	Upper
146	100		
111	93.8	30.6	45.8#
148	83.8	51.0	76.4#

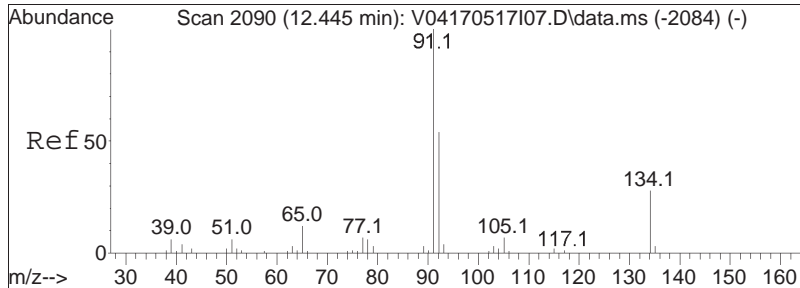




#102
 p-Diethylbenzene
 Concen: 33.22 ug/L
 RT: 12.413 min Scan# 2084
 Delta R.T. 0.026 min
 Lab File: V04170716A20.D
 Acq: 16 Jul 2017 16:17

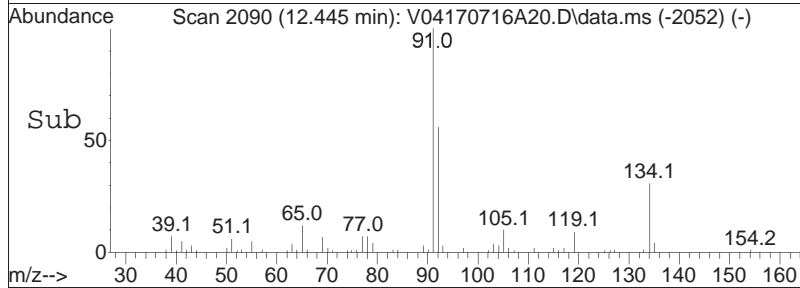
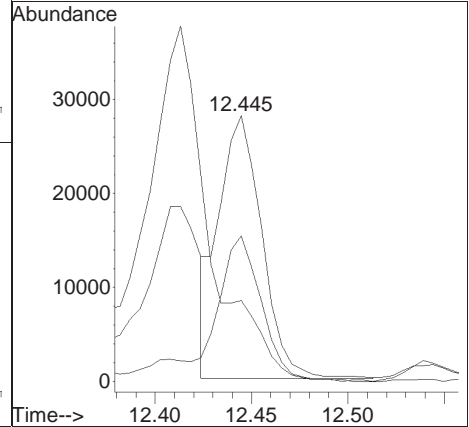
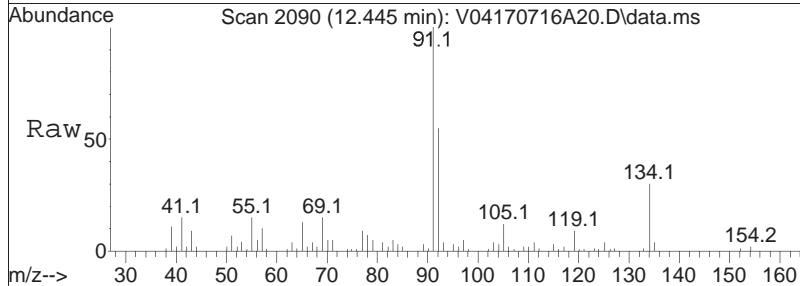
Tgt Ion	Resp	Lower	Upper
119	100		
105	69.0	55.3	114.8
134	48.7	30.7	63.9

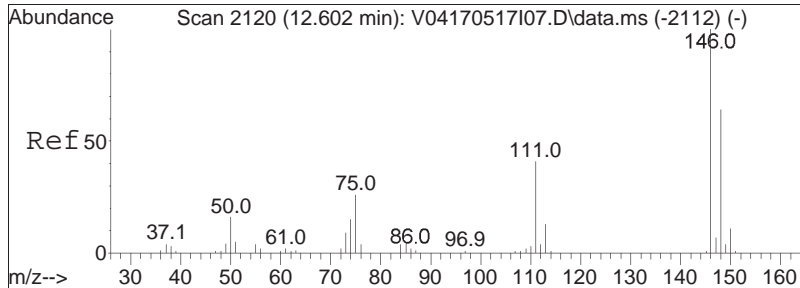




#103
 n-Butylbenzene
 Concen: 5.76 ug/L
 RT: 12.445 min Scan# 2090
 Delta R.T. -0.000 min
 Lab File: V04170716A20.D
 Acq: 16 Jul 2017 16:17

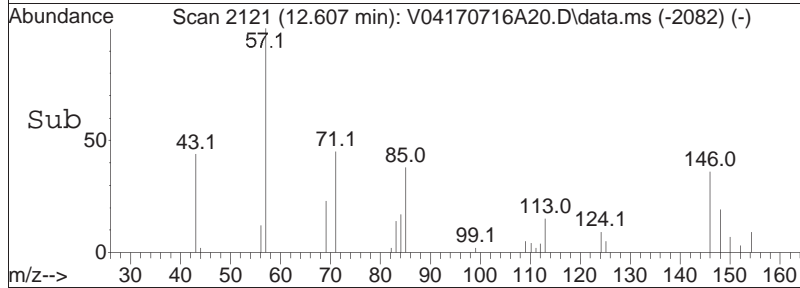
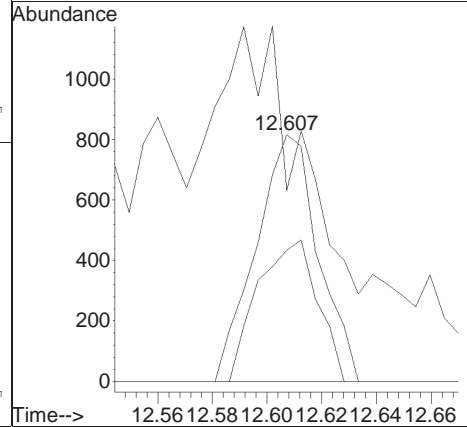
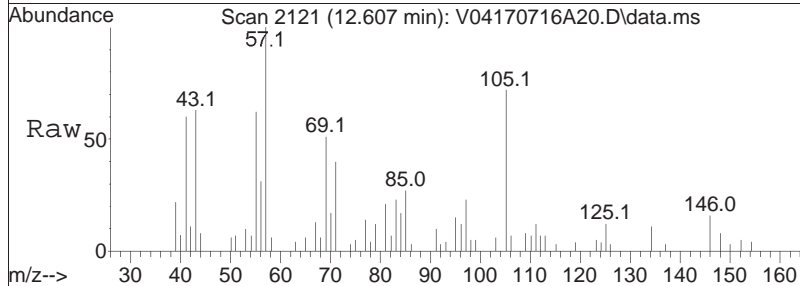
Tgt Ion	Resp	Lower	Upper
91	44019		
92	54.0	45.0	67.4
134	0.0	23.4	35.0#

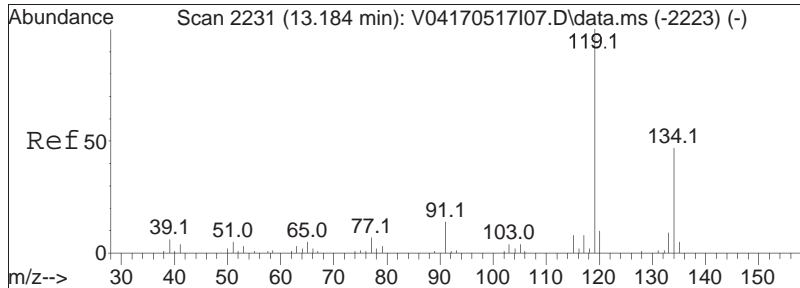




#104
 1,2-Dichlorobenzene
 Concen: 0.28 ug/L
 RT: 12.607 min Scan# 2121
 Delta R.T. 0.005 min
 Lab File: V04170716A20.D
 Acq: 16 Jul 2017 16:17

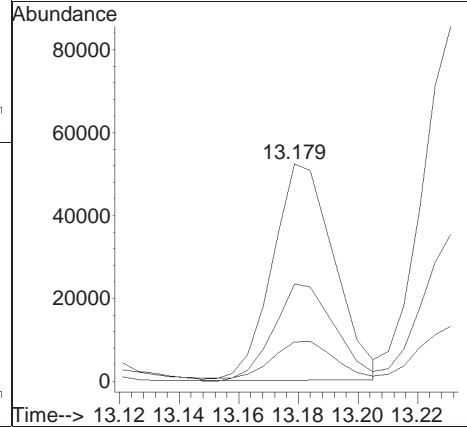
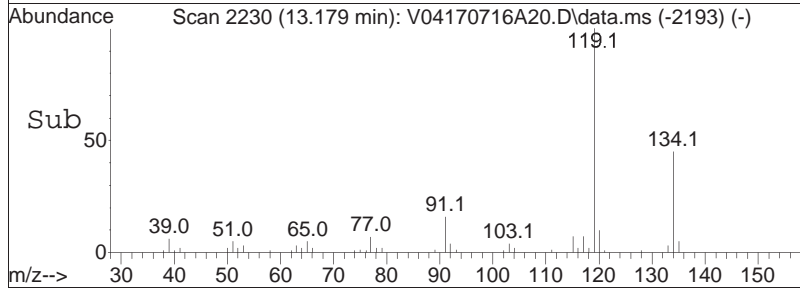
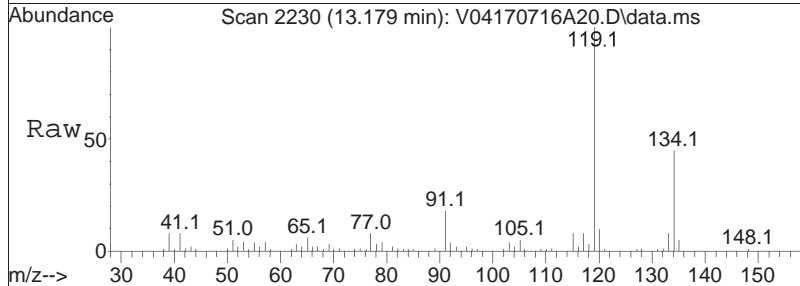
Tgt Ion	Ratio	Lower	Upper
146	100		
111	271.8	25.9	53.7#
148	54.8	41.5	86.1

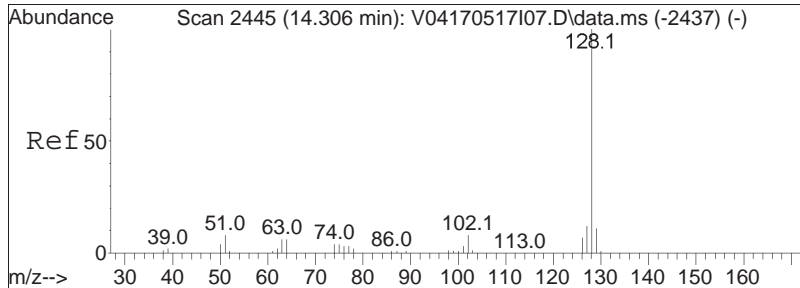




#105
 1,2,4,5-Tetramethylbenzene
 Concen: 8.96 ug/L
 RT: 13.179 min Scan# 2230
 Delta R.T. -0.005 min
 Lab File: V04170716A20.D
 Acq: 16 Jul 2017 16:17

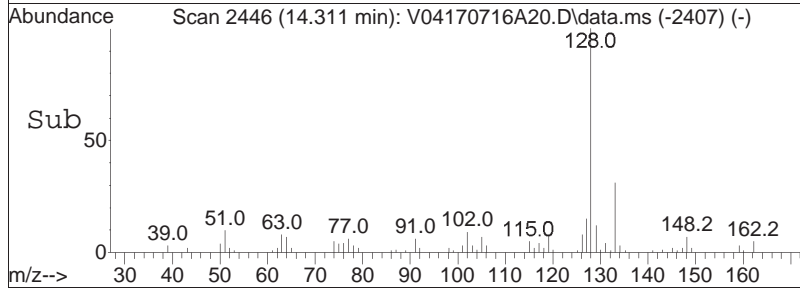
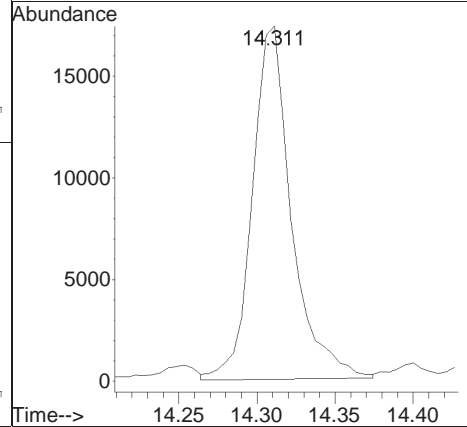
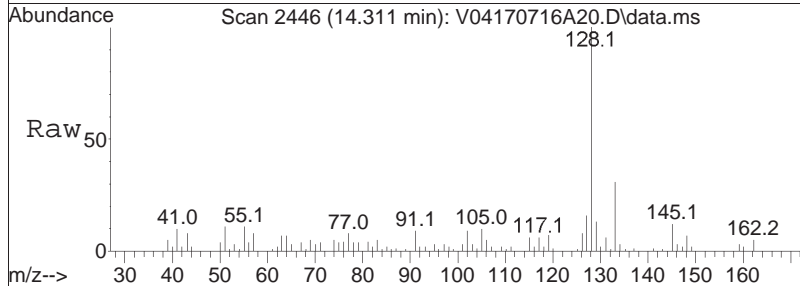
Tgt Ion	Resp	Lower	Upper
119	75360		
119	100		
134	44.5	31.6	65.6
91	18.0	9.8	20.3





#110
 Naphthalene
 Concen: 4.18 ug/L
 RT: 14.311 min Scan# 2446
 Delta R.T. 0.005 min
 Lab File: V04170716A20.D
 Acq: 16 Jul 2017 16:17

Tgt Ion:128 Resp: 30294



Manual Integration Report

Data Path : I:\VOLATILES\VOA104\2017\1QMethod : V104_170517_8260.m
Data File : V04170716A20.D Operator : VOA104:MV
Date Inj'd : 7/16/2017 16:17 Instrument : VOA 104
Sample : 11723686-01D,31H,4.9,5,0.0Quant Date : 7/17/2017 6:34 am

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA104\2017\170716A\
 Data File : V04170716A22.D
 Acq On : 16 Jul 2017 17:10
 Operator : VOA104:MV
 Sample : 11723686-05,31H,8.8,5,0.100,,a
 Misc : WG1023156,ICAL13672
 ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jul 17 11:18:51 2017
 Quant Method : I:\VOLATILES\VOA104\2017\170716A\V104_170517_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 18 06:45:13 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA104\2017\170716A\V04170716A01.D
 Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Fluorobenzene	5.917	96	152182	20.000	ug/L	0.00
Standard Area 1 = 169470			Recovery =	89.80%		
59) Chlorobenzene-d5	9.441	117	106728	20.000	ug/L	0.00
Standard Area 1 = 130956			Recovery =	81.50%		
79) 1,4-Dichlorobenzene-d4	12.162	152	58380	20.000	ug/L	0.00
Standard Area 1 = 64627			Recovery =	90.33%		
System Monitoring Compounds						
36) Dibromofluoromethane	5.120	113	41388	19.326	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery =	96.63%		
43) 1,2-Dichloroethane-d4	5.645	65	43260	22.044	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery =	110.22%		
60) Toluene-d8	7.595	98	151118	24.340	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery =	121.70%		
83) 4-Bromofluorobenzene	10.951	95	73529	28.670	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery =	143.35%#		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	0.000		0		N.D.	
3) Chloromethane	0.000		0		N.D. d	
4) Vinyl chloride	0.000		0		N.D.	
5) Bromomethane	2.184	94	1548	0.640	ug/L #	47
6) Chloroethane	0.000		0		N.D.	
7) Trichlorofluoromethane	0.000		0		N.D.	
8) Ethyl ether	0.000		0		N.D.	
10) 1,1-Dichloroethene	0.000		0		N.D.	
11) Carbon disulfide	2.908	76	12661	1.414	ug/L	94
15) Methylene chloride	3.437	84	496	0.195	ug/L	75
17) Acetone	3.516	43	1236	2.405	ug/L #	57
18) trans-1,2-Dichloroethene	0.000		0		N.D.	
20) Methyl tert-butyl ether	0.000		0		N.D.	
23) 1,1-Dichloroethane	0.000		0		N.D.	
25) Acrylonitrile	0.000		0		N.D. d	
27) Vinyl acetate	4.365	43	288		N.D.	
28) cis-1,2-Dichloroethene	0.000		0		N.D.	
29) 2,2-Dichloropropane	4.753	77	49		N.D.	
30) Bromochloromethane	0.000		0		N.D.	
32) Chloroform	0.000		0		N.D. d	

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA104\2017\170716A\
 Data File : V04170716A22.D
 Acq On : 16 Jul 2017 17:10
 Operator : VOA104:MV
 Sample : 11723686-05,31H,8.8,5,0.100,,a
 Misc : WG1023156,ICAL13672
 ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jul 17 11:18:51 2017
 Quant Method : I:\VOLATILES\VOA104\2017\170716A\V104_170517_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 18 06:45:13 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA104\2017\170716A\V04170716A01.D
 Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Carbon tetrachloride	0.000		0		N.D.	
37) 1,1,1-Trichloroethane	0.000		0		N.D.	
39) 2-Butanone	0.000		0		N.D. d	
40) 1,1-Dichloropropene	0.000		0		N.D.	
41) Benzene	5.503	78	5073	0.582	ug/L	96
44) 1,2-Dichloroethane	0.000		0		N.D.	
48) Trichloroethene	0.000		0		N.D. d	
50) Dibromomethane	6.557	93	60		N.D.	
51) 1,2-Dichloropropane	0.000		0		N.D. d	
54) Bromodichloromethane	0.000		0		N.D. d	
57) 1,4-Dioxane	0.000		0		N.D.	
58) cis-1,3-Dichloropropene	0.000		0		N.D.	
61) Toluene	0.000		0		N.D. d	
62) 4-Methyl-2-pentanone	0.000		0		N.D. d	
63) Tetrachloroethene	0.000		0		N.D.	
65) trans-1,3-Dichloropropene	0.000		0		N.D.	
68) 1,1,2-Trichloroethane	0.000		0		N.D. d	
69) Chlorodibromomethane	0.000		0		N.D.	
70) 1,3-Dichloropropane	0.000		0		N.D.	
71) 1,2-Dibromoethane	0.000		0		N.D. d	
72) 2-Hexanone	0.000		0		N.D. d	
73) Chlorobenzene	0.000		0		N.D. d	
74) Ethylbenzene	9.498	91	63307	7.099	ug/L	98
75) 1,1,1,2-Tetrachloroethane	0.000		0		N.D.	
76) p/m Xylene	9.687	106	14532	4.024	ug/L	96
77) o Xylene	10.222	106	2020	0.587	ug/L #	33
78) Styrene	0.000		0		N.D.	
80) Bromoform	0.000		0		N.D.	
82) Isopropylbenzene	10.610	105	112205	11.642	ug/L	99
84) Bromobenzene	0.000		0		N.D.	
85) n-Propylbenzene	11.097	91	341899	31.968	ug/L	100
87) 1,1,2,2-Tetrachloroethane	0.000		0		N.D. d	
88) 4-Ethyltoluene	11.223	105	66065	7.113	ug/L	100
89) 2-Chlorotoluene	0.000		0		N.D. d	
90) 1,3,5-Trimethylbenzene	11.323	105	7707	0.955	ug/L	95
91) 1,2,3-Trichloropropane	0.000		0		N.D. d	
92) trans-1,4-Dichloro-2-b...	0.000		0		N.D. d	
93) 4-Chlorotoluene	0.000		0		N.D. d	
94) tert-Butylbenzene	11.664	119	10478	1.545	ug/L #	69

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA104\2017\170716A\
 Data File : V04170716A22.D
 Acq On : 16 Jul 2017 17:10
 Operator : VOA104:MV
 Sample : 11723686-05,31H,8.8,5,0.100,,a
 Misc : WG1023156,ICAL13672
 ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jul 17 11:18:51 2017
 Quant Method : I:\VOLATILES\VOA104\2017\170716A\V104_170517_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 18 06:45:13 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA104\2017\170716A\V04170716A01.D
 Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97) 1,2,4-Trimethylbenzene	11.747	105	13900	1.724	ug/L	98
98) sec-Butylbenzene	11.852	105	102565	10.176	ug/L #	65
99) p-Isopropyltoluene	12.010	119	38335	4.420	ug/L #	91
100) 1,3-Dichlorobenzene	0.000		0	N.D.	d	
101) 1,4-Dichlorobenzene	0.000		0	N.D.	d	
102) p-Diethylbenzene	12.387	119	132731	26.118	ug/L	80
103) n-Butylbenzene	12.445	91	174644	23.096	ug/L	95
104) 1,2-Dichlorobenzene	0.000		0	N.D.	d	
105) 1,2,4,5-Tetramethylben...	13.179	119	571482	68.687	ug/L	96
106) 1,2-Dibromo-3-chloropr...	0.000		0	N.D.	d	
108) Hexachlorobutadiene	0.000		0	N.D.		
109) 1,2,4-Trichlorobenzene	14.002	180	49	N.D.		
110) Naphthalene	14.306	128	853666	118.918	ug/L	100
111) 1,2,3-Trichlorobenzene	0.000		0	N.D.	d	

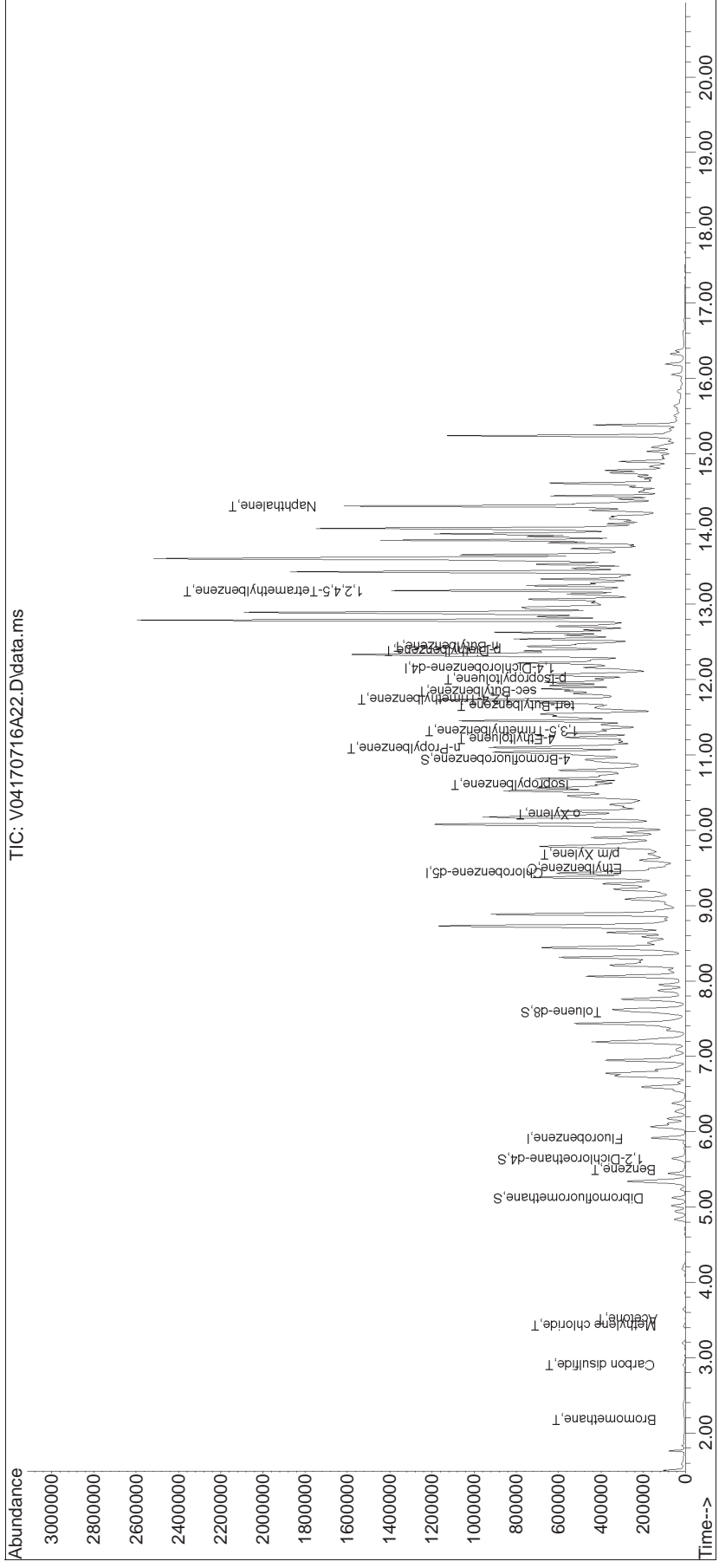
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

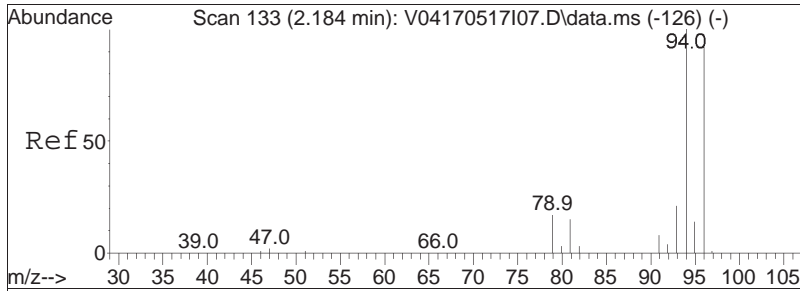
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA104\2017\170716A\
Data File : V04170716A22.D
Acq On : 16 Jul 2017 17:10
Operator : VOA104:MV
Sample : 11723686-05,31H,8.8,5,0.100,,a
Misc : WG1023156,ICAL13672
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jul 17 11:18:51 2017
Quant Method : I:\VOLATILES\VOA104\2017\170716A\2017\170716A\170517_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu May 18 06:45:13 2017
Response via : Initial Calibration

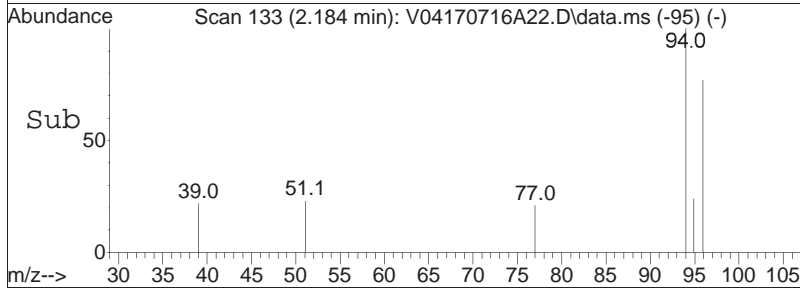
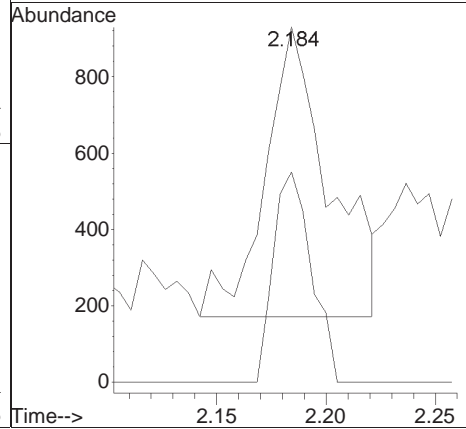
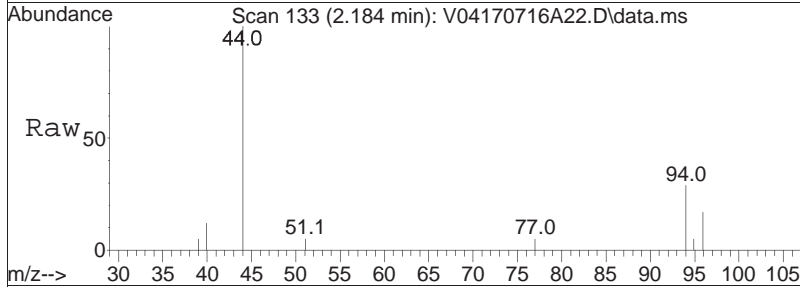
Sub List : 8260-NYTCL - Megamix plus Diox70716A\V04170716A01.D•

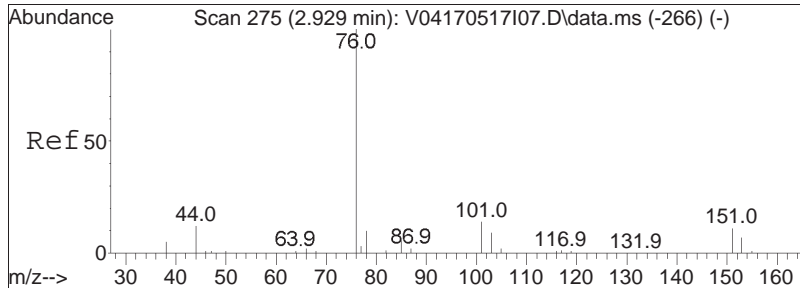




#5
 Bromomethane
 Concen: 0.64 ug/L
 RT: 2.184 min Scan# 133
 Delta R.T. 0.000 min
 Lab File: V04170716A22.D
 Acq: 16 Jul 2017 17:10

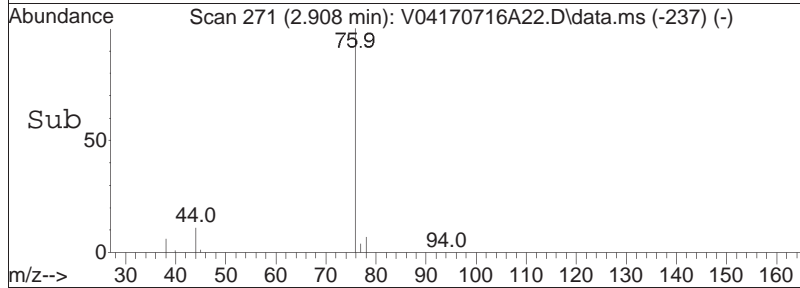
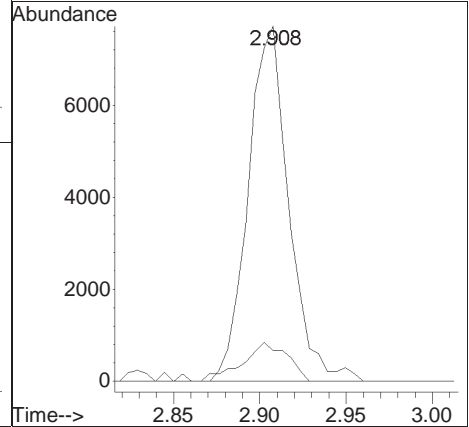
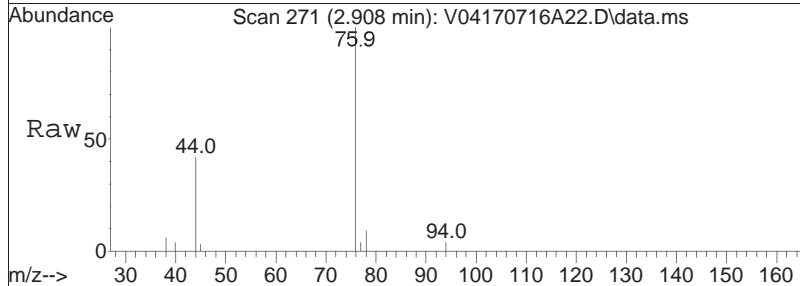
Tgt Ion: 94 Resp: 1548
 Ion Ratio Lower Upper
 94 100
 96 43.2 74.7 114.7#

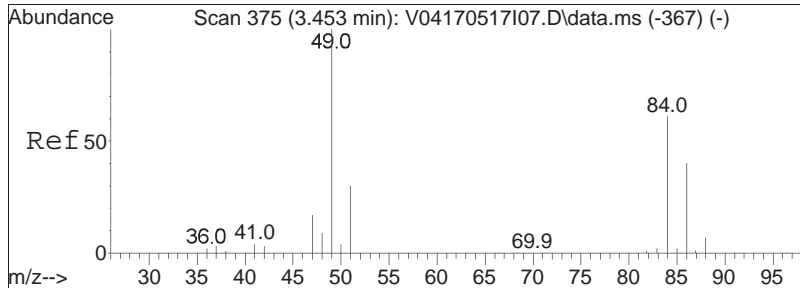




#11
 Carbon disulfide
 Concen: 1.41 ug/L
 RT: 2.908 min Scan# 271
 Delta R.T. -0.021 min
 Lab File: V04170716A22.D
 Acq: 16 Jul 2017 17:10

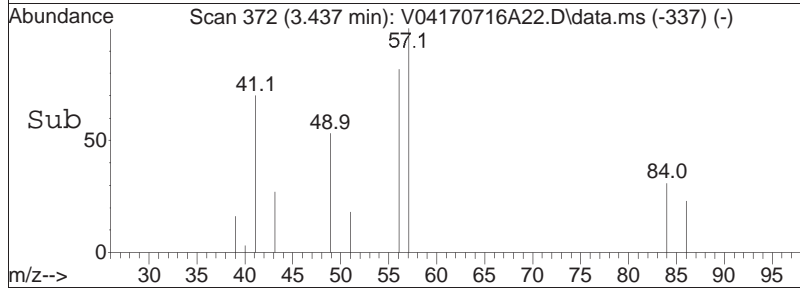
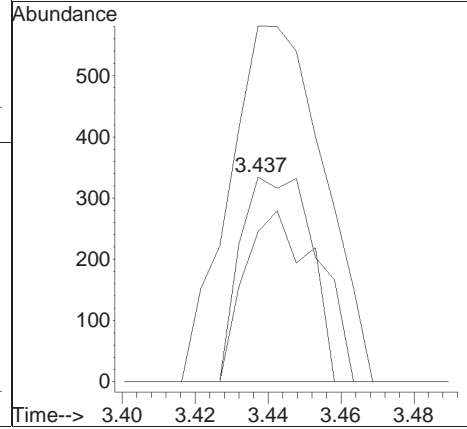
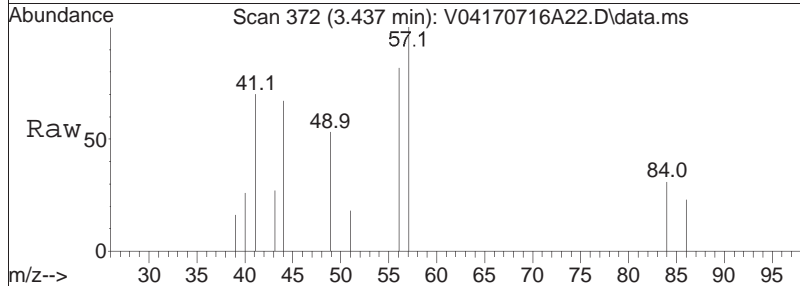
Tgt Ion	Resp	Lower	Upper
76	12661		
78	12.2	6.5	13.5

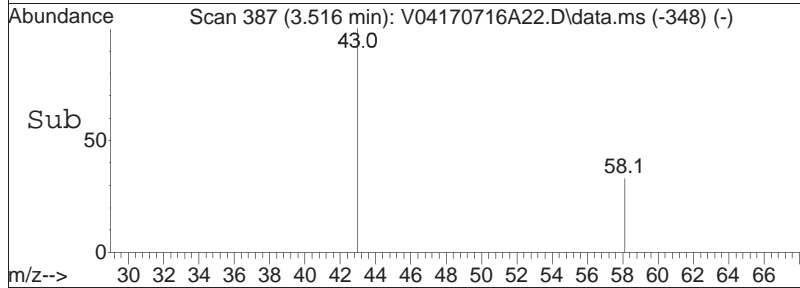
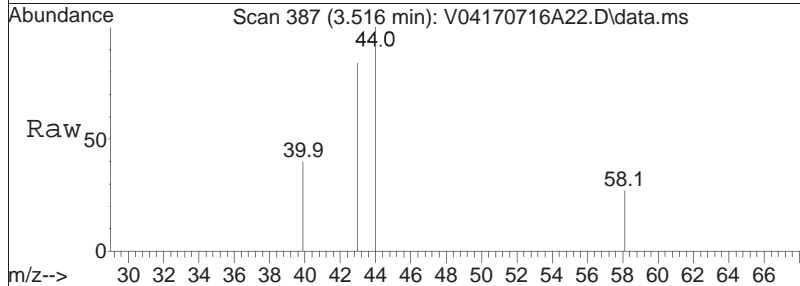
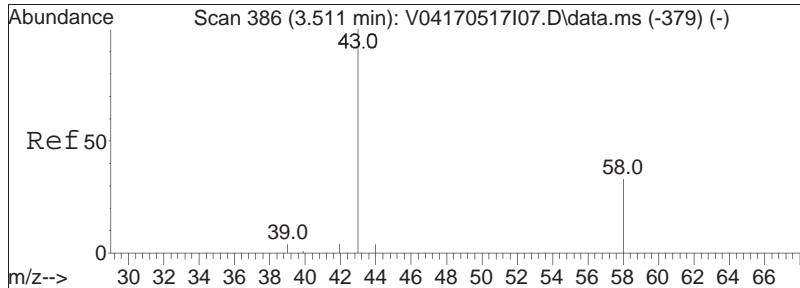




#15
 Methylene chloride
 Concen: 0.20 ug/L
 RT: 3.437 min Scan# 372
 Delta R.T. -0.016 min
 Lab File: V04170716A22.D
 Acq: 16 Jul 2017 17:10

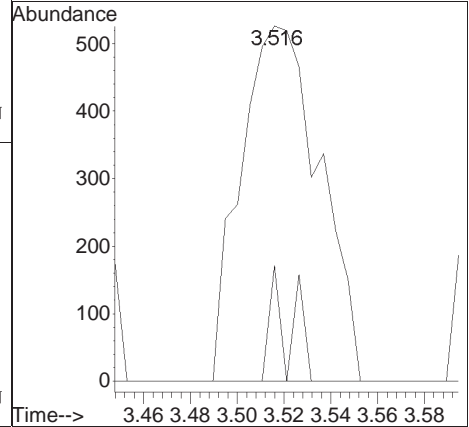
Tgt Ion:	84	Resp:	496
Ion Ratio	Lower	Upper	
84	100		
86	69.4	41.3	85.9
49	211.1	109.1	226.7

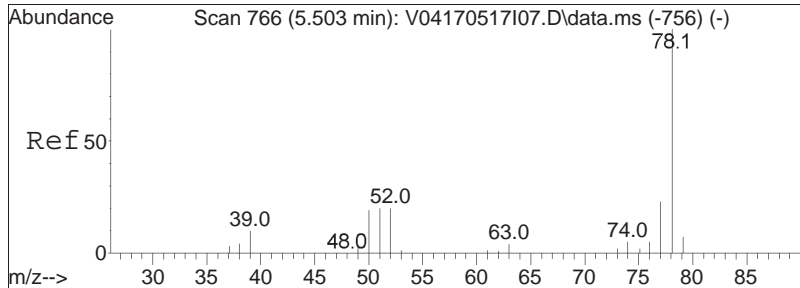




#17
 Acetone
 Concen: 2.40 ug/L
 RT: 3.516 min Scan# 387
 Delta R.T. 0.005 min
 Lab File: V04170716A22.D
 Acq: 16 Jul 2017 17:10

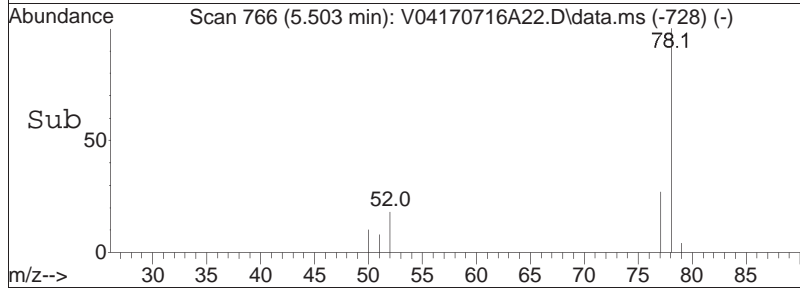
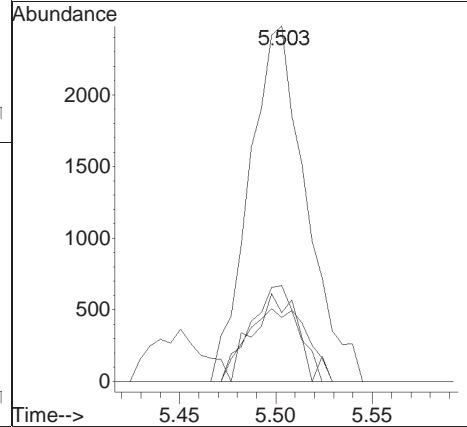
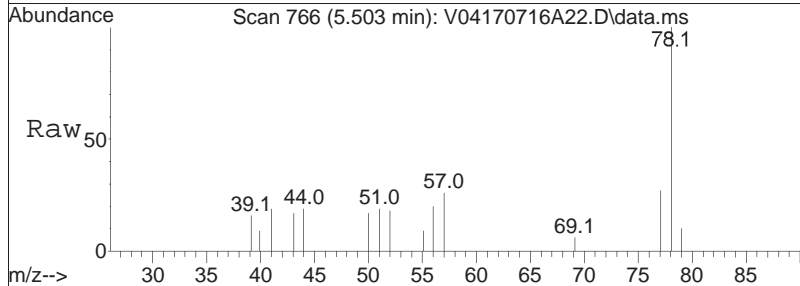
Tgt Ion:	43	58	Ratio	Lower	Upper
Resp:	1236				
	100	8.4		26.0	39.0#

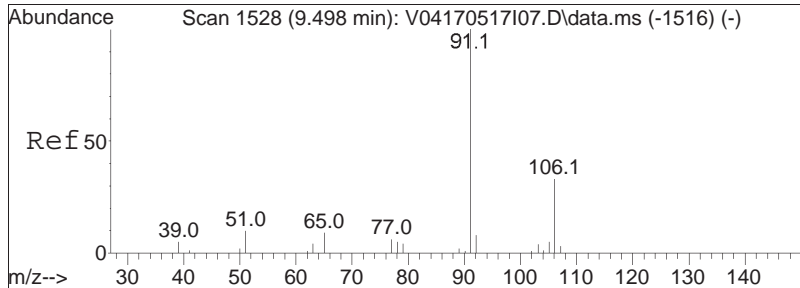




#41
Benzene
Concen: 0.58 ug/L
RT: 5.503 min Scan# 766
Delta R.T. -0.000 min
Lab File: V04170716A22.D
Acq: 16 Jul 2017 17:10

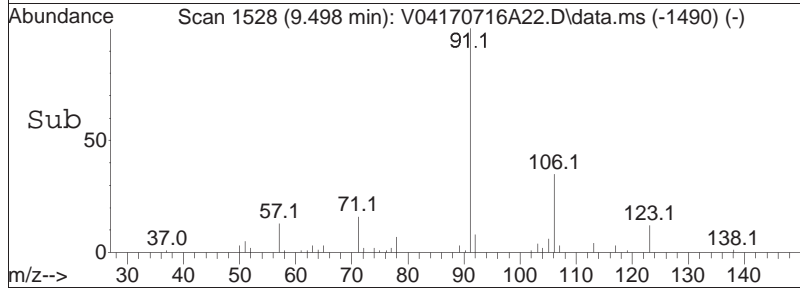
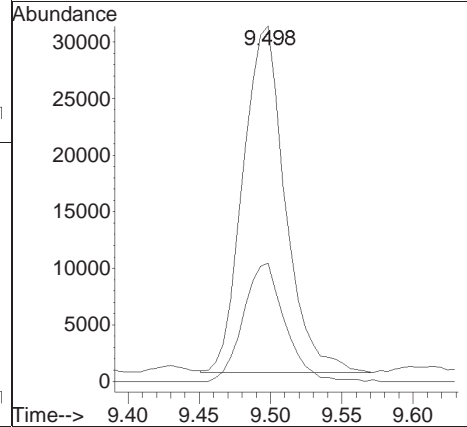
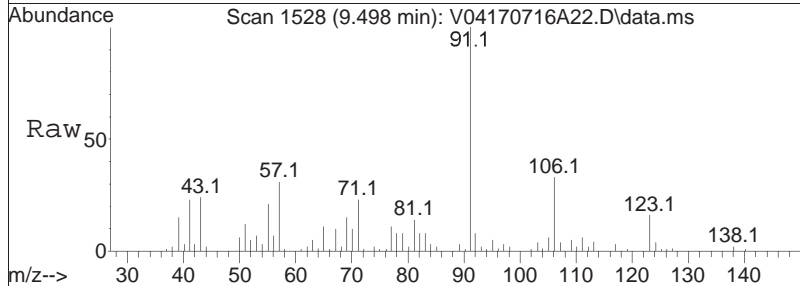
Tgt Ion	Resp	Lower	Upper
78	5073		
77	24.7	15.2	31.6
51	19.7	14.1	29.3
52	19.8	14.0	29.2

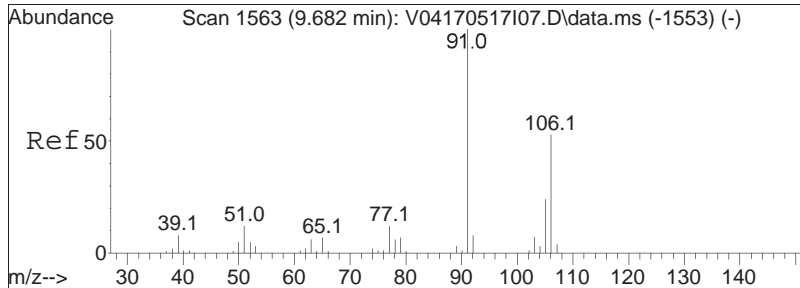




#74
 Ethylbenzene
 Concen: 7.10 ug/L
 RT: 9.498 min Scan# 1528
 Delta R.T. 0.000 min
 Lab File: V04170716A22.D
 Acq: 16 Jul 2017 17:10

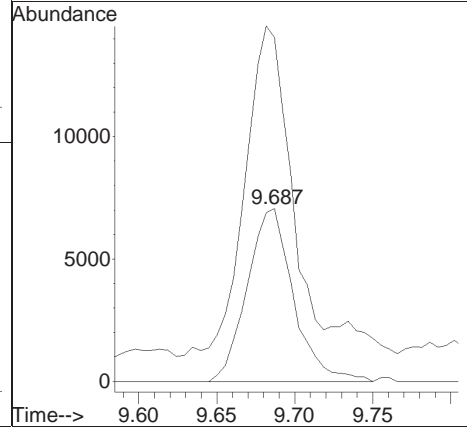
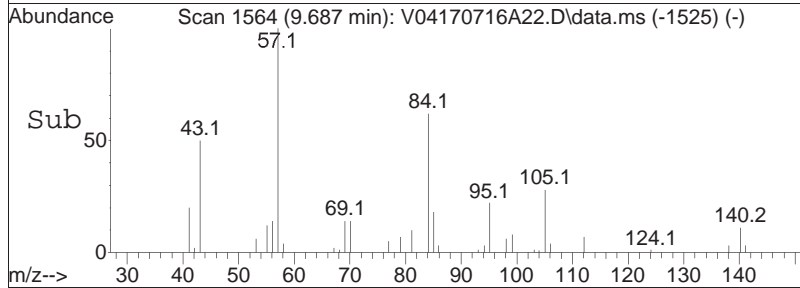
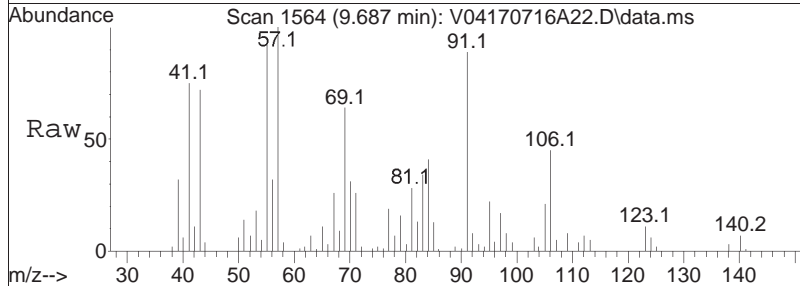
Tgt Ion: 91 Resp: 63307
 Ion Ratio Lower Upper
 91 100
 106 33.5 25.8 38.8

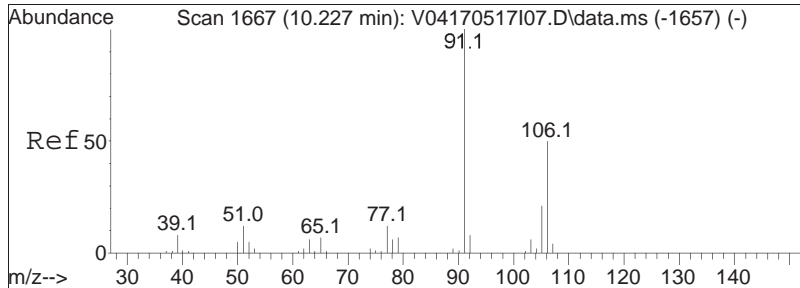




#76
 p/m Xylene
 Concen: 4.02 ug/L
 RT: 9.687 min Scan# 1564
 Delta R.T. 0.005 min
 Lab File: V04170716A22.D
 Acq: 16 Jul 2017 17:10

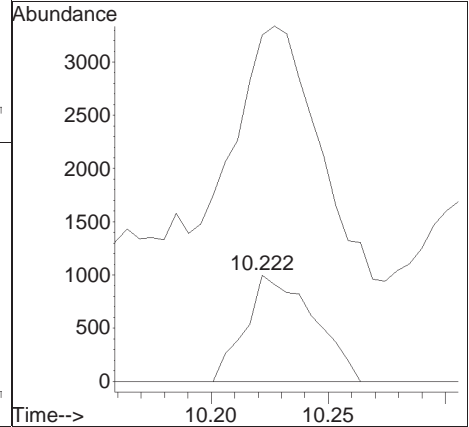
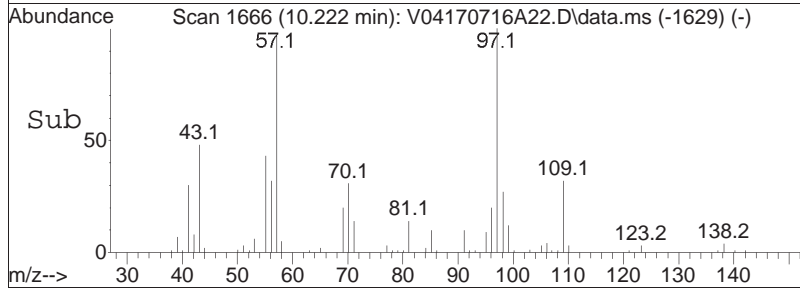
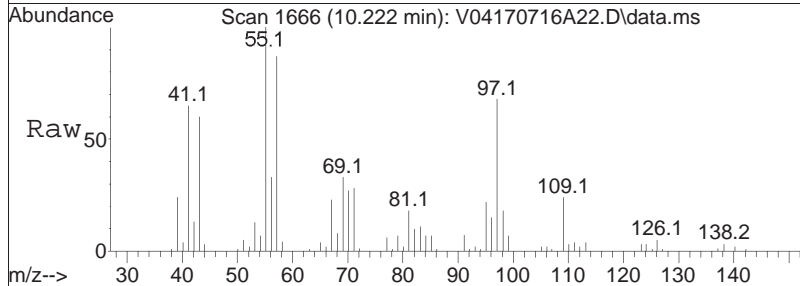
Tgt Ion: 106 Resp: 14532
 Ion Ratio Lower Upper
 106 100
 91 188.0 155.4 233.0

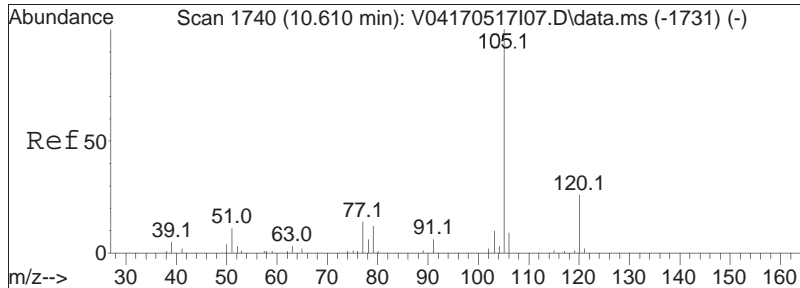




#77
 o Xylene
 Concen: 0.59 ug/L
 RT: 10.222 min Scan# 1666
 Delta R.T. -0.005 min
 Lab File: V04170716A22.D
 Acq: 16 Jul 2017 17:10

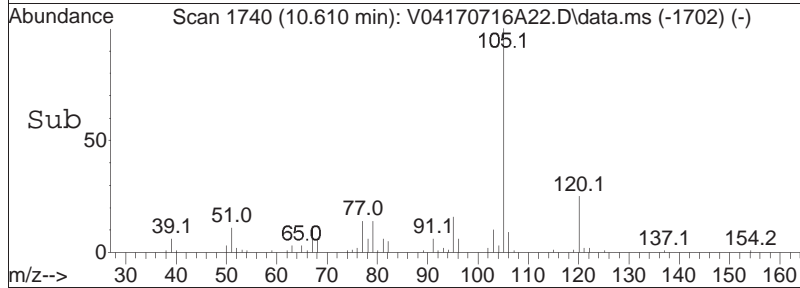
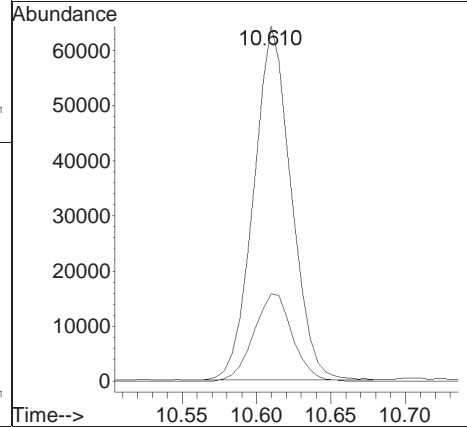
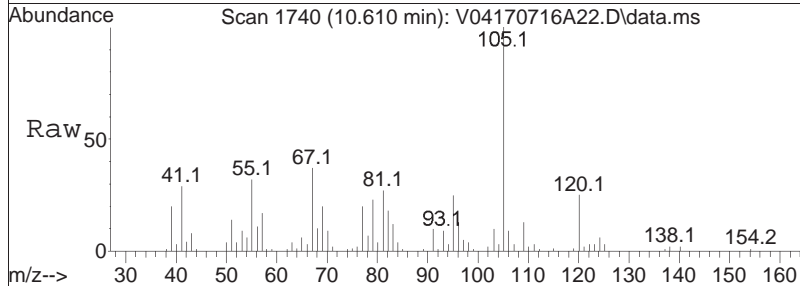
Tgt Ion	Ratio	Lower	Upper
106	100		
91	309.9	164.9	247.3#

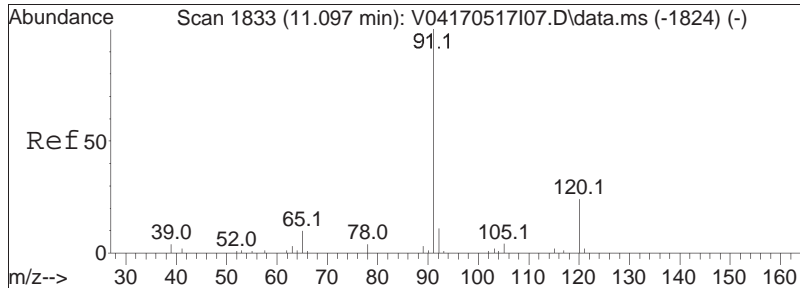




#82
 Isopropylbenzene
 Concen: 11.64 ug/L
 RT: 10.610 min Scan# 1740
 Delta R.T. -0.000 min
 Lab File: V04170716A22.D
 Acq: 16 Jul 2017 17:10

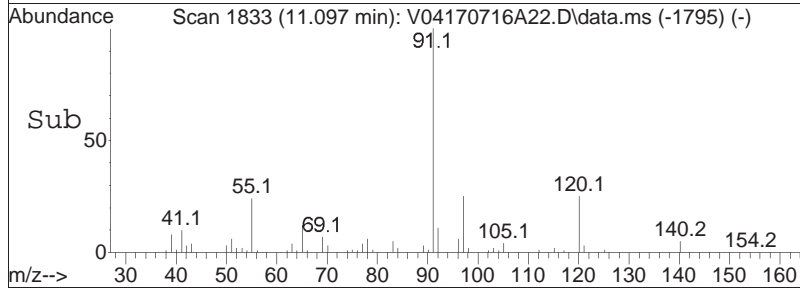
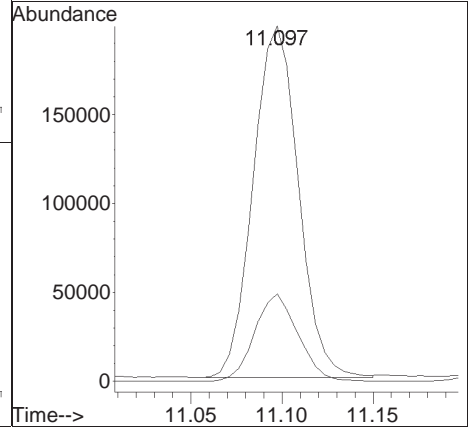
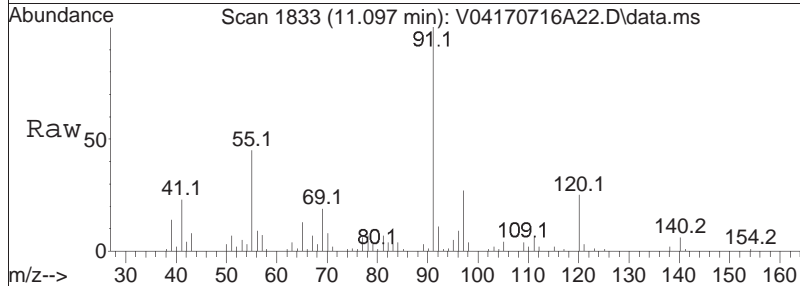
Tgt Ion	Resp	Lower	Upper
105	112205		
120	25.6	6.3	46.3

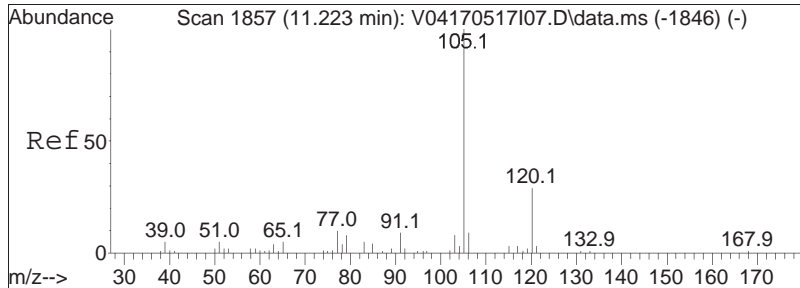




#85
 n-Propylbenzene
 Concen: 31.97 ug/L
 RT: 11.097 min Scan# 1833
 Delta R.T. 0.000 min
 Lab File: V04170716A22.D
 Acq: 16 Jul 2017 17:10

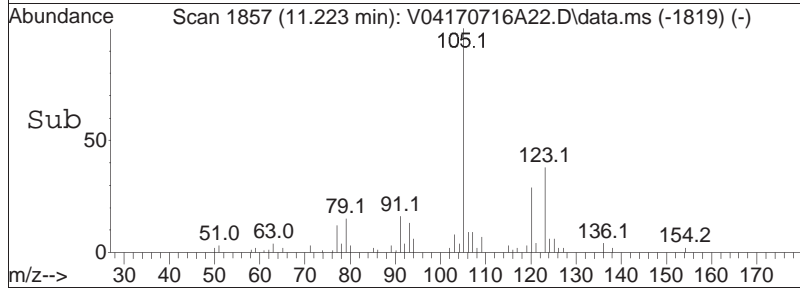
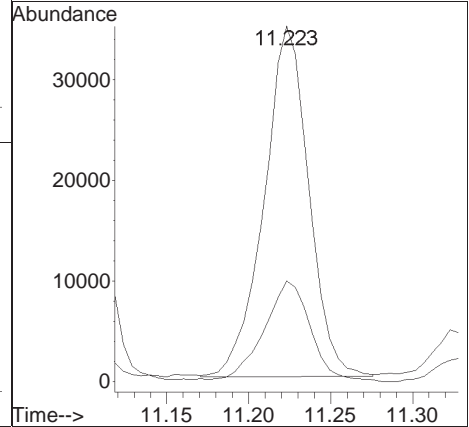
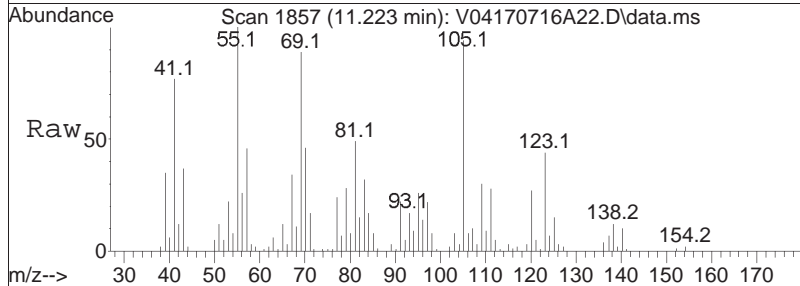
Tgt Ion: 91 Resp: 341899
 Ion Ratio Lower Upper
 91 100
 120 23.8 19.1 28.7

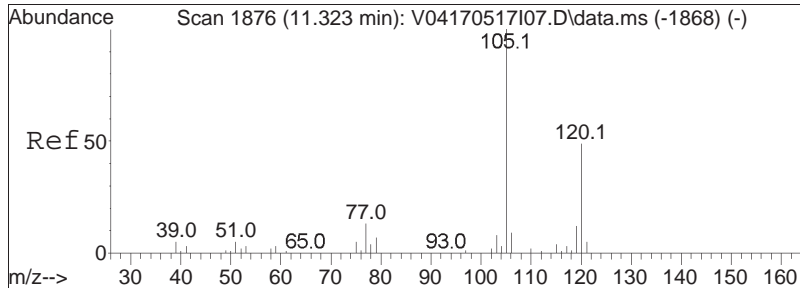




#88
 4-Ethyltoluene
 Concen: 7.11 ug/L
 RT: 11.223 min Scan# 1857
 Delta R.T. 0.000 min
 Lab File: V04170716A22.D
 Acq: 16 Jul 2017 17:10

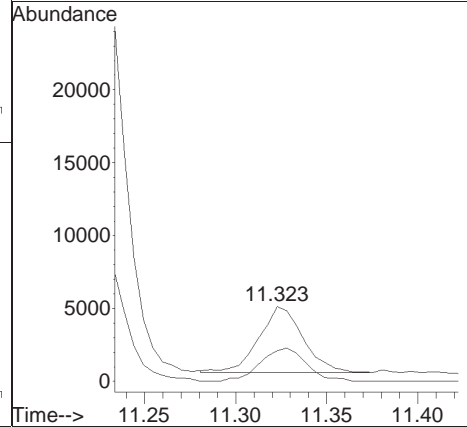
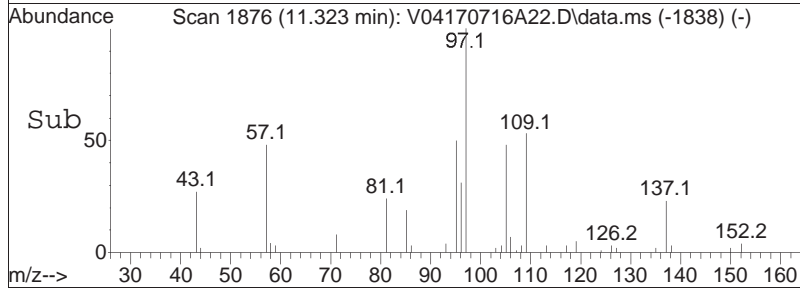
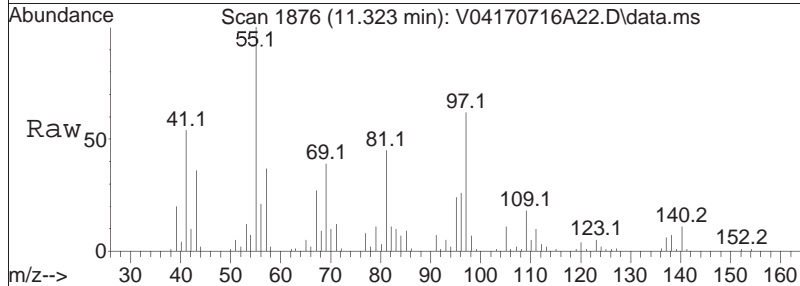
Tgt Ion	Resp	Lower	Upper
105	100		
120	29.8	19.5	40.5

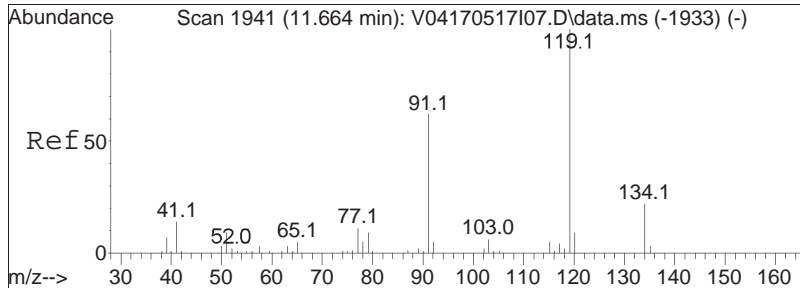




#90
 1,3,5-Trimethylbenzene
 Concen: 0.95 ug/L
 RT: 11.323 min Scan# 1876
 Delta R.T. -0.000 min
 Lab File: V04170716A22.D
 Acq: 16 Jul 2017 17:10

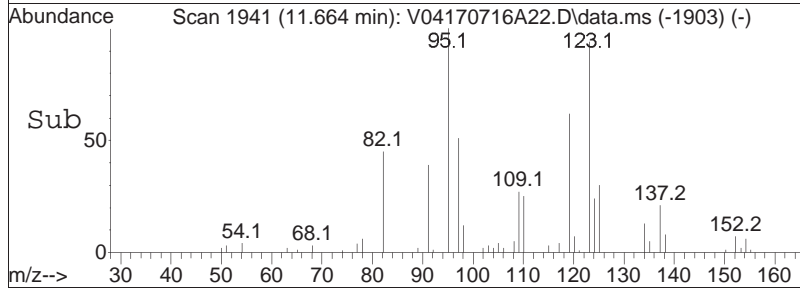
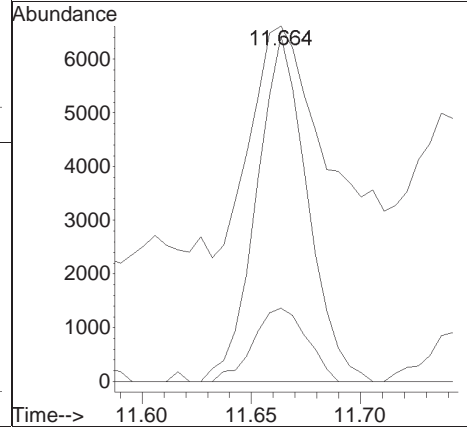
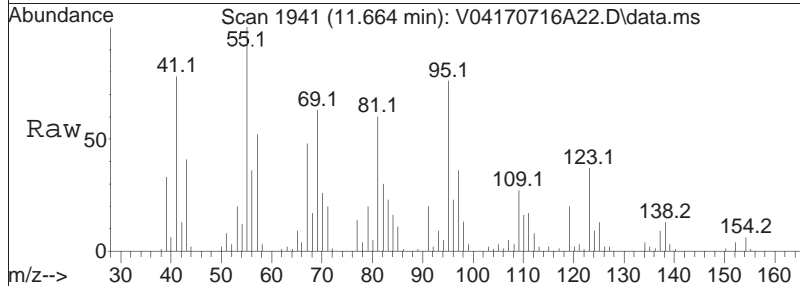
Tgt Ion	Resp	Lower	Upper
105	100		
120	52.3	38.9	58.3

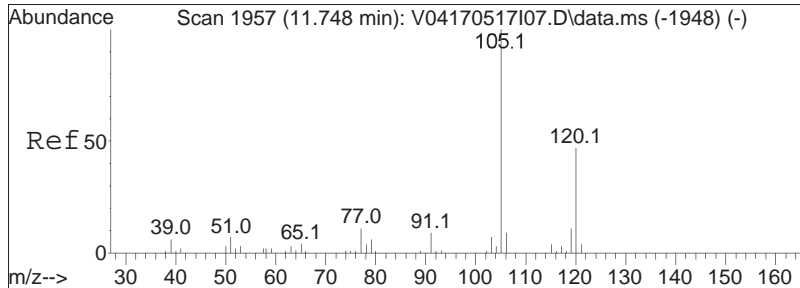




#94
 tert-Butylbenzene
 Concen: 1.54 ug/L
 RT: 11.664 min Scan# 1941
 Delta R.T. -0.000 min
 Lab File: V04170716A22.D
 Acq: 16 Jul 2017 17:10

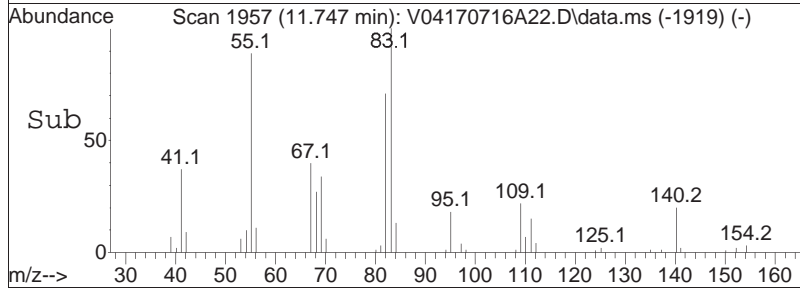
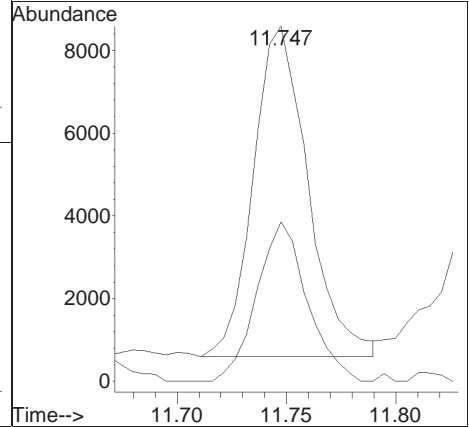
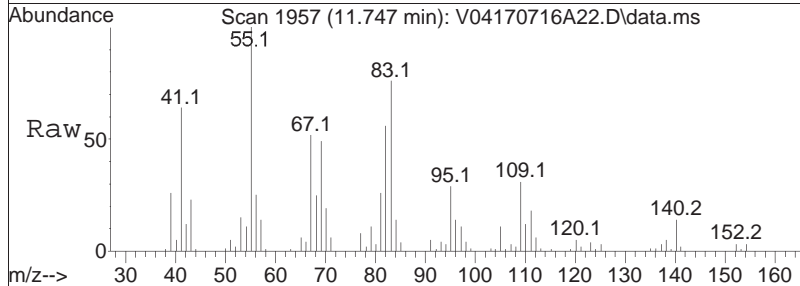
Tgt Ion	Resp	Lower	Upper
119	10478		
91	95.9	51.4	77.0#
134	22.2	19.8	29.6

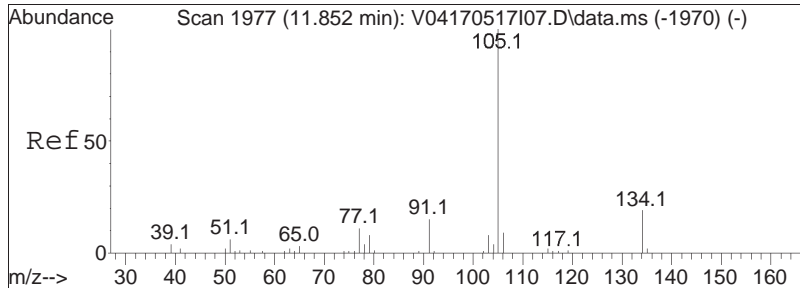




#97
 1,2,4-Trimethylbenzene
 Concen: 1.72 ug/L
 RT: 11.747 min Scan# 1957
 Delta R.T. -0.001 min
 Lab File: V04170716A22.D
 Acq: 16 Jul 2017 17:10

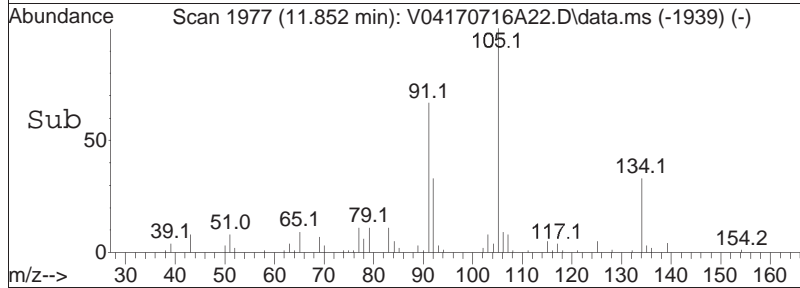
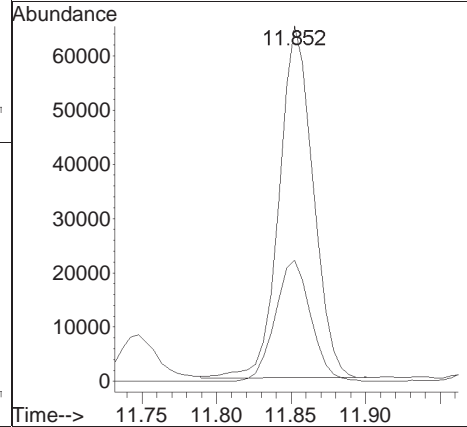
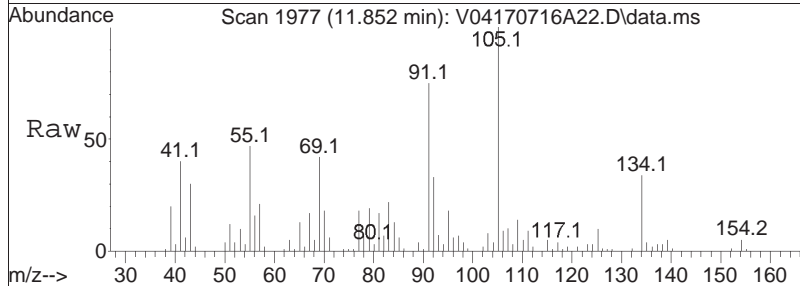
Tgt Ion	Resp	Lower	Upper
105	100		
120	44.6	36.8	55.2

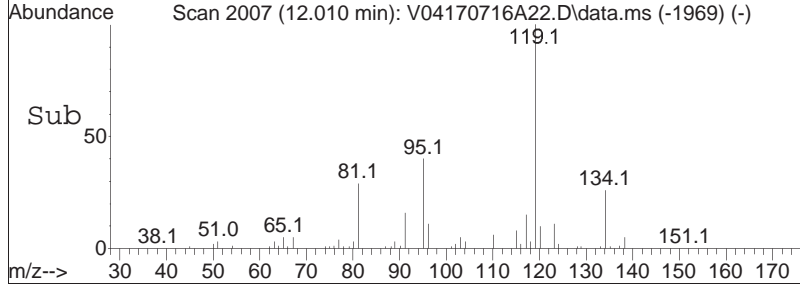
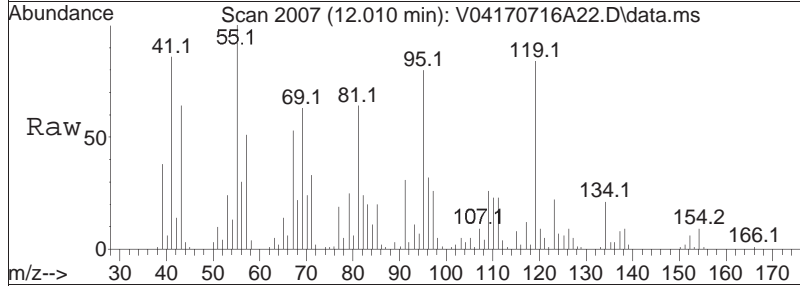
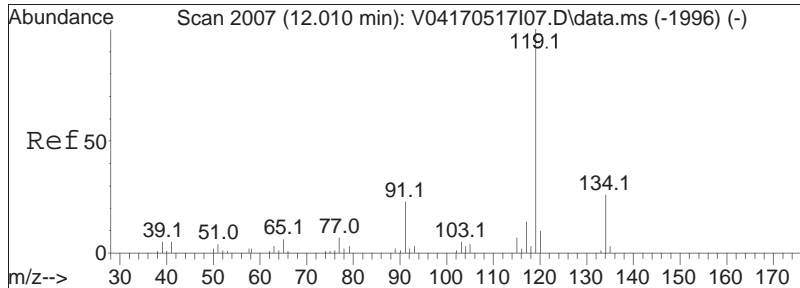




#98
 sec-Butylbenzene
 Concen: 10.18 ug/L
 RT: 11.852 min Scan# 1977
 Delta R.T. 0.000 min
 Lab File: V04170716A22.D
 Acq: 16 Jul 2017 17:10

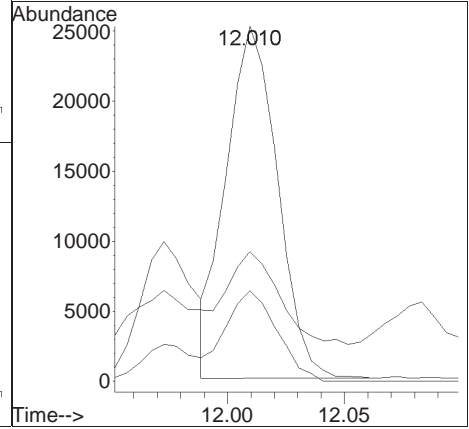
Tgt Ion	Resp	Lower	Upper
105	100		
134	36.1	12.9	26.9#

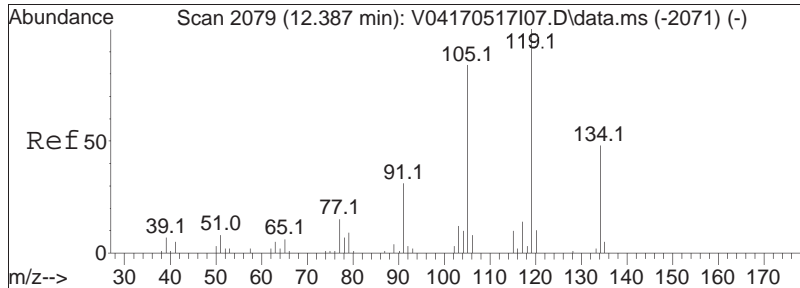




#99
 p-Isopropyltoluene
 Concen: 4.42 ug/L
 RT: 12.010 min Scan# 2007
 Delta R.T. -0.000 min
 Lab File: V04170716A22.D
 Acq: 16 Jul 2017 17:10

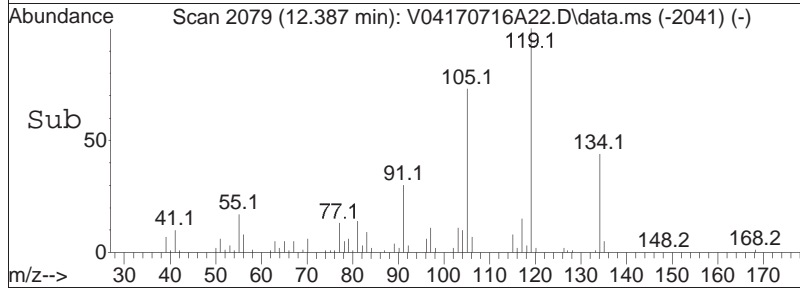
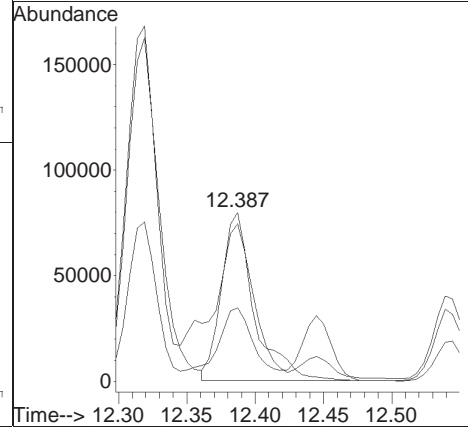
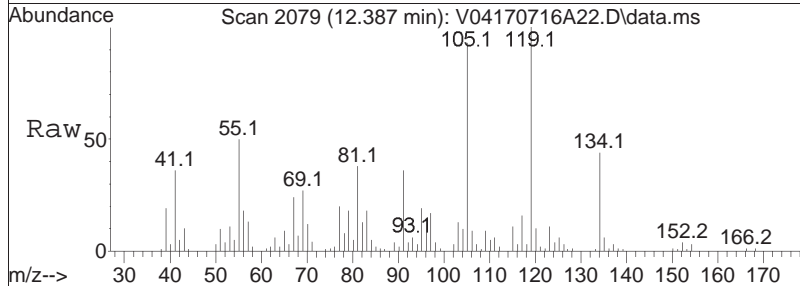
Tgt Ion	Resp	Lower	Upper
119	100		
134	25.9	17.2	35.8
91	30.7	14.4	30.0#

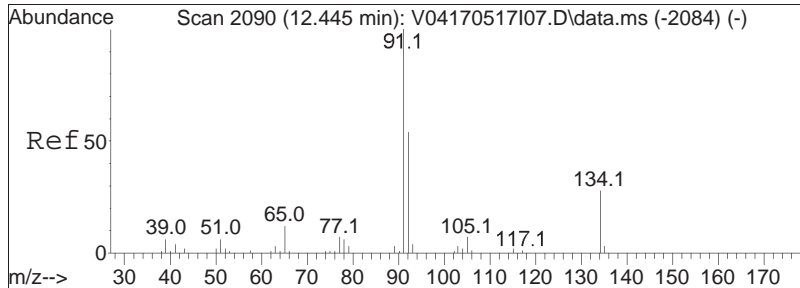




#102
 p-Diethylbenzene
 Concen: 26.12 ug/L
 RT: 12.387 min Scan# 2079
 Delta R.T. 0.000 min
 Lab File: V04170716A22.D
 Acq: 16 Jul 2017 17:10

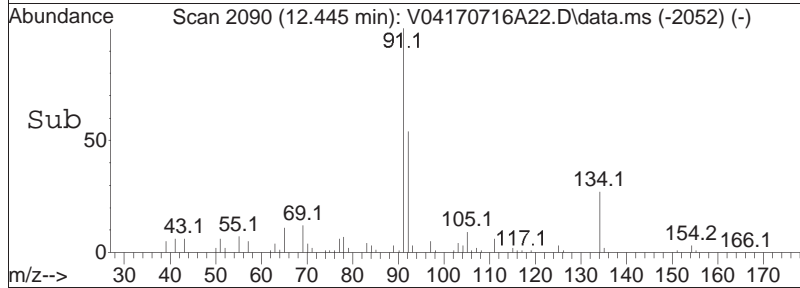
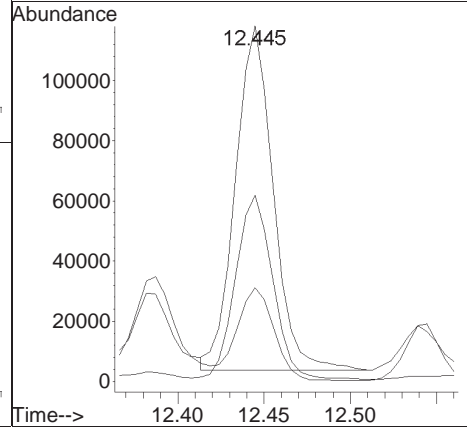
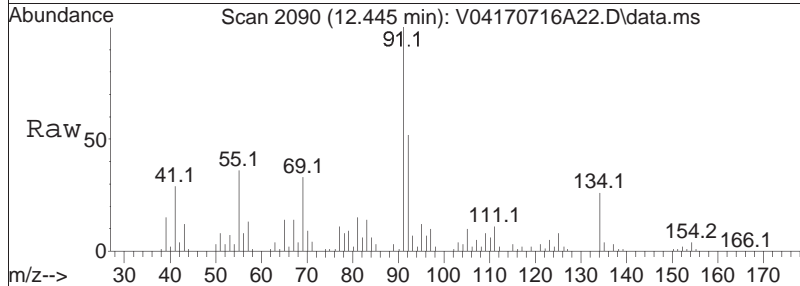
Tgt Ion	Resp	Lower	Upper
119	132731		
119	100		
105	112.1	55.3	114.8
134	48.2	30.7	63.9

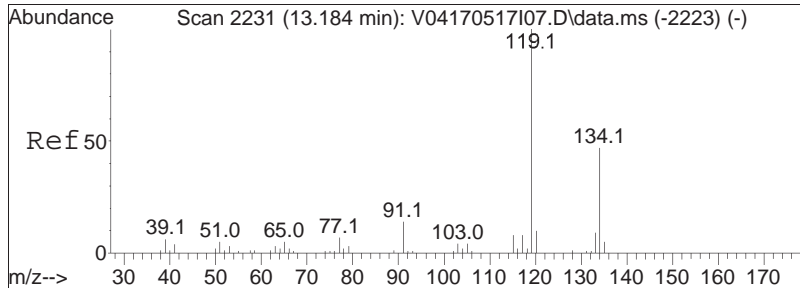




#103
 n-Butylbenzene
 Concen: 23.10 ug/L
 RT: 12.445 min Scan# 2090
 Delta R.T. -0.000 min
 Lab File: V04170716A22.D
 Acq: 16 Jul 2017 17:10

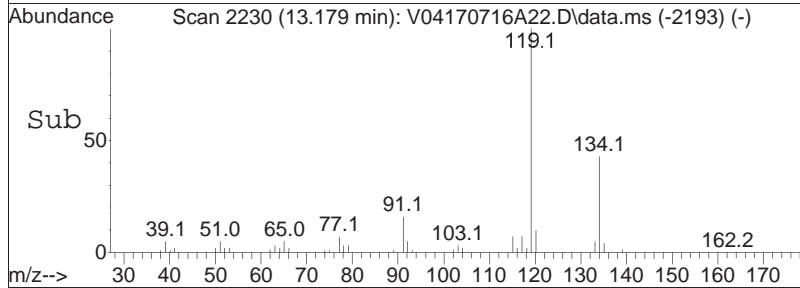
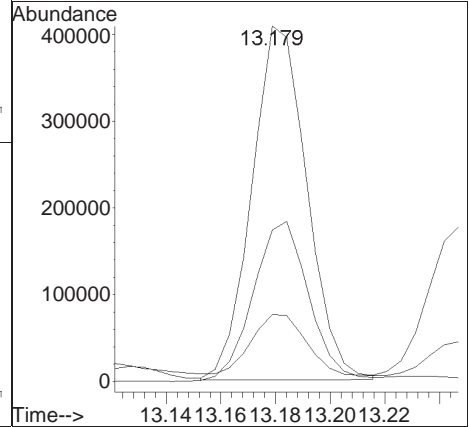
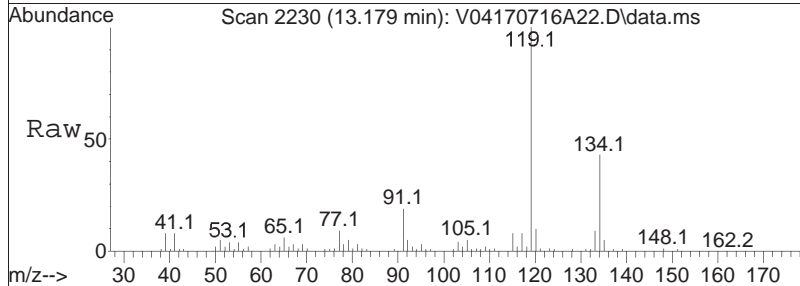
Tgt Ion:	91	Resp:	174644
Ion Ratio	Lower	Upper	
91	100		
92	52.6	45.0	67.4
134	26.9	23.4	35.0

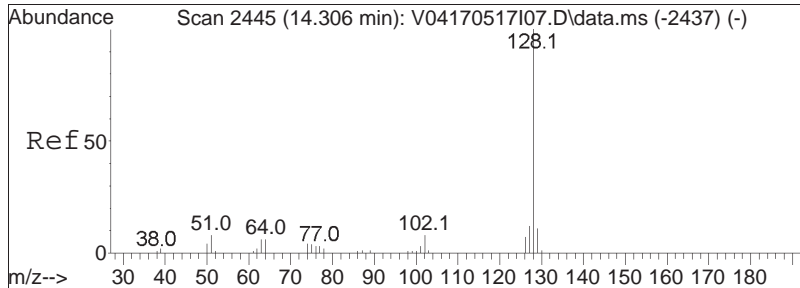




#105
 1,2,4,5-Tetramethylbenzene
 Concen: 68.69 ug/L
 RT: 13.179 min Scan# 2230
 Delta R.T. -0.005 min
 Lab File: V04170716A22.D
 Acq: 16 Jul 2017 17:10

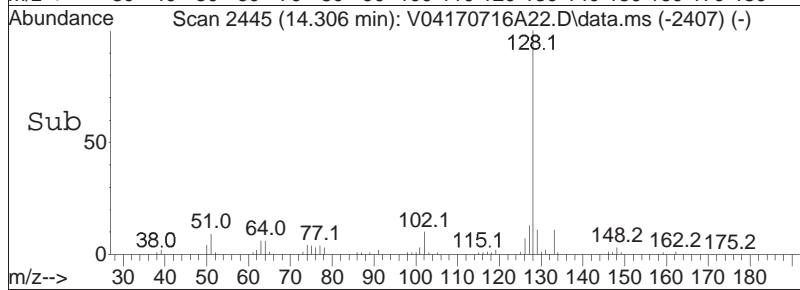
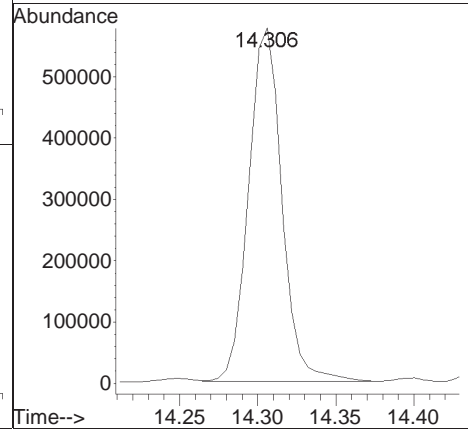
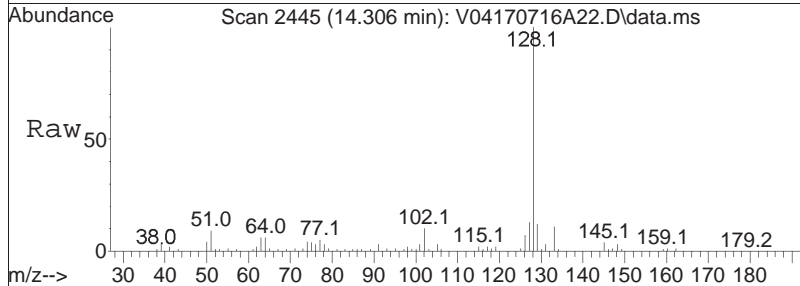
Tgt Ion	Ratio	Lower	Upper
119	100		
134	45.9	31.6	65.6
91	17.2	9.8	20.3





#110
 Naphthalene
 Concen: 118.92 ug/L
 RT: 14.306 min Scan# 2445
 Delta R.T. 0.000 min
 Lab File: V04170716A22.D
 Acq: 16 Jul 2017 17:10

Tgt Ion:128 Resp: 853666



Manual Integration Report

Data Path : I:\VOLATILES\VOA104\2017\1QMethod : V104_170517_8260.m
Data File : V04170716A22.D Operator : VOA104:MV
Date Inj'd : 7/16/2017 17:10 Instrument : VOA 104
Sample : 11723686-05,31H,8.8,5,0.10Quant Date : 7/17/2017 6:34 am

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA104\2017\170716A\
 Data File : V04170716A23.D
 Acq On : 16 Jul 2017 17:36
 Operator : VOA104:MV
 Sample : 11723686-07,31H,7.7,5,0.100,,a
 Misc : WG1023156,ICAL13672
 ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jul 17 11:19:37 2017
 Quant Method : I:\VOLATILES\VOA104\2017\170716A\V104_170517_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 18 06:45:13 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA104\2017\170716A\V04170716A01.D
 Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Fluorobenzene	5.917	96	147053	20.000	ug/L	0.00
Standard Area 1 = 169470			Recovery =	86.77%		
59) Chlorobenzene-d5	9.441	117	117872	20.000	ug/L	0.00
Standard Area 1 = 130956			Recovery =	90.01%		
79) 1,4-Dichlorobenzene-d4	12.162	152	60221	20.000	ug/L	0.00
Standard Area 1 = 64627			Recovery =	93.18%		
System Monitoring Compounds						
36) Dibromofluoromethane	5.125	113	40459	19.551	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery =	97.75%		
43) 1,2-Dichloroethane-d4	5.645	65	41845	22.067	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery =	110.34%		
60) Toluene-d8	7.595	98	146343	21.343	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery =	106.72%		
83) 4-Bromofluorobenzene	10.945	95	57401	21.697	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery =	108.48%		
Target Compounds						
2) Dichlorodifluoromethane	0.000		0		N.D.	
3) Chloromethane	0.000		0		N.D. d	
4) Vinyl chloride	0.000		0		N.D.	
5) Bromomethane	2.189	94	666		N.D.	
6) Chloroethane	0.000		0		N.D.	
7) Trichlorofluoromethane	0.000		0		N.D.	
8) Ethyl ether	0.000		0		N.D.	
10) 1,1-Dichloroethene	0.000		0		N.D.	
11) Carbon disulfide	2.908	76	7267	0.840	ug/L #	88
15) Methylene chloride	3.442	84	441	0.179	ug/L #	55
17) Acetone	0.000		0		N.D. d	
18) trans-1,2-Dichloroethene	0.000		0		N.D.	
20) Methyl tert-butyl ether	0.000		0		N.D.	
23) 1,1-Dichloroethane	0.000		0		N.D.	
25) Acrylonitrile	0.000		0		N.D. d	
27) Vinyl acetate	0.000		0		N.D.	
28) cis-1,2-Dichloroethene	0.000		0		N.D.	
29) 2,2-Dichloropropane	0.000		0		N.D.	
30) Bromochloromethane	0.000		0		N.D.	
32) Chloroform	0.000		0		N.D.	

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA104\2017\170716A\
 Data File : V04170716A23.D
 Acq On : 16 Jul 2017 17:36
 Operator : VOA104:MV
 Sample : 11723686-07,31H,7.7,5,0.100,,a
 Misc : WG1023156,ICAL13672
 ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jul 17 11:19:37 2017
 Quant Method : I:\VOLATILES\VOA104\2017\170716A\V104_170517_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 18 06:45:13 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA104\2017\170716A\V04170716A01.D
 Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Carbon tetrachloride	0.000		0		N.D.	
37) 1,1,1-Trichloroethane	0.000		0		N.D.	
39) 2-Butanone	0.000		0		N.D. d	
40) 1,1-Dichloropropene	0.000		0		N.D.	
41) Benzene	5.492	78	909	0.108	ug/L #	61
44) 1,2-Dichloroethane	0.000		0		N.D.	
48) Trichloroethene	0.000		0		N.D. d	
50) Dibromomethane	0.000		0		N.D.	
51) 1,2-Dichloropropane	0.000		0		N.D.	
54) Bromodichloromethane	0.000		0		N.D. d	
57) 1,4-Dioxane	0.000		0		N.D.	
58) cis-1,3-Dichloropropene	0.000		0		N.D.	
61) Toluene	7.653	92	473	0.092	ug/L #	56
62) 4-Methyl-2-pentanone	0.000		0		N.D. d	
63) Tetrachloroethene	0.000		0		N.D.	
65) trans-1,3-Dichloropropene	0.000		0		N.D.	
68) 1,1,2-Trichloroethane	0.000		0		N.D. d	
69) Chlorodibromomethane	0.000		0		N.D.	
70) 1,3-Dichloropropane	0.000		0		N.D.	
71) 1,2-Dibromoethane	0.000		0		N.D.	
72) 2-Hexanone	0.000		0		N.D. d	
73) Chlorobenzene	9.488	112	249		N.D.	
74) Ethylbenzene	9.503	91	7221	0.733	ug/L	95
75) 1,1,1,2-Tetrachloroethane	0.000		0		N.D.	
76) p/m Xylene	9.687	106	9689	2.429	ug/L	89
77) o Xylene	10.232	106	401	0.105	ug/L #	1
78) Styrene	0.000		0		N.D.	
80) Bromoform	0.000		0		N.D.	
82) Isopropylbenzene	10.610	105	2105	0.212	ug/L	99
84) Bromobenzene	0.000		0		N.D.	
85) n-Propylbenzene	11.103	91	12185	1.104	ug/L	95
87) 1,1,2,2-Tetrachloroethane	0.000		0		N.D. d	
88) 4-Ethyltoluene	11.213	105	41559	4.338	ug/L	100
89) 2-Chlorotoluene	0.000		0		N.D. d	
90) 1,3,5-Trimethylbenzene	11.328	105	17701	2.126	ug/L	96
91) 1,2,3-Trichloropropane	11.234	75	56		N.D.	
92) trans-1,4-Dichloro-2-b...	0.000		0		N.D. d	
93) 4-Chlorotoluene	11.459	91	211		N.D.	
94) tert-Butylbenzene	0.000		0		N.D. d	

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA104\2017\170716A\
 Data File : V04170716A23.D
 Acq On : 16 Jul 2017 17:36
 Operator : VOA104:MV
 Sample : 11723686-07,31H,7.7,5,0.100,,a
 Misc : WG1023156,ICAL13672
 ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jul 17 11:19:37 2017
 Quant Method : I:\VOLATILES\VOA104\2017\170716A\V104_170517_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 18 06:45:13 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA104\2017\170716A\V04170716A01.D
 Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97) 1,2,4-Trimethylbenzene	11.747	105	41684	5.011	ug/L	95
98) sec-Butylbenzene	11.852	105	4742	0.456	ug/L #	69
99) p-Isopropyltoluene	12.015	119	2625	0.293	ug/L #	86
100) 1,3-Dichlorobenzene	0.000		0	N.D.		
101) 1,4-Dichlorobenzene	0.000		0	N.D.		
102) p-Diethylbenzene	12.413	119	39473	7.530	ug/L	84
103) n-Butylbenzene	12.450	91	9738	1.248	ug/L #	74
104) 1,2-Dichlorobenzene	0.000		0	N.D.		
105) 1,2,4,5-Tetramethylben...	13.184	119	21003	2.447	ug/L	95
106) 1,2-Dibromo-3-chloropr...	0.000		0	N.D.		
108) Hexachlorobutadiene	0.000		0	N.D.		
109) 1,2,4-Trichlorobenzene	0.000		0	N.D.		
110) Naphthalene	14.311	128	14073	1.900	ug/L	100
111) 1,2,3-Trichlorobenzene	14.379	180	47	N.D.		

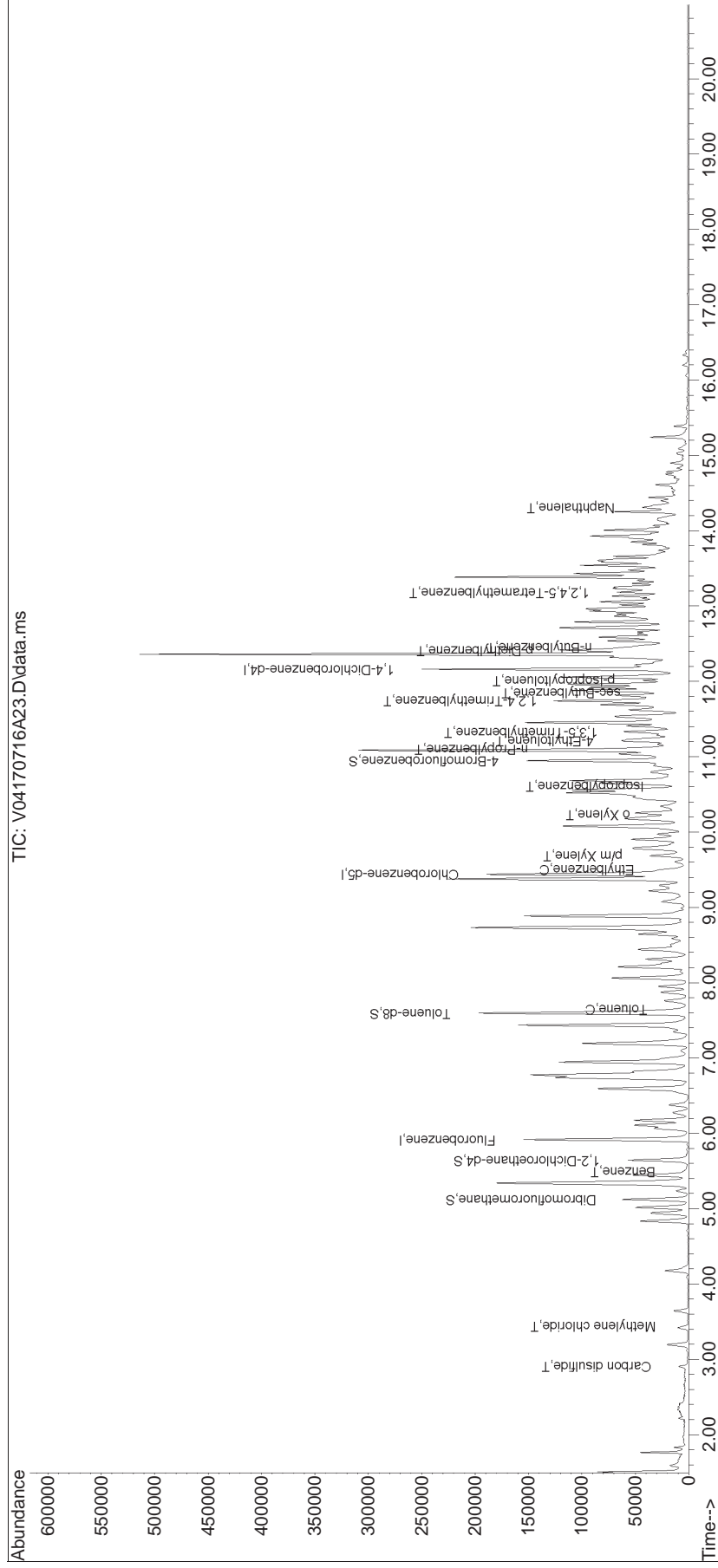
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

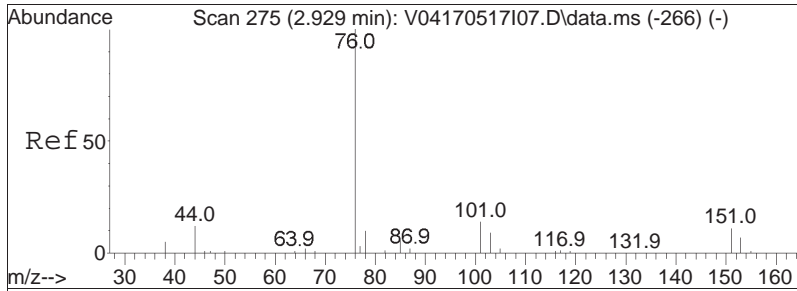
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA104\2017\170716A\
 Data File : V04170716A23.D
 Acq On : 16 Jul 2017 17:36
 Operator : VOA104:MV
 Sample : 11723686-07,31H,7.7,5,0.100,,a
 Misc : WG1023156,ICAL13672
 ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jul 17 11:19:37 2017
 Quant Method : I:\VOLATILES\VOA104\2017\170716A\170517_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 18 06:45:13 2017
 Response via : Initial Calibration

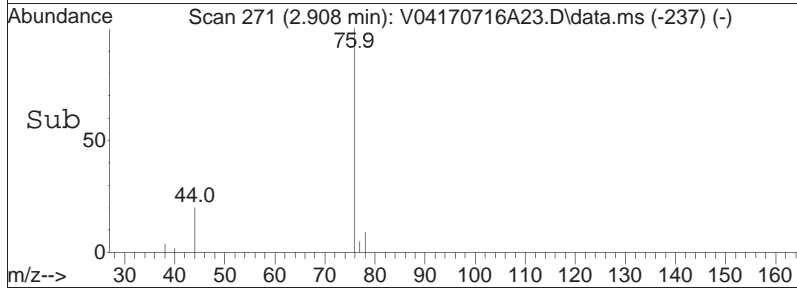
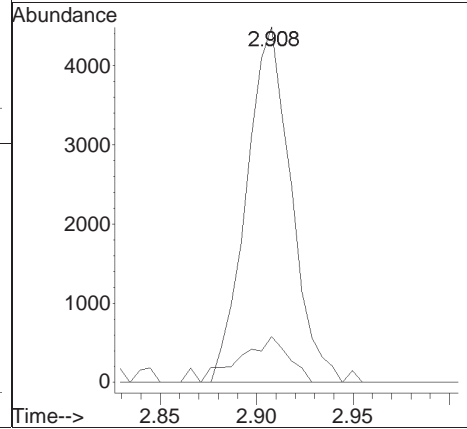
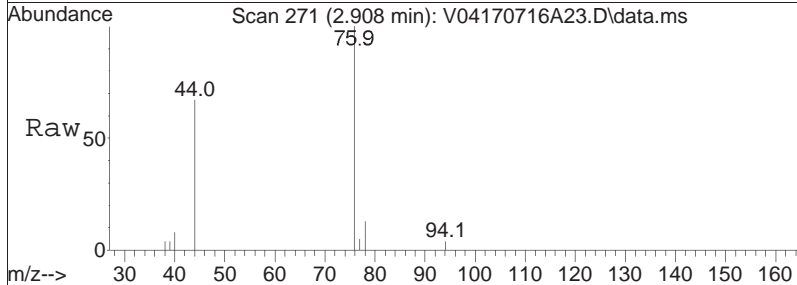
Sub List : 8260-NYTCL - Megamix plus Diox70716A\V04170716A01.D•

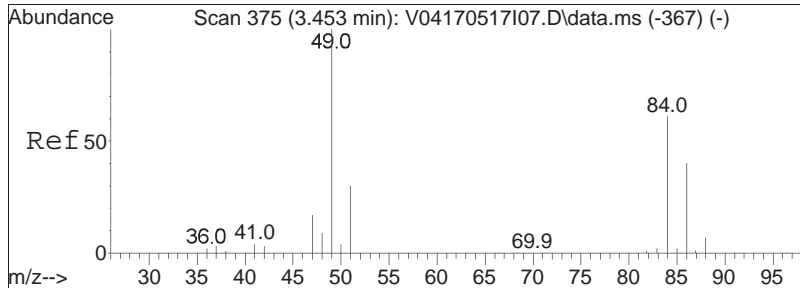




#11
 Carbon disulfide
 Concen: 0.84 ug/L
 RT: 2.908 min Scan# 271
 Delta R.T. -0.021 min
 Lab File: V04170716A23.D
 Acq: 16 Jul 2017 17:36

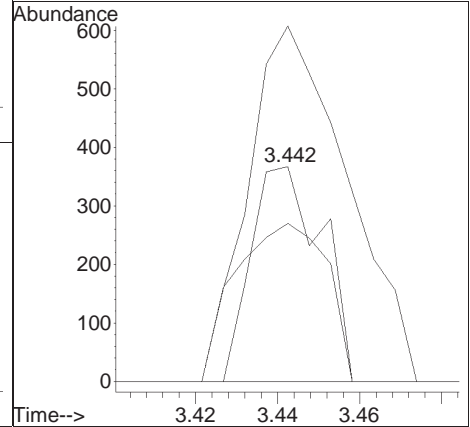
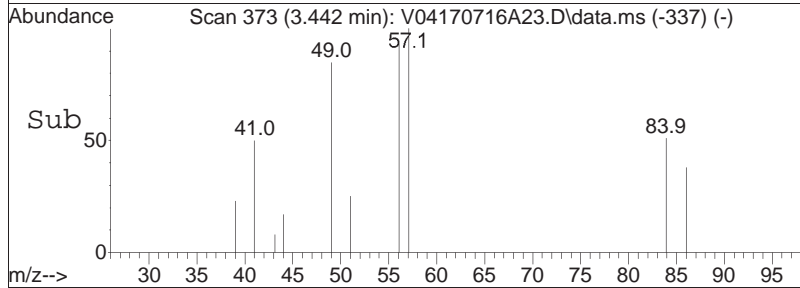
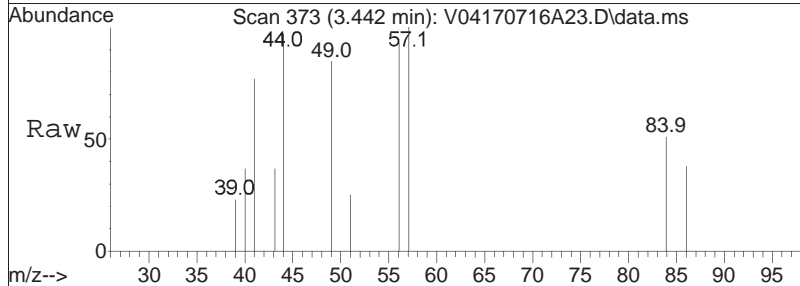
Tgt Ion: 76 Resp: 7267
 Ion Ratio Lower Upper
 76 100
 78 14.6 6.5 13.5#

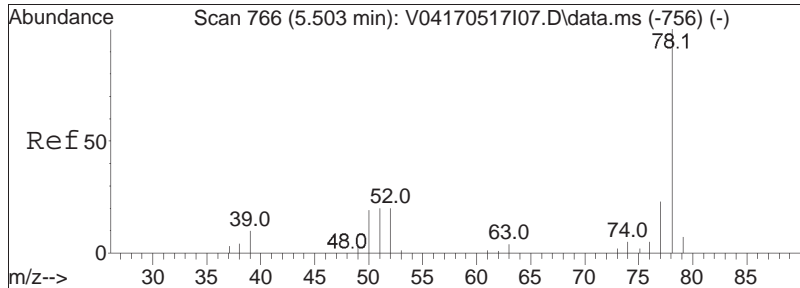




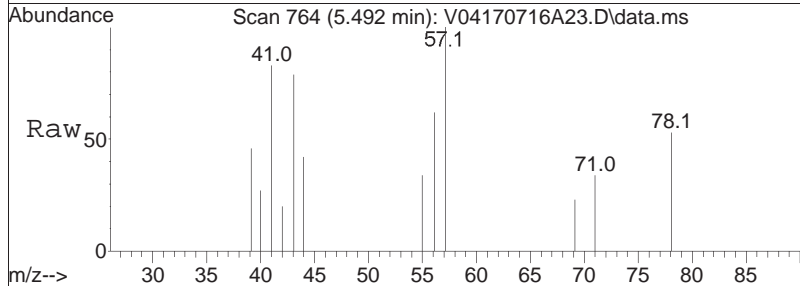
#15
 Methylene chloride
 Concen: 0.18 ug/L
 RT: 3.442 min Scan# 373
 Delta R.T. -0.011 min
 Lab File: V04170716A23.D
 Acq: 16 Jul 2017 17:36

Tgt Ion:	84	Resp:	441
Ion Ratio	100	Lower	Upper
86	95.0	41.3	85.9#
49	232.0	109.1	226.7#

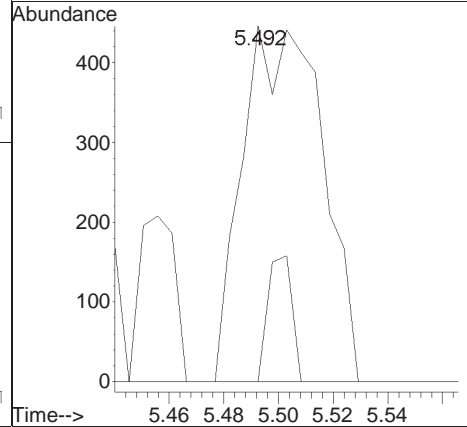
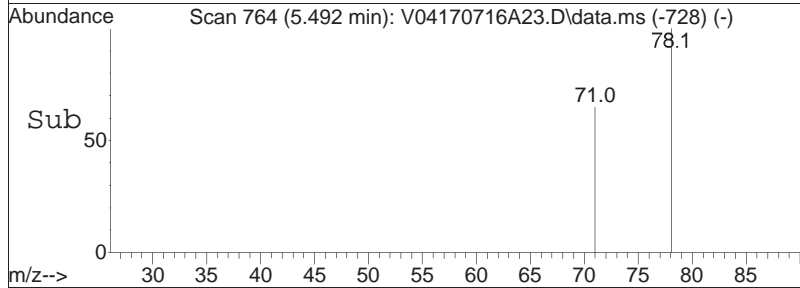


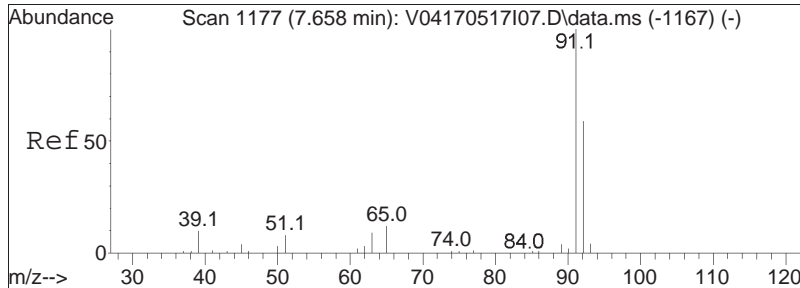


#41
 Benzene
 Concen: 0.11 ug/L
 RT: 5.492 min Scan# 764
 Delta R.T. -0.011 min
 Lab File: V04170716A23.D
 Acq: 16 Jul 2017 17:36



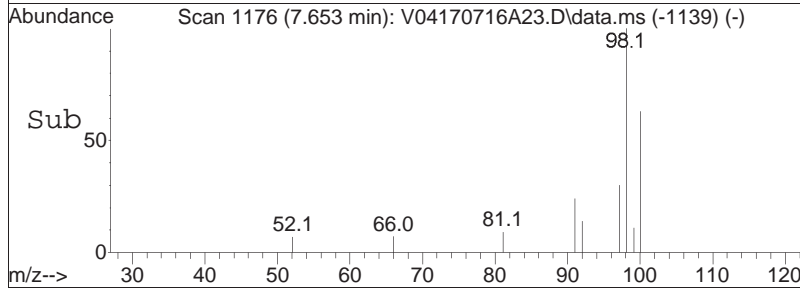
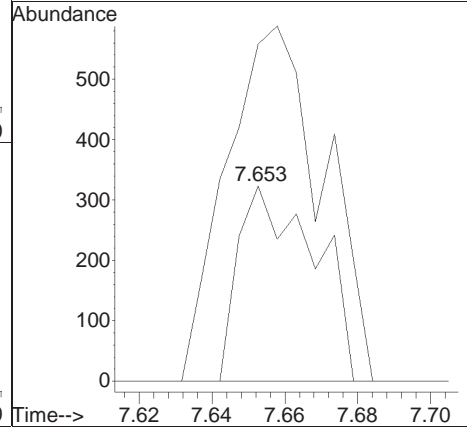
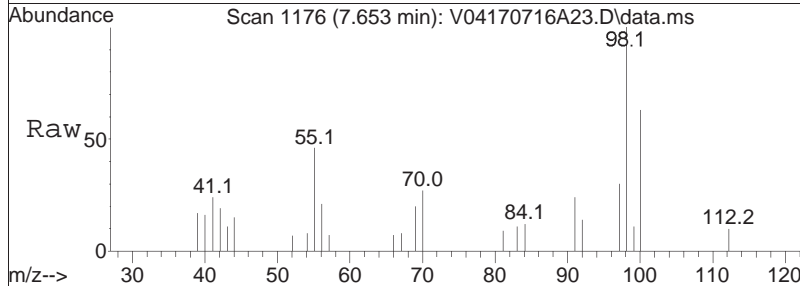
Tgt Ion:	78	77	51	52	Resp:	909	Lower	Upper
Ion Ratio	100	10.7	0.0	0.0				
		15.2	14.1	14.0				
		31.6#	29.3#	29.2#				

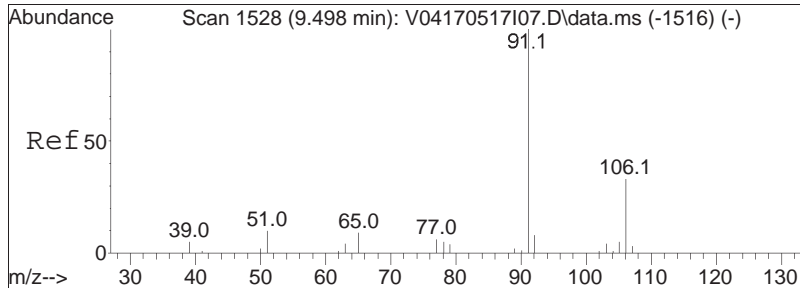




#61
 Toluene
 Concen: 0.09 ug/L
 RT: 7.653 min Scan# 1176
 Delta R.T. -0.005 min
 Lab File: V04170716A23.D
 Acq: 16 Jul 2017 17:36

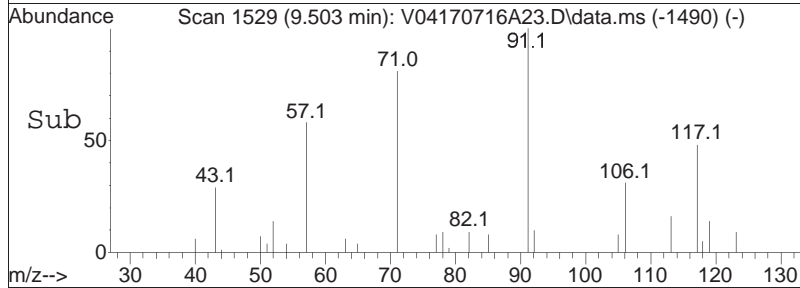
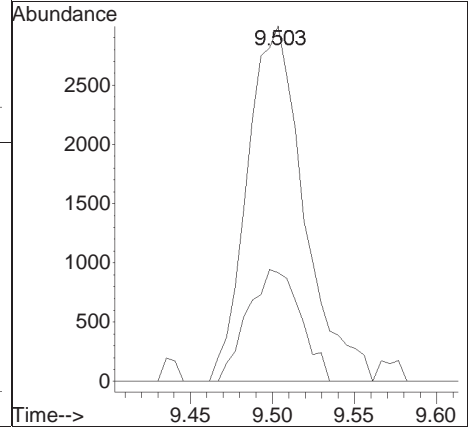
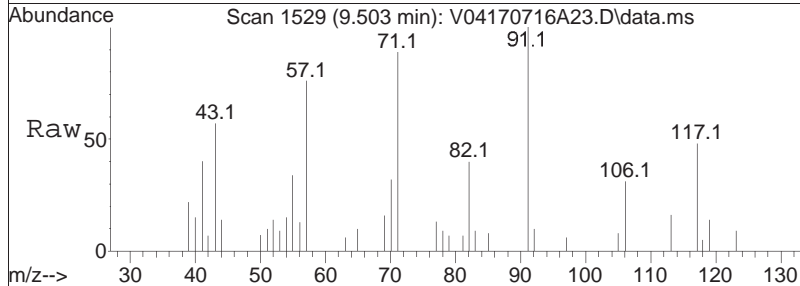
Tgt Ion	Resp	Lower	Upper
92	473		
91	229.4	135.4	203.2#

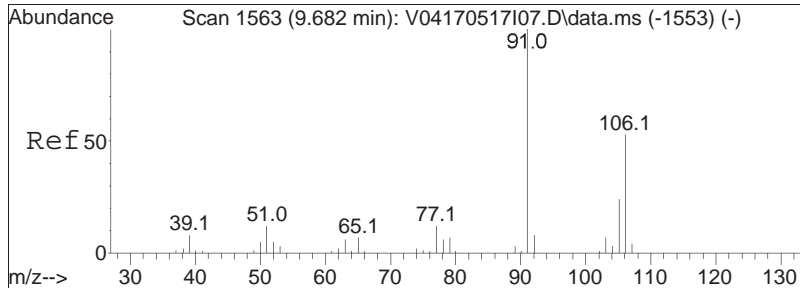




#74
 Ethylbenzene
 Concen: 0.73 ug/L
 RT: 9.503 min Scan# 1529
 Delta R.T. 0.005 min
 Lab File: V04170716A23.D
 Acq: 16 Jul 2017 17:36

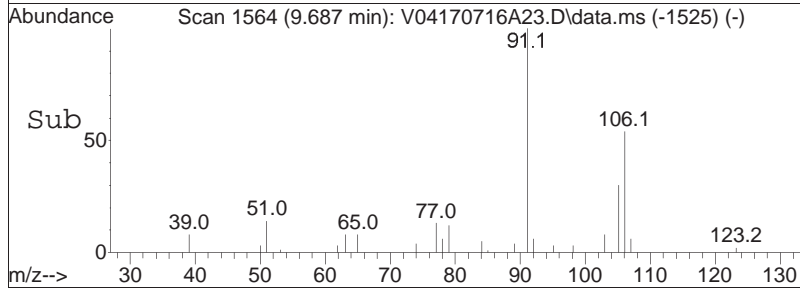
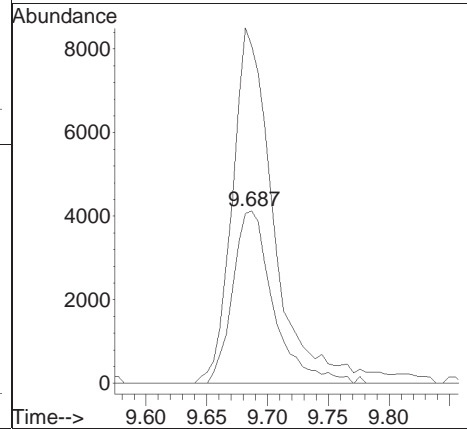
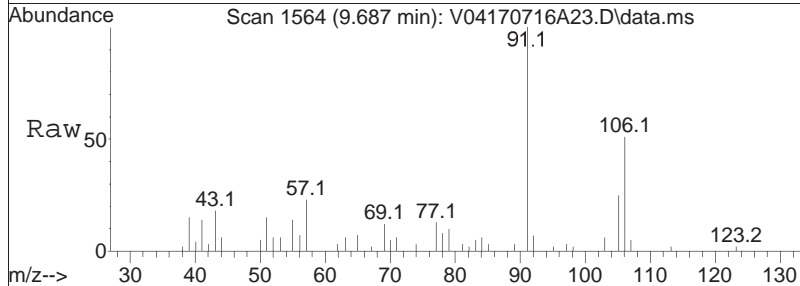
Tgt Ion: 91 Resp: 7221
 Ion Ratio Lower Upper
 91 100
 106 29.4 25.8 38.8

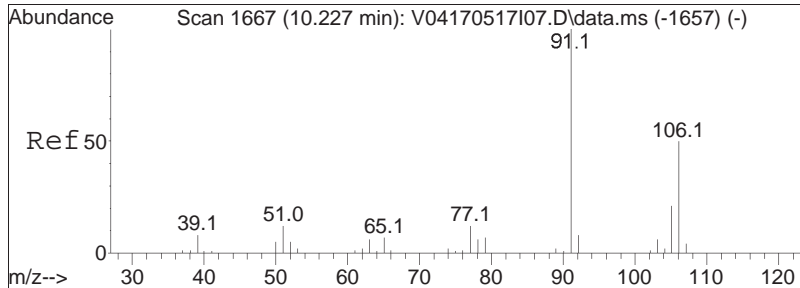




#76
 p/m Xylene
 Concen: 2.43 ug/L
 RT: 9.687 min Scan# 1564
 Delta R.T. 0.005 min
 Lab File: V04170716A23.D
 Acq: 16 Jul 2017 17:36

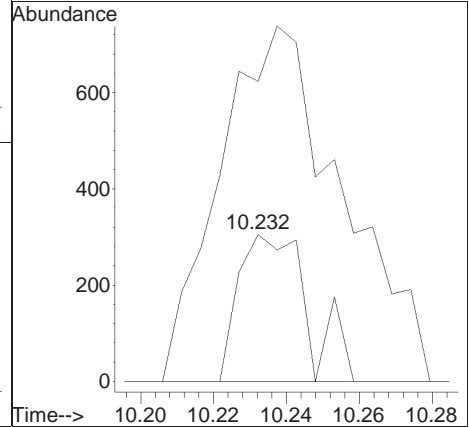
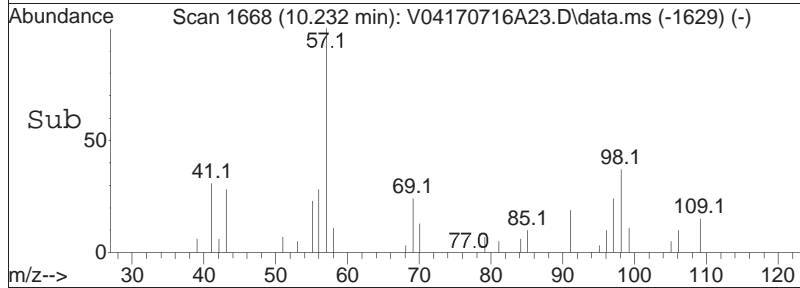
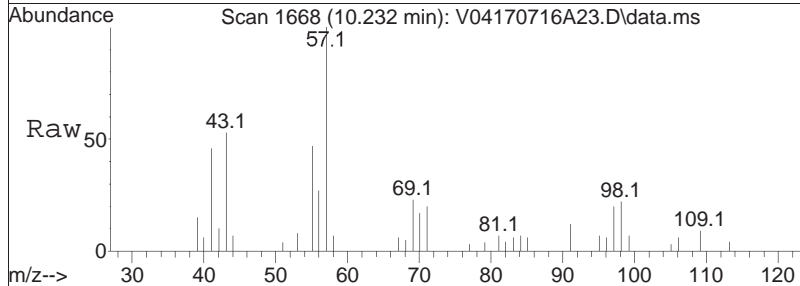
Tgt Ion	Ratio	Lower	Upper
106	100		
91	211.3	155.4	233.0

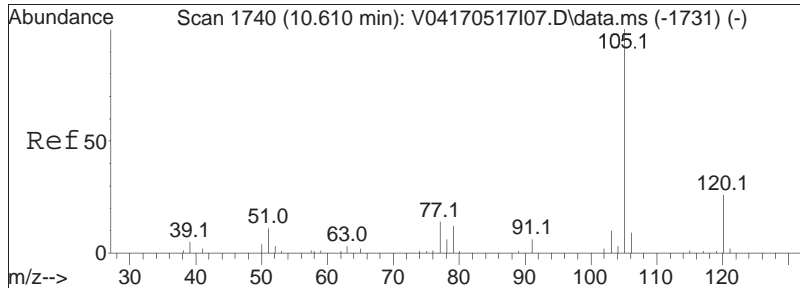




#77
 o Xylene
 Concen: 0.11 ug/L
 RT: 10.232 min Scan# 1668
 Delta R.T. 0.005 min
 Lab File: V04170716A23.D
 Acq: 16 Jul 2017 17:36

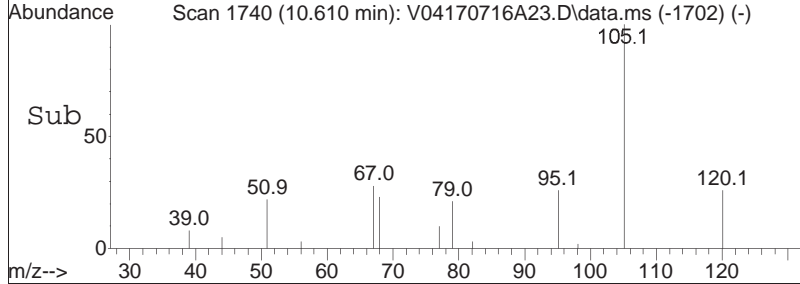
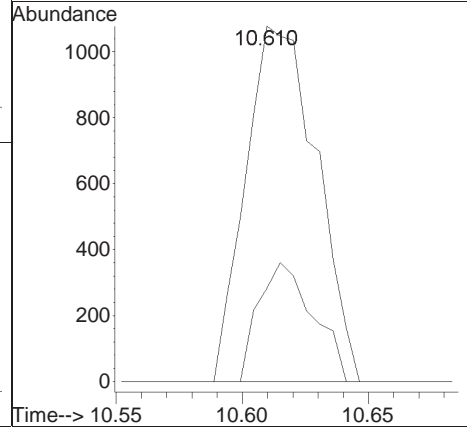
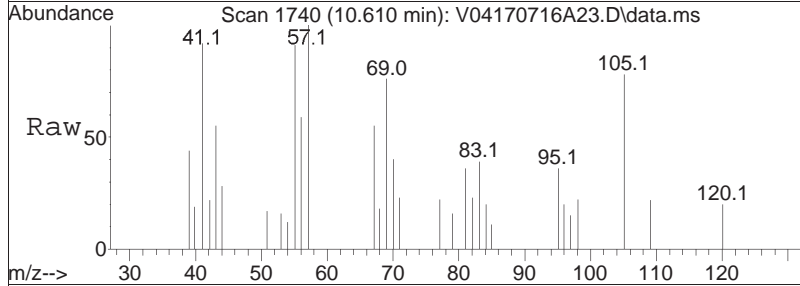
Tgt Ion	Ratio	Lower	Upper
106	100		
91	430.4	164.9	247.3#

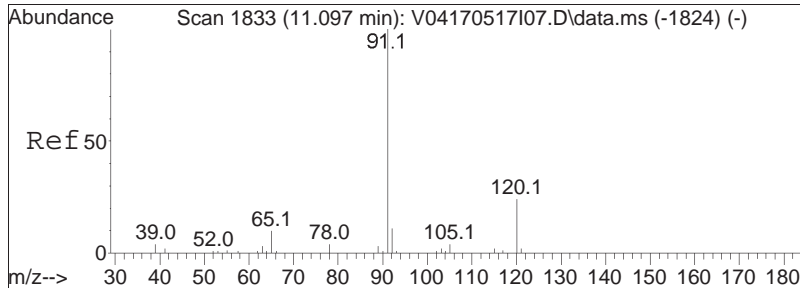




#82
 Isopropylbenzene
 Concen: 0.21 ug/L
 RT: 10.610 min Scan# 1740
 Delta R.T. -0.000 min
 Lab File: V04170716A23.D
 Acq: 16 Jul 2017 17:36

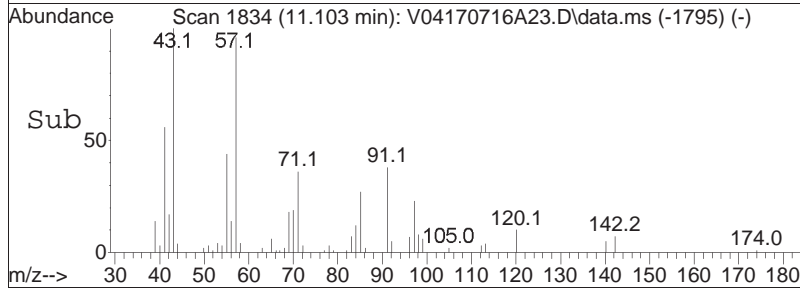
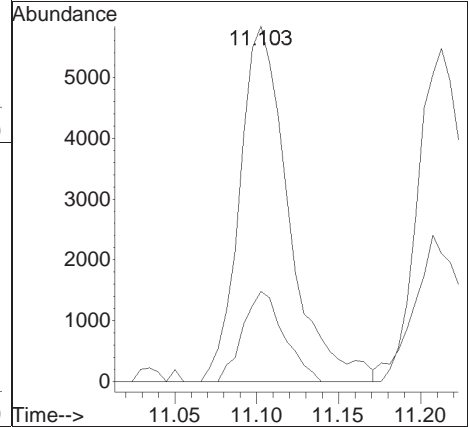
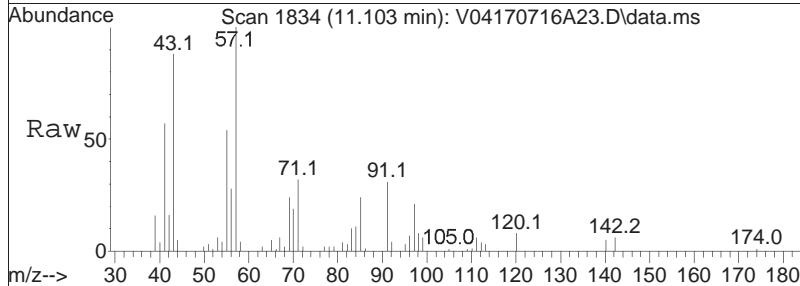
Tgt Ion: 105 Resp: 2105
 Ion Ratio Lower Upper
 105 100
 120 25.7 6.3 46.3

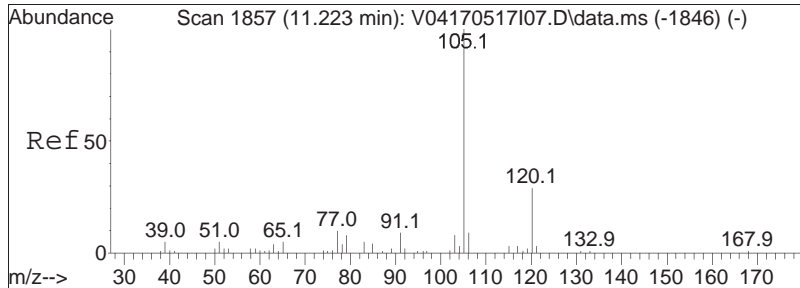




#85
 n-Propylbenzene
 Concen: 1.10 ug/L
 RT: 11.103 min Scan# 1834
 Delta R.T. 0.006 min
 Lab File: V04170716A23.D
 Acq: 16 Jul 2017 17:36

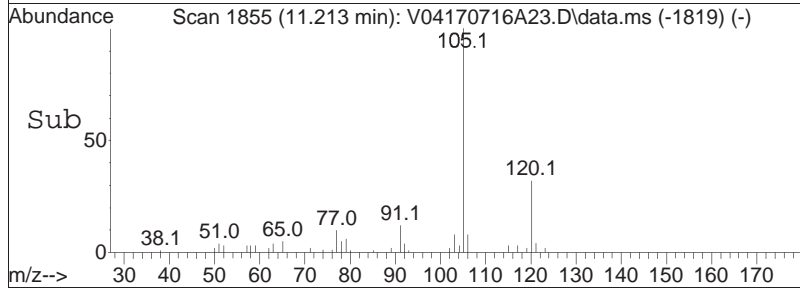
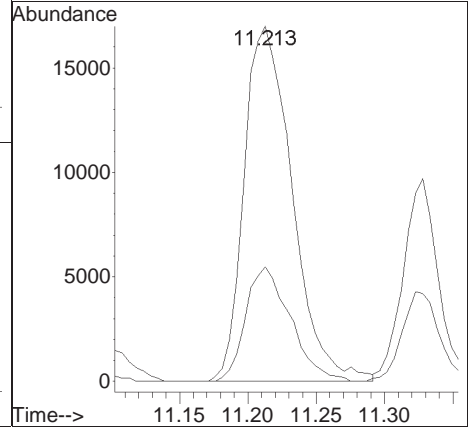
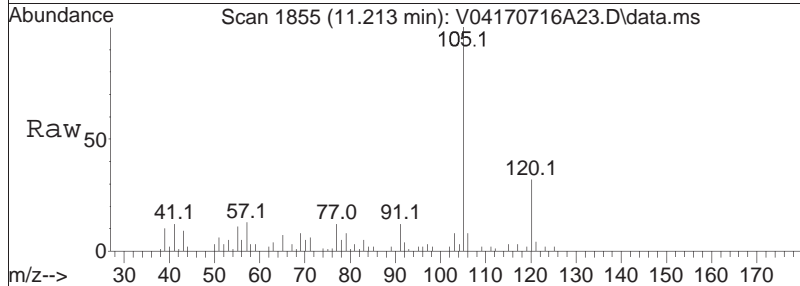
Tgt Ion	Resp	Lower	Upper
91	12185		
120	21.2	19.1	28.7

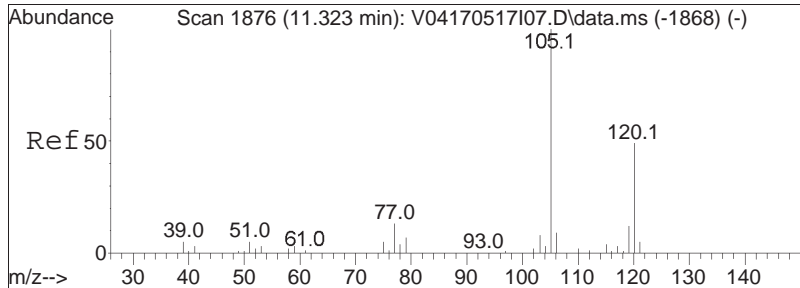




#88
 4-Ethyltoluene
 Concen: 4.34 ug/L
 RT: 11.213 min Scan# 1855
 Delta R.T. -0.010 min
 Lab File: V04170716A23.D
 Acq: 16 Jul 2017 17:36

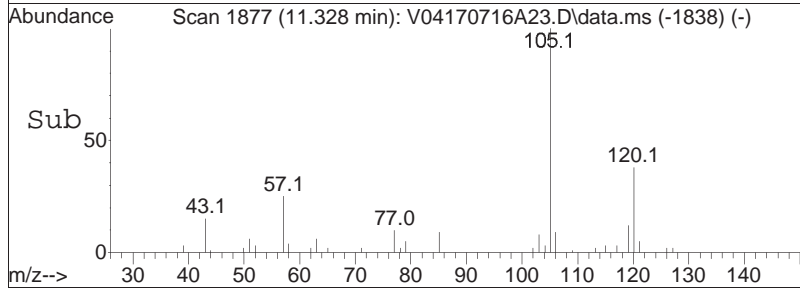
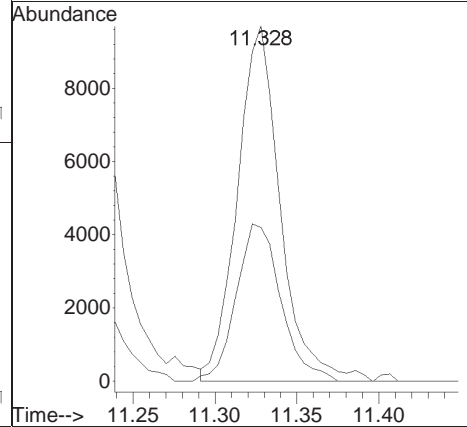
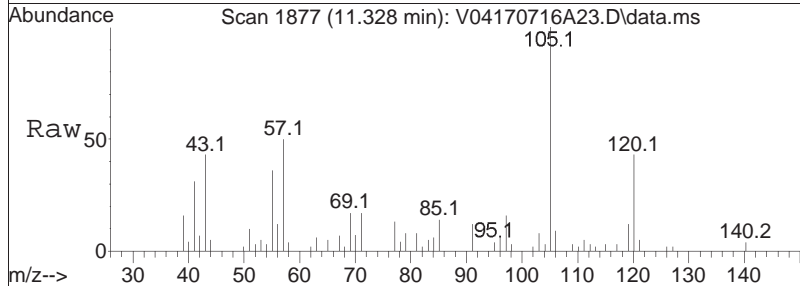
Tgt Ion	Resp	Lower	Upper
105	100		
120	30.1	19.5	40.5

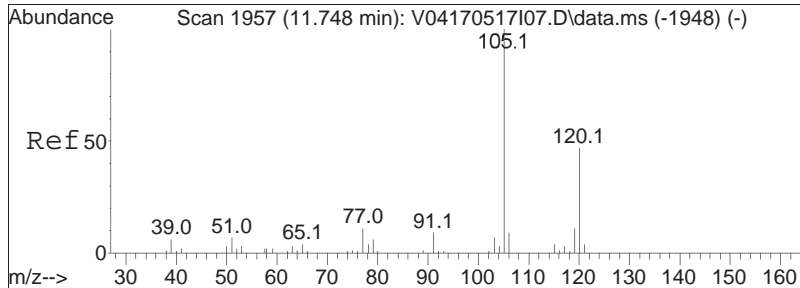




#90
 1,3,5-Trimethylbenzene
 Concen: 2.13 ug/L
 RT: 11.328 min Scan# 1877
 Delta R.T. 0.005 min
 Lab File: V04170716A23.D
 Acq: 16 Jul 2017 17:36

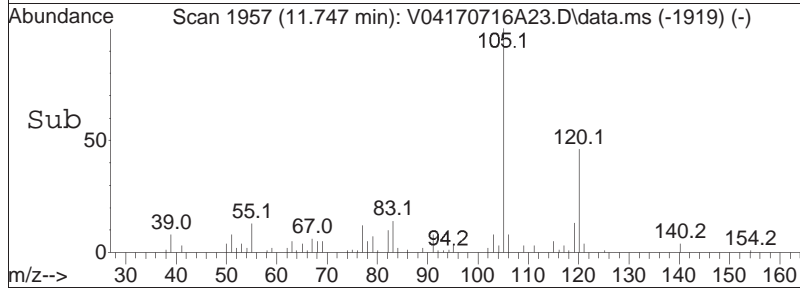
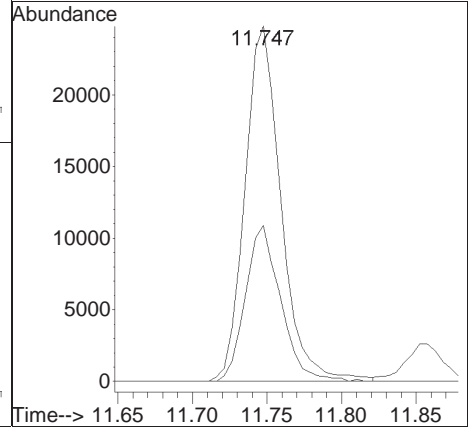
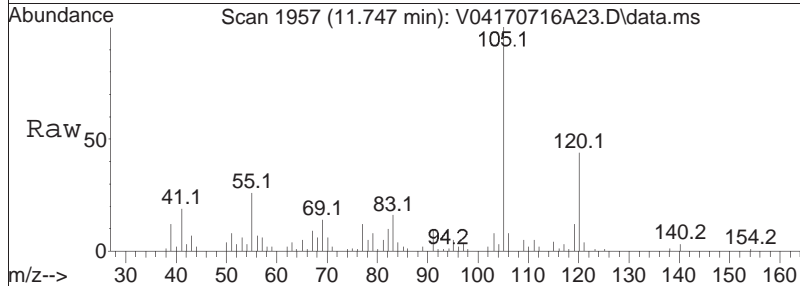
Tgt Ion	Resp	Lower	Upper
105	100		
120	46.2	38.9	58.3

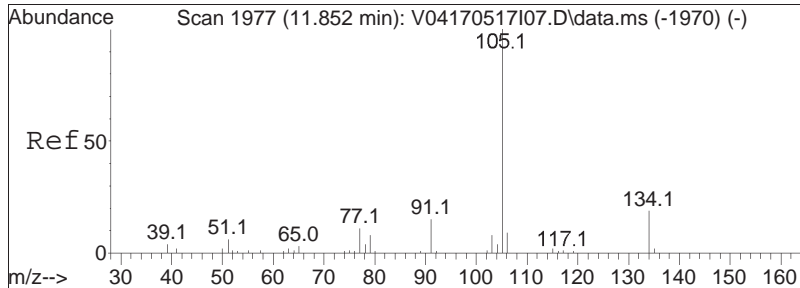




#97
 1,2,4-Trimethylbenzene
 Concen: 5.01 ug/L
 RT: 11.747 min Scan# 1957
 Delta R.T. -0.001 min
 Lab File: V04170716A23.D
 Acq: 16 Jul 2017 17:36

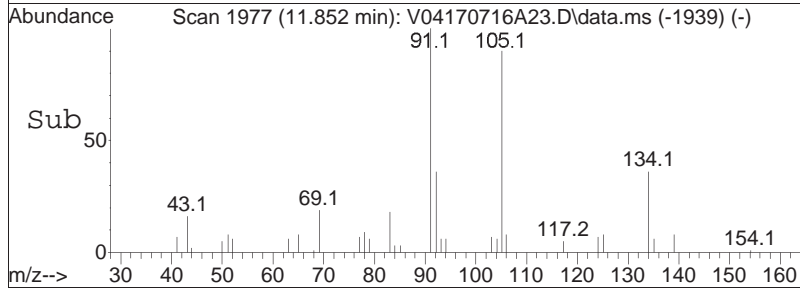
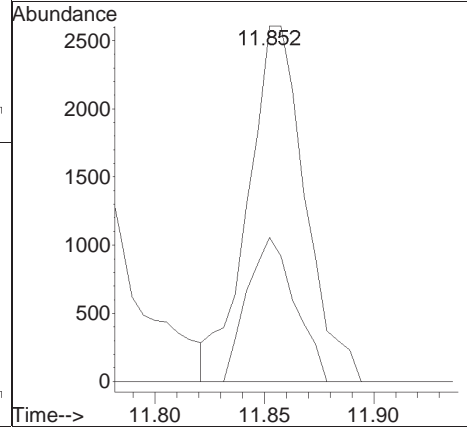
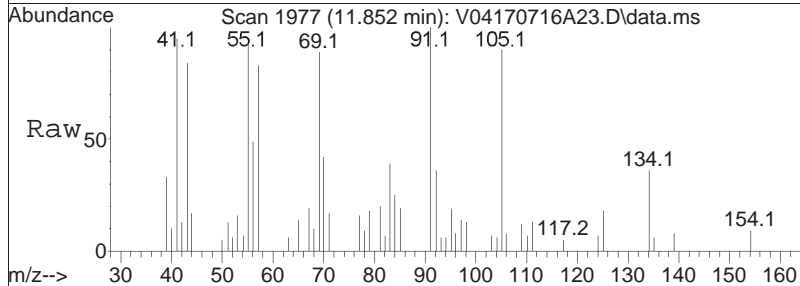
Tgt Ion	Resp	Lower	Upper
105	100		
120	42.9	36.8	55.2

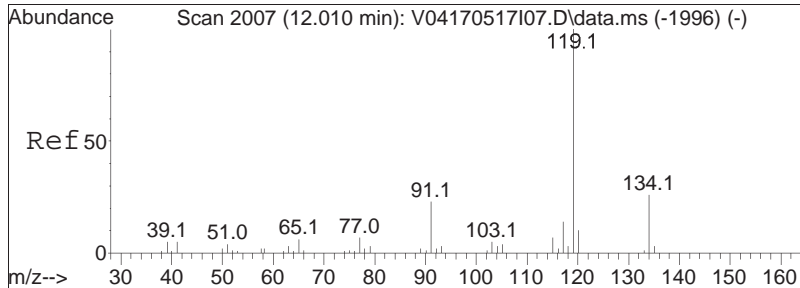




#98
 sec-Butylbenzene
 Concen: 0.46 ug/L
 RT: 11.852 min Scan# 1977
 Delta R.T. 0.000 min
 Lab File: V04170716A23.D
 Acq: 16 Jul 2017 17:36

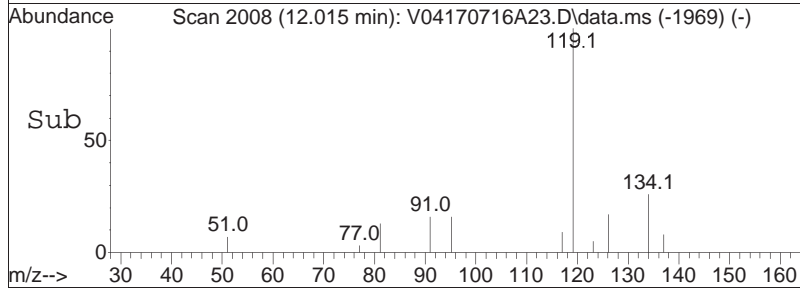
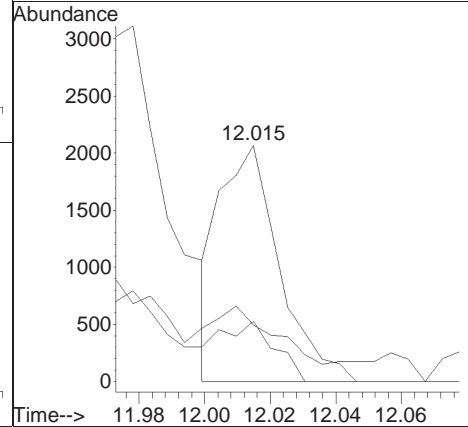
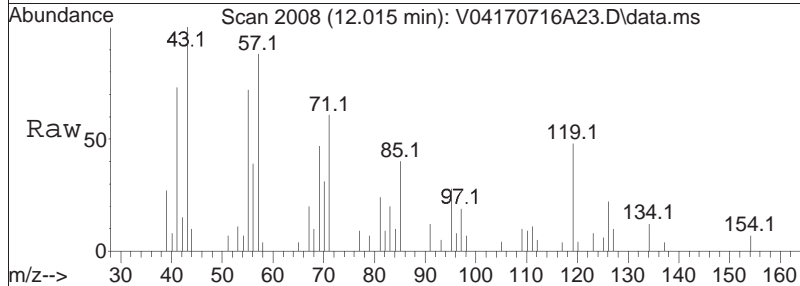
Tgt Ion	Resp	Lower	Upper
105	4742		
105	100		
134	34.0	12.9	26.9#

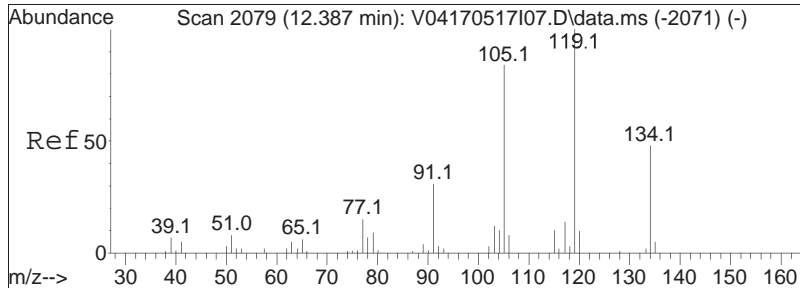




#99
 p-Isopropyltoluene
 Concen: 0.29 ug/L
 RT: 12.015 min Scan# 2008
 Delta R.T. 0.005 min
 Lab File: V04170716A23.D
 Acq: 16 Jul 2017 17:36

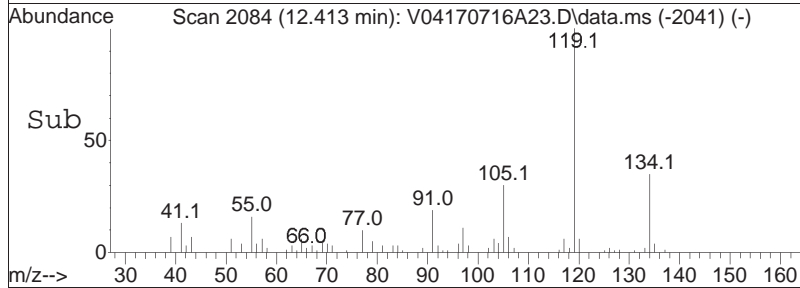
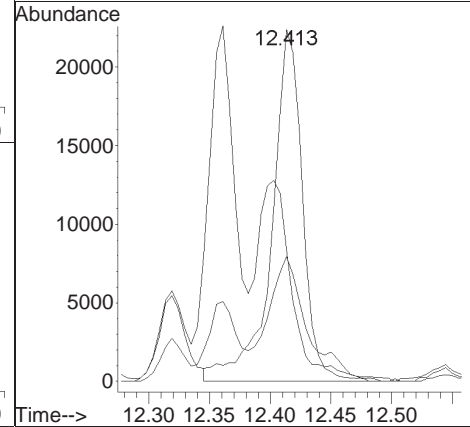
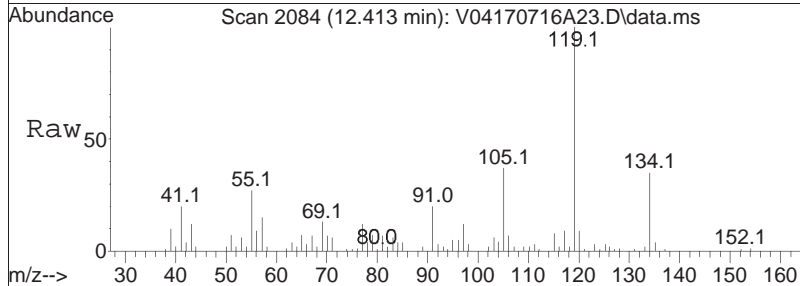
Tgt Ion	Ratio	Lower	Upper
119	100		
134	23.0	17.2	35.8
91	32.9	14.4	30.0#

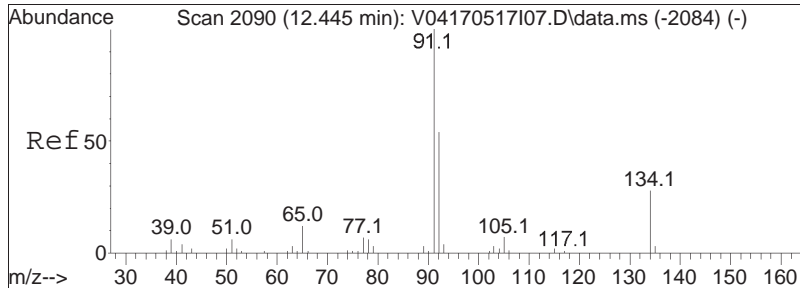




#102
 p-Diethylbenzene
 Concen: 7.53 ug/L
 RT: 12.413 min Scan# 2084
 Delta R.T. 0.026 min
 Lab File: V04170716A23.D
 Acq: 16 Jul 2017 17:36

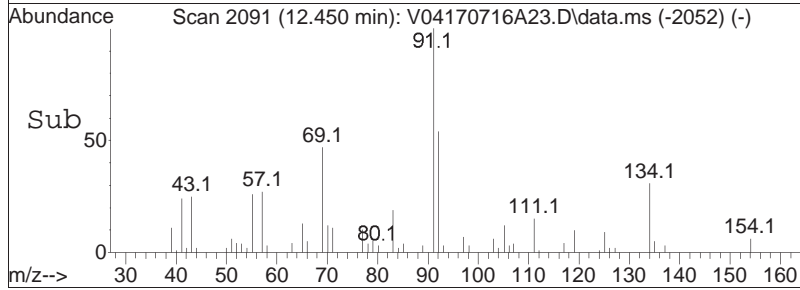
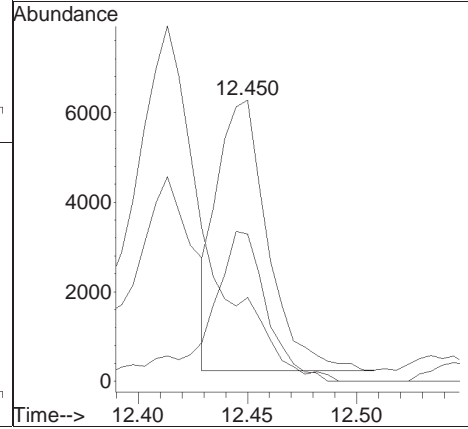
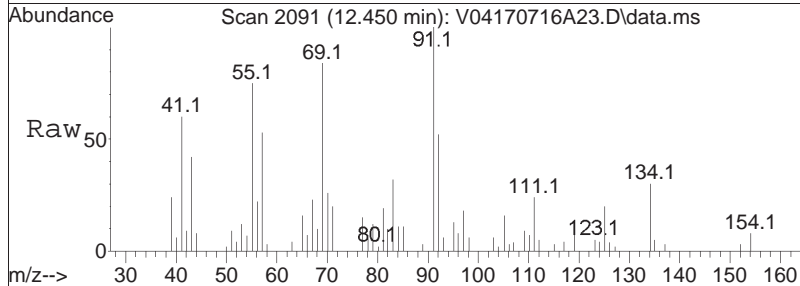
Tgt Ion	Resp	Lower	Upper
119	39473		
105	63.9	55.3	114.8
134	45.0	30.7	63.9

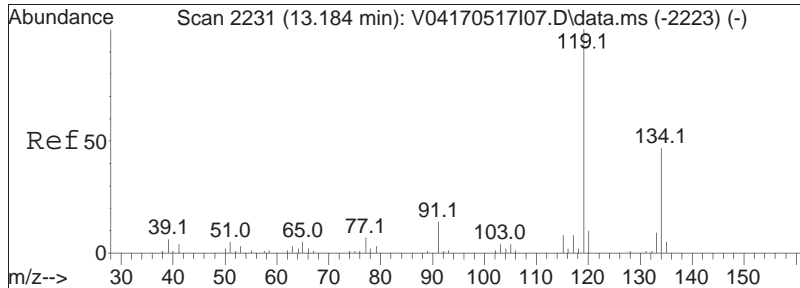




#103
 n-Butylbenzene
 Concen: 1.25 ug/L
 RT: 12.450 min Scan# 2091
 Delta R.T. 0.005 min
 Lab File: V04170716A23.D
 Acq: 16 Jul 2017 17:36

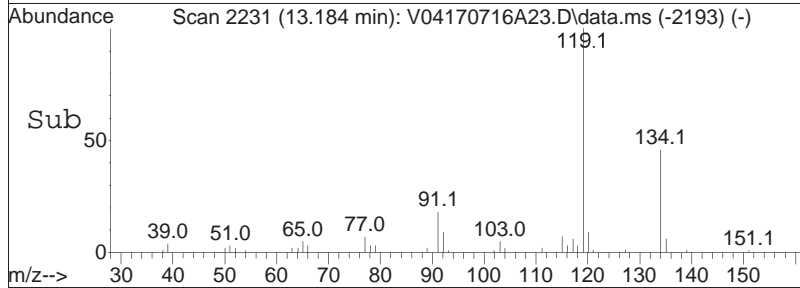
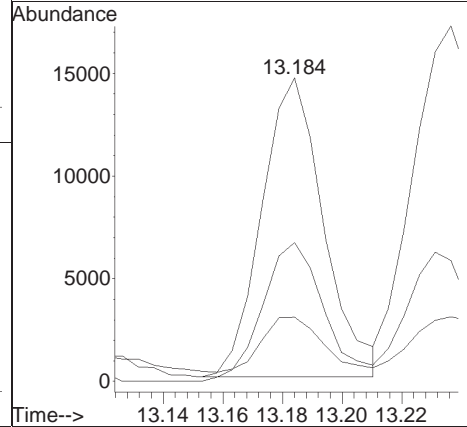
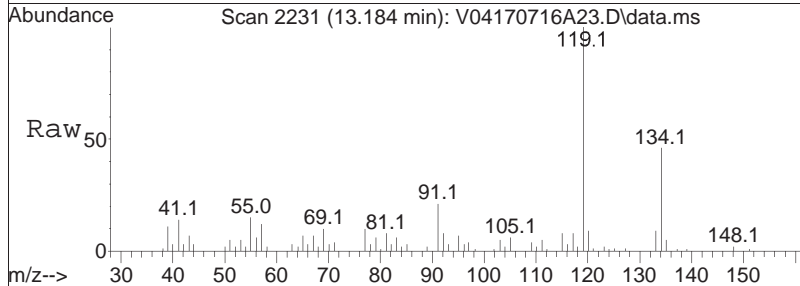
Tgt Ion:	91	Resp:	9738
Ion Ratio	Lower	Upper	
91	100		
92	64.6	45.0	67.4
134	0.0	23.4	35.0#

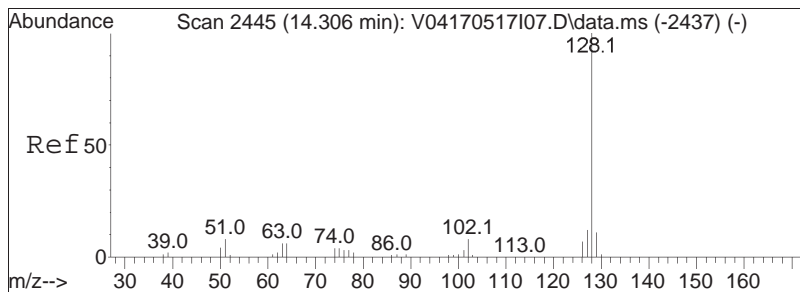




#105
 1,2,4,5-Tetramethylbenzene
 Concen: 2.45 ug/L
 RT: 13.184 min Scan# 2231
 Delta R.T. 0.000 min
 Lab File: V04170716A23.D
 Acq: 16 Jul 2017 17:36

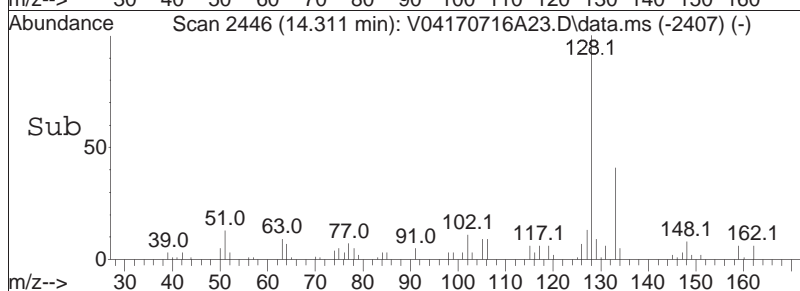
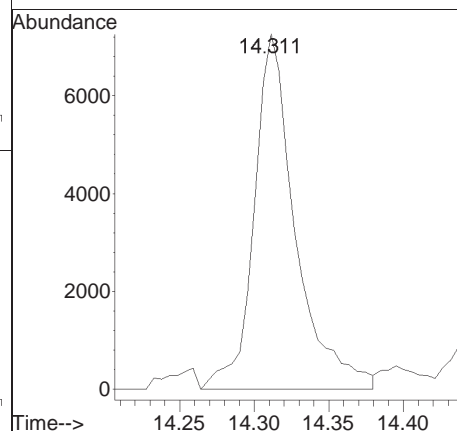
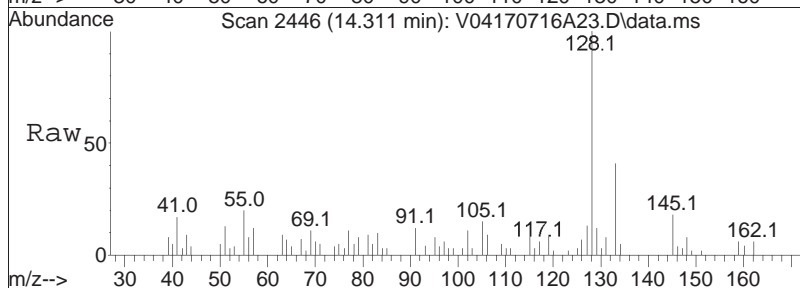
Tgt Ion	Resp	Lower	Upper
119	100		
134	46.6	31.6	65.6
91	19.6	9.8	20.3





#110
 Naphthalene
 Concen: 1.90 ug/L
 RT: 14.311 min Scan# 2446
 Delta R.T. 0.005 min
 Lab File: V04170716A23.D
 Acq: 16 Jul 2017 17:36

Tgt Ion:128 Resp: 14073



Manual Integration Report

Data Path : I:\VOLATILES\VOA104\2017\1QMethod : V104_170517_8260.m
Data File : V04170716A23.D Operator : VOA104:MV
Date Inj'd : 7/16/2017 17:36 Instrument : VOA 104
Sample : 11723686-07,31H,7.7,5,0.10Quant Date : 7/17/2017 6:34 am

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA104\2017\170716A\
 Data File : V04170716A24.D
 Acq On : 16 Jul 2017 18:02
 Operator : VOA104:MV
 Sample : 11723686-09D,31H,5.8,5,0.002,,a
 Misc : WG1023156,ICAL13672
 ALS Vial : 24 Sample Multiplier: 1

Quant Time: Jul 17 11:20:55 2017
 Quant Method : I:\VOLATILES\VOA104\2017\170716A\V104_170517_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 18 06:45:13 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA104\2017\170716A\V04170716A01.D
 Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	

Internal Standards							
1) Fluorobenzene	5.923	96	167986	20.000	ug/L	0.00	
Standard Area 1 = 169470			Recovery =	99.12%			
59) Chlorobenzene-d5	9.441	117	130552	20.000	ug/L	0.00	
Standard Area 1 = 130956			Recovery =	99.69%			
79) 1,4-Dichlorobenzene-d4	12.162	152	63551	20.000	ug/L	0.00	
Standard Area 1 = 64627			Recovery =	98.34%			
System Monitoring Compounds							
36) Dibromofluoromethane	5.131	113	47655	20.158	ug/L	0.00	
Spiked Amount 20.000	Range 70 - 130		Recovery =	100.79%			
43) 1,2-Dichloroethane-d4	5.645	65	47922	22.122	ug/L	0.00	
Spiked Amount 20.000	Range 70 - 130		Recovery =	110.61%			
60) Toluene-d8	7.600	98	164310	21.636	ug/L	0.00	
Spiked Amount 20.000	Range 70 - 130		Recovery =	108.18%			
83) 4-Bromofluorobenzene	10.951	95	64982	23.276	ug/L	0.00	
Spiked Amount 20.000	Range 70 - 130		Recovery =	116.38%			
Target Compounds							
2) Dichlorodifluoromethane	0.000		0		N.D.		Qvalue
3) Chloromethane	1.812	50	114		N.D.		
4) Vinyl chloride	0.000		0		N.D.		
5) Bromomethane	0.000		0		N.D. d		
6) Chloroethane	0.000		0		N.D.		
7) Trichlorofluoromethane	0.000		0		N.D.		
8) Ethyl ether	0.000		0		N.D.		
10) 1,1-Dichloroethene	0.000		0		N.D.		
11) Carbon disulfide	2.934	76	10165	1.028	ug/L	98	
15) Methylene chloride	3.458	84	708	0.252	ug/L	88	
17) Acetone	0.000		0		N.D. d		
18) trans-1,2-Dichloroethene	0.000		0		N.D.		
20) Methyl tert-butyl ether	0.000		0		N.D.		
23) 1,1-Dichloroethane	0.000		0		N.D.		
25) Acrylonitrile	0.000		0		N.D. d		
27) Vinyl acetate	0.000		0		N.D. d		
28) cis-1,2-Dichloroethene	0.000		0		N.D.		
29) 2,2-Dichloropropane	0.000		0		N.D.		
30) Bromochloromethane	0.000		0		N.D.		
32) Chloroform	4.869	83	115		N.D.		

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA104\2017\170716A\
 Data File : V04170716A24.D
 Acq On : 16 Jul 2017 18:02
 Operator : VOA104:MV
 Sample : 11723686-09D,31H,5.8,5,0.002,,a
 Misc : WG1023156,ICAL13672
 ALS Vial : 24 Sample Multiplier: 1

Quant Time: Jul 17 11:20:55 2017
 Quant Method : I:\VOLATILES\VOA104\2017\170716A\V104_170517_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 18 06:45:13 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA104\2017\170716A\V04170716A01.D
 Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Carbon tetrachloride	0.000		0		N.D.	
37) 1,1,1-Trichloroethane	0.000		0		N.D.	
39) 2-Butanone	0.000		0		N.D. d	
40) 1,1-Dichloropropene	0.000		0		N.D.	
41) Benzene	5.508	78	6683	0.694	ug/L	98
44) 1,2-Dichloroethane	0.000		0		N.D.	
48) Trichloroethene	0.000		0		N.D. d	
50) Dibromomethane	0.000		0		N.D.	
51) 1,2-Dichloropropane	6.604	63	54		N.D.	
54) Bromodichloromethane	0.000		0		N.D. d	
57) 1,4-Dioxane	0.000		0		N.D.	
58) cis-1,3-Dichloropropene	0.000		0		N.D.	
61) Toluene	7.653	92	132704	23.387	ug/L	99
62) 4-Methyl-2-pentanone	0.000		0		N.D. d	
63) Tetrachloroethene	0.000		0		N.D.	
65) trans-1,3-Dichloropropene	0.000		0		N.D.	
68) 1,1,2-Trichloroethane	0.000		0		N.D. d	
69) Chlorodibromomethane	0.000		0		N.D.	
70) 1,3-Dichloropropane	0.000		0		N.D.	
71) 1,2-Dibromoethane	0.000		0		N.D.	
72) 2-Hexanone	0.000		0		N.D. d	
73) Chlorobenzene	9.493	112	353		N.D.	
74) Ethylbenzene	9.493	91	383344	35.144	ug/L	100
75) 1,1,1,2-Tetrachloroethane	0.000		0		N.D.	
76) p/m Xylene	9.677	106	567157	128.395	ug/L	99
77) o Xylene	10.227	106	164914	39.167	ug/L	98
78) Styrene	0.000		0		N.D. d	
80) Bromoform	0.000		0		N.D.	
82) Isopropylbenzene	10.610	105	32672	3.114	ug/L	99
84) Bromobenzene	0.000		0		N.D.	
85) n-Propylbenzene	11.097	91	129371	11.112	ug/L	99
87) 1,1,2,2-Tetrachloroethane	0.000		0		N.D. d	
88) 4-Ethyltoluene	11.208	105	598034	59.149	ug/L	100
89) 2-Chlorotoluene	0.000		0		N.D. d	
90) 1,3,5-Trimethylbenzene	11.323	105	188754	21.482	ug/L	98
91) 1,2,3-Trichloropropane	0.000		0		N.D. d	
92) trans-1,4-Dichloro-2-b...	0.000		0		N.D. d	
93) 4-Chlorotoluene	0.000		0		N.D. d	
94) tert-Butylbenzene	0.000		0		N.D. d	

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA104\2017\170716A\
 Data File : V04170716A24.D
 Acq On : 16 Jul 2017 18:02
 Operator : VOA104:MV
 Sample : 11723686-09D,31H,5.8,5,0.002,,a
 Misc : WG1023156,ICAL13672
 ALS Vial : 24 Sample Multiplier: 1

Quant Time: Jul 17 11:20:55 2017
 Quant Method : I:\VOLATILES\VOA104\2017\170716A\V104_170517_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 18 06:45:13 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA104\2017\170716A\V04170716A01.D
 Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97) 1,2,4-Trimethylbenzene	11.742	105	571643	65.115	ug/L	98
98) sec-Butylbenzene	11.858	105	15907M2	1.450	ug/L	
99) p-Isopropyltoluene	12.010	119	10972	1.162	ug/L	94
100) 1,3-Dichlorobenzene	0.000		0	N.D.		
101) 1,4-Dichlorobenzene	0.000		0	N.D.		
102) p-Diethylbenzene	12.413	119	89408	16.162	ug/L	81
103) n-Butylbenzene	12.445	91	19823	2.408	ug/L #	78
104) 1,2-Dichlorobenzene	0.000		0	N.D.		
105) 1,2,4,5-Tetramethylben...	13.184	119	30741	3.394	ug/L	96
106) 1,2-Dibromo-3-chloropr...	0.000		0	N.D.	d	
108) Hexachlorobutadiene	0.000		0	N.D.		
109) 1,2,4-Trichlorobenzene	14.081	180	54	N.D.		
110) Naphthalene	14.311	128	31131	3.984	ug/L	100
111) 1,2,3-Trichlorobenzene	0.000		0	N.D.		

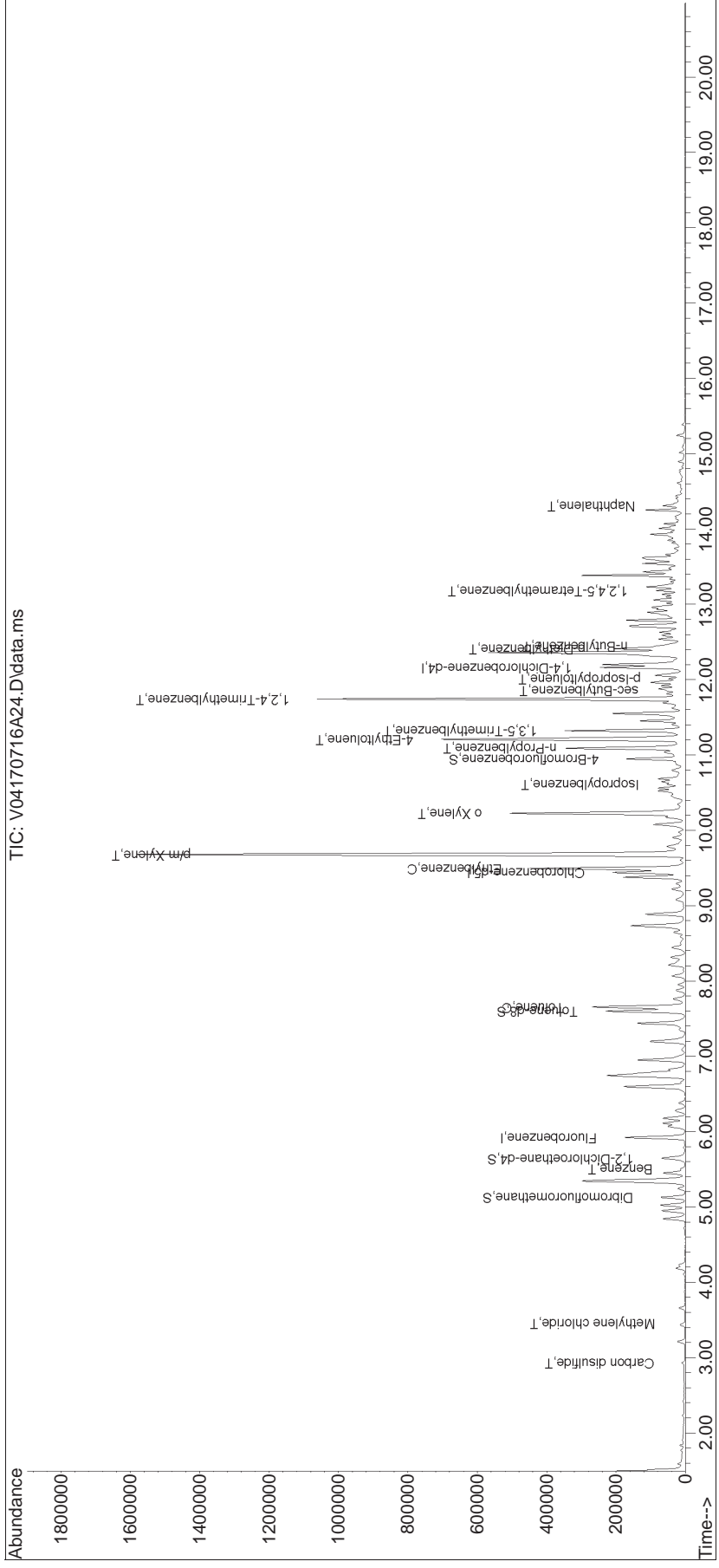
(#) = qualifier out of range (m) = manual integration (+) = signals summed

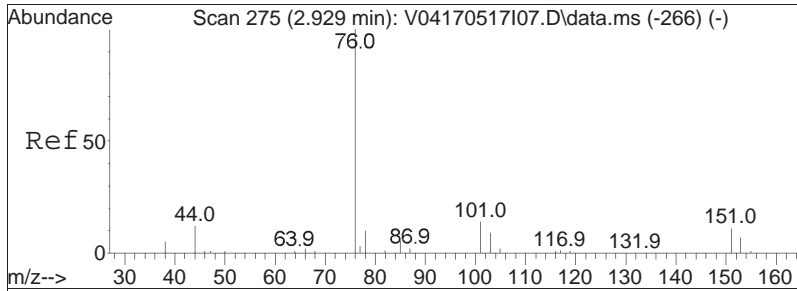
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA104\2017\170716A\
Data File : V04170716A24.D
Acq On : 16 Jul 2017 18:02
Operator : VOA104:MV
Sample : 11723686-09D,31H,5.8,5.0.002,,a
Misc : WG1023156,ICAL13672
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Jul 17 11:20:55 2017
Quant Method : I:\VOLATILES\VOA104\2017\170716A\V104_170517_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu May 18 06:45:13 2017
Response via : Initial Calibration

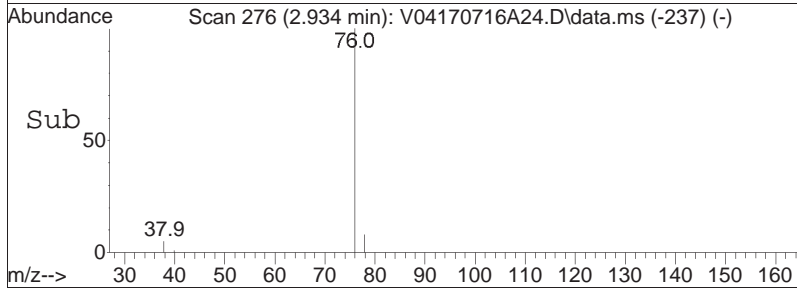
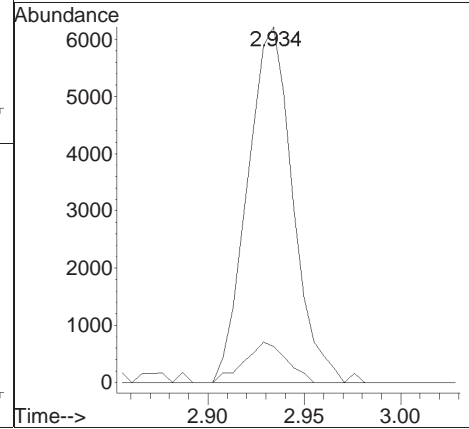
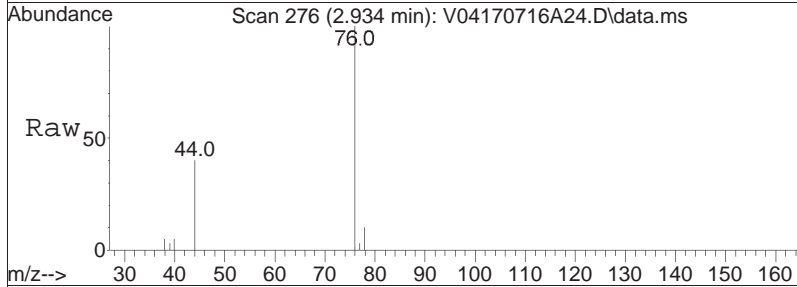
Sub List : 8260-NYTCL - Megamix plus Diox70716A\V04170716A01.D•

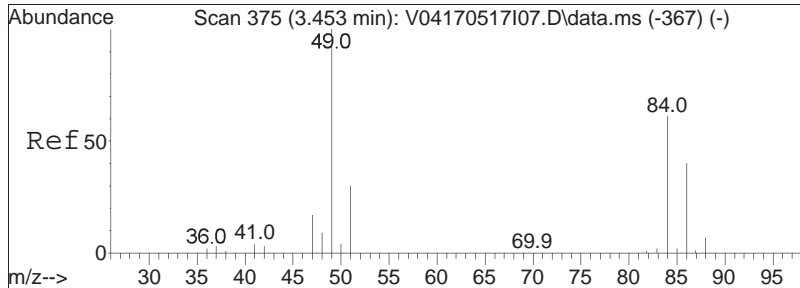




#11
 Carbon disulfide
 Concen: 1.03 ug/L
 RT: 2.934 min Scan# 276
 Delta R.T. 0.005 min
 Lab File: V04170716A24.D
 Acq: 16 Jul 2017 18:02

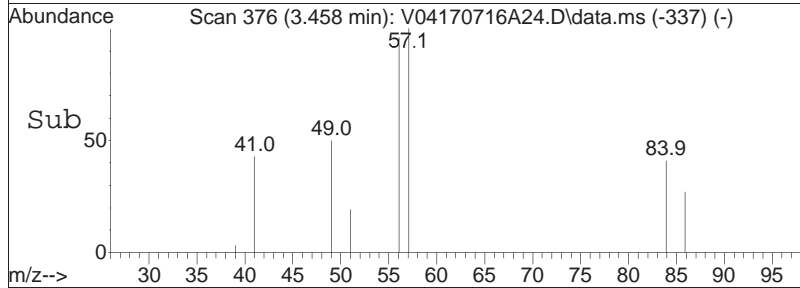
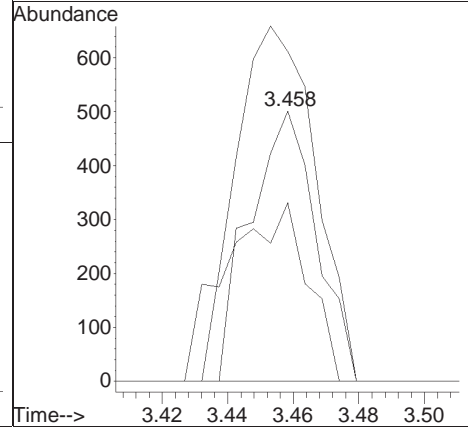
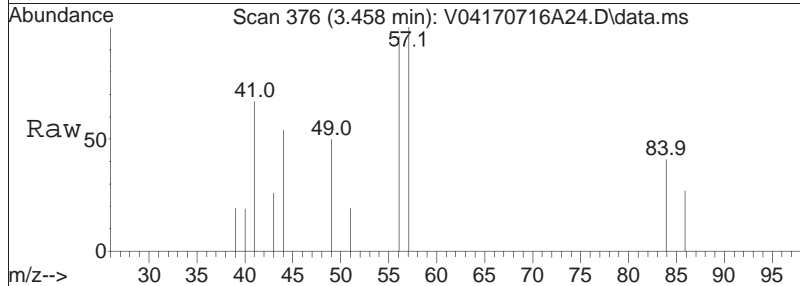
Tgt Ion: 76	Resp: 10165
Ion Ratio	Lower Upper
76	100
78	10.6 6.5 13.5

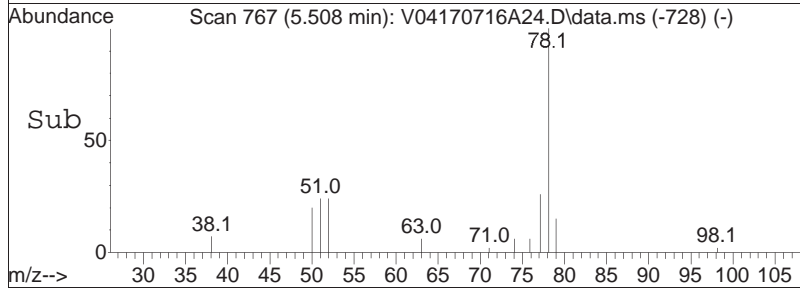
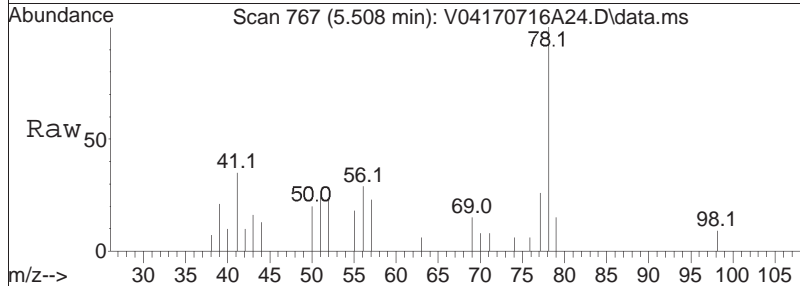
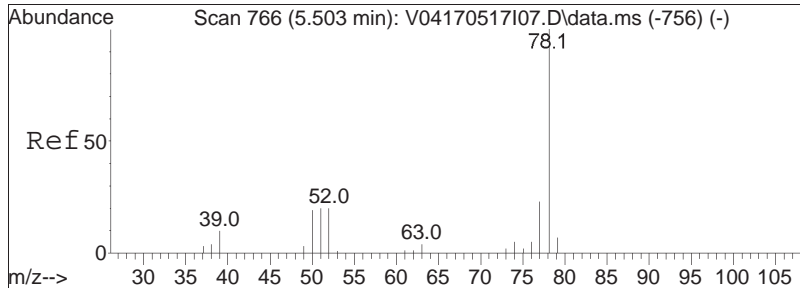




#15
 Methylene chloride
 Concen: 0.25 ug/L
 RT: 3.458 min Scan# 376
 Delta R.T. 0.005 min
 Lab File: V04170716A24.D
 Acq: 16 Jul 2017 18:02

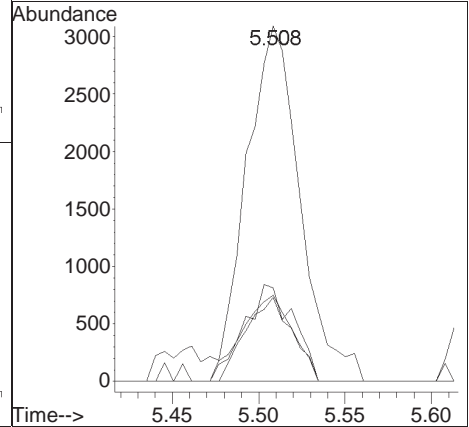
Tgt Ion:	84	Resp:	708
Ion Ratio	Lower	Upper	
84	100		
86	80.8	41.3	85.9
49	156.5	109.1	226.7

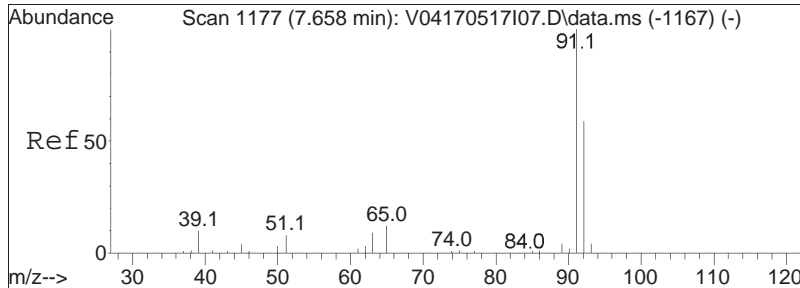




#41
Benzene
Concen: 0.69 ug/L
RT: 5.508 min Scan# 767
Delta R.T. 0.005 min
Lab File: V04170716A24.D
Acq: 16 Jul 2017 18:02

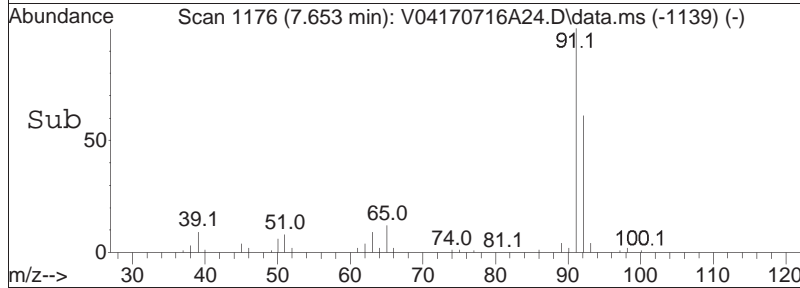
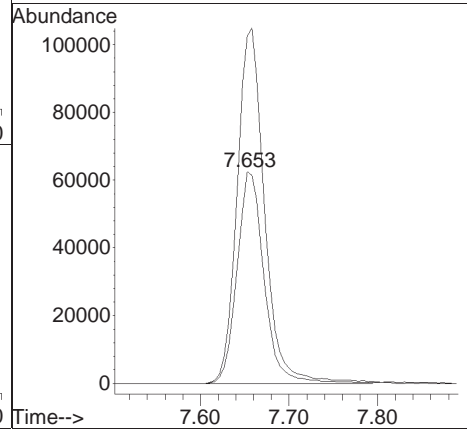
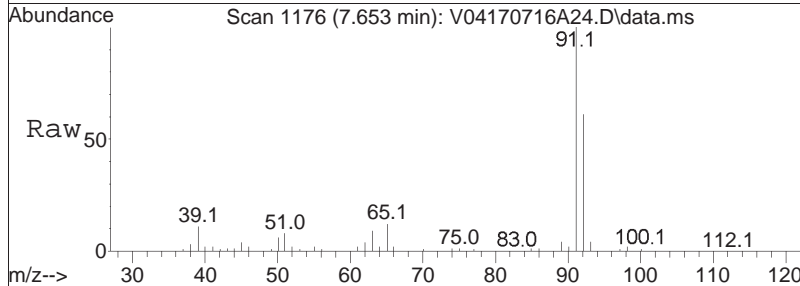
Tgt Ion	Resp	Lower	Upper
78	100		
77	25.1	15.2	31.6
51	22.2	14.1	29.3
52	20.5	14.0	29.2

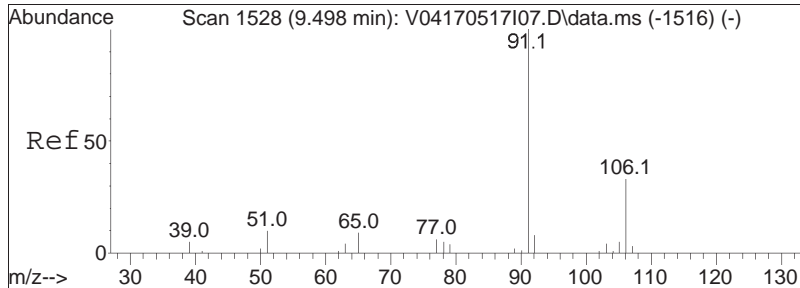




#61
 Toluene
 Concen: 23.39 ug/L
 RT: 7.653 min Scan# 1176
 Delta R.T. -0.005 min
 Lab File: V04170716A24.D
 Acq: 16 Jul 2017 18:02

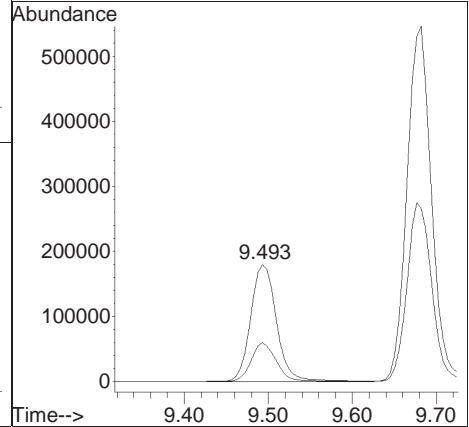
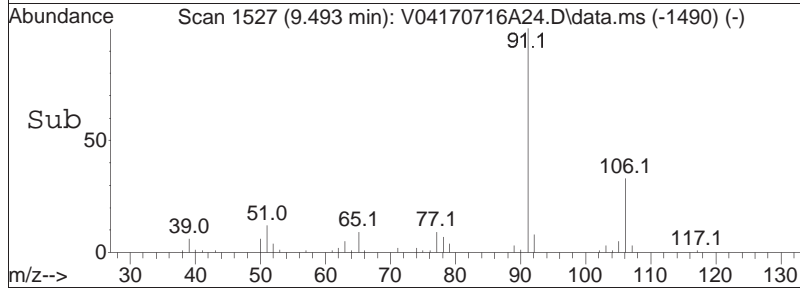
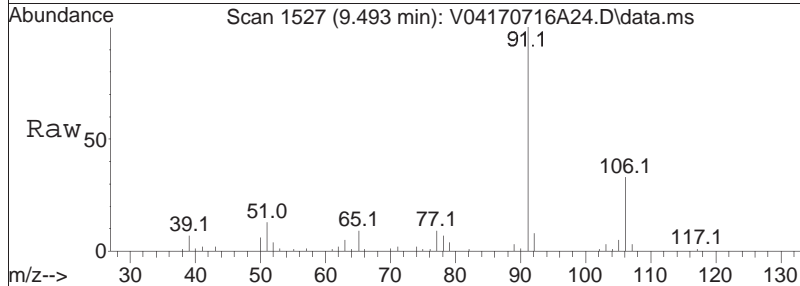
Tgt Ion:	Resp:	Lower	Upper
92	132704		
91	170.0	135.4	203.2

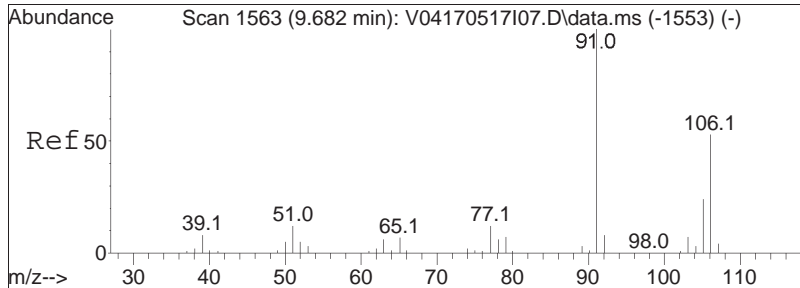




#74
 Ethylbenzene
 Concen: 35.14 ug/L
 RT: 9.493 min Scan# 1527
 Delta R.T. -0.005 min
 Lab File: V04170716A24.D
 Acq: 16 Jul 2017 18:02

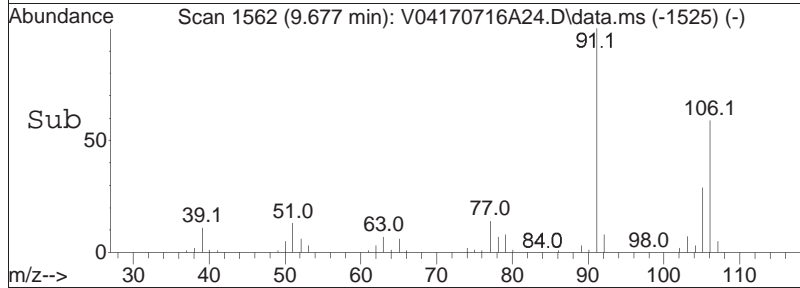
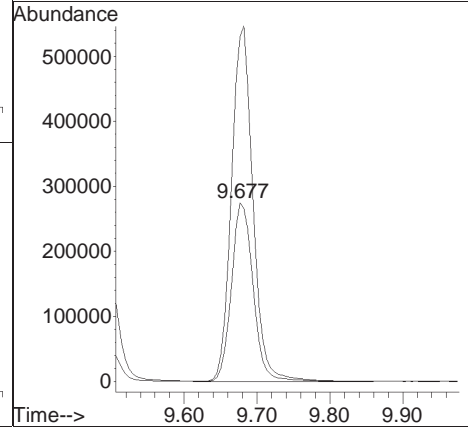
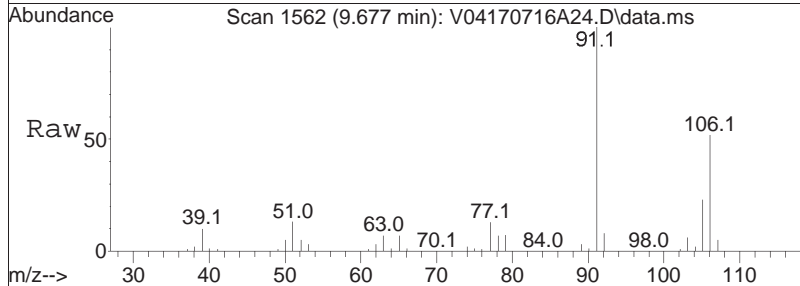
Tgt Ion:	91	Resp:	383344
Ion Ratio	100	Lower	Upper
	106	32.2	25.8 38.8

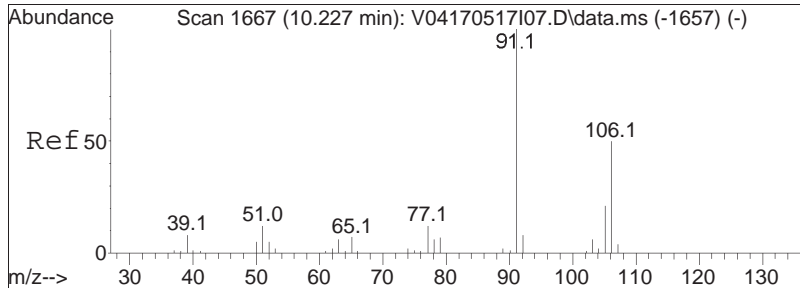




#76
 p/m Xylene
 Concen: 128.40 ug/L
 RT: 9.677 min Scan# 1562
 Delta R.T. -0.005 min
 Lab File: V04170716A24.D
 Acq: 16 Jul 2017 18:02

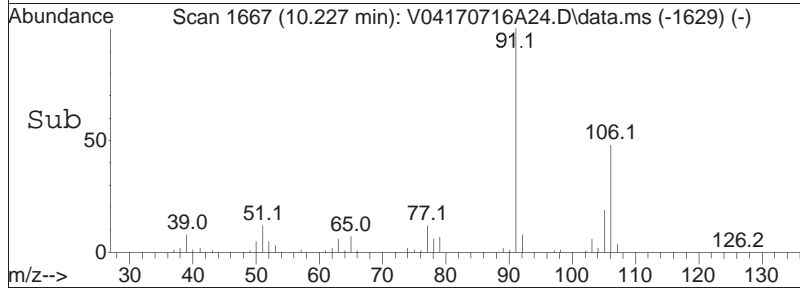
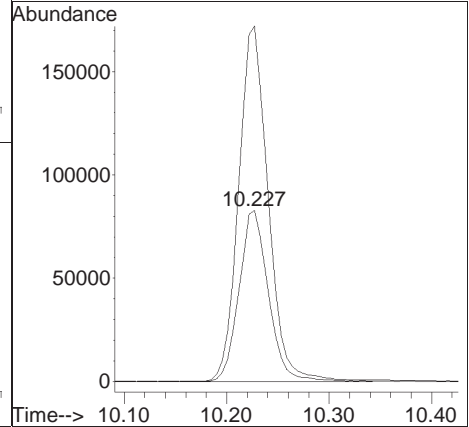
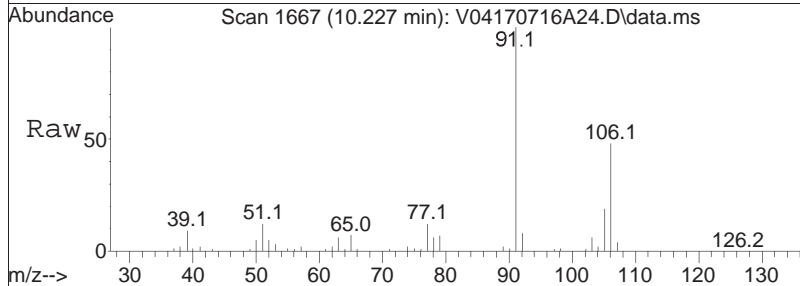
Tgt Ion	Resp	Lower	Upper
106	100		
91	195.8	155.4	233.0

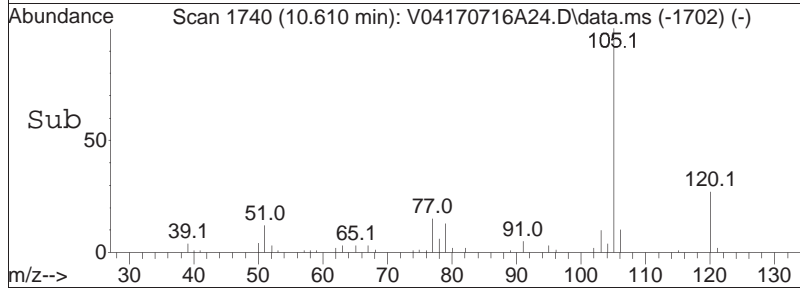
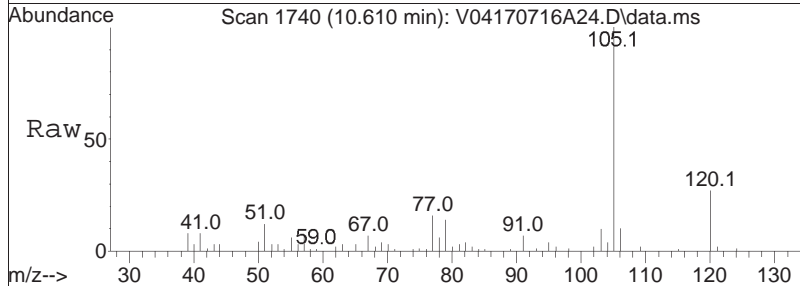
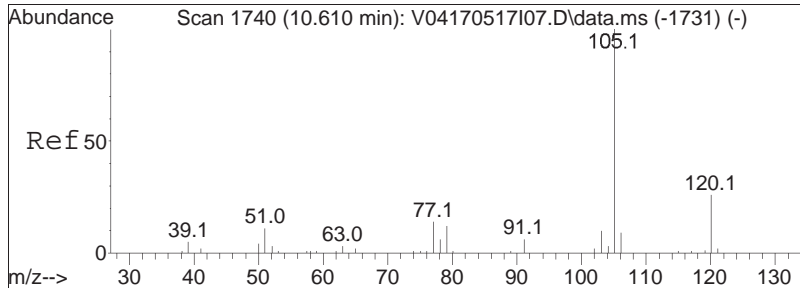




#77
 o Xylene
 Concen: 39.17 ug/L
 RT: 10.227 min Scan# 1667
 Delta R.T. 0.000 min
 Lab File: V04170716A24.D
 Acq: 16 Jul 2017 18:02

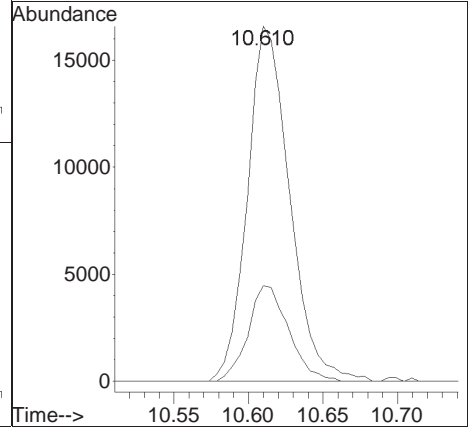
Tgt Ion	Resp	Lower	Upper
106	100		
91	208.9	164.9	247.3

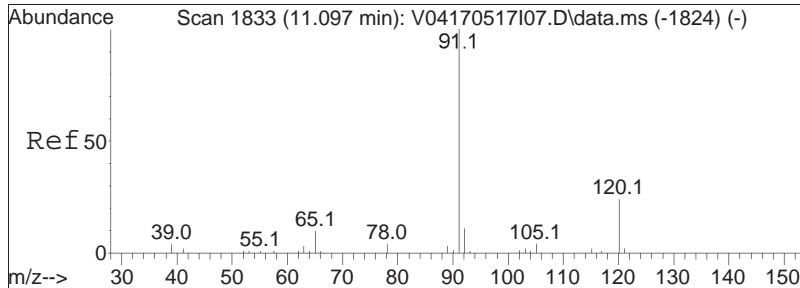




#82
 Isopropylbenzene
 Concen: 3.11 ug/L
 RT: 10.610 min Scan# 1740
 Delta R.T. -0.000 min
 Lab File: V04170716A24.D
 Acq: 16 Jul 2017 18:02

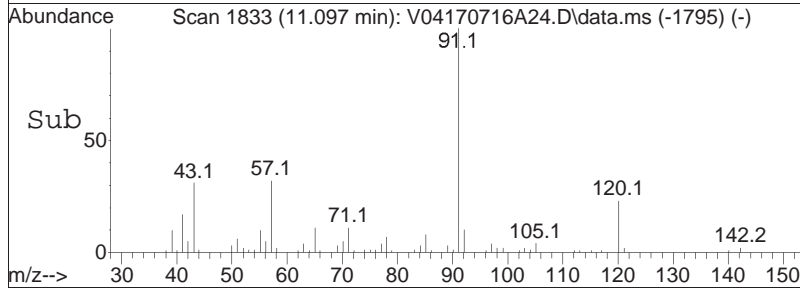
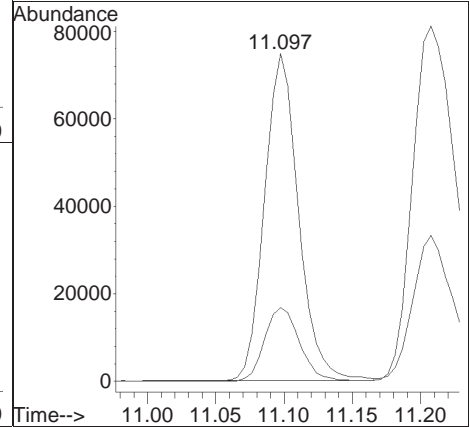
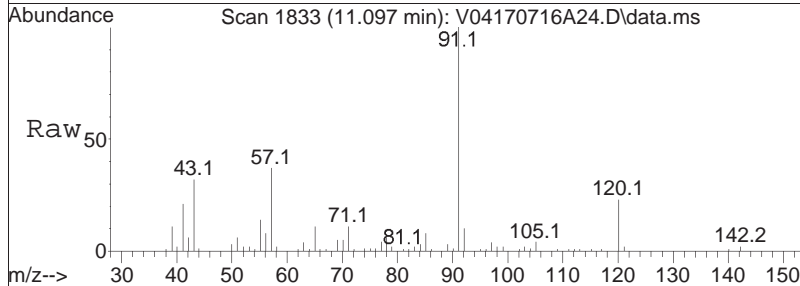
Tgt Ion	105	120	Resp	32672	Lower	Upper
Ratio	100	25.9			6.3	46.3

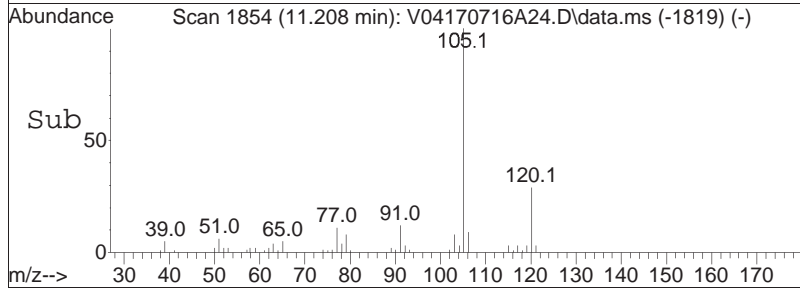
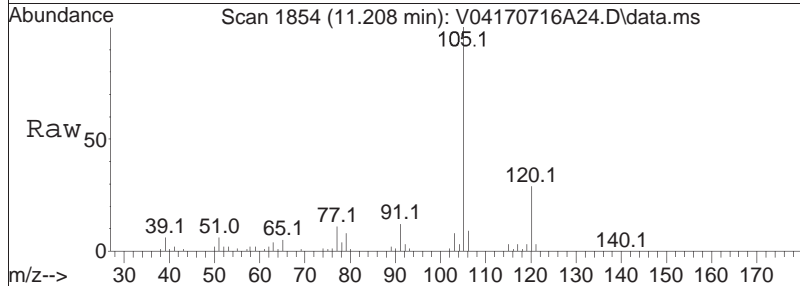
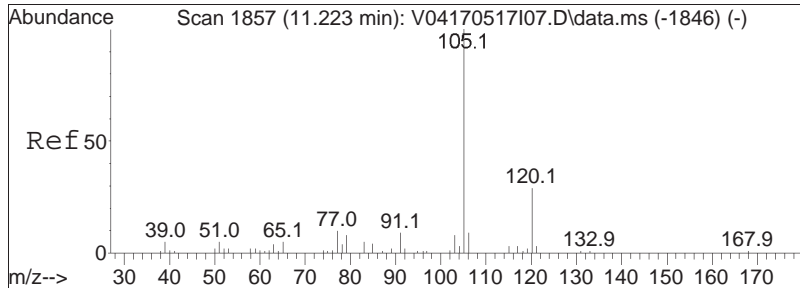




#85
 n-Propylbenzene
 Concen: 11.11 ug/L
 RT: 11.097 min Scan# 1833
 Delta R.T. 0.000 min
 Lab File: V04170716A24.D
 Acq: 16 Jul 2017 18:02

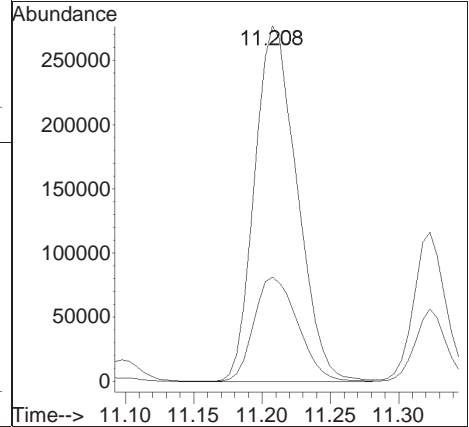
Tgt Ion: 91 Resp: 129371
 Ion Ratio Lower Upper
 91 100
 120 23.4 19.1 28.7

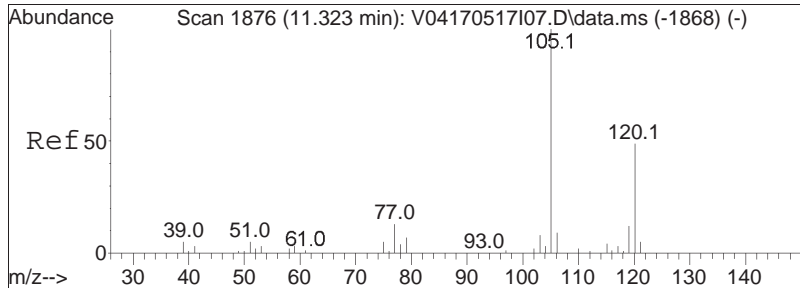




#88
 4-Ethyltoluene
 Concen: 59.15 ug/L
 RT: 11.208 min Scan# 1854
 Delta R.T. -0.016 min
 Lab File: V04170716A24.D
 Acq: 16 Jul 2017 18:02

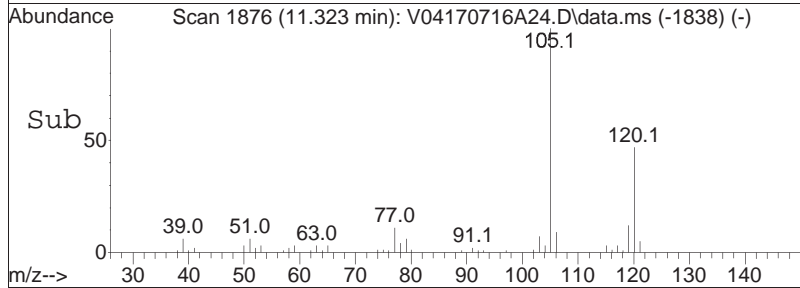
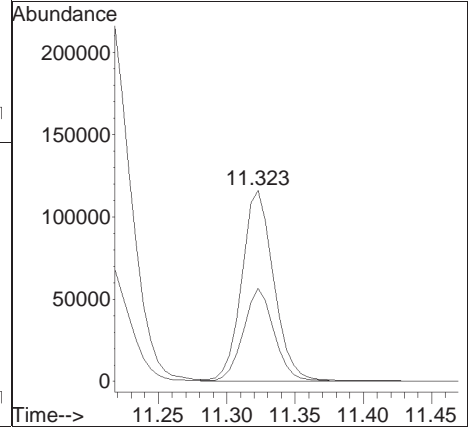
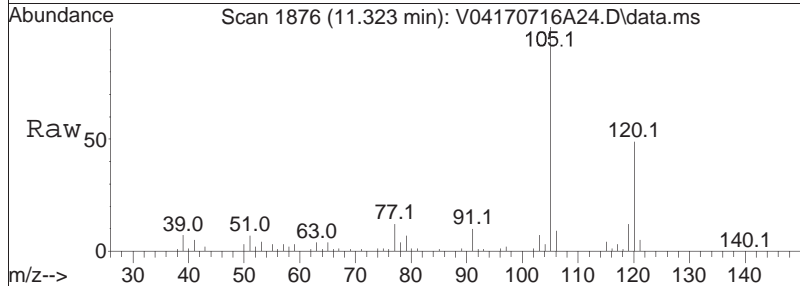
Tgt Ion	Ratio	Lower	Upper
105	100		
120	30.1	19.5	40.5

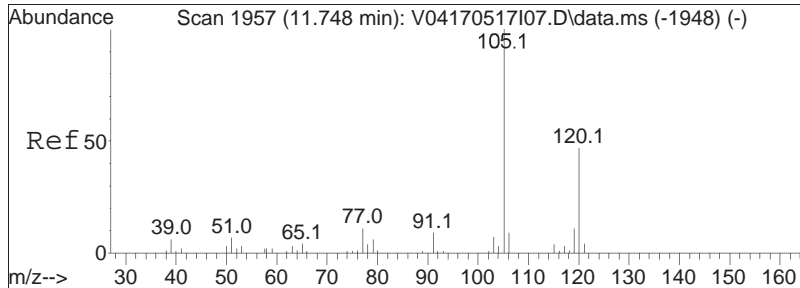




#90
 1,3,5-Trimethylbenzene
 Concen: 21.48 ug/L
 RT: 11.323 min Scan# 1876
 Delta R.T. -0.000 min
 Lab File: V04170716A24.D
 Acq: 16 Jul 2017 18:02

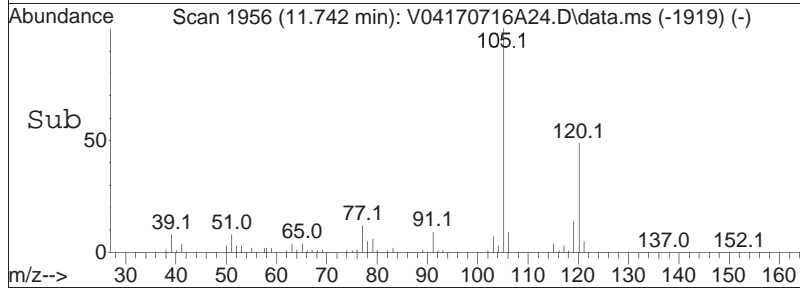
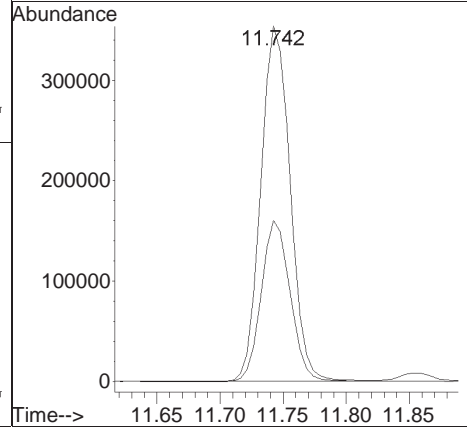
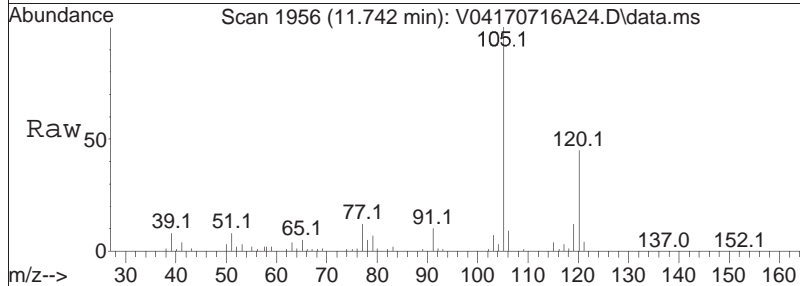
Tgt Ion	Resp	Lower	Upper
105	100		
120	47.5	38.9	58.3

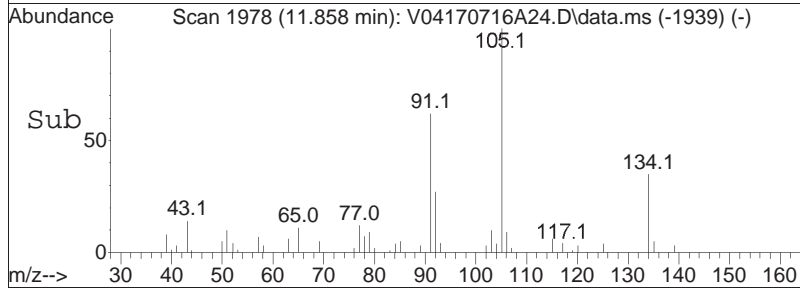
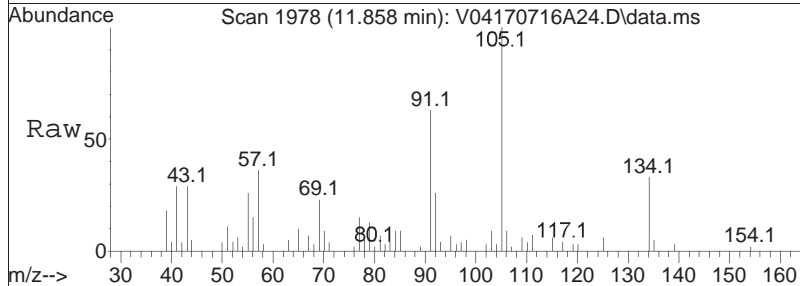
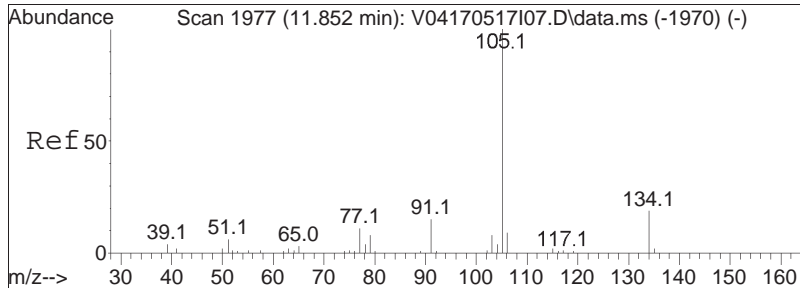




#97
 1,2,4-Trimethylbenzene
 Concen: 65.11 ug/L
 RT: 11.742 min Scan# 1956
 Delta R.T. -0.006 min
 Lab File: V04170716A24.D
 Acq: 16 Jul 2017 18:02

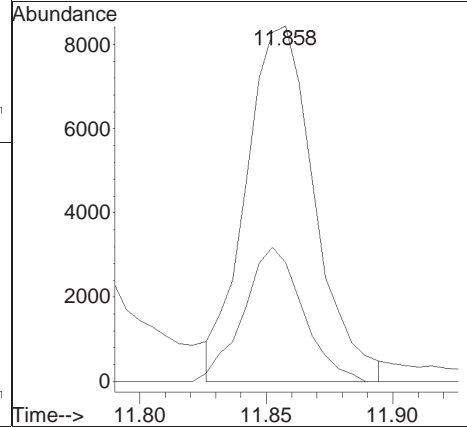
Tgt Ion	Resp	Lower	Upper
105	100		
120	44.7	36.8	55.2

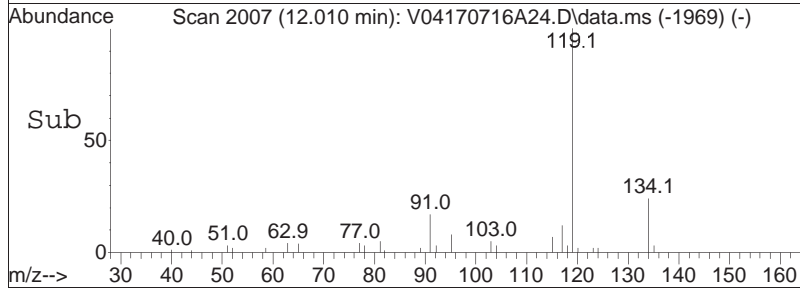
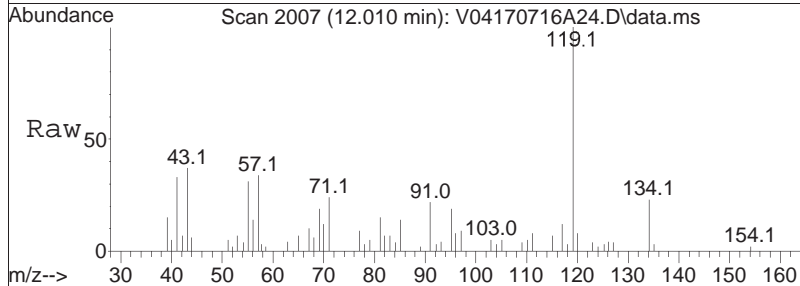
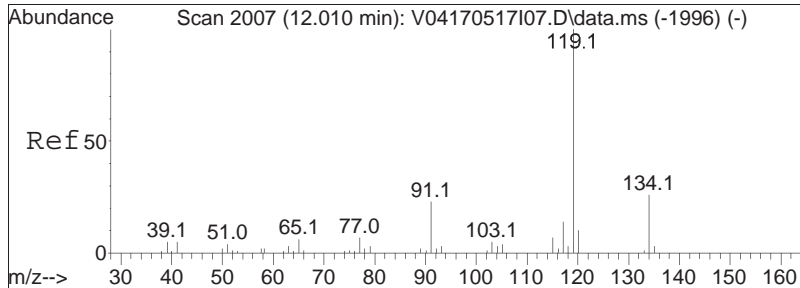




#98
 sec-Butylbenzene
 Concen: 1.45 ug/L M2
 RT: 11.858 min Scan# 1978
 Delta R.T. 0.006 min
 Lab File: V04170716A24.D
 Acq: 16 Jul 2017 18:02

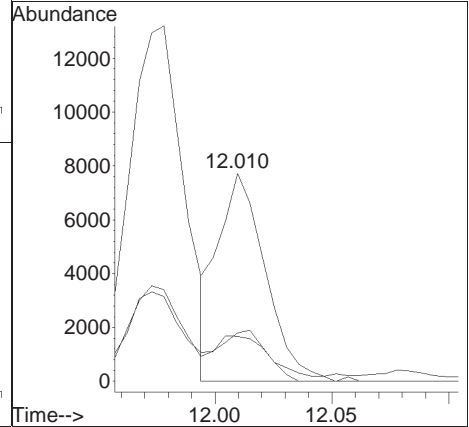
Tgt Ion	Ratio	Lower	Upper
105	100		
134	0.0	12.9	26.9#

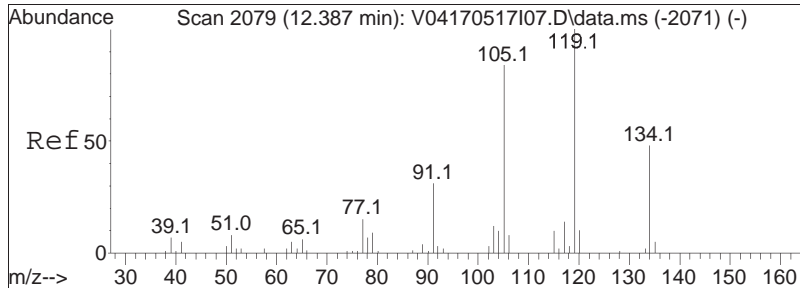




#99
 p-Isopropyltoluene
 Concen: 1.16 ug/L
 RT: 12.010 min Scan# 2007
 Delta R.T. -0.000 min
 Lab File: V04170716A24.D
 Acq: 16 Jul 2017 18:02

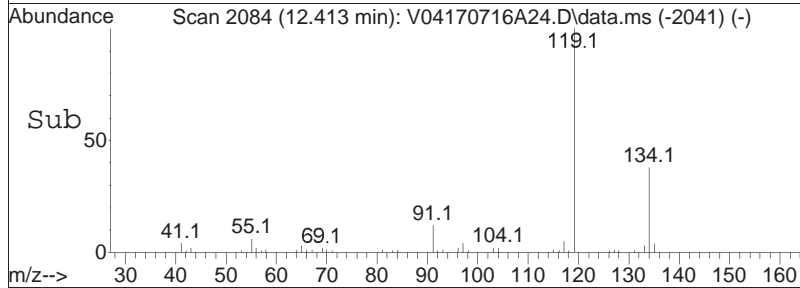
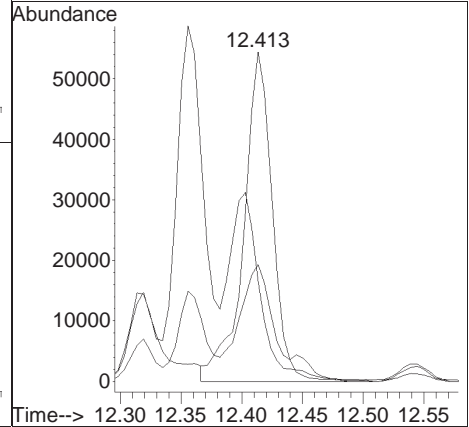
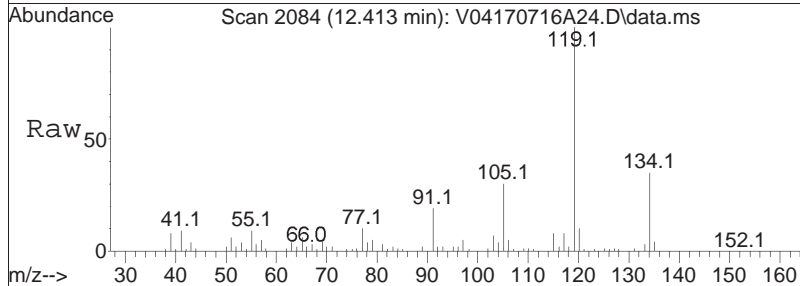
Tgt Ion	Resp	Lower	Upper
119	10972		
134	21.2	17.2	35.8
91	23.1	14.4	30.0

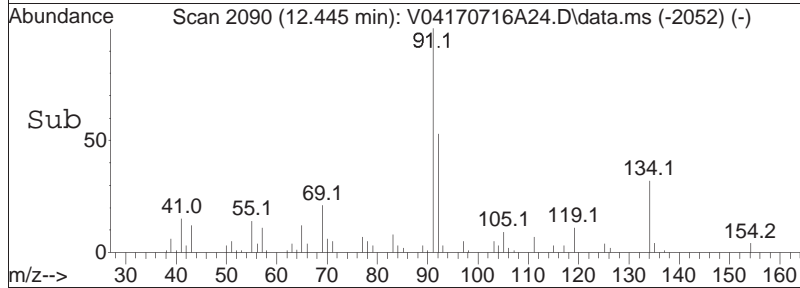
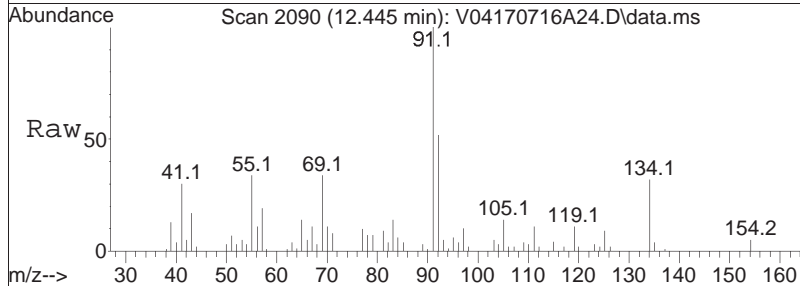
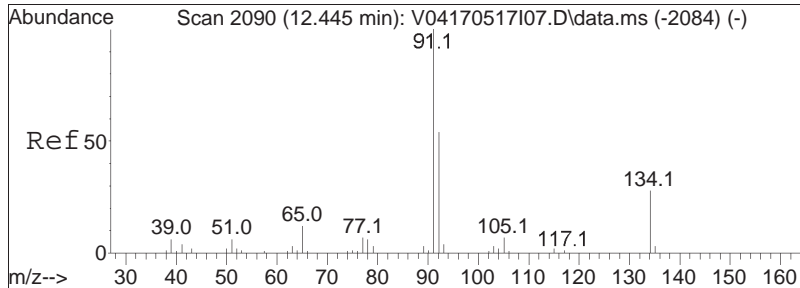




#102
 p-Diethylbenzene
 Concen: 16.16 ug/L
 RT: 12.413 min Scan# 2084
 Delta R.T. 0.026 min
 Lab File: V04170716A24.D
 Acq: 16 Jul 2017 18:02

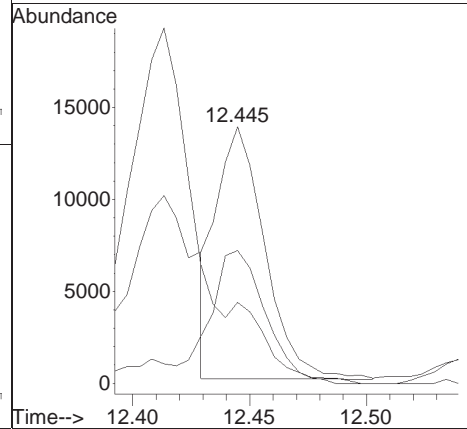
Tgt Ion	Resp	Lower	Upper
119	89408		
105	59.4	55.3	114.8
134	45.4	30.7	63.9

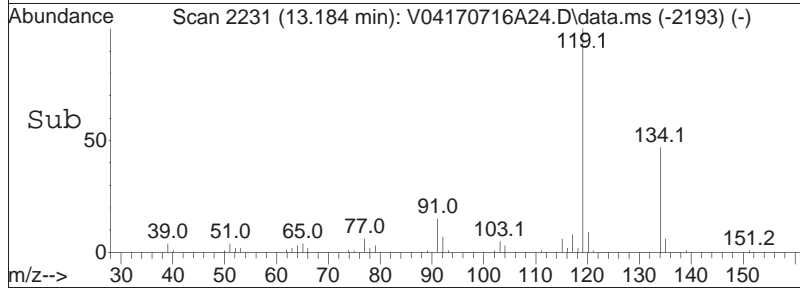
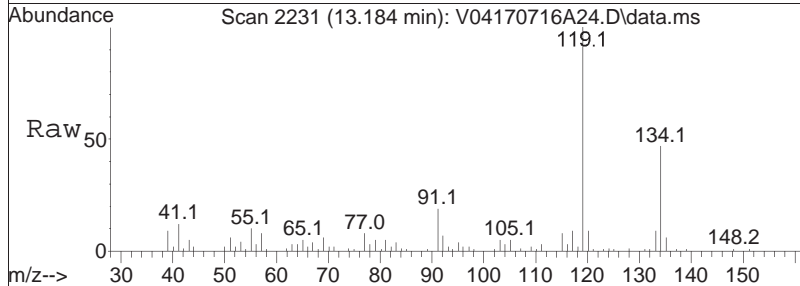
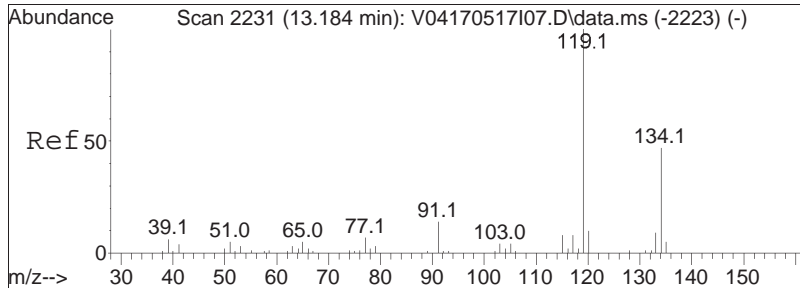




#103
 n-Butylbenzene
 Concen: 2.41 ug/L
 RT: 12.445 min Scan# 2090
 Delta R.T. -0.000 min
 Lab File: V04170716A24.D
 Acq: 16 Jul 2017 18:02

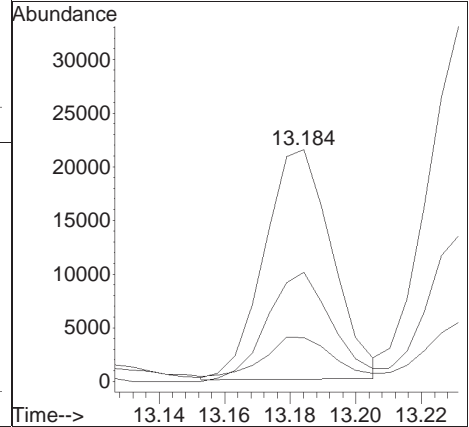
Tgt Ion:	Resp:		
Ion	Ratio	Lower	Upper
91	100		
92	60.4	45.0	67.4
134	0.0	23.4	35.0#

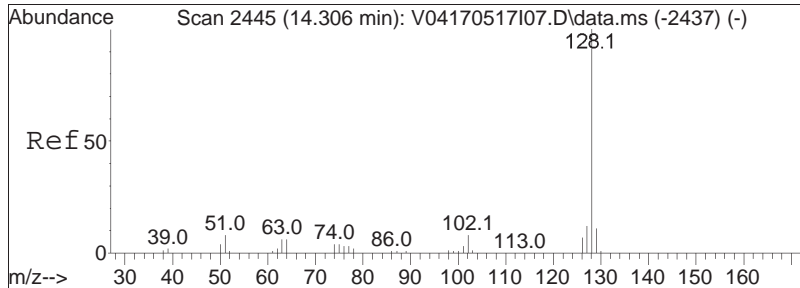




#105
 1,2,4,5-Tetramethylbenzene
 Concen: 3.39 ug/L
 RT: 13.184 min Scan# 2231
 Delta R.T. 0.000 min
 Lab File: V04170716A24.D
 Acq: 16 Jul 2017 18:02

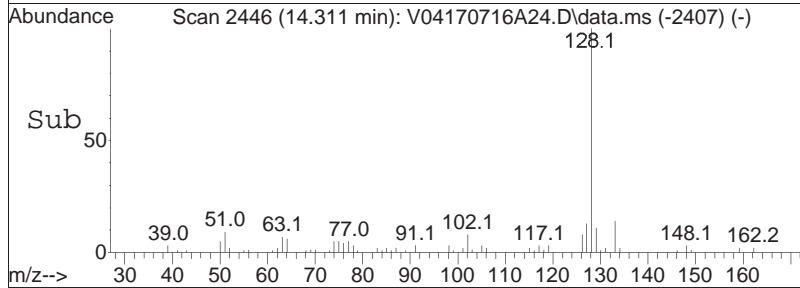
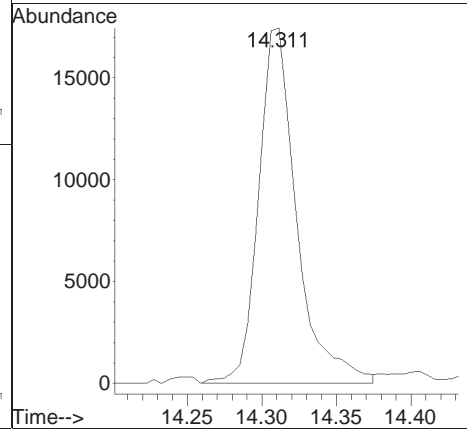
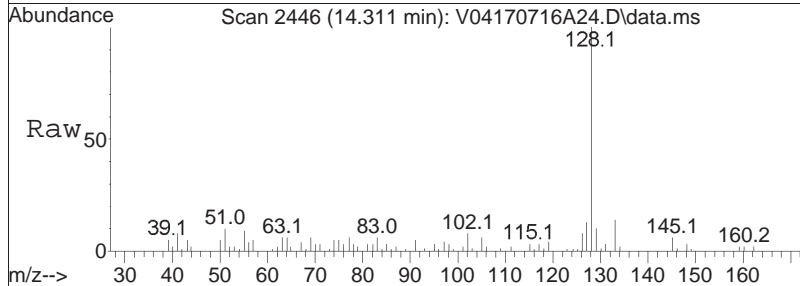
Tgt Ion	Ratio	Lower	Upper
119	100		
134	45.9	31.6	65.6
91	17.5	9.8	20.3





#110
 Naphthalene
 Concen: 3.98 ug/L
 RT: 14.311 min Scan# 2446
 Delta R.T. 0.005 min
 Lab File: V04170716A24.D
 Acq: 16 Jul 2017 18:02

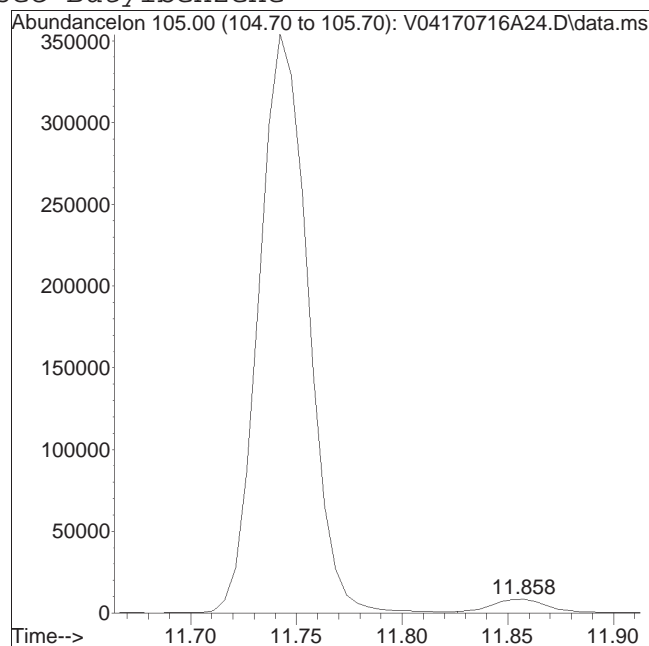
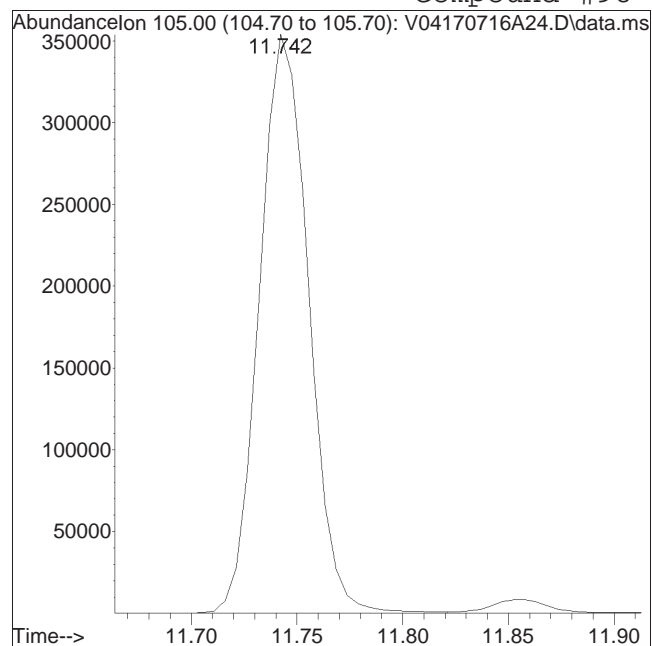
Tgt Ion:128 Resp: 31131



Manual Integration Report

Data Path : I:\VOLATILES\VOA104\2017\1QMethod : V104_170517_8260.m
Data File : V04170716A24.D Operator : VOA104:MV
Date Inj'd : 7/16/2017 18:02 Instrument : VOA 104
Sample : 11723686-09D,31H,5.8,5,0.0 Quant Date : 7/17/2017 6:34 am

Compound #98: sec-Butylbenzene



Original Peak Response = 571643

Manual Peak Response = 15907 M2

M2 = Peak not found by automatic integration algorithm.

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA104\2017\170716A\
 Data File : V04170716A25.D
 Acq On : 16 Jul 2017 18:29
 Operator : VOA104:MV
 Sample : 11723686-13D,31H,8.9,5,0.005,,a
 Misc : WG1023156,ICAL13672
 ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jul 17 11:22:06 2017
 Quant Method : I:\VOLATILES\VOA104\2017\170716A\V104_170517_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 18 06:45:13 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA104\2017\170716A\V04170716A01.D
 Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	

Internal Standards							
1) Fluorobenzene	5.922	96	165324	20.000	ug/L	0.00	
Standard Area 1 = 169470			Recovery =	97.55%			
59) Chlorobenzene-d5	9.440	117	124834	20.000	ug/L	0.00	
Standard Area 1 = 130956			Recovery =	95.33%			
79) 1,4-Dichlorobenzene-d4	12.162	152	60804	20.000	ug/L	0.00	
Standard Area 1 = 64627			Recovery =	94.08%			
System Monitoring Compounds							
36) Dibromofluoromethane	5.125	113	45986	19.766	ug/L	0.00	
Spiked Amount 20.000	Range 70 - 130		Recovery =	98.83%			
43) 1,2-Dichloroethane-d4	5.650	65	46567	21.843	ug/L	0.00	
Spiked Amount 20.000	Range 70 - 130		Recovery =	109.21%			
60) Toluene-d8	7.600	98	162551	22.384	ug/L	0.00	
Spiked Amount 20.000	Range 70 - 130		Recovery =	111.92%			
83) 4-Bromofluorobenzene	10.945	95	64288	24.068	ug/L	0.00	
Spiked Amount 20.000	Range 70 - 130		Recovery =	120.34%			
Target Compounds							
2) Dichlorodifluoromethane	0.000		0		N.D.		Qvalue
3) Chloromethane	0.000		0		N.D. d		
4) Vinyl chloride	0.000		0		N.D.		
5) Bromomethane	0.000		0		N.D. d		
6) Chloroethane	0.000		0		N.D.		
7) Trichlorofluoromethane	0.000		0		N.D.		
8) Ethyl ether	0.000		0		N.D.		
10) 1,1-Dichloroethene	0.000		0		N.D.		
11) Carbon disulfide	2.934	76	8536	0.877	ug/L		98
15) Methylene chloride	0.000		0		N.D. d		
17) Acetone	0.000		0		N.D. d		
18) trans-1,2-Dichloroethene	0.000		0		N.D.		
20) Methyl tert-butyl ether	0.000		0		N.D.		
23) 1,1-Dichloroethane	4.182	63	221		N.D.		
25) Acrylonitrile	0.000		0		N.D. d		
27) Vinyl acetate	0.000		0		N.D. d		
28) cis-1,2-Dichloroethene	0.000		0		N.D.		
29) 2,2-Dichloropropane	4.848	77	55		N.D.		
30) Bromochloromethane	0.000		0		N.D.		
32) Chloroform	0.000		0		N.D. d		

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA104\2017\170716A\
 Data File : V04170716A25.D
 Acq On : 16 Jul 2017 18:29
 Operator : VOA104:MV
 Sample : 11723686-13D,31H,8.9,5,0.005,,a
 Misc : WG1023156,ICAL13672
 ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jul 17 11:22:06 2017
 Quant Method : I:\VOLATILES\VOA104\2017\170716A\V104_170517_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 18 06:45:13 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA104\2017\170716A\V04170716A01.D
 Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Carbon tetrachloride	0.000		0	N.D.		
37) 1,1,1-Trichloroethane	0.000		0	N.D.		
39) 2-Butanone	0.000		0	N.D.	d	
40) 1,1-Dichloropropene	0.000		0	N.D.		
41) Benzene	5.508	78	3226	0.341	ug/L	92
44) 1,2-Dichloroethane	0.000		0	N.D.		
48) Trichloroethene	6.064	95	112	N.D.		
50) Dibromomethane	6.552	93	58	N.D.		
51) 1,2-Dichloropropane	0.000		0	N.D.	d	
54) Bromodichloromethane	0.000		0	N.D.	d	
57) 1,4-Dioxane	0.000		0	N.D.		
58) cis-1,3-Dichloropropene	0.000		0	N.D.		
61) Toluene	7.658	92	409	0.075	ug/L	99
62) 4-Methyl-2-pentanone	0.000		0	N.D.	d	
63) Tetrachloroethene	0.000		0	N.D.		
65) trans-1,3-Dichloropropene	0.000		0	N.D.		
68) 1,1,2-Trichloroethane	0.000		0	N.D.	d	
69) Chlorodibromomethane	0.000		0	N.D.		
70) 1,3-Dichloropropane	0.000		0	N.D.		
71) 1,2-Dibromoethane	0.000		0	N.D.		
72) 2-Hexanone	0.000		0	N.D.	d	
73) Chlorobenzene	0.000		0	N.D.	d	
74) Ethylbenzene	9.498	91	28937	2.774	ug/L	99
75) 1,1,1,2-Tetrachloroethane	0.000		0	N.D.		
76) p/m Xylene	9.687	106	8187	1.938	ug/L	94
77) o Xylene	10.227	106	1728	0.429	ug/L #	68
78) Styrene	0.000		0	N.D.		
80) Bromoform	0.000		0	N.D.		
82) Isopropylbenzene	10.615	105	27140	2.704	ug/L	97
84) Bromobenzene	0.000		0	N.D.		
85) n-Propylbenzene	11.097	91	116969	10.501	ug/L	98
87) 1,1,2,2-Tetrachloroethane	0.000		0	N.D.	d	
88) 4-Ethyltoluene	11.223	105	70804	7.319	ug/L	99
89) 2-Chlorotoluene	0.000		0	N.D.	d	
90) 1,3,5-Trimethylbenzene	11.328	105	6011	0.715	ug/L	98
91) 1,2,3-Trichloropropane	0.000		0	N.D.	d	
92) trans-1,4-Dichloro-2-b...	0.000		0	N.D.	d	
93) 4-Chlorotoluene	11.428	91	362	N.D.		
94) tert-Butylbenzene	11.669	119	1047	0.148	ug/L #	2

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA104\2017\170716A\
 Data File : V04170716A25.D
 Acq On : 16 Jul 2017 18:29
 Operator : VOA104:MV
 Sample : 11723686-13D,31H,8.9,5,0.005,,a
 Misc : WG1023156,ICAL13672
 ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jul 17 11:22:06 2017
 Quant Method : I:\VOLATILES\VOA104\2017\170716A\V104_170517_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 18 06:45:13 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA104\2017\170716A\V04170716A01.D
 Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97) 1,2,4-Trimethylbenzene	11.747	105	109896	13.084	ug/L	99
98) sec-Butylbenzene	11.858	105	39358	3.749	ug/L #	65
99) p-Isopropyltoluene	12.010	119	16486	1.825	ug/L	96
100) 1,3-Dichlorobenzene	0.000		0	N.D.		
101) 1,4-Dichlorobenzene	0.000		0	N.D.		
102) p-Diethylbenzene	12.382	119	45132M1	8.527	ug/L	
103) n-Butylbenzene	12.445	91	39103	4.965	ug/L	99
104) 1,2-Dichlorobenzene	0.000		0	N.D.		
105) 1,2,4,5-Tetramethylben...	13.184	119	157961	18.229	ug/L	96
106) 1,2-Dibromo-3-chloropr...	0.000		0	N.D.		
108) Hexachlorobutadiene	0.000		0	N.D.		
109) 1,2,4-Trichlorobenzene	0.000		0	N.D.		
110) Naphthalene	14.311	128	8816	1.179	ug/L	100
111) 1,2,3-Trichlorobenzene	0.000		0	N.D.		

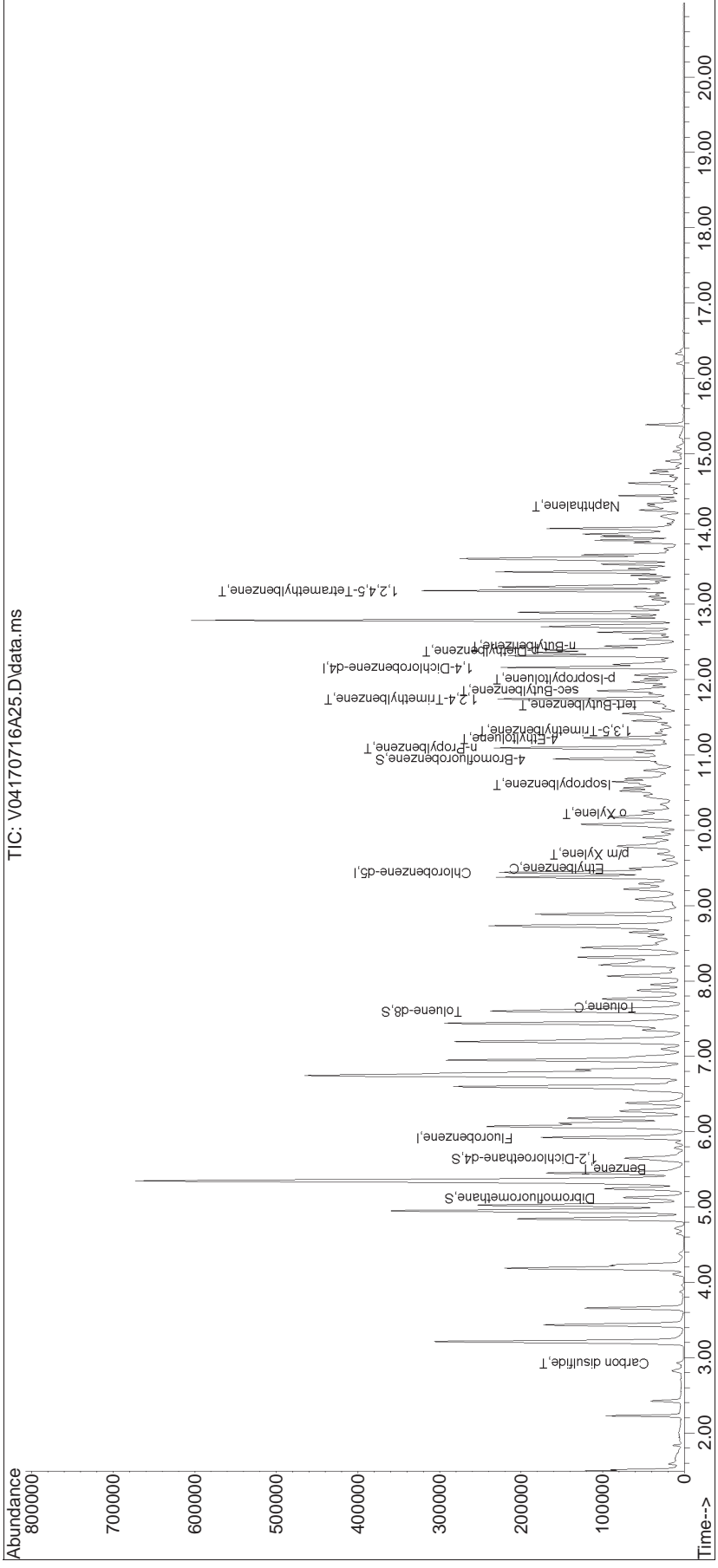
(#) = qualifier out of range (m) = manual integration (+) = signals summed

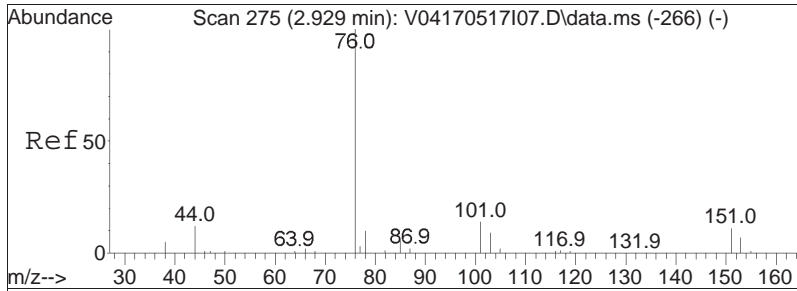
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA104\2017\170716A\
Data File : V04170716A25.D
Acq On : 16 Jul 2017 18:29
Operator : VOA104:MV
Sample : 11723686-13D,31H,8.9,5,0.005,,a
Misc : WG1023156,ICAL13672
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jul 17 11:22:06 2017
Quant Method : I:\VOLATILES\VOA104\2017\170716A\170517_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu May 18 06:45:13 2017
Response via : Initial Calibration

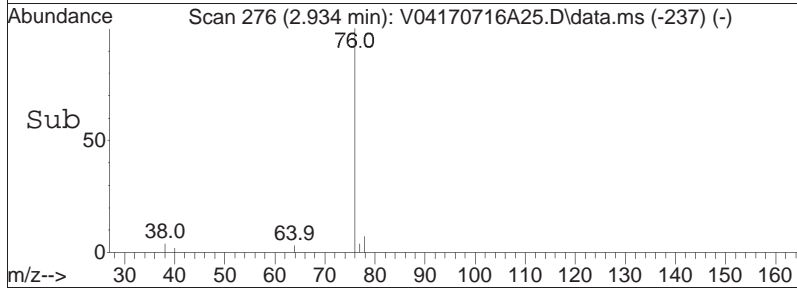
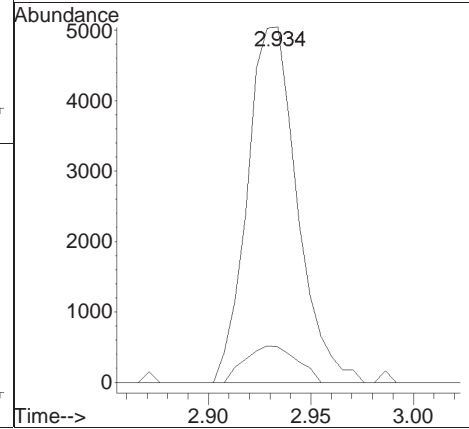
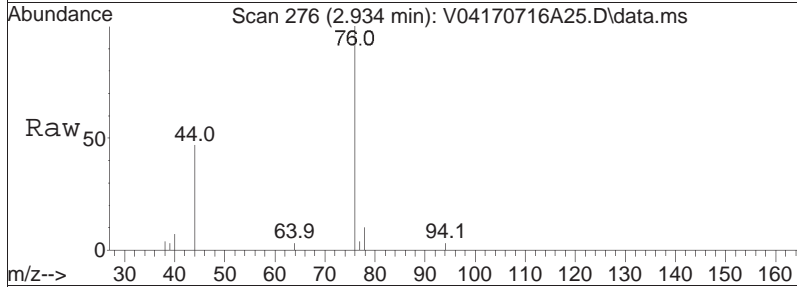
Sub List : 8260-NYTCL - Megamix plus Diox70716A\V04170716A01.D•

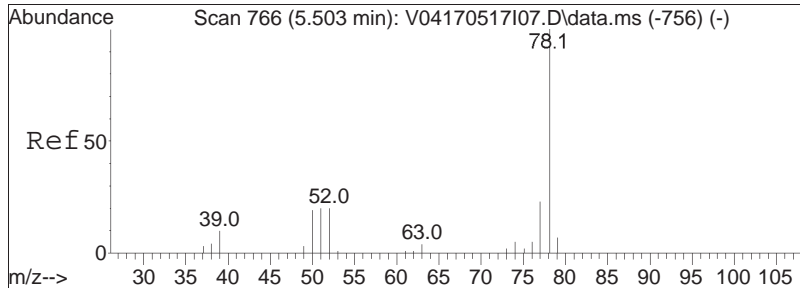




#11
 Carbon disulfide
 Concen: 0.88 ug/L
 RT: 2.934 min Scan# 276
 Delta R.T. 0.005 min
 Lab File: V04170716A25.D
 Acq: 16 Jul 2017 18:29

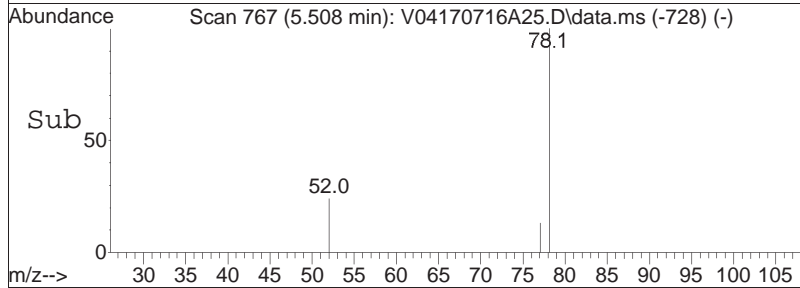
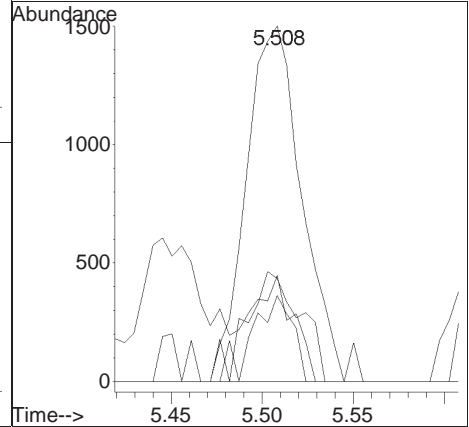
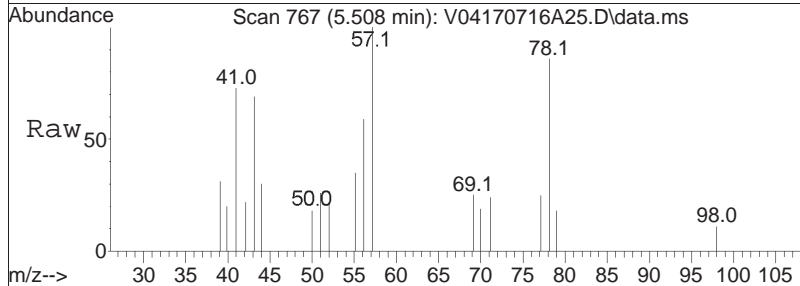
Tgt Ion: 76 Resp: 8536
 Ion Ratio Lower Upper
 76 100
 78 10.7 6.5 13.5

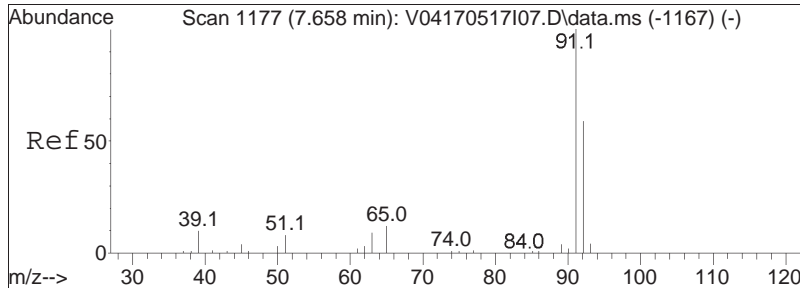




#41
 Benzene
 Concen: 0.34 ug/L
 RT: 5.508 min Scan# 767
 Delta R.T. 0.005 min
 Lab File: V04170716A25.D
 Acq: 16 Jul 2017 18:29

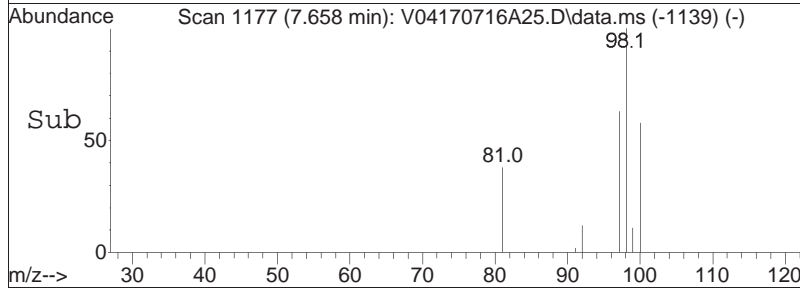
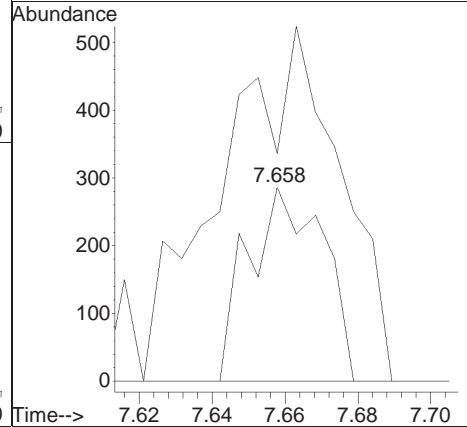
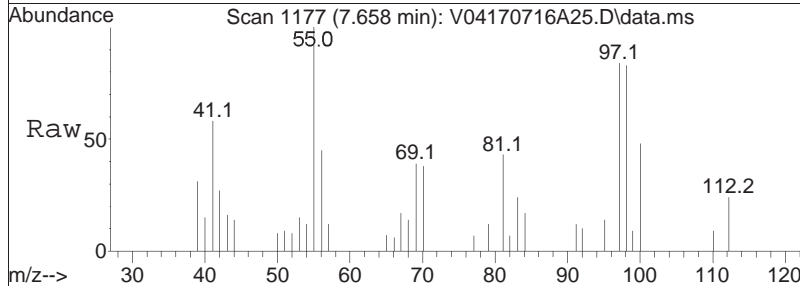
Tgt Ion:	Resp:	Lower	Upper
78	100		
77	29.9	15.2	31.6
51	20.8	14.1	29.3
52	17.3	14.0	29.2

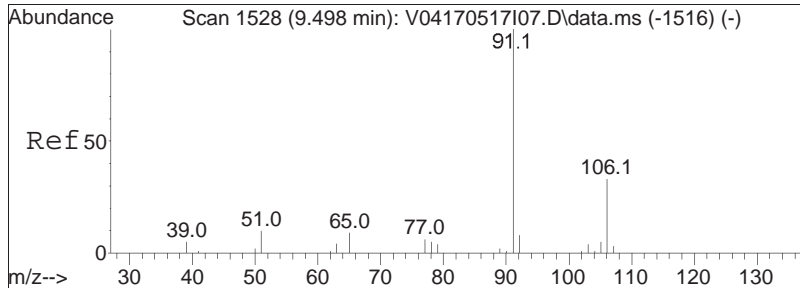




#61
 Toluene
 Concen: 0.08 ug/L
 RT: 7.658 min Scan# 1177
 Delta R.T. -0.000 min
 Lab File: V04170716A25.D
 Acq: 16 Jul 2017 18:29

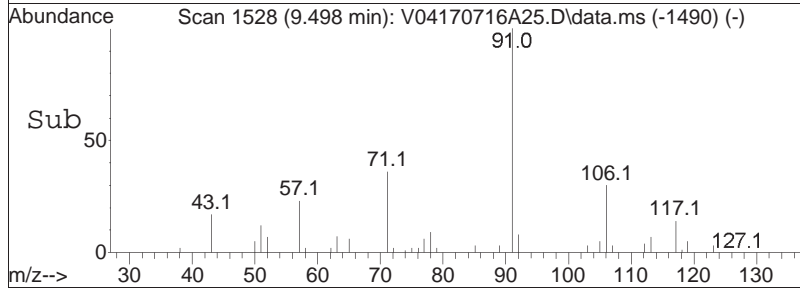
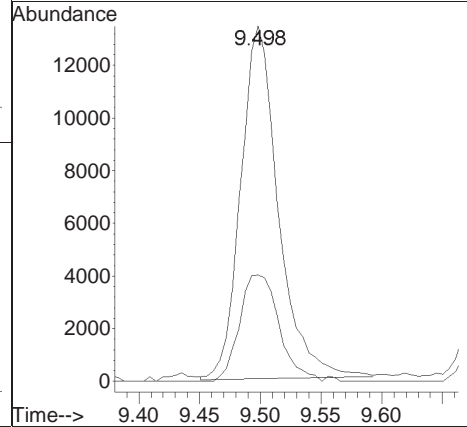
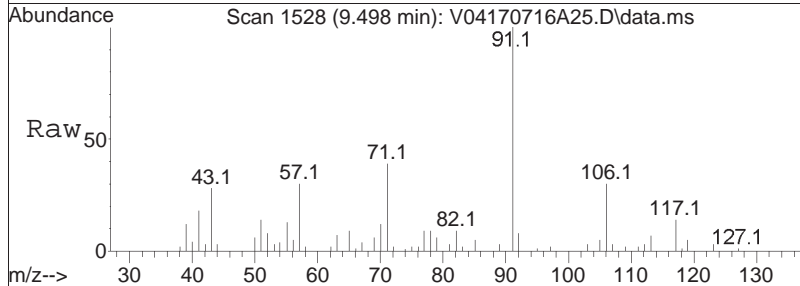
Tgt Ion	Resp	Lower	Upper
92	100		
91	171.1	135.4	203.2

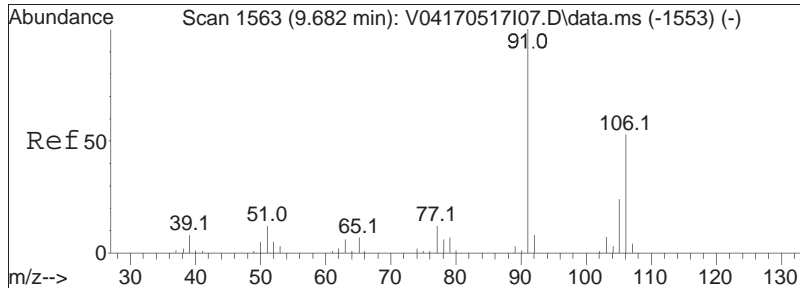




#74
 Ethylbenzene
 Concen: 2.77 ug/L
 RT: 9.498 min Scan# 1528
 Delta R.T. 0.000 min
 Lab File: V04170716A25.D
 Acq: 16 Jul 2017 18:29

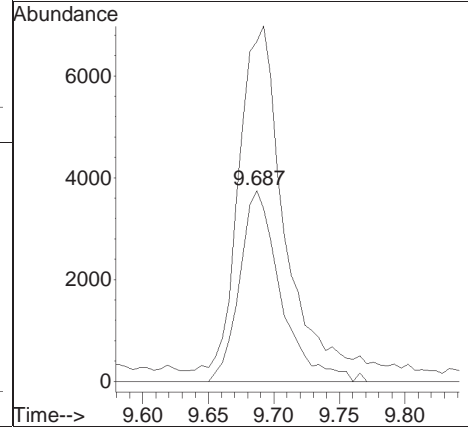
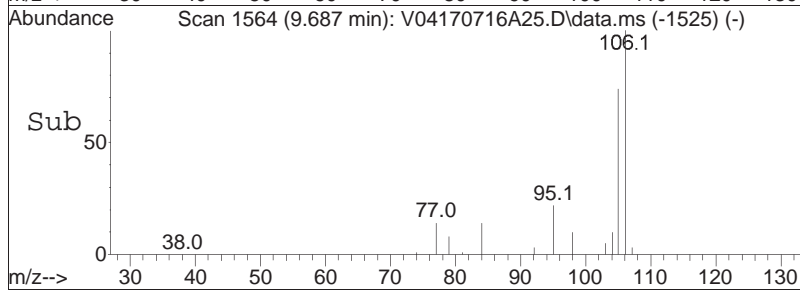
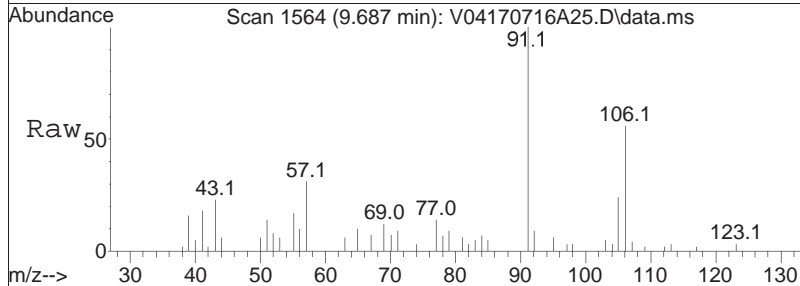
Tgt Ion: 91 Resp: 28937
 Ion Ratio Lower Upper
 91 100
 106 31.7 25.8 38.8

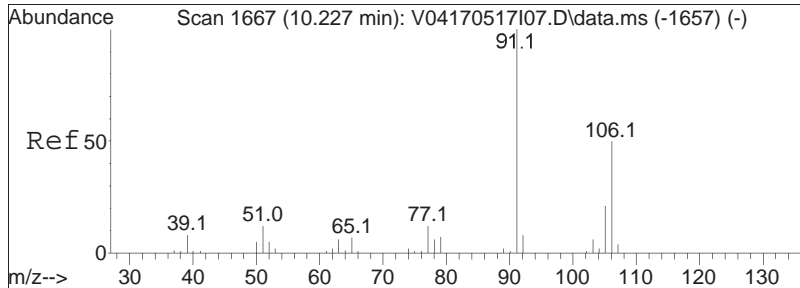




#76
 p/m Xylene
 Concen: 1.94 ug/L
 RT: 9.687 min Scan# 1564
 Delta R.T. 0.005 min
 Lab File: V04170716A25.D
 Acq: 16 Jul 2017 18:29

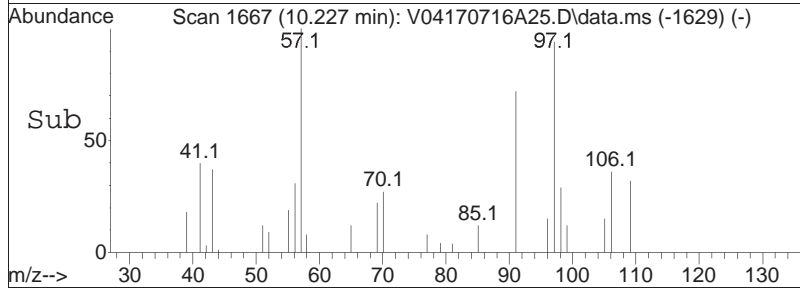
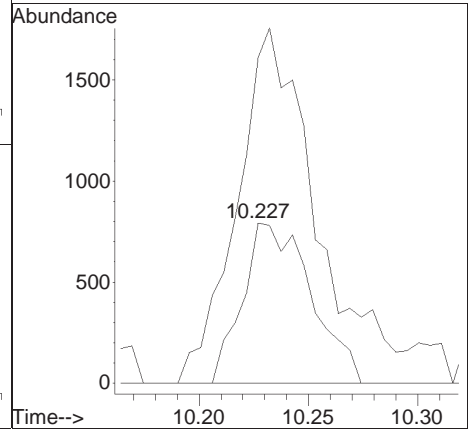
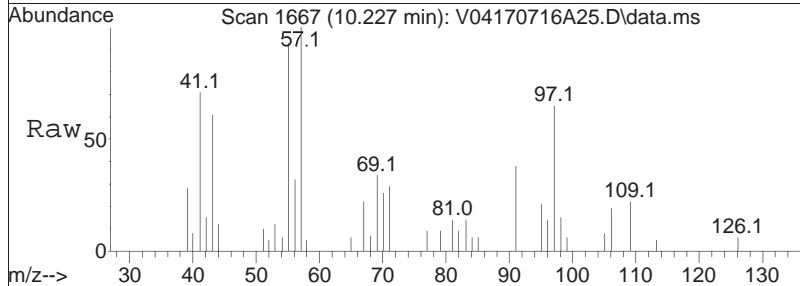
Tgt Ion	Resp	Lower	Upper
106	100		
91	203.7	155.4	233.0

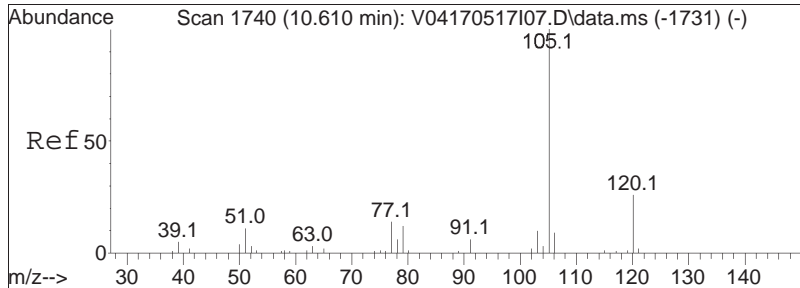




#77
 o Xylene
 Concen: 0.43 ug/L
 RT: 10.227 min Scan# 1667
 Delta R.T. -0.000 min
 Lab File: V04170716A25.D
 Acq: 16 Jul 2017 18:29

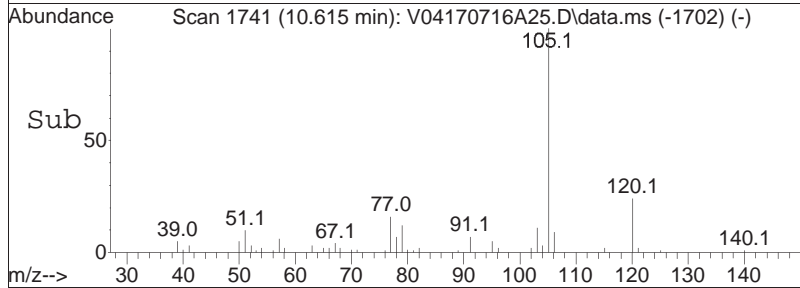
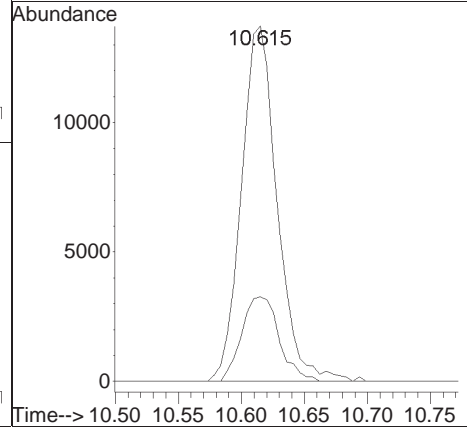
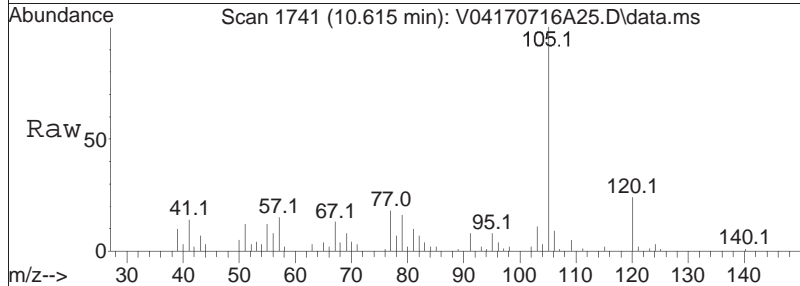
Tgt Ion	Resp	Lower	Upper
106	100		
91	254.9	164.9	247.3#

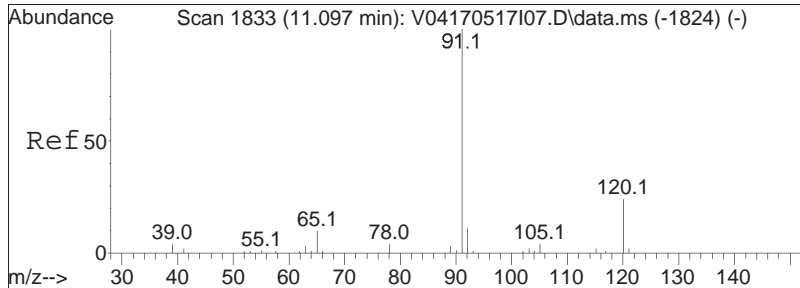




#82
 Isopropylbenzene
 Concen: 2.70 ug/L
 RT: 10.615 min Scan# 1741
 Delta R.T. 0.005 min
 Lab File: V04170716A25.D
 Acq: 16 Jul 2017 18:29

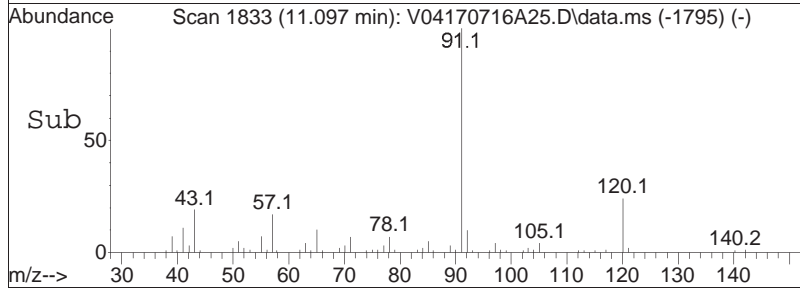
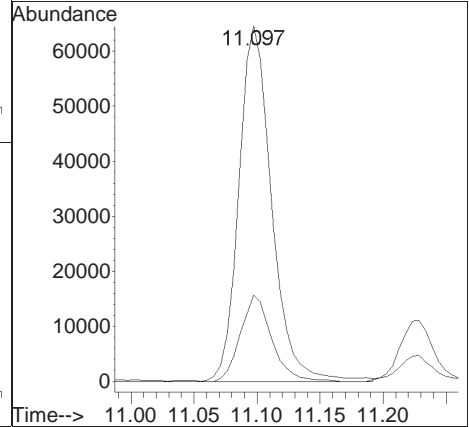
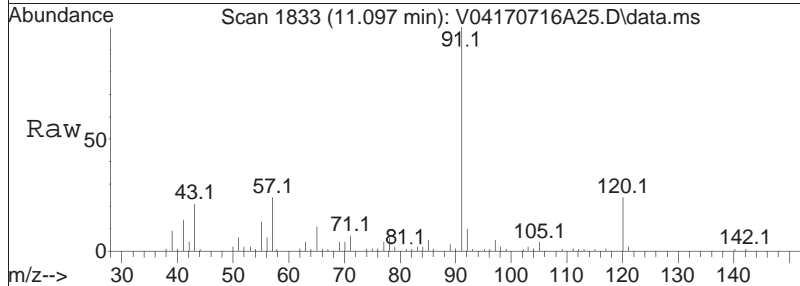
Tgt Ion	Resp	Lower	Upper
105	100		
120	24.9	6.3	46.3

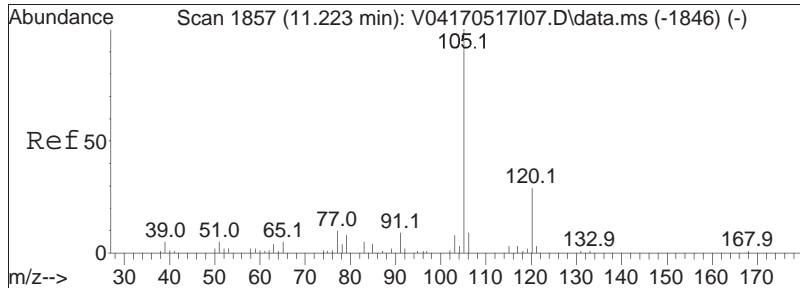




#85
 n-Propylbenzene
 Concen: 10.50 ug/L
 RT: 11.097 min Scan# 1833
 Delta R.T. 0.000 min
 Lab File: V04170716A25.D
 Acq: 16 Jul 2017 18:29

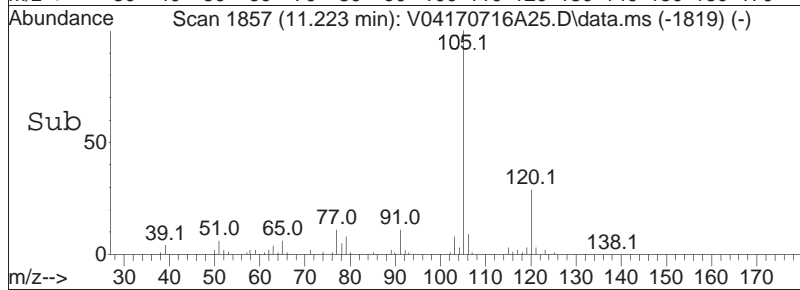
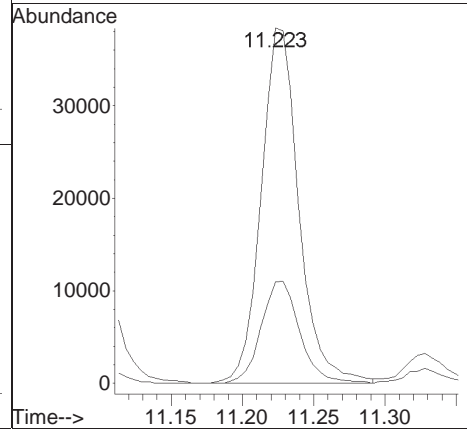
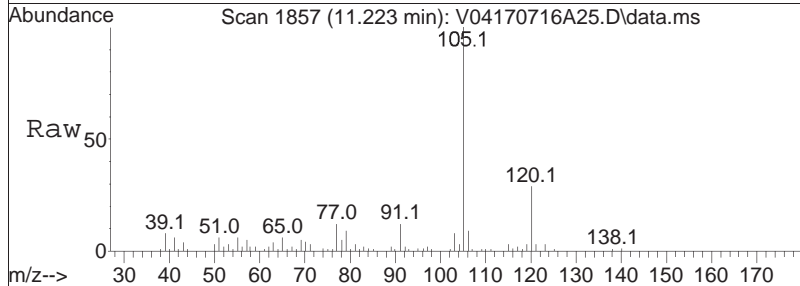
Tgt Ion: 91 Resp: 116969
 Ion Ratio Lower Upper
 91 100
 120 23.0 19.1 28.7

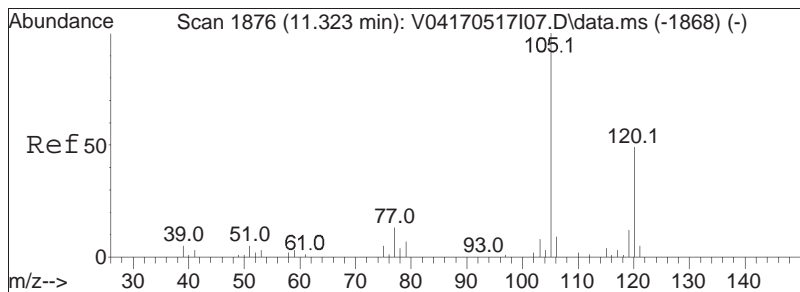




#88
 4-Ethyltoluene
 Concen: 7.32 ug/L
 RT: 11.223 min Scan# 1857
 Delta R.T. 0.000 min
 Lab File: V04170716A25.D
 Acq: 16 Jul 2017 18:29

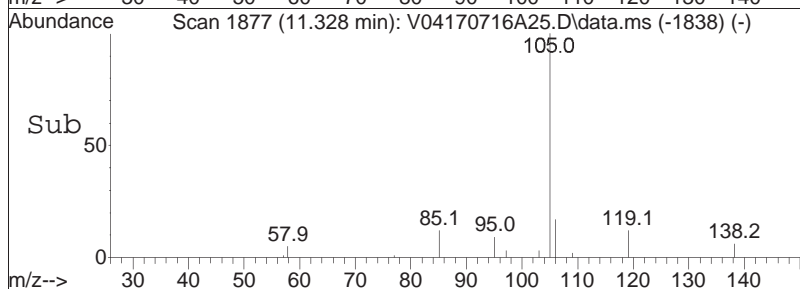
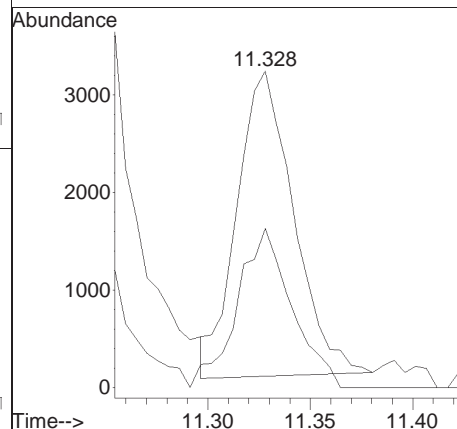
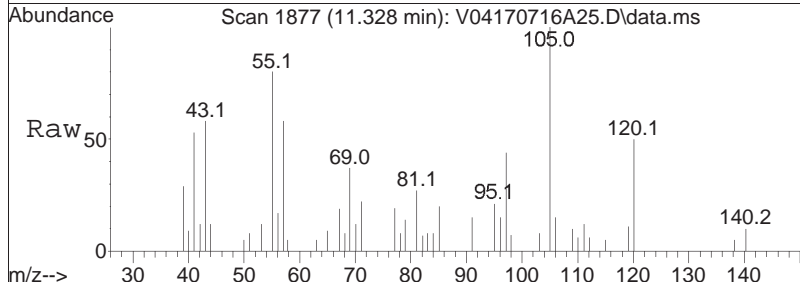
Tgt Ion	Resp	Lower	Upper
105	100		
120	29.4	19.5	40.5

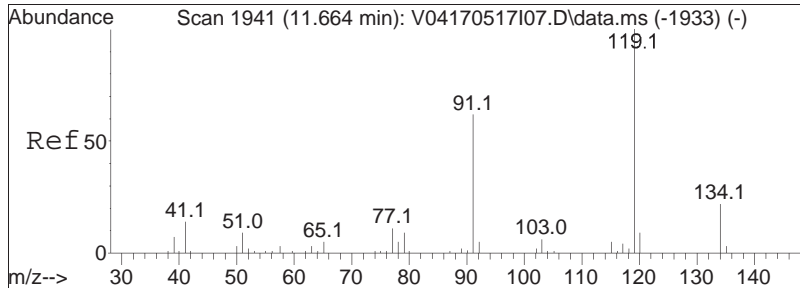




#90
 1,3,5-Trimethylbenzene
 Concen: 0.72 ug/L
 RT: 11.328 min Scan# 1877
 Delta R.T. 0.005 min
 Lab File: V04170716A25.D
 Acq: 16 Jul 2017 18:29

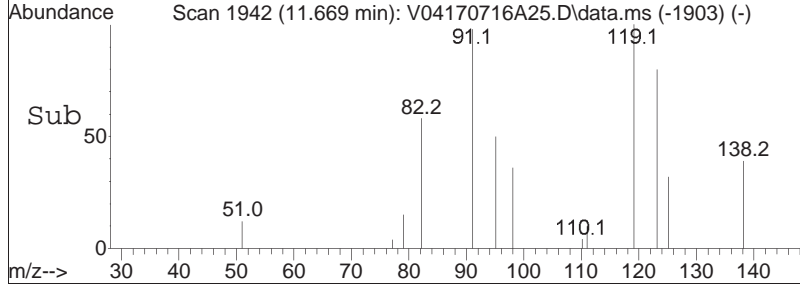
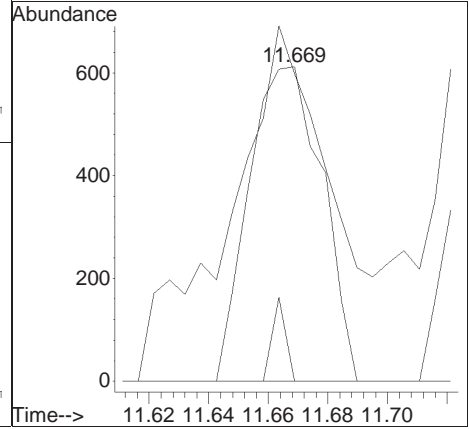
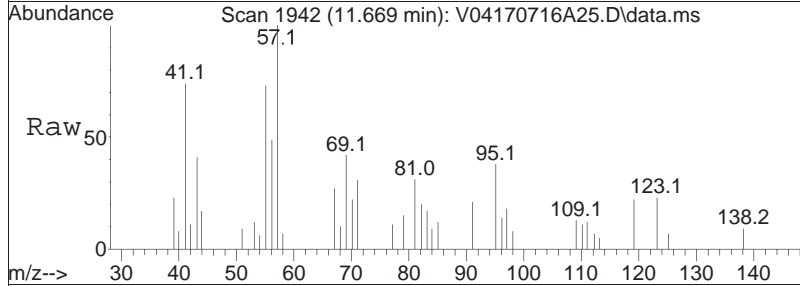
Tgt Ion:	105	Resp:	6011
Ion Ratio	Lower	Upper	
105	100		
120	50.0	38.9	58.3

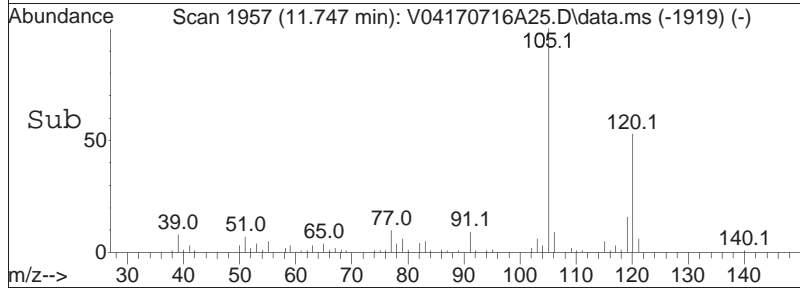
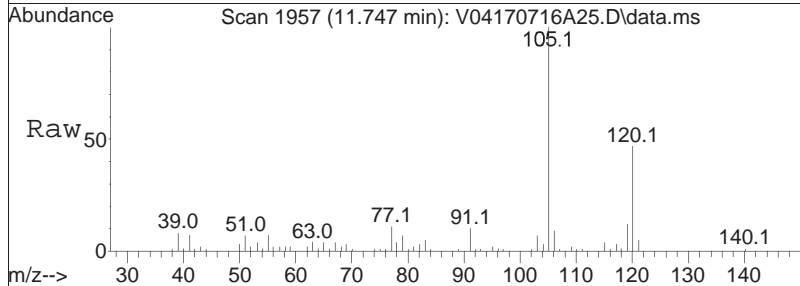
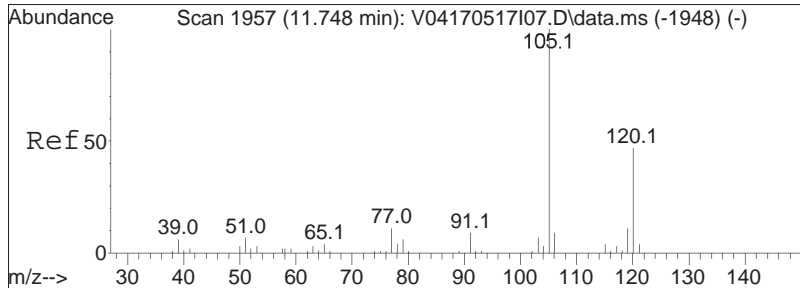




#94
 tert-Butylbenzene
 Concen: 0.15 ug/L
 RT: 11.669 min Scan# 1942
 Delta R.T. 0.005 min
 Lab File: V04170716A25.D
 Acq: 16 Jul 2017 18:29

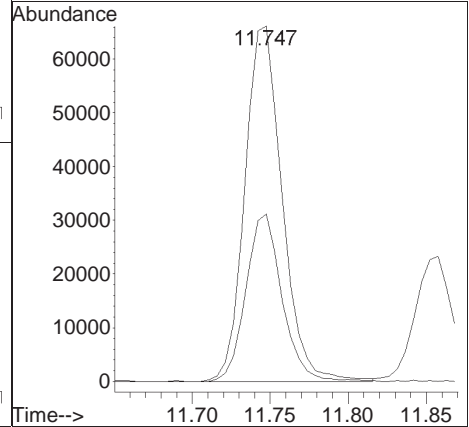
Tgt Ion	Resp	Lower	Upper
119	1047		
91	156.2	51.4	77.0#
134	0.0	19.8	29.6#

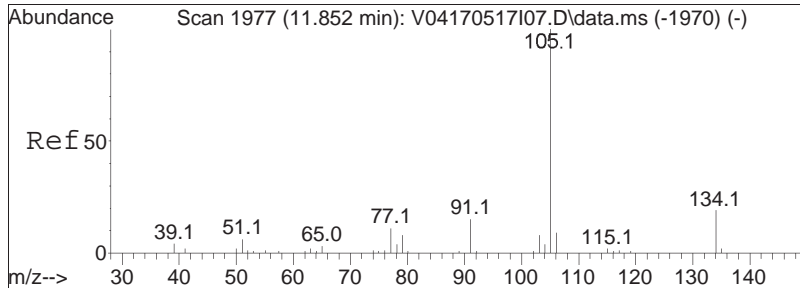




#97
 1,2,4-Trimethylbenzene
 Concen: 13.08 ug/L
 RT: 11.747 min Scan# 1957
 Delta R.T. -0.001 min
 Lab File: V04170716A25.D
 Acq: 16 Jul 2017 18:29

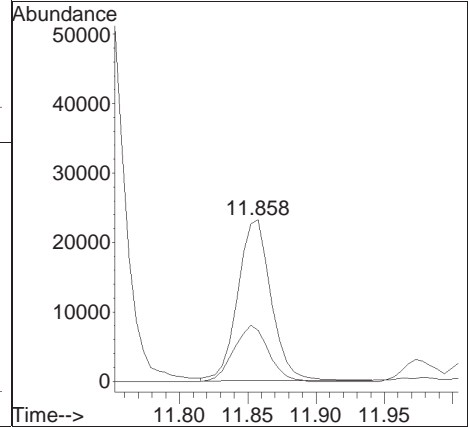
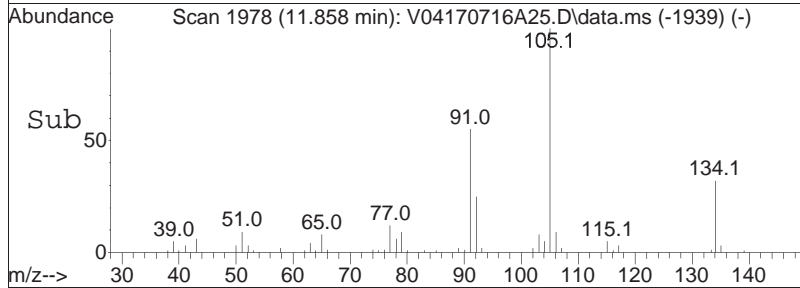
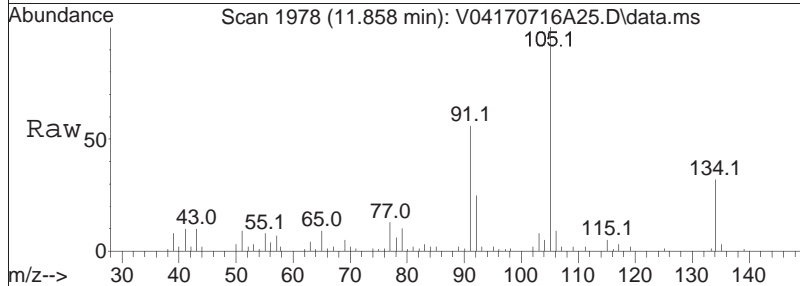
Tgt Ion	Resp	Lower	Upper
105	109896		
120	45.5	36.8	55.2

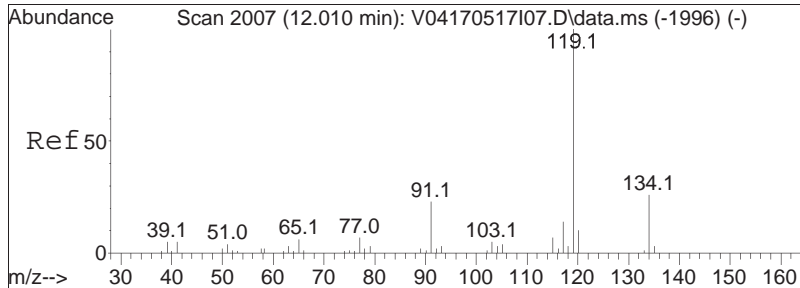




#98
 sec-Butylbenzene
 Concen: 3.75 ug/L
 RT: 11.858 min Scan# 1978
 Delta R.T. 0.006 min
 Lab File: V04170716A25.D
 Acq: 16 Jul 2017 18:29

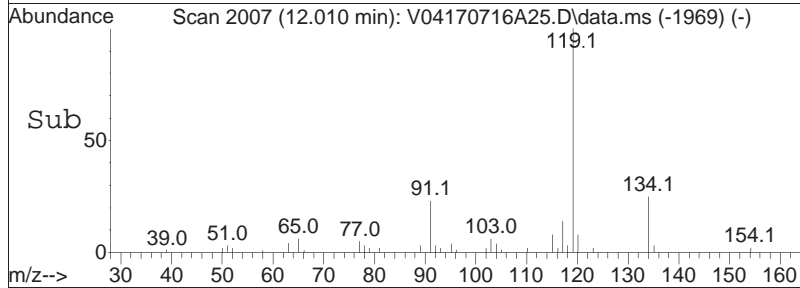
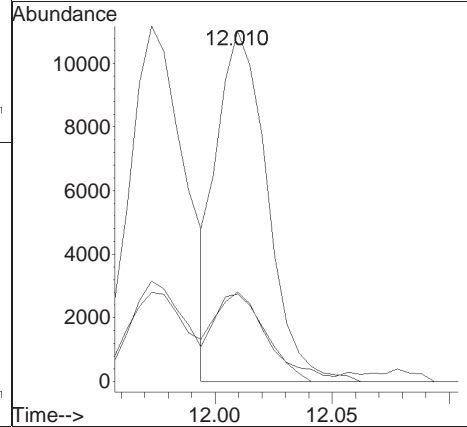
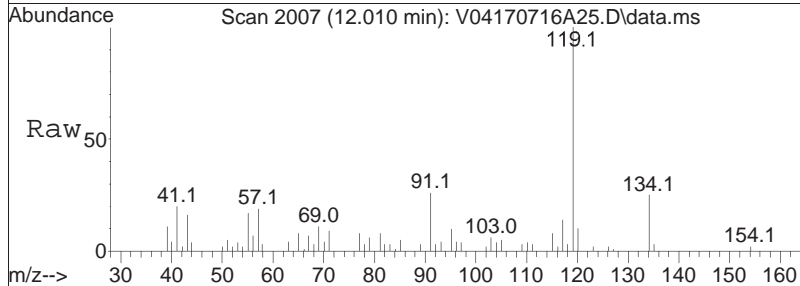
Tgt Ion	Ratio	Lower	Upper
105	100		
134	35.9	12.9	26.9#

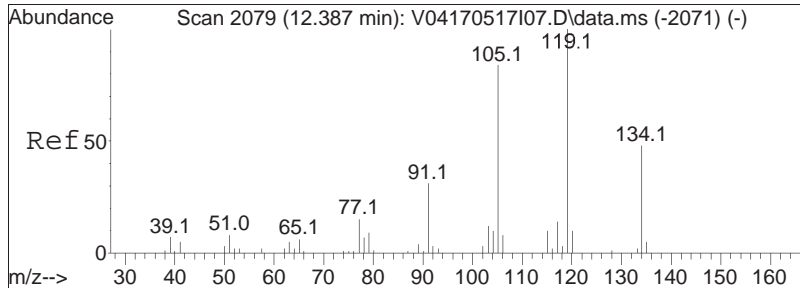




#99
 p-Isopropyltoluene
 Concen: 1.83 ug/L
 RT: 12.010 min Scan# 2007
 Delta R.T. -0.000 min
 Lab File: V04170716A25.D
 Acq: 16 Jul 2017 18:29

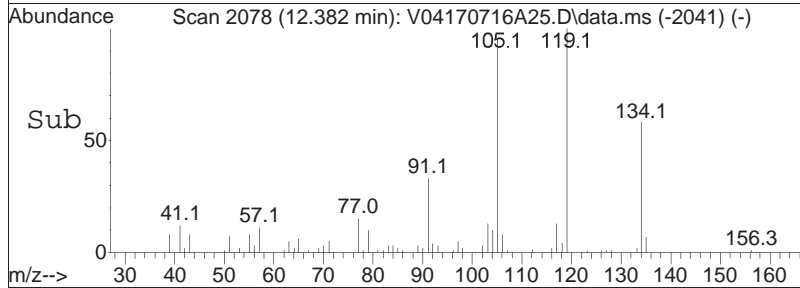
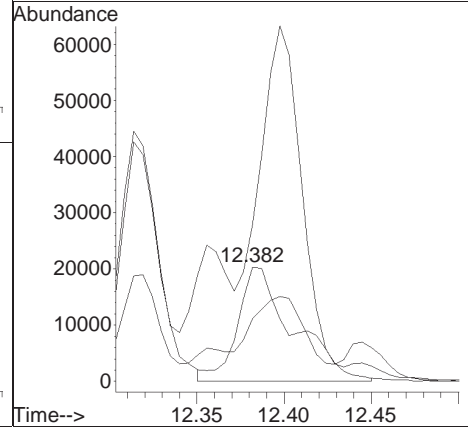
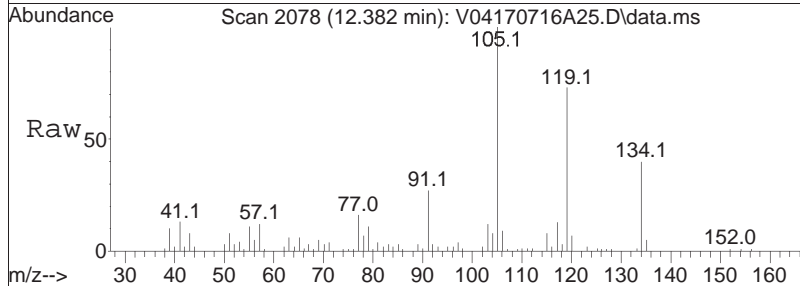
Tgt Ion	Resp	Lower	Upper
119	100		
134	25.4	17.2	35.8
91	25.5	14.4	30.0

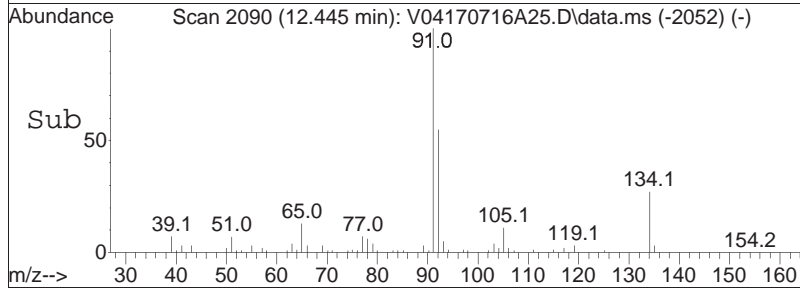
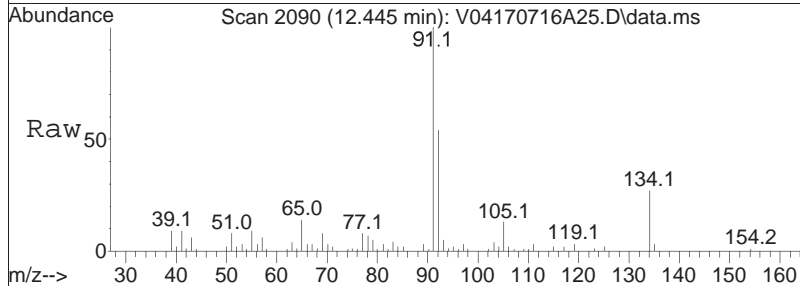
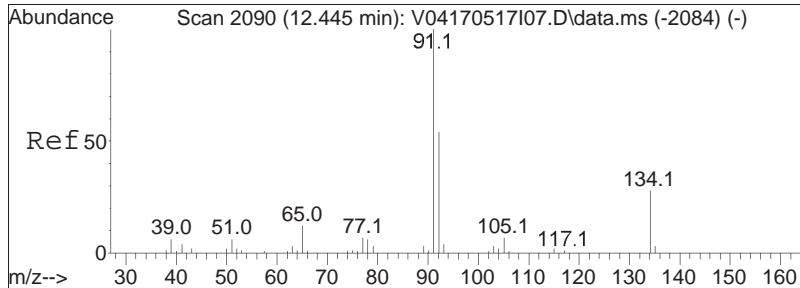




#102
 p-Diethylbenzene
 Concen: 8.53 ug/L M1
 RT: 12.382 min Scan# 2078
 Delta R.T. -0.005 min
 Lab File: V04170716A25.D
 Acq: 16 Jul 2017 18:29

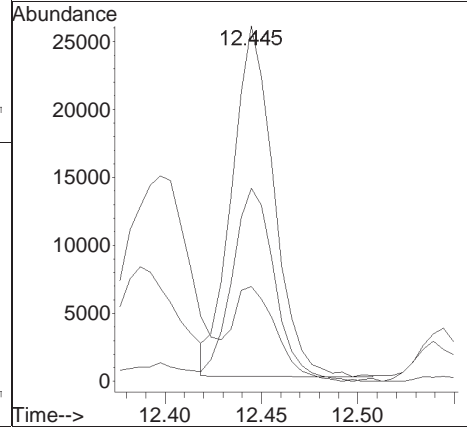
Tgt Ion	Resp	Lower	Upper
119	45132		
119	100		
105	149.4	55.3	114.8#
134	64.3	30.7	63.9#

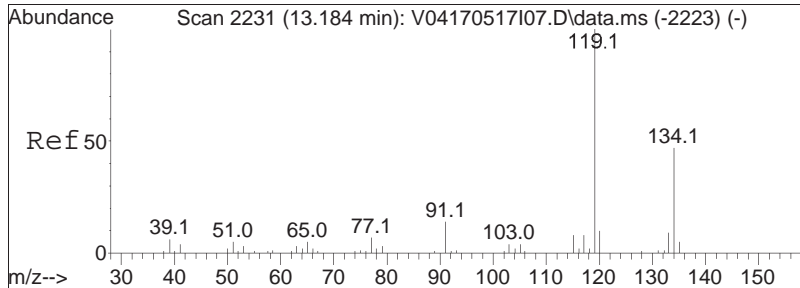




#103
 n-Butylbenzene
 Concen: 4.97 ug/L
 RT: 12.445 min Scan# 2090
 Delta R.T. -0.000 min
 Lab File: V04170716A25.D
 Acq: 16 Jul 2017 18:29

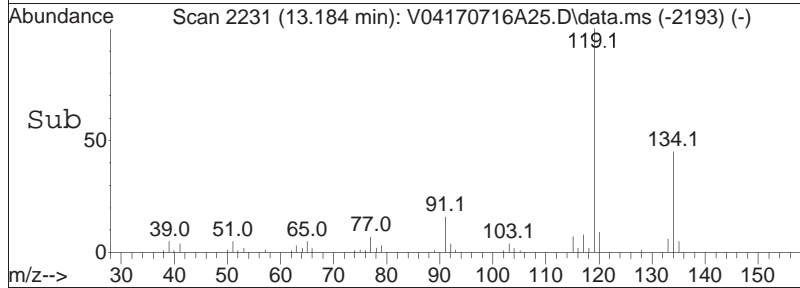
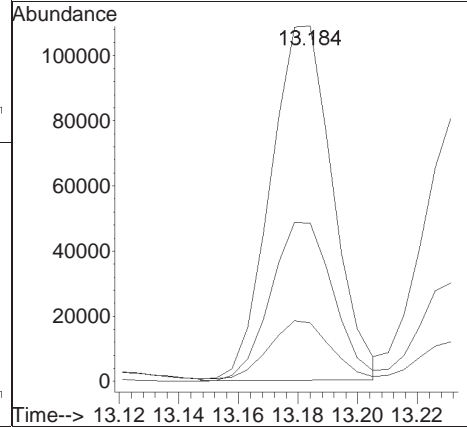
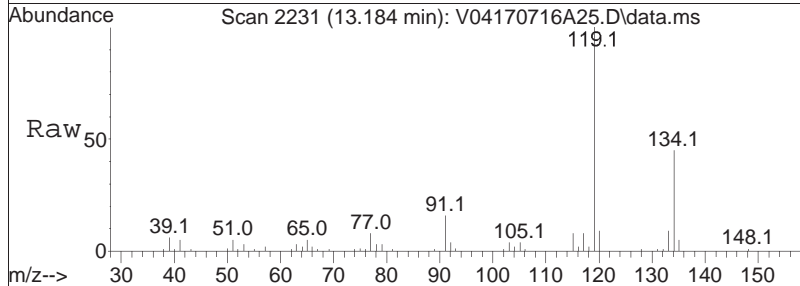
Tgt Ion:	91	Resp:	39103
Ion Ratio	Lower	Upper	
91	100		
92	56.4	45.0	67.4
134	27.7	23.4	35.0

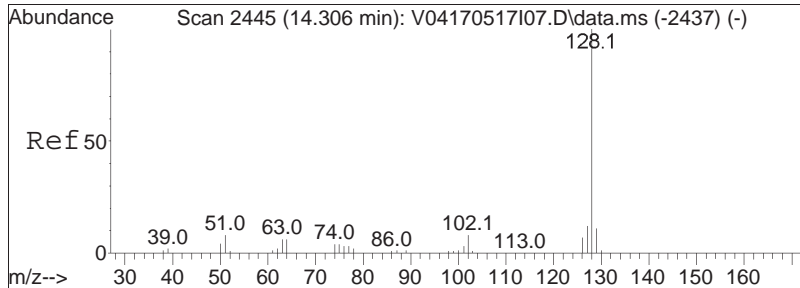




#105
 1,2,4,5-Tetramethylbenzene
 Concen: 18.23 ug/L
 RT: 13.184 min Scan# 2231
 Delta R.T. 0.000 min
 Lab File: V04170716A25.D
 Acq: 16 Jul 2017 18:29

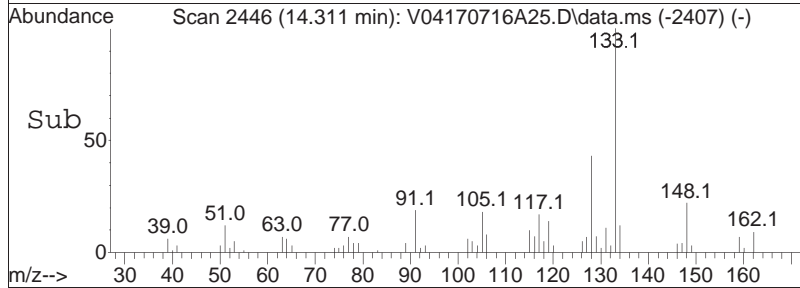
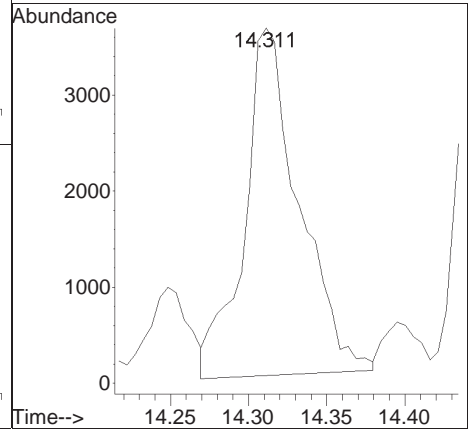
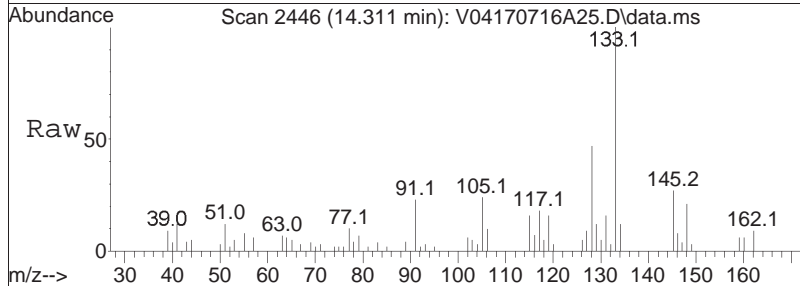
Tgt Ion	Ratio	Lower	Upper
119	100		
134	45.2	31.6	65.6
91	15.8	9.8	20.3





#110
 Naphthalene
 Concen: 1.18 ug/L
 RT: 14.311 min Scan# 2446
 Delta R.T. 0.005 min
 Lab File: V04170716A25.D
 Acq: 16 Jul 2017 18:29

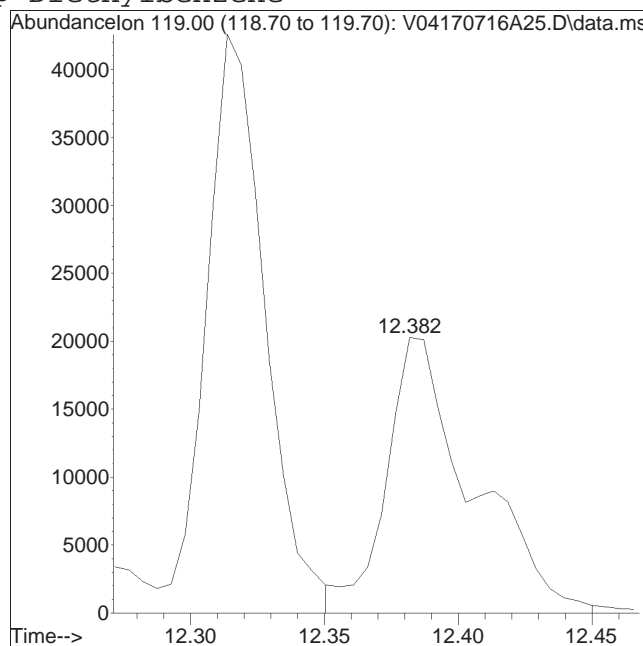
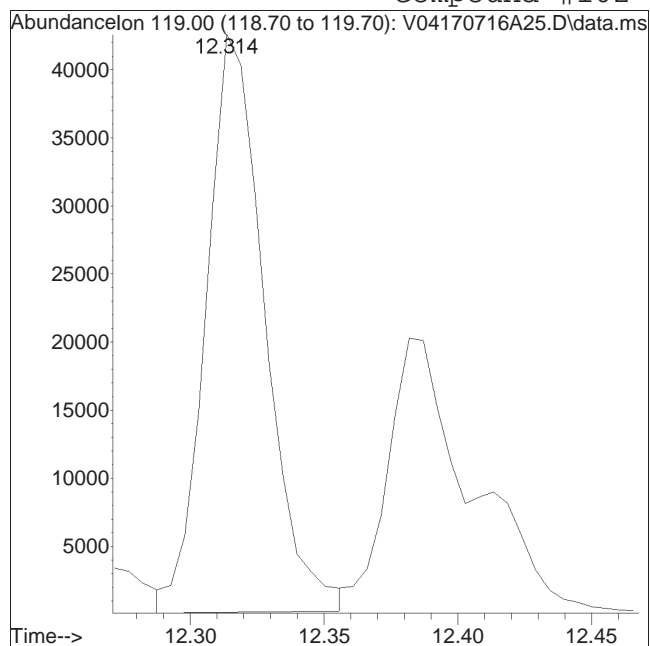
Tgt Ion:128 Resp: 8816



Manual Integration Report

Data Path : I:\VOLATILES\VOA104\2017\1QMethod : V104_170517_8260.m
Data File : V04170716A25.D Operator : VOA104:MV
Date Inj'd : 7/16/2017 18:29 Instrument : VOA 104
Sample : 11723686-13D,31H,8.9,5,0.0 Quant Date : 7/17/2017 6:34 am

Compound #102: p-Diethylbenzene



Original Peak Response = 64474

Manual Peak Response = 45132 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2017\170717A\
 Data File : V01170717A07.D
 Acq On : 17 Jul 2017 12:30
 Operator : VOA101:PD
 Sample : 11723686-17D,31,0.1,10,,a
 Misc : WG1023276,ICAL13786
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 17 15:28:25 2017
 Quant Method : I:\VOLATILES\VOA101\2017\170717A\V101_170629B_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Fri Jun 30 16:37:53 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2017\170717A\V01170717A02.D
 Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	

Internal Standards							
1) Fluorobenzene	5.950	96	250099	10.000	ug/L	0.00	
Standard Area 1 = 290727			Recovery =	86.03%			
59) Chlorobenzene-d5	9.764	117	203646	10.000	ug/L	0.00	
Standard Area 1 = 229670			Recovery =	88.67%			
79) 1,4-Dichlorobenzene-d4	12.672	152	111805	10.000	ug/L	0.00	
Standard Area 1 = 121874			Recovery =	91.74%			
System Monitoring Compounds							
36) Dibromofluoromethane	5.099	113	62081	10.718	ug/L	0.00	
Spiked Amount 10.000	Range 70 - 130		Recovery =	107.18%			
43) 1,2-Dichloroethane-d4	5.650	65	78056	11.628	ug/L	0.00	
Spiked Amount 10.000	Range 70 - 130		Recovery =	116.28%			
60) Toluene-d8	7.762	98	256420	9.413	ug/L	0.00	
Spiked Amount 10.000	Range 70 - 130		Recovery =	94.13%			
83) 4-Bromofluorobenzene	11.352	95	107696	9.557	ug/L	0.00	
Spiked Amount 10.000	Range 70 - 130		Recovery =	95.57%			
Target Compounds						Qvalue	
2) Dichlorodifluoromethane	0.000		0	N.D.			
3) Chloromethane	0.000		0	N.D.	d		
4) Vinyl chloride	0.000		0	N.D.			
5) Bromomethane	0.000		0	N.D.			
6) Chloroethane	2.109	64	57	N.D.			
7) Trichlorofluoromethane	0.000		0	N.D.			
8) Ethyl ether	0.000		0	N.D.			
10) 1,1-Dichloroethene	0.000		0	N.D.			
11) Carbon disulfide	2.834	76	2755	0.224	ug/L #	79	
15) Methylene chloride	3.364	84	825	0.174	ug/L #	1	
17) Acetone	0.000		0	N.D.	d		
18) trans-1,2-Dichloroethene	0.000		0	N.D.			
20) Methyl tert-butyl ether	0.000		0	N.D.			
23) 1,1-Dichloroethane	4.046	63	130	N.D.			
25) Acrylonitrile	0.000		0	N.D.	d		
27) Vinyl acetate	0.000		0	N.D.	d		
28) cis-1,2-Dichloroethene	0.000		0	N.D.			
29) 2,2-Dichloropropane	0.000		0	N.D.	d		
30) Bromochloromethane	0.000		0	N.D.			
32) Chloroform	0.000		0	N.D.	d		

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2017\170717A\
 Data File : V01170717A07.D
 Acq On : 17 Jul 2017 12:30
 Operator : VOA101:PD
 Sample : 11723686-17D,31,0.1,10,,a
 Misc : WG1023276,ICAL13786
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 17 15:28:25 2017
 Quant Method : I:\VOLATILES\VOA101\2017\170717A\V101_170629B_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Fri Jun 30 16:37:53 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2017\170717A\V01170717A02.D
 Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Carbon tetrachloride	0.000		0		N.D.	
37) 1,1,1-Trichloroethane	0.000		0		N.D.	
39) 2-Butanone	0.000		0		N.D. d	
40) 1,1-Dichloropropene	0.000		0		N.D.	
41) Benzene	5.508	78	36711	1.688	ug/L #	90
44) 1,2-Dichloroethane	0.000		0		N.D.	
48) Trichloroethene	6.157	95	61		N.D.	
50) Dibromomethane	0.000		0		N.D.	
51) 1,2-Dichloropropane	6.752	63	52		N.D.	
54) Bromodichloromethane	6.687	83	52		N.D.	
57) 1,4-Dioxane	0.000		0		N.D.	
58) cis-1,3-Dichloropropene	0.000		0		N.D.	
61) Toluene	7.822	92	944012	62.504	ug/L	97
62) 4-Methyl-2-pentanone	0.000		0		N.D.	
63) Tetrachloroethene	0.000		0		N.D.	
65) trans-1,3-Dichloropropene	0.000		0		N.D.	
68) 1,1,2-Trichloroethane	0.000		0		N.D. d	
69) Chlorodibromomethane	0.000		0		N.D.	
70) 1,3-Dichloropropane	0.000		0		N.D.	
71) 1,2-Dibromoethane	0.000		0		N.D.	
72) 2-Hexanone	0.000		0		N.D.	
73) Chlorobenzene	9.797	112	50		N.D.	
74) Ethylbenzene	9.819	91	1195071	40.098	ug/L	96
75) 1,1,1,2-Tetrachloroethane	0.000		0		N.D.	
76) p/m Xylene	10.026	106	1620668	140.423	ug/L	87
77) o Xylene	10.593	106	367434	34.740	ug/L	87
78) Styrene	0.000		0		N.D. d	
80) Bromoform	0.000		0		N.D.	
82) Isopropylbenzene	11.003	105	39792	1.159	ug/L	99
84) Bromobenzene	0.000		0		N.D.	
85) n-Propylbenzene	11.516	91	111832	2.762	ug/L	94
87) 1,1,2,2-Tetrachloroethane	0.000		0		N.D.	
88) 4-Ethyltoluene	11.636	105	440894	13.794	ug/L	97
89) 2-Chlorotoluene	0.000		0		N.D. d	
90) 1,3,5-Trimethylbenzene	11.756	105	141595	5.283	ug/L	97
91) 1,2,3-Trichloropropane	0.000		0		N.D. d	
92) trans-1,4-Dichloro-2-b...	0.000		0		N.D. d	
93) 4-Chlorotoluene	11.914	91	533		N.D.	
94) tert-Butylbenzene	0.000		0		N.D. d	

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2017\170717A\
 Data File : V01170717A07.D
 Acq On : 17 Jul 2017 12:30
 Operator : VOA101:PD
 Sample : 11723686-17D,31,0.1,10,,a
 Misc : WG1023276,ICAL13786
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 17 15:28:25 2017
 Quant Method : I:\VOLATILES\VOA101\2017\170717A\V101_170629B_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Fri Jun 30 16:37:53 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2017\170717A\V01170717A02.D
 Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97) 1,2,4-Trimethylbenzene	12.208	105	525472	19.791	ug/L	97
98) sec-Butylbenzene	0.000		0	N.D.	d	
99) p-Isopropyltoluene	0.000		0	N.D.	d	
100) 1,3-Dichlorobenzene	12.590	146	50	N.D.		
101) 1,4-Dichlorobenzene	12.689	146	454	N.D.		
102) p-Diethylbenzene	0.000		0	N.D.	d	
103) n-Butylbenzene	12.983	91	5654	0.239	ug/L #	82
104) 1,2-Dichlorobenzene	13.174	146	50	N.D.		
105) 1,2,4,5-Tetramethylben...	13.796	119	12529	0.664	ug/L	97
106) 1,2-Dibromo-3-chloropr...	0.000		0	N.D.		
108) Hexachlorobutadiene	0.000		0	N.D.		
109) 1,2,4-Trichlorobenzene	14.746	180	179	N.D.		
110) Naphthalene	15.068	128	24336	4.354	ug/L	100
111) 1,2,3-Trichlorobenzene	0.000		0	N.D.		

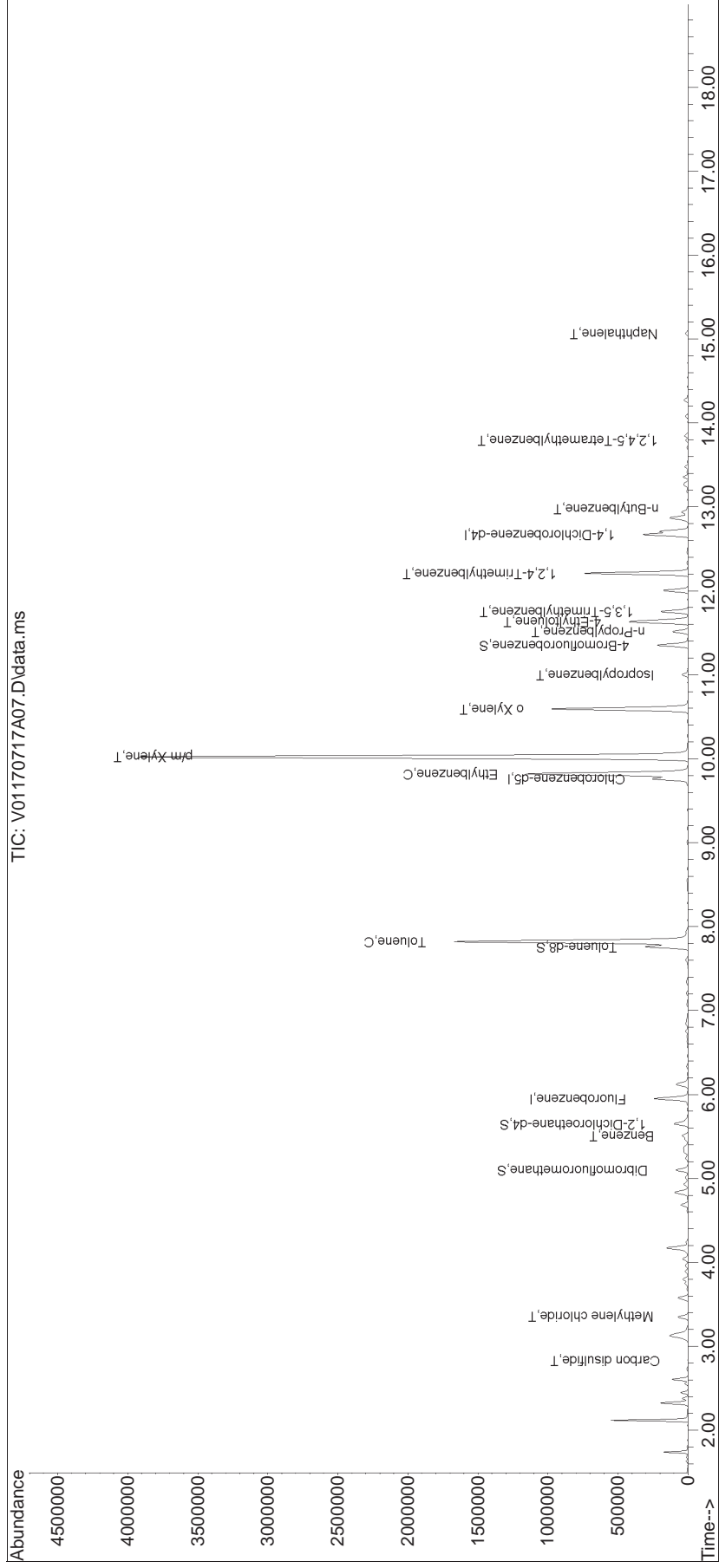
(#) = qualifier out of range (m) = manual integration (+) = signals summed

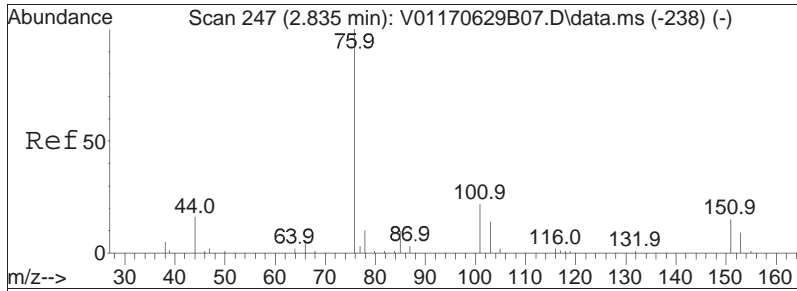
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2017\170717A\
 Data File : V01170717A07.D
 Acq On : 17 Jul 2017 12:30
 Operator : VOA101:PD
 Sample : 11723686-17D,31,0.1,10,,a
 Misc : WG1023276,ICAL13786
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 17 15:28:25 2017
 Quant Method : I:\VOLATILES\VOA101\2017\170717A\V101_170629B_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Fri Jun 30 16:37:53 2017
 Response via : Initial Calibration

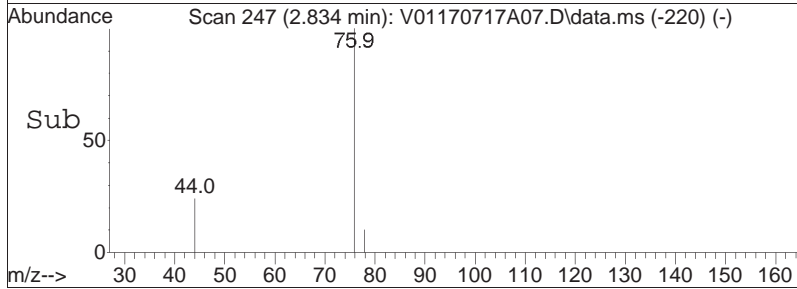
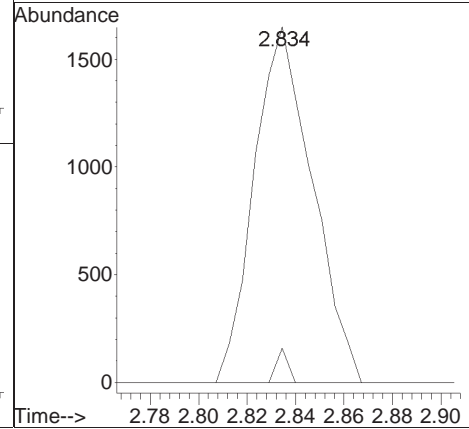
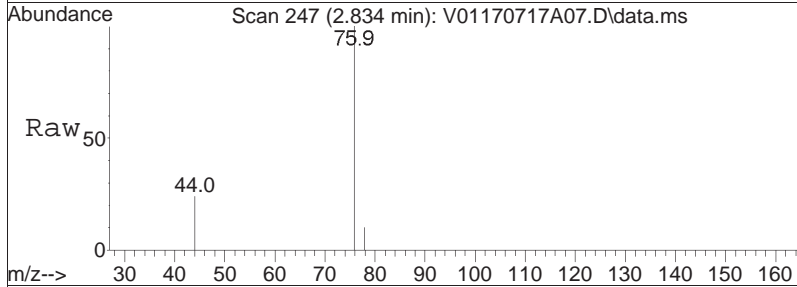
Sub List : 8260-NYTCL - Megamix plus Diox70717A\V01170717A02.D•

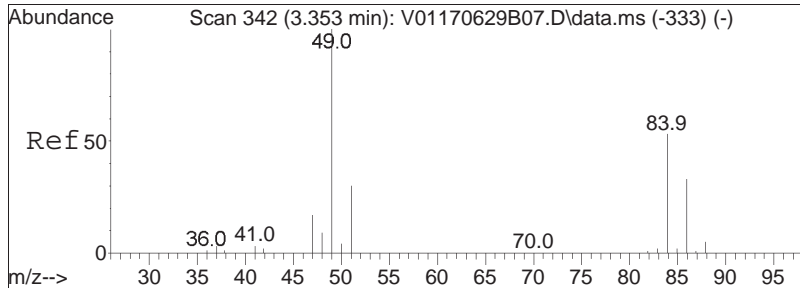




#11
 Carbon disulfide
 Concen: 0.22 ug/L
 RT: 2.834 min Scan# 247
 Delta R.T. -0.001 min
 Lab File: V01170717A07.D
 Acq: 17 Jul 2017 12:30

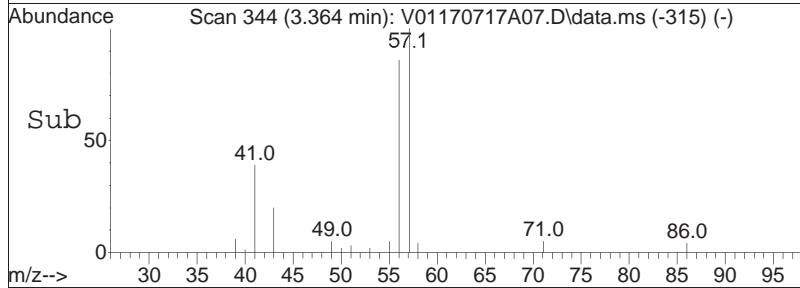
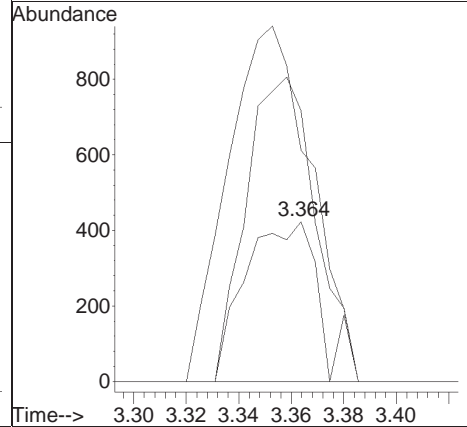
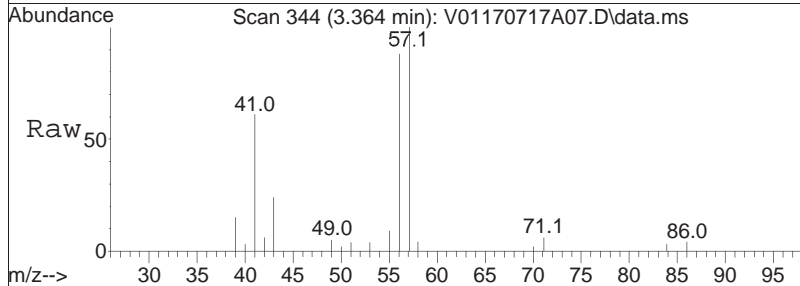
Tgt Ion: 76 Resp: 2755
 Ion Ratio Lower Upper
 76 100
 78 1.9 6.3 13.1#

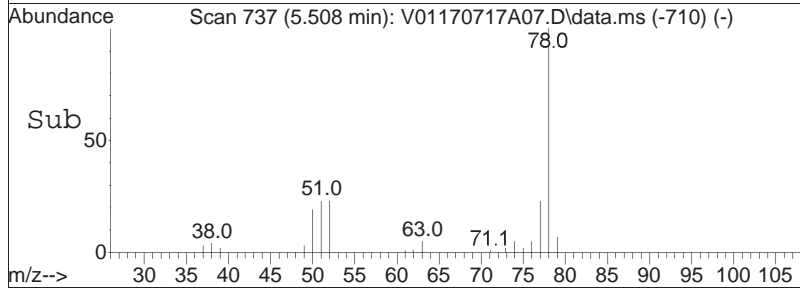
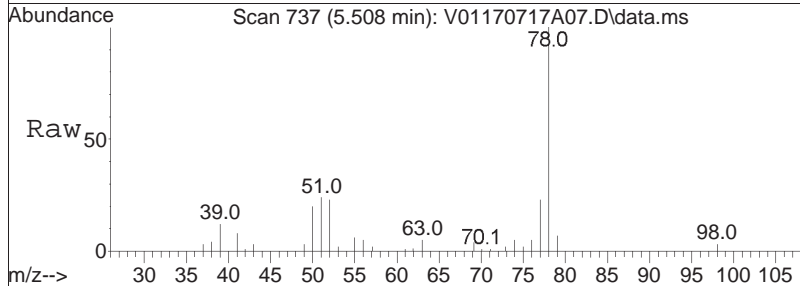
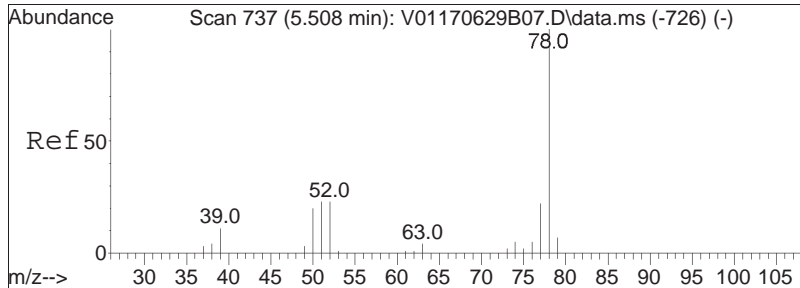




#15
 Methylene chloride
 Concen: 0.17 ug/L
 RT: 3.364 min Scan# 344
 Delta R.T. 0.011 min
 Lab File: V01170717A07.D
 Acq: 17 Jul 2017 12:30

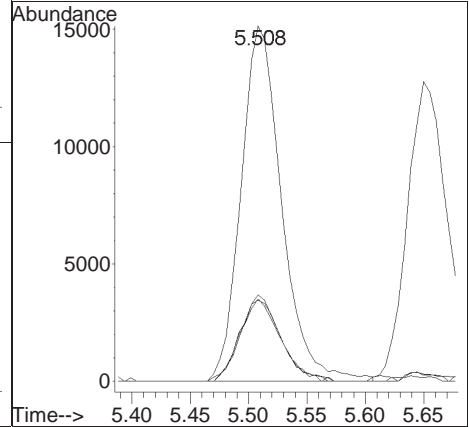
Tgt Ion:	84	Resp:	825
Ion Ratio	Lower	Upper	
84	100		
86	250.5	41.0	85.2#
49	180.2	88.5	183.9

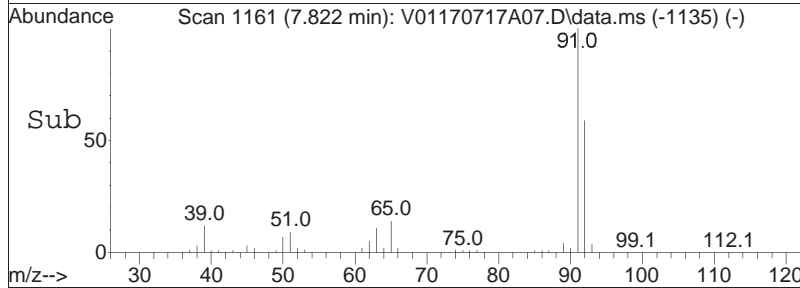
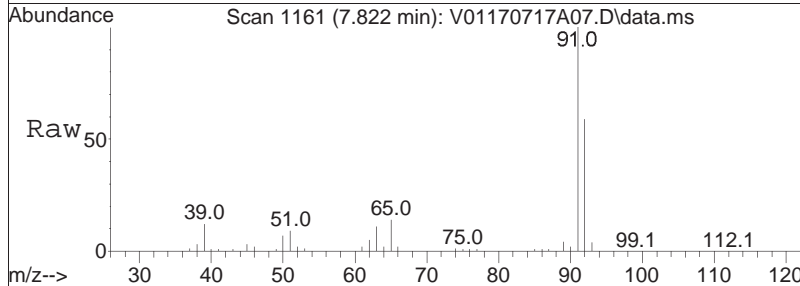
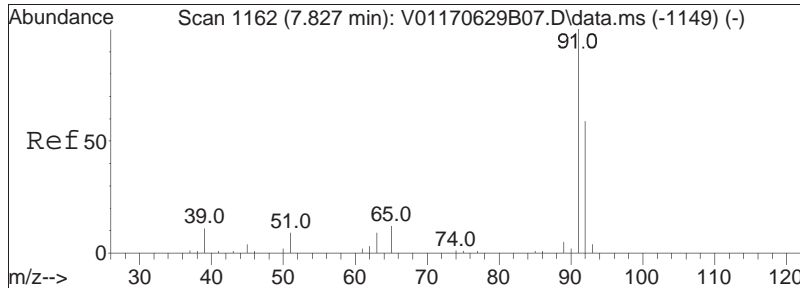




#41
Benzene
Concen: 1.69 ug/L
RT: 5.508 min Scan# 737
Delta R.T. 0.000 min
Lab File: V01170717A07.D
Acq: 17 Jul 2017 12:30

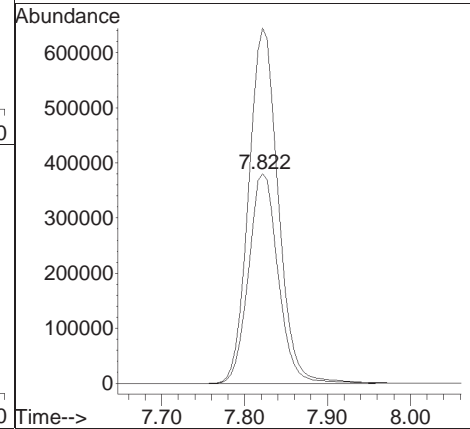
Tgt Ion	Resp	Lower	Upper
78	36711		
77	23.3	15.3	31.9
51	24.2	10.9	22.5#
52	23.0	10.1	20.9#

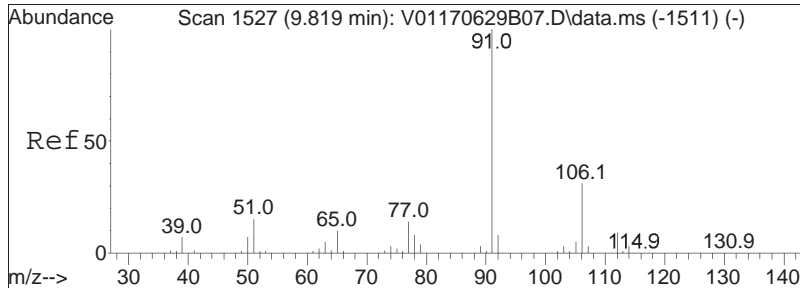




#61
 Toluene
 Concen: 62.50 ug/L
 RT: 7.822 min Scan# 1161
 Delta R.T. -0.005 min
 Lab File: V01170717A07.D
 Acq: 17 Jul 2017 12:30

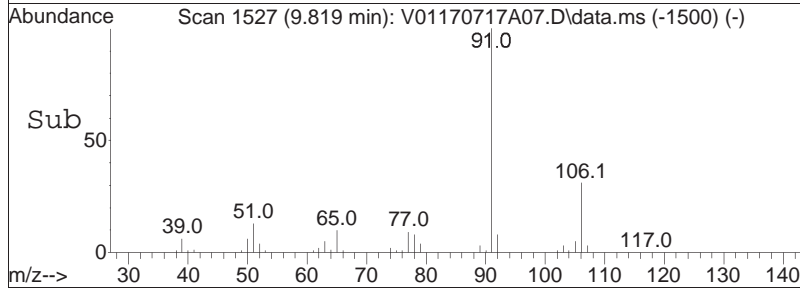
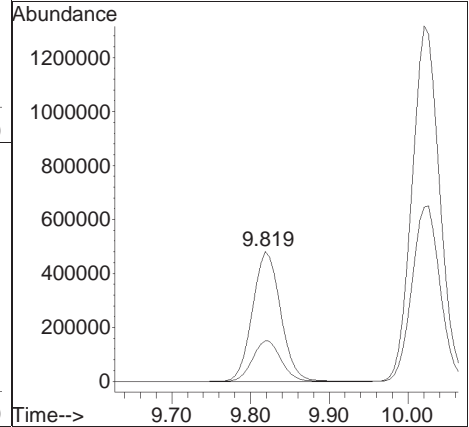
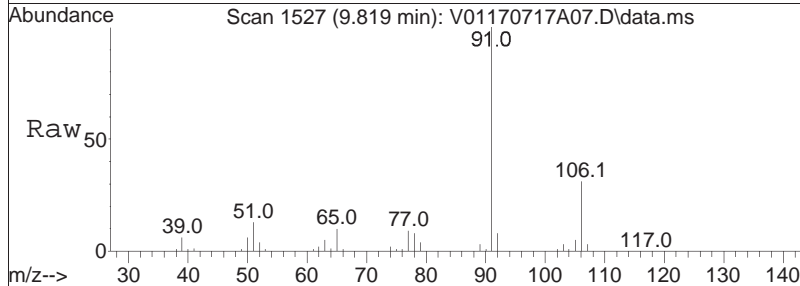
Tgt Ion:	92	Resp:	944012
Ion Ratio	Lower	Upper	
92	100		
91	169.0	138.6	207.8

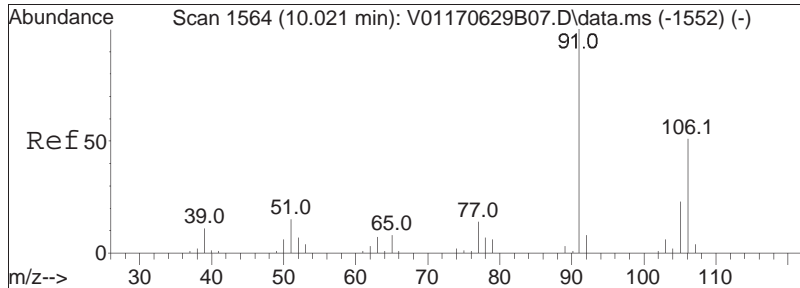




#74
 Ethylbenzene
 Concen: 40.10 ug/L
 RT: 9.819 min Scan# 1527
 Delta R.T. -0.000 min
 Lab File: V01170717A07.D
 Acq: 17 Jul 2017 12:30

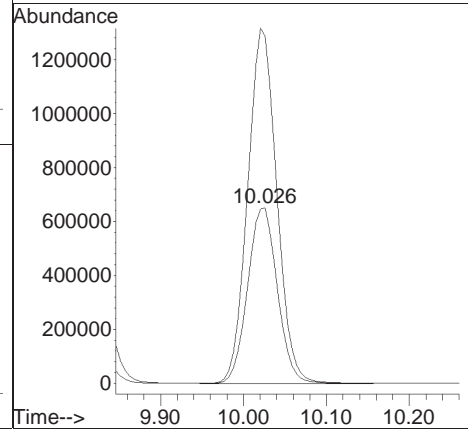
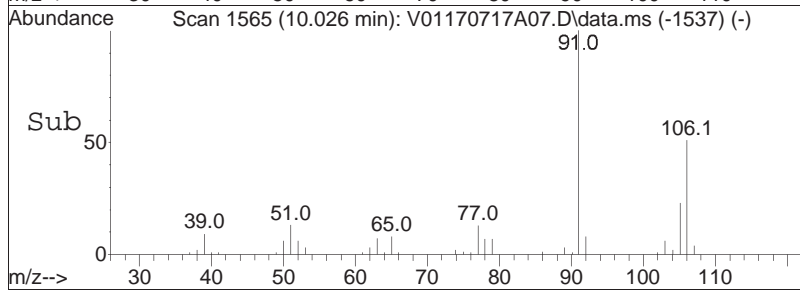
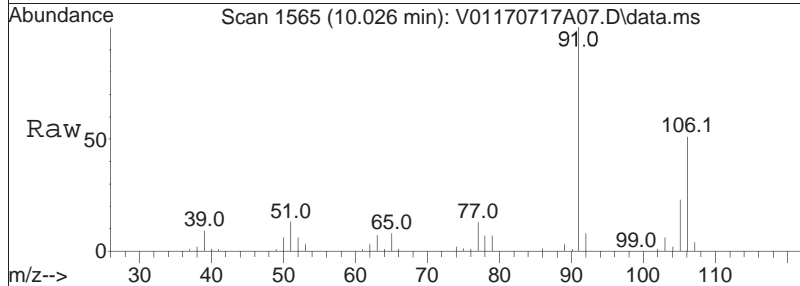
Tgt Ion: 91 Resp: 1195071
 Ion Ratio Lower Upper
 91 100
 106 31.7 23.5 35.3

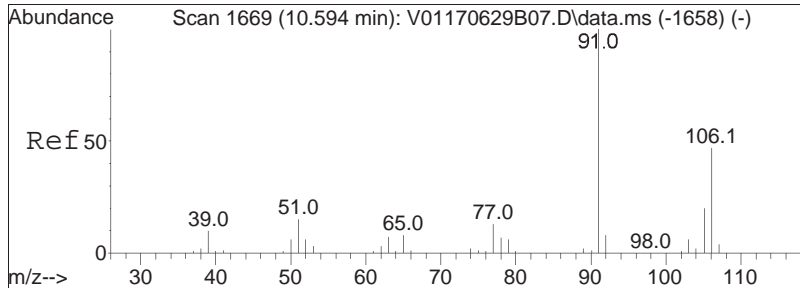




#76
 p/m Xylene
 Concen: 140.42 ug/L
 RT: 10.026 min Scan# 1565
 Delta R.T. 0.005 min
 Lab File: V01170717A07.D
 Acq: 17 Jul 2017 12:30

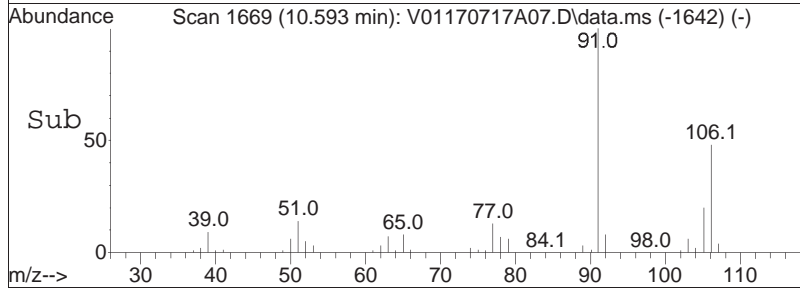
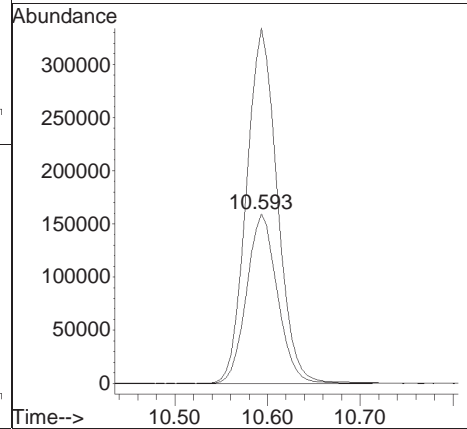
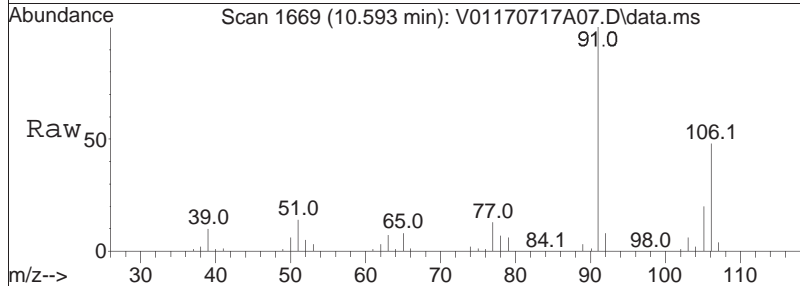
Tgt Ion:106 Resp: 1620668
 Ion Ratio Lower Upper
 106 100
 91 197.5 174.8 262.2

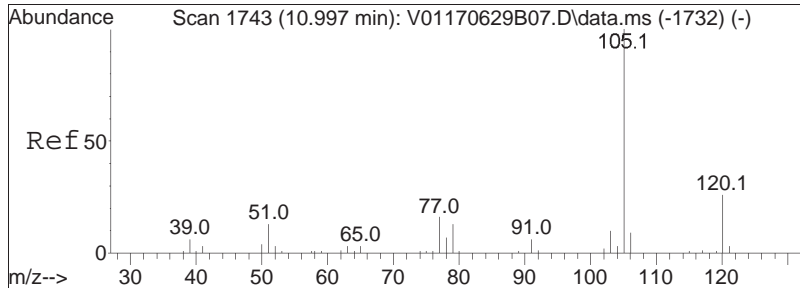




#77
 o Xylene
 Concen: 34.74 ug/L
 RT: 10.593 min Scan# 1669
 Delta R.T. -0.001 min
 Lab File: V01170717A07.D
 Acq: 17 Jul 2017 12:30

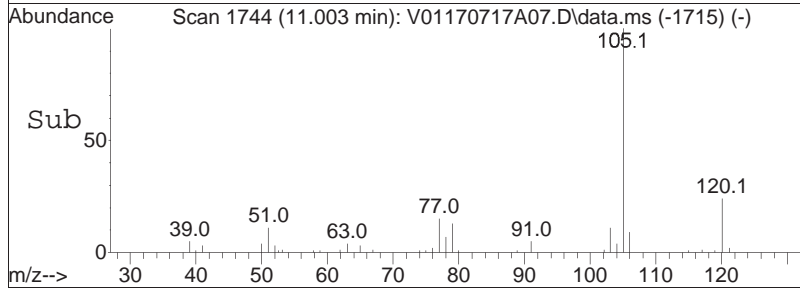
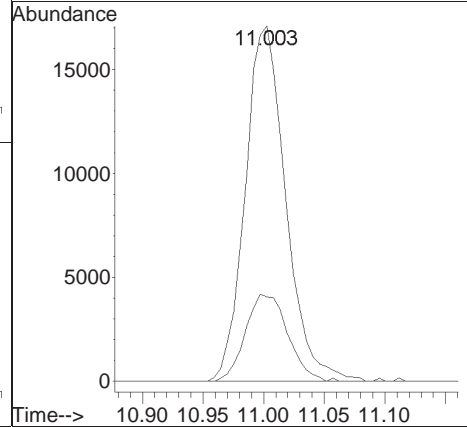
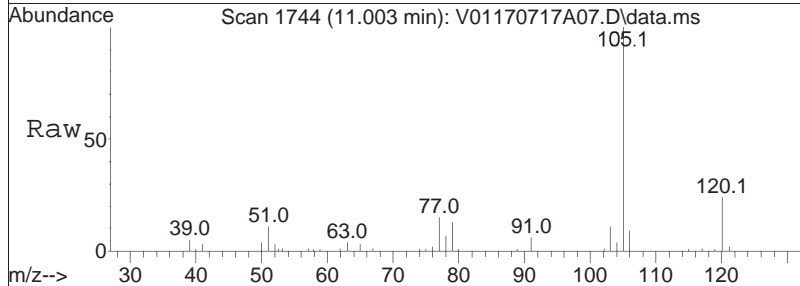
Tgt Ion	Resp	Lower	Upper
106	100		
91	209.7	184.5	276.7

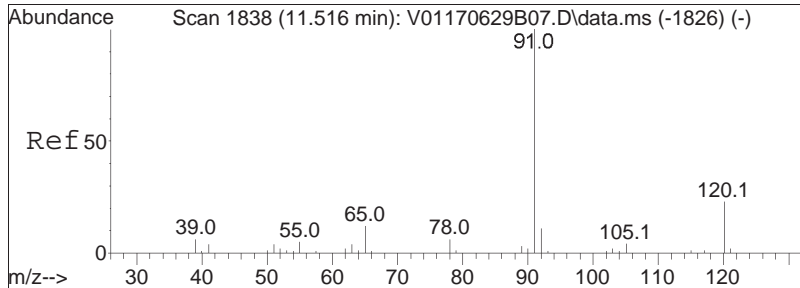




#82
 Isopropylbenzene
 Concen: 1.16 ug/L
 RT: 11.003 min Scan# 1744
 Delta R.T. 0.006 min
 Lab File: V01170717A07.D
 Acq: 17 Jul 2017 12:30

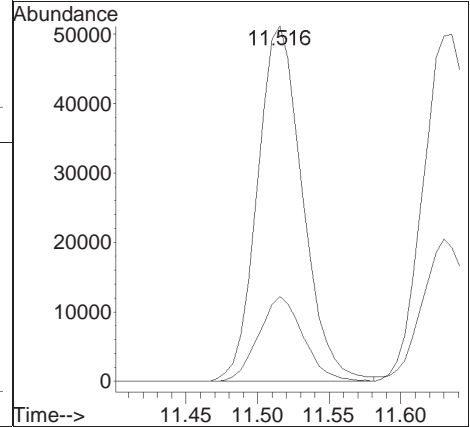
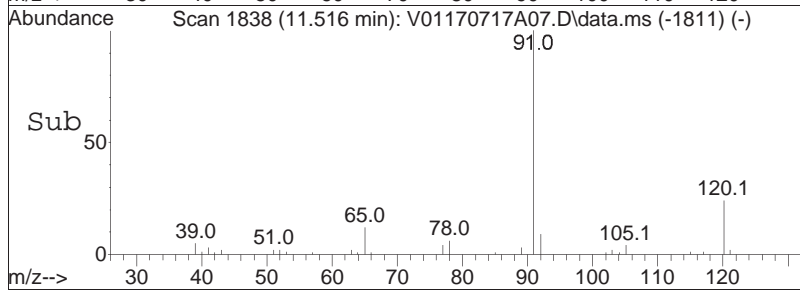
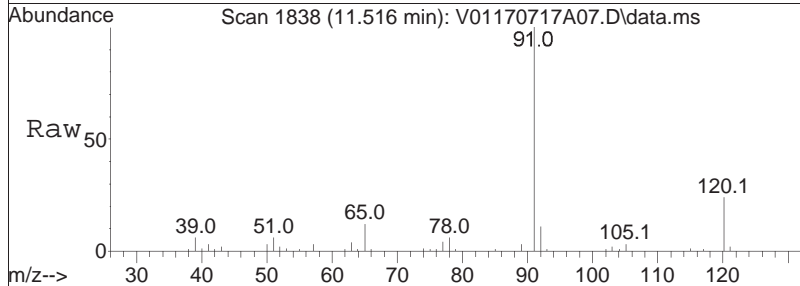
Tgt Ion:	105	Resp:	39792
Ion Ratio	Lower	Upper	
105	100		
120	25.6	6.1	46.1

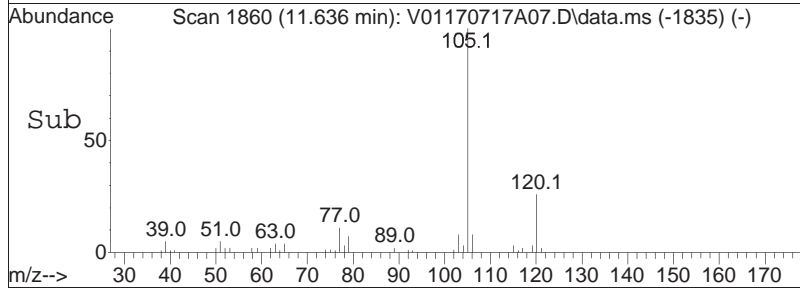
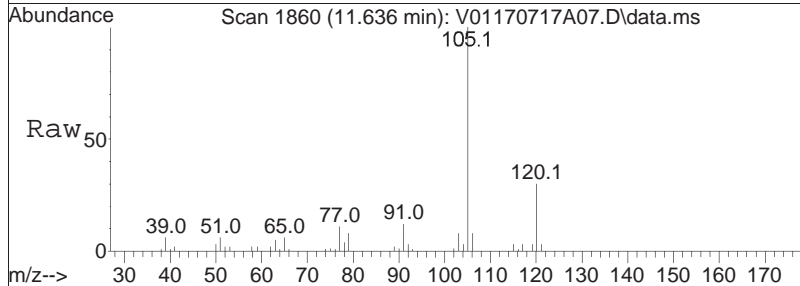
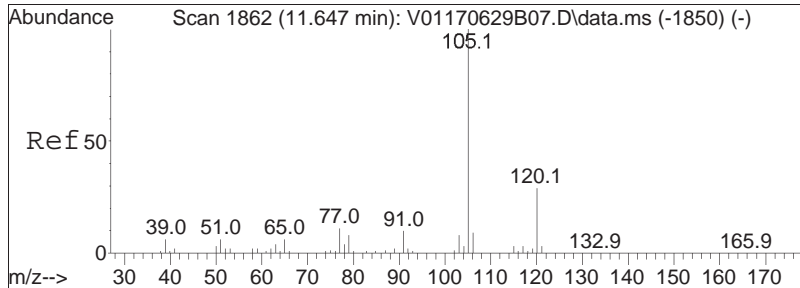




#85
 n-Propylbenzene
 Concen: 2.76 ug/L
 RT: 11.516 min Scan# 1838
 Delta R.T. -0.000 min
 Lab File: V01170717A07.D
 Acq: 17 Jul 2017 12:30

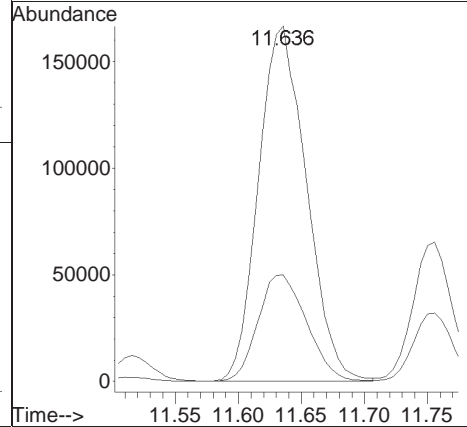
Tgt Ion: 91 Resp: 111832
 Ion Ratio Lower Upper
 91 100
 120 23.6 16.6 25.0

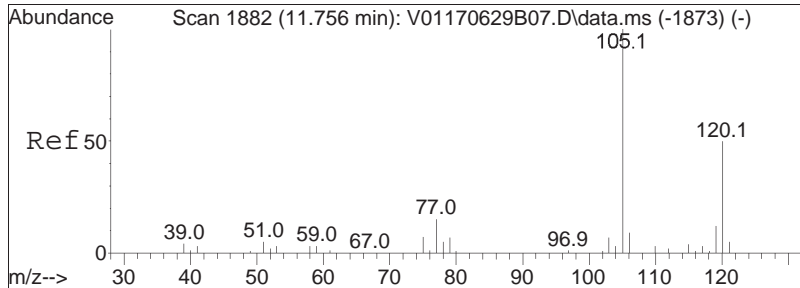




#88
 4-Ethyltoluene
 Concen: 13.79 ug/L
 RT: 11.636 min Scan# 1860
 Delta R.T. -0.011 min
 Lab File: V01170717A07.D
 Acq: 17 Jul 2017 12:30

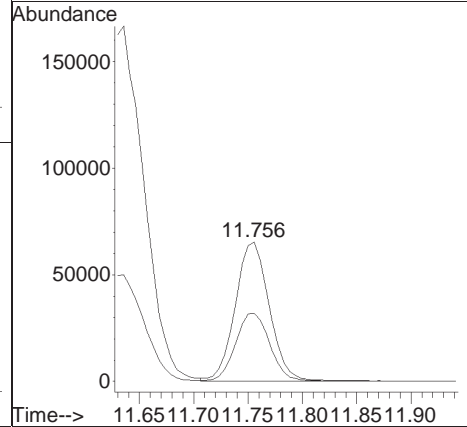
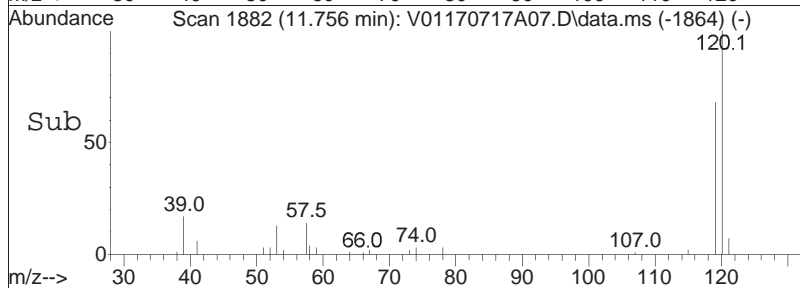
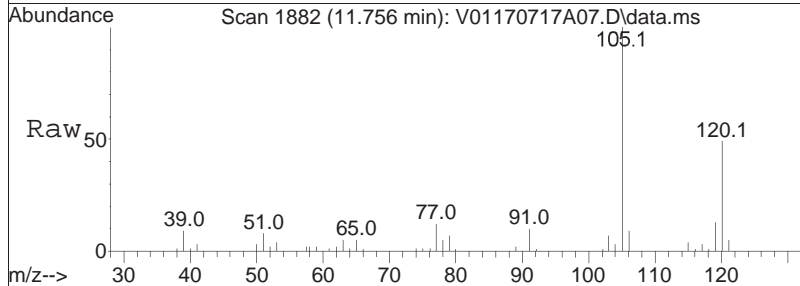
Tgt Ion	Resp	Lower	Upper
105	100		
120	30.4	18.9	39.1

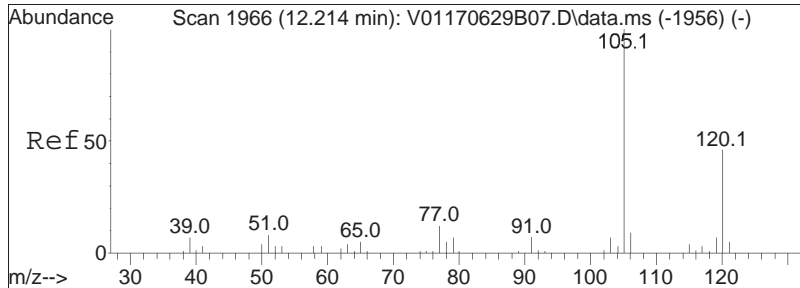




#90
 1,3,5-Trimethylbenzene
 Concen: 5.28 ug/L
 RT: 11.756 min Scan# 1882
 Delta R.T. -0.000 min
 Lab File: V01170717A07.D
 Acq: 17 Jul 2017 12:30

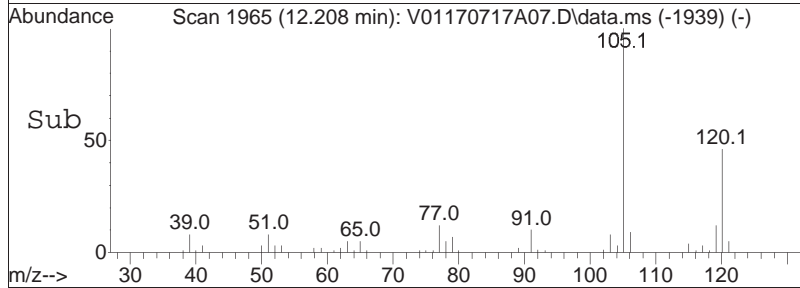
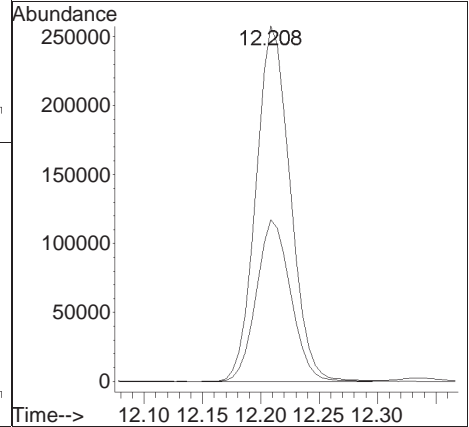
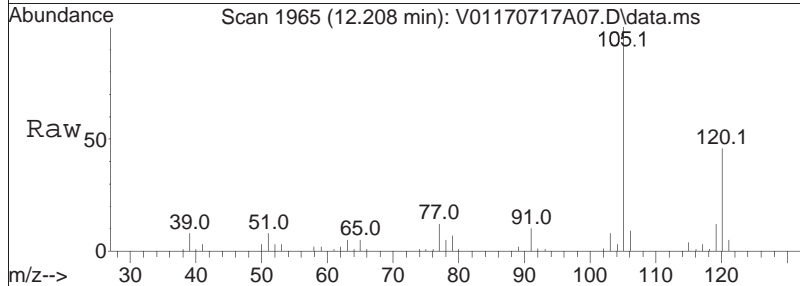
Tgt Ion	Resp	Lower	Upper
105	100		
120	49.0	37.8	56.8

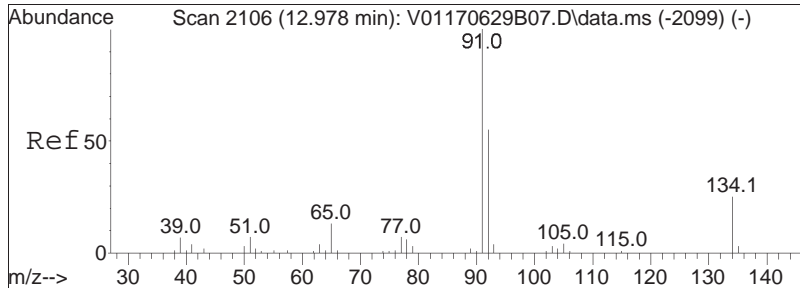




#97
 1,2,4-Trimethylbenzene
 Concen: 19.79 ug/L
 RT: 12.208 min Scan# 1965
 Delta R.T. -0.006 min
 Lab File: V01170717A07.D
 Acq: 17 Jul 2017 12:30

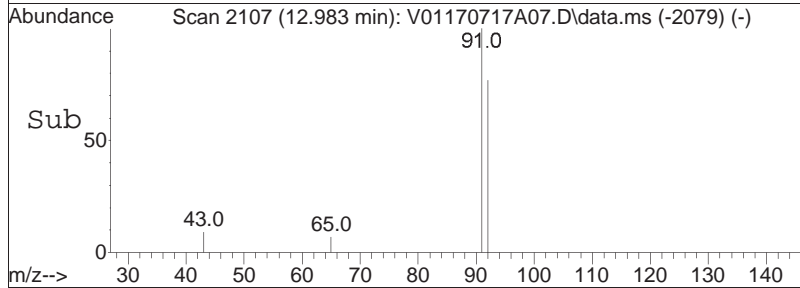
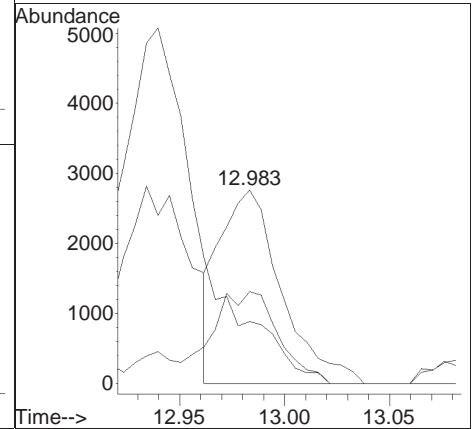
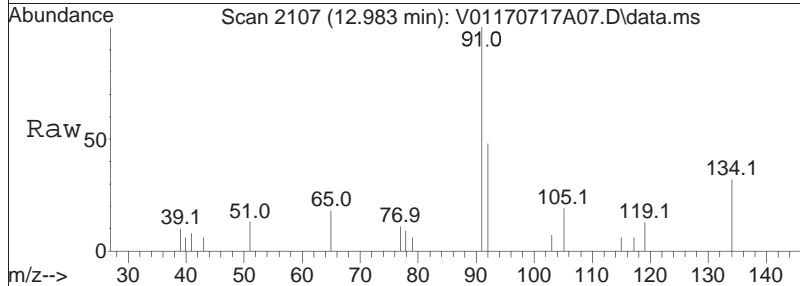
Tgt Ion	Resp	Lower	Upper
105	100		
120	45.6	35.0	52.6

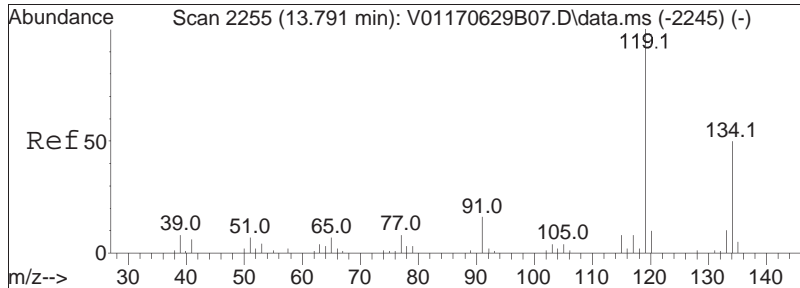




#103
 n-Butylbenzene
 Concen: 0.24 ug/L
 RT: 12.983 min Scan# 2107
 Delta R.T. 0.005 min
 Lab File: V01170717A07.D
 Acq: 17 Jul 2017 12:30

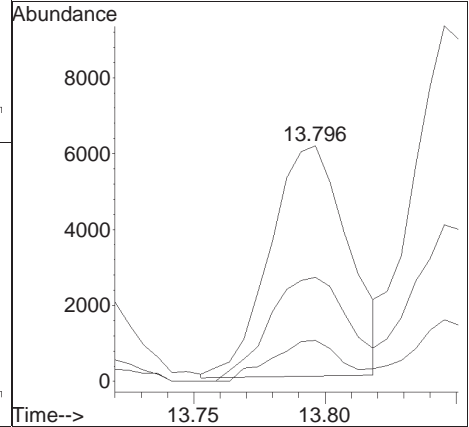
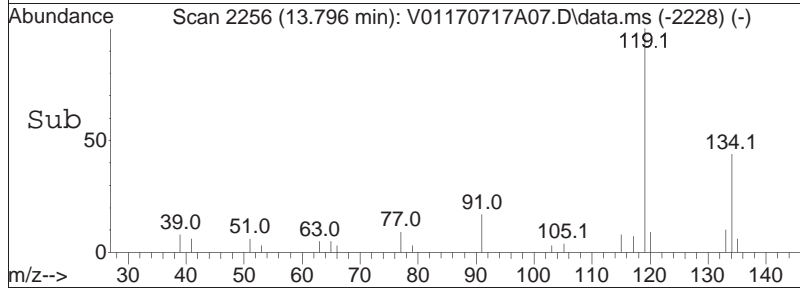
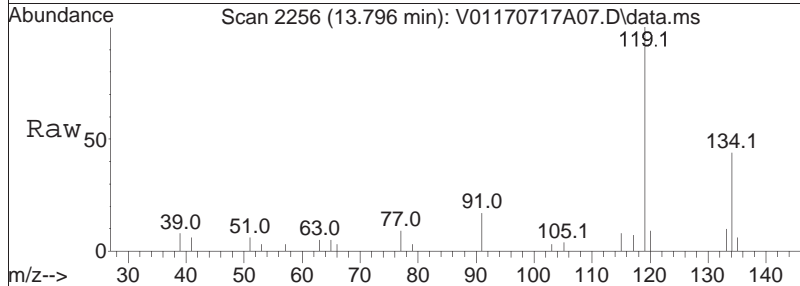
Tgt Ion	Resp	Lower	Upper
91	100		
92	50.6	43.4	65.0
134	0.0	19.0	28.4#

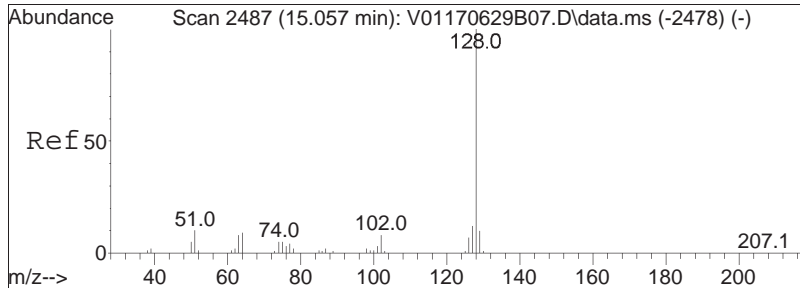




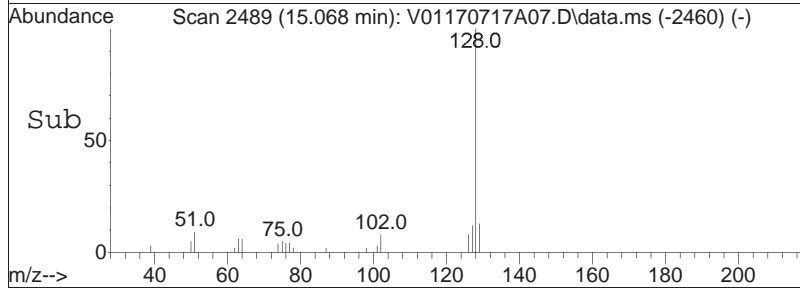
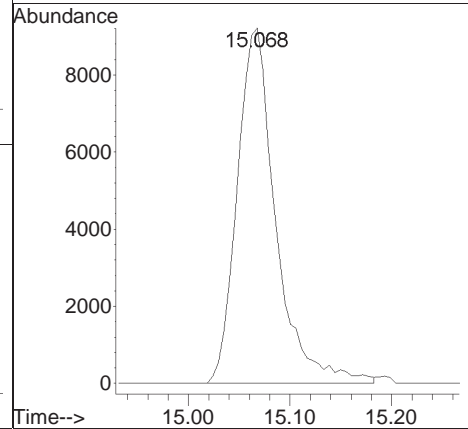
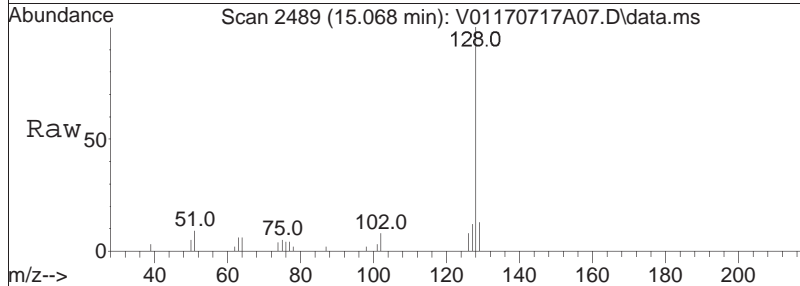
#105
 1,2,4,5-Tetramethylbenzene
 Concen: 0.66 ug/L
 RT: 13.796 min Scan# 2256
 Delta R.T. 0.005 min
 Lab File: V01170717A07.D
 Acq: 17 Jul 2017 12:30

Tgt Ion	Resp	Lower	Upper
119	12529		
119	100		
134	46.5	29.3	60.9
91	15.5	11.8	24.4





#110
 Naphthalene
 Concen: 4.35 ug/L
 RT: 15.068 min Scan# 2489
 Delta R.T. 0.011 min
 Lab File: V01170717A07.D
 Acq: 17 Jul 2017 12:30
 Tgt Ion:128 Resp: 24336



Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2017\1QMethod : V101_170629B_8260.m
Data File : V01170717A07.D Operator : VOA101:PD
Date Inj'd : 7/17/2017 12:30 Instrument : VOA 101
Sample : 11723686-17D,31,0.1,10,,a Quant Date : 7/17/2017 3:24 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2017\170717A\
 Data File : V01170717A09.D
 Acq On : 17 Jul 2017 13:27
 Operator : VOA101:PD
 Sample : 11723686-18D,31,0.02,10,,a
 Misc : WG1023276,ICAL13786
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jul 17 15:31:04 2017
 Quant Method : I:\VOLATILES\VOA101\2017\170717A\V101_170629B_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Fri Jun 30 16:37:53 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2017\170717A\V01170717A02.D
 Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	

Internal Standards							
1) Fluorobenzene	5.950	96	249764	10.000	ug/L	0.00	
Standard Area 1 = 290727			Recovery =	85.91%			
59) Chlorobenzene-d5	9.764	117	201530	10.000	ug/L	0.00	
Standard Area 1 = 229670			Recovery =	87.75%			
79) 1,4-Dichlorobenzene-d4	12.672	152	102041	10.000	ug/L	0.00	
Standard Area 1 = 121874			Recovery =	83.73%			
System Monitoring Compounds							
36) Dibromofluoromethane	5.099	113	62628	10.827	ug/L	0.00	
Spiked Amount 10.000	Range 70 - 130		Recovery =	108.27%			
43) 1,2-Dichloroethane-d4	5.650	65	77815	11.608	ug/L	0.00	
Spiked Amount 10.000	Range 70 - 130		Recovery =	116.08%			
60) Toluene-d8	7.762	98	258787	9.600	ug/L	0.00	
Spiked Amount 10.000	Range 70 - 130		Recovery =	96.00%			
83) 4-Bromofluorobenzene	11.352	95	100662	9.787	ug/L	0.00	
Spiked Amount 10.000	Range 70 - 130		Recovery =	97.87%			
Target Compounds							
							Qvalue
2) Dichlorodifluoromethane	0.000		0		N.D.		
3) Chloromethane	0.000		0		N.D.	d	
4) Vinyl chloride	0.000		0		N.D.		
5) Bromomethane	0.000		0		N.D.		
6) Chloroethane	2.109	64	115		N.D.		
7) Trichlorofluoromethane	0.000		0		N.D.		
8) Ethyl ether	0.000		0		N.D.		
10) 1,1-Dichloroethene	0.000		0		N.D.		
11) Carbon disulfide	2.834	76	2617	0.213	ug/L	#	79
15) Methylene chloride	3.358	84	803	0.169	ug/L		69
17) Acetone	0.000		0		N.D.	d	
18) trans-1,2-Dichloroethene	0.000		0		N.D.		
20) Methyl tert-butyl ether	0.000		0		N.D.		
23) 1,1-Dichloroethane	0.000		0		N.D.		
25) Acrylonitrile	0.000		0		N.D.	d	
27) Vinyl acetate	0.000		0		N.D.		
28) cis-1,2-Dichloroethene	0.000		0		N.D.		
29) 2,2-Dichloropropane	0.000		0		N.D.		
30) Bromochloromethane	0.000		0		N.D.		
32) Chloroform	0.000		0		N.D.		

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2017\170717A\
 Data File : V01170717A09.D
 Acq On : 17 Jul 2017 13:27
 Operator : VOA101:PD
 Sample : 11723686-18D,31,0.02,10,,a
 Misc : WG1023276,ICAL13786
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jul 17 15:31:04 2017
 Quant Method : I:\VOLATILES\VOA101\2017\170717A\V101_170629B_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Fri Jun 30 16:37:53 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2017\170717A\V01170717A02.D
 Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Carbon tetrachloride	0.000		0		N.D.	
37) 1,1,1-Trichloroethane	0.000		0		N.D.	
39) 2-Butanone	5.235	43	50		N.D.	
40) 1,1-Dichloropropene	0.000		0		N.D.	
41) Benzene	5.508	78	99622	4.586	ug/L #	90
44) 1,2-Dichloroethane	0.000		0		N.D.	
48) Trichloroethene	0.000		0		N.D.	
50) Dibromomethane	0.000		0		N.D.	
51) 1,2-Dichloropropane	0.000		0		N.D.	
54) Bromodichloromethane	0.000		0		N.D.	
57) 1,4-Dioxane	0.000		0		N.D.	
58) cis-1,3-Dichloropropene	0.000		0		N.D.	
61) Toluene	7.822	92	1092970	73.126	ug/L	97
62) 4-Methyl-2-pentanone	0.000		0		N.D.	
63) Tetrachloroethene	0.000		0		N.D.	
65) trans-1,3-Dichloropropene	0.000		0		N.D.	
68) 1,1,2-Trichloroethane	0.000		0		N.D.	
69) Chlorodibromomethane	0.000		0		N.D.	
70) 1,3-Dichloropropane	0.000		0		N.D.	
71) 1,2-Dibromoethane	0.000		0		N.D.	
72) 2-Hexanone	0.000		0		N.D.	
73) Chlorobenzene	0.000		0		N.D.	
74) Ethylbenzene	9.819	91	224817	7.623	ug/L	95
75) 1,1,1,2-Tetrachloroethane	0.000		0		N.D.	
76) p/m Xylene	10.021	106	305556	26.753	ug/L	86
77) o Xylene	10.593	106	127214	12.154	ug/L	89
78) Styrene	0.000		0		N.D. d	
80) Bromoform	0.000		0		N.D.	
82) Isopropylbenzene	11.003	105	5382	0.172	ug/L	92
84) Bromobenzene	0.000		0		N.D.	
85) n-Propylbenzene	11.521	91	17117	0.463	ug/L	96
87) 1,1,2,2-Tetrachloroethane	0.000		0		N.D.	
88) 4-Ethyltoluene	11.630	105	84921	2.911	ug/L	96
89) 2-Chlorotoluene	0.000		0		N.D. d	
90) 1,3,5-Trimethylbenzene	11.756	105	24474	1.001	ug/L	99
91) 1,2,3-Trichloropropane	0.000		0		N.D.	
92) trans-1,4-Dichloro-2-b...	0.000		0		N.D. d	
93) 4-Chlorotoluene	0.000		0		N.D. d	
94) tert-Butylbenzene	0.000		0		N.D. d	

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2017\170717A\
 Data File : V01170717A09.D
 Acq On : 17 Jul 2017 13:27
 Operator : VOA101:PD
 Sample : 11723686-18D,31,0.02,10,,a
 Misc : WG1023276,ICAL13786
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jul 17 15:31:04 2017
 Quant Method : I:\VOLATILES\VOA101\2017\170717A\V101_170629B_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Fri Jun 30 16:37:53 2017
 Response via : Initial Calibration

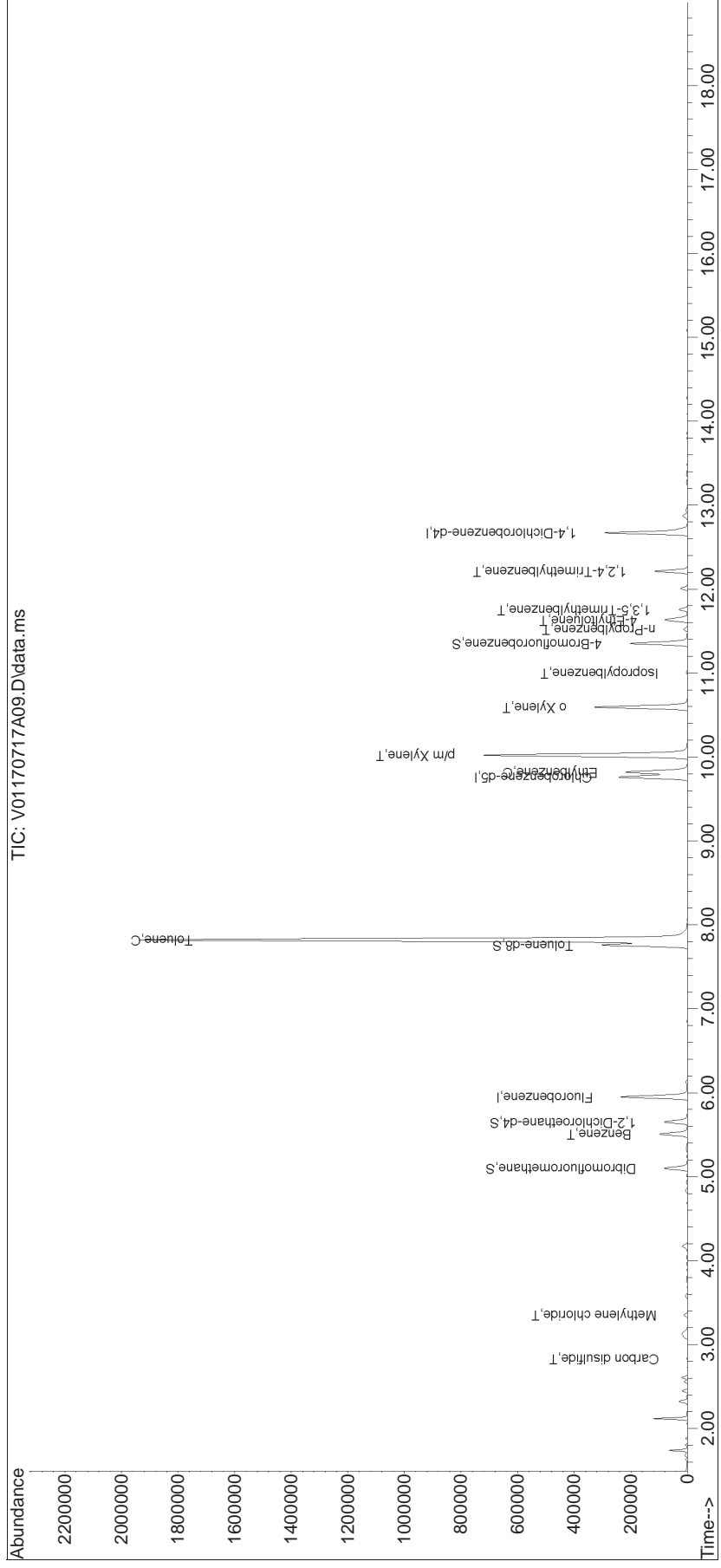
CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2017\170717A\V01170717A02.D
 Sub List : 8260-NYTCL - Megamix plus Diox

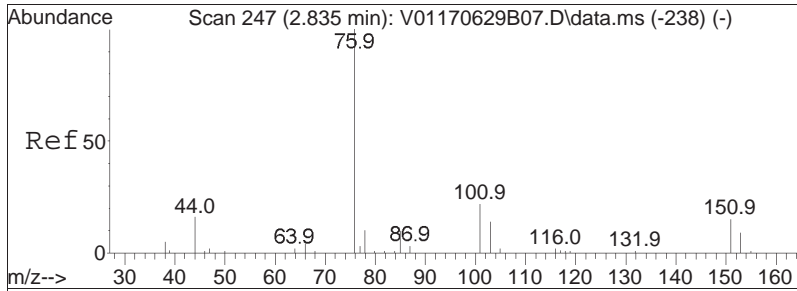
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97) 1,2,4-Trimethylbenzene	12.214	105	83842	3.460	ug/L	97
98) sec-Butylbenzene	0.000		0	N.D.	d	
99) p-Isopropyltoluene	12.460	119	1090	N.D.		
100) 1,3-Dichlorobenzene	0.000		0	N.D.		
101) 1,4-Dichlorobenzene	0.000		0	N.D.		
102) p-Diethylbenzene	0.000		0	N.D.	d	
103) n-Butylbenzene	12.989	91	853	N.D.		
104) 1,2-Dichlorobenzene	0.000		0	N.D.		
105) 1,2,4,5-Tetramethylben...	0.000		0	N.D.	d	
106) 1,2-Dibromo-3-chloropr...	0.000		0	N.D.		
108) Hexachlorobutadiene	0.000		0	N.D.		
109) 1,2,4-Trichlorobenzene	0.000		0	N.D.		
110) Naphthalene	0.000		0	N.D.	d	
111) 1,2,3-Trichlorobenzene	0.000		0	N.D.		

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

Quantitation Report (QT Reviewed)

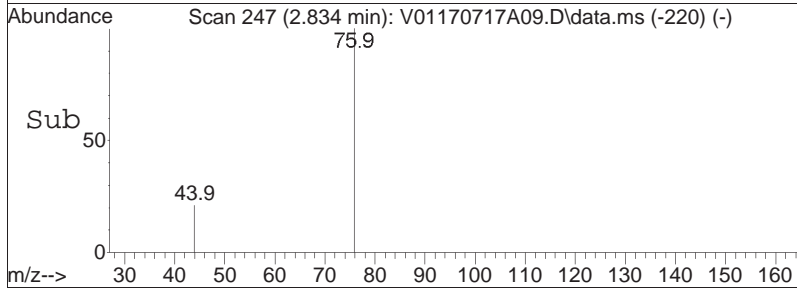
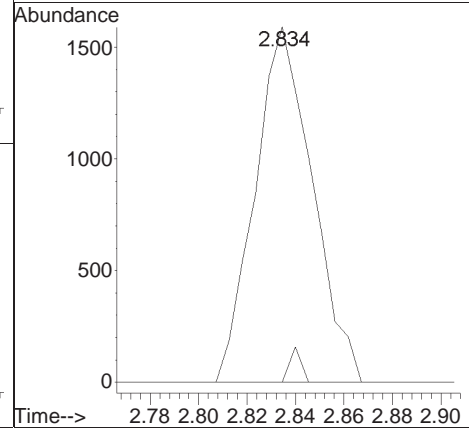
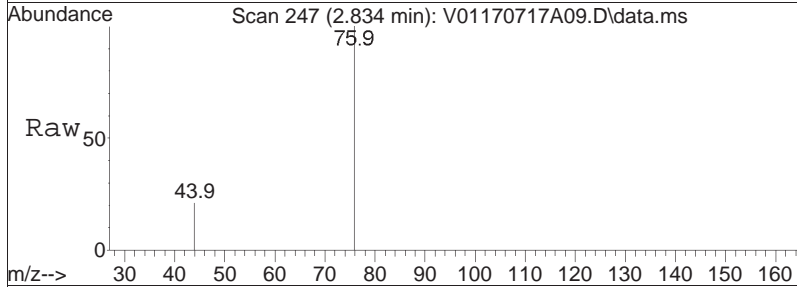
Data Path : I:\VOLATILES\VOA101\2017\170717A\
Data File : V01170717A09.D
Acq On : 17 Jul 2017 13:27
Operator : VOA101:PD
Sample : 11723686-18D,31,0.02,10,,a
Misc : WG1023276,ICAL13786
ALS Vial : 9 Sample Multiplier: 1
Quant Time: Jul 17 15:31:04 2017
Quant Method : I:\VOLATILES\VOA101\2017\170717A\2017\170717A\170629B_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jun 30 16:37:53 2017
Response via : Initial Calibration
Sub List : 8260-NYTCL - Megamix plus Diox70717A\V01170717A02.D•

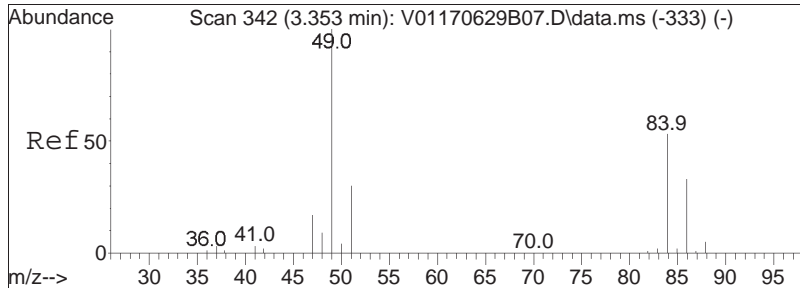




#11
 Carbon disulfide
 Concen: 0.21 ug/L
 RT: 2.834 min Scan# 247
 Delta R.T. -0.001 min
 Lab File: V01170717A09.D
 Acq: 17 Jul 2017 13:27

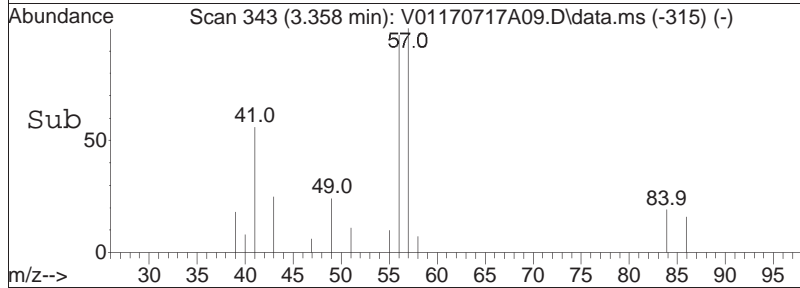
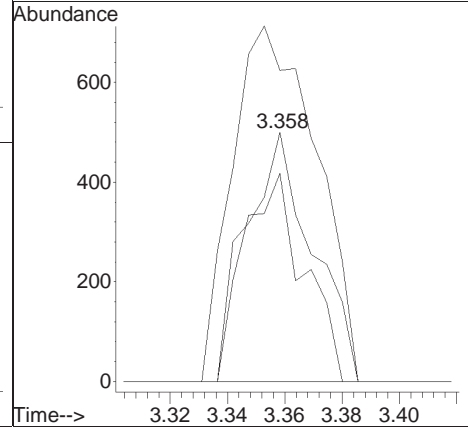
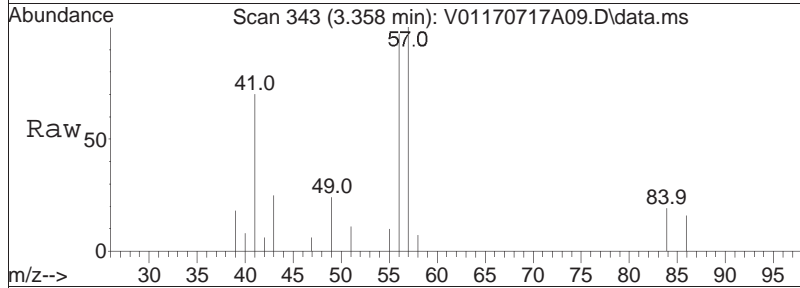
Tgt Ion: 76 Resp: 2617
 Ion Ratio Lower Upper
 76 100
 78 2.0 6.3 13.1#

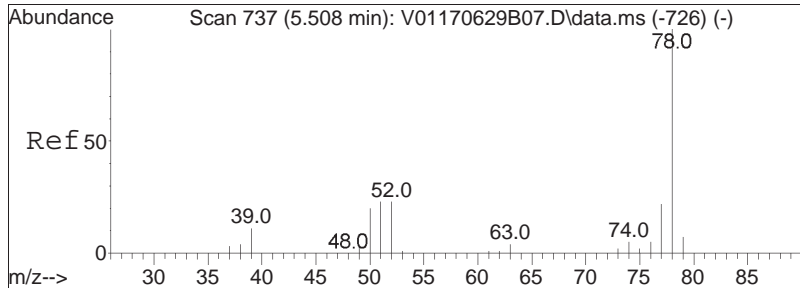




#15
 Methylene chloride
 Concen: 0.17 ug/L
 RT: 3.358 min Scan# 343
 Delta R.T. 0.005 min
 Lab File: V01170717A09.D
 Acq: 17 Jul 2017 13:27

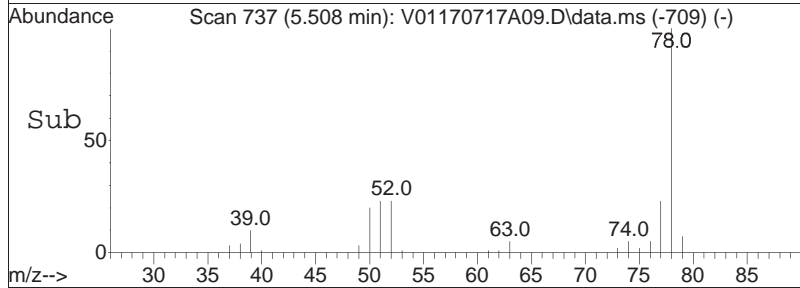
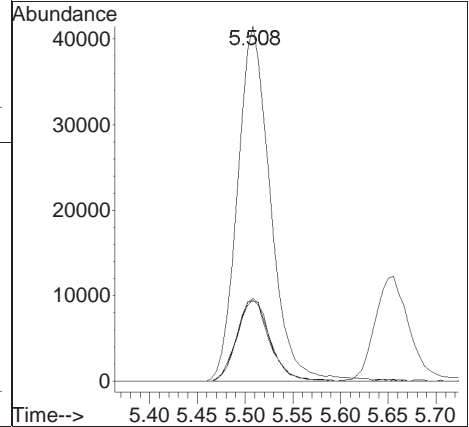
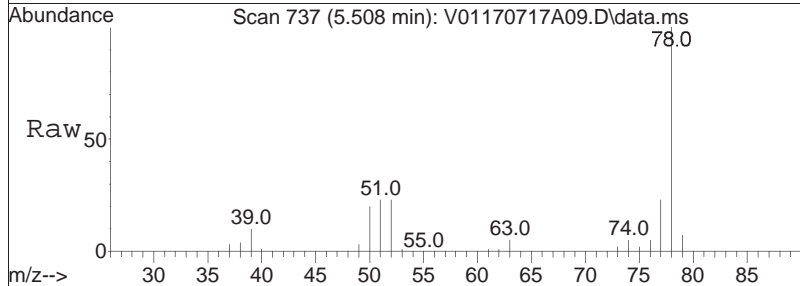
Tgt Ion:	84	Resp:	803
Ion Ratio	Lower	Upper	
84	100		
86	76.6	41.0	85.2
49	181.4	88.5	183.9

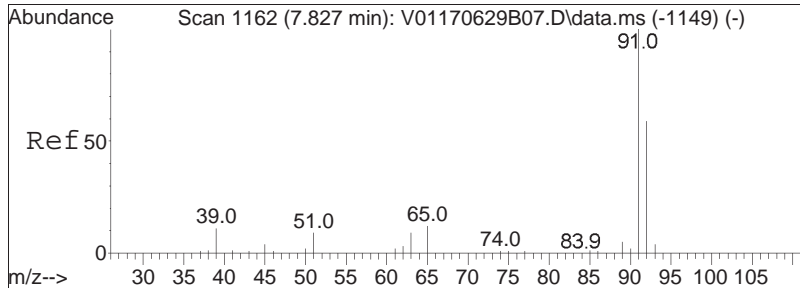




#41
Benzene
Concen: 4.59 ug/L
RT: 5.508 min Scan# 737
Delta R.T. 0.000 min
Lab File: V01170717A09.D
Acq: 17 Jul 2017 13:27

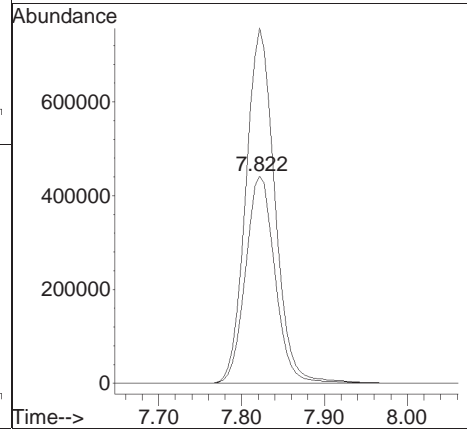
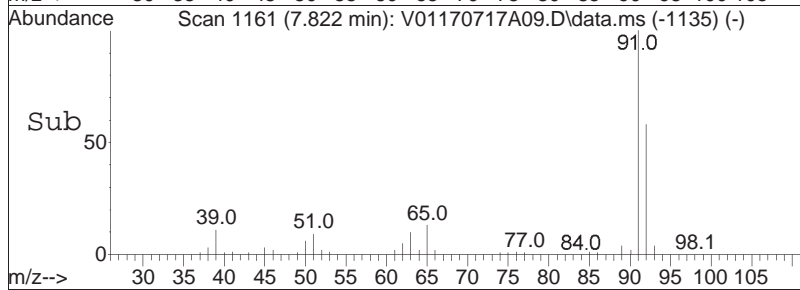
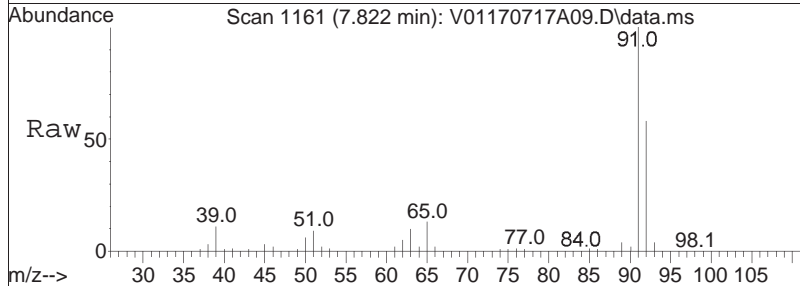
Tgt Ion	Resp	Lower	Upper
78	100		
77	23.2	15.3	31.9
51	23.6	10.9	22.5#
52	22.9	10.1	20.9#

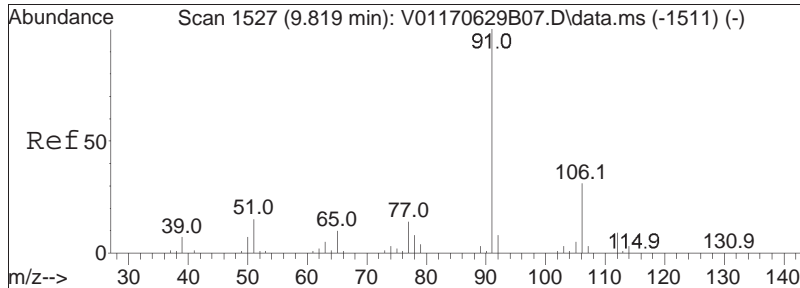




#61
 Toluene
 Concen: 73.13 ug/L
 RT: 7.822 min Scan# 1161
 Delta R.T. -0.005 min
 Lab File: V01170717A09.D
 Acq: 17 Jul 2017 13:27

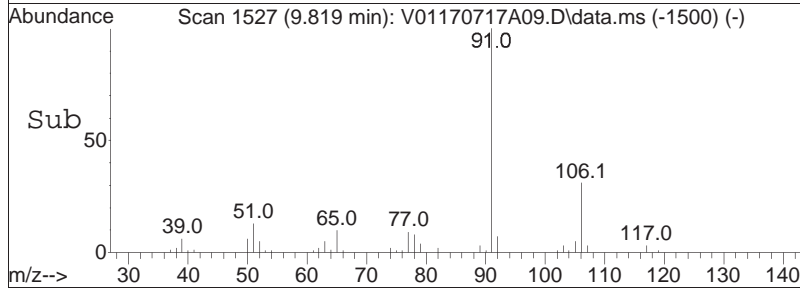
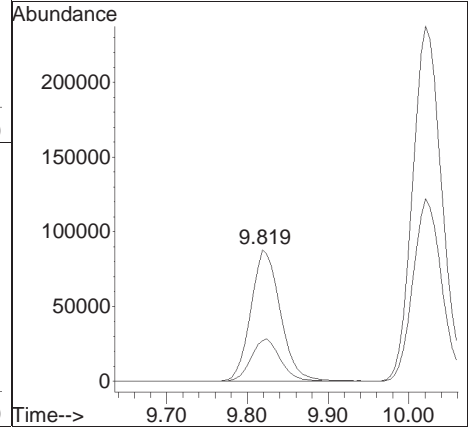
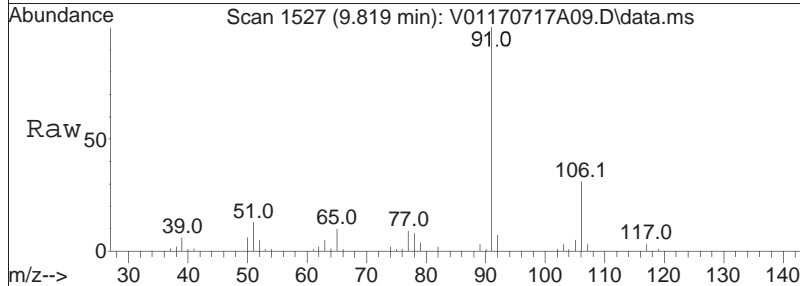
Tgt Ion: 92 Resp: 1092970
 Ion Ratio Lower Upper
 92 100
 91 168.7 138.6 207.8

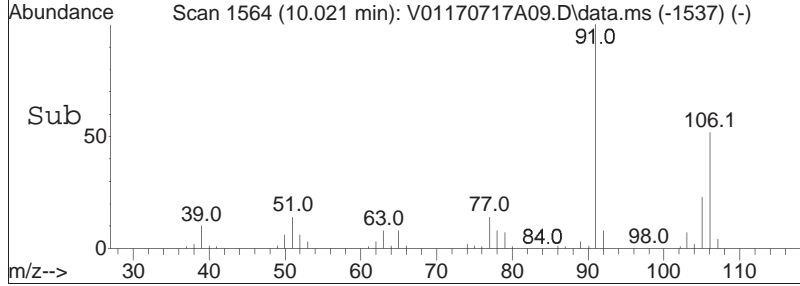
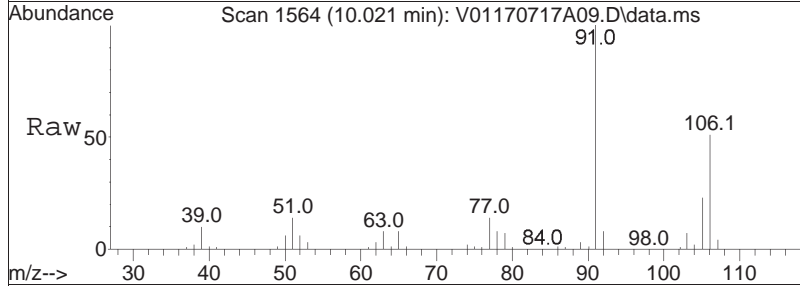
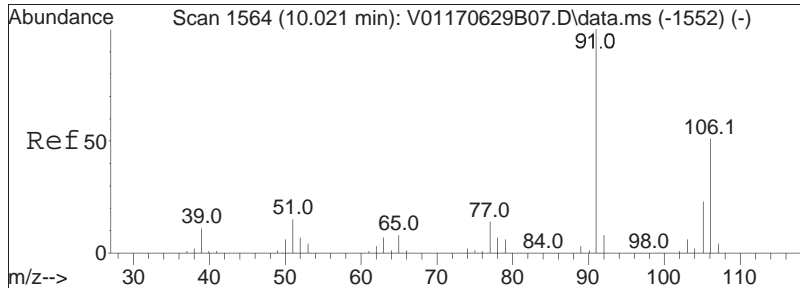




#74
 Ethylbenzene
 Concen: 7.62 ug/L
 RT: 9.819 min Scan# 1527
 Delta R.T. -0.000 min
 Lab File: V01170717A09.D
 Acq: 17 Jul 2017 13:27

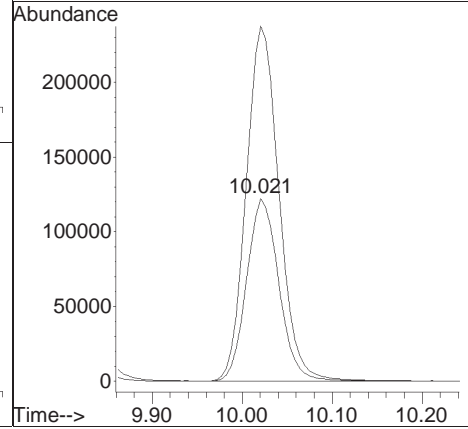
Tgt Ion:	91	Resp:	224817
Ion Ratio	100	Lower	Upper
106	32.0	23.5	35.3

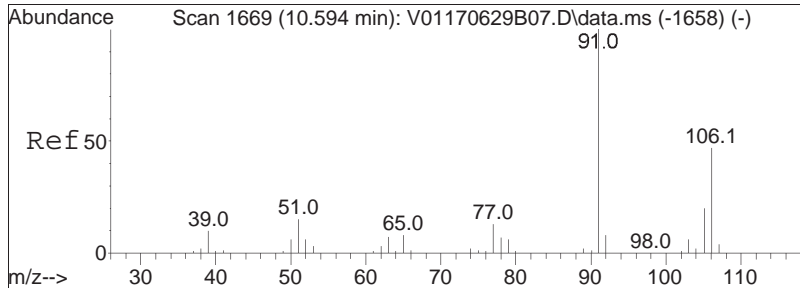




#76
 p/m Xylene
 Concen: 26.75 ug/L
 RT: 10.021 min Scan# 1564
 Delta R.T. -0.001 min
 Lab File: V01170717A09.D
 Acq: 17 Jul 2017 13:27

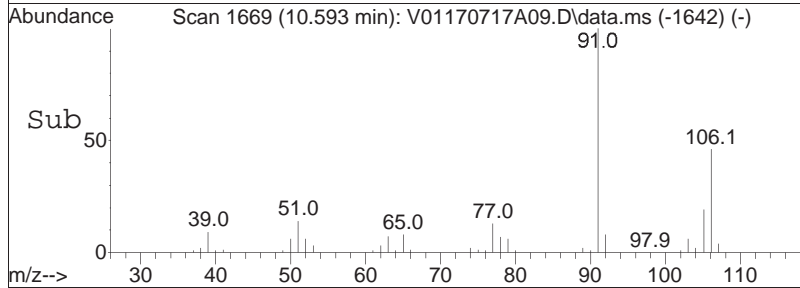
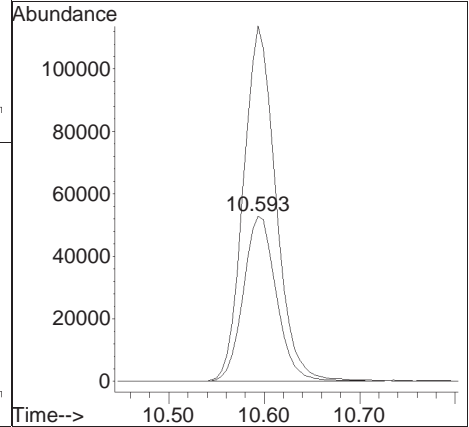
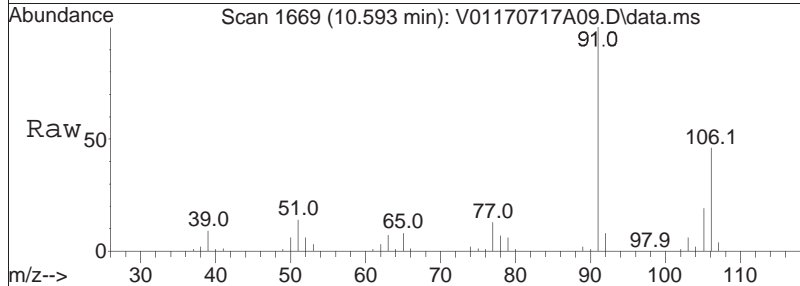
Tgt Ion	Resp	Lower	Upper
106	100		
91	196.0	174.8	262.2

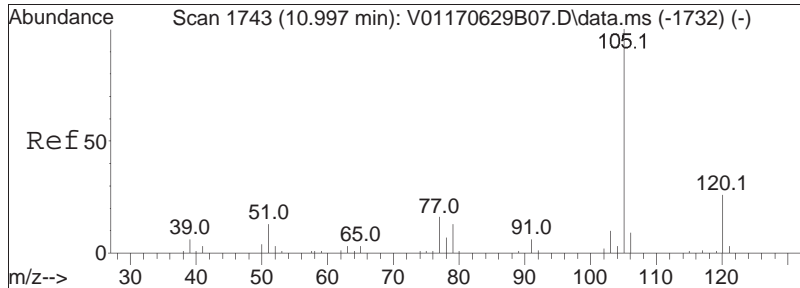




#77
 o Xylene
 Concen: 12.15 ug/L
 RT: 10.593 min Scan# 1669
 Delta R.T. -0.001 min
 Lab File: V01170717A09.D
 Acq: 17 Jul 2017 13:27

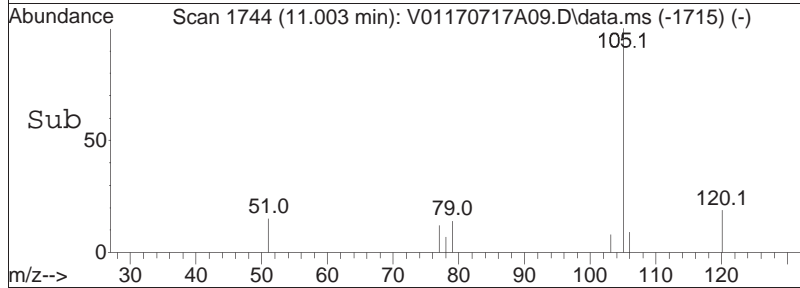
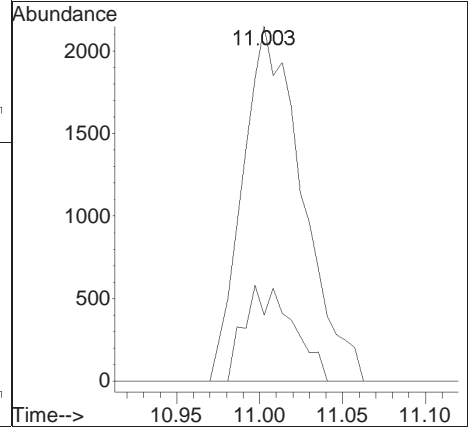
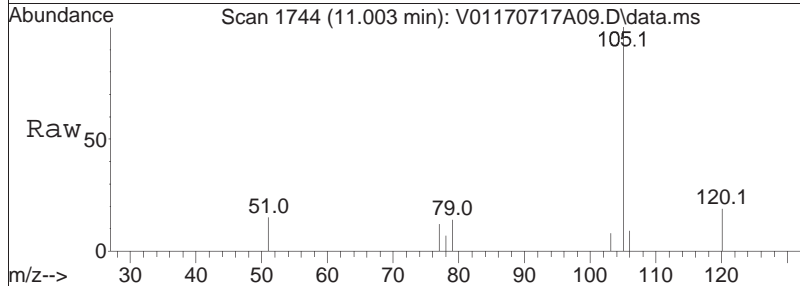
Tgt Ion	Resp	Lower	Upper
106	100		
91	211.6	184.5	276.7

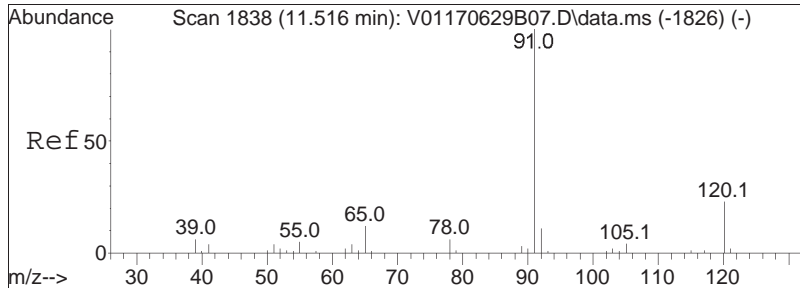




#82
 Isopropylbenzene
 Concen: 0.17 ug/L
 RT: 11.003 min Scan# 1744
 Delta R.T. 0.006 min
 Lab File: V01170717A09.D
 Acq: 17 Jul 2017 13:27

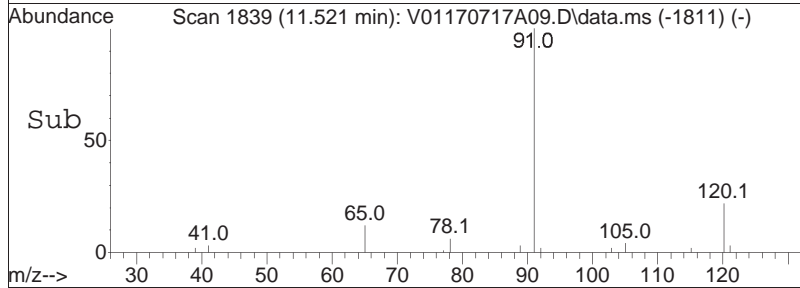
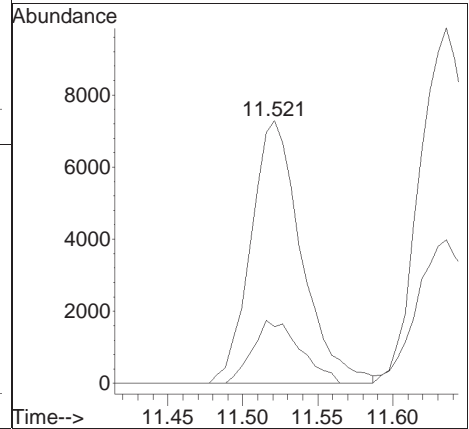
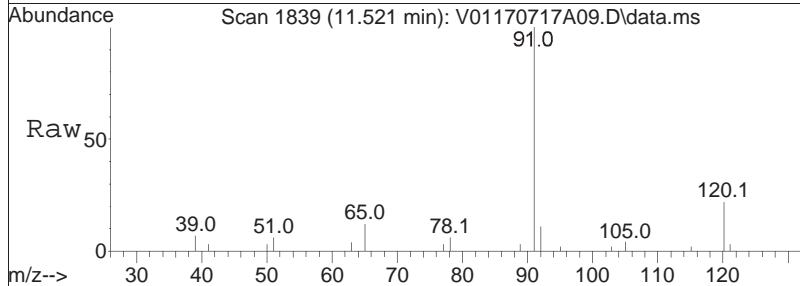
Tgt Ion	Resp	Lower	Upper
105	100		
120	21.9	6.1	46.1

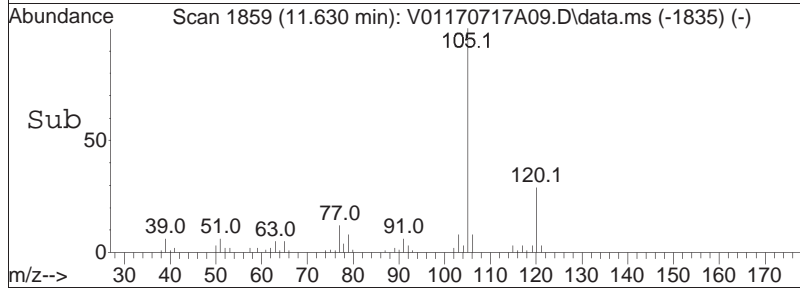
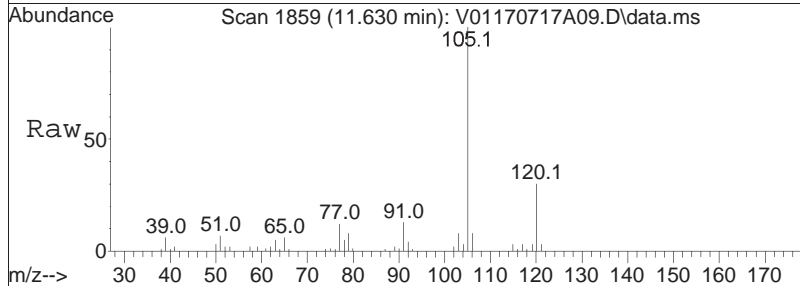
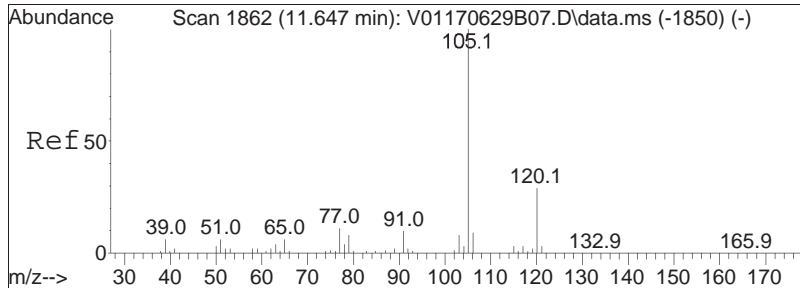




#85
 n-Propylbenzene
 Concen: 0.46 ug/L
 RT: 11.521 min Scan# 1839
 Delta R.T. 0.005 min
 Lab File: V01170717A09.D
 Acq: 17 Jul 2017 13:27

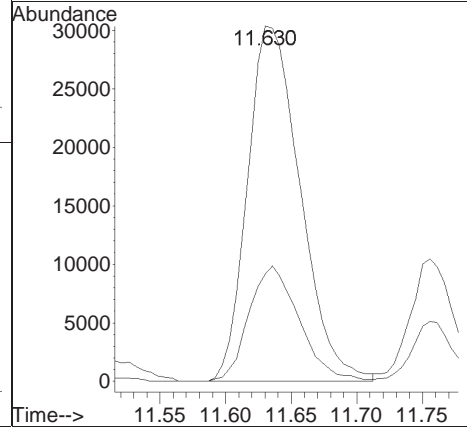
Tgt Ion:	91	Resp:	17117
Ion Ratio	100	Lower	Upper
120	22.6	16.6	25.0

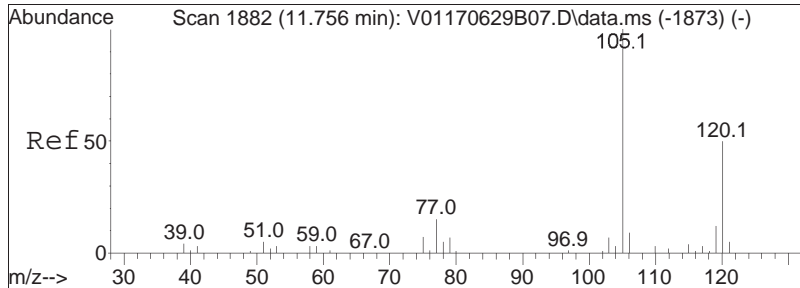




#88
 4-Ethyltoluene
 Concen: 2.91 ug/L
 RT: 11.630 min Scan# 1859
 Delta R.T. -0.017 min
 Lab File: V01170717A09.D
 Acq: 17 Jul 2017 13:27

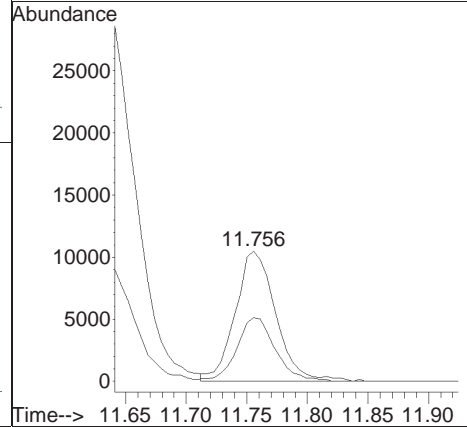
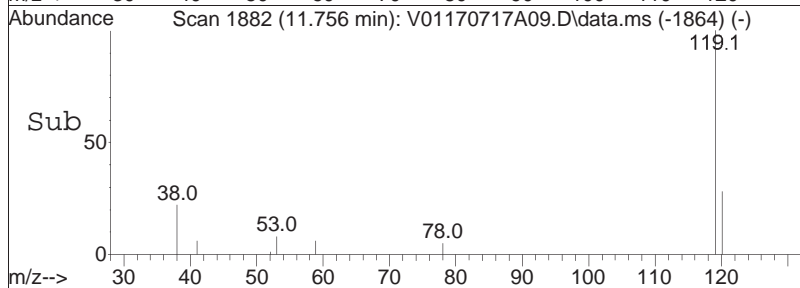
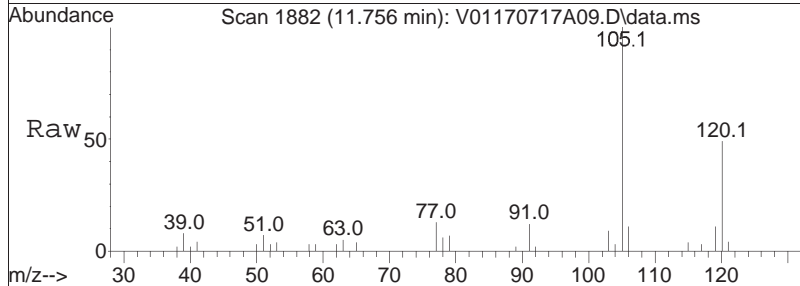
Tgt Ion	Ratio	Lower	Upper
105	100		
120	30.9	18.9	39.1

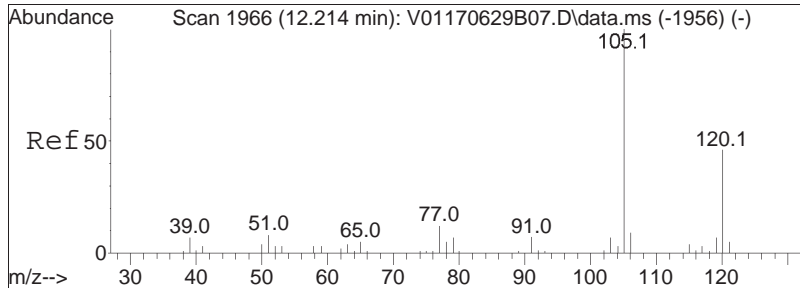




#90
 1,3,5-Trimethylbenzene
 Concen: 1.00 ug/L
 RT: 11.756 min Scan# 1882
 Delta R.T. -0.000 min
 Lab File: V01170717A09.D
 Acq: 17 Jul 2017 13:27

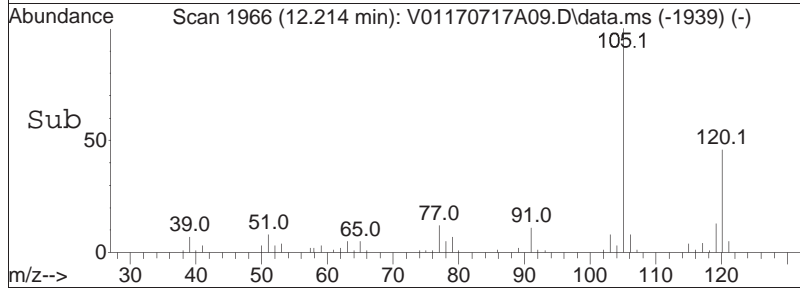
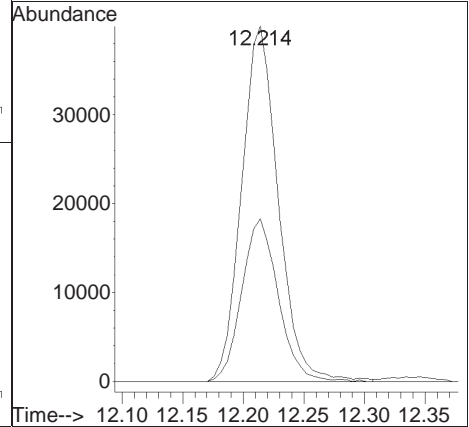
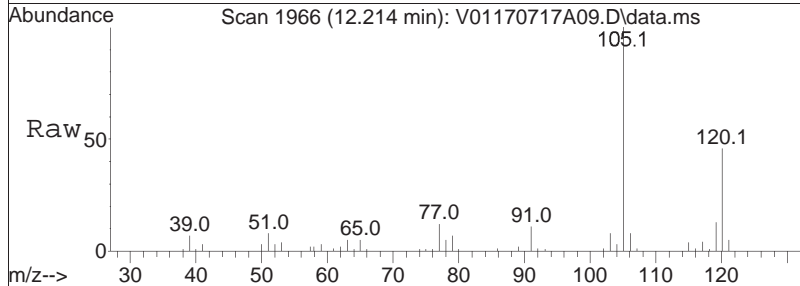
Tgt Ion	Resp	Lower	Upper
105	100		
120	46.3	37.8	56.8





#97
 1,2,4-Trimethylbenzene
 Concen: 3.46 ug/L
 RT: 12.214 min Scan# 1966
 Delta R.T. -0.000 min
 Lab File: V01170717A09.D
 Acq: 17 Jul 2017 13:27

Tgt Ion:	105	Resp:	83842
Ion Ratio	Lower	Upper	
105	100		
120	45.6	35.0	52.6



Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2017\1QMethod : V101_170629B_8260.m
Data File : V01170717A09.D Operator : VOA101:PD
Date Inj'd : 7/17/2017 13:27 Instrument : VOA 101
Sample : 11723686-18D,31,0.02,10,,aQuant Date : 7/17/2017 3:24 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2017\170717A\
 Data File : V01170717A10.D
 Acq On : 17 Jul 2017 13:55
 Operator : VOA101:PD
 Sample : 11723686-19D,31,0.02,10,,a
 Misc : WG1023276,ICAL13786
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 17 15:33:23 2017
 Quant Method : I:\VOLATILES\VOA101\2017\170717A\V101_170629B_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Fri Jun 30 16:37:53 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2017\170717A\V01170717A02.D
 Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	

Internal Standards							
1) Fluorobenzene	5.950	96	243840	10.000	ug/L	0.00	
Standard Area 1 = 290727			Recovery =	83.87%			
59) Chlorobenzene-d5	9.759	117	198096	10.000	ug/L	0.00	
Standard Area 1 = 229670			Recovery =	86.25%			
79) 1,4-Dichlorobenzene-d4	12.673	152	98848	10.000	ug/L	0.00	
Standard Area 1 = 121874			Recovery =	81.11%			
System Monitoring Compounds							
36) Dibromofluoromethane	5.099	113	62016	10.982	ug/L	0.00	
Spiked Amount 10.000	Range 70 - 130		Recovery =	109.82%			
43) 1,2-Dichloroethane-d4	5.656	65	75311	11.507	ug/L	0.00	
Spiked Amount 10.000	Range 70 - 130		Recovery =	115.07%			
60) Toluene-d8	7.762	98	251078	9.475	ug/L	0.00	
Spiked Amount 10.000	Range 70 - 130		Recovery =	94.75%			
83) 4-Bromofluorobenzene	11.352	95	97306	9.767	ug/L	0.00	
Spiked Amount 10.000	Range 70 - 130		Recovery =	97.67%			
Target Compounds							
2) Dichlorodifluoromethane	0.000		0		N.D.		Qvalue
3) Chloromethane	1.711	50	50		N.D.		
4) Vinyl chloride	0.000		0		N.D.		
5) Bromomethane	0.000		0		N.D.		
6) Chloroethane	2.114	64	51		N.D.		
7) Trichlorofluoromethane	0.000		0		N.D.		
8) Ethyl ether	0.000		0		N.D.		
10) 1,1-Dichloroethene	0.000		0		N.D.		
11) Carbon disulfide	2.840	76	2684	0.223	ug/L #	79	
15) Methylene chloride	3.358	84	684	0.148	ug/L #	38	
17) Acetone	0.000		0		N.D. d		
18) trans-1,2-Dichloroethene	0.000		0		N.D.		
20) Methyl tert-butyl ether	3.604	73	3265	0.342	ug/L #	1	
23) 1,1-Dichloroethane	0.000		0		N.D.		
25) Acrylonitrile	0.000		0		N.D. d		
27) Vinyl acetate	0.000		0		N.D.		
28) cis-1,2-Dichloroethene	0.000		0		N.D.		
29) 2,2-Dichloropropane	0.000		0		N.D.		
30) Bromochloromethane	0.000		0		N.D.		
32) Chloroform	0.000		0		N.D.		

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2017\170717A\
 Data File : V01170717A10.D
 Acq On : 17 Jul 2017 13:55
 Operator : VOA101:PD
 Sample : 11723686-19D,31,0.02,10,,a
 Misc : WG1023276,ICAL13786
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 17 15:33:23 2017
 Quant Method : I:\VOLATILES\VOA101\2017\170717A\V101_170629B_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Fri Jun 30 16:37:53 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2017\170717A\V01170717A02.D
 Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Carbon tetrachloride	0.000		0		N.D.	
37) 1,1,1-Trichloroethane	0.000		0		N.D.	
39) 2-Butanone	5.301	43	56		N.D.	
40) 1,1-Dichloropropene	0.000		0		N.D.	
41) Benzene	5.508	78	493345	23.265	ug/L #	90
44) 1,2-Dichloroethane	0.000		0		N.D.	
48) Trichloroethene	0.000		0		N.D.	
50) Dibromomethane	0.000		0		N.D.	
51) 1,2-Dichloropropane	0.000		0		N.D.	
54) Bromodichloromethane	0.000		0		N.D.	
57) 1,4-Dioxane	0.000		0		N.D.	
58) cis-1,3-Dichloropropene	0.000		0		N.D.	
61) Toluene	7.822	92	982075	66.846	ug/L	97
62) 4-Methyl-2-pentanone	0.000		0		N.D.	
63) Tetrachloroethene	0.000		0		N.D.	
65) trans-1,3-Dichloropropene	0.000		0		N.D.	
68) 1,1,2-Trichloroethane	0.000		0		N.D.	
69) Chlorodibromomethane	0.000		0		N.D.	
70) 1,3-Dichloropropane	0.000		0		N.D.	
71) 1,2-Dibromoethane	0.000		0		N.D.	
72) 2-Hexanone	0.000		0		N.D.	
73) Chlorobenzene	0.000		0		N.D.	
74) Ethylbenzene	9.819	91	211920	7.310	ug/L	96
75) 1,1,1,2-Tetrachloroethane	0.000		0		N.D.	
76) p/m Xylene	10.021	106	271521	24.185	ug/L	86
77) o Xylene	10.594	106	111919	10.878	ug/L	88
78) Styrene	0.000		0		N.D. d	
80) Bromoform	0.000		0		N.D.	
82) Isopropylbenzene	11.014	105	4645	0.153	ug/L	90
84) Bromobenzene	0.000		0		N.D.	
85) n-Propylbenzene	11.521	91	13378	0.374	ug/L	98
87) 1,1,2,2-Tetrachloroethane	0.000		0		N.D.	
88) 4-Ethyltoluene	11.636	105	67327	2.382	ug/L	99
89) 2-Chlorotoluene	0.000		0		N.D. d	
90) 1,3,5-Trimethylbenzene	11.756	105	18121	0.765	ug/L	94
91) 1,2,3-Trichloropropane	0.000		0		N.D.	
92) trans-1,4-Dichloro-2-b...	0.000		0		N.D. d	
93) 4-Chlorotoluene	0.000		0		N.D. d	
94) tert-Butylbenzene	0.000		0		N.D. d	

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2017\170717A\
 Data File : V01170717A10.D
 Acq On : 17 Jul 2017 13:55
 Operator : VOA101:PD
 Sample : 11723686-19D,31,0.02,10,,a
 Misc : WG1023276,ICAL13786
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 17 15:33:23 2017
 Quant Method : I:\VOLATILES\VOA101\2017\170717A\V101_170629B_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Fri Jun 30 16:37:53 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2017\170717A\V01170717A02.D
 Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97) 1,2,4-Trimethylbenzene	12.214	105	67205	2.863	ug/L	98
98) sec-Butylbenzene	0.000		0	N.D.	d	
99) p-Isopropyltoluene	12.471	119	892	N.D.		
100) 1,3-Dichlorobenzene	12.683	146	51	N.D.		
101) 1,4-Dichlorobenzene	12.683	146	51	N.D.		
102) p-Diethylbenzene	0.000		0	N.D.	d	
103) n-Butylbenzene	12.989	91	706	N.D.		
104) 1,2-Dichlorobenzene	0.000		0	N.D.		
105) 1,2,4,5-Tetramethylben...	0.000		0	N.D.	d	
106) 1,2-Dibromo-3-chloropr...	0.000		0	N.D.		
108) Hexachlorobutadiene	0.000		0	N.D.		
109) 1,2,4-Trichlorobenzene	0.000		0	N.D.		
110) Naphthalene	0.000		0	N.D.	d	
111) 1,2,3-Trichlorobenzene	0.000		0	N.D.		

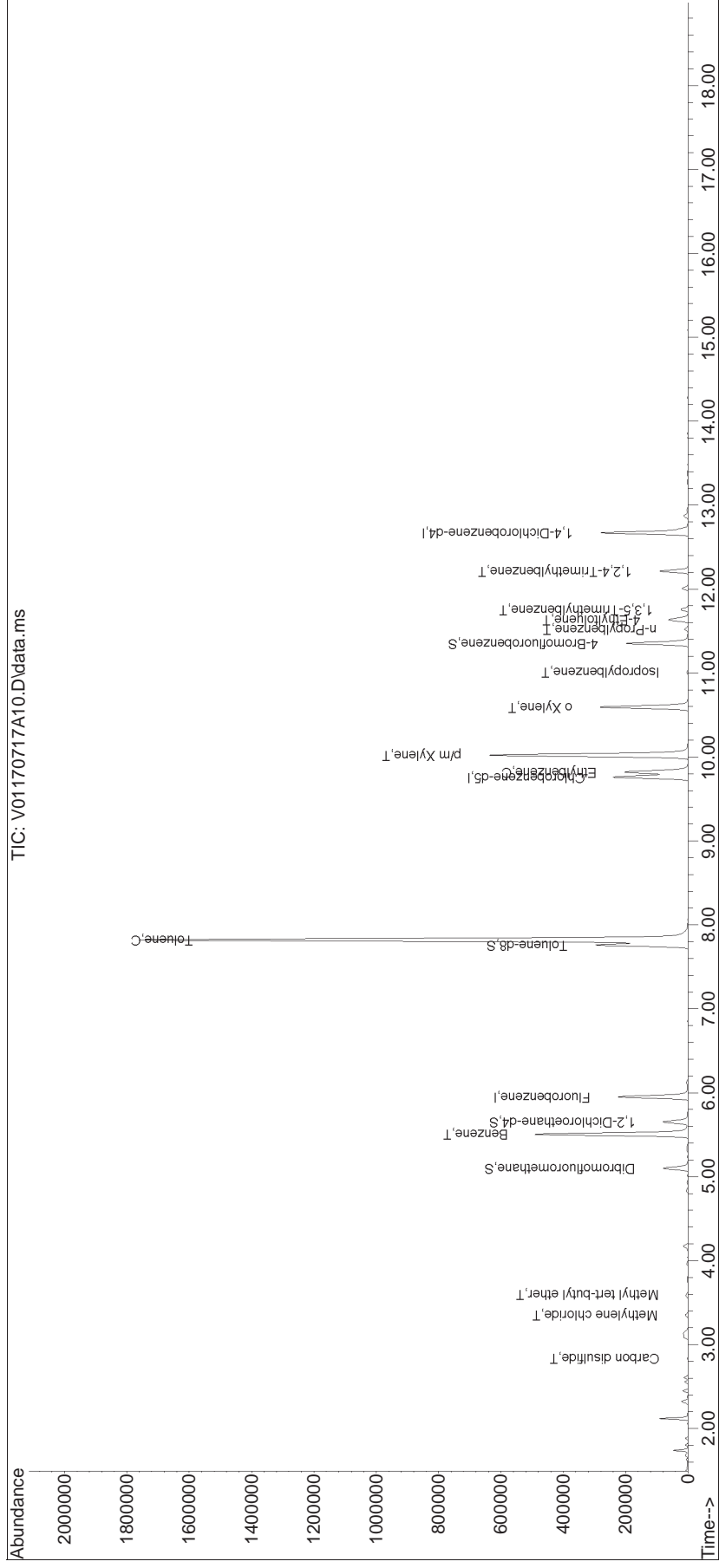
(#) = qualifier out of range (m) = manual integration (+) = signals summed

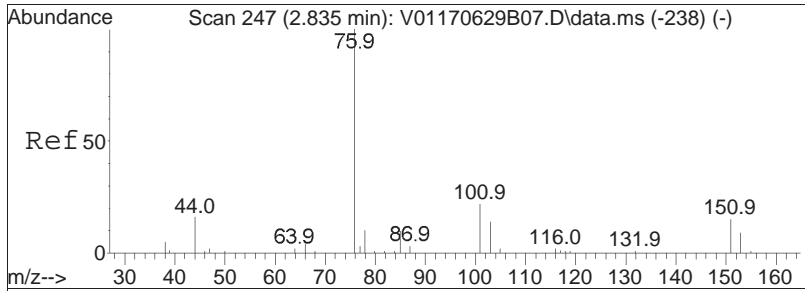
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2017\170717A\
Data File : V01170717A10.D
Acq On : 17 Jul 2017 13:55
Operator : VOA101:PD
Sample : 11723686-19D,31,0.02,10,,a
Misc : WG1023276,ICAL13786
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 17 15:33:23 2017
Quant Method : I:\VOLATILES\VOA101\2017\170717A\2017\170717A\170629B_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jun 30 16:37:53 2017
Response via : Initial Calibration

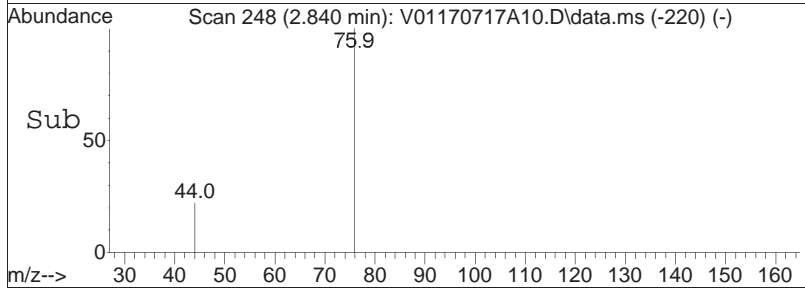
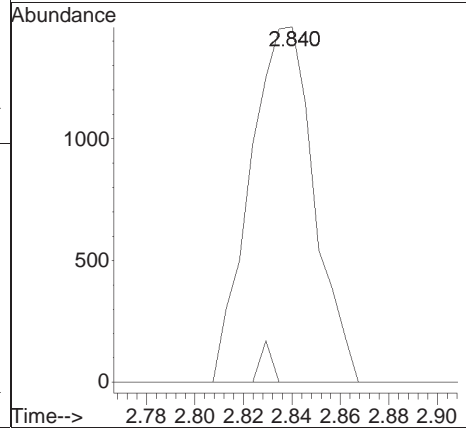
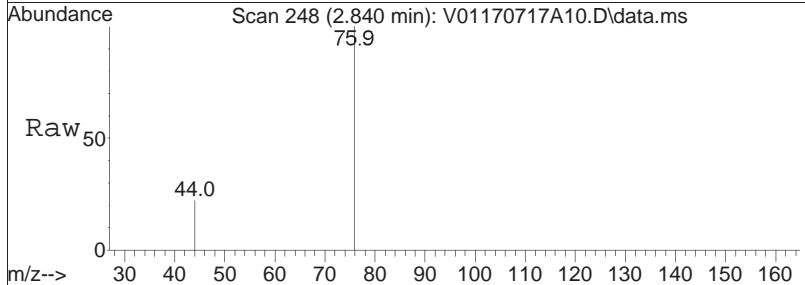
Sub List : 8260-NYTCL - Megamix plus Diox70717A\V01170717A02.D•

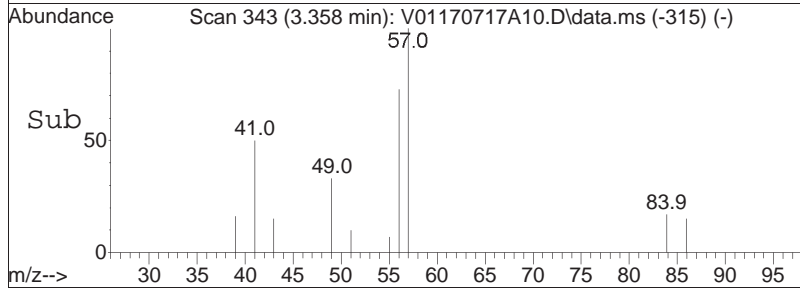
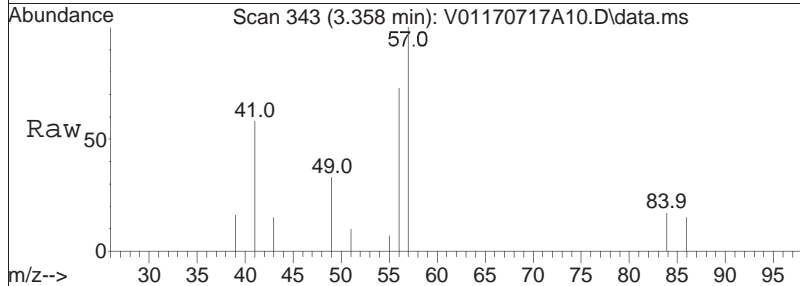
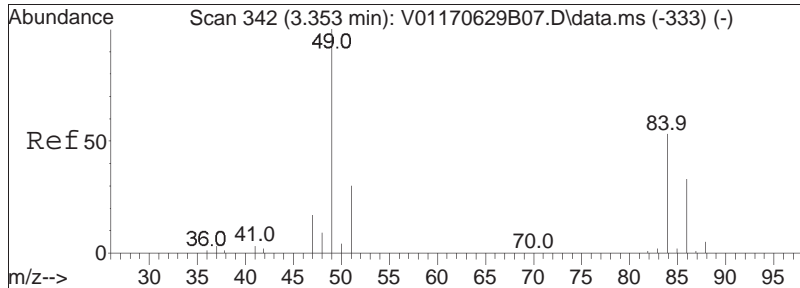




#11
 Carbon disulfide
 Concen: 0.22 ug/L
 RT: 2.840 min Scan# 248
 Delta R.T. 0.005 min
 Lab File: V01170717A10.D
 Acq: 17 Jul 2017 13:55

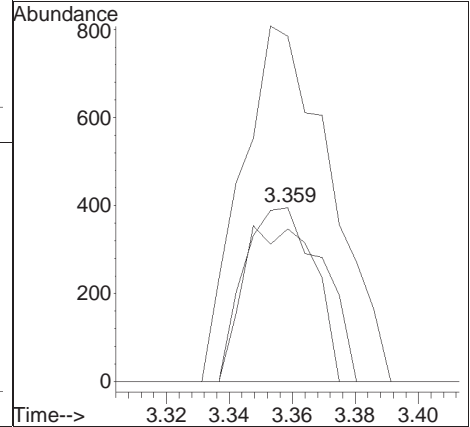
Tgt Ion: 76 Resp: 2684
 Ion Ratio Lower Upper
 76 100
 78 2.1 6.3 13.1#

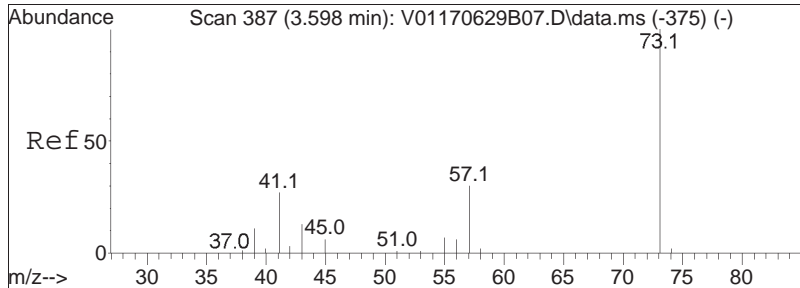




#15
 Methylene chloride
 Concen: 0.15 ug/L
 RT: 3.358 min Scan# 343
 Delta R.T. 0.005 min
 Lab File: V01170717A10.D
 Acq: 17 Jul 2017 13:55

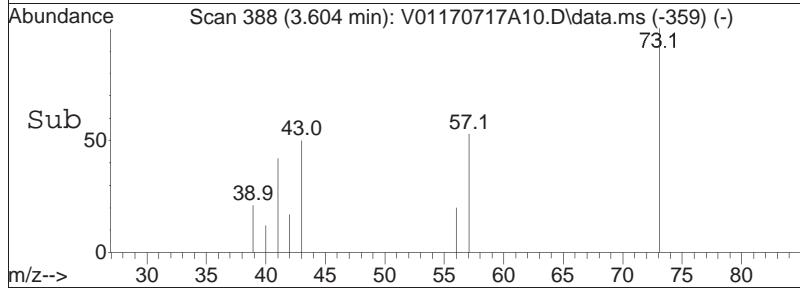
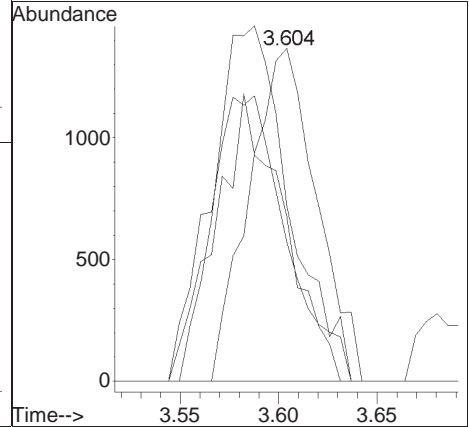
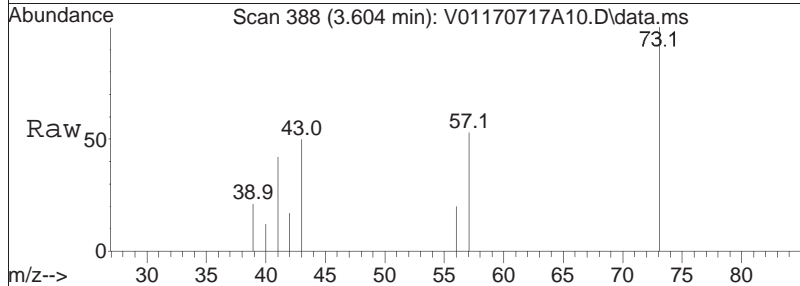
Tgt Ion:	84	Resp:	684
Ion Ratio	Lower	Upper	
84	100		
86	82.3	41.0	85.2
49	231.7	88.5	183.9#

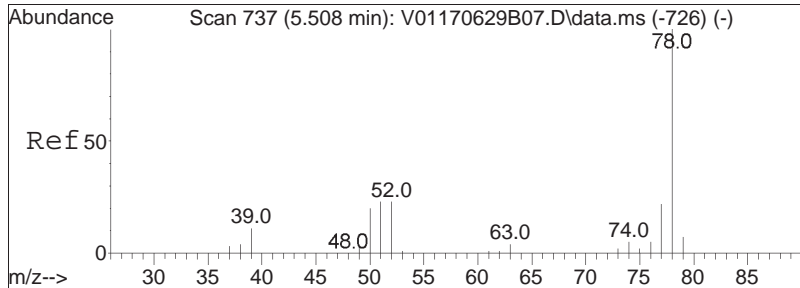




#20
 Methyl tert-butyl ether
 Concen: 0.34 ug/L
 RT: 3.604 min Scan# 388
 Delta R.T. 0.006 min
 Lab File: V01170717A10.D
 Acq: 17 Jul 2017 13:55

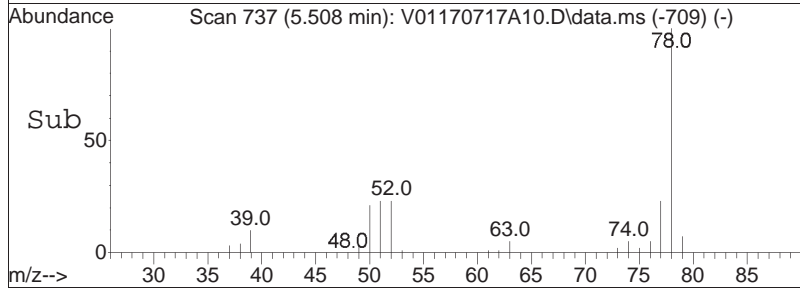
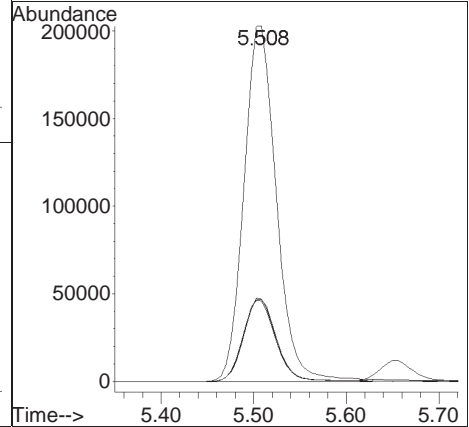
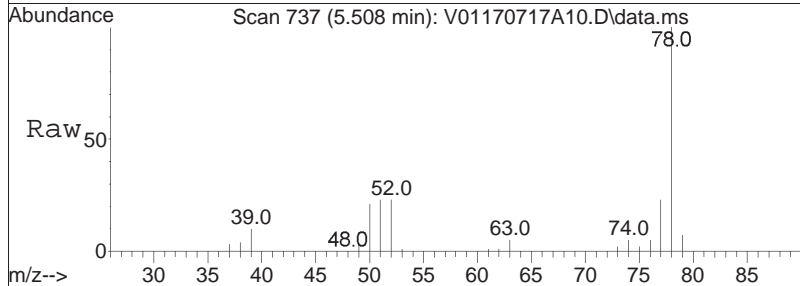
Tgt Ion	Resp	Lower	Upper
73	100		
57	116.2	13.8	28.8#
43	87.9	14.8	30.8#
41	101.6	13.8	28.6#

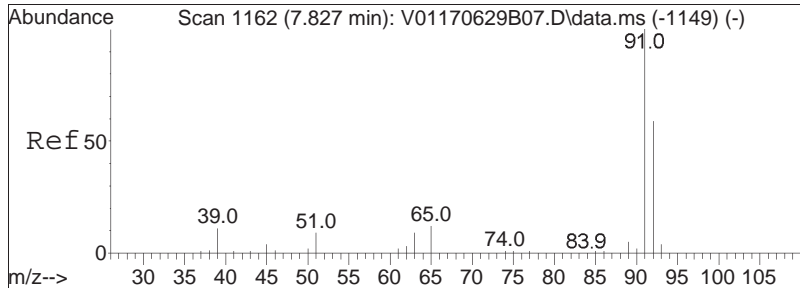




#41
Benzene
Concen: 23.26 ug/L
RT: 5.508 min Scan# 737
Delta R.T. 0.000 min
Lab File: V01170717A10.D
Acq: 17 Jul 2017 13:55

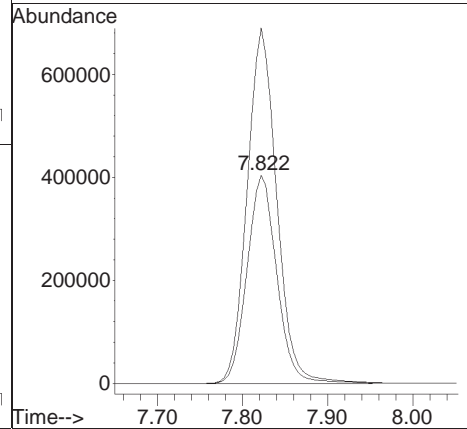
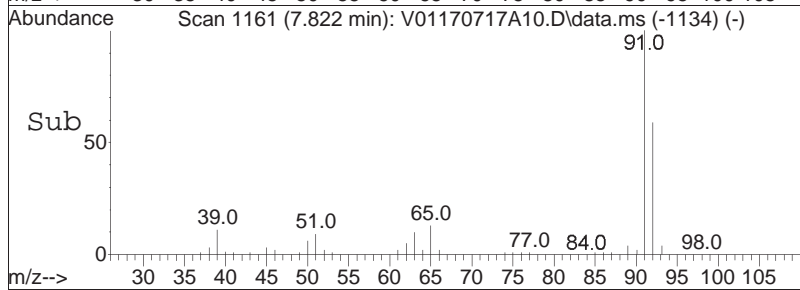
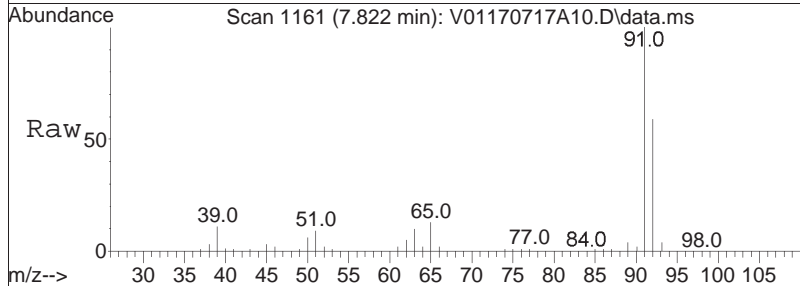
Tgt Ion	Resp	Lower	Upper
78	493345		
77	23.5	15.3	31.9
51	23.4	10.9	22.5#
52	23.0	10.1	20.9#

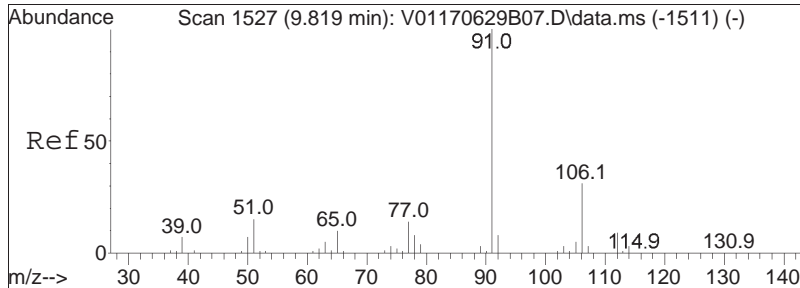




#61
 Toluene
 Concen: 66.85 ug/L
 RT: 7.822 min Scan# 1161
 Delta R.T. -0.005 min
 Lab File: V01170717A10.D
 Acq: 17 Jul 2017 13:55

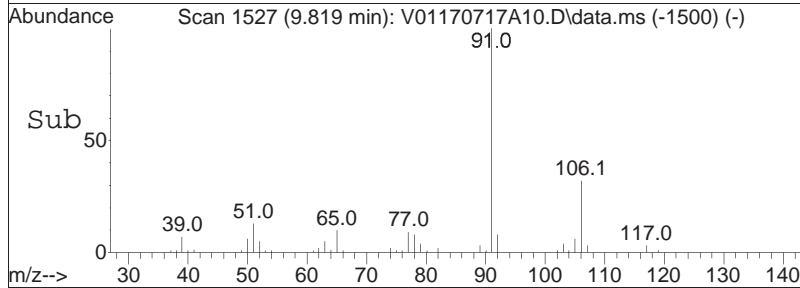
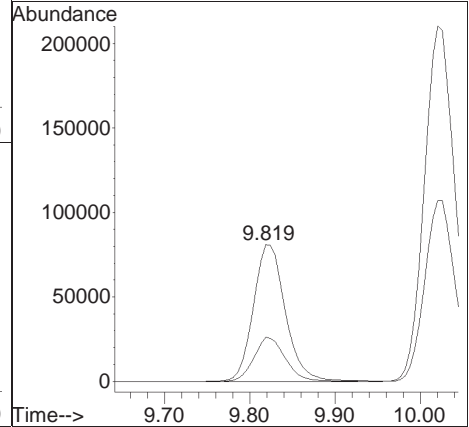
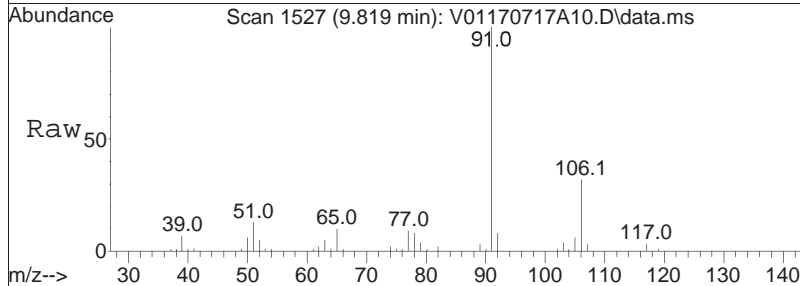
Tgt Ion: 92 Resp: 982075
 Ion Ratio Lower Upper
 92 100
 91 169.5 138.6 207.8

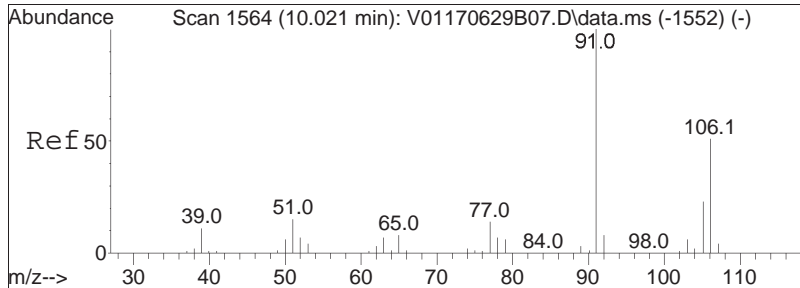




#74
 Ethylbenzene
 Concen: 7.31 ug/L
 RT: 9.819 min Scan# 1527
 Delta R.T. -0.000 min
 Lab File: V01170717A10.D
 Acq: 17 Jul 2017 13:55

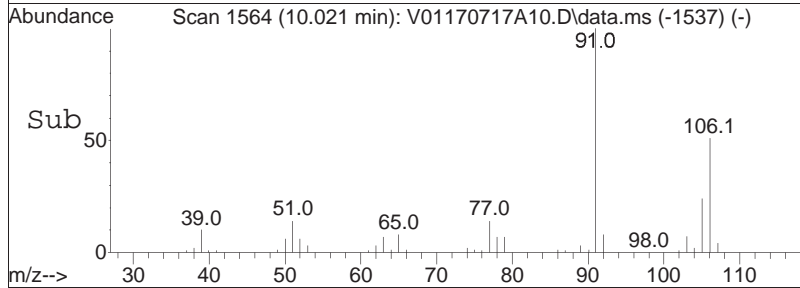
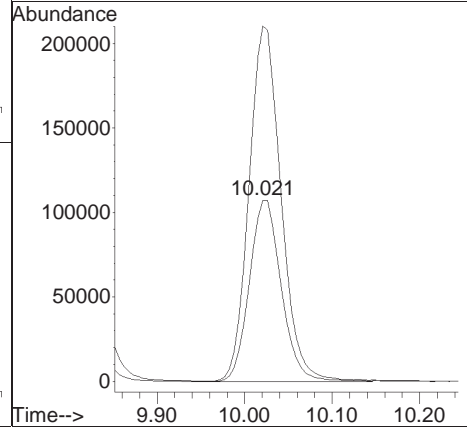
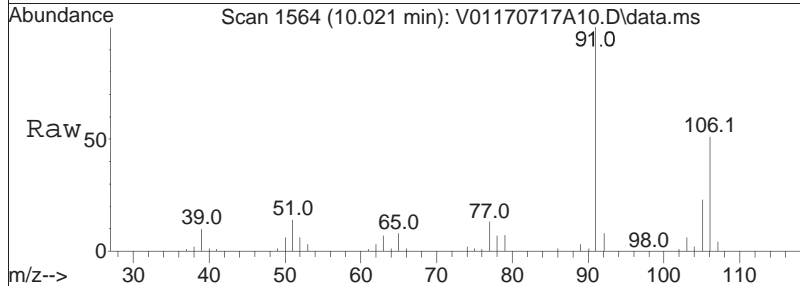
Tgt Ion:	91	Resp:	211920
Ion Ratio	Lower	Upper	
91	100		
106	31.5	23.5	35.3

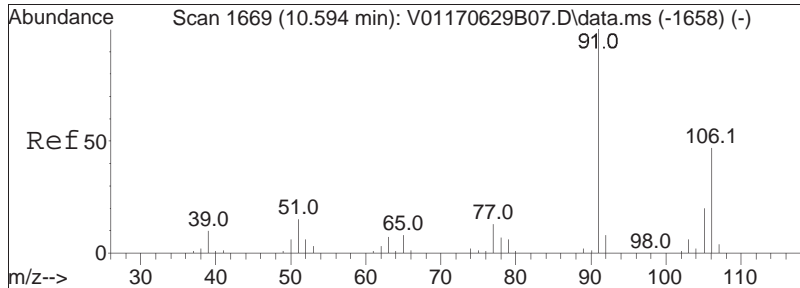




#76
 p/m Xylene
 Concen: 24.19 ug/L
 RT: 10.021 min Scan# 1564
 Delta R.T. -0.000 min
 Lab File: V01170717A10.D
 Acq: 17 Jul 2017 13:55

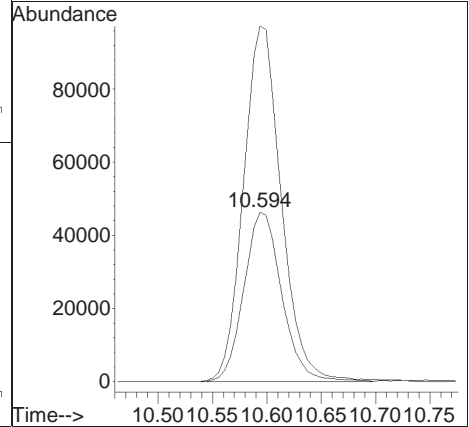
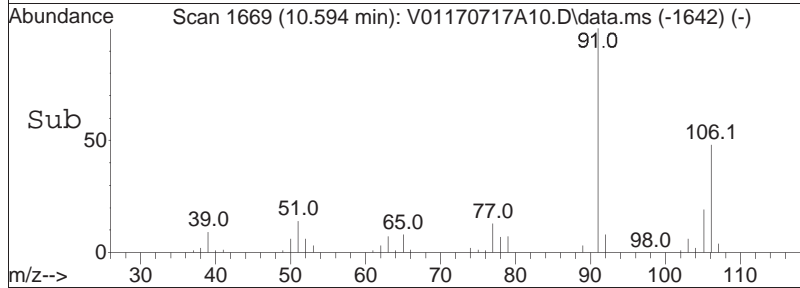
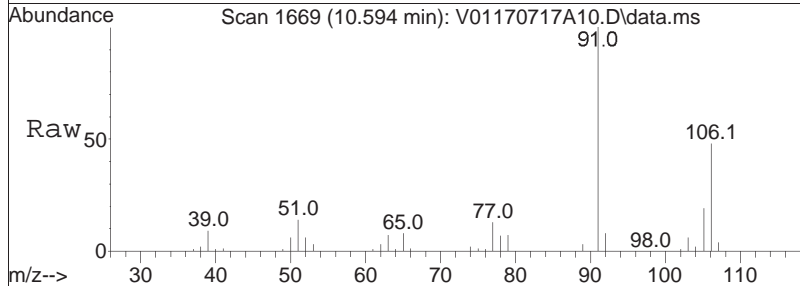
Tgt Ion	Resp	Lower	Upper
106	100		
91	196.1	174.8	262.2

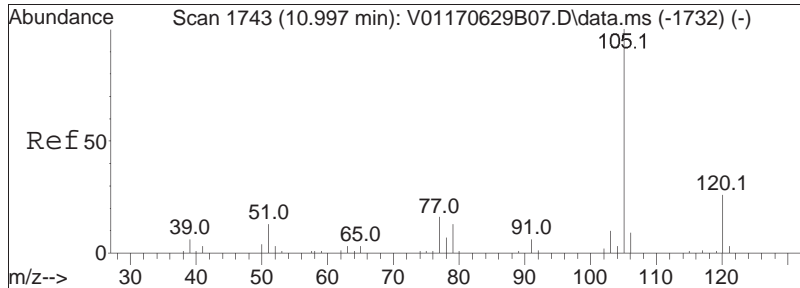




#77
 o Xylene
 Concen: 10.88 ug/L
 RT: 10.594 min Scan# 1669
 Delta R.T. -0.000 min
 Lab File: V01170717A10.D
 Acq: 17 Jul 2017 13:55

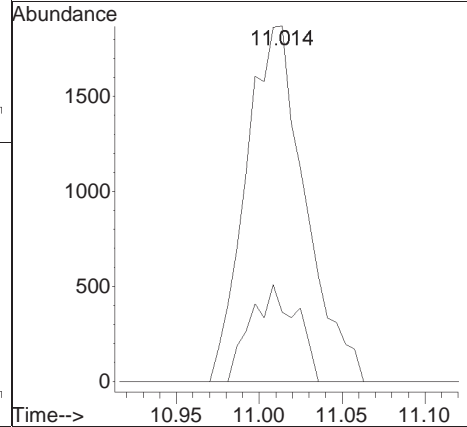
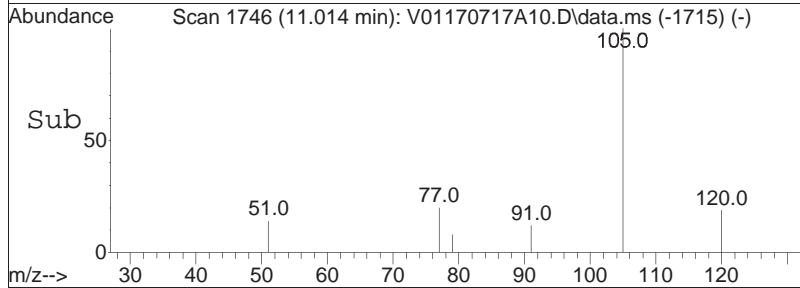
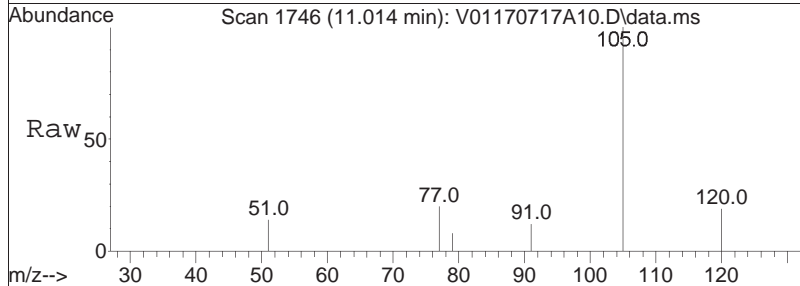
Tgt Ion	Resp	Lower	Upper
106	111919		
91	210.4	184.5	276.7

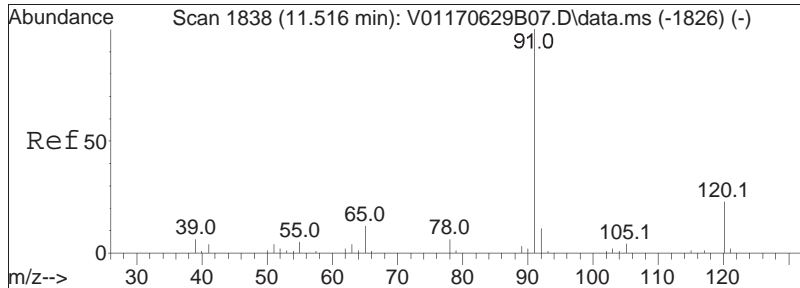




#82
 Isopropylbenzene
 Concen: 0.15 ug/L
 RT: 11.014 min Scan# 1746
 Delta R.T. 0.017 min
 Lab File: V01170717A10.D
 Acq: 17 Jul 2017 13:55

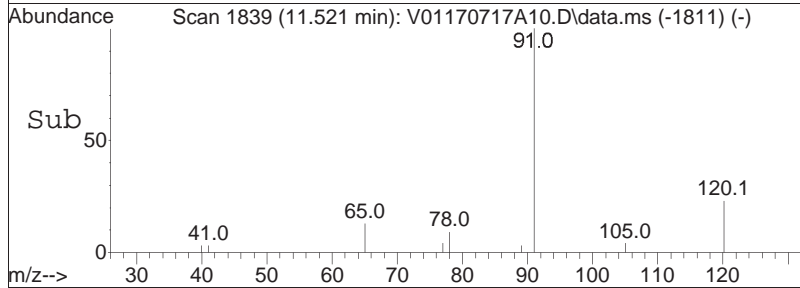
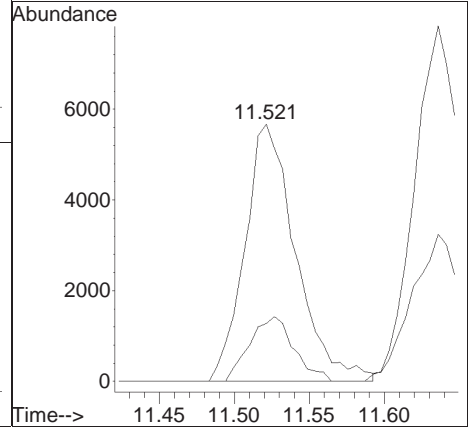
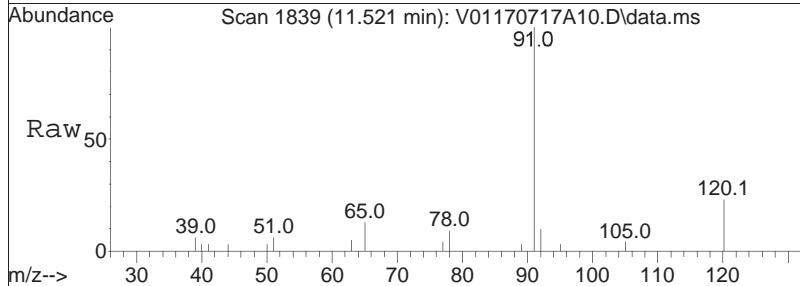
Tgt Ion:	105	Resp:	4645
Ion Ratio	Lower	Upper	
105	100		
120	21.1	6.1	46.1

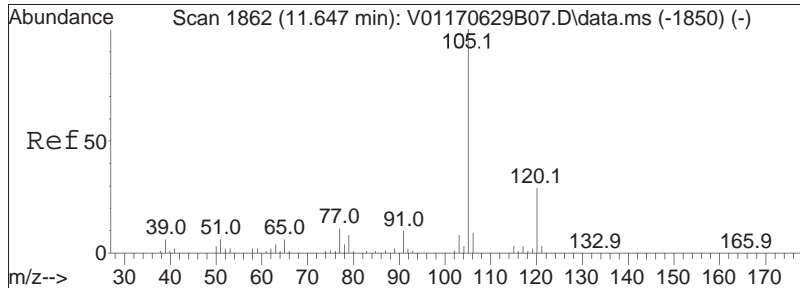




#85
 n-Propylbenzene
 Concen: 0.37 ug/L
 RT: 11.521 min Scan# 1839
 Delta R.T. 0.005 min
 Lab File: V01170717A10.D
 Acq: 17 Jul 2017 13:55

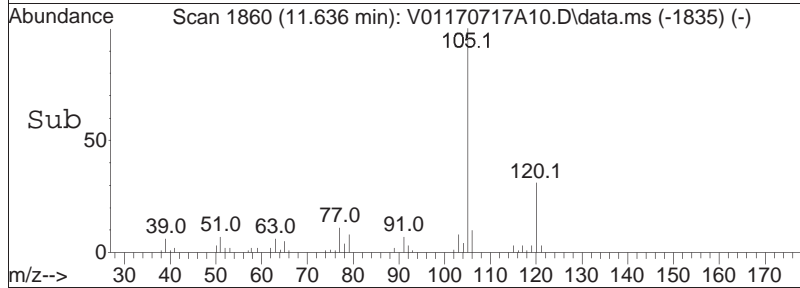
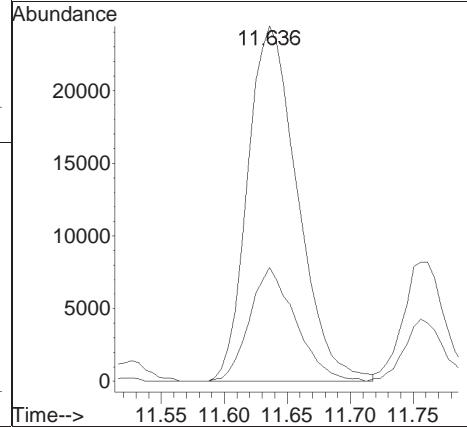
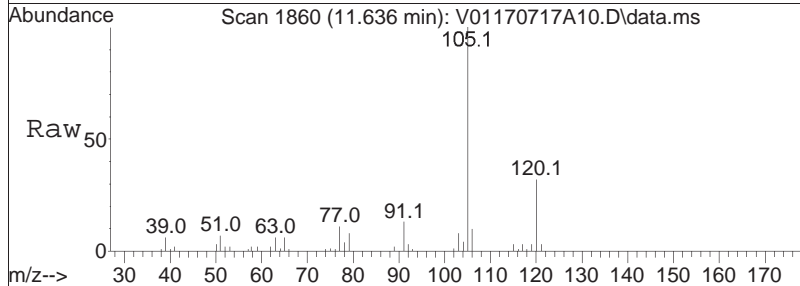
Tgt Ion: 91 Resp: 13378
 Ion Ratio Lower Upper
 91 100
 120 21.9 16.6 25.0

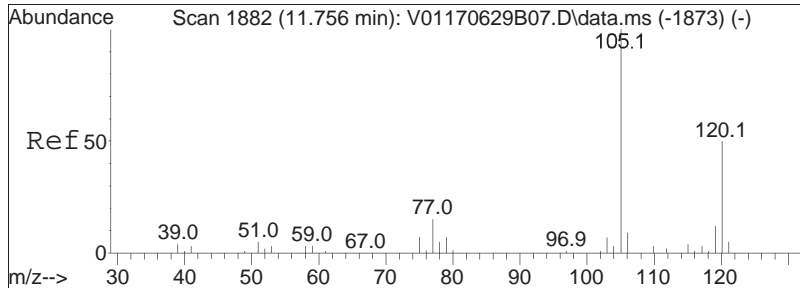




#88
 4-Ethyltoluene
 Concen: 2.38 ug/L
 RT: 11.636 min Scan# 1860
 Delta R.T. -0.011 min
 Lab File: V01170717A10.D
 Acq: 17 Jul 2017 13:55

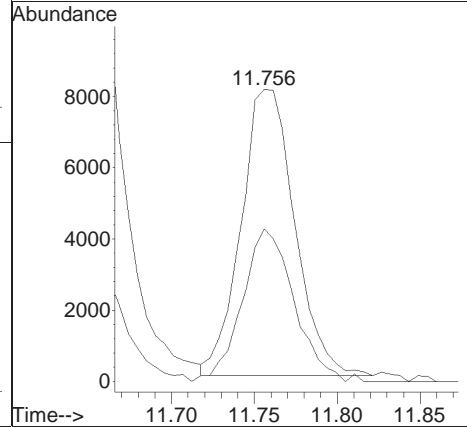
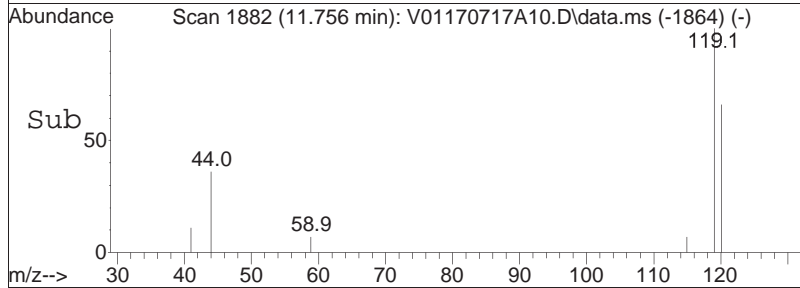
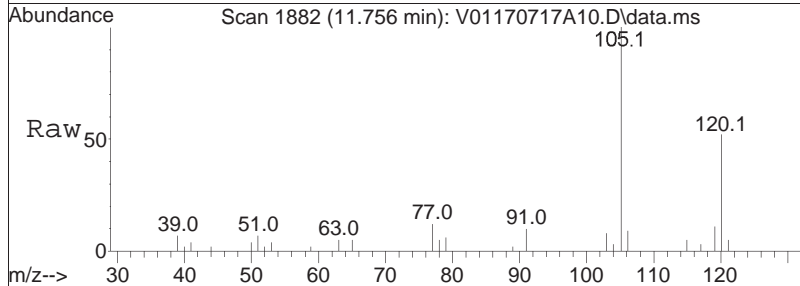
Tgt Ion	Ratio	Lower	Upper
105	100		
120	29.7	18.9	39.1

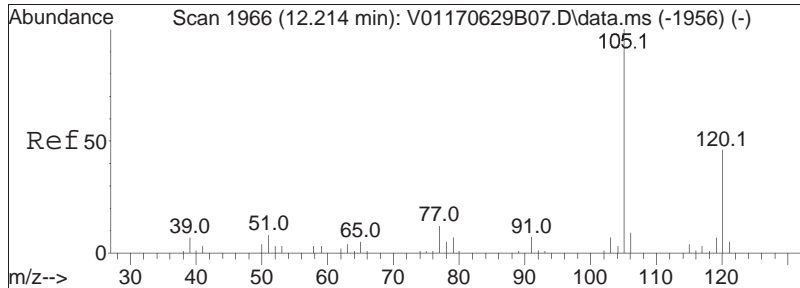




#90
 1,3,5-Trimethylbenzene
 Concen: 0.76 ug/L
 RT: 11.756 min Scan# 1882
 Delta R.T. -0.000 min
 Lab File: V01170717A10.D
 Acq: 17 Jul 2017 13:55

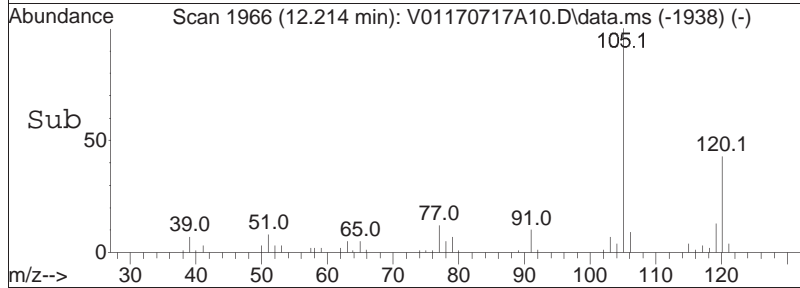
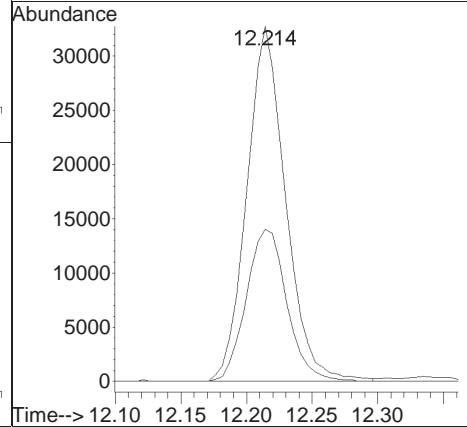
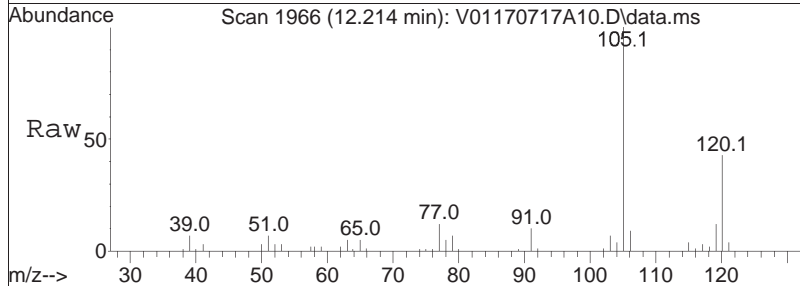
Tgt Ion	Resp	Lower	Upper
105	100		
120	51.4	37.8	56.8





#97
 1,2,4-Trimethylbenzene
 Concen: 2.86 ug/L
 RT: 12.214 min Scan# 1966
 Delta R.T. 0.000 min
 Lab File: V01170717A10.D
 Acq: 17 Jul 2017 13:55

Tgt Ion	Resp	Lower	Upper
105	100		
120	44.9	35.0	52.6



Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2017\1QMethod : V101_170629B_8260.m
Data File : V01170717A10.D Operator : VOA101:PD
Date Inj'd : 7/17/2017 13:55 Instrument : VOA 101
Sample : 11723686-19D,31,0.02,10,,aQuant Date : 7/17/2017 3:24 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2017\170717A\
 Data File : V01170717A11.D
 Acq On : 17 Jul 2017 14:24
 Operator : VOA101:PD
 Sample : 11723686-20D,31,0.02,10,,a
 Misc : WG1023276,ICAL13786
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 17 15:35:21 2017
 Quant Method : I:\VOLATILES\VOA101\2017\170717A\V101_170629B_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Fri Jun 30 16:37:53 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2017\170717A\V01170717A02.D
 Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	

Internal Standards							
1) Fluorobenzene	5.950	96	251977	10.000	ug/L	0.00	
Standard Area 1 = 290727			Recovery =	86.67%			
59) Chlorobenzene-d5	9.764	117	207195	10.000	ug/L	0.00	
Standard Area 1 = 229670			Recovery =	90.21%			
79) 1,4-Dichlorobenzene-d4	12.672	152	105732	10.000	ug/L	0.00	
Standard Area 1 = 121874			Recovery =	86.76%			
System Monitoring Compounds							
36) Dibromofluoromethane	5.099	113	62627	10.732	ug/L	0.00	
Spiked Amount 10.000	Range 70 - 130		Recovery =	107.32%			
43) 1,2-Dichloroethane-d4	5.655	65	77845	11.510	ug/L	0.00	
Spiked Amount 10.000	Range 70 - 130		Recovery =	115.10%			
60) Toluene-d8	7.761	98	260898	9.413	ug/L	0.00	
Spiked Amount 10.000	Range 70 - 130		Recovery =	94.13%			
83) 4-Bromofluorobenzene	11.352	95	102809	9.647	ug/L	0.00	
Spiked Amount 10.000	Range 70 - 130		Recovery =	96.47%			
Target Compounds							
2) Dichlorodifluoromethane	0.000		0		N.D.		Qvalue
3) Chloromethane	1.738	50	397		N.D.		
4) Vinyl chloride	0.000		0		N.D.		
5) Bromomethane	0.000		0		N.D.		
6) Chloroethane	2.103	64	62		N.D.		
7) Trichlorofluoromethane	0.000		0		N.D.		
8) Ethyl ether	0.000		0		N.D.		
10) 1,1-Dichloroethene	0.000		0		N.D.		
11) Carbon disulfide	0.000		0		N.D.		
15) Methylene chloride	3.353	84	773	0.161	ug/L #	56	
17) Acetone	0.000		0		N.D.		
18) trans-1,2-Dichloroethene	0.000		0		N.D.		
20) Methyl tert-butyl ether	0.000		0		N.D.		
23) 1,1-Dichloroethane	0.000		0		N.D.		
25) Acrylonitrile	0.000		0		N.D.		
27) Vinyl acetate	0.000		0		N.D.		
28) cis-1,2-Dichloroethene	0.000		0		N.D.		
29) 2,2-Dichloropropane	4.690	77	261		N.D.		
30) Bromochloromethane	0.000		0		N.D.		
32) Chloroform	0.000		0		N.D.		

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2017\170717A\
 Data File : V01170717A11.D
 Acq On : 17 Jul 2017 14:24
 Operator : VOA101:PD
 Sample : 11723686-20D,31,0.02,10,,a
 Misc : WG1023276,ICAL13786
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 17 15:35:21 2017
 Quant Method : I:\VOLATILES\VOA101\2017\170717A\V101_170629B_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Fri Jun 30 16:37:53 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2017\170717A\V01170717A02.D
 Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Carbon tetrachloride	0.000		0		N.D.	
37) 1,1,1-Trichloroethane	0.000		0		N.D.	
39) 2-Butanone	0.000		0		N.D. d	
40) 1,1-Dichloropropene	0.000		0		N.D.	
41) Benzene	5.508	78	80253	3.662	ug/L #	91
44) 1,2-Dichloroethane	0.000		0		N.D.	
48) Trichloroethene	0.000		0		N.D.	
50) Dibromomethane	0.000		0		N.D.	
51) 1,2-Dichloropropane	0.000		0		N.D.	
54) Bromodichloromethane	6.687	83	109		N.D.	
57) 1,4-Dioxane	0.000		0		N.D.	
58) cis-1,3-Dichloropropene	0.000		0		N.D.	
61) Toluene	7.822	92	920009	59.871	ug/L	97
62) 4-Methyl-2-pentanone	0.000		0		N.D.	
63) Tetrachloroethene	0.000		0		N.D.	
65) trans-1,3-Dichloropropene	0.000		0		N.D.	
68) 1,1,2-Trichloroethane	0.000		0		N.D. d	
69) Chlorodibromomethane	0.000		0		N.D.	
70) 1,3-Dichloropropane	0.000		0		N.D.	
71) 1,2-Dibromoethane	0.000		0		N.D.	
72) 2-Hexanone	0.000		0		N.D. d	
73) Chlorobenzene	0.000		0		N.D.	
74) Ethylbenzene	9.819	91	322732	10.643	ug/L	97
75) 1,1,1,2-Tetrachloroethane	0.000		0		N.D.	
76) p/m Xylene	10.020	106	447277	38.091	ug/L	86
77) o Xylene	10.593	106	183735	17.074	ug/L	87
78) Styrene	0.000		0		N.D. d	
80) Bromoform	0.000		0		N.D.	
82) Isopropylbenzene	11.003	105	11525	0.355	ug/L	97
84) Bromobenzene	0.000		0		N.D.	
85) n-Propylbenzene	11.521	91	42468	1.109	ug/L	96
87) 1,1,2,2-Tetrachloroethane	11.488	83	59		N.D.	
88) 4-Ethyltoluene	11.630	105	206600	6.835	ug/L	98
89) 2-Chlorotoluene	0.000		0		N.D. d	
90) 1,3,5-Trimethylbenzene	11.756	105	57867	2.283	ug/L	95
91) 1,2,3-Trichloropropane	0.000		0		N.D. d	
92) trans-1,4-Dichloro-2-b...	0.000		0		N.D. d	
93) 4-Chlorotoluene	0.000		0		N.D. d	
94) tert-Butylbenzene	0.000		0		N.D. d	

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2017\170717A\
 Data File : V01170717A11.D
 Acq On : 17 Jul 2017 14:24
 Operator : VOA101:PD
 Sample : 11723686-20D,31,0.02,10,,a
 Misc : WG1023276,ICAL13786
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 17 15:35:21 2017
 Quant Method : I:\VOLATILES\VOA101\2017\170717A\V101_170629B_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Fri Jun 30 16:37:53 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2017\170717A\V01170717A02.D
 Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97) 1,2,4-Trimethylbenzene	12.214	105	203082	8.088	ug/L	97
98) sec-Butylbenzene	0.000		0	N.D.	d	
99) p-Isopropyltoluene	0.000		0	N.D.	d	
100) 1,3-Dichlorobenzene	12.694	146	51	N.D.		
101) 1,4-Dichlorobenzene	12.694	146	51	N.D.		
102) p-Diethylbenzene	12.940	119	23891	1.687	ug/L	78
103) n-Butylbenzene	12.989	91	5158	0.231	ug/L #	77
104) 1,2-Dichlorobenzene	0.000		0	N.D.		
105) 1,2,4,5-Tetramethylben...	13.796	119	8486	0.475	ug/L	93
106) 1,2-Dibromo-3-chloropr...	0.000		0	N.D.		
108) Hexachlorobutadiene	0.000		0	N.D.		
109) 1,2,4-Trichlorobenzene	0.000		0	N.D.		
110) Naphthalene	15.073	128	7692	1.455	ug/L	100
111) 1,2,3-Trichlorobenzene	0.000		0	N.D.		

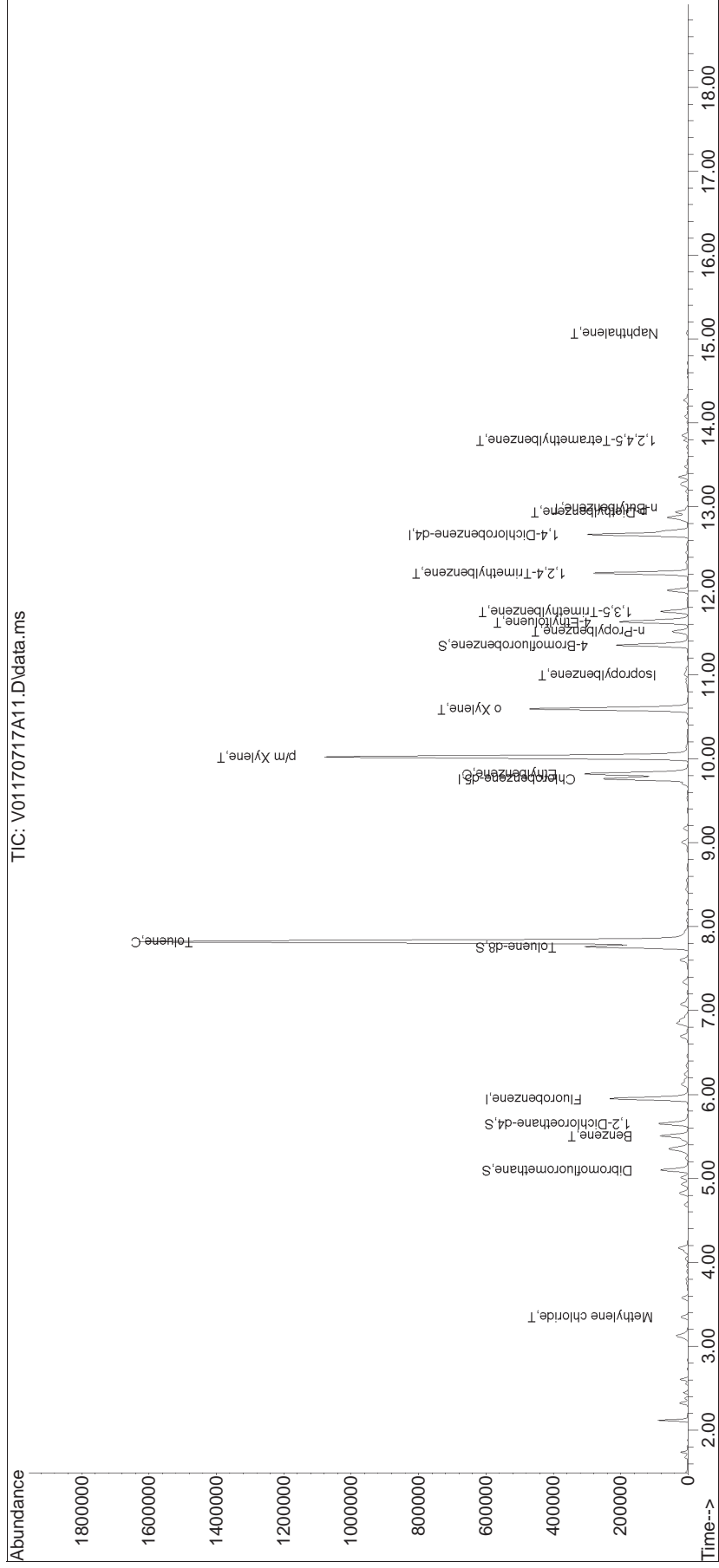
(#) = qualifier out of range (m) = manual integration (+) = signals summed

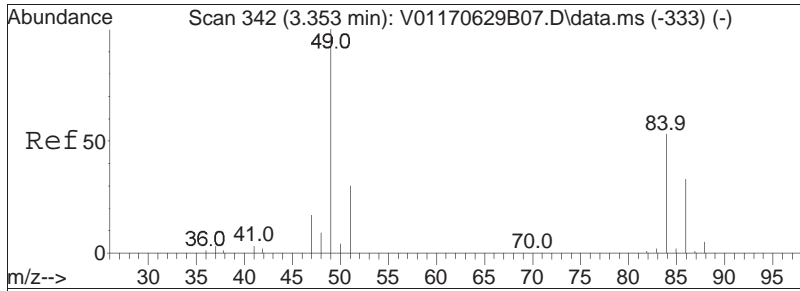
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2017\170717A\
Data File : V01170717A11.D
Acq On : 17 Jul 2017 14:24
Operator : VOA101:PD
Sample : 11723686-20D,31,0.02,10,,a
Misc : WG1023276,ICAL13786
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 17 15:35:21 2017
Quant Method : I:\VOLATILES\VOA101\2017\170717A\170629B_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jun 30 16:37:53 2017
Response via : Initial Calibration

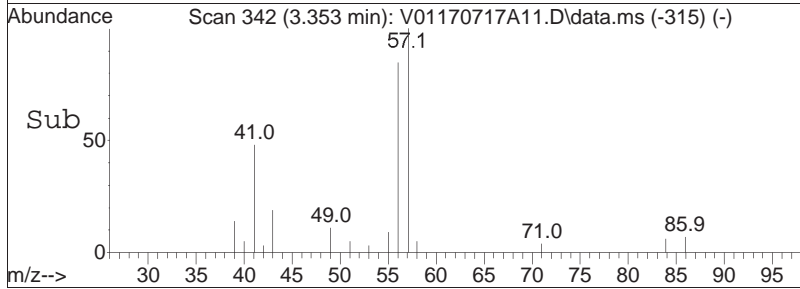
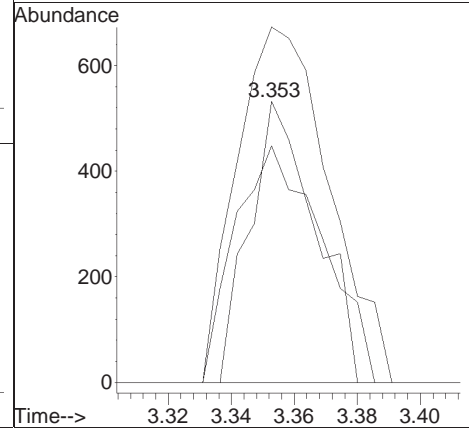
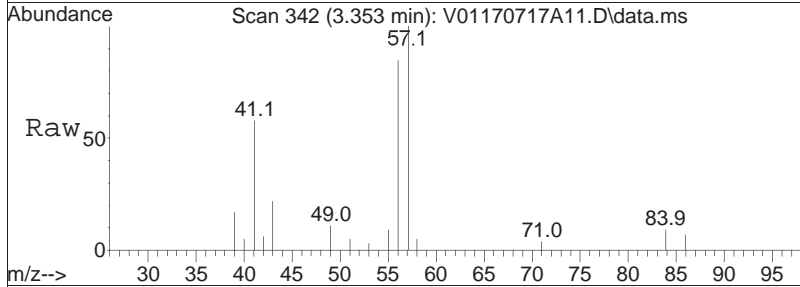
Sub List : 8260-NYTCL - Megamix plus Diox70717A\V01170717A02.D•

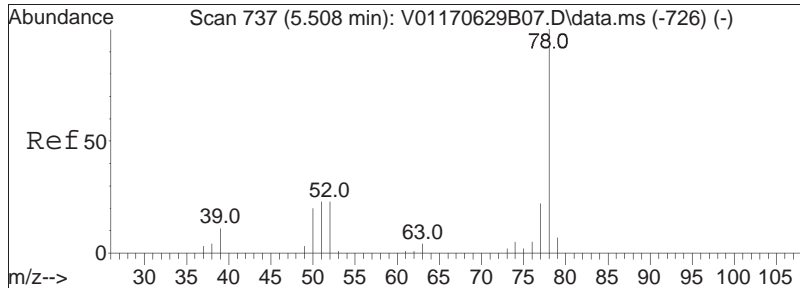




#15
 Methylene chloride
 Concen: 0.16 ug/L
 RT: 3.353 min Scan# 342
 Delta R.T. -0.000 min
 Lab File: V01170717A11.D
 Acq: 17 Jul 2017 14:24

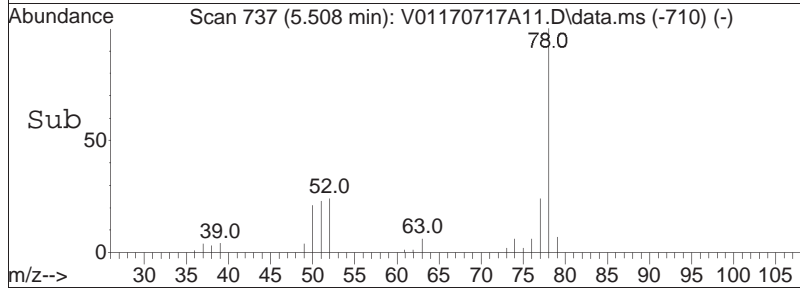
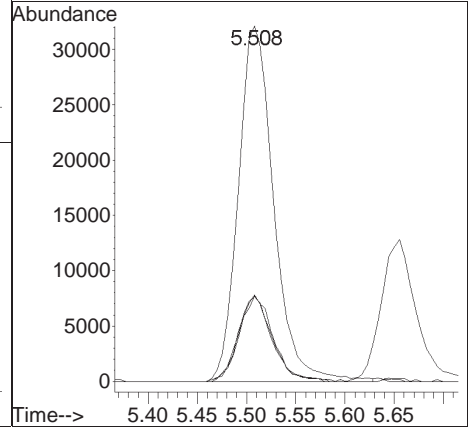
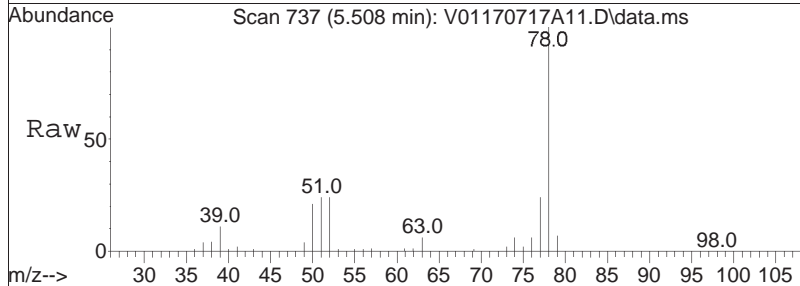
Tgt Ion	84	Resp:	773
Ion Ratio	Lower	Upper	
84	100		
86	111.6	41.0	85.2#
49	177.9	88.5	183.9

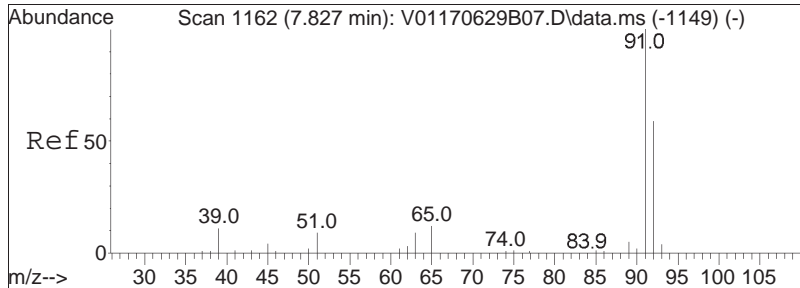




#41
 Benzene
 Concen: 3.66 ug/L
 RT: 5.508 min Scan# 737
 Delta R.T. 0.000 min
 Lab File: V01170717A11.D
 Acq: 17 Jul 2017 14:24

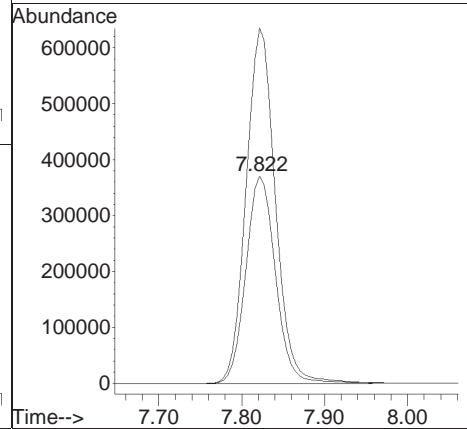
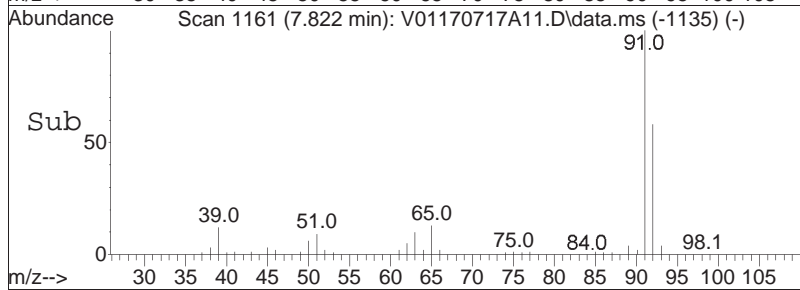
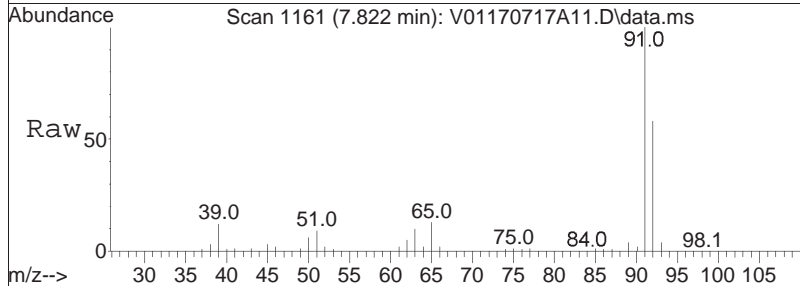
Tgt Ion	Resp	Lower	Upper
78	100		
77	23.3	15.3	31.9
51	23.0	10.9	22.5#
52	22.6	10.1	20.9#

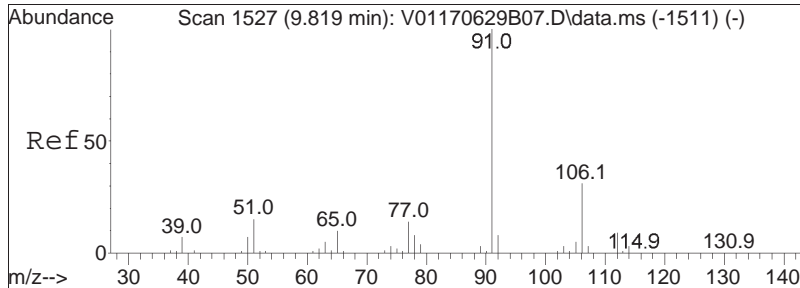




#61
 Toluene
 Concen: 59.87 ug/L
 RT: 7.822 min Scan# 1161
 Delta R.T. -0.005 min
 Lab File: V01170717A11.D
 Acq: 17 Jul 2017 14:24

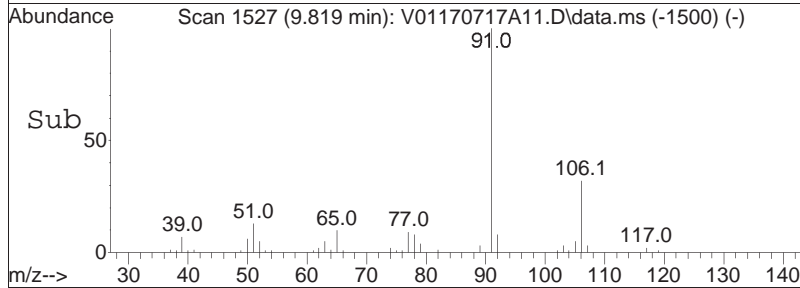
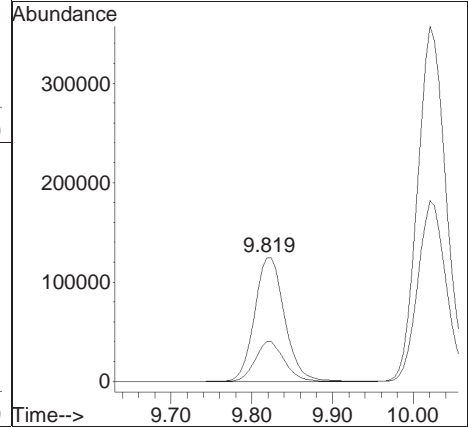
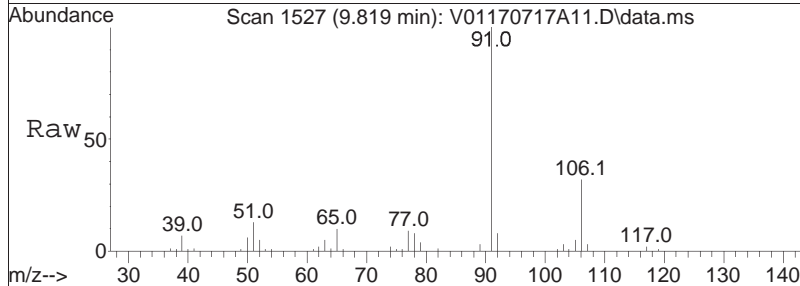
Tgt Ion:	92	Resp:	920009
Ion Ratio	Lower	Upper	
92	100		
91	169.3	138.6	207.8

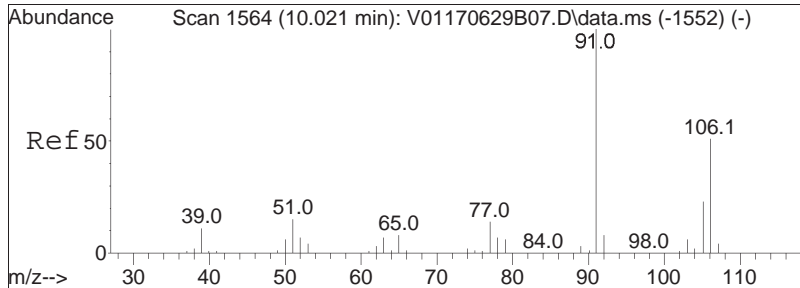




#74
 Ethylbenzene
 Concen: 10.64 ug/L
 RT: 9.819 min Scan# 1527
 Delta R.T. -0.000 min
 Lab File: V01170717A11.D
 Acq: 17 Jul 2017 14:24

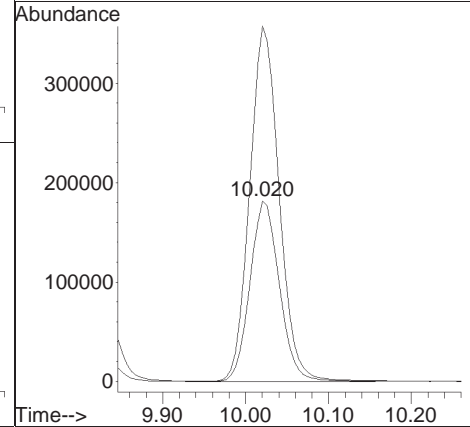
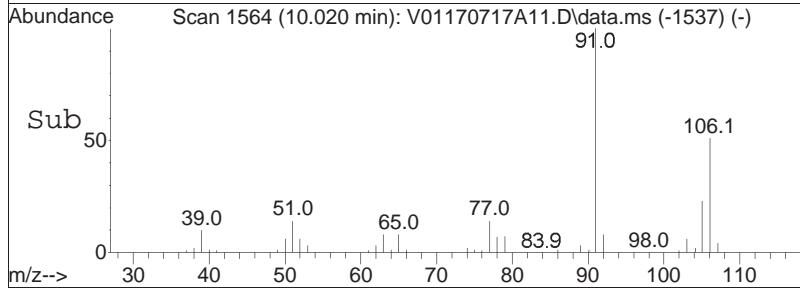
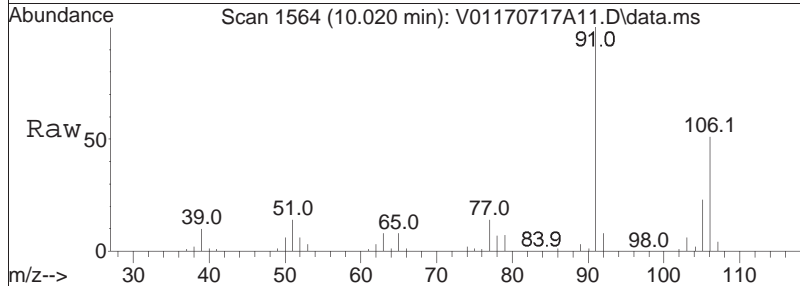
Tgt Ion: 91 Resp: 322732
 Ion Ratio Lower Upper
 91 100
 106 31.2 23.5 35.3

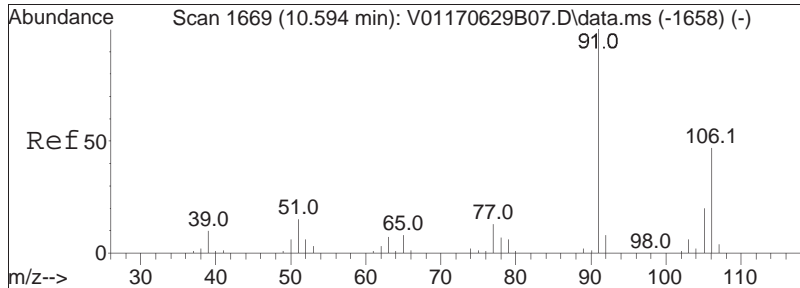




#76
 p/m Xylene
 Concen: 38.09 ug/L
 RT: 10.020 min Scan# 1564
 Delta R.T. -0.001 min
 Lab File: V01170717A11.D
 Acq: 17 Jul 2017 14:24

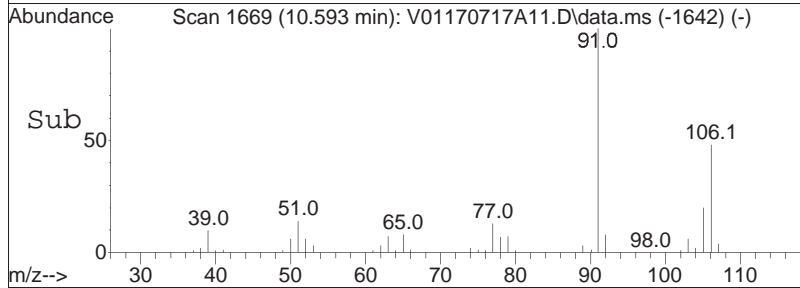
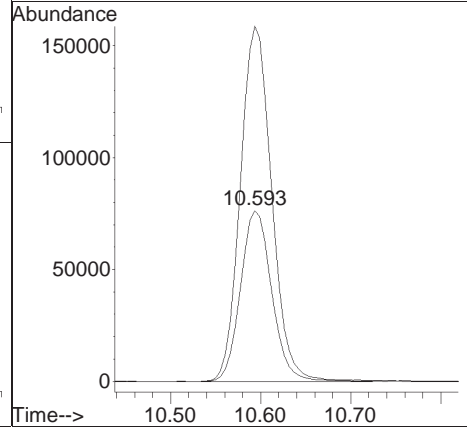
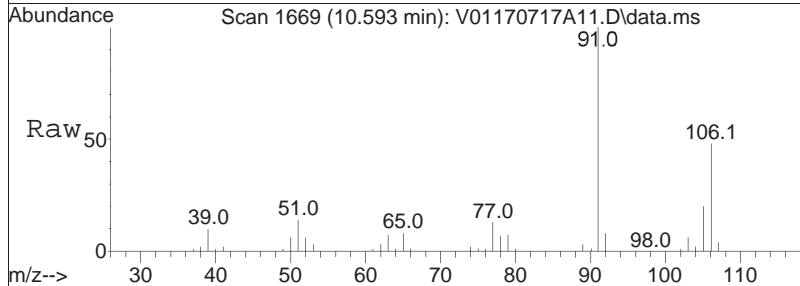
Tgt Ion	Resp	Lower	Upper
106	100		
91	196.1	174.8	262.2

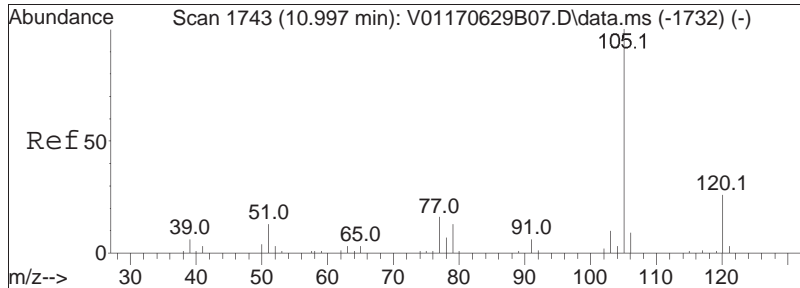




#77
 o Xylene
 Concen: 17.07 ug/L
 RT: 10.593 min Scan# 1669
 Delta R.T. -0.001 min
 Lab File: V01170717A11.D
 Acq: 17 Jul 2017 14:24

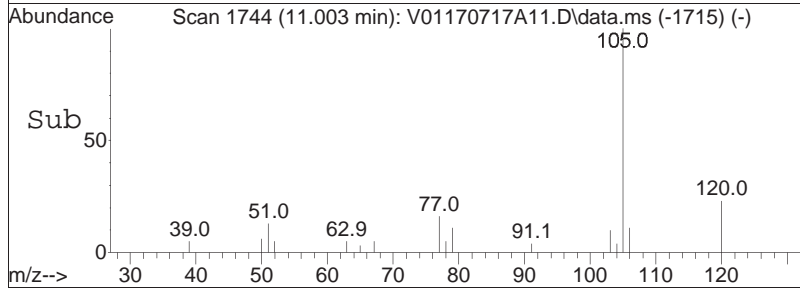
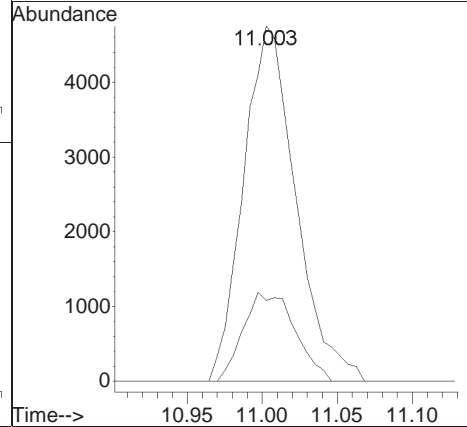
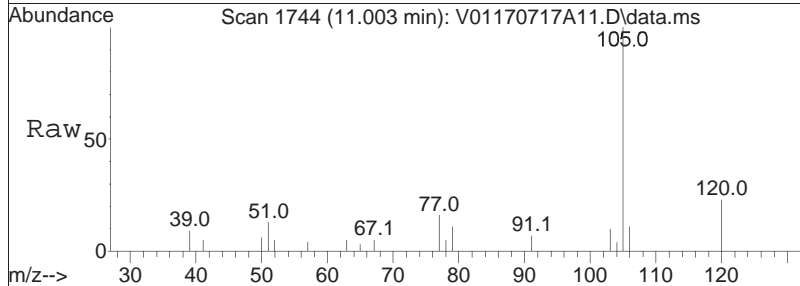
Tgt Ion	Resp	Lower	Upper
106	100		
91	209.2	184.5	276.7

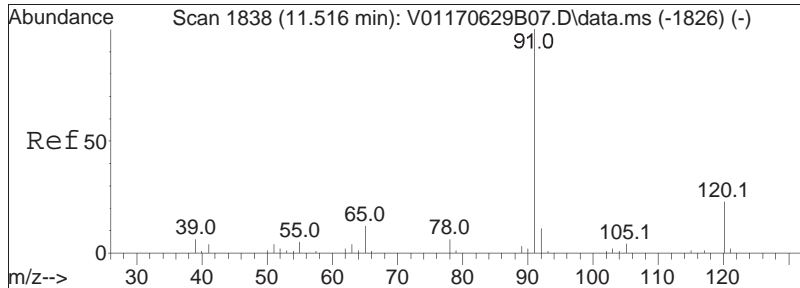




#82
 Isopropylbenzene
 Concen: 0.36 ug/L
 RT: 11.003 min Scan# 1744
 Delta R.T. 0.006 min
 Lab File: V01170717A11.D
 Acq: 17 Jul 2017 14:24

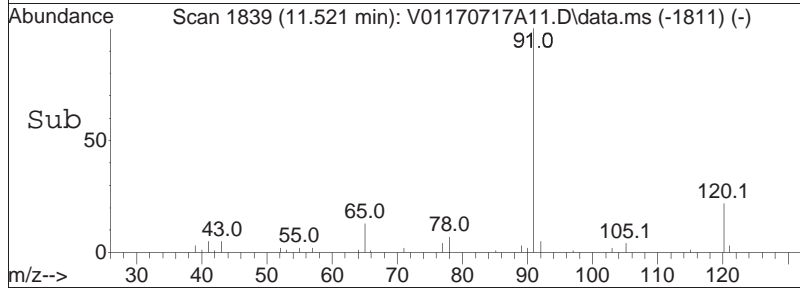
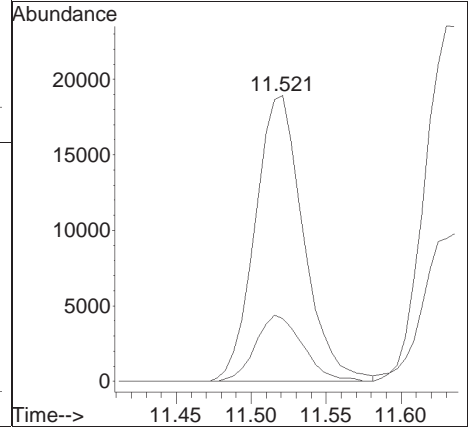
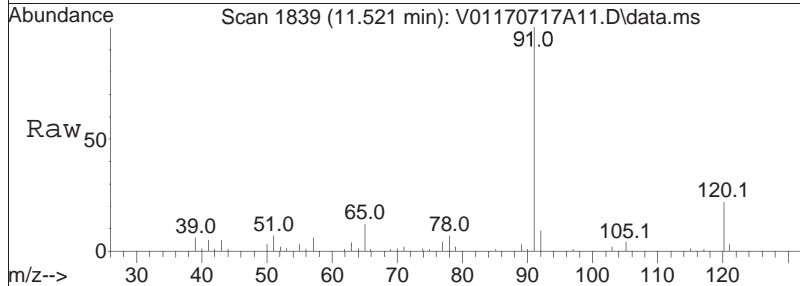
Tgt Ion: 105 Resp: 11525
 Ion Ratio Lower Upper
 105 100
 120 24.7 6.1 46.1

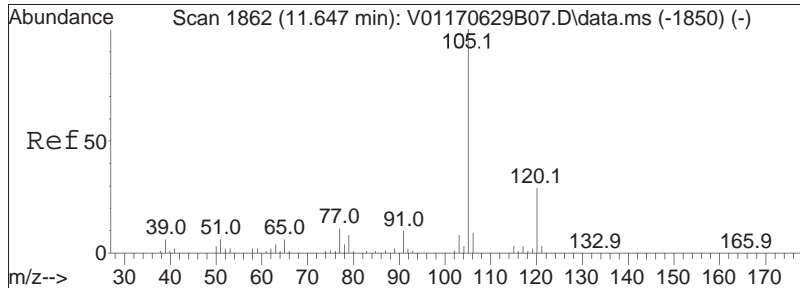




#85
 n-Propylbenzene
 Concen: 1.11 ug/L
 RT: 11.521 min Scan# 1839
 Delta R.T. 0.005 min
 Lab File: V01170717A11.D
 Acq: 17 Jul 2017 14:24

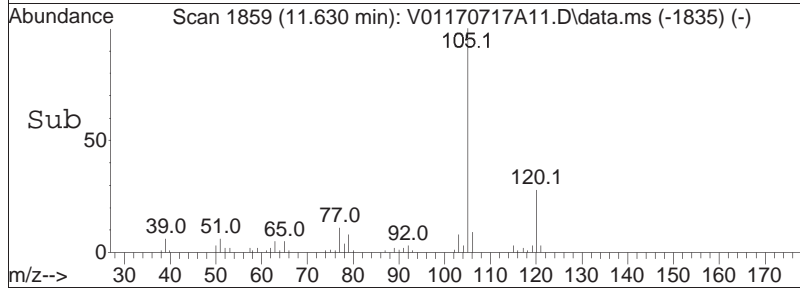
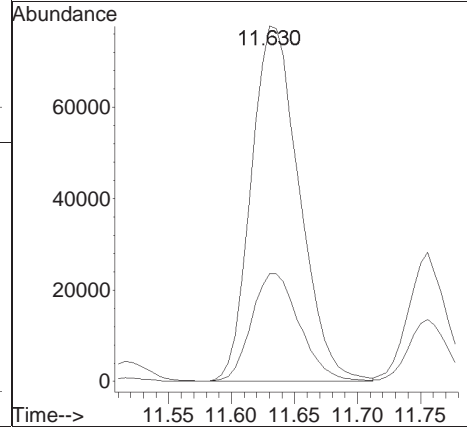
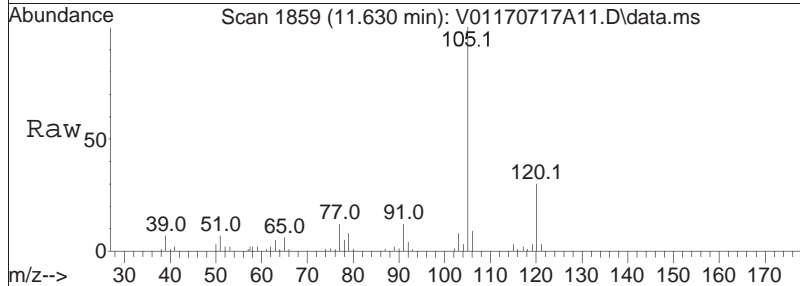
Tgt Ion:	91	Resp:	42468
Ion Ratio	Lower	Upper	
91	100		
120	22.6	16.6	25.0

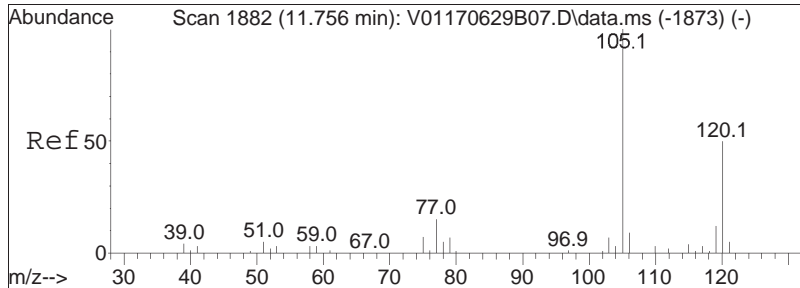




#88
 4-Ethyltoluene
 Concen: 6.83 ug/L
 RT: 11.630 min Scan# 1859
 Delta R.T. -0.017 min
 Lab File: V01170717A11.D
 Acq: 17 Jul 2017 14:24

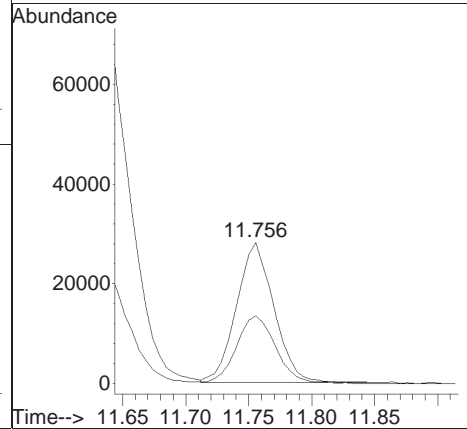
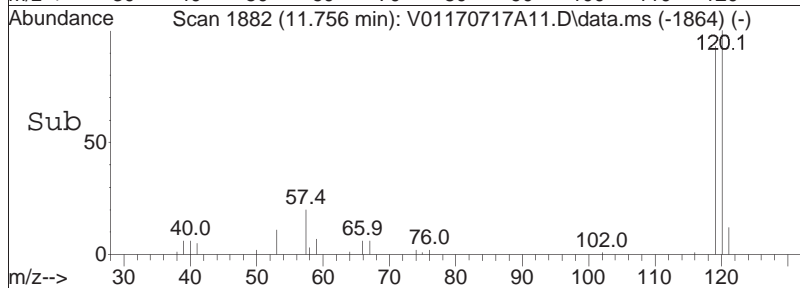
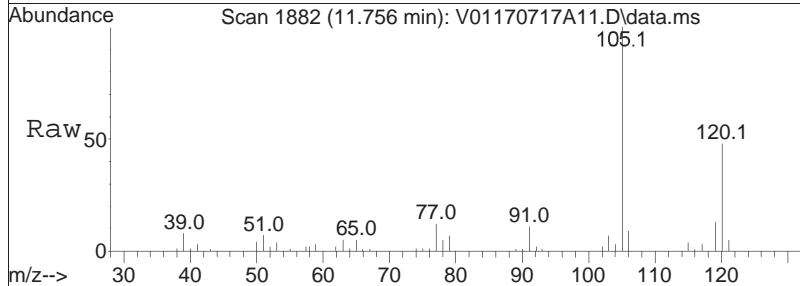
Tgt Ion	Resp	Lower	Upper
105	100		
120	30.2	18.9	39.1

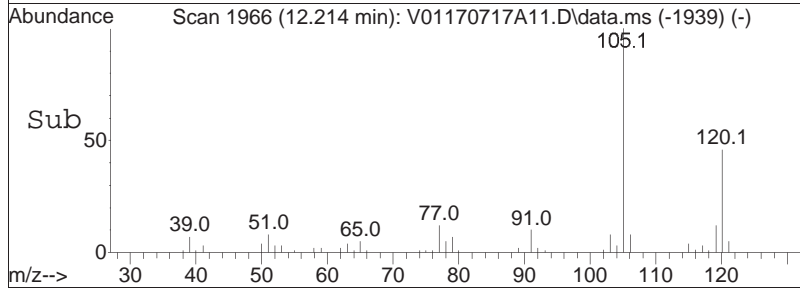
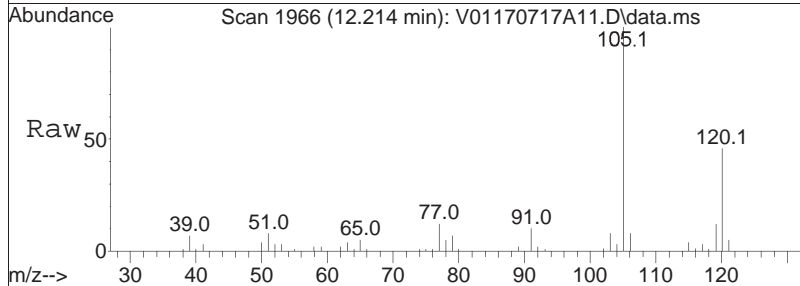
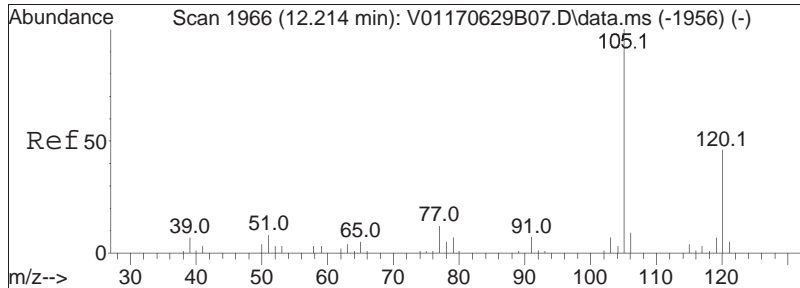




#90
 1,3,5-Trimethylbenzene
 Concen: 2.28 ug/L
 RT: 11.756 min Scan# 1882
 Delta R.T. -0.000 min
 Lab File: V01170717A11.D
 Acq: 17 Jul 2017 14:24

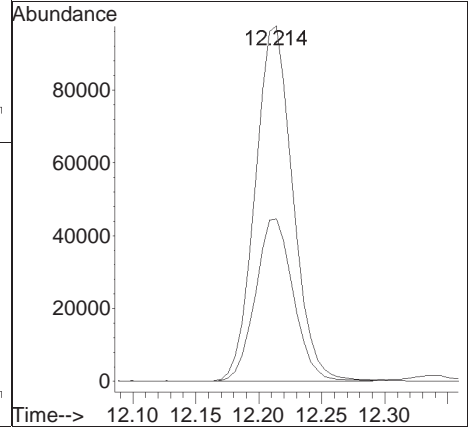
Tgt Ion	Resp	Lower	Upper
105	100		
120	51.0	37.8	56.8

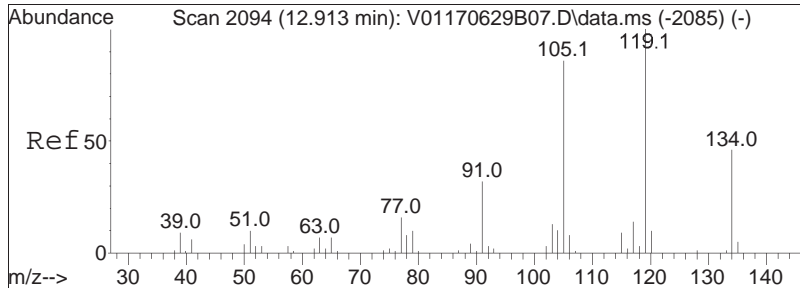




#97
 1,2,4-Trimethylbenzene
 Concen: 8.09 ug/L
 RT: 12.214 min Scan# 1966
 Delta R.T. -0.000 min
 Lab File: V01170717A11.D
 Acq: 17 Jul 2017 14:24

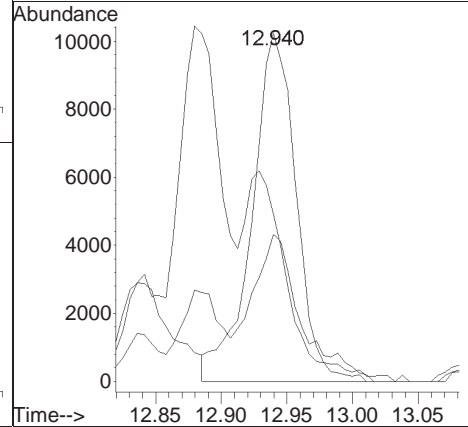
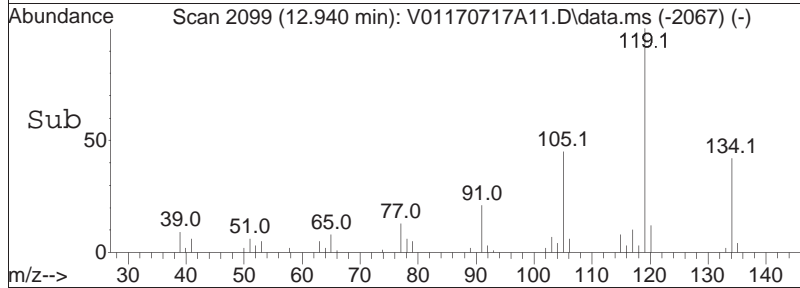
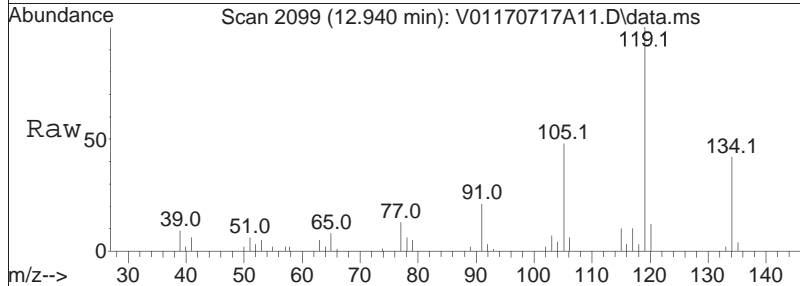
Tgt Ion	Resp	Lower	Upper
105	100		
120	46.0	35.0	52.6

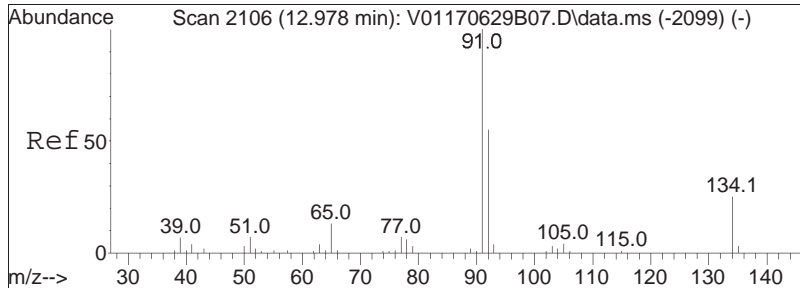




#102
 p-Diethylbenzene
 Concen: 1.69 ug/L
 RT: 12.940 min Scan# 2099
 Delta R.T. 0.027 min
 Lab File: V01170717A11.D
 Acq: 17 Jul 2017 14:24

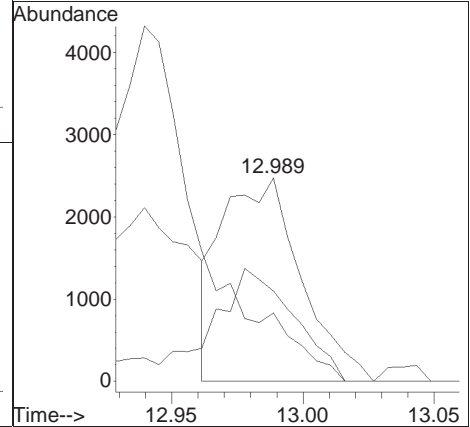
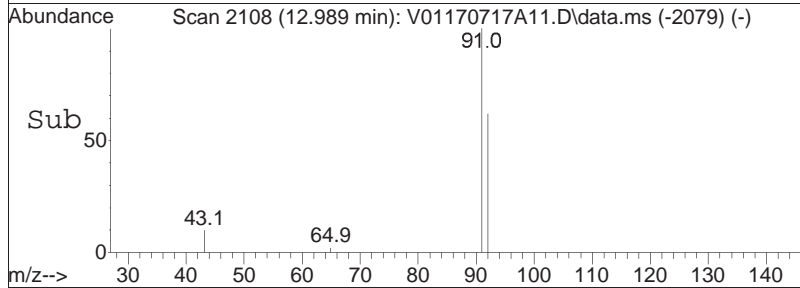
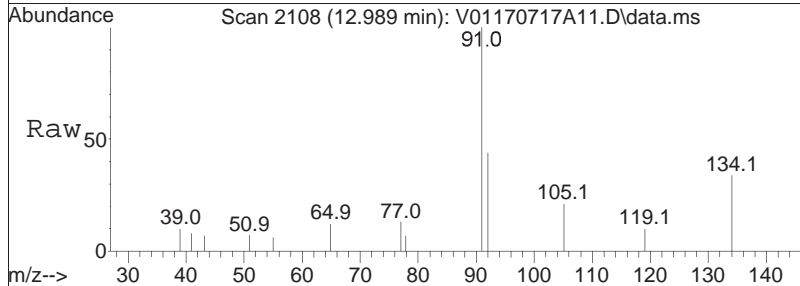
Tgt Ion	Resp	Lower	Upper
119	23891		
119	100		
105	57.7	57.7	119.9
134	46.9	30.0	62.2

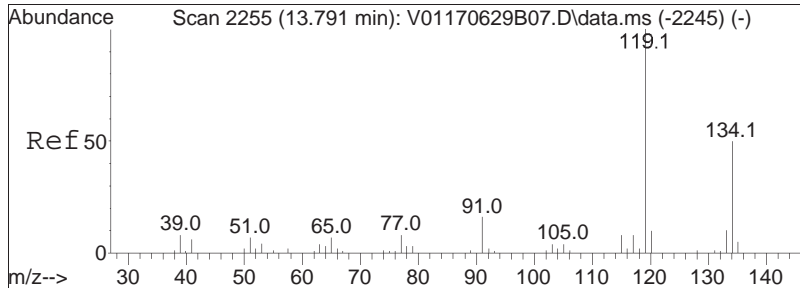




#103
 n-Butylbenzene
 Concen: 0.23 ug/L
 RT: 12.989 min Scan# 2108
 Delta R.T. 0.011 min
 Lab File: V01170717A11.D
 Acq: 17 Jul 2017 14:24

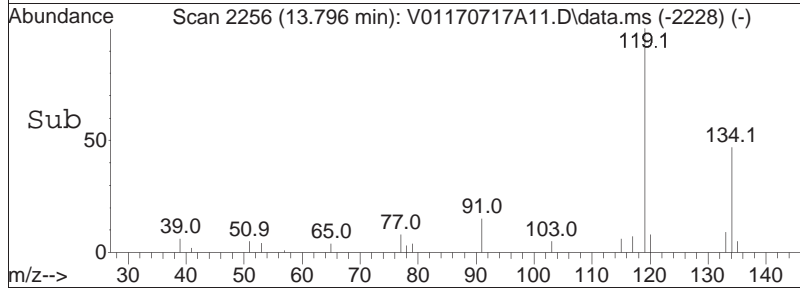
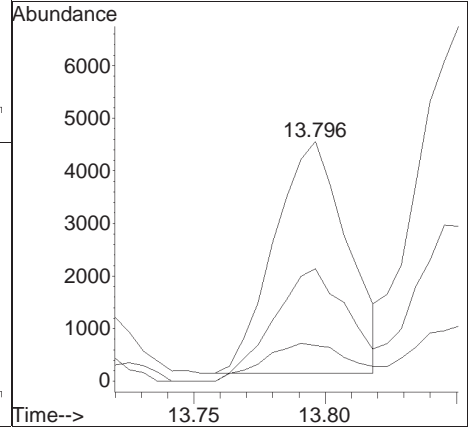
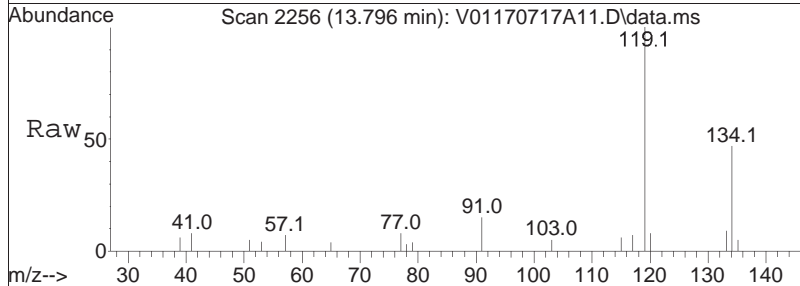
Tgt Ion	Resp	Lower	Upper
91	100		
92	62.7	43.4	65.0
134	0.0	19.0	28.4#

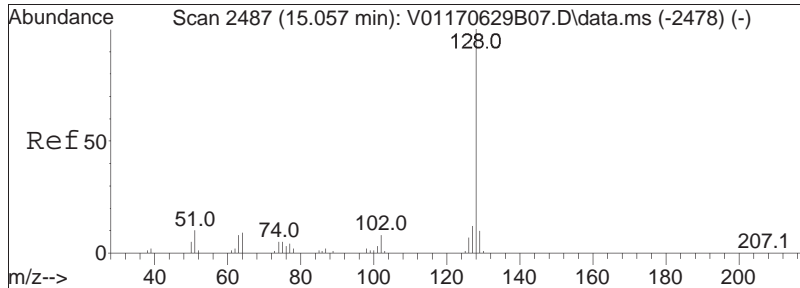




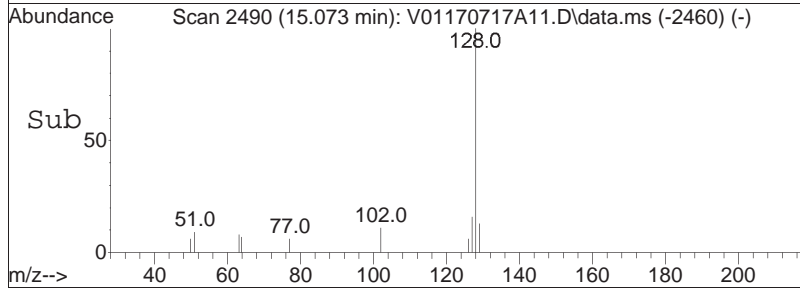
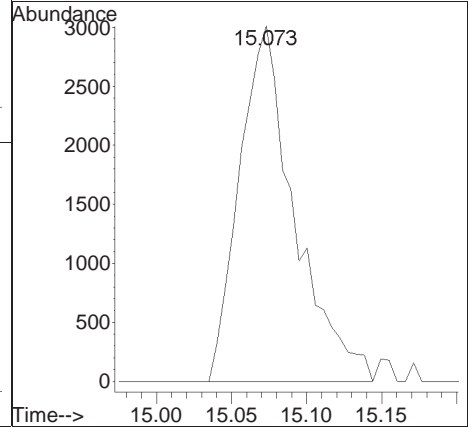
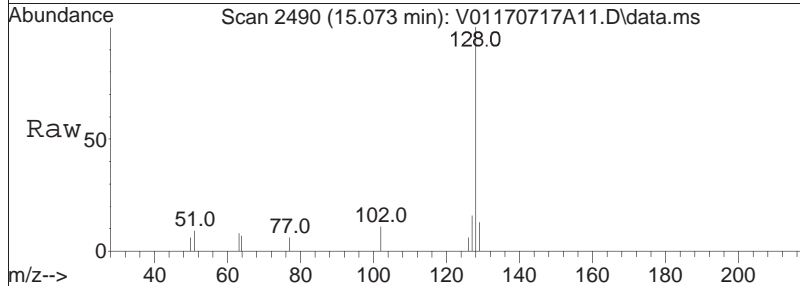
#105
 1,2,4,5-Tetramethylbenzene
 Concen: 0.48 ug/L
 RT: 13.796 min Scan# 2256
 Delta R.T. 0.005 min
 Lab File: V01170717A11.D
 Acq: 17 Jul 2017 14:24

Tgt Ion	Resp	Lower	Upper
119	100		
134	49.9	29.3	60.9
91	20.4	11.8	24.4





#110
 Naphthalene
 Concen: 1.46 ug/L
 RT: 15.073 min Scan# 2490
 Delta R.T. 0.016 min
 Lab File: V01170717A11.D
 Acq: 17 Jul 2017 14:24
 Tgt Ion:128 Resp: 7692



Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2017\1QMethod : V101_170629B_8260.m
Data File : V01170717A11.D Operator : VOA101:PD
Date Inj'd : 7/17/2017 14:24 Instrument : VOA 101
Sample : 11723686-20D,31,0.02,10,,aQuant Date : 7/17/2017 3:25 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2017\170717A\
 Data File : V01170717A12.D
 Acq On : 17 Jul 2017 14:52
 Operator : VOA101:PD
 Sample : 11723686-21D,31,0.04,10,,a
 Misc : WG1023276,ICAL13786
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jul 17 15:41:43 2017
 Quant Method : I:\VOLATILES\VOA101\2017\170717A\V101_170629B_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Fri Jun 30 16:37:53 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2017\170717A\V01170717A02.D
 Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Fluorobenzene	5.950	96	251677	10.000	ug/L	0.00
Standard Area 1 = 290727			Recovery =	86.57%		
59) Chlorobenzene-d5	9.764	117	213777	10.000	ug/L	0.00
Standard Area 1 = 229670			Recovery =	93.08%		
79) 1,4-Dichlorobenzene-d4	12.672	152	112566	10.000	ug/L	0.00
Standard Area 1 = 121874			Recovery =	92.36%		
System Monitoring Compounds						
36) Dibromofluoromethane	5.099	113	62683	10.754	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	107.54%		
43) 1,2-Dichloroethane-d4	5.655	65	77877	11.529	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	115.29%		
60) Toluene-d8	7.762	98	261175	9.133	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	91.33%		
83) 4-Bromofluorobenzene	11.352	95	108819	9.591	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	95.91%		
Target Compounds						
2) Dichlorodifluoromethane	0.000		0		N.D.	
3) Chloromethane	0.000		0		N.D. d	
4) Vinyl chloride	0.000		0		N.D.	
5) Bromomethane	0.000		0		N.D.	
6) Chloroethane	2.092	64	55		N.D.	
7) Trichlorofluoromethane	0.000		0		N.D.	
8) Ethyl ether	0.000		0		N.D.	
10) 1,1-Dichloroethene	0.000		0		N.D.	
11) Carbon disulfide	0.000		0		N.D. d	
15) Methylene chloride	3.358	84	807	0.169	ug/L #	64
17) Acetone	0.000		0		N.D. d	
18) trans-1,2-Dichloroethene	0.000		0		N.D.	
20) Methyl tert-butyl ether	3.604	73	358		N.D.	
23) 1,1-Dichloroethane	0.000		0		N.D.	
25) Acrylonitrile	0.000		0		N.D. d	
27) Vinyl acetate	0.000		0		N.D.	
28) cis-1,2-Dichloroethene	0.000		0		N.D.	
29) 2,2-Dichloropropane	4.695	77	241		N.D.	
30) Bromochloromethane	0.000		0		N.D.	
32) Chloroform	4.848	83	106		N.D.	

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2017\170717A\
 Data File : V01170717A12.D
 Acq On : 17 Jul 2017 14:52
 Operator : VOA101:PD
 Sample : 11723686-21D,31,0.04,10,,a
 Misc : WG1023276,ICAL13786
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jul 17 15:41:43 2017
 Quant Method : I:\VOLATILES\VOA101\2017\170717A\V101_170629B_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Fri Jun 30 16:37:53 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2017\170717A\V01170717A02.D
 Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Carbon tetrachloride	0.000		0		N.D.	
37) 1,1,1-Trichloroethane	0.000		0		N.D.	
39) 2-Butanone	0.000		0		N.D. d	
40) 1,1-Dichloropropene	0.000		0		N.D.	
41) Benzene	5.508	78	876983	40.068	ug/L #	90
44) 1,2-Dichloroethane	5.732	62	49		N.D.	
48) Trichloroethene	6.032	95	50		N.D.	
50) Dibromomethane	0.000		0		N.D.	
51) 1,2-Dichloropropane	0.000		0		N.D.	
54) Bromodichloromethane	0.000		0		N.D.	
57) 1,4-Dioxane	0.000		0		N.D.	
58) cis-1,3-Dichloropropene	0.000		0		N.D.	
61) Toluene	7.822	92	2839951	179.124	ug/L	97
62) 4-Methyl-2-pentanone	0.000		0		N.D.	
63) Tetrachloroethene	0.000		0		N.D.	
65) trans-1,3-Dichloropropene	0.000		0		N.D.	
68) 1,1,2-Trichloroethane	0.000		0		N.D. d	
69) Chlorodibromomethane	0.000		0		N.D.	
70) 1,3-Dichloropropane	0.000		0		N.D.	
71) 1,2-Dibromoethane	0.000		0		N.D.	
72) 2-Hexanone	0.000		0		N.D.	
73) Chlorobenzene	0.000		0		N.D.	
74) Ethylbenzene	9.819	91	709881	22.690	ug/L	95
75) 1,1,1,2-Tetrachloroethane	0.000		0		N.D.	
76) p/m Xylene	10.021	106	1011223	83.465	ug/L	87
77) o Xylene	10.594	106	428271	38.573	ug/L	87
78) Styrene	0.000		0		N.D. d	
80) Bromoform	0.000		0		N.D.	
82) Isopropylbenzene	11.003	105	19241	0.557	ug/L	97
84) Bromobenzene	0.000		0		N.D.	
85) n-Propylbenzene	11.521	91	63071	1.547	ug/L	96
87) 1,1,2,2-Tetrachloroethane	0.000		0		N.D.	
88) 4-Ethyltoluene	11.630	105	327648	10.181	ug/L	97
89) 2-Chlorotoluene	0.000		0		N.D. d	
90) 1,3,5-Trimethylbenzene	11.756	105	95778	3.549	ug/L	98
91) 1,2,3-Trichloropropane	0.000		0		N.D. d	
92) trans-1,4-Dichloro-2-b...	0.000		0		N.D. d	
93) 4-Chlorotoluene	0.000		0		N.D. d	
94) tert-Butylbenzene	0.000		0		N.D. d	

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2017\170717A\
 Data File : V01170717A12.D
 Acq On : 17 Jul 2017 14:52
 Operator : VOA101:PD
 Sample : 11723686-21D,31,0.04,10,,a
 Misc : WG1023276,ICAL13786
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jul 17 15:41:43 2017
 Quant Method : I:\VOLATILES\VOA101\2017\170717A\V101_170629B_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Fri Jun 30 16:37:53 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2017\170717A\V01170717A02.D
 Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97) 1,2,4-Trimethylbenzene	12.214	105	355017	13.281	ug/L	97
98) sec-Butylbenzene	0.000		0	N.D.	d	
99) p-Isopropyltoluene	0.000		0	N.D.	d	
100) 1,3-Dichlorobenzene	12.683	146	67	N.D.		
101) 1,4-Dichlorobenzene	12.683	146	67	N.D.		
102) p-Diethylbenzene	12.940	119	27632	1.833	ug/L #	75
103) n-Butylbenzene	0.000		0	N.D.	d	
104) 1,2-Dichlorobenzene	0.000		0	N.D.		
105) 1,2,4,5-Tetramethylben...	13.791	119	11930	0.628	ug/L	86
106) 1,2-Dibromo-3-chloropr...	0.000		0	N.D.		
108) Hexachlorobutadiene	0.000		0	N.D.		
109) 1,2,4-Trichlorobenzene	0.000		0	N.D.		
110) Naphthalene	15.068	128	16098	2.861	ug/L	100
111) 1,2,3-Trichlorobenzene	0.000		0	N.D.		

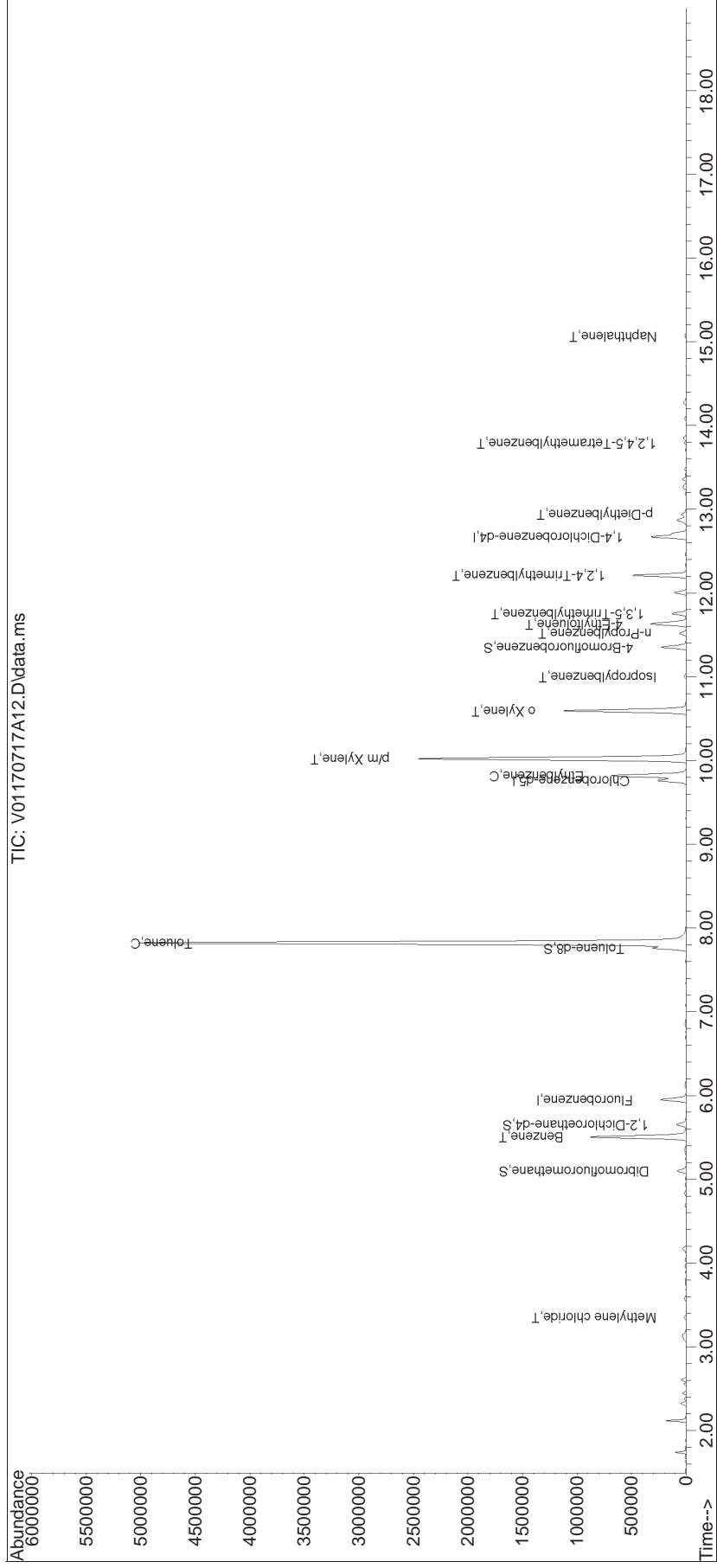
(#) = qualifier out of range (m) = manual integration (+) = signals summed

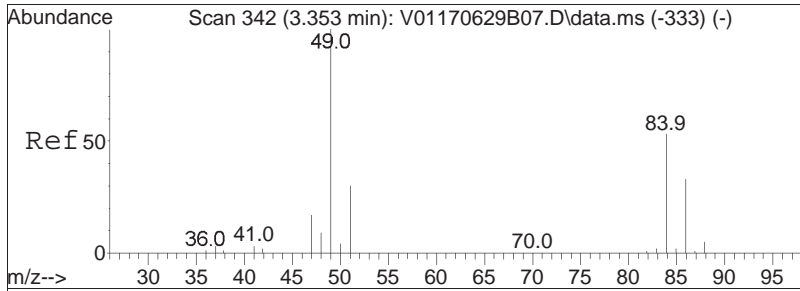
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2017\170717A\
 Data File : V01170717A12.D
 Acq On : 17 Jul 2017 14:52
 Operator : VOA101:PD
 Sample : 11723686-21D,31,0.04,10,,a
 Misc : WG1023276,ICAL13786
 ALS Vial : 12 Sample Multiplier: 1

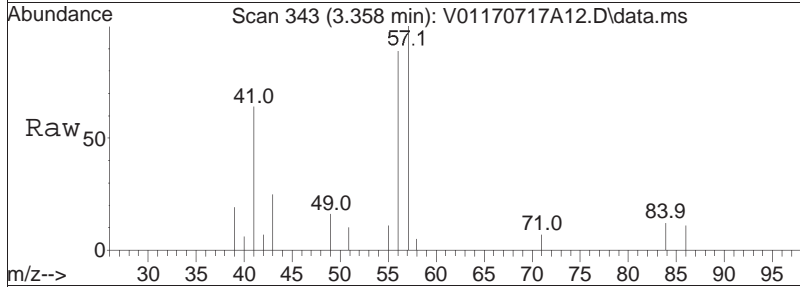
Quant Time: Jul 17 15:41:43 2017
 Quant Method : I:\VOLATILES\VOA101\2017\170717A\V101_170629B_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Fri Jun 30 16:37:53 2017
 Response via : Initial Calibration

Sub List : 8260-NYTCL - Megamix plus Diox70717A\V01170717A02.D•

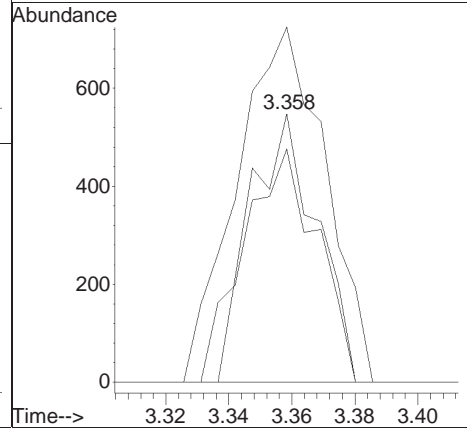
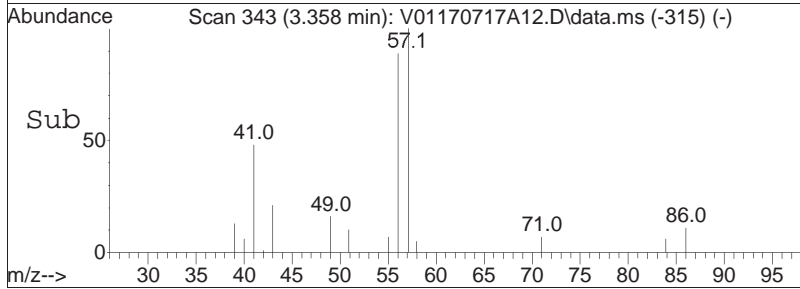


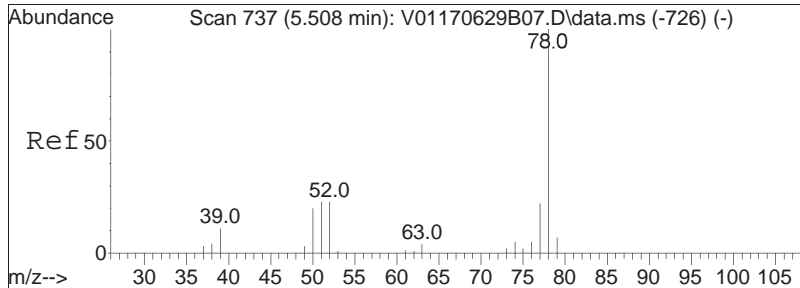


#15
 Methylene chloride
 Concen: 0.17 ug/L
 RT: 3.358 min Scan# 343
 Delta R.T. 0.005 min
 Lab File: V01170717A12.D
 Acq: 17 Jul 2017 14:52



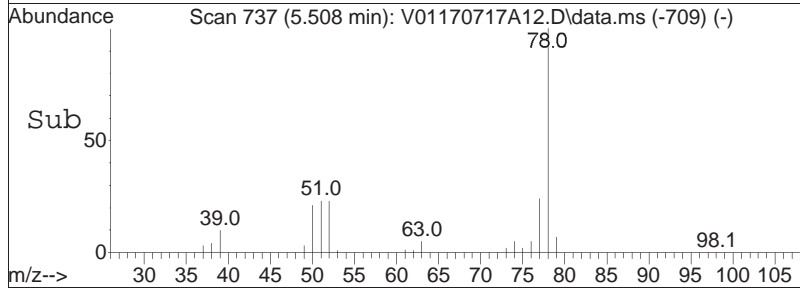
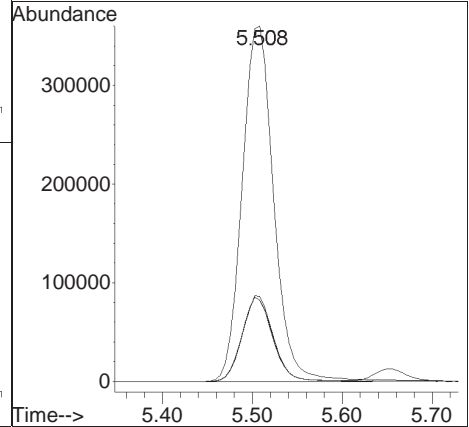
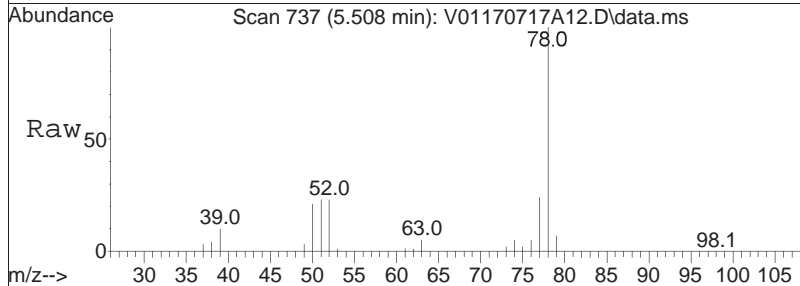
Tgt Ion	Ratio	Lower	Upper
84	100		
86	96.3	41.0	85.2#
49	175.6	88.5	183.9

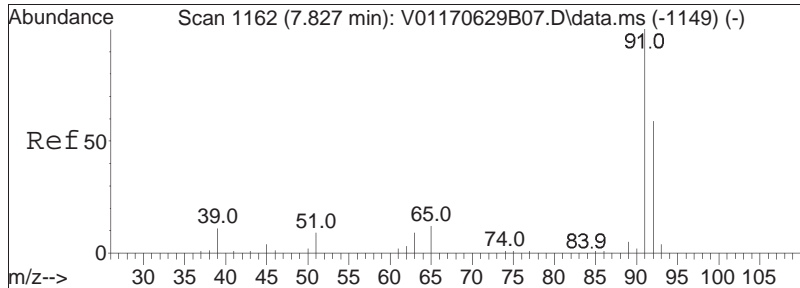




#41
 Benzene
 Concen: 40.07 ug/L
 RT: 5.508 min Scan# 737
 Delta R.T. 0.000 min
 Lab File: V01170717A12.D
 Acq: 17 Jul 2017 14:52

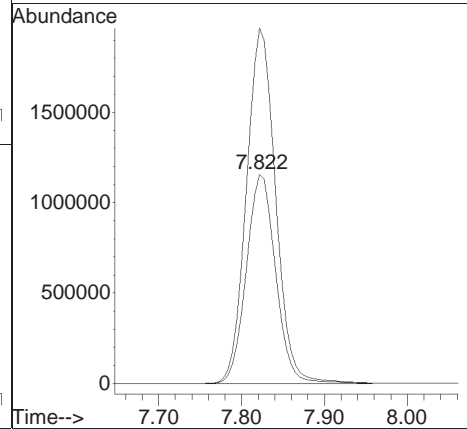
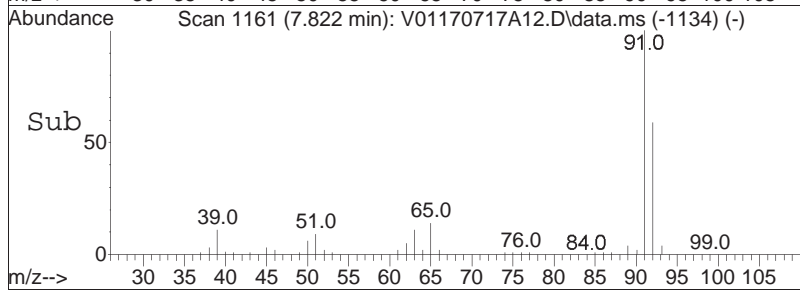
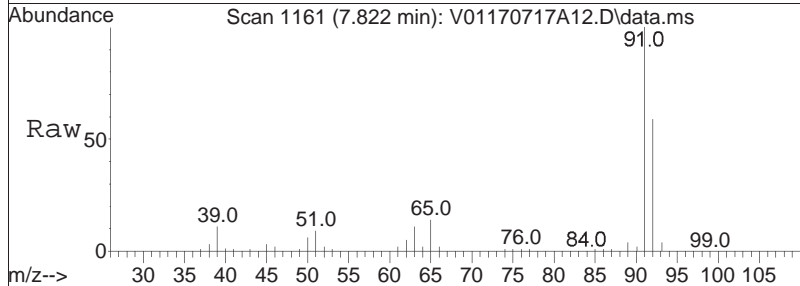
Tgt Ion	Resp	Lower	Upper
78	100		
77	23.6	15.3	31.9
51	23.3	10.9	22.5#
52	23.1	10.1	20.9#

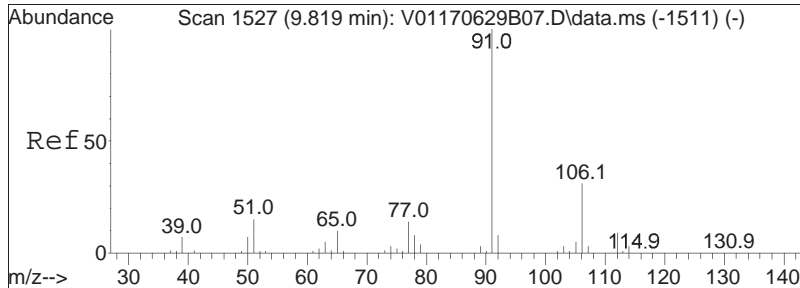




#61
 Toluene
 Concen: 179.12 ug/L
 RT: 7.822 min Scan# 1161
 Delta R.T. -0.005 min
 Lab File: V01170717A12.D
 Acq: 17 Jul 2017 14:52

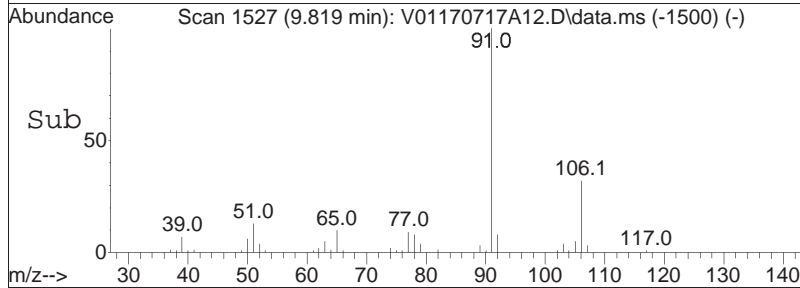
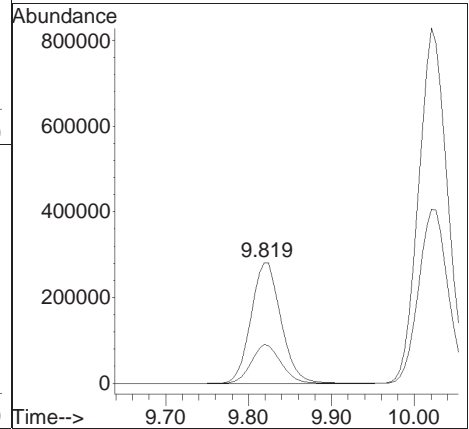
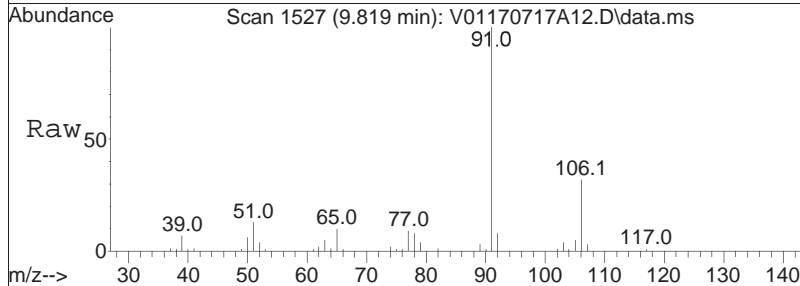
Tgt Ion: 92 Resp: 2839951
 Ion Ratio Lower Upper
 92 100
 91 169.2 138.6 207.8

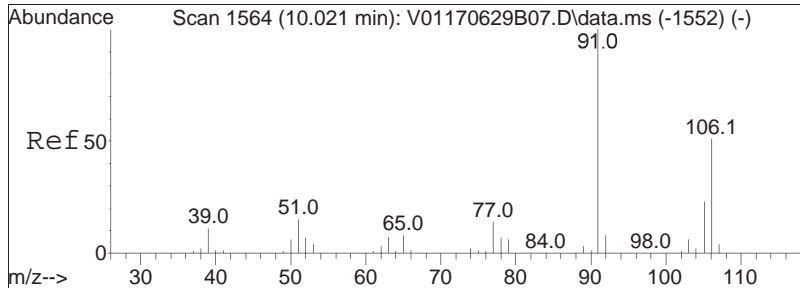




#74
 Ethylbenzene
 Concen: 22.69 ug/L
 RT: 9.819 min Scan# 1527
 Delta R.T. -0.000 min
 Lab File: V01170717A12.D
 Acq: 17 Jul 2017 14:52

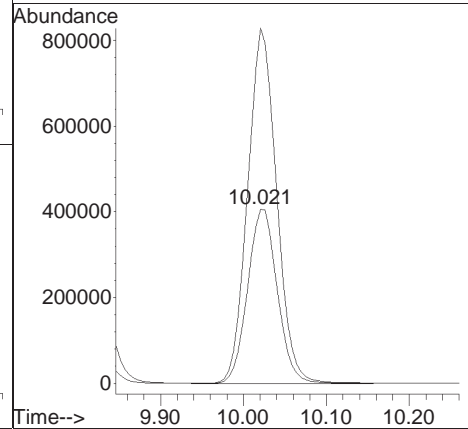
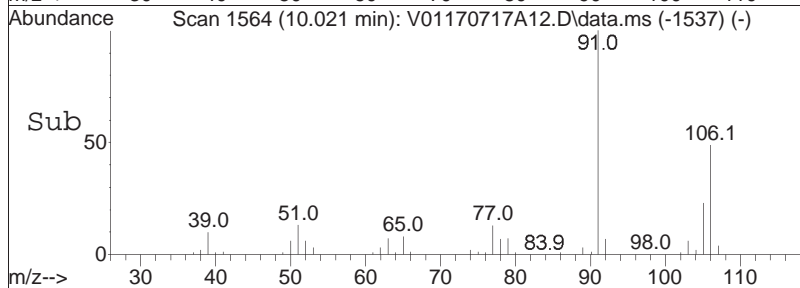
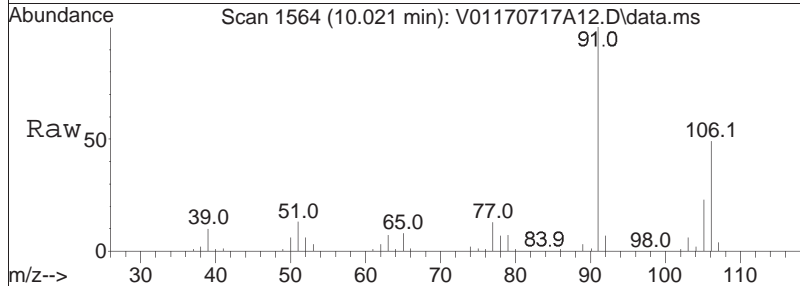
Tgt Ion:	91	Resp:	709881
Ion Ratio	Lower	Upper	
91	100		
106	31.8	23.5	35.3

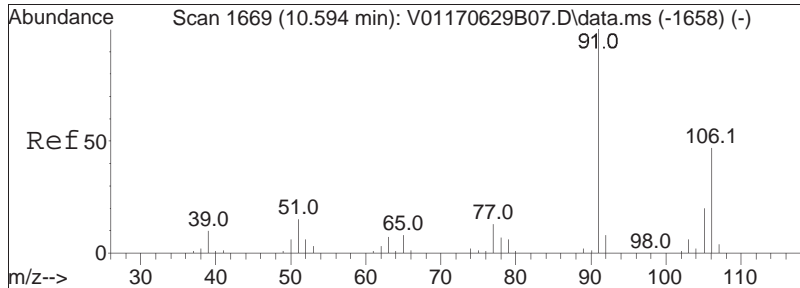




#76
 p/m Xylene
 Concen: 83.47 ug/L
 RT: 10.021 min Scan# 1564
 Delta R.T. -0.000 min
 Lab File: V01170717A12.D
 Acq: 17 Jul 2017 14:52

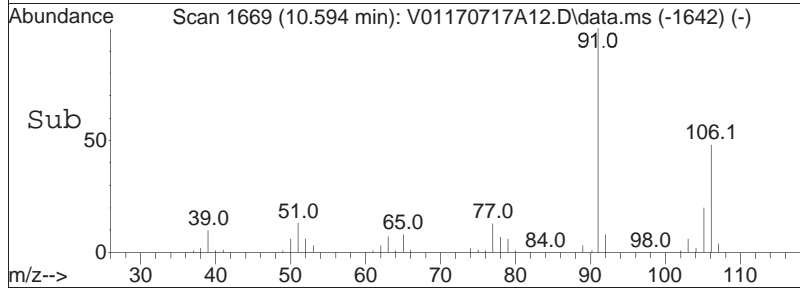
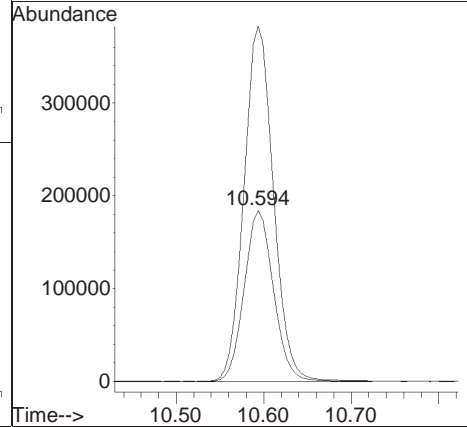
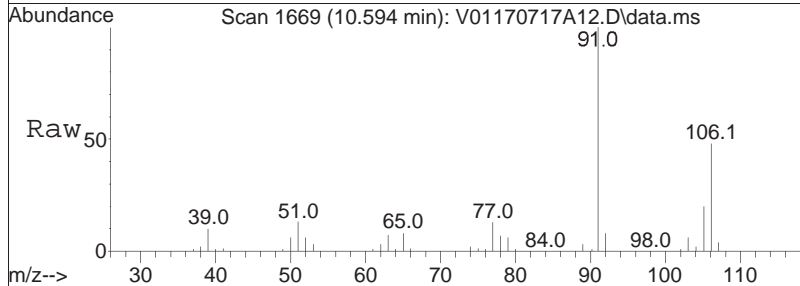
Tgt Ion:106 Resp: 1011223
 Ion Ratio Lower Upper
 106 100
 91 198.1 174.8 262.2

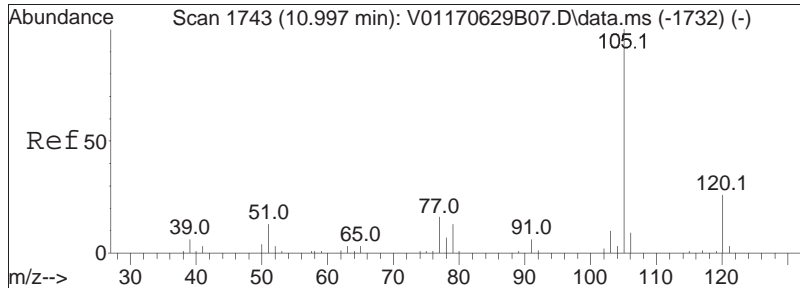




#77
 o Xylene
 Concen: 38.57 ug/L
 RT: 10.594 min Scan# 1669
 Delta R.T. -0.000 min
 Lab File: V01170717A12.D
 Acq: 17 Jul 2017 14:52

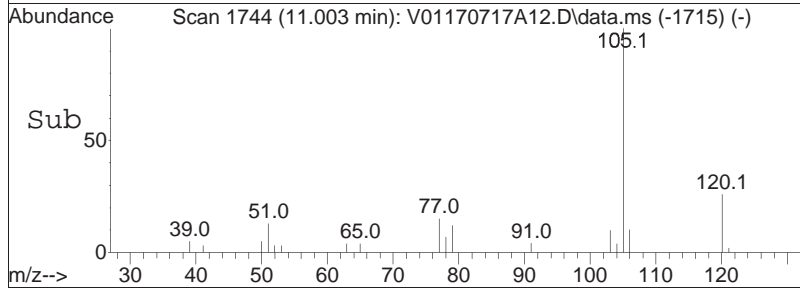
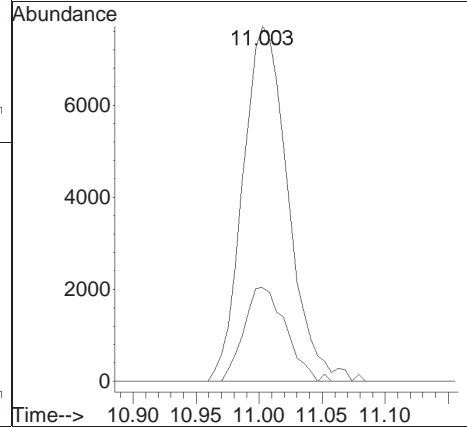
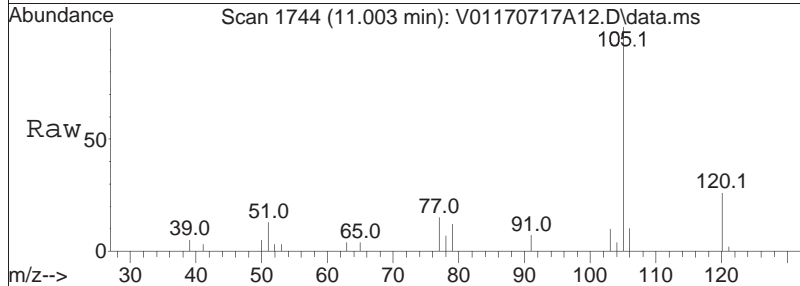
Tgt Ion	Resp	Lower	Upper
106	100		
91	209.1	184.5	276.7

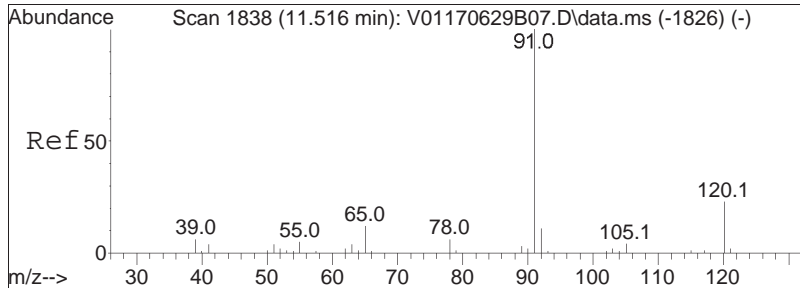




#82
 Isopropylbenzene
 Concen: 0.56 ug/L
 RT: 11.003 min Scan# 1744
 Delta R.T. 0.006 min
 Lab File: V01170717A12.D
 Acq: 17 Jul 2017 14:52

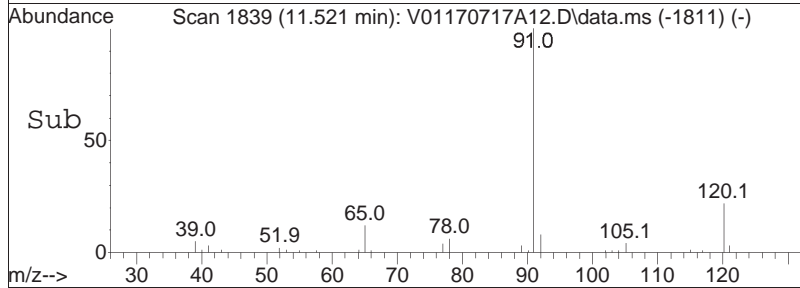
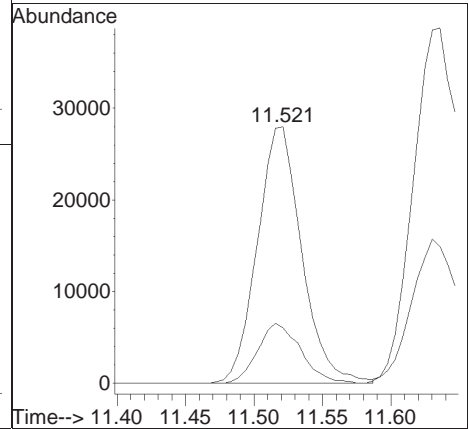
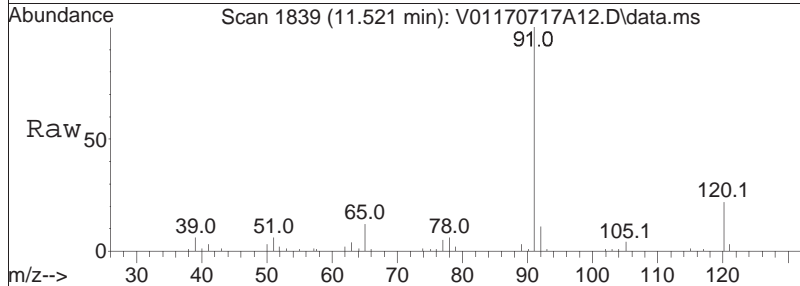
Tgt Ion:	105	Resp:	19241
Ion Ratio	Lower	Upper	
105	100		
120	24.7	6.1	46.1

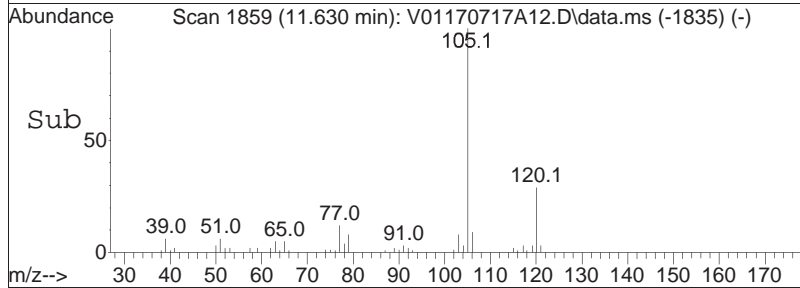
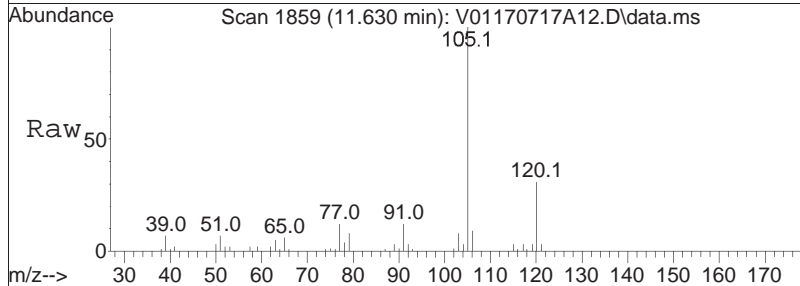
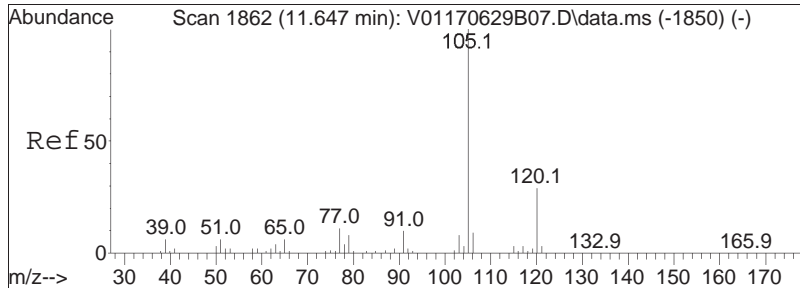




#85
 n-Propylbenzene
 Concen: 1.55 ug/L
 RT: 11.521 min Scan# 1839
 Delta R.T. 0.005 min
 Lab File: V01170717A12.D
 Acq: 17 Jul 2017 14:52

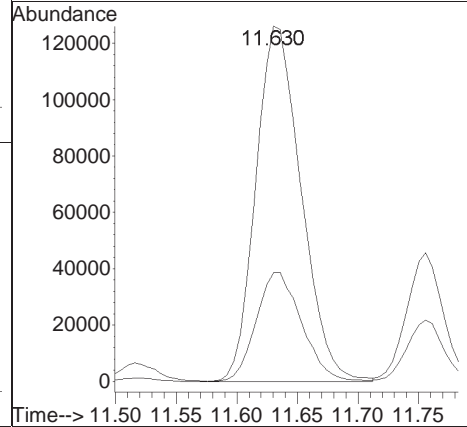
Tgt Ion:	91	Resp:	63071
Ion Ratio	100	Lower	Upper
120	22.8	16.6	25.0

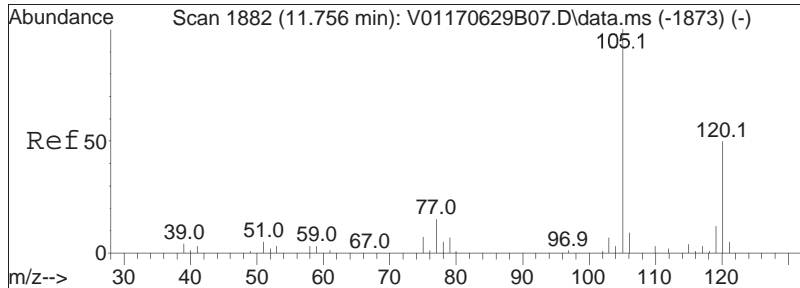




#88
 4-Ethyltoluene
 Concen: 10.18 ug/L
 RT: 11.630 min Scan# 1859
 Delta R.T. -0.017 min
 Lab File: V01170717A12.D
 Acq: 17 Jul 2017 14:52

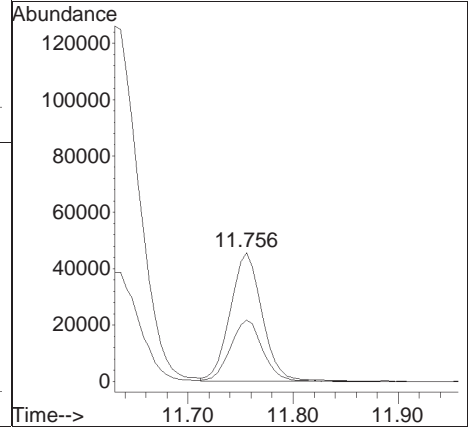
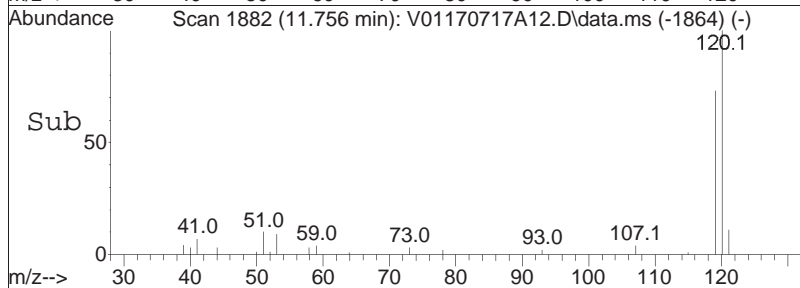
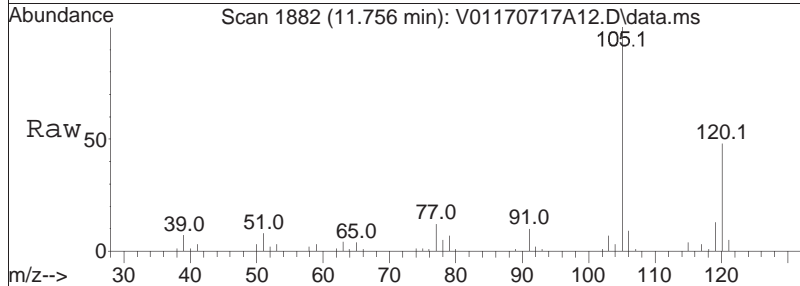
Tgt Ion	Resp	Lower	Upper
105	100		
120	30.6	18.9	39.1

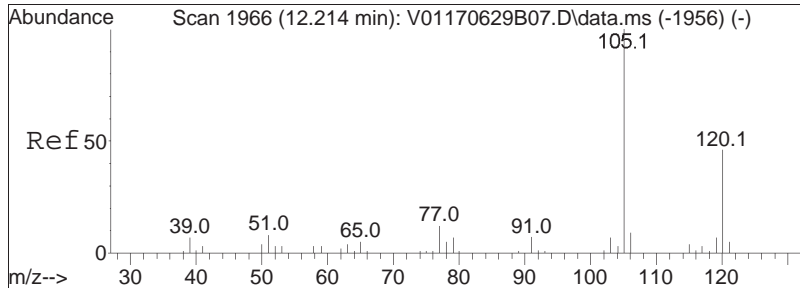




#90
 1,3,5-Trimethylbenzene
 Concen: 3.55 ug/L
 RT: 11.756 min Scan# 1882
 Delta R.T. -0.000 min
 Lab File: V01170717A12.D
 Acq: 17 Jul 2017 14:52

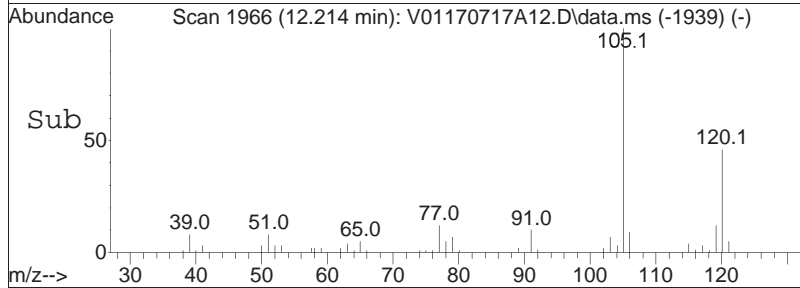
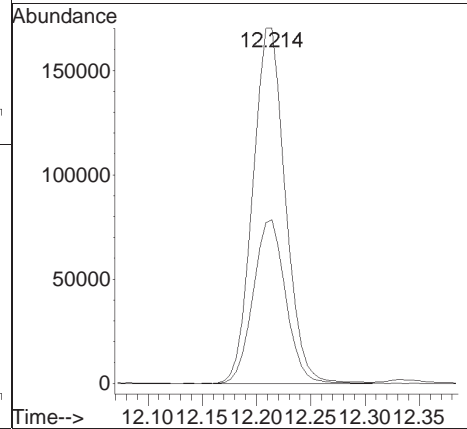
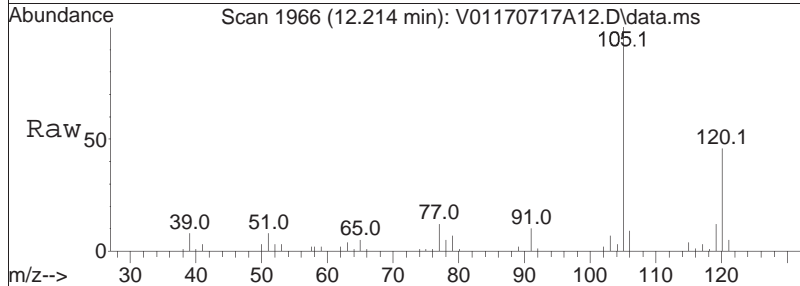
Tgt Ion: 105 Resp: 95778
 Ion Ratio Lower Upper
 105 100
 120 48.7 37.8 56.8

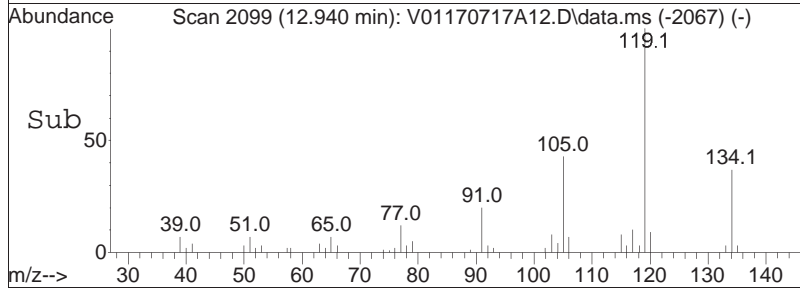
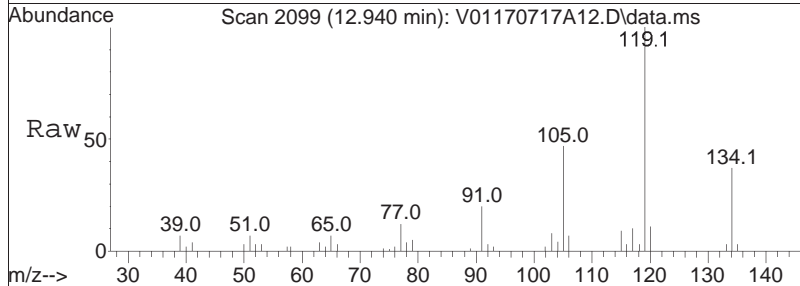
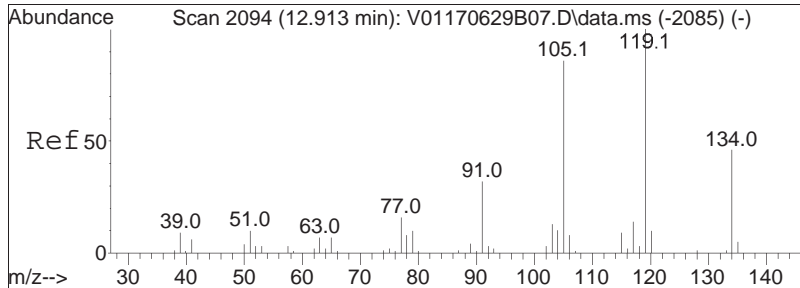




#97
 1,2,4-Trimethylbenzene
 Concen: 13.28 ug/L
 RT: 12.214 min Scan# 1966
 Delta R.T. 0.000 min
 Lab File: V01170717A12.D
 Acq: 17 Jul 2017 14:52

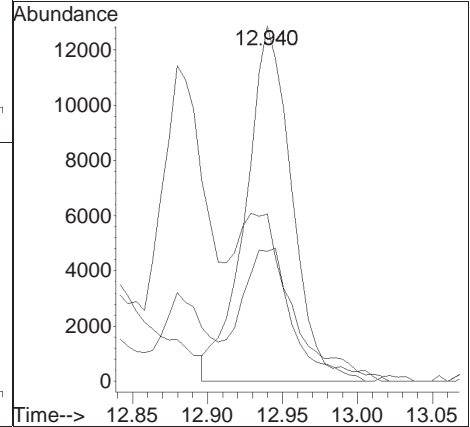
Tgt Ion	Resp	Lower	Upper
105	100		
120	45.9	35.0	52.6

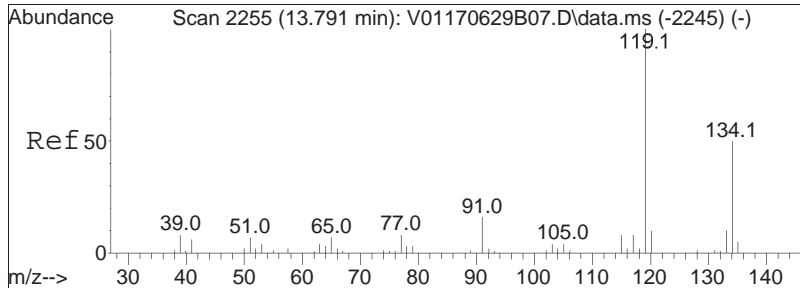




#102
 p-Diethylbenzene
 Concen: 1.83 ug/L
 RT: 12.940 min Scan# 2099
 Delta R.T. 0.027 min
 Lab File: V01170717A12.D
 Acq: 17 Jul 2017 14:52

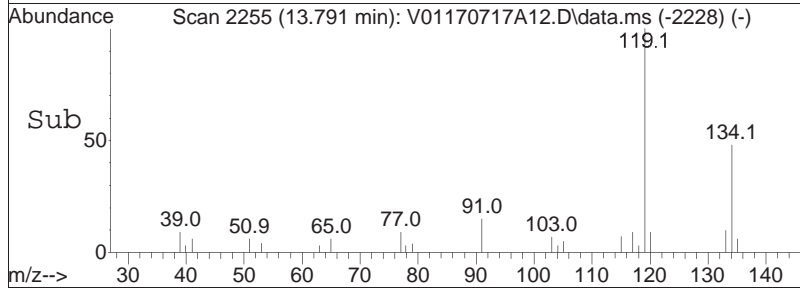
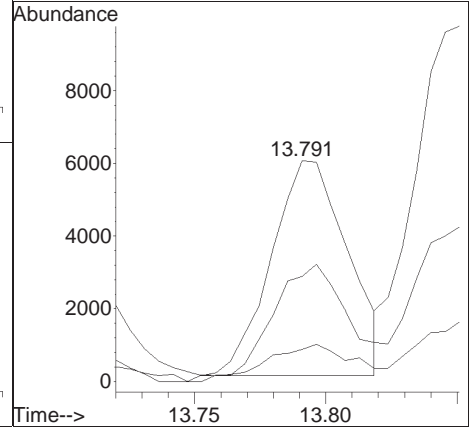
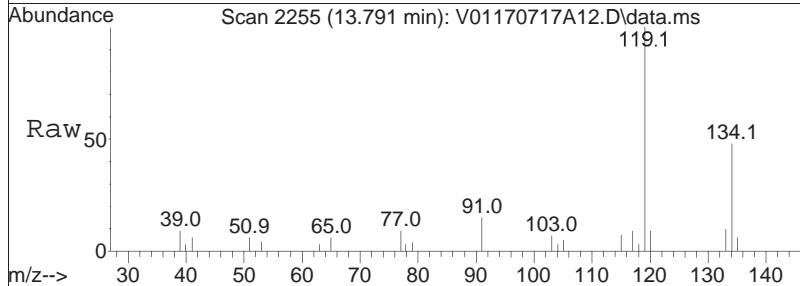
Tgt Ion	Resp	Lower	Upper
119	100		
105	53.1	57.7	119.9#
134	46.2	30.0	62.2

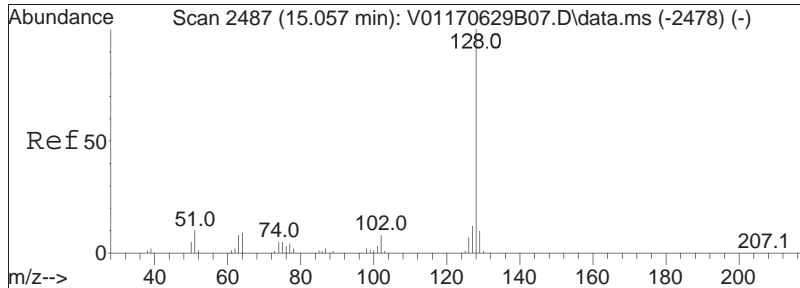




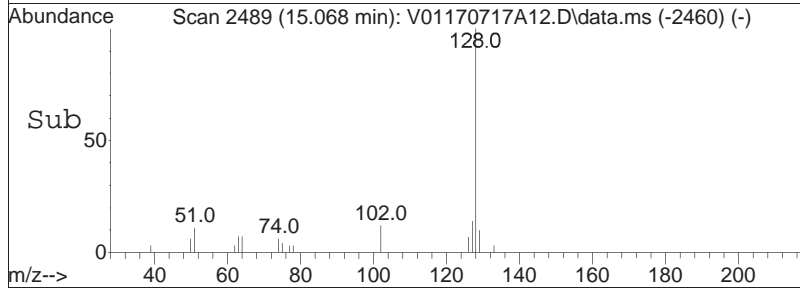
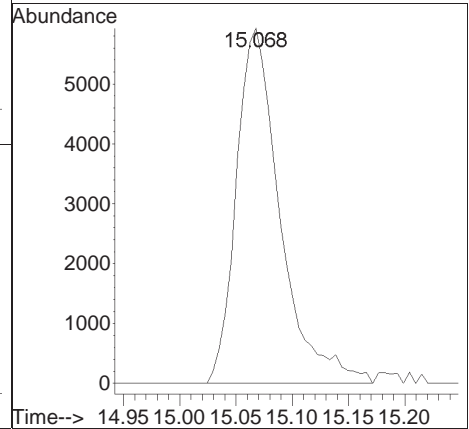
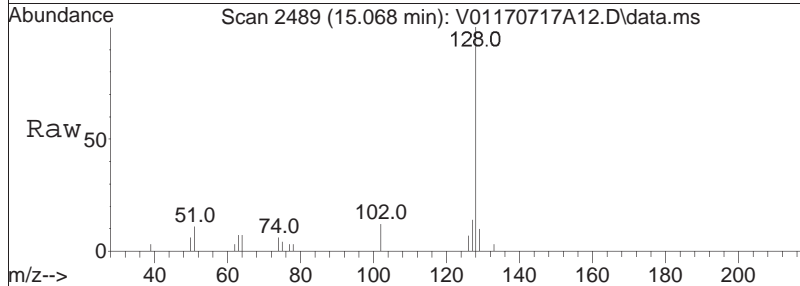
#105
 1,2,4,5-Tetramethylbenzene
 Concen: 0.63 ug/L
 RT: 13.791 min Scan# 2255
 Delta R.T. -0.000 min
 Lab File: V01170717A12.D
 Acq: 17 Jul 2017 14:52

Tgt Ion	Resp	Lower	Upper
119	11930		
119	100		
134	56.6	29.3	60.9
91	20.4	11.8	24.4





#110
 Naphthalene
 Concen: 2.86 ug/L
 RT: 15.068 min Scan# 2489
 Delta R.T. 0.011 min
 Lab File: V01170717A12.D
 Acq: 17 Jul 2017 14:52
 Tgt Ion:128 Resp: 16098



Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2017\1QMethod : V101_170629B_8260.m
Data File : V01170717A12.D Operator : VOA101:PD
Date Inj'd : 7/17/2017 14:52 Instrument : VOA 101
Sample : 11723686-21D,31,0.04,10,,aQuant Date : 7/17/2017 3:25 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2017\170717A\
 Data File : V01170717A13.D
 Acq On : 17 Jul 2017 15:21
 Operator : VOA101:PD
 Sample : 11723686-22D,31,2.5,10,,a
 Misc : WG1023276,ICAL13786
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jul 17 15:47:44 2017
 Quant Method : I:\VOLATILES\VOA101\2017\170717A\V101_170629B_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Fri Jun 30 16:37:53 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2017\170717A\V01170717A02.D
 Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Fluorobenzene	5.956	96	267982	10.000	ug/L	0.00
Standard Area 1 = 290727			Recovery =	92.18%		
59) Chlorobenzene-d5	9.759	117	211845	10.000	ug/L	0.00
Standard Area 1 = 229670			Recovery =	92.24%		
79) 1,4-Dichlorobenzene-d4	12.672	152	112570	10.000	ug/L	0.00
Standard Area 1 = 121874			Recovery =	92.37%		
System Monitoring Compounds						
36) Dibromofluoromethane	5.099	113	65504	10.555	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	105.55%		
43) 1,2-Dichloroethane-d4	5.650	65	82260	11.437	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	114.37%		
60) Toluene-d8	7.762	98	270990	9.563	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	95.63%		
83) 4-Bromofluorobenzene	11.352	95	106506	9.387	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	93.87%		
Target Compounds						
2) Dichlorodifluoromethane	0.000		0		N.D.	
3) Chloromethane	0.000		0		N.D. d	
4) Vinyl chloride	0.000		0		N.D.	
5) Bromomethane	0.000		0		N.D.	
6) Chloroethane	2.114	64	68		N.D.	
7) Trichlorofluoromethane	0.000		0		N.D.	
8) Ethyl ether	0.000		0		N.D.	
10) 1,1-Dichloroethene	0.000		0		N.D.	
11) Carbon disulfide	2.834	76	3170	0.240	ug/L #	84
15) Methylene chloride	3.358	84	765	0.150	ug/L #	62
17) Acetone	3.391	43	90849	115.695	ug/L	93
18) trans-1,2-Dichloroethene	0.000		0		N.D.	
20) Methyl tert-butyl ether	3.604	73	13500	1.288	ug/L #	53
23) 1,1-Dichloroethane	0.000		0		N.D.	
25) Acrylonitrile	0.000		0		N.D. d	
27) Vinyl acetate	0.000		0		N.D.	
28) cis-1,2-Dichloroethene	0.000		0		N.D.	
29) 2,2-Dichloropropane	4.695	77	339		N.D.	
30) Bromochloromethane	0.000		0		N.D.	
32) Chloroform	0.000		0		N.D.	

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2017\170717A\
 Data File : V01170717A13.D
 Acq On : 17 Jul 2017 15:21
 Operator : VOA101:PD
 Sample : 11723686-22D,31,2.5,10,,a
 Misc : WG1023276,ICAL13786
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jul 17 15:47:44 2017
 Quant Method : I:\VOLATILES\VOA101\2017\170717A\V101_170629B_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Fri Jun 30 16:37:53 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2017\170717A\V01170717A02.D
 Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Carbon tetrachloride	0.000		0		N.D.	
37) 1,1,1-Trichloroethane	0.000		0		N.D.	
39) 2-Butanone	5.230	43	18442	12.921	ug/L #	55
40) 1,1-Dichloropropene	0.000		0		N.D.	
41) Benzene	5.508	78	209888	9.006	ug/L #	91
44) 1,2-Dichloroethane	0.000		0		N.D.	
48) Trichloroethene	6.054	95	56		N.D.	
50) Dibromomethane	0.000		0		N.D.	
51) 1,2-Dichloropropane	0.000		0		N.D.	
54) Bromodichloromethane	0.000		0		N.D.	
57) 1,4-Dioxane	0.000		0		N.D.	
58) cis-1,3-Dichloropropene	0.000		0		N.D.	
61) Toluene	7.822	92	282862	18.004	ug/L	96
62) 4-Methyl-2-pentanone	0.000		0		N.D. d	
63) Tetrachloroethene	0.000		0		N.D.	
65) trans-1,3-Dichloropropene	0.000		0		N.D.	
68) 1,1,2-Trichloroethane	0.000		0		N.D. d	
69) Chlorodibromomethane	0.000		0		N.D.	
70) 1,3-Dichloropropane	0.000		0		N.D.	
71) 1,2-Dibromoethane	0.000		0		N.D.	
72) 2-Hexanone	0.000		0		N.D. d	
73) Chlorobenzene	0.000		0		N.D.	
74) Ethylbenzene	9.824	91	96374	3.108	ug/L	97
75) 1,1,1,2-Tetrachloroethane	0.000		0		N.D.	
76) p/m Xylene	10.021	106	792093	65.975	ug/L	87
77) o Xylene	10.593	106	465146	42.276	ug/L	88
78) Styrene	0.000		0		N.D. d	
80) Bromoform	0.000		0		N.D.	
82) Isopropylbenzene	11.003	105	12253	0.355	ug/L	96
84) Bromobenzene	0.000		0		N.D.	
85) n-Propylbenzene	11.516	91	38176	0.937	ug/L	97
87) 1,1,2,2-Tetrachloroethane	0.000		0		N.D.	
88) 4-Ethyltoluene	11.630	105	419387	13.032	ug/L	97
89) 2-Chlorotoluene	0.000		0		N.D. d	
90) 1,3,5-Trimethylbenzene	11.756	105	325706	12.070	ug/L	96
91) 1,2,3-Trichloropropane	0.000		0		N.D. d	
92) trans-1,4-Dichloro-2-b...	0.000		0		N.D. d	
93) 4-Chlorotoluene	0.000		0		N.D. d	
94) tert-Butylbenzene	0.000		0		N.D. d	

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2017\170717A\
 Data File : V01170717A13.D
 Acq On : 17 Jul 2017 15:21
 Operator : VOA101:PD
 Sample : 11723686-22D,31,2.5,10,,a
 Misc : WG1023276,ICAL13786
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jul 17 15:47:44 2017
 Quant Method : I:\VOLATILES\VOA101\2017\170717A\V101_170629B_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Fri Jun 30 16:37:53 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2017\170717A\V01170717A02.D
 Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97) 1,2,4-Trimethylbenzene	12.209	105	510477	19.096	ug/L	97
98) sec-Butylbenzene	0.000		0	N.D.	d	
99) p-Isopropyltoluene	0.000		0	N.D.	d	
100) 1,3-Dichlorobenzene	12.689	146	107	N.D.		
101) 1,4-Dichlorobenzene	12.689	146	107	N.D.		
102) p-Diethylbenzene	0.000		0	N.D.	d	
103) n-Butylbenzene	0.000		0	N.D.	d	
104) 1,2-Dichlorobenzene	0.000		0	N.D.		
105) 1,2,4,5-Tetramethylben...	13.791	119	141825	7.462	ug/L	90
106) 1,2-Dibromo-3-chloropr...	0.000		0	N.D.		
108) Hexachlorobutadiene	0.000		0	N.D.		
109) 1,2,4-Trichlorobenzene	0.000		0	N.D.		
110) Naphthalene	15.068	128	13961	2.481	ug/L	100
111) 1,2,3-Trichlorobenzene	0.000		0	N.D.		

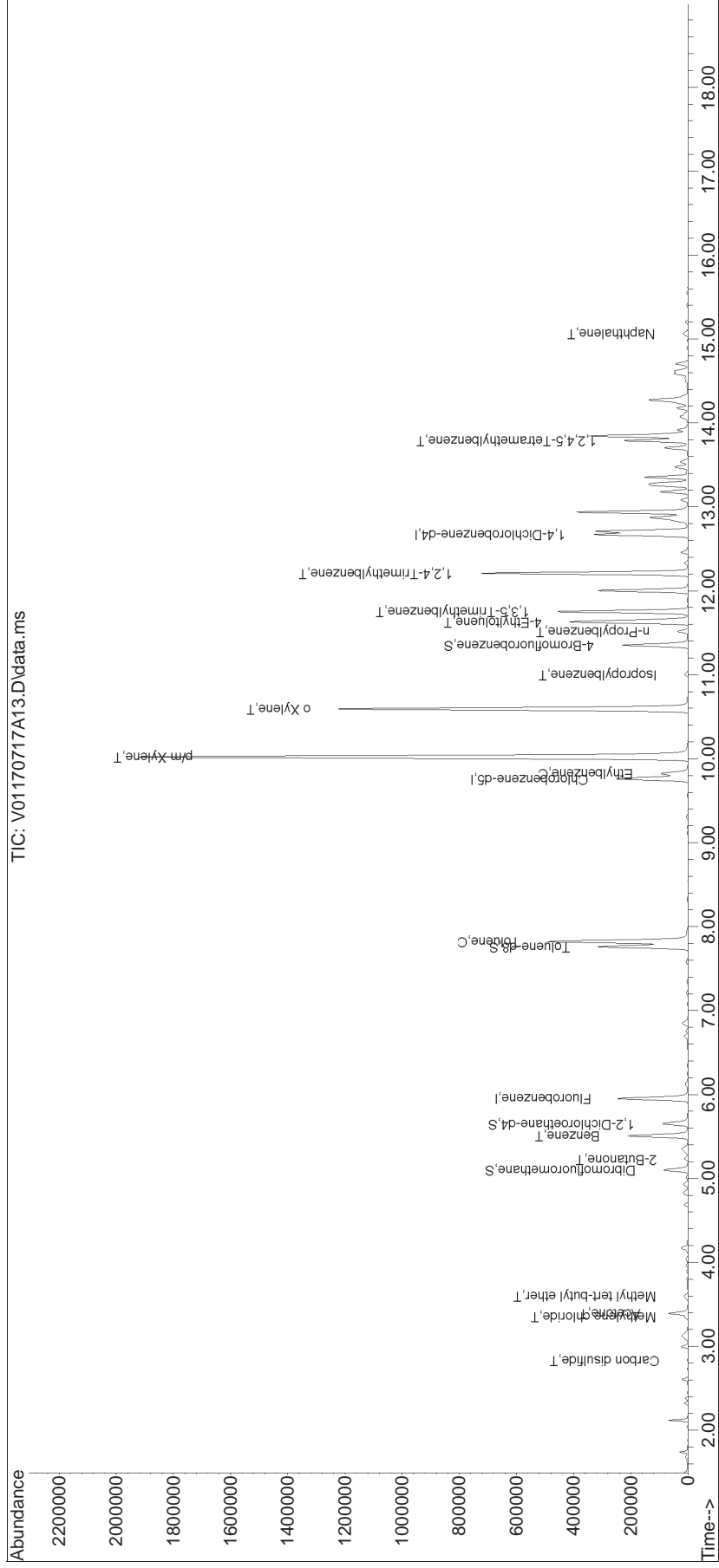
(#) = qualifier out of range (m) = manual integration (+) = signals summed

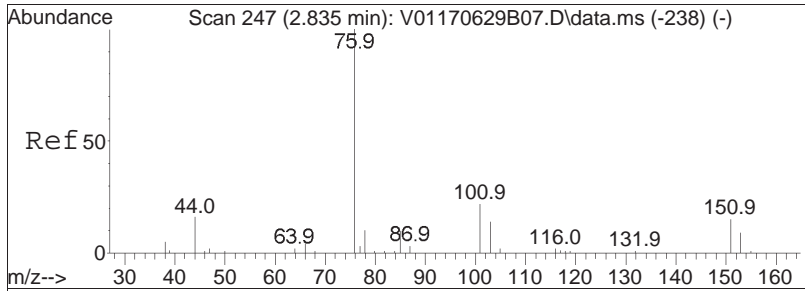
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2017\170717A\
 Data File : V01170717A13.D
 Acq On : 17 Jul 2017 15:21
 Operator : VOA101:PD
 Sample : 11723686-22D,31,2.5,10,,a
 Misc : WG1023276,ICAL13786
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jul 17 15:47:44 2017
 Quant Method : I:\VOLATILES\VOA101\2017\170717A\V101_170629B_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Fri Jun 30 16:37:53 2017
 Response via : Initial Calibration

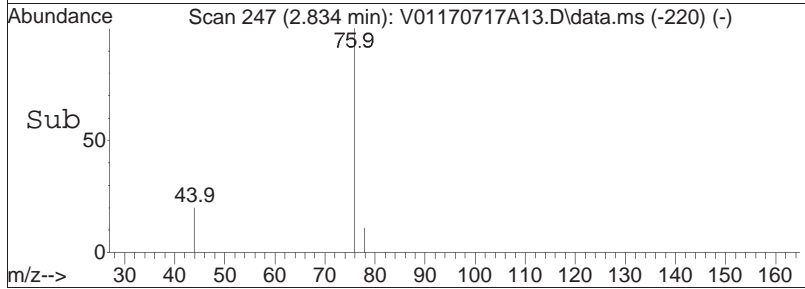
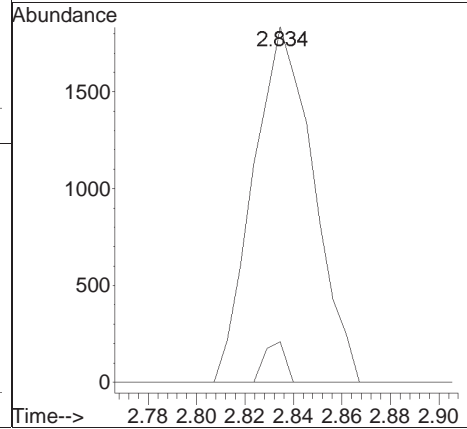
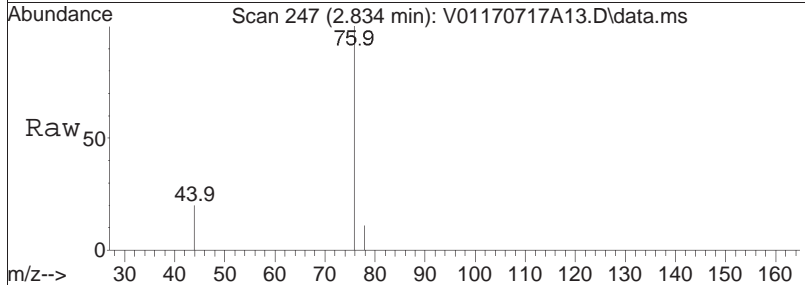
Sub List : 8260-NYTCL - Megamix plus Diox70717A\V01170717A02.D•

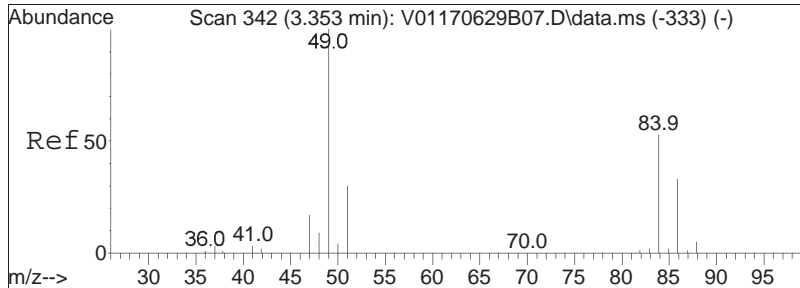




#11
 Carbon disulfide
 Concen: 0.24 ug/L
 RT: 2.834 min Scan# 247
 Delta R.T. -0.001 min
 Lab File: V01170717A13.D
 Acq: 17 Jul 2017 15:21

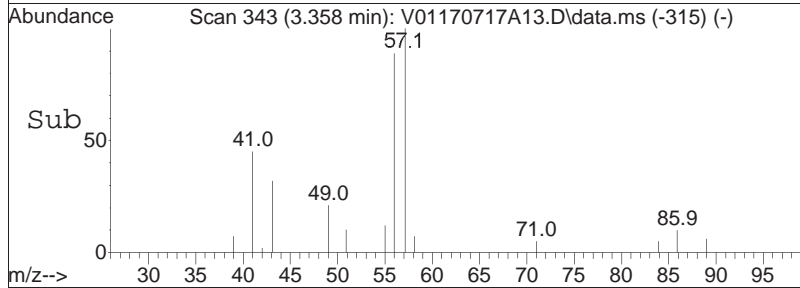
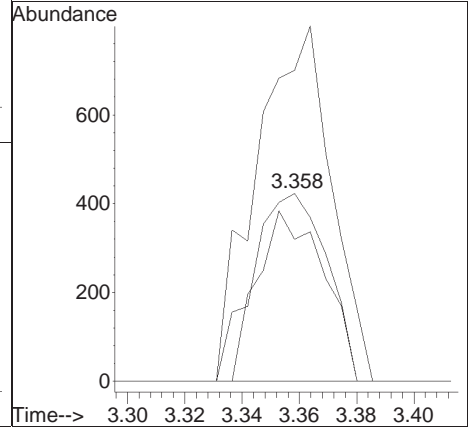
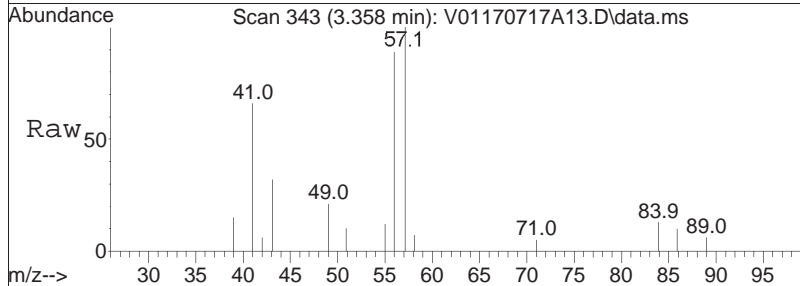
Tgt Ion: 76 Resp: 3170
 Ion Ratio Lower Upper
 76 100
 78 4.0 6.3 13.1#

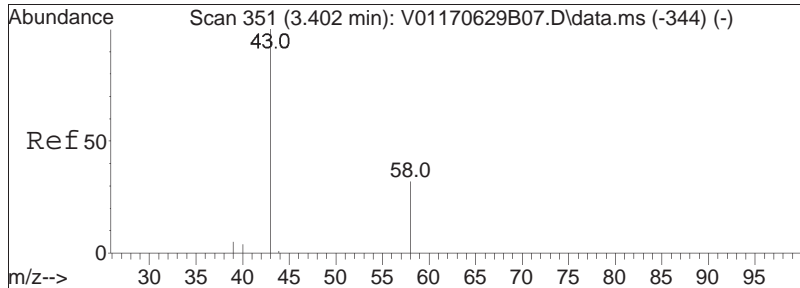




#15
 Methylene chloride
 Concen: 0.15 ug/L
 RT: 3.358 min Scan# 343
 Delta R.T. 0.005 min
 Lab File: V01170717A13.D
 Acq: 17 Jul 2017 15:21

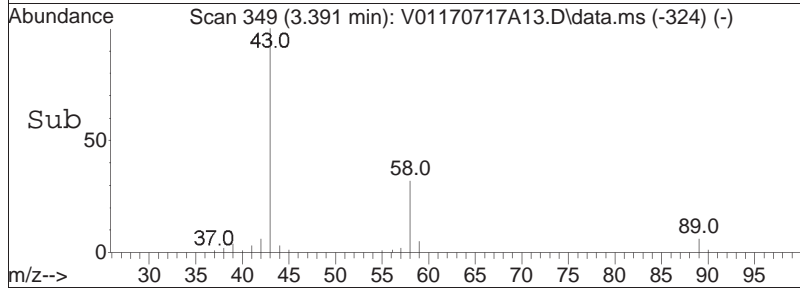
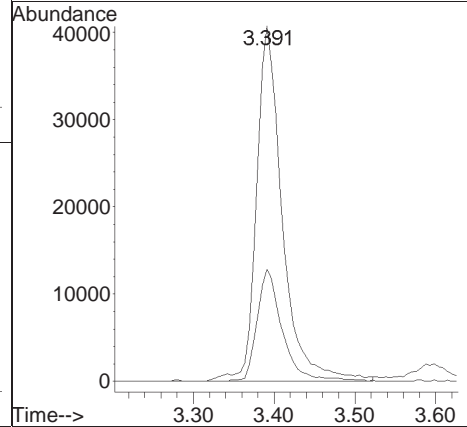
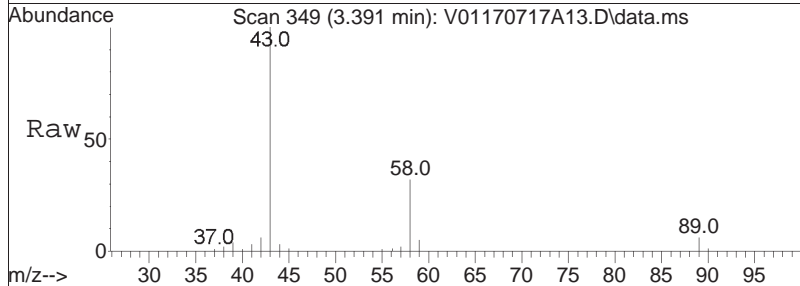
Tgt Ion:	84	Resp:	765
Ion Ratio	Lower	Upper	
84	100		
86	80.8	41.0	85.2
49	190.2	88.5	183.9#

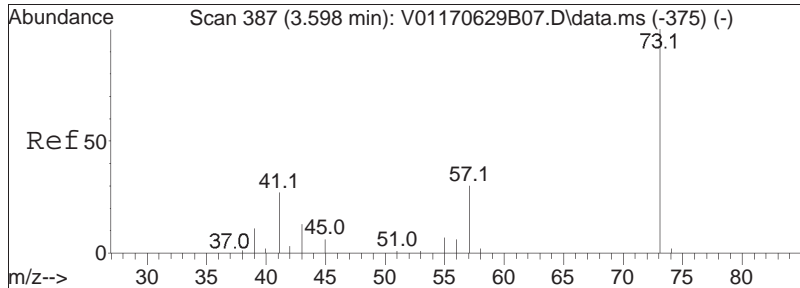




#17
 Acetone
 Concen: 115.70 ug/L
 RT: 3.391 min Scan# 349
 Delta R.T. -0.011 min
 Lab File: V01170717A13.D
 Acq: 17 Jul 2017 15:21

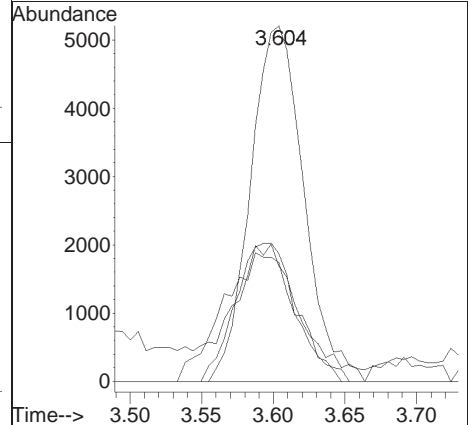
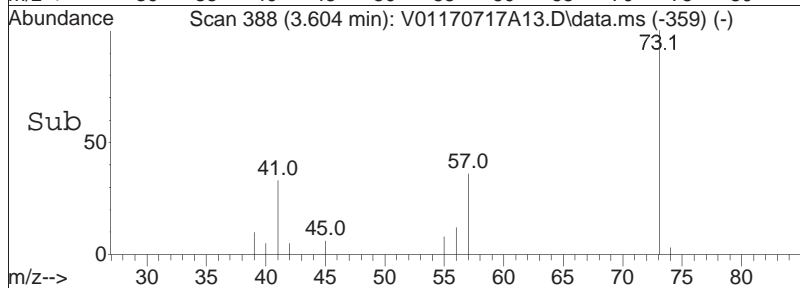
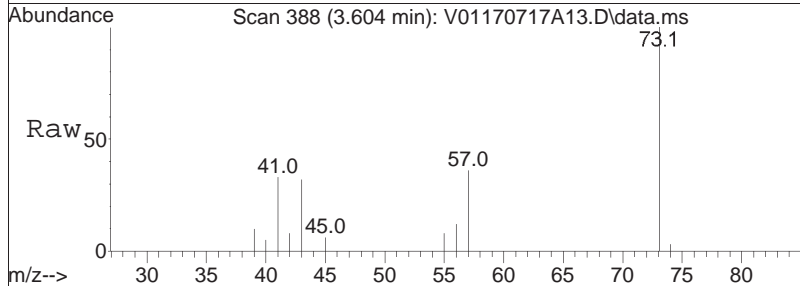
Tgt Ion	Resp	Lower	Upper
43	100		
58	30.8	21.8	32.6

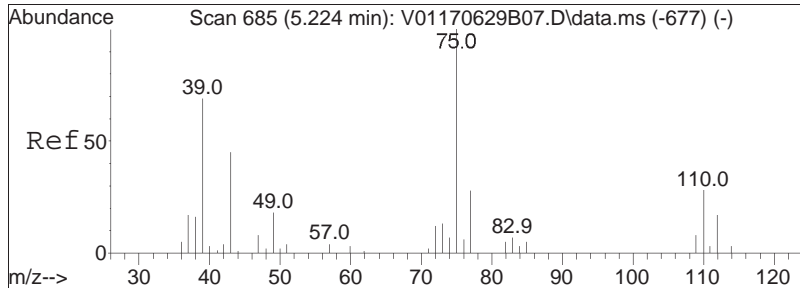




#20
 Methyl tert-butyl ether
 Concen: 1.29 ug/L
 RT: 3.604 min Scan# 388
 Delta R.T. 0.006 min
 Lab File: V01170717A13.D
 Acq: 17 Jul 2017 15:21

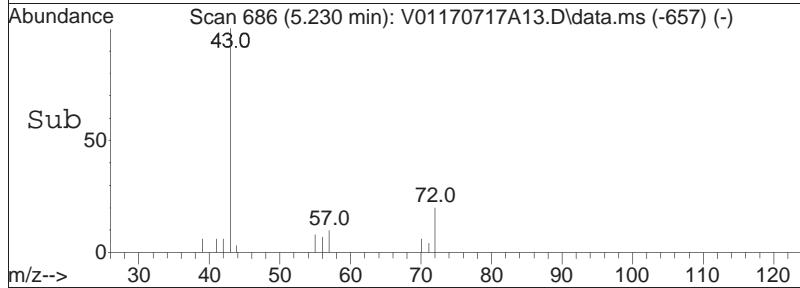
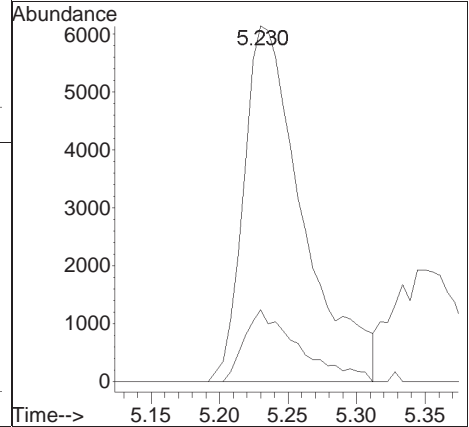
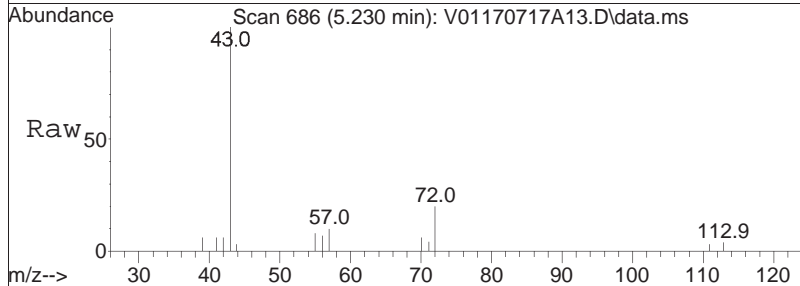
Tgt Ion	Resp	Lower	Upper
73	13500		
57	44.3	13.8	28.8#
43	39.0	14.8	30.8#
41	48.6	13.8	28.6#

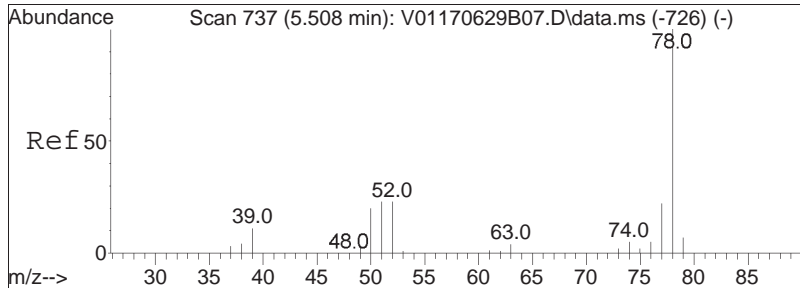




#39
 2-Butanone
 Concen: 12.92 ug/L
 RT: 5.230 min Scan# 686
 Delta R.T. 0.006 min
 Lab File: V01170717A13.D
 Acq: 17 Jul 2017 15:21

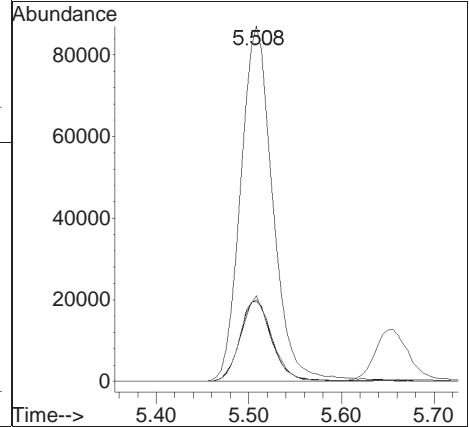
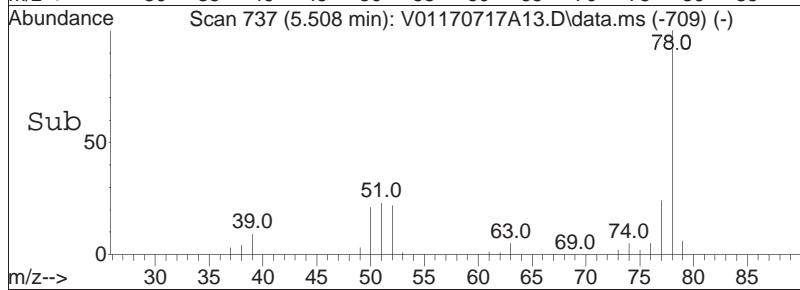
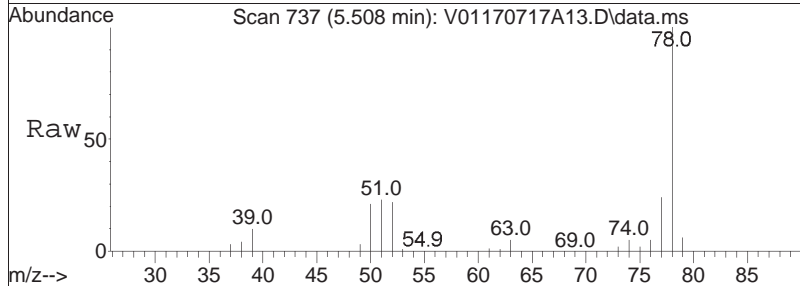
Tgt Ion: 43 Resp: 18442
 Ion Ratio Lower Upper
 43 100
 72 18.6 39.5 59.3#

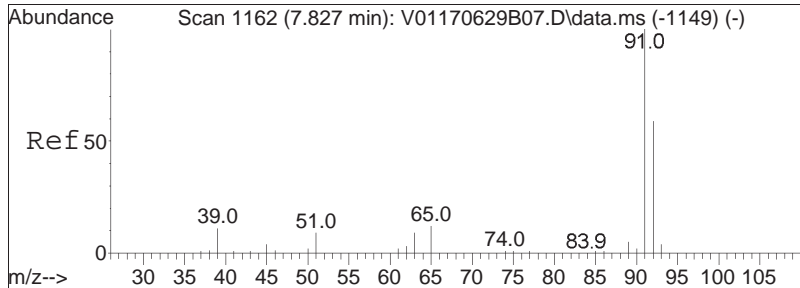




#41
Benzene
Concen: 9.01 ug/L
RT: 5.508 min Scan# 737
Delta R.T. 0.000 min
Lab File: V01170717A13.D
Acq: 17 Jul 2017 15:21

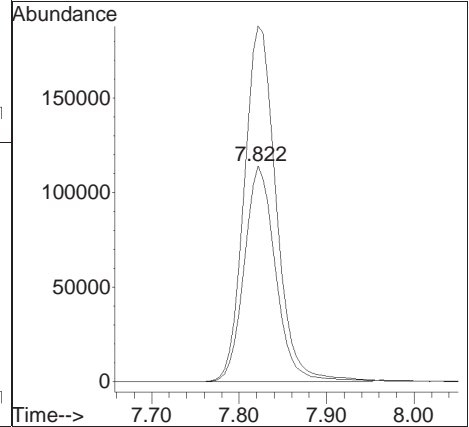
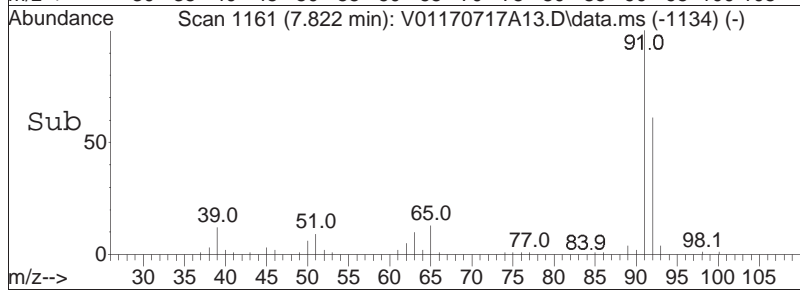
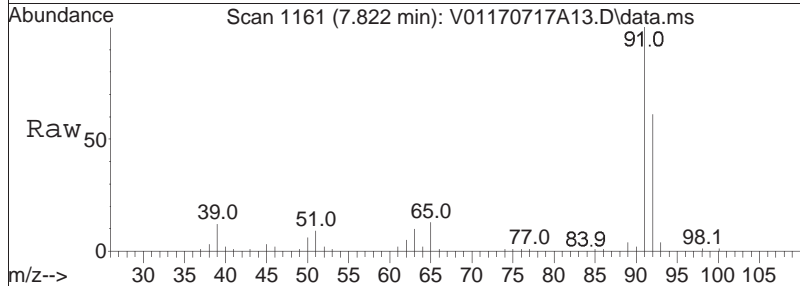
Tgt Ion	Resp	Lower	Upper
78	209888		
77	23.5	15.3	31.9
51	22.8	10.9	22.5#
52	22.5	10.1	20.9#

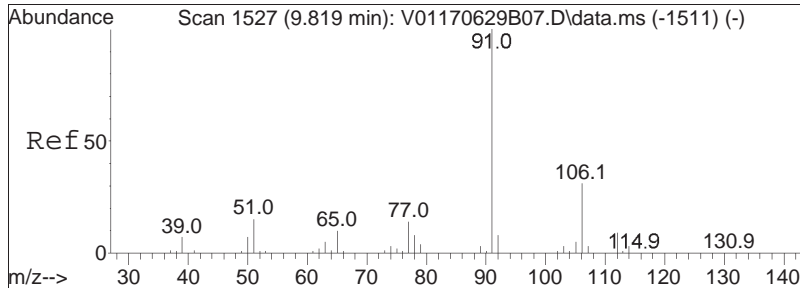




#61
 Toluene
 Concen: 18.00 ug/L
 RT: 7.822 min Scan# 1161
 Delta R.T. -0.005 min
 Lab File: V01170717A13.D
 Acq: 17 Jul 2017 15:21

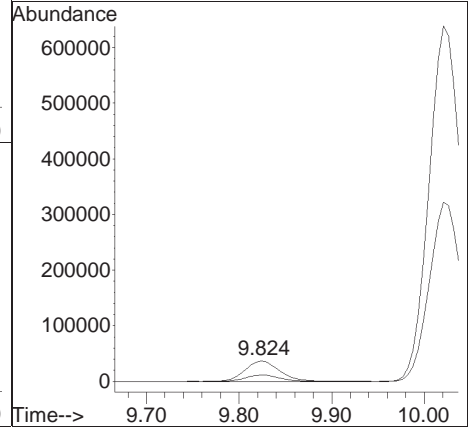
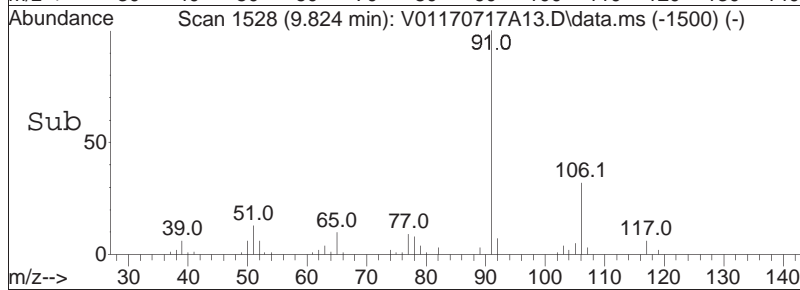
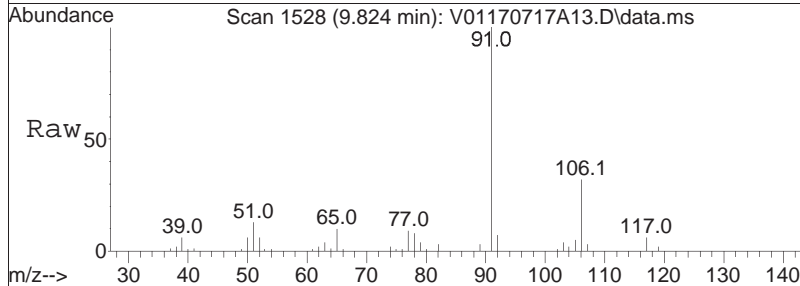
Tgt Ion: 92 Resp: 282862
 Ion Ratio Lower Upper
 92 100
 91 168.1 138.6 207.8

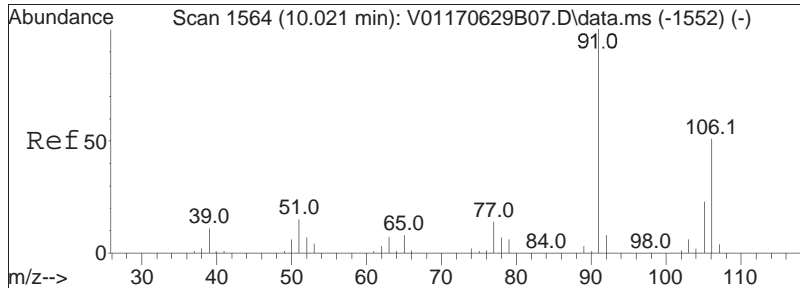




#74
 Ethylbenzene
 Concen: 3.11 ug/L
 RT: 9.824 min Scan# 1528
 Delta R.T. 0.005 min
 Lab File: V01170717A13.D
 Acq: 17 Jul 2017 15:21

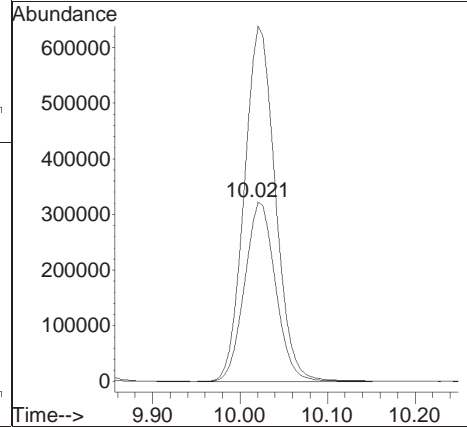
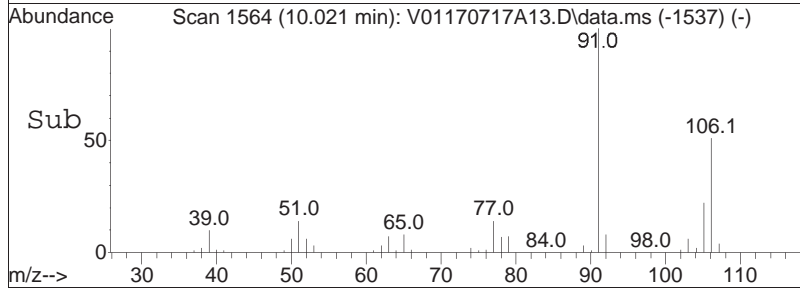
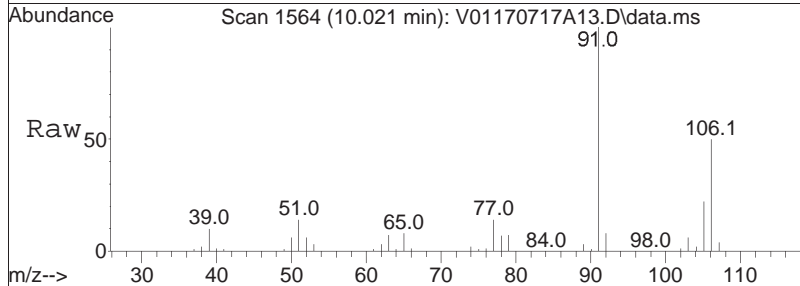
Tgt Ion: 91 Resp: 96374
 Ion Ratio Lower Upper
 91 100
 106 31.2 23.5 35.3

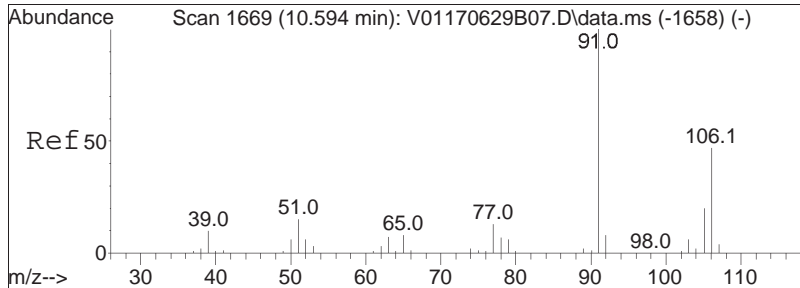




#76
 p/m Xylene
 Concen: 65.97 ug/L
 RT: 10.021 min Scan# 1564
 Delta R.T. -0.000 min
 Lab File: V01170717A13.D
 Acq: 17 Jul 2017 15:21

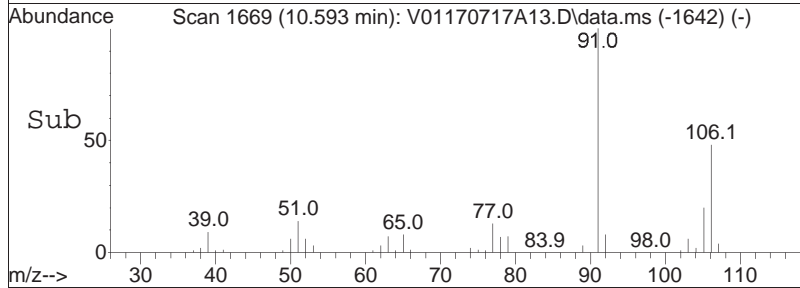
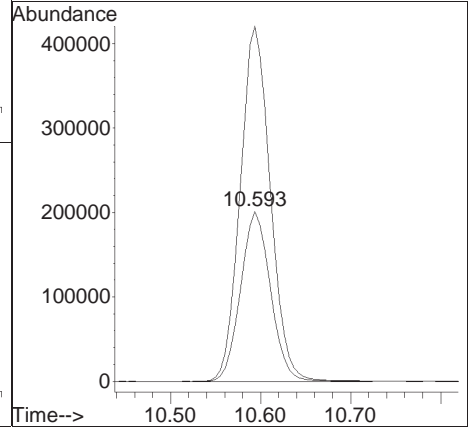
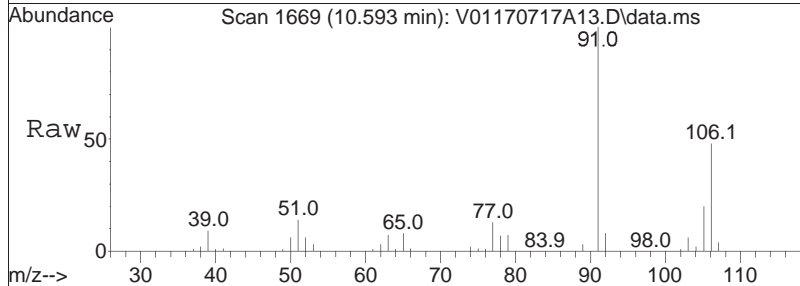
Tgt Ion:	106	Resp:	792093
Ion Ratio	Lower	Upper	
106	100		
91	198.2	174.8	262.2

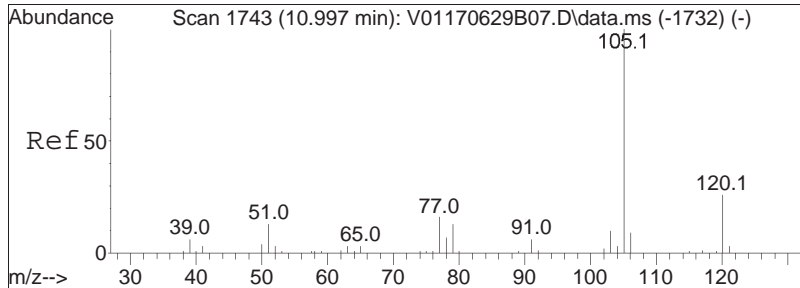




#77
 o Xylene
 Concen: 42.28 ug/L
 RT: 10.593 min Scan# 1669
 Delta R.T. -0.001 min
 Lab File: V01170717A13.D
 Acq: 17 Jul 2017 15:21

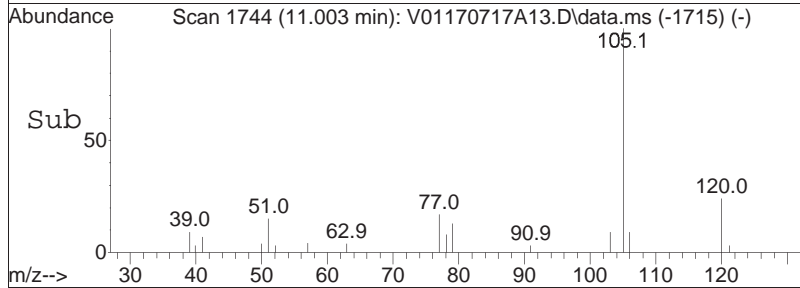
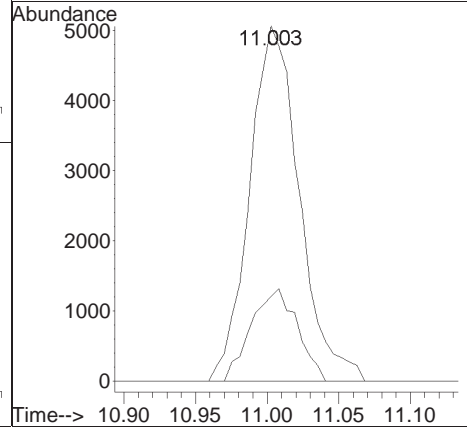
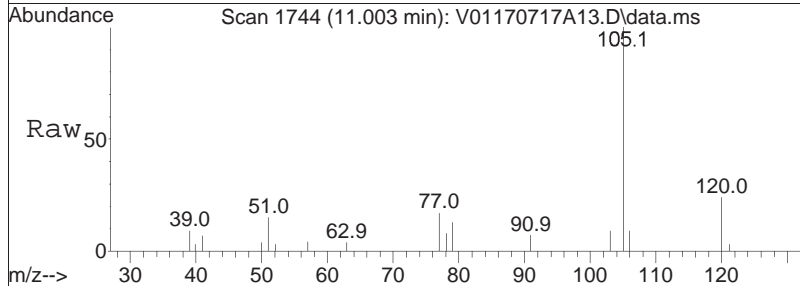
Tgt Ion	Resp	Lower	Upper
106	100		
91	210.1	184.5	276.7

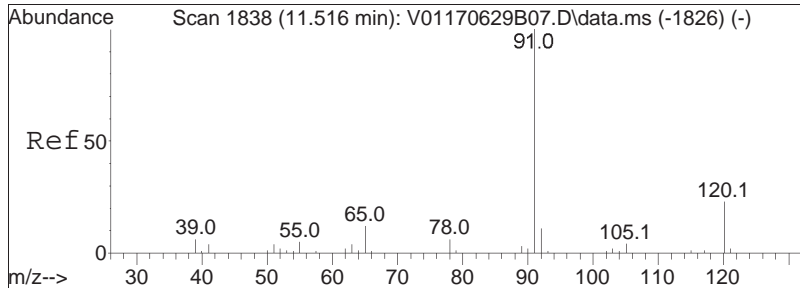




#82
 Isopropylbenzene
 Concen: 0.35 ug/L
 RT: 11.003 min Scan# 1744
 Delta R.T. 0.006 min
 Lab File: V01170717A13.D
 Acq: 17 Jul 2017 15:21

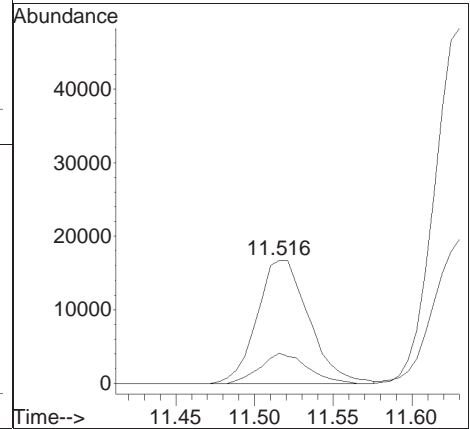
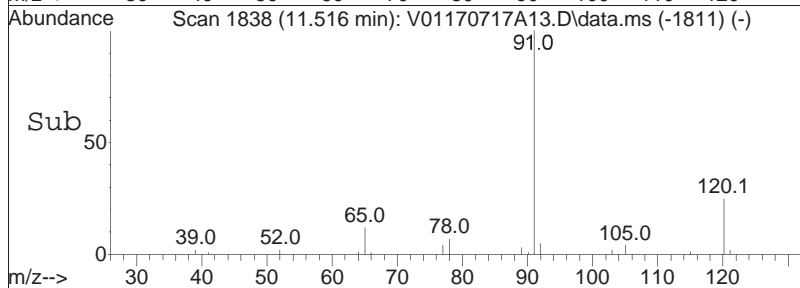
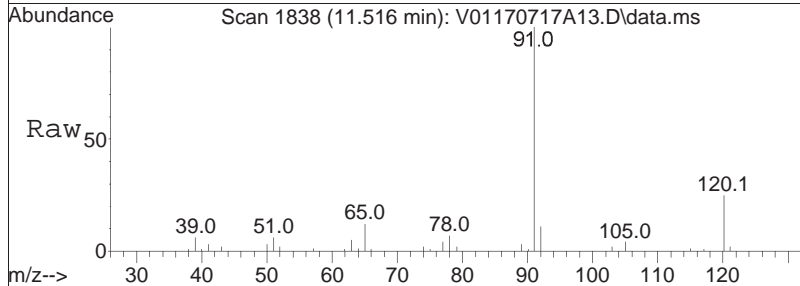
Tgt Ion:105 Resp: 12253
 Ion Ratio Lower Upper
 105 100
 120 24.2 6.1 46.1

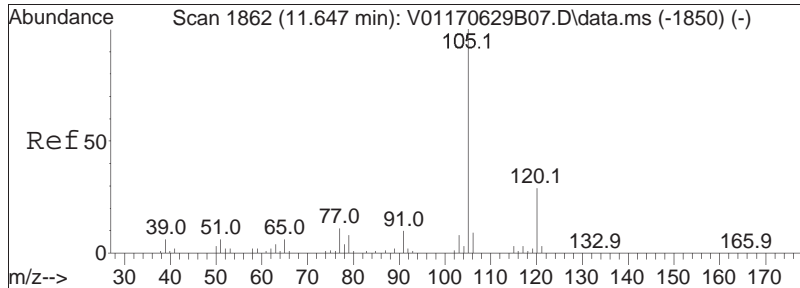




#85
 n-Propylbenzene
 Concen: 0.94 ug/L
 RT: 11.516 min Scan# 1838
 Delta R.T. -0.000 min
 Lab File: V01170717A13.D
 Acq: 17 Jul 2017 15:21

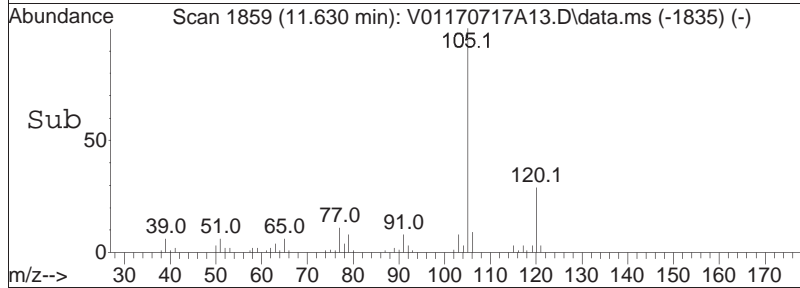
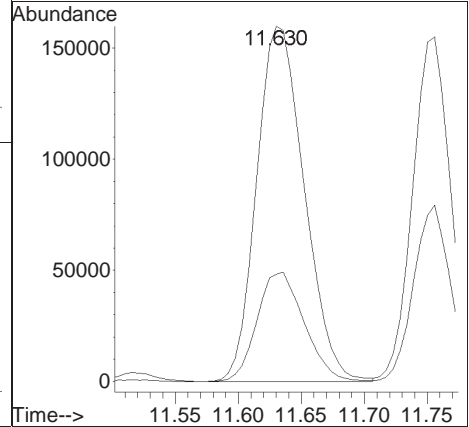
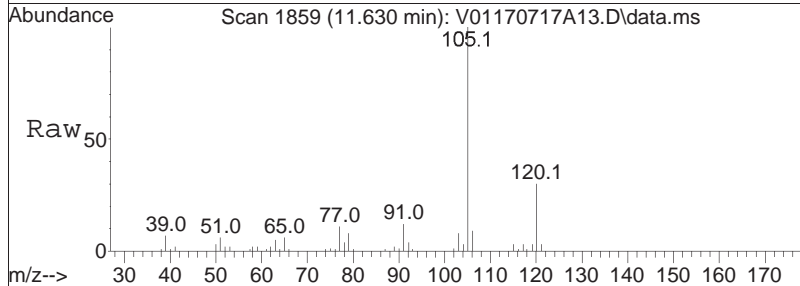
Tgt Ion: 91 Resp: 38176
 Ion Ratio Lower Upper
 91 100
 120 22.3 16.6 25.0

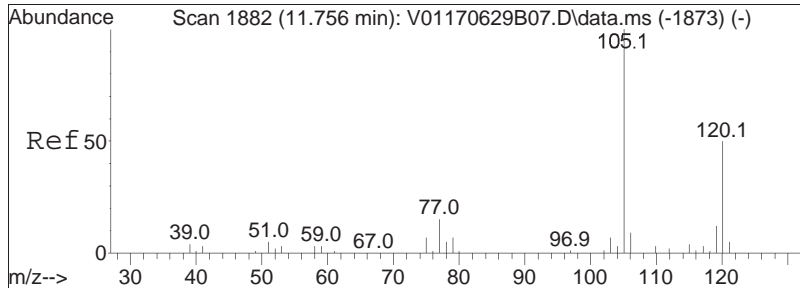




#88
 4-Ethyltoluene
 Concen: 13.03 ug/L
 RT: 11.630 min Scan# 1859
 Delta R.T. -0.017 min
 Lab File: V01170717A13.D
 Acq: 17 Jul 2017 15:21

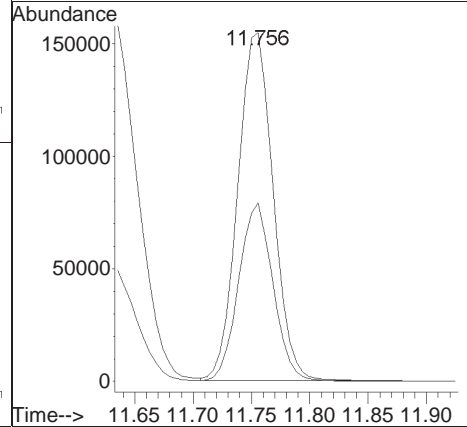
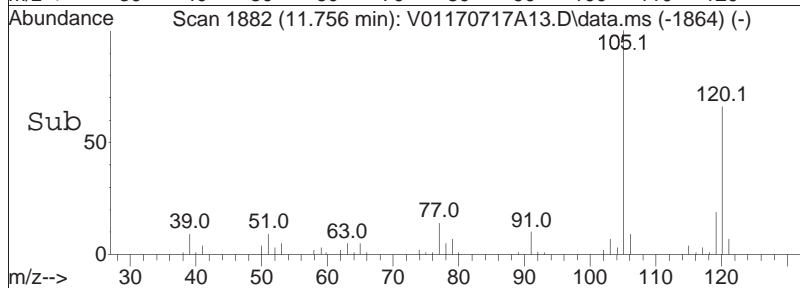
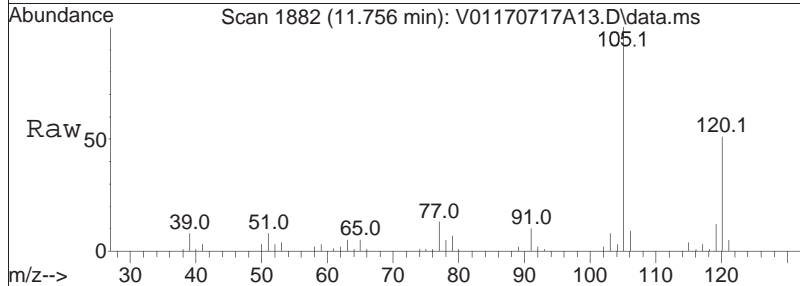
Tgt Ion	Resp	Lower	Upper
105	100		
120	30.4	18.9	39.1

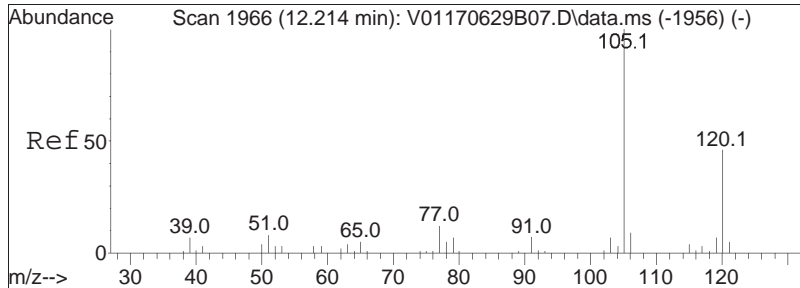




#90
 1,3,5-Trimethylbenzene
 Concen: 12.07 ug/L
 RT: 11.756 min Scan# 1882
 Delta R.T. -0.000 min
 Lab File: V01170717A13.D
 Acq: 17 Jul 2017 15:21

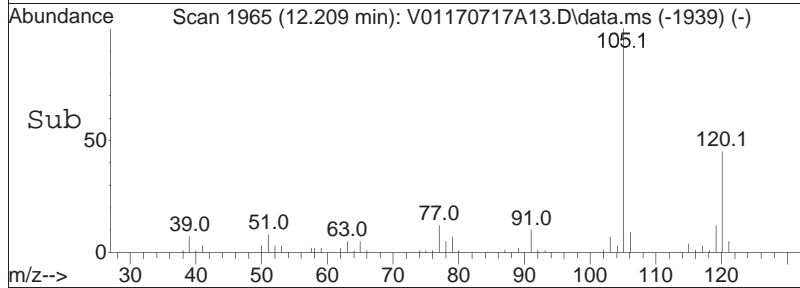
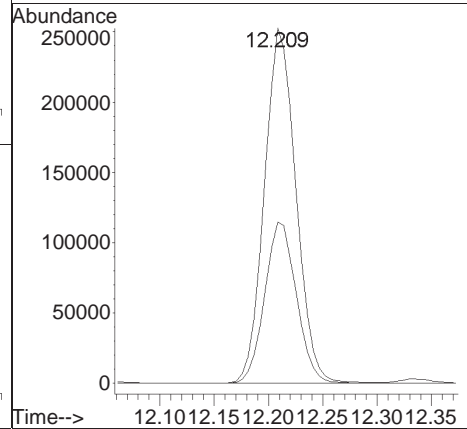
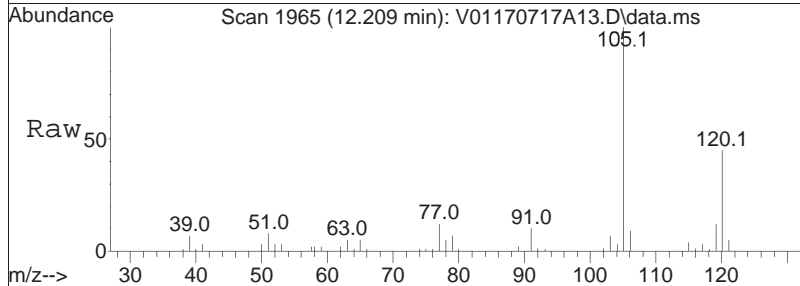
Tgt Ion	Resp	Lower	Upper
105	100		
120	50.1	37.8	56.8

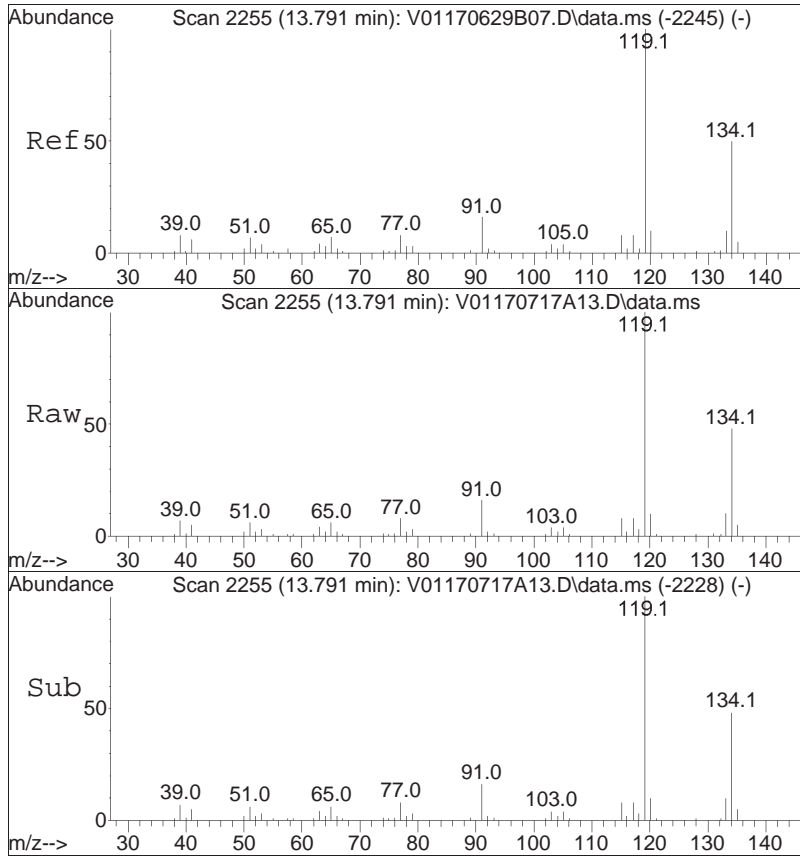




#97
 1,2,4-Trimethylbenzene
 Concen: 19.10 ug/L
 RT: 12.209 min Scan# 1965
 Delta R.T. -0.005 min
 Lab File: V01170717A13.D
 Acq: 17 Jul 2017 15:21

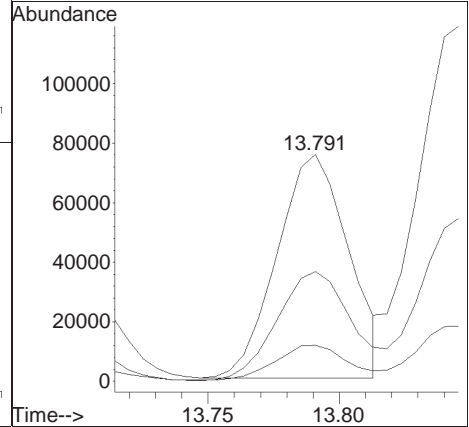
Tgt Ion:	105	Resp:	510477
Ion Ratio	Lower	Upper	
105	100		
120	45.7	35.0	52.6

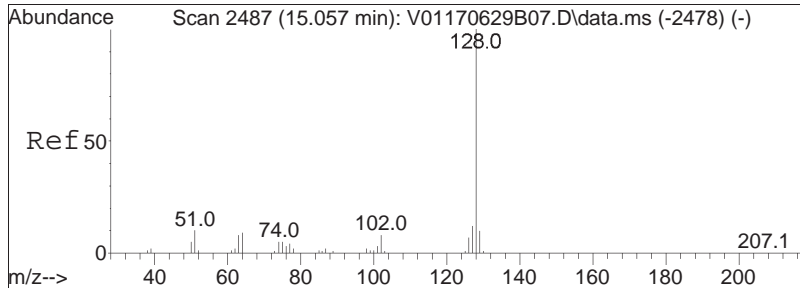




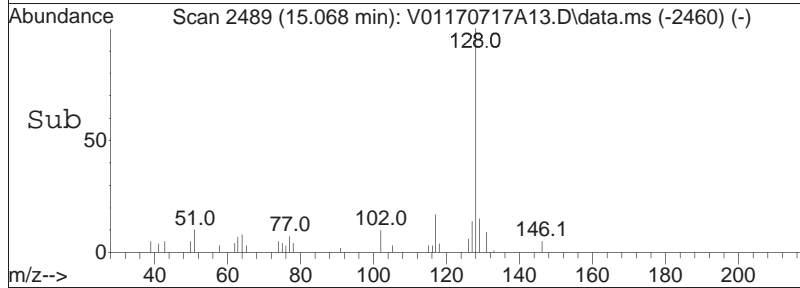
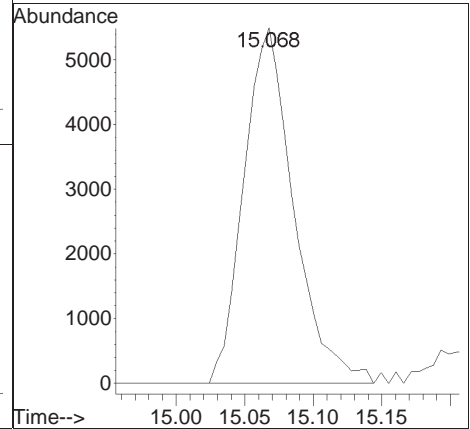
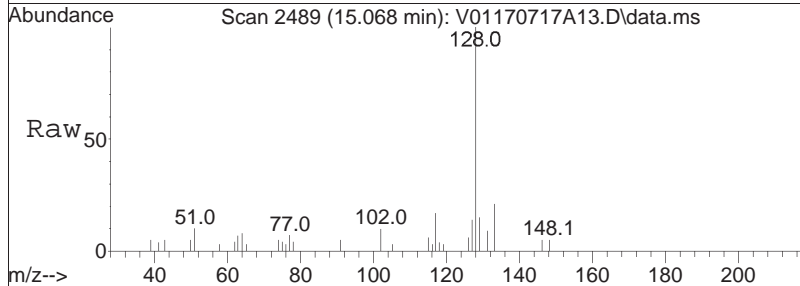
#105
 1,2,4,5-Tetramethylbenzene
 Concen: 7.46 ug/L
 RT: 13.791 min Scan# 2255
 Delta R.T. -0.000 min
 Lab File: V01170717A13.D
 Acq: 17 Jul 2017 15:21

Tgt Ion	Resp	Lower	Upper
119	141825		
119	100		
134	52.6	29.3	60.9
91	15.5	11.8	24.4





#110
 Naphthalene
 Concen: 2.48 ug/L
 RT: 15.068 min Scan# 2489
 Delta R.T. 0.011 min
 Lab File: V01170717A13.D
 Acq: 17 Jul 2017 15:21
 Tgt Ion:128 Resp: 13961



Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2017\1QMethod : V101_170629B_8260.m
Data File : V01170717A13.D Operator : VOA101:PD
Date Inj'd : 7/17/2017 15:21 Instrument : VOA 101
Sample : 11723686-22D,31,2.5,10,,a Quant Date : 7/17/2017 3:45 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2017\170717A\
 Data File : V01170717A15.D
 Acq On : 17 Jul 2017 16:18
 Operator : VOA101:PD
 Sample : 11723686-24,31,10,10,,a
 Misc : WG1023276,ICAL13786
 ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jul 17 16:49:38 2017
 Quant Method : I:\VOLATILES\VOA101\2017\170717A\V101_170629B_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Fri Jun 30 16:37:53 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2017\170717A\V01170717A02.D
 Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	

Internal Standards							
1) Fluorobenzene	5.950	96	266993	10.000	ug/L	0.00	
Standard Area 1 = 290727			Recovery =	91.84%			
59) Chlorobenzene-d5	9.764	117	210674	10.000	ug/L	0.00	
Standard Area 1 = 229670			Recovery =	91.73%			
79) 1,4-Dichlorobenzene-d4	12.672	152	106866	10.000	ug/L	0.00	
Standard Area 1 = 121874			Recovery =	87.69%			
System Monitoring Compounds							
36) Dibromofluoromethane	5.099	113	68643	11.101	ug/L	0.00	
Spiked Amount 10.000	Range 70 - 130		Recovery =	111.01%			
43) 1,2-Dichloroethane-d4	5.656	65	83823	11.697	ug/L	0.00	
Spiked Amount 10.000	Range 70 - 130		Recovery =	116.97%			
60) Toluene-d8	7.762	98	272712	9.677	ug/L	0.00	
Spiked Amount 10.000	Range 70 - 130		Recovery =	96.77%			
83) 4-Bromofluorobenzene	11.352	95	103166	9.578	ug/L	0.00	
Spiked Amount 10.000	Range 70 - 130		Recovery =	95.78%			
Target Compounds							
2) Dichlorodifluoromethane	0.000		0		N.D.		
3) Chloromethane	0.000		0		N.D.	d	
4) Vinyl chloride	0.000		0		N.D.		
5) Bromomethane	0.000		0		N.D.		
6) Chloroethane	2.114	64	100		N.D.		
7) Trichlorofluoromethane	0.000		0		N.D.		
8) Ethyl ether	0.000		0		N.D.		
10) 1,1-Dichloroethene	0.000		0		N.D.		
11) Carbon disulfide	2.835	76	4266	0.324	ug/L	91	
15) Methylene chloride	3.358	84	60		N.D.		
17) Acetone	3.402	43	2042	2.610	ug/L	93	
18) trans-1,2-Dichloroethene	0.000		0		N.D.		
20) Methyl tert-butyl ether	3.604	73	1450	0.139	ug/L #	1	
23) 1,1-Dichloroethane	0.000		0		N.D.		
25) Acrylonitrile	0.000		0		N.D.		
27) Vinyl acetate	0.000		0		N.D.		
28) cis-1,2-Dichloroethene	0.000		0		N.D.		
29) 2,2-Dichloropropane	0.000		0		N.D.		
30) Bromochloromethane	0.000		0		N.D.		
32) Chloroform	4.919	83	979	0.103	ug/L #	80	

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2017\170717A\
 Data File : V01170717A15.D
 Acq On : 17 Jul 2017 16:18
 Operator : VOA101:PD
 Sample : 11723686-24,31,10,10,,a
 Misc : WG1023276,ICAL13786
 ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jul 17 16:49:38 2017
 Quant Method : I:\VOLATILES\VOA101\2017\170717A\V101_170629B_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Fri Jun 30 16:37:53 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2017\170717A\V01170717A02.D
 Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Carbon tetrachloride	0.000		0		N.D.	
37) 1,1,1-Trichloroethane	0.000		0		N.D.	
39) 2-Butanone	0.000		0		N.D. d	
40) 1,1-Dichloropropene	0.000		0		N.D.	
41) Benzene	5.508	78	56168	2.419	ug/L #	91
44) 1,2-Dichloroethane	0.000		0		N.D.	
48) Trichloroethene	0.000		0		N.D.	
50) Dibromomethane	0.000		0		N.D.	
51) 1,2-Dichloropropane	0.000		0		N.D.	
54) Bromodichloromethane	0.000		0		N.D.	
57) 1,4-Dioxane	0.000		0		N.D.	
58) cis-1,3-Dichloropropene	0.000		0		N.D.	
61) Toluene	7.827	92	88775	5.682	ug/L	97
62) 4-Methyl-2-pentanone	0.000		0		N.D.	
63) Tetrachloroethene	0.000		0		N.D.	
65) trans-1,3-Dichloropropene	0.000		0		N.D.	
68) 1,1,2-Trichloroethane	0.000		0		N.D.	
69) Chlorodibromomethane	0.000		0		N.D.	
70) 1,3-Dichloropropane	0.000		0		N.D.	
71) 1,2-Dibromoethane	0.000		0		N.D.	
72) 2-Hexanone	0.000		0		N.D.	
73) Chlorobenzene	0.000		0		N.D.	
74) Ethylbenzene	9.830	91	20888	0.677	ug/L	99
75) 1,1,1,2-Tetrachloroethane	0.000		0		N.D.	
76) p/m Xylene	10.032	106	22427	1.878	ug/L	96
77) o Xylene	10.604	106	9489	0.867	ug/L	89
78) Styrene	10.599	104	224		N.D.	
80) Bromoform	0.000		0		N.D.	
82) Isopropylbenzene	11.003	105	1158		N.D.	
84) Bromobenzene	0.000		0		N.D.	
85) n-Propylbenzene	11.527	91	2216		N.D.	
87) 1,1,2,2-Tetrachloroethane	0.000		0		N.D.	
88) 4-Ethyltoluene	11.641	105	12158	0.398	ug/L	100
89) 2-Chlorotoluene	11.761	91	69		N.D.	
90) 1,3,5-Trimethylbenzene	11.767	105	3525	0.138	ug/L	94
91) 1,2,3-Trichloropropane	0.000		0		N.D.	
92) trans-1,4-Dichloro-2-b...	0.000		0		N.D.	
93) 4-Chlorotoluene	11.783	91	55		N.D.	
94) tert-Butylbenzene	12.220	119	862		N.D.	

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2017\170717A\
 Data File : V01170717A15.D
 Acq On : 17 Jul 2017 16:18
 Operator : VOA101:PD
 Sample : 11723686-24,31,10,10,,a
 Misc : WG1023276,ICAL13786
 ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jul 17 16:49:38 2017
 Quant Method : I:\VOLATILES\VOA101\2017\170717A\V101_170629B_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Fri Jun 30 16:37:53 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2017\170717A\V01170717A02.D
 Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97) 1,2,4-Trimethylbenzene	12.220	105	9431	0.372	ug/L	98
98) sec-Butylbenzene	12.334	105	416		N.D.	
99) p-Isopropyltoluene	12.503	119	53		N.D.	
100) 1,3-Dichlorobenzene	12.689	146	54		N.D.	
101) 1,4-Dichlorobenzene	12.689	146	54		N.D.	
102) p-Diethylbenzene	12.874	119	50		N.D.	
103) n-Butylbenzene	13.000	91	184		N.D.	
104) 1,2-Dichlorobenzene	0.000		0		N.D.	
105) 1,2,4,5-Tetramethylben...	0.000		0		N.D. d	
106) 1,2-Dibromo-3-chloropr...	0.000		0		N.D.	
108) Hexachlorobutadiene	0.000		0		N.D.	
109) 1,2,4-Trichlorobenzene	0.000		0		N.D.	
110) Naphthalene	0.000		0		N.D. d	
111) 1,2,3-Trichlorobenzene	0.000		0		N.D.	

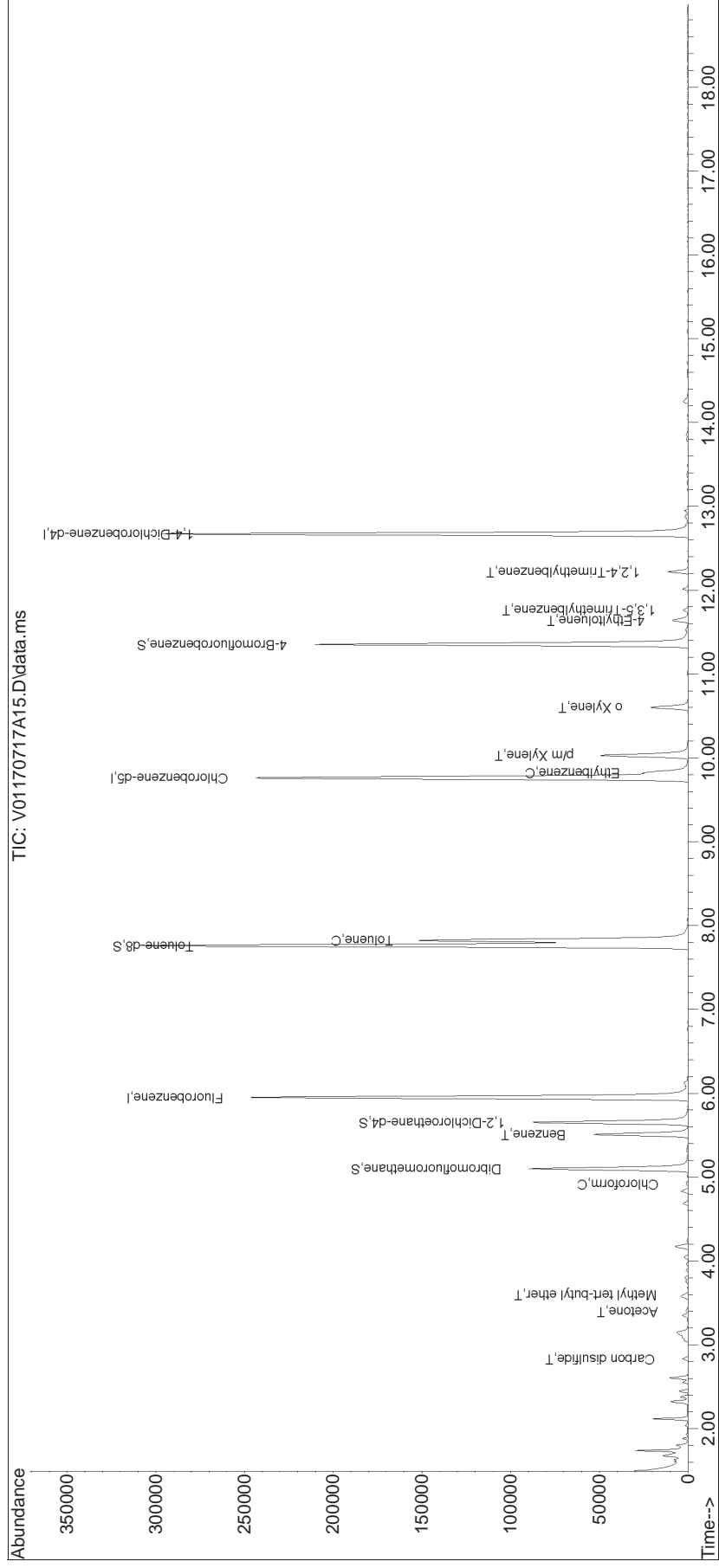
(#) = qualifier out of range (m) = manual integration (+) = signals summed

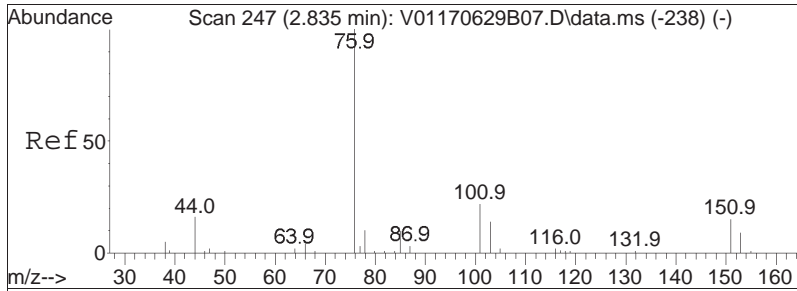
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2017\170717A\
Data File : V01170717A15.D
Acq On : 17 Jul 2017 16:18
Operator : VOA101:PD
Sample : 11723686-24,31,10,10,,a
Misc : WG1023276,ICAL13786
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jul 17 16:49:38 2017
Quant Method : I:\VOLATILES\VOA101\2017\170717A\VOA101_170629B_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jun 30 16:37:53 2017
Response via : Initial Calibration

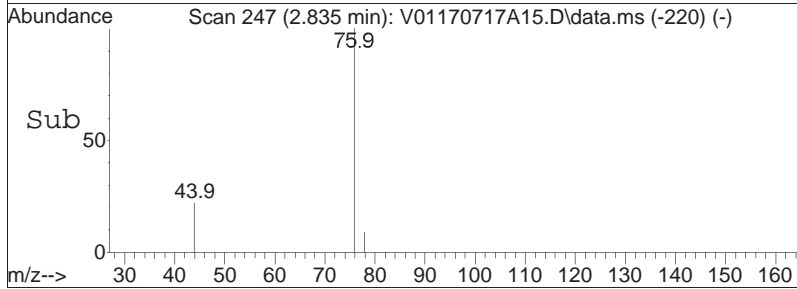
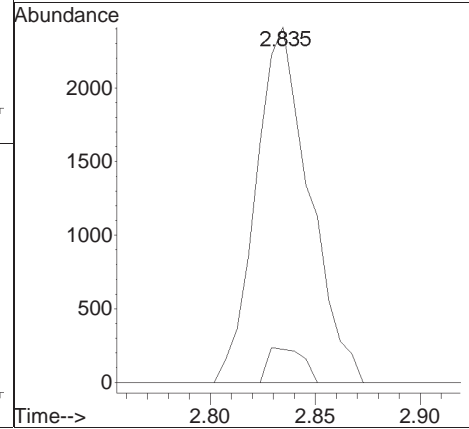
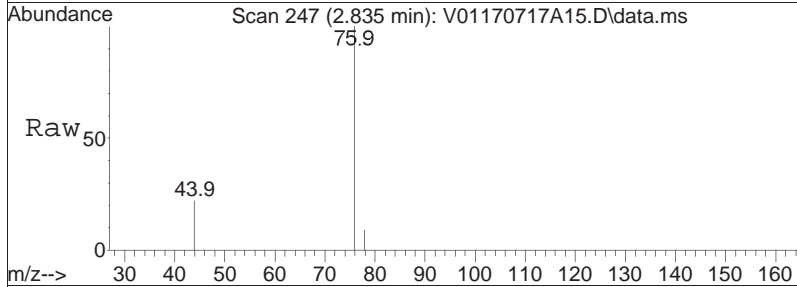
Sub List : 8260-NYTCL - Megamix plus Diox70717A\V01170717A02.D•

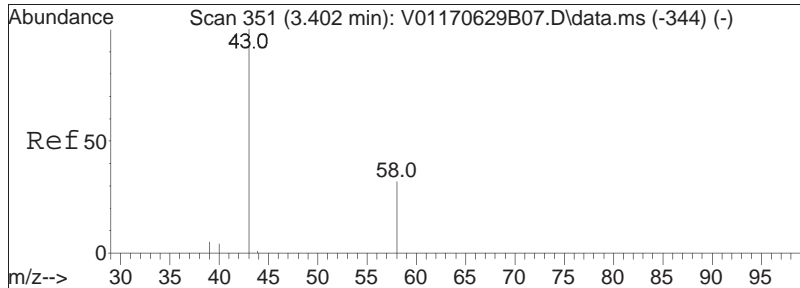




#11
 Carbon disulfide
 Concen: 0.32 ug/L
 RT: 2.835 min Scan# 247
 Delta R.T. -0.000 min
 Lab File: V01170717A15.D
 Acq: 17 Jul 2017 16:18

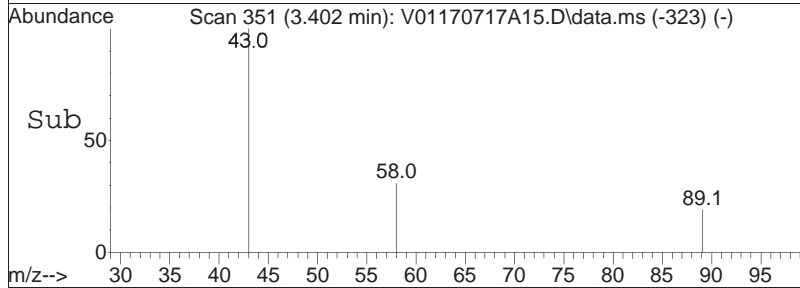
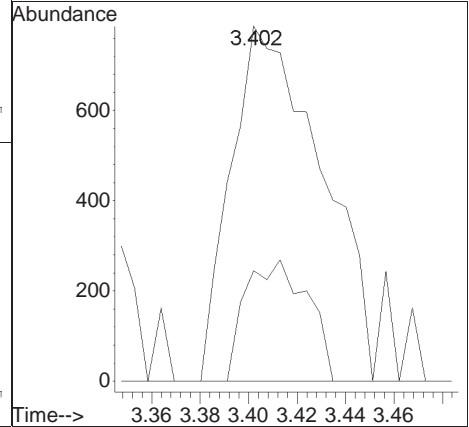
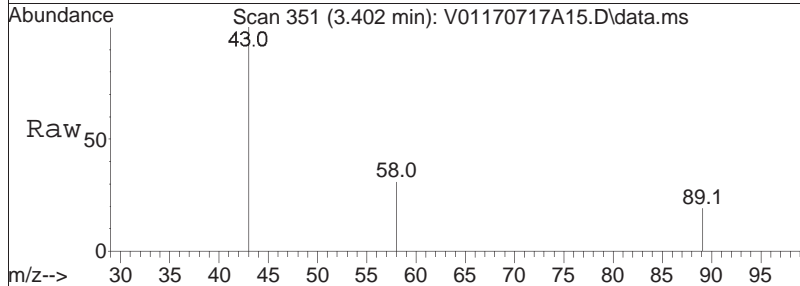
Tgt Ion: 76 Resp: 4266
 Ion Ratio Lower Upper
 76 100
 78 6.4 6.3 13.1

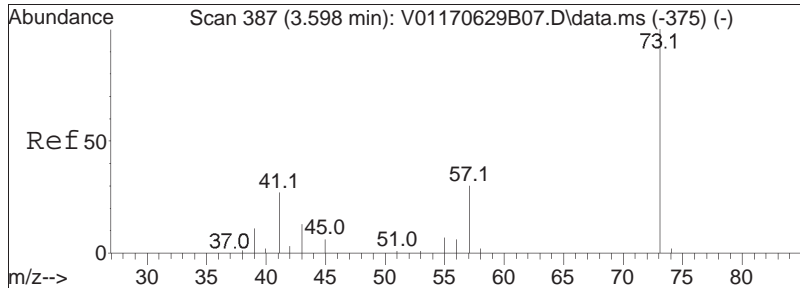




#17
 Acetone
 Concen: 2.61 ug/L
 RT: 3.402 min Scan# 351
 Delta R.T. 0.000 min
 Lab File: V01170717A15.D
 Acq: 17 Jul 2017 16:18

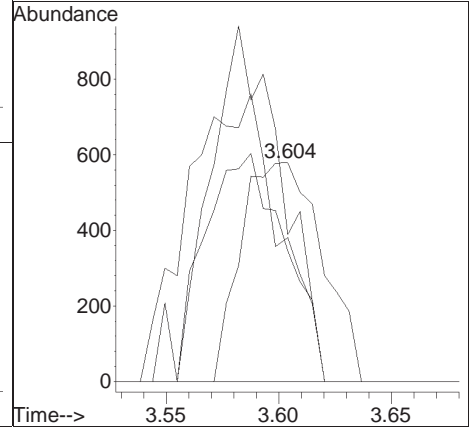
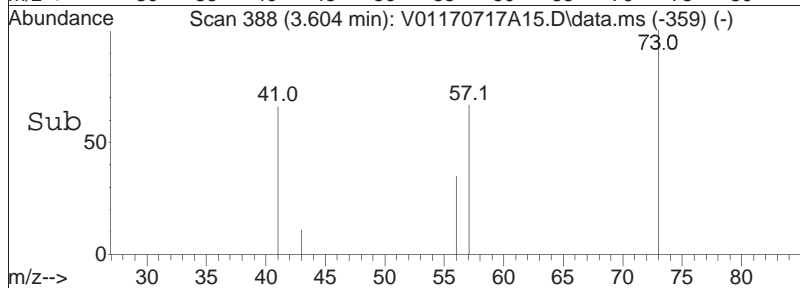
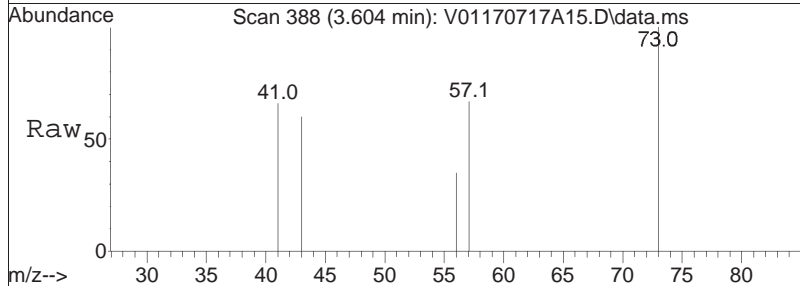
Tgt Ion: 43 Resp: 2042
 Ion Ratio Lower Upper
 43 100
 58 23.4 21.8 32.6

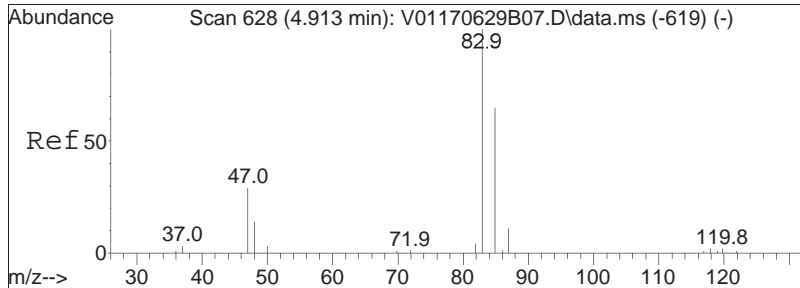




#20
 Methyl tert-butyl ether
 Concen: 0.14 ug/L
 RT: 3.604 min Scan# 388
 Delta R.T. 0.006 min
 Lab File: V01170717A15.D
 Acq: 17 Jul 2017 16:18

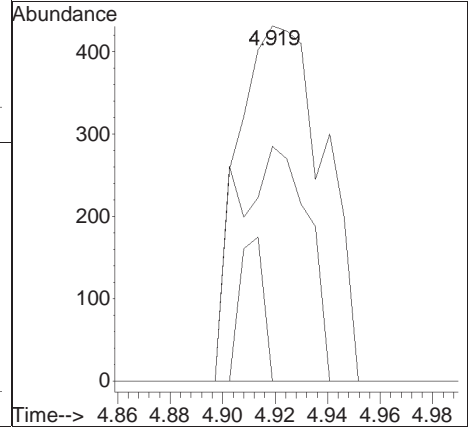
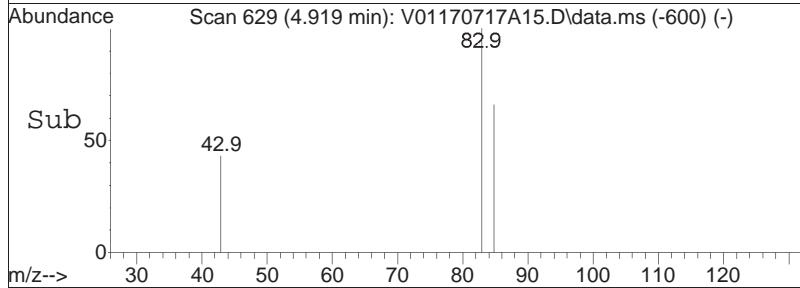
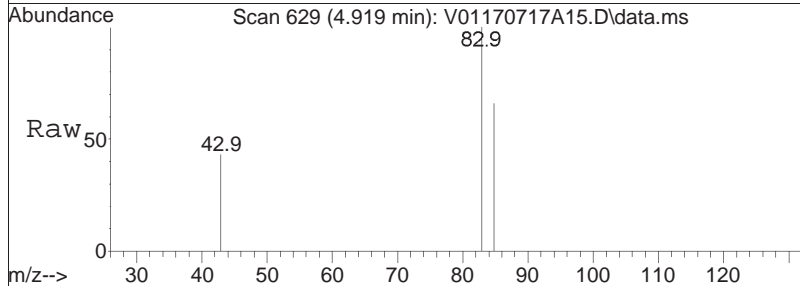
Tgt Ion	Resp	Lower	Upper
73	1450		
57	141.4	13.8	28.8#
43	108.0	14.8	30.8#
41	147.6	13.8	28.6#

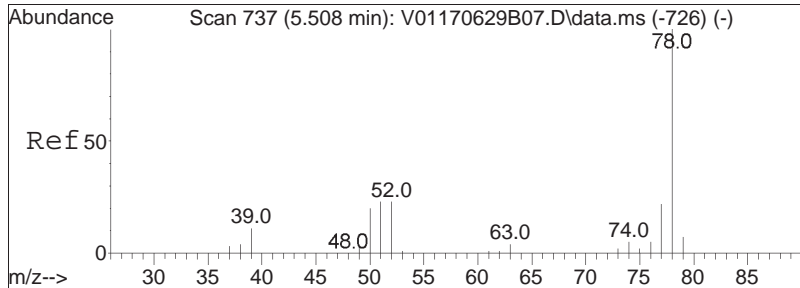




#32
 Chloroform
 Concen: 0.10 ug/L
 RT: 4.919 min Scan# 629
 Delta R.T. 0.006 min
 Lab File: V01170717A15.D
 Acq: 17 Jul 2017 16:18

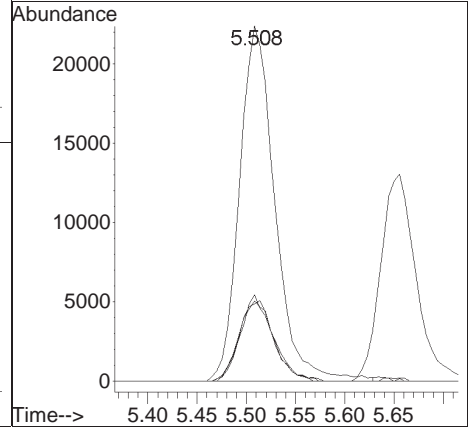
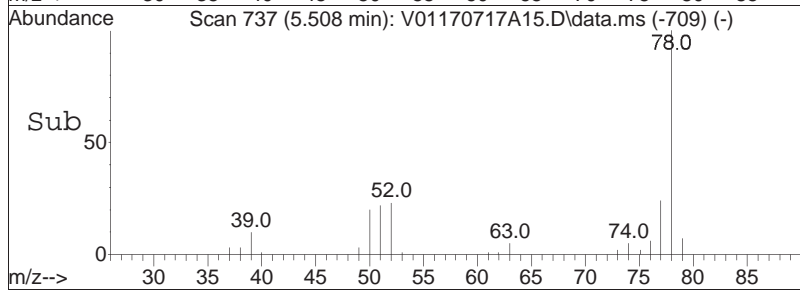
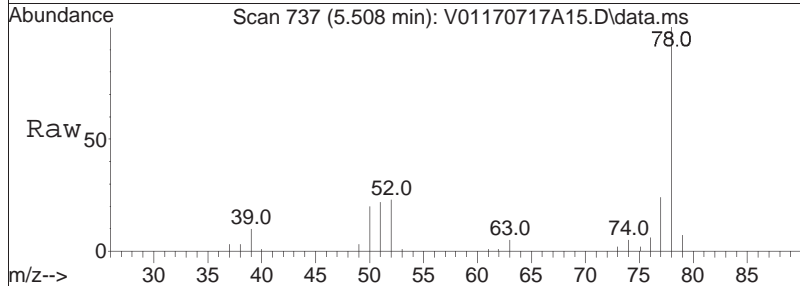
Tgt Ion	Resp	Lower	Upper
83	100		
85	54.9	42.0	87.2
47	11.2	17.6	36.6#
48	0.0	9.4	19.4#

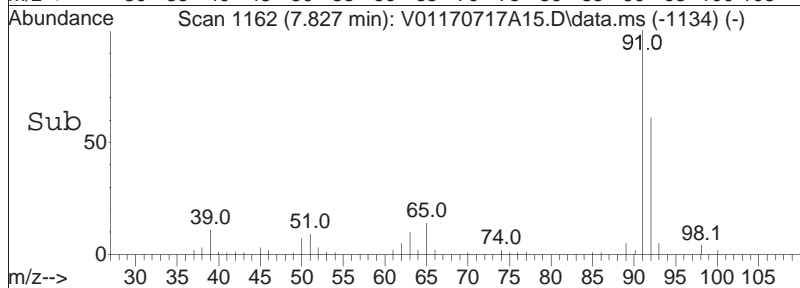
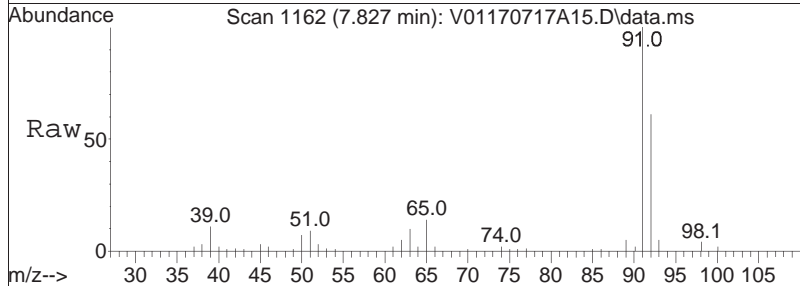
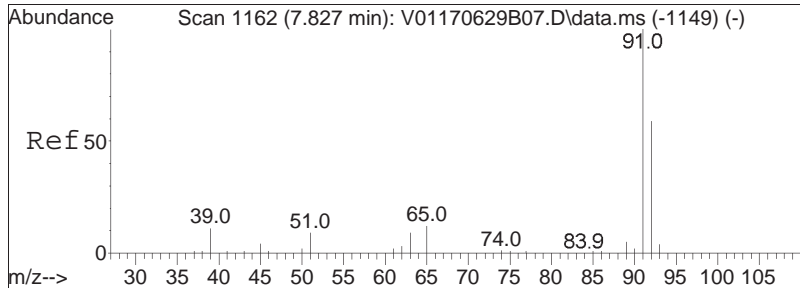




#41
 Benzene
 Concen: 2.42 ug/L
 RT: 5.508 min Scan# 737
 Delta R.T. 0.000 min
 Lab File: V01170717A15.D
 Acq: 17 Jul 2017 16:18

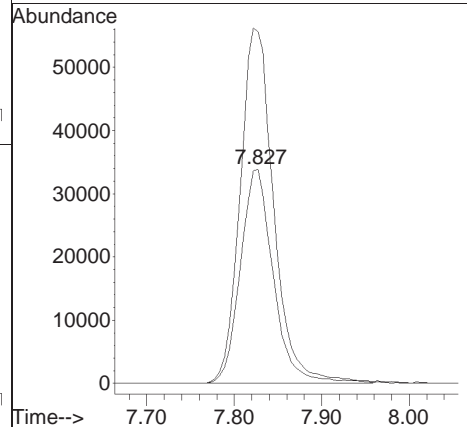
Tgt Ion	Resp	Lower	Upper
78	56168		
77	22.4	15.3	31.9
51	22.1	10.9	22.5
52	22.6	10.1	20.9#

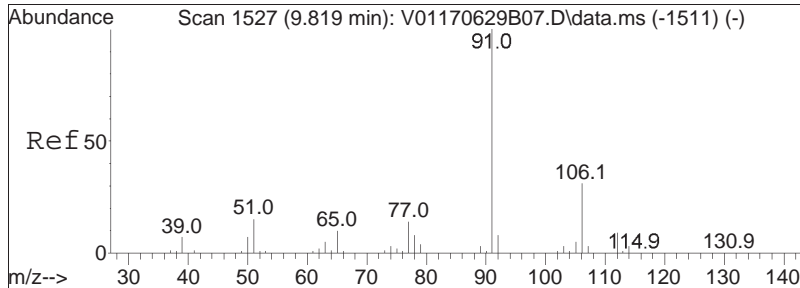




#61
 Toluene
 Concen: 5.68 ug/L
 RT: 7.827 min Scan# 1162
 Delta R.T. 0.000 min
 Lab File: V01170717A15.D
 Acq: 17 Jul 2017 16:18

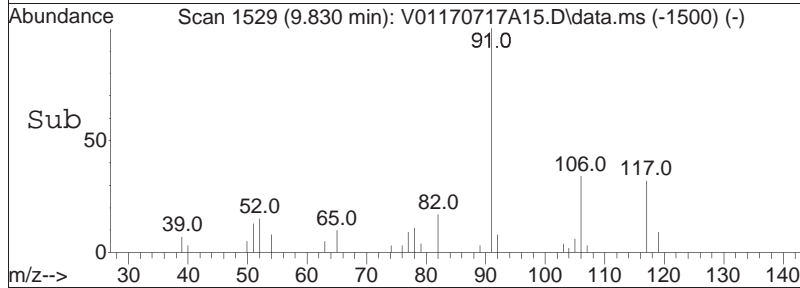
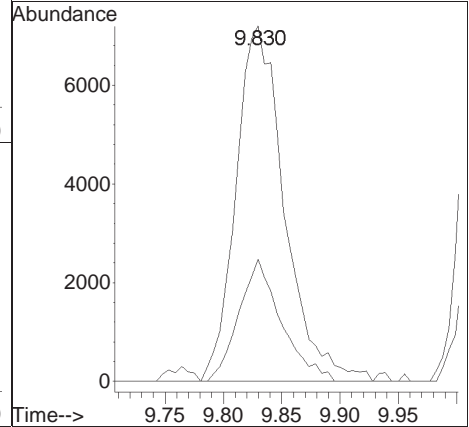
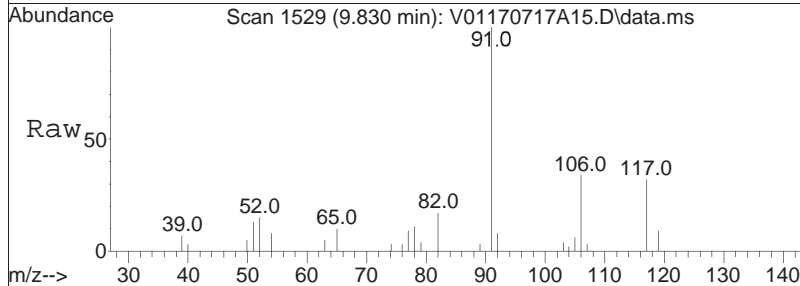
Tgt Ion:	Resp:		
92	88775		
Ion Ratio	Lower	Upper	
92	100		
91	168.9	138.6	207.8

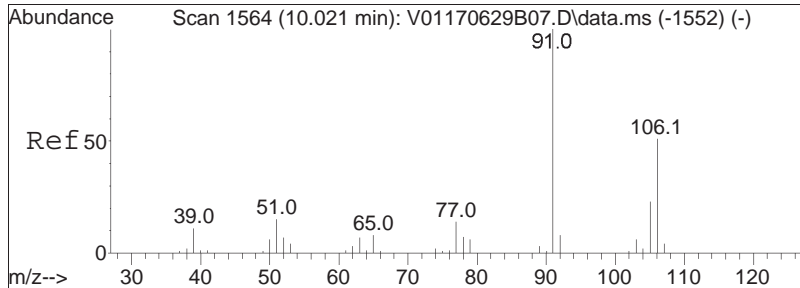




#74
 Ethylbenzene
 Concen: 0.68 ug/L
 RT: 9.830 min Scan# 1529
 Delta R.T. 0.011 min
 Lab File: V01170717A15.D
 Acq: 17 Jul 2017 16:18

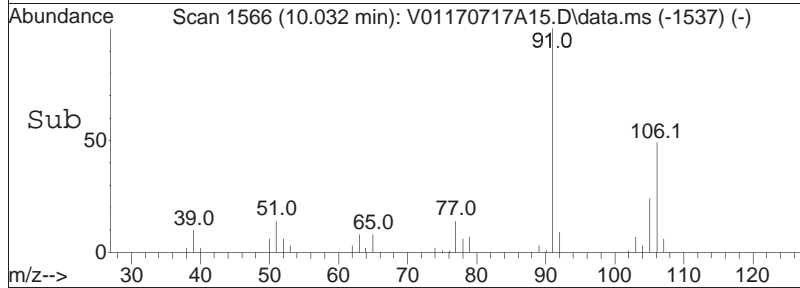
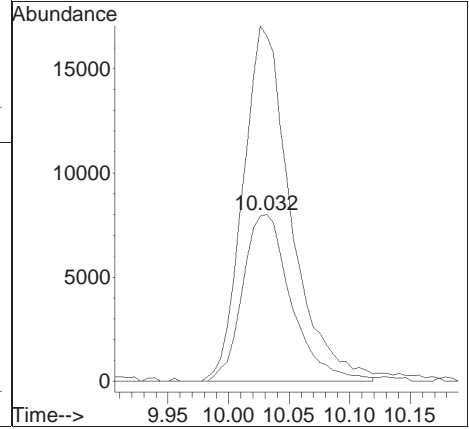
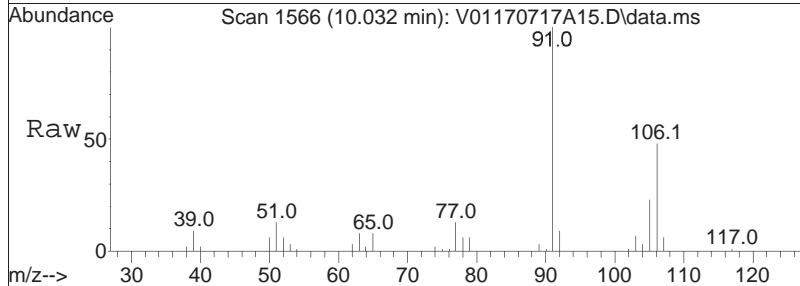
Tgt Ion: 91 Resp: 20888
 Ion Ratio Lower Upper
 91 100
 106 30.1 23.5 35.3

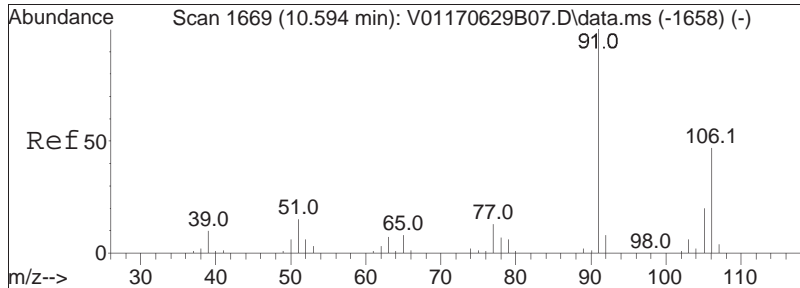




#76
 p/m Xylene
 Concen: 1.88 ug/L
 RT: 10.032 min Scan# 1566
 Delta R.T. 0.011 min
 Lab File: V01170717A15.D
 Acq: 17 Jul 2017 16:18

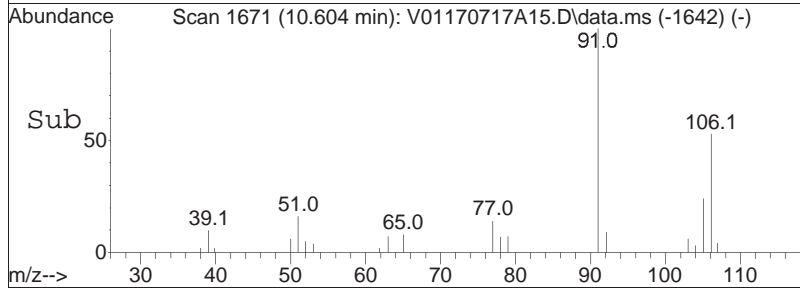
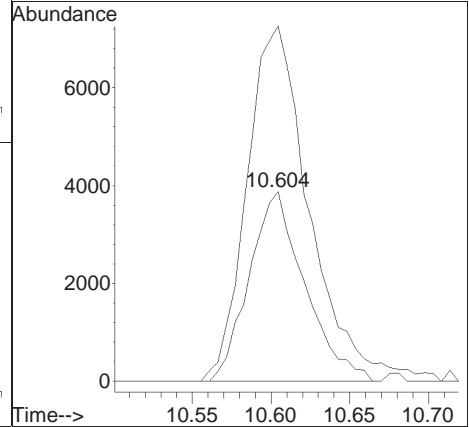
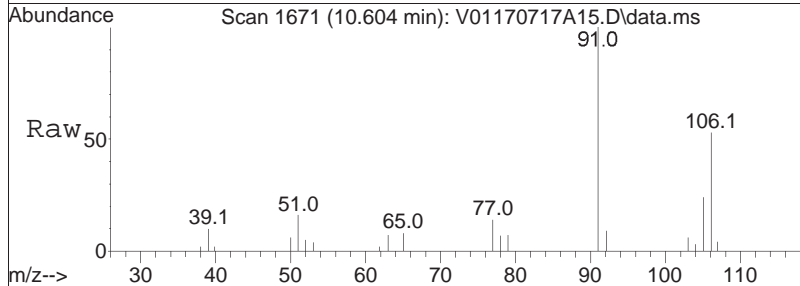
Tgt Ion	Resp	Lower	Upper
106	100		
91	211.9	174.8	262.2

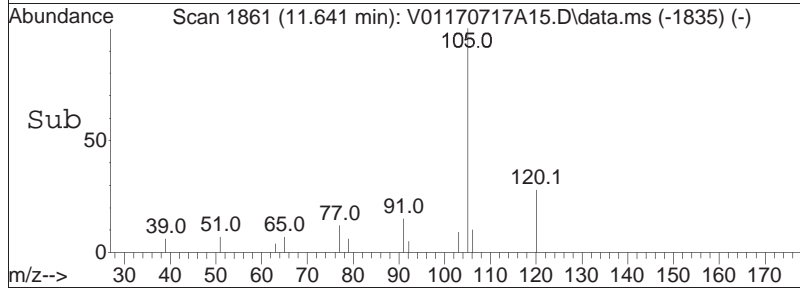
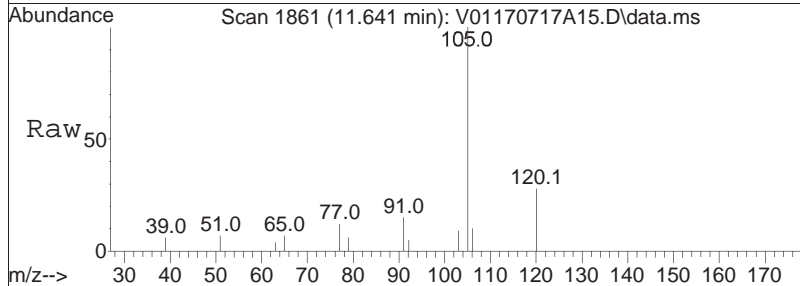
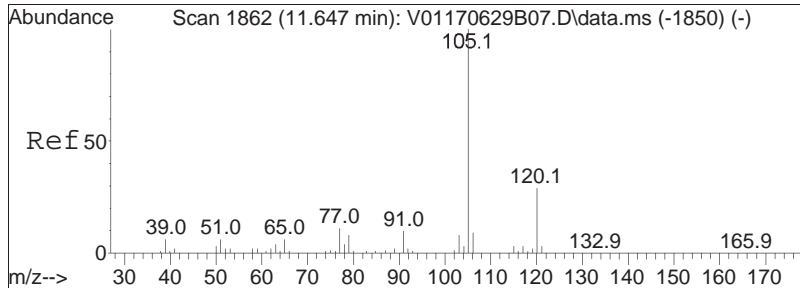




#77
 o Xylene
 Concen: 0.87 ug/L
 RT: 10.604 min Scan# 1671
 Delta R.T. 0.010 min
 Lab File: V01170717A15.D
 Acq: 17 Jul 2017 16:18

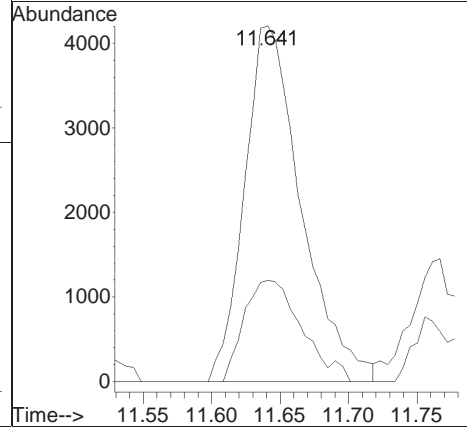
Tgt Ion:	106	Resp:	9489
Ion Ratio	Lower	Upper	
106	100		
91	212.2	184.5	276.7

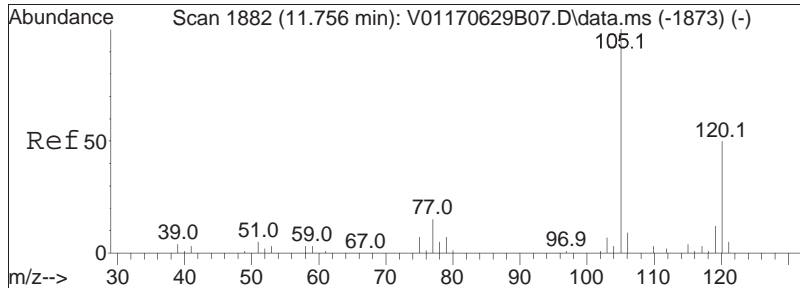




#88
 4-Ethyltoluene
 Concen: 0.40 ug/L
 RT: 11.641 min Scan# 1861
 Delta R.T. -0.006 min
 Lab File: V01170717A15.D
 Acq: 17 Jul 2017 16:18

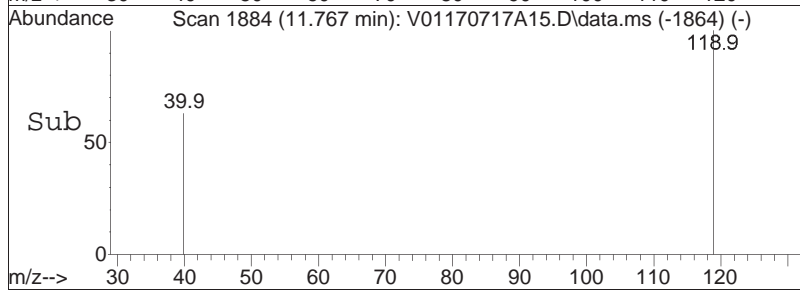
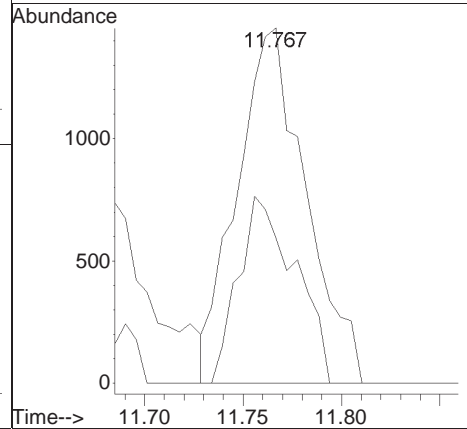
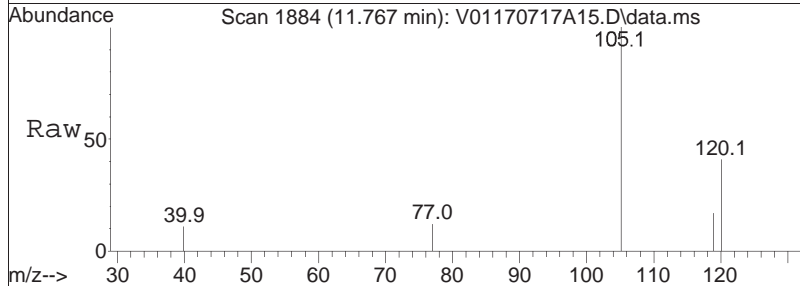
Tgt Ion:	105	Resp:	12158
Ion Ratio	100	Lower	Upper
120	28.8	18.9	39.1

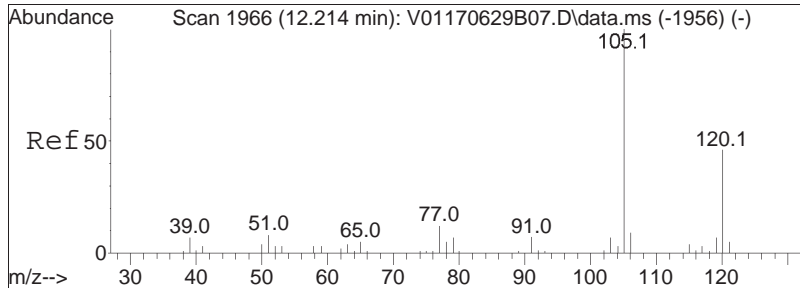




#90
 1,3,5-Trimethylbenzene
 Concen: 0.14 ug/L
 RT: 11.767 min Scan# 1884
 Delta R.T. 0.011 min
 Lab File: V01170717A15.D
 Acq: 17 Jul 2017 16:18

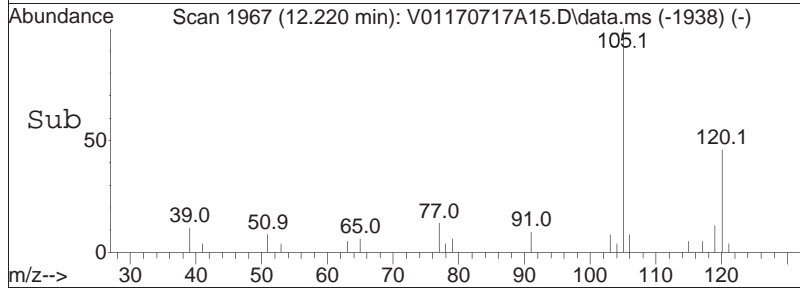
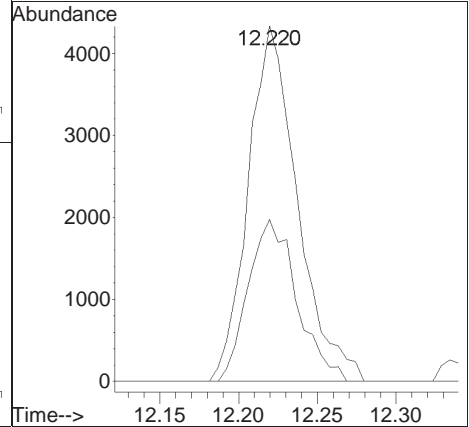
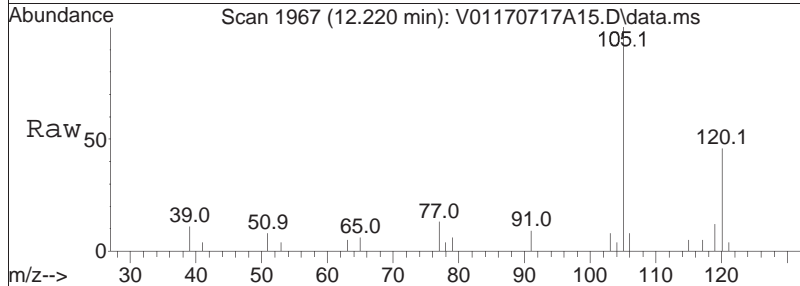
Tgt Ion	Resp	Lower	Upper
105	100		
120	43.6	37.8	56.8





#97
 1,2,4-Trimethylbenzene
 Concen: 0.37 ug/L
 RT: 12.220 min Scan# 1967
 Delta R.T. 0.006 min
 Lab File: V01170717A15.D
 Acq: 17 Jul 2017 16:18

Tgt Ion	Resp	Lower	Upper
105	100		
120	44.9	35.0	52.6



Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2017\1QMethod : V101_170629B_8260.m
Data File : V01170717A15.D Operator : VOA101:PD
Date Inj'd : 7/17/2017 16:18 Instrument : VOA 101
Sample : 11723686-24,31,10,10,,a Quant Date : 7/17/2017 4:47 pm

There are no manual integrations or false positives in this file.

Quantitation Report (Not Reviewed)

Data Path : I:\VOLATILES\VOA101\2017\170717A\
 Data File : V01170717A16.D
 Acq On : 17 Jul 2017 16:46
 Operator : VOA101:PD
 Sample : 11723686-25,31,10,10,,a
 Misc : WG1023276,ICAL13786
 ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jul 17 18:32:07 2017
 Quant Method : I:\VOLATILES\VOA101\2017\170717A\V101_170629B_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Fri Jun 30 16:37:53 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2017\170717A\V01170717A02.D
 Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	

Internal Standards							
1) Fluorobenzene	5.950	96	253426	10.000	ug/L	0.00	
Standard Area 1 = 290727			Recovery =	87.17%			
59) Chlorobenzene-d5	9.764	117	198475	10.000	ug/L	0.00	
Standard Area 1 = 229670			Recovery =	86.42%			
79) 1,4-Dichlorobenzene-d4	12.672	152	97814	10.000	ug/L	0.00	
Standard Area 1 = 121874			Recovery =	80.26%			
System Monitoring Compounds							
36) Dibromofluoromethane	5.099	113	63360	10.795	ug/L	0.00	
Spiked Amount 10.000	Range 70 - 130		Recovery =	107.95%			
43) 1,2-Dichloroethane-d4	5.655	65	78308	11.513	ug/L	0.00	
Spiked Amount 10.000	Range 70 - 130		Recovery =	115.13%			
60) Toluene-d8	7.762	98	255993	9.642	ug/L	0.00	
Spiked Amount 10.000	Range 70 - 130		Recovery =	96.42%			
83) 4-Bromofluorobenzene	11.352	95	97558	9.895	ug/L	0.00	
Spiked Amount 10.000	Range 70 - 130		Recovery =	98.95%			
Target Compounds							
2) Dichlorodifluoromethane	0.000		0		N.D.		Qvalue
3) Chloromethane	1.716	50	170		N.D.		
4) Vinyl chloride	0.000		0		N.D.		
5) Bromomethane	0.000		0		N.D.		
6) Chloroethane	2.098	64	57		N.D.		
7) Trichlorofluoromethane	0.000		0		N.D.		
8) Ethyl ether	0.000		0		N.D.		
10) 1,1-Dichloroethene	0.000		0		N.D.		
11) Carbon disulfide	2.840	76	3012	0.241	ug/L #	78	
15) Methylene chloride	0.000		0		N.D.		
17) Acetone	3.424	43	425	0.572	ug/L #	48	
18) trans-1,2-Dichloroethene	0.000		0		N.D.		
20) Methyl tert-butyl ether	0.000		0		N.D.		
23) 1,1-Dichloroethane	0.000		0		N.D.		
25) Acrylonitrile	0.000		0		N.D.		
27) Vinyl acetate	0.000		0		N.D.		
28) cis-1,2-Dichloroethene	0.000		0		N.D.		
29) 2,2-Dichloropropane	0.000		0		N.D.		
30) Bromochloromethane	0.000		0		N.D.		
32) Chloroform	0.000		0		N.D.		

Quantitation Report (Not Reviewed)

Data Path : I:\VOLATILES\VOA101\2017\170717A\
 Data File : V01170717A16.D
 Acq On : 17 Jul 2017 16:46
 Operator : VOA101:PD
 Sample : 11723686-25,31,10,10,,a
 Misc : WG1023276,ICAL13786
 ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jul 17 18:32:07 2017
 Quant Method : I:\VOLATILES\VOA101\2017\170717A\V101_170629B_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Fri Jun 30 16:37:53 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2017\170717A\V01170717A02.D
 Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Carbon tetrachloride	0.000		0		N.D.	
37) 1,1,1-Trichloroethane	0.000		0		N.D.	
39) 2-Butanone	0.000		0		N.D.	
40) 1,1-Dichloropropene	0.000		0		N.D.	
41) Benzene	5.525	78	49		N.D.	
44) 1,2-Dichloroethane	0.000		0		N.D.	
48) Trichloroethene	0.000		0		N.D.	
50) Dibromomethane	0.000		0		N.D.	
51) 1,2-Dichloropropane	0.000		0		N.D.	
54) Bromodichloromethane	0.000		0		N.D.	
57) 1,4-Dioxane	0.000		0		N.D.	
58) cis-1,3-Dichloropropene	0.000		0		N.D.	
61) Toluene	7.838	92	812		N.D.	
62) 4-Methyl-2-pentanone	0.000		0		N.D.	
63) Tetrachloroethene	0.000		0		N.D.	
65) trans-1,3-Dichloropropene	0.000		0		N.D.	
68) 1,1,2-Trichloroethane	0.000		0		N.D.	
69) Chlorodibromomethane	0.000		0		N.D.	
70) 1,3-Dichloropropane	0.000		0		N.D.	
71) 1,2-Dibromoethane	0.000		0		N.D.	
72) 2-Hexanone	0.000		0		N.D.	
73) Chlorobenzene	0.000		0		N.D.	
74) Ethylbenzene	9.835	91	63		N.D.	
75) 1,1,1,2-Tetrachloroethane	0.000		0		N.D.	
76) p/m Xylene	10.059	106	125		N.D.	
77) o Xylene	0.000		0		N.D.	
78) Styrene	0.000		0		N.D.	
80) Bromoform	0.000		0		N.D.	
82) Isopropylbenzene	0.000		0		N.D.	
84) Bromobenzene	0.000		0		N.D.	
85) n-Propylbenzene	0.000		0		N.D.	
87) 1,1,2,2-Tetrachloroethane	0.000		0		N.D.	
88) 4-Ethyltoluene	11.641	105	121		N.D.	
89) 2-Chlorotoluene	0.000		0		N.D.	
90) 1,3,5-Trimethylbenzene	11.767	105	50		N.D.	
91) 1,2,3-Trichloropropane	0.000		0		N.D.	
92) trans-1,4-Dichloro-2-b...	0.000		0		N.D.	
93) 4-Chlorotoluene	0.000		0		N.D.	
94) tert-Butylbenzene	0.000		0		N.D.	

Quantitation Report (Not Reviewed)

Data Path : I:\VOLATILES\VOA101\2017\170717A\
 Data File : V01170717A16.D
 Acq On : 17 Jul 2017 16:46
 Operator : VOA101:PD
 Sample : 11723686-25,31,10,10,,a
 Misc : WG1023276,ICAL13786
 ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jul 17 18:32:07 2017
 Quant Method : I:\VOLATILES\VOA101\2017\170717A\V101_170629B_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Fri Jun 30 16:37:53 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2017\170717A\V01170717A02.D
 Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97) 1,2,4-Trimethylbenzene	12.236	105	601			N.D.
98) sec-Butylbenzene	12.236	105	601			N.D.
99) p-Isopropyltoluene	0.000		0			N.D.
100) 1,3-Dichlorobenzene	0.000		0			N.D.
101) 1,4-Dichlorobenzene	0.000		0			N.D.
102) p-Diethylbenzene	0.000		0			N.D.
103) n-Butylbenzene	0.000		0			N.D.
104) 1,2-Dichlorobenzene	0.000		0			N.D.
105) 1,2,4,5-Tetramethylben...	13.807	119	118			N.D.
106) 1,2-Dibromo-3-chloropr...	0.000		0			N.D.
108) Hexachlorobutadiene	0.000		0			N.D.
109) 1,2,4-Trichlorobenzene	0.000		0			N.D.
110) Naphthalene	0.000		0			N.D.
111) 1,2,3-Trichlorobenzene	0.000		0			N.D.

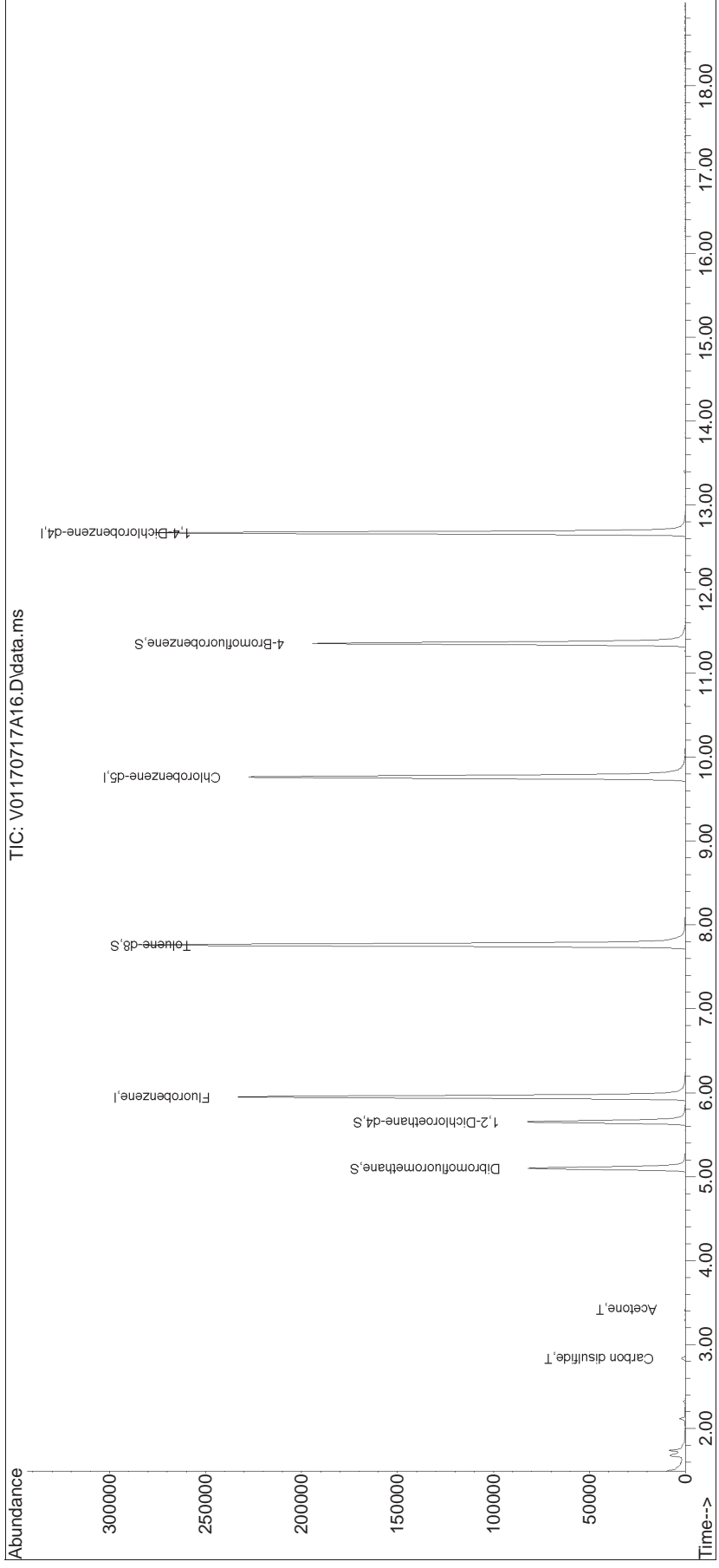
(#) = qualifier out of range (m) = manual integration (+) = signals summed

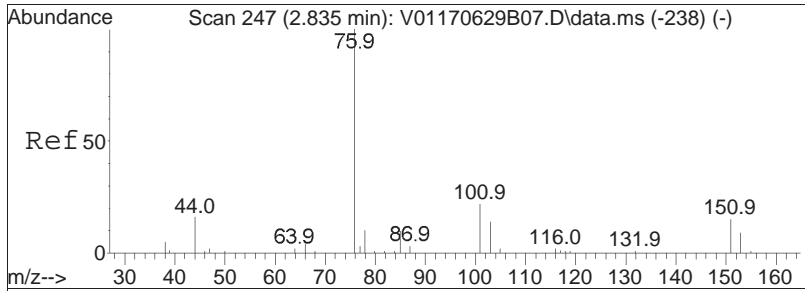
Quantitation Report (Not Reviewed)

Data Path : I:\VOLATILES\VOA101\2017\170717A\
Data File : V01170717A16.D
Acq On : 17 Jul 2017 16:46
Operator : VOA101:PD
Sample : 11723686-25,31,10,10,,a
Misc : WG1023276,ICAL13786
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jul 17 18:32:07 2017
Quant Method : I:\VOLATILES\VOA101\2017\170717A\V101_170629B_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jun 30 16:37:53 2017
Response via : Initial Calibration

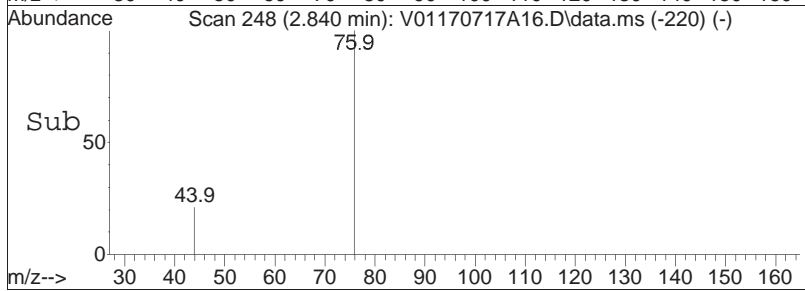
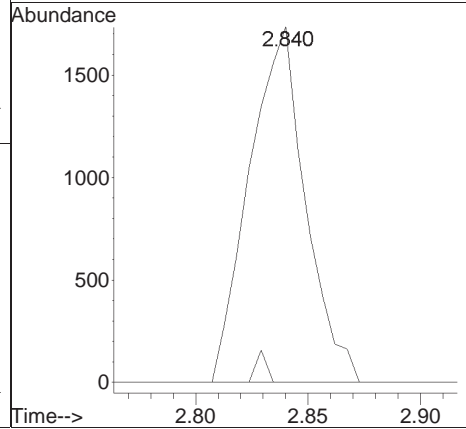
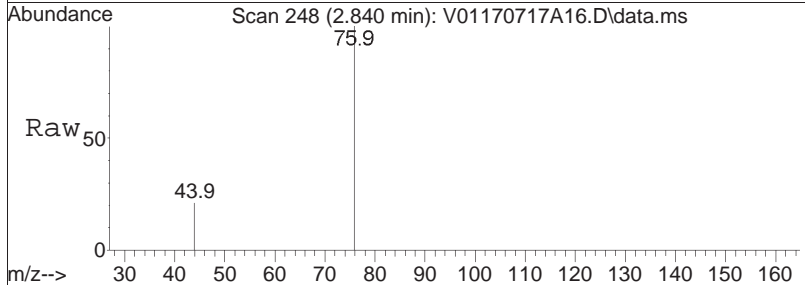
Sub List : 8260-NYTCL - Megamix plus Diox70717A\V01170717A02.D•

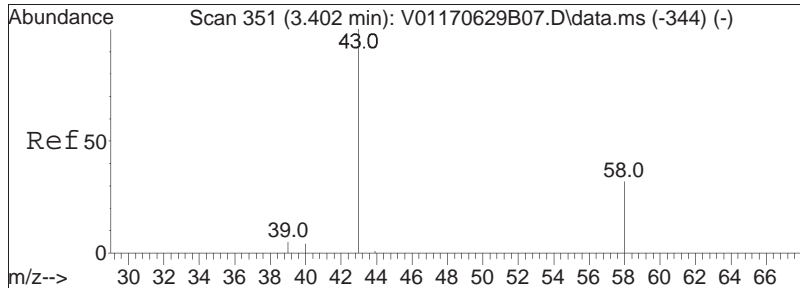




#11
 Carbon disulfide
 Concen: 0.24 ug/L
 RT: 2.840 min Scan# 248
 Delta R.T. 0.005 min
 Lab File: V01170717A16.D
 Acq: 17 Jul 2017 16:46

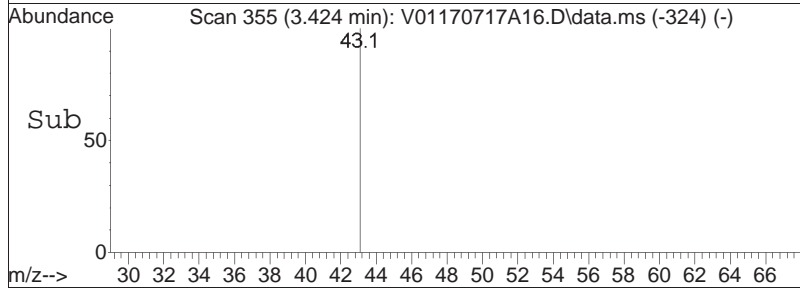
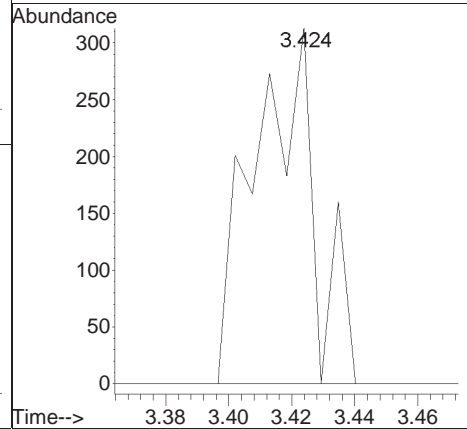
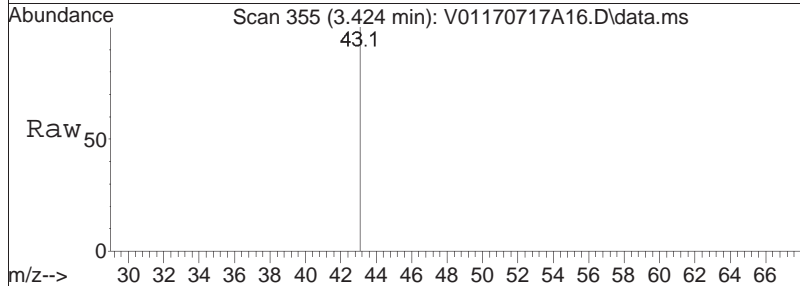
Tgt Ion: 76 Resp: 3012
 Ion Ratio Lower Upper
 76 100
 78 1.7 6.3 13.1#





#17
 Acetone
 Concen: 0.57 ug/L
 RT: 3.424 min Scan# 355
 Delta R.T. 0.022 min
 Lab File: V01170717A16.D
 Acq: 17 Jul 2017 16:46

Tgt Ion:	43	Resp:	425
Ion Ratio	Lower	Upper	
43	100		
58	0.0	21.8	32.6#



Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2017\1QMethod : V101_170629B_8260.m
Data File : V01170717A16.D Operator : VOA101:PD
Date Inj'd : 7/17/2017 16:46 Instrument : VOA 101
Sample : 11723686-25,31,10,10,,a Quant Date : 7/17/2017 6:32 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2017\170717A\
 Data File : V01170717A17.D
 Acq On : 17 Jul 2017 17:15
 Operator : VOA101:PD
 Sample : 11723686-26,31,10,10,,a
 Misc : WG1023276,ICAL13786
 ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jul 17 18:32:40 2017
 Quant Method : I:\VOLATILES\VOA101\2017\170717A\V101_170629B_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Fri Jun 30 16:37:53 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2017\170717A\V01170717A02.D
 Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Fluorobenzene	5.950	96	241312	10.000	ug/L	0.00
Standard Area 1 = 290727			Recovery =	83.00%		
59) Chlorobenzene-d5	9.759	117	191010	10.000	ug/L	0.00
Standard Area 1 = 229670			Recovery =	83.17%		
79) 1,4-Dichlorobenzene-d4	12.672	152	94167	10.000	ug/L	0.00
Standard Area 1 = 121874			Recovery =	77.27%		
System Monitoring Compounds						
36) Dibromofluoromethane	5.099	113	60565	10.837	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	108.37%		
43) 1,2-Dichloroethane-d4	5.650	65	73798	11.394	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	113.94%		
60) Toluene-d8	7.762	98	244734	9.578	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	95.78%		
83) 4-Bromofluorobenzene	11.352	95	92566	9.753	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	97.53%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.000		0		N.D.	
3) Chloromethane	1.711	50	61		N.D.	
4) Vinyl chloride	0.000		0		N.D.	
5) Bromomethane	0.000		0		N.D.	
6) Chloroethane	0.000		0		N.D.	
7) Trichlorofluoromethane	0.000		0		N.D.	
8) Ethyl ether	0.000		0		N.D.	
10) 1,1-Dichloroethene	0.000		0		N.D.	
11) Carbon disulfide	0.000		0		N.D.	d
15) Methylene chloride	0.000		0		N.D.	
17) Acetone	0.000		0		N.D.	d
18) trans-1,2-Dichloroethene	0.000		0		N.D.	
20) Methyl tert-butyl ether	0.000		0		N.D.	
23) 1,1-Dichloroethane	0.000		0		N.D.	
25) Acrylonitrile	0.000		0		N.D.	
27) Vinyl acetate	0.000		0		N.D.	
28) cis-1,2-Dichloroethene	0.000		0		N.D.	
29) 2,2-Dichloropropane	0.000		0		N.D.	
30) Bromochloromethane	0.000		0		N.D.	
32) Chloroform	0.000		0		N.D.	

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2017\170717A\
 Data File : V01170717A17.D
 Acq On : 17 Jul 2017 17:15
 Operator : VOA101:PD
 Sample : 11723686-26,31,10,10,,a
 Misc : WG1023276,ICAL13786
 ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jul 17 18:32:40 2017
 Quant Method : I:\VOLATILES\VOA101\2017\170717A\V101_170629B_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Fri Jun 30 16:37:53 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2017\170717A\V01170717A02.D
 Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Carbon tetrachloride	0.000		0		N.D.	
37) 1,1,1-Trichloroethane	0.000		0		N.D.	
39) 2-Butanone	0.000		0		N.D.	
40) 1,1-Dichloropropene	0.000		0		N.D.	
41) Benzene	0.000		0		N.D.	
44) 1,2-Dichloroethane	0.000		0		N.D.	
48) Trichloroethene	6.054	95	51		N.D.	
50) Dibromomethane	0.000		0		N.D.	
51) 1,2-Dichloropropane	0.000		0		N.D.	
54) Bromodichloromethane	0.000		0		N.D.	
57) 1,4-Dioxane	0.000		0		N.D.	
58) cis-1,3-Dichloropropene	0.000		0		N.D.	
61) Toluene	7.822	92	511		N.D.	
62) 4-Methyl-2-pentanone	0.000		0		N.D.	
63) Tetrachloroethene	0.000		0		N.D.	
65) trans-1,3-Dichloropropene	0.000		0		N.D.	
68) 1,1,2-Trichloroethane	0.000		0		N.D.	
69) Chlorodibromomethane	0.000		0		N.D.	
70) 1,3-Dichloropropane	0.000		0		N.D.	
71) 1,2-Dibromoethane	0.000		0		N.D.	
72) 2-Hexanone	0.000		0		N.D.	
73) Chlorobenzene	0.000		0		N.D.	
74) Ethylbenzene	9.759	91	63		N.D.	
75) 1,1,1,2-Tetrachloroethane	0.000		0		N.D.	
76) p/m Xylene	0.000		0		N.D.	
77) o Xylene	0.000		0		N.D.	
78) Styrene	0.000		0		N.D.	
80) Bromoform	0.000		0		N.D.	
82) Isopropylbenzene	0.000		0		N.D.	
84) Bromobenzene	0.000		0		N.D.	
85) n-Propylbenzene	0.000		0		N.D.	
87) 1,1,2,2-Tetrachloroethane	0.000		0		N.D.	
88) 4-Ethyltoluene	0.000		0		N.D.	
89) 2-Chlorotoluene	0.000		0		N.D.	
90) 1,3,5-Trimethylbenzene	0.000		0		N.D.	
91) 1,2,3-Trichloropropane	0.000		0		N.D.	
92) trans-1,4-Dichloro-2-b...	0.000		0		N.D.	
93) 4-Chlorotoluene	0.000		0		N.D.	
94) tert-Butylbenzene	0.000		0		N.D.	

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2017\170717A\
 Data File : V01170717A17.D
 Acq On : 17 Jul 2017 17:15
 Operator : VOA101:PD
 Sample : 11723686-26,31,10,10,,a
 Misc : WG1023276,ICAL13786
 ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jul 17 18:32:40 2017
 Quant Method : I:\VOLATILES\VOA101\2017\170717A\V101_170629B_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Fri Jun 30 16:37:53 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2017\170717A\V01170717A02.D
 Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97) 1,2,4-Trimethylbenzene	12.236	105	56			N.D.
98) sec-Butylbenzene	12.236	105	56			N.D.
99) p-Isopropyltoluene	0.000		0			N.D.
100) 1,3-Dichlorobenzene	0.000		0			N.D.
101) 1,4-Dichlorobenzene	0.000		0			N.D.
102) p-Diethylbenzene	0.000		0			N.D.
103) n-Butylbenzene	0.000		0			N.D.
104) 1,2-Dichlorobenzene	0.000		0			N.D.
105) 1,2,4,5-Tetramethylben...	0.000		0			N.D.
106) 1,2-Dibromo-3-chloropr...	0.000		0			N.D.
108) Hexachlorobutadiene	0.000		0			N.D.
109) 1,2,4-Trichlorobenzene	0.000		0			N.D.
110) Naphthalene	0.000		0			N.D.
111) 1,2,3-Trichlorobenzene	0.000		0			N.D.

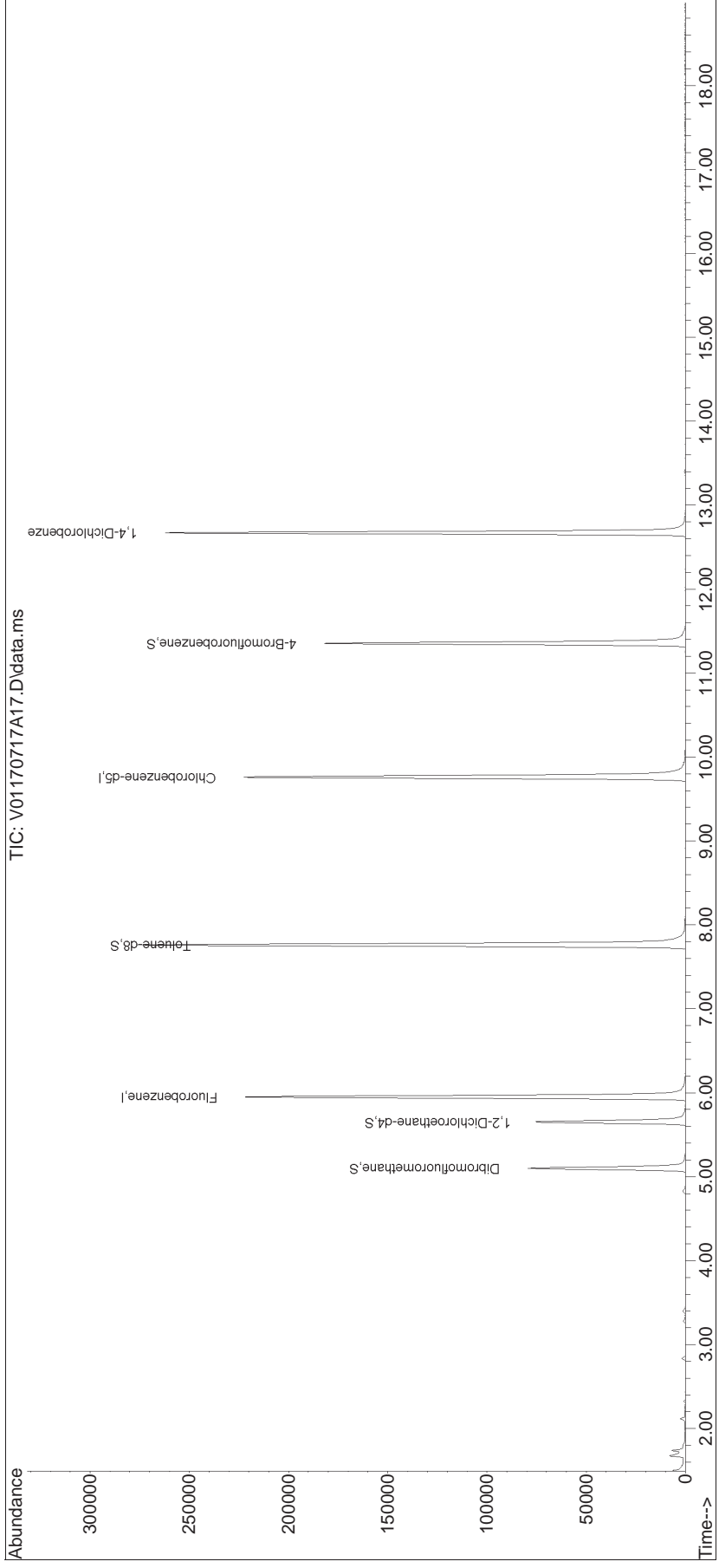
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2017\170717A\
Data File : V01170717A17.D
Acq On : 17 Jul 2017 17:15
Operator : VOA101:PD
Sample : 11723686-26,31,10,10,,a
Misc : WG1023276,ICAL13786
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jul 17 18:32:40 2017
Quant Method : I:\VOLATILES\VOA101\2017\170717A\V101_170629B_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jun 30 16:37:53 2017
Response via : Initial Calibration

Sub List : 8260-NYTCL - Megamix plus Diox70717A\V01170717A02.D•



Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2017\1QMethod : V101_170629B_8260.m
Data File : V01170717A17.D Operator : VOA101:PD
Date Inj'd : 7/17/2017 17:15 Instrument : VOA 101
Sample : 11723686-26,31,10,10,,a Quant Date : 7/17/2017 6:32 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2017\170717N\
 Data File : V01170717N07.D
 Acq On : 17 Jul 2017 11:02 pm
 Operator : VOA101:PK
 Sample : 11723686-23D,31,5,10,,c
 Misc : WG1023473,ICAL13786
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 18 07:41:35 2017
 Quant Method : I:\VOLATILES\VOA101\2017\170717N\V101_170629B_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Fri Jun 30 16:37:53 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2017\170717N\V01170717N02.D
 Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	

Internal Standards							
1) Fluorobenzene	5.950	96	274891	10.000	ug/L	0.00	
Standard Area 1 = 281033			Recovery =	97.81%			
59) Chlorobenzene-d5	9.764	117	223696	10.000	ug/L	0.00	
Standard Area 1 = 224158			Recovery =	99.79%			
79) 1,4-Dichlorobenzene-d4	12.672	152	116000	10.000	ug/L	0.00	
Standard Area 1 = 118176			Recovery =	98.16%			
System Monitoring Compounds							
36) Dibromofluoromethane	5.099	113	67081	10.537	ug/L	0.00	
Spiked Amount 10.000	Range 70 - 130		Recovery =	105.37%			
43) 1,2-Dichloroethane-d4	5.650	65	81370	11.029	ug/L	0.00	
Spiked Amount 10.000	Range 70 - 130		Recovery =	110.29%			
60) Toluene-d8	7.762	98	281175	9.397	ug/L	0.00	
Spiked Amount 10.000	Range 70 - 130		Recovery =	93.97%			
83) 4-Bromofluorobenzene	11.352	95	112862	9.653	ug/L	0.00	
Spiked Amount 10.000	Range 70 - 130		Recovery =	96.53%			
Target Compounds							
2) Dichlorodifluoromethane	0.000		0		N.D.		
3) Chloromethane	0.000		0		N.D. d		
4) Vinyl chloride	1.787	62	380		N.D.		
5) Bromomethane	0.000		0		N.D.		
6) Chloroethane	2.114	64	186		N.D.		
7) Trichlorofluoromethane	0.000		0		N.D.		
8) Ethyl ether	0.000		0		N.D.		
10) 1,1-Dichloroethene	0.000		0		N.D.		
11) Carbon disulfide	2.835	76	4490	0.332	ug/L	92	
15) Methylene chloride	0.000		0		N.D. d		
17) Acetone	3.402	43	11640	14.451	ug/L	92	
18) trans-1,2-Dichloroethene	0.000		0		N.D.		
20) Methyl tert-butyl ether	3.598	73	112530	10.468	ug/L #	62	
23) 1,1-Dichloroethane	4.166	63	710		N.D.		
25) Acrylonitrile	0.000		0		N.D. d		
27) Vinyl acetate	0.000		0		N.D. d		
28) cis-1,2-Dichloroethene	4.564	96	56		N.D.		
29) 2,2-Dichloropropane	4.673	77	59		N.D.		
30) Bromochloromethane	0.000		0		N.D.		
32) Chloroform	4.919	83	186		N.D.		

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2017\170717N\
 Data File : V01170717N07.D
 Acq On : 17 Jul 2017 11:02 pm
 Operator : VOA101:PK
 Sample : 11723686-23D,31,5,10,,c
 Misc : WG1023473,ICAL13786
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 18 07:41:35 2017
 Quant Method : I:\VOLATILES\VOA101\2017\170717N\V101_170629B_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Fri Jun 30 16:37:53 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2017\170717N\V01170717N02.D
 Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Carbon tetrachloride	0.000		0		N.D.	
37) 1,1,1-Trichloroethane	0.000		0		N.D.	
39) 2-Butanone	0.000		0		N.D. d	
40) 1,1-Dichloropropene	0.000		0		N.D.	
41) Benzene	5.503	78	1227432	51.344	ug/L #	91
44) 1,2-Dichloroethane	5.743	62	66		N.D.	
48) Trichloroethene	0.000		0		N.D. d	
50) Dibromomethane	0.000		0		N.D.	
51) 1,2-Dichloropropane	0.000		0		N.D.	
54) Bromodichloromethane	6.681	83	368		N.D.	
57) 1,4-Dioxane	0.000		0		N.D.	
58) cis-1,3-Dichloropropene	0.000		0		N.D.	
61) Toluene	7.822	92	1859549	112.087	ug/L	97
62) 4-Methyl-2-pentanone	0.000		0		N.D. d	
63) Tetrachloroethene	0.000		0		N.D.	
65) trans-1,3-Dichloropropene	0.000		0		N.D.	
68) 1,1,2-Trichloroethane	0.000		0		N.D. d	
69) Chlorodibromomethane	0.000		0		N.D.	
70) 1,3-Dichloropropane	0.000		0		N.D.	
71) 1,2-Dibromoethane	0.000		0		N.D.	
72) 2-Hexanone	0.000		0		N.D. d	
73) Chlorobenzene	9.791	112	278		N.D.	
74) Ethylbenzene	9.819	91	559393	17.087	ug/L	96
75) 1,1,1,2-Tetrachloroethane	0.000		0		N.D.	
76) p/m Xylene	10.021	106	756493	59.672	ug/L	87
77) o Xylene	10.594	106	383472	33.007	ug/L	88
78) Styrene	10.681	104	2649	0.145	ug/L #	31
80) Bromoform	0.000		0		N.D.	
82) Isopropylbenzene	10.997	105	68157	1.914	ug/L	99
84) Bromobenzene	0.000		0		N.D.	
85) n-Propylbenzene	11.510	91	137406	3.271	ug/L	93
87) 1,1,2,2-Tetrachloroethane	0.000		0		N.D.	
88) 4-Ethyltoluene	11.630	105	584362	17.621	ug/L	98
89) 2-Chlorotoluene	0.000		0		N.D. d	
90) 1,3,5-Trimethylbenzene	11.756	105	170685	6.138	ug/L	98
91) 1,2,3-Trichloropropane	0.000		0		N.D. d	
92) trans-1,4-Dichloro-2-b...	0.000		0		N.D. d	
93) 4-Chlorotoluene	0.000		0		N.D. d	
94) tert-Butylbenzene	12.121	119	2381	0.100	ug/L #	94

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2017\170717N\
 Data File : V01170717N07.D
 Acq On : 17 Jul 2017 11:02 pm
 Operator : VOA101:PK
 Sample : 11723686-23D,31,5,10,,c
 Misc : WG1023473,ICAL13786
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 18 07:41:35 2017
 Quant Method : I:\VOLATILES\VOA101\2017\170717N\V101_170629B_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Fri Jun 30 16:37:53 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2017\170717N\V01170717N02.D
 Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97) 1,2,4-Trimethylbenzene	12.209	105	495469	17.986	ug/L	97
98) sec-Butylbenzene	12.334	105	29670	0.871	ug/L #	74
99) p-Isopropyltoluene	12.498	119	5195M2	0.185	ug/L	
100) 1,3-Dichlorobenzene	12.596	146	222	N.D.		
101) 1,4-Dichlorobenzene	12.689	146	440	N.D.		
102) p-Diethylbenzene	12.940	119	57685M2	3.713	ug/L	
103) n-Butylbenzene	12.983	91	8979	0.366	ug/L #	61
104) 1,2-Dichlorobenzene	13.163	146	52	N.D.		
105) 1,2,4,5-Tetramethylben...	13.791	119	43230M1	2.207	ug/L	
106) 1,2-Dibromo-3-chloropr...	0.000		0	N.D.		
108) Hexachlorobutadiene	0.000		0	N.D.		
109) 1,2,4-Trichlorobenzene	0.000		0	N.D.	d	
110) Naphthalene	15.062	128	13082	2.256	ug/L	100
111) 1,2,3-Trichlorobenzene	0.000		0	N.D.		

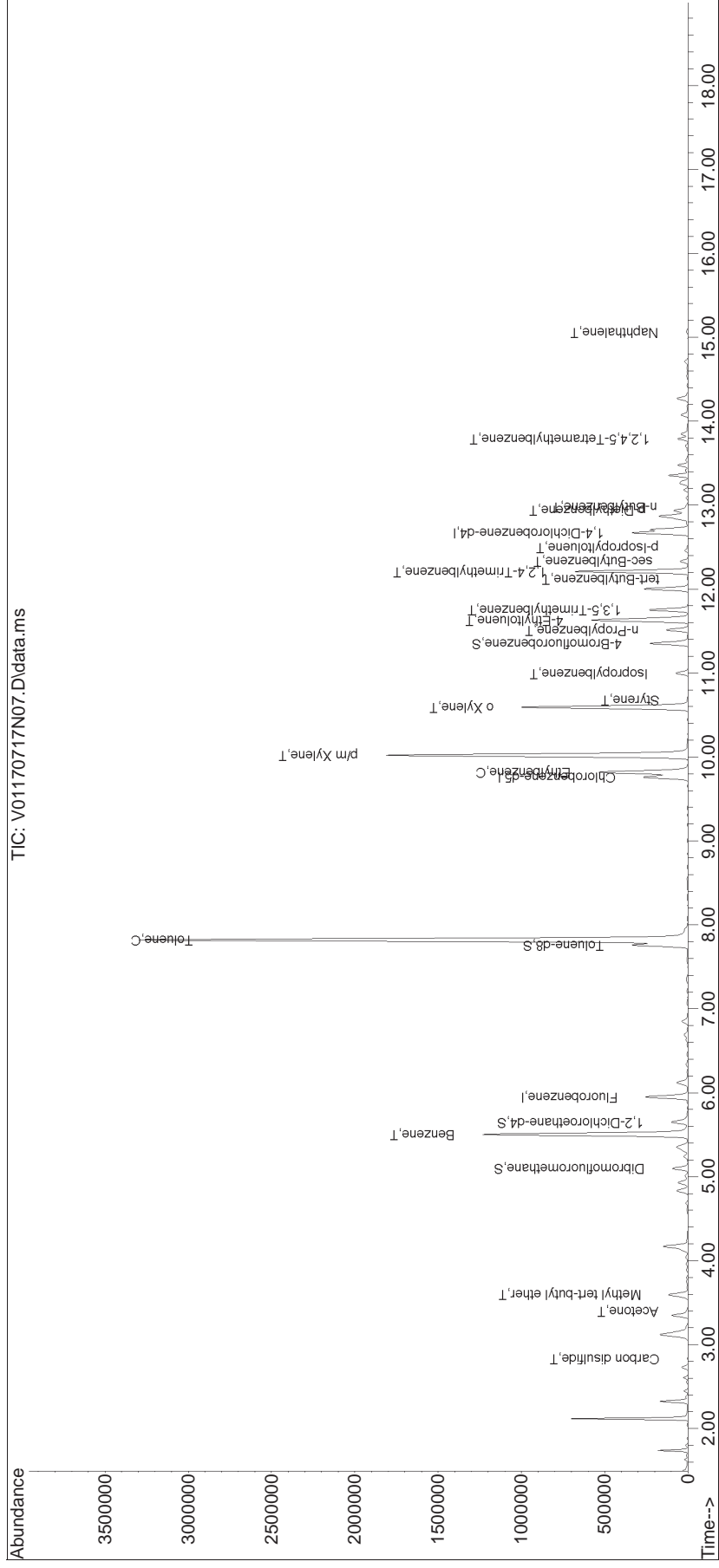
(#) = qualifier out of range (m) = manual integration (+) = signals summed

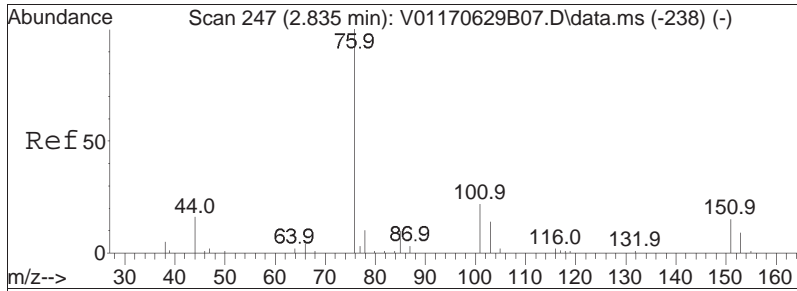
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2017\170717N\
 Data File : V01170717N07.D
 Acq On : 17 Jul 2017 11:02 pm
 Operator : VOA101:PK
 Sample : 11723686-23D,31,5,10,,c
 Misc : WG1023473,ICAL13786
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 18 07:41:35 2017
 Quant Method : I:\VOLATILES\VOA101\2017\170717N\V101_170629B_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Fri Jun 30 16:37:53 2017
 Response via : Initial Calibration

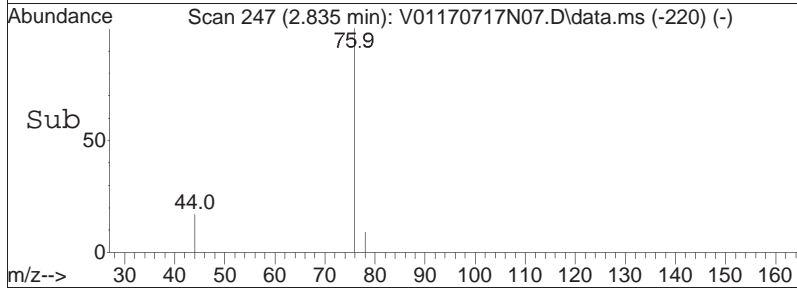
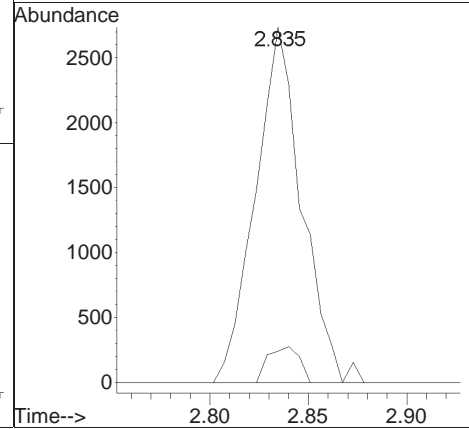
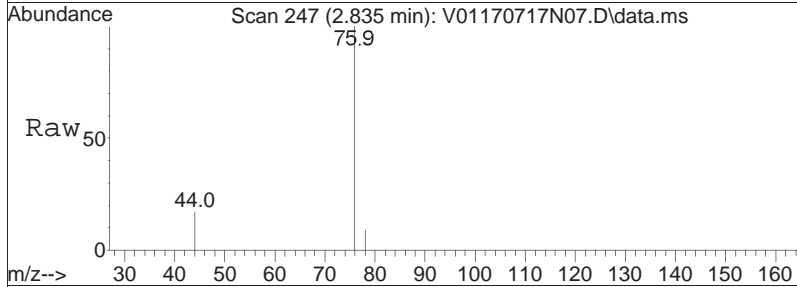
Sub List : 8260-NYTCL - Megamix plus Diox70717N\V01170717N02.D•

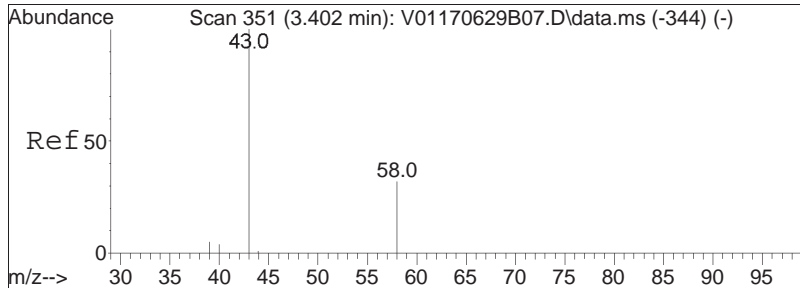




#11
 Carbon disulfide
 Concen: 0.33 ug/L
 RT: 2.835 min Scan# 247
 Delta R.T. -0.000 min
 Lab File: V01170717N07.D
 Acq: 17 Jul 2017 11:02 pm

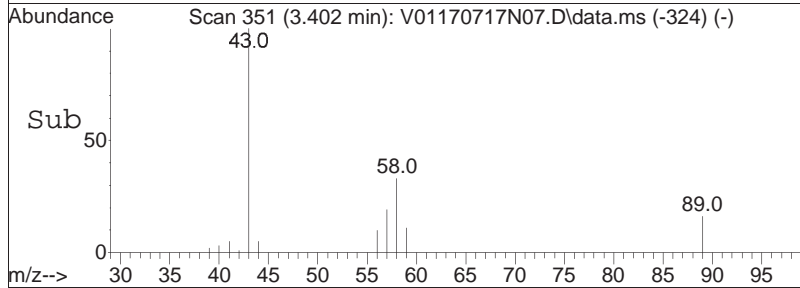
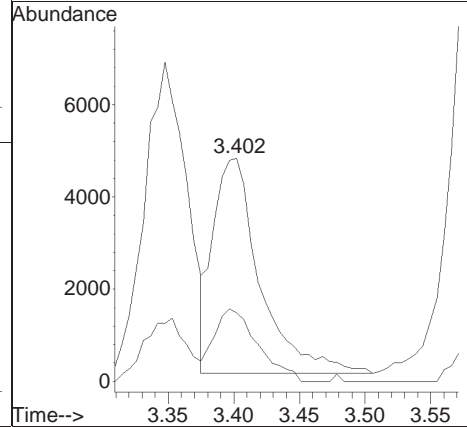
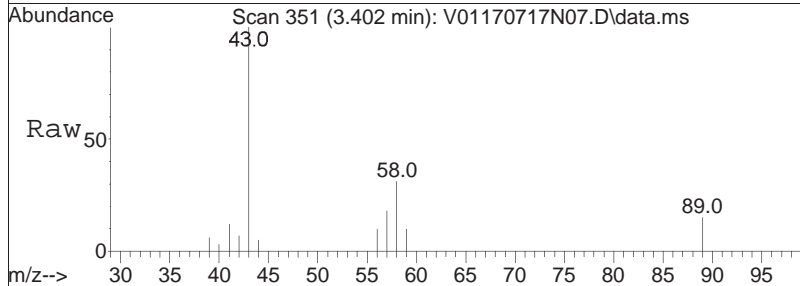
Tgt Ion: 76 Resp: 4490
 Ion Ratio Lower Upper
 76 100
 78 6.8 6.3 13.1

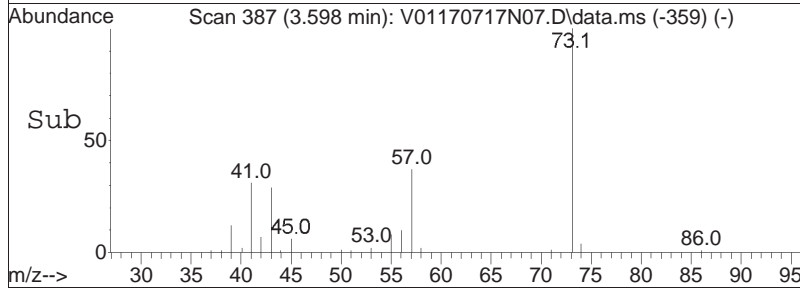
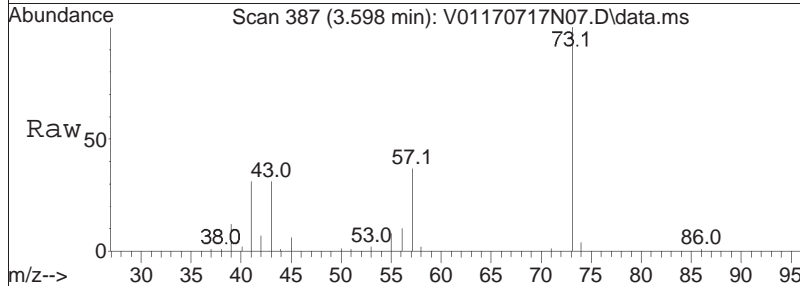
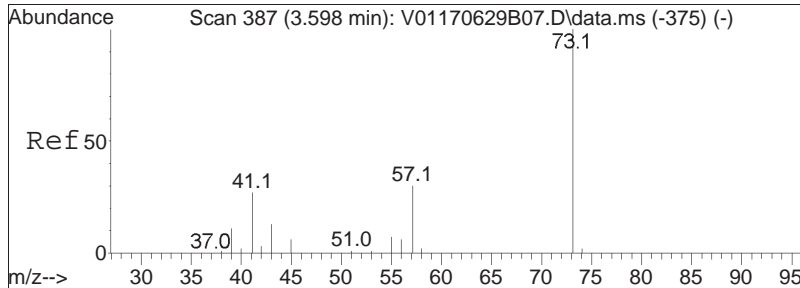




#17
 Acetone
 Concen: 14.45 ug/L
 RT: 3.402 min Scan# 351
 Delta R.T. 0.000 min
 Lab File: V01170717N07.D
 Acq: 17 Jul 2017 11:02 pm

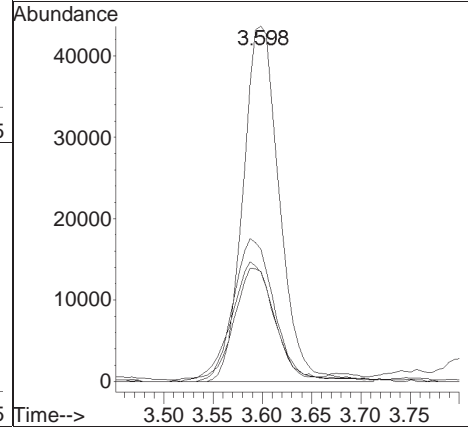
Tgt Ion	Resp	Lower	Upper
43	100		
58	31.4	21.8	32.6

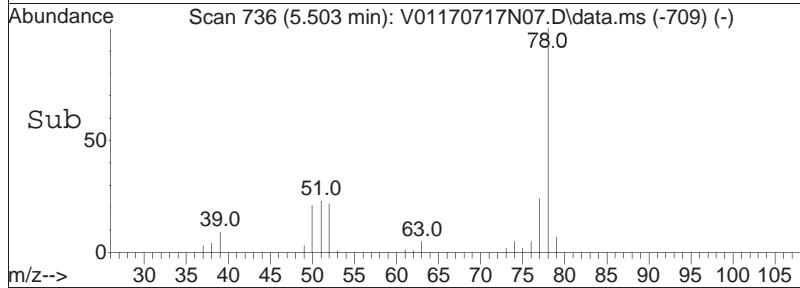
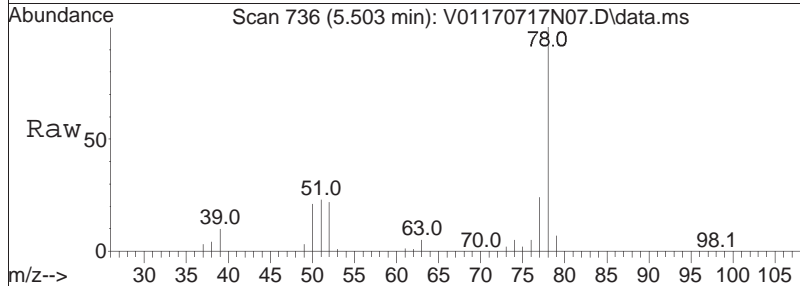
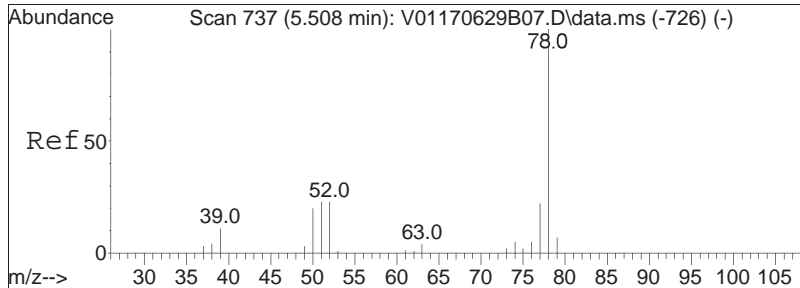




#20
 Methyl tert-butyl ether
 Concen: 10.47 ug/L
 RT: 3.598 min Scan# 387
 Delta R.T. 0.000 min
 Lab File: V01170717N07.D
 Acq: 17 Jul 2017 11:02 pm

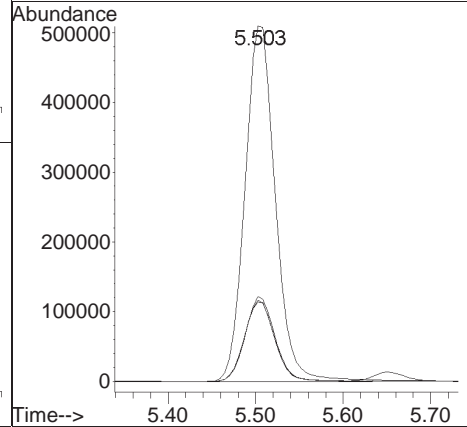
Tgt Ion	Resp	Lower	Upper
73	112530		
57	44.7	13.8	28.8#
43	35.3	14.8	30.8#
41	39.7	13.8	28.6#

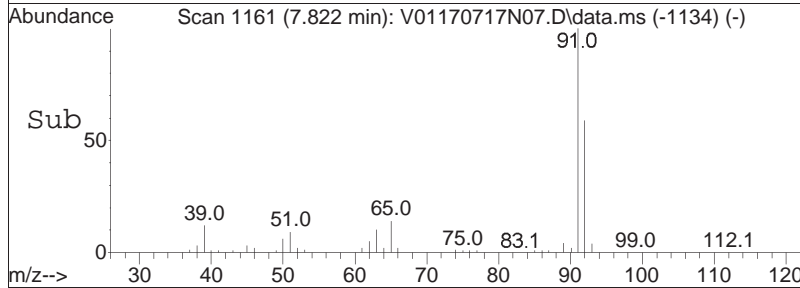
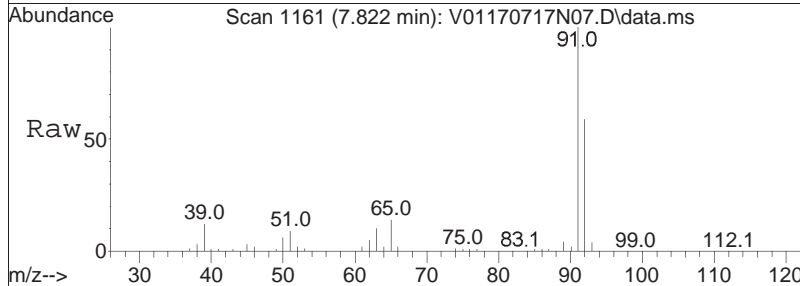
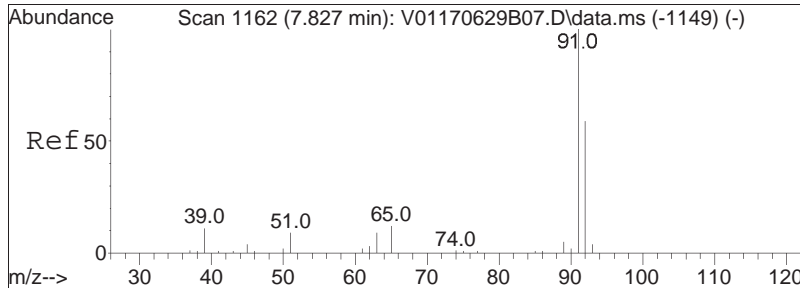




#41
Benzene
Concen: 51.34 ug/L
RT: 5.503 min Scan# 736
Delta R.T. -0.005 min
Lab File: V01170717N07.D
Acq: 17 Jul 2017 11:02 pm

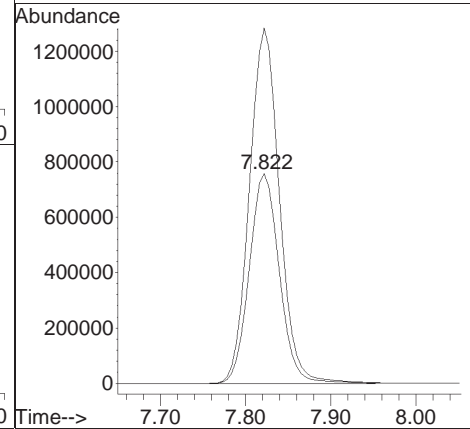
Tgt Ion	Resp	Lower	Upper
78	100		
77	23.5	15.3	31.9
51	22.7	10.9	22.5#
52	22.7	10.1	20.9#

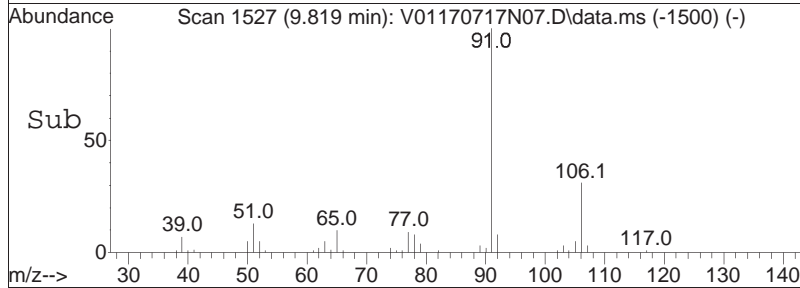
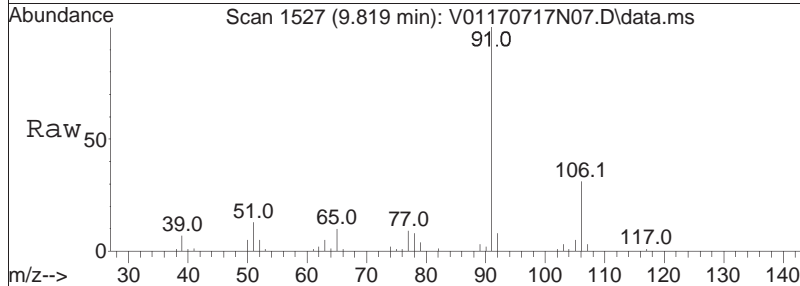
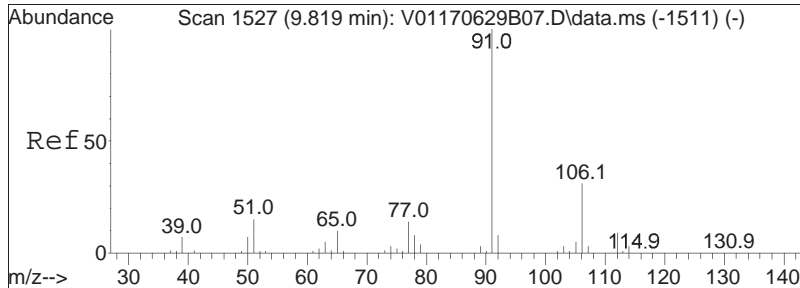




#61
 Toluene
 Concen: 112.09 ug/L
 RT: 7.822 min Scan# 1161
 Delta R.T. -0.005 min
 Lab File: V01170717N07.D
 Acq: 17 Jul 2017 11:02 pm

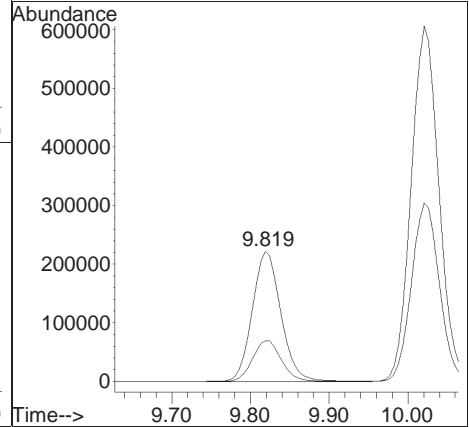
Tgt Ion:	Resp:	Lower	Upper
92	1859549		
91	168.8	138.6	207.8

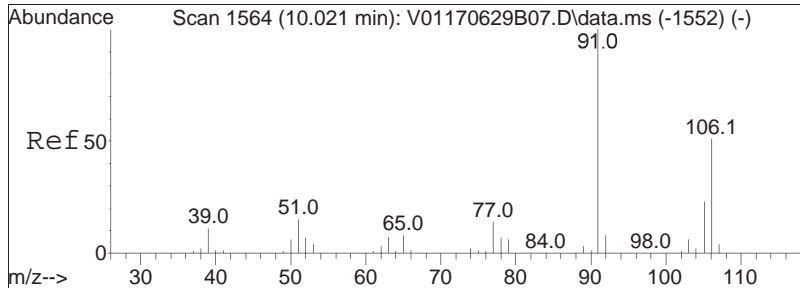




#74
 Ethylbenzene
 Concen: 17.09 ug/L
 RT: 9.819 min Scan# 1527
 Delta R.T. -0.000 min
 Lab File: V01170717N07.D
 Acq: 17 Jul 2017 11:02 pm

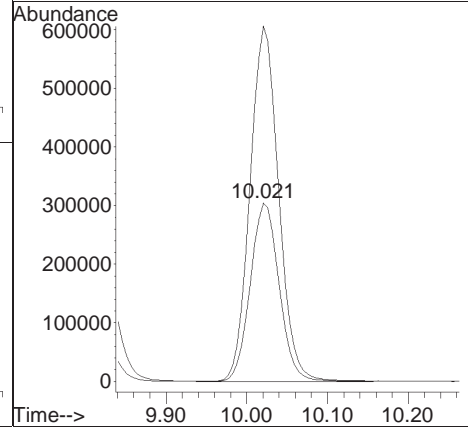
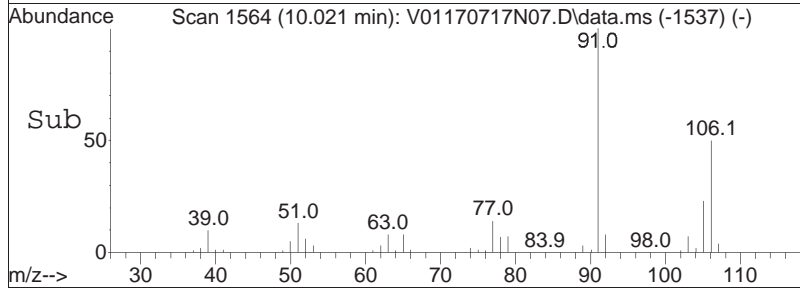
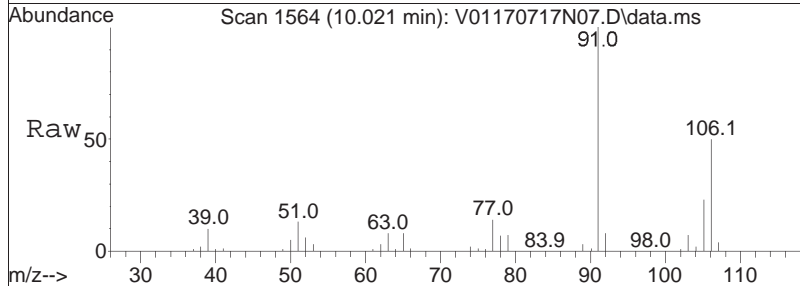
Tgt Ion:	91	106	Resp:	559393
Ion Ratio	100	31.6	Lower	Upper
			23.5	35.3

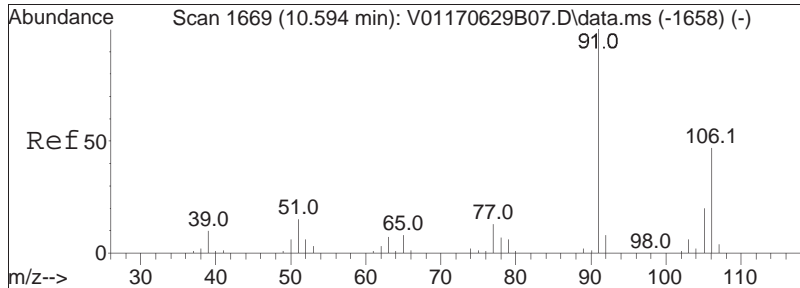




#76
 p/m Xylene
 Concen: 59.67 ug/L
 RT: 10.021 min Scan# 1564
 Delta R.T. -0.000 min
 Lab File: V01170717N07.D
 Acq: 17 Jul 2017 11:02 pm

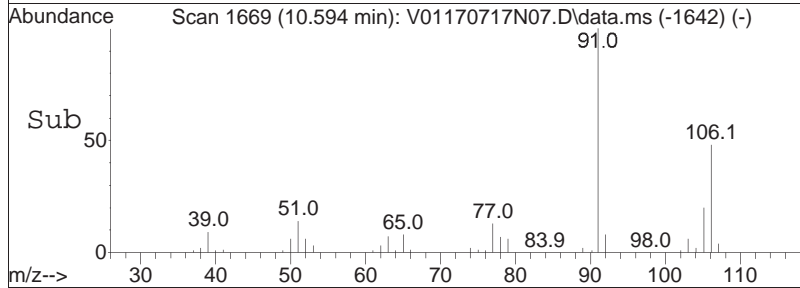
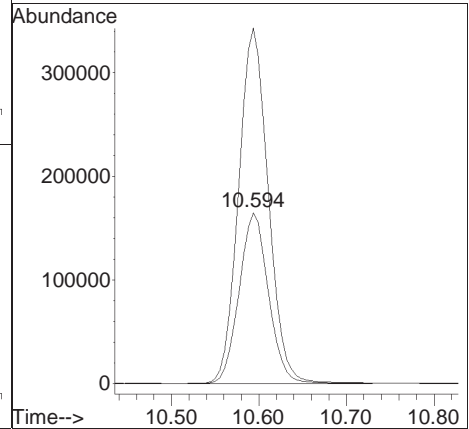
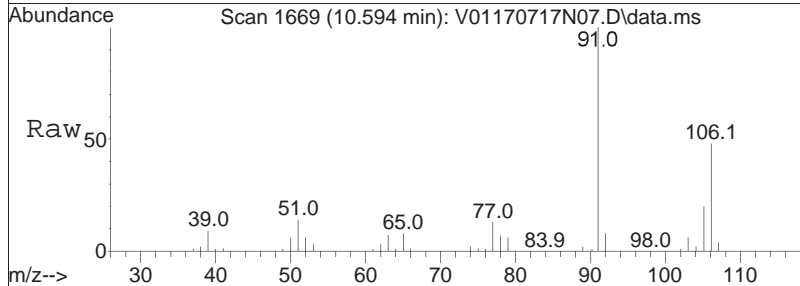
Tgt Ion:	106	Resp:	756493
Ion Ratio	Lower	Upper	
106	100		
91	197.1	174.8	262.2

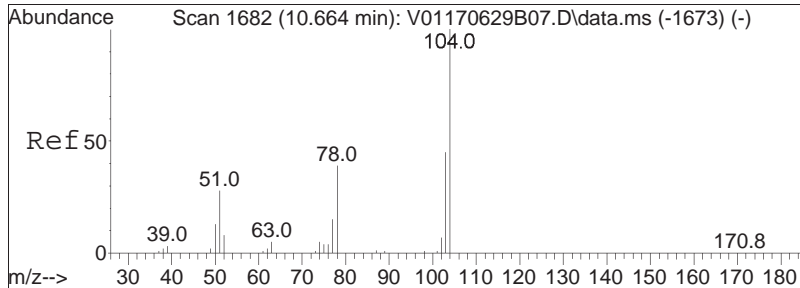




#77
 o Xylene
 Concen: 33.01 ug/L
 RT: 10.594 min Scan# 1669
 Delta R.T. -0.000 min
 Lab File: V01170717N07.D
 Acq: 17 Jul 2017 11:02 pm

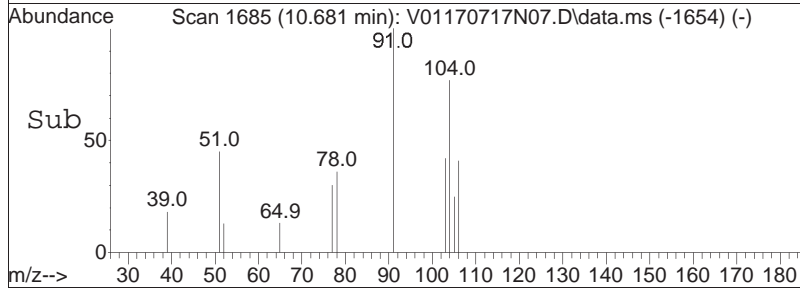
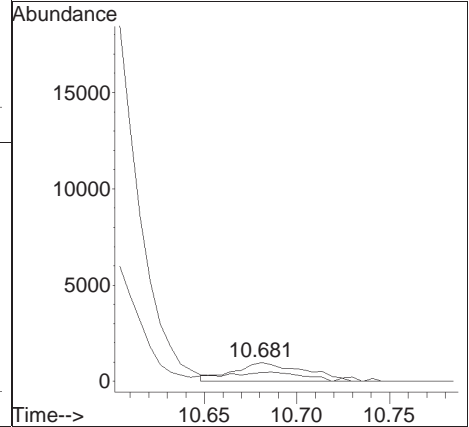
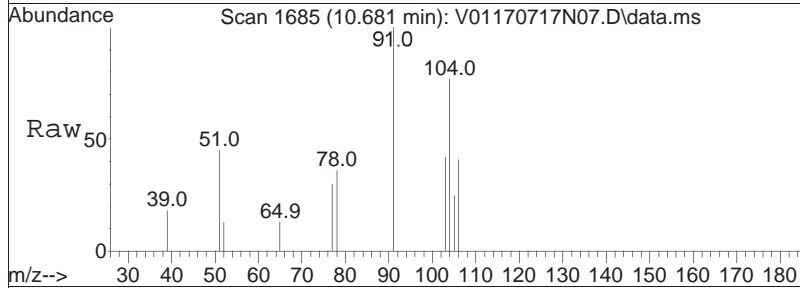
Tgt Ion	Resp	Lower	Upper
106	100		
91	210.5	184.5	276.7

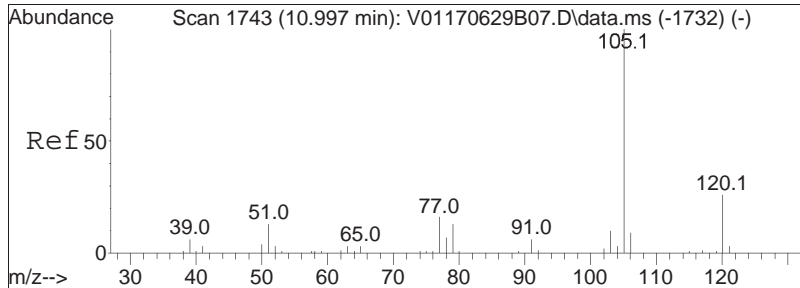




#78
 Styrene
 Concen: 0.14 ug/L
 RT: 10.681 min Scan# 1685
 Delta R.T. 0.017 min
 Lab File: V01170717N07.D
 Acq: 17 Jul 2017 11:02 pm

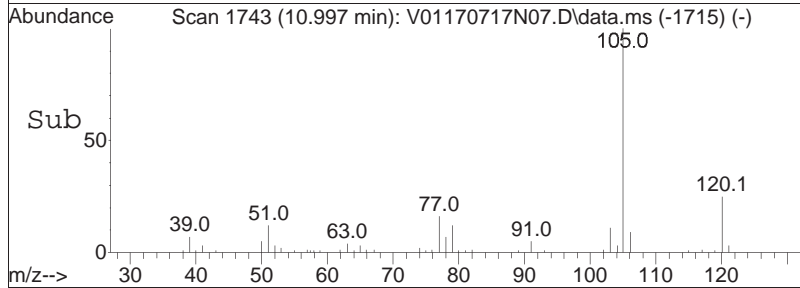
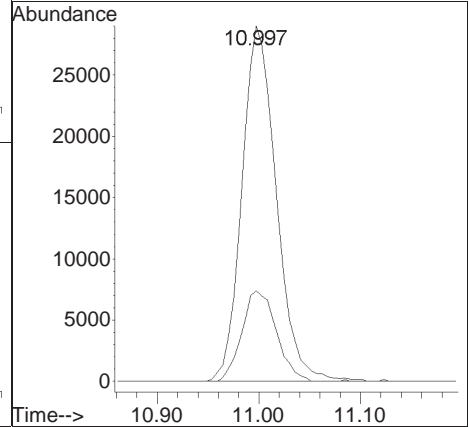
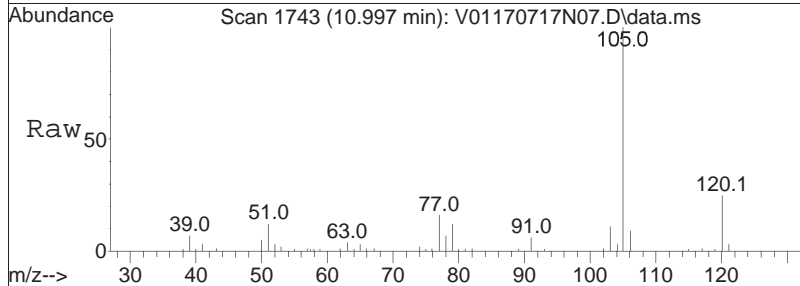
Tgt Ion	Resp	Lower	Upper
104	100		
78	0.0	36.4	54.6#

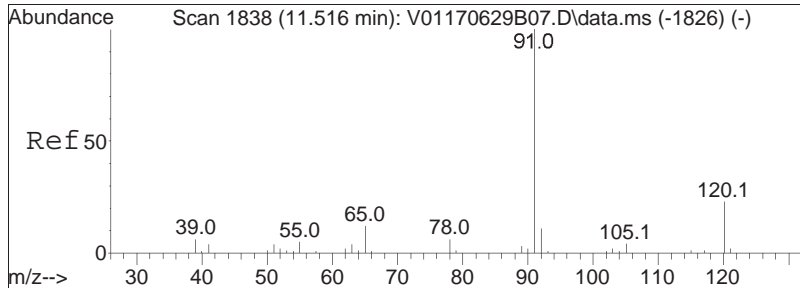




#82
 Isopropylbenzene
 Concen: 1.91 ug/L
 RT: 10.997 min Scan# 1743
 Delta R.T. 0.000 min
 Lab File: V01170717N07.D
 Acq: 17 Jul 2017 11:02 pm

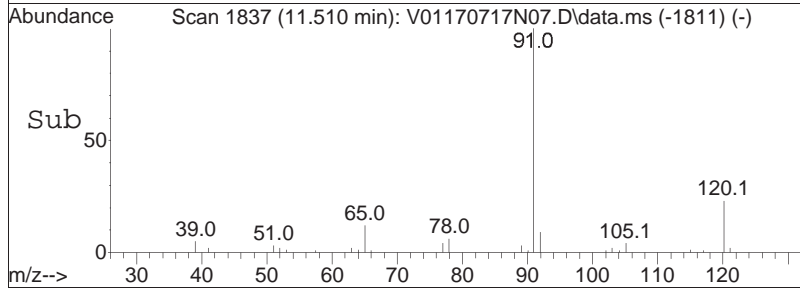
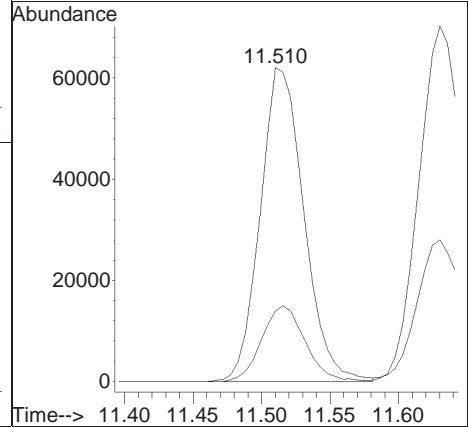
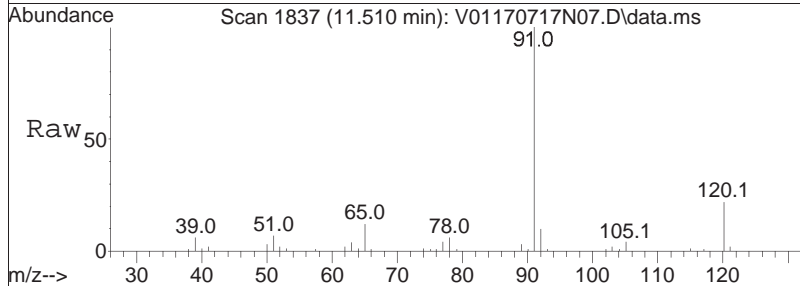
Tgt Ion	Resp	Lower	Upper
105	100		
120	25.6	6.1	46.1

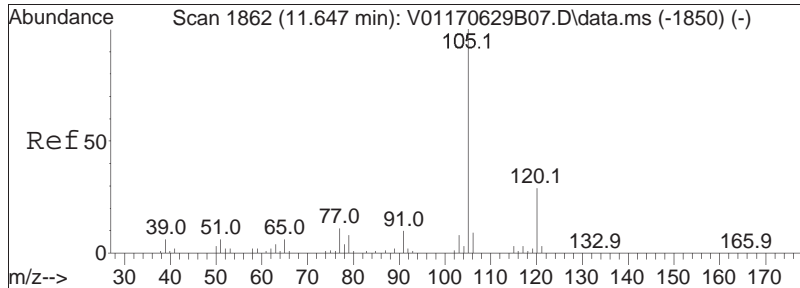




#85
 n-Propylbenzene
 Concen: 3.27 ug/L
 RT: 11.510 min Scan# 1837
 Delta R.T. -0.006 min
 Lab File: V01170717N07.D
 Acq: 17 Jul 2017 11:02 pm

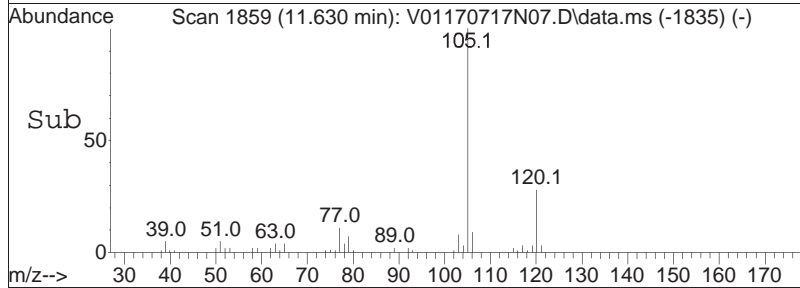
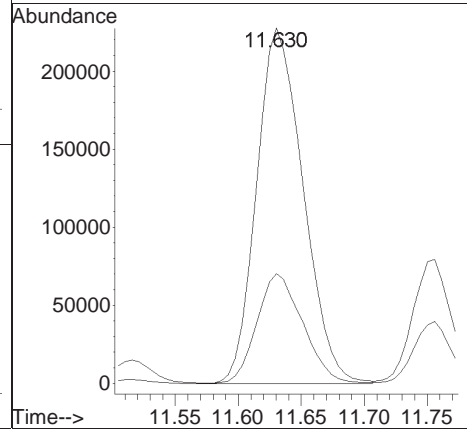
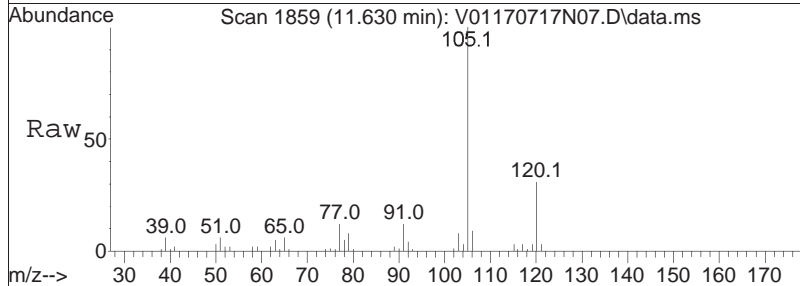
Tgt Ion:	Resp:		
Ion	Ratio	Lower	Upper
91	100		
120	23.8	16.6	25.0

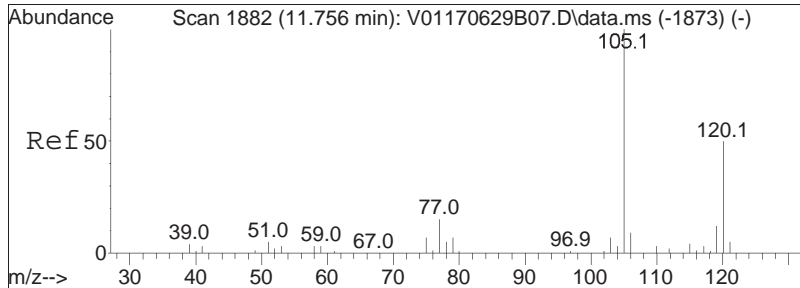




#88
 4-Ethyltoluene
 Concen: 17.62 ug/L
 RT: 11.630 min Scan# 1859
 Delta R.T. -0.017 min
 Lab File: V01170717N07.D
 Acq: 17 Jul 2017 11:02 pm

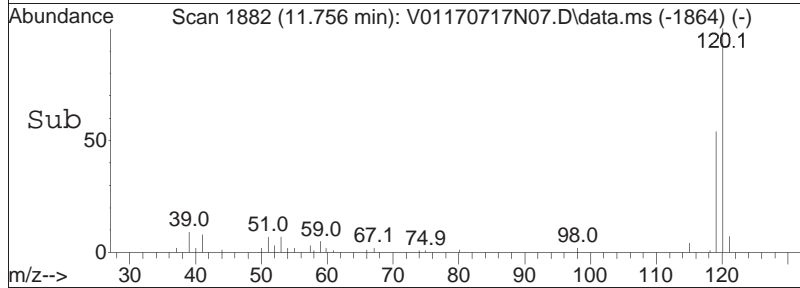
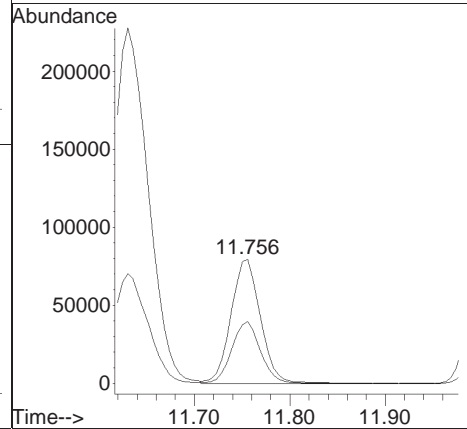
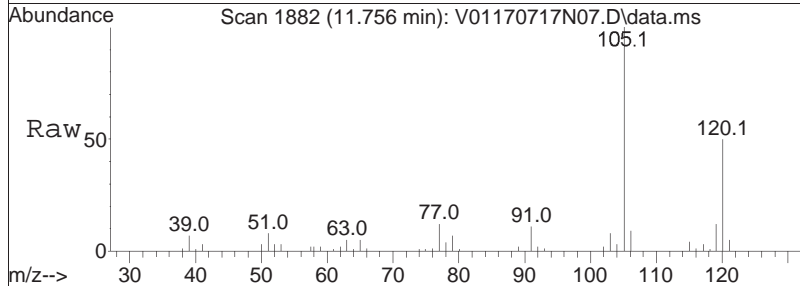
Tgt Ion	Ratio	Lower	Upper
105	100		
120	30.1	18.9	39.1

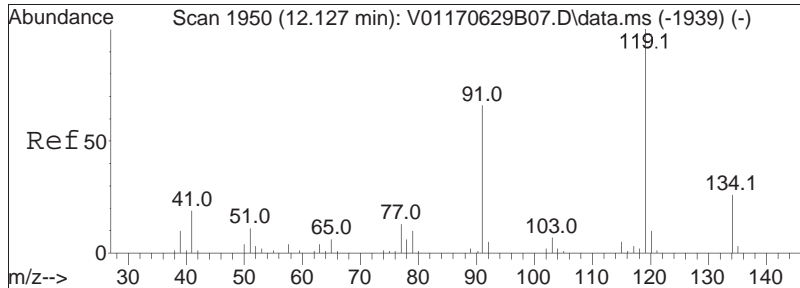




#90
 1,3,5-Trimethylbenzene
 Concen: 6.14 ug/L
 RT: 11.756 min Scan# 1882
 Delta R.T. -0.000 min
 Lab File: V01170717N07.D
 Acq: 17 Jul 2017 11:02 pm

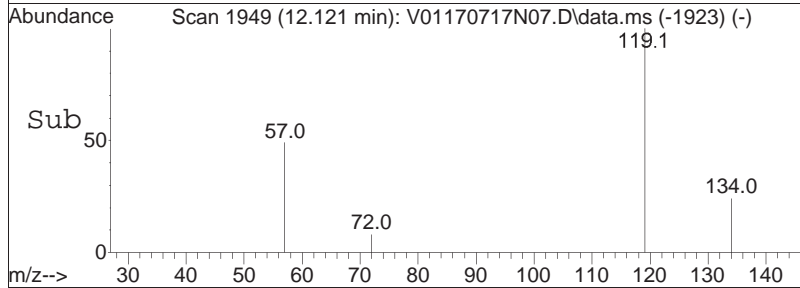
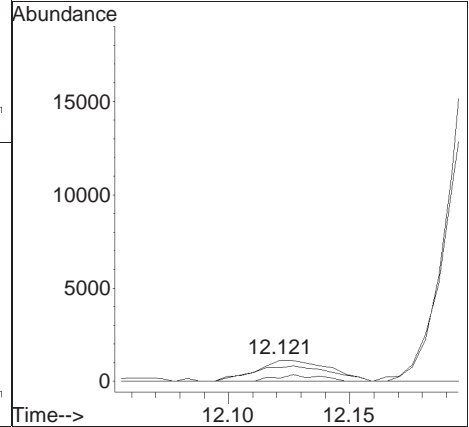
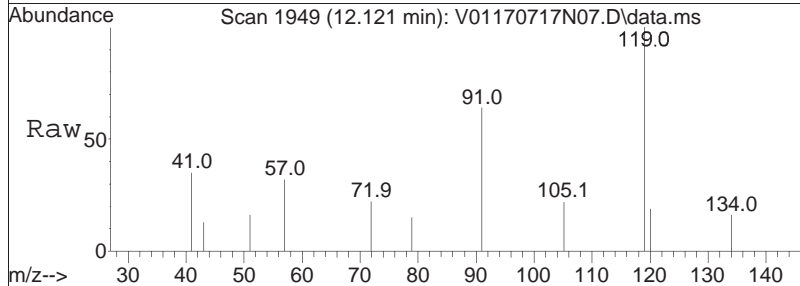
Tgt Ion	Resp	Lower	Upper
105	100		
120	48.6	37.8	56.8

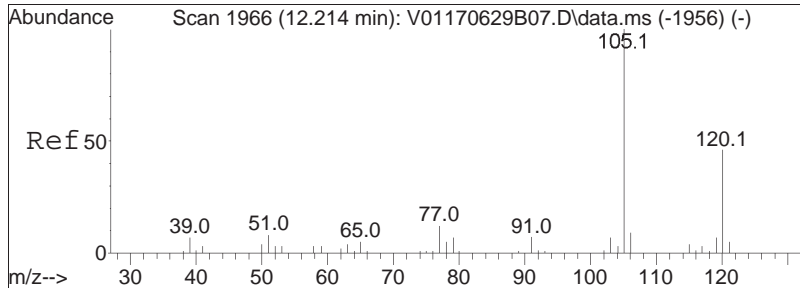




#94
 tert-Butylbenzene
 Concen: 0.10 ug/L
 RT: 12.121 min Scan# 1949
 Delta R.T. -0.006 min
 Lab File: V01170717N07.D
 Acq: 17 Jul 2017 11:02 pm

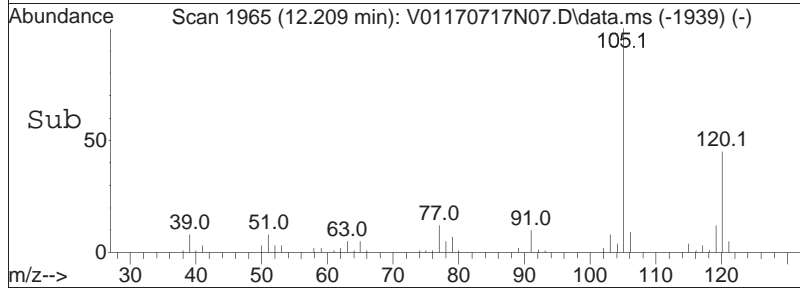
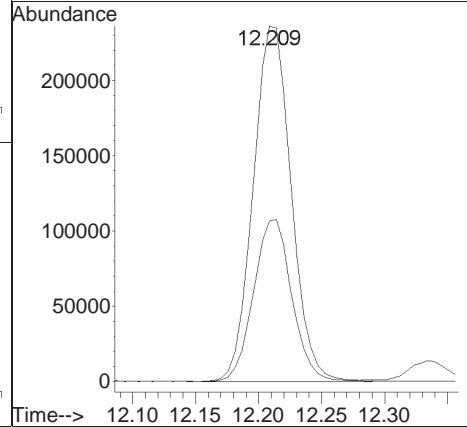
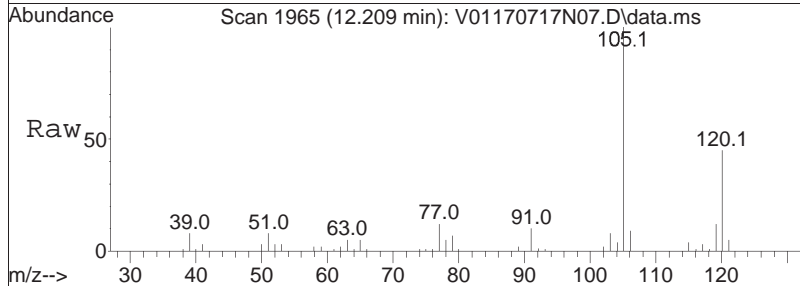
Tgt Ion	Ratio	Lower	Upper
119	100		
91	79.4	60.2	90.4
134	19.7	19.9	29.9#

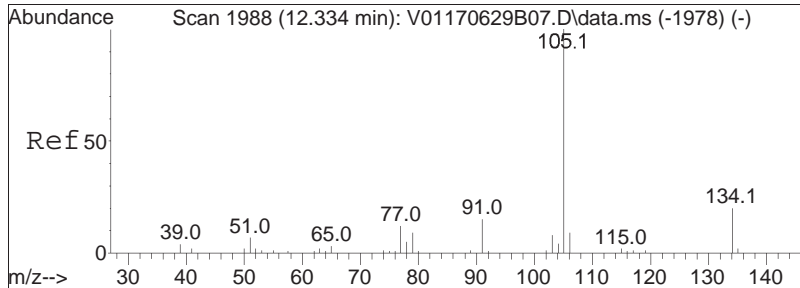




#97
 1,2,4-Trimethylbenzene
 Concen: 17.99 ug/L
 RT: 12.209 min Scan# 1965
 Delta R.T. -0.005 min
 Lab File: V01170717N07.D
 Acq: 17 Jul 2017 11:02 pm

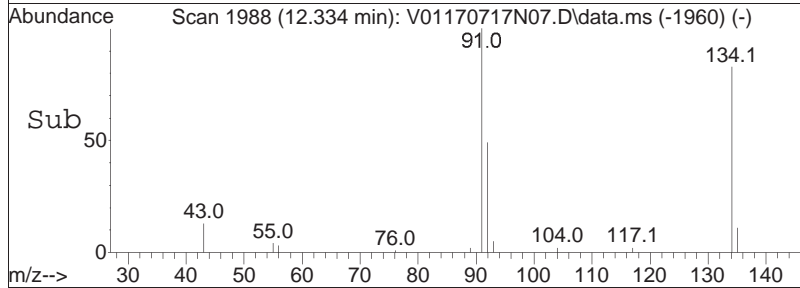
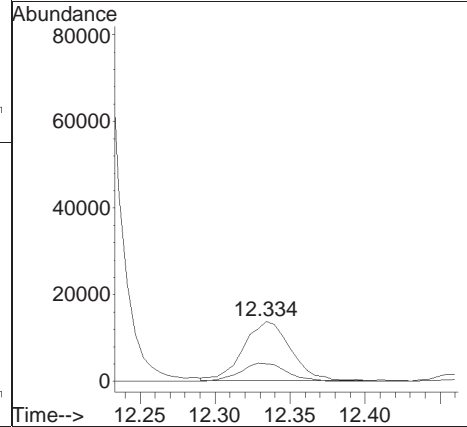
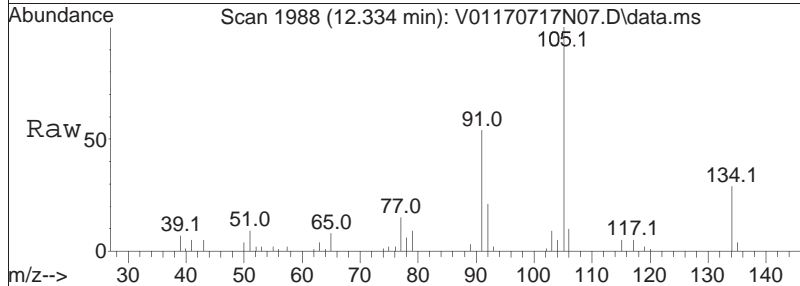
Tgt Ion	Resp	Lower	Upper
105	100		
120	45.8	35.0	52.6

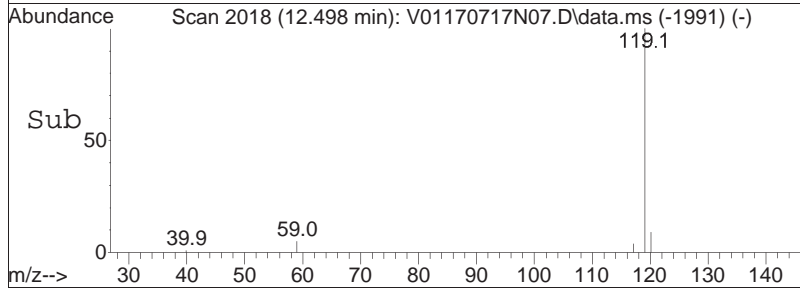
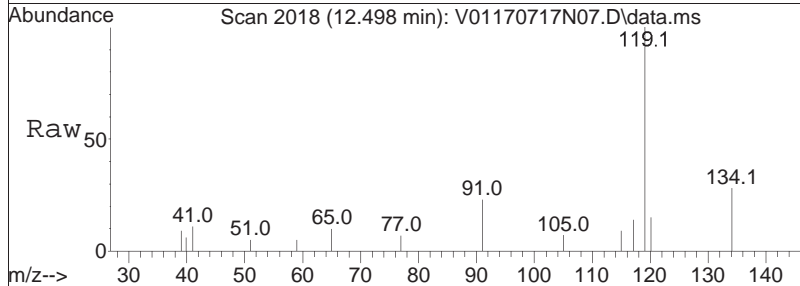
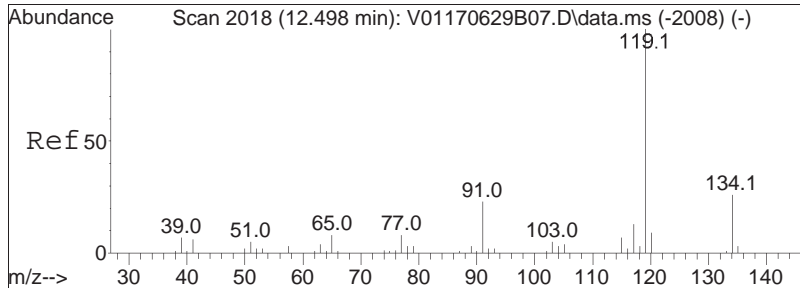




#98
 sec-Butylbenzene
 Concen: 0.87 ug/L
 RT: 12.334 min Scan# 1988
 Delta R.T. 0.000 min
 Lab File: V01170717N07.D
 Acq: 17 Jul 2017 11:02 pm

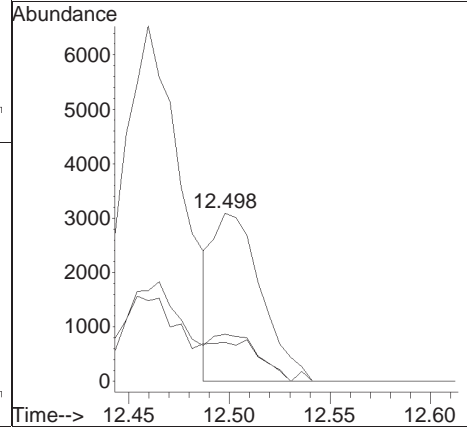
Tgt Ion	Resp	Lower	Upper
105	100		
134	30.9	12.5	26.1#

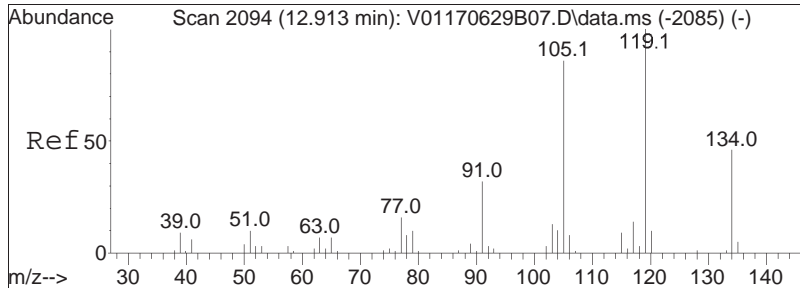




#99
 p-Isopropyltoluene
 Concen: 0.18 ug/L M2
 RT: 12.498 min Scan# 2018
 Delta R.T. -0.000 min
 Lab File: V01170717N07.D
 Acq: 17 Jul 2017 11:02 pm

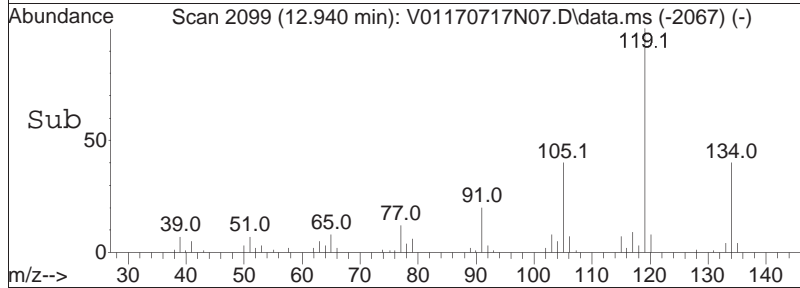
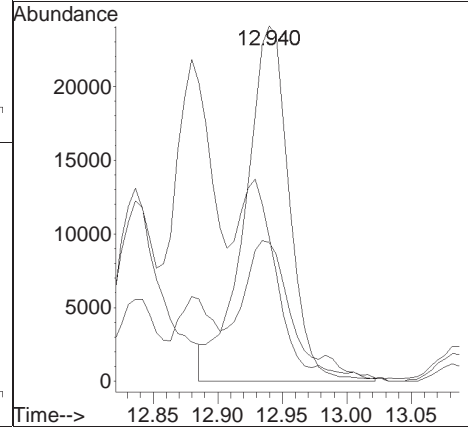
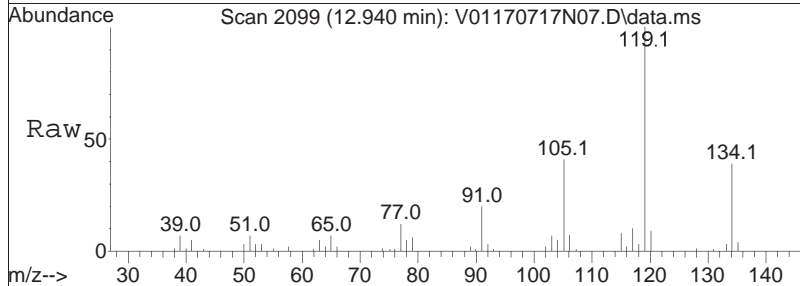
Tgt Ion	Resp	Lower	Upper
119	100		
134	71.9	17.2	35.6#
91	68.2	17.7	36.9#

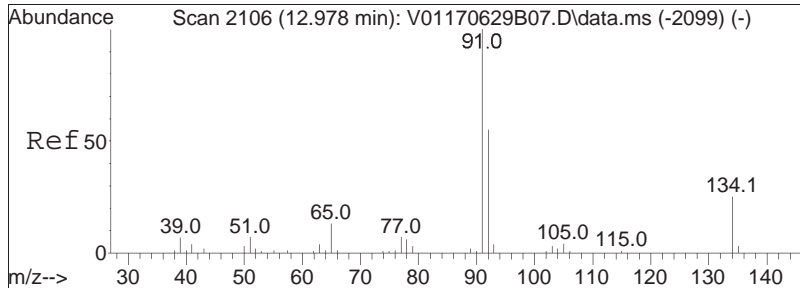




#102
 p-Diethylbenzene
 Concen: 3.71 ug/L M2
 RT: 12.940 min Scan# 2099
 Delta R.T. 0.027 min
 Lab File: V01170717N07.D
 Acq: 17 Jul 2017 11:02 pm

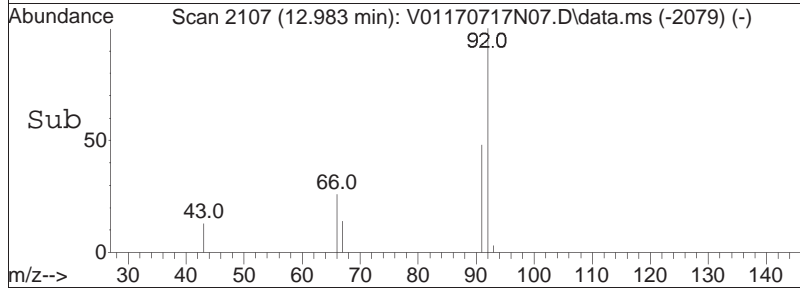
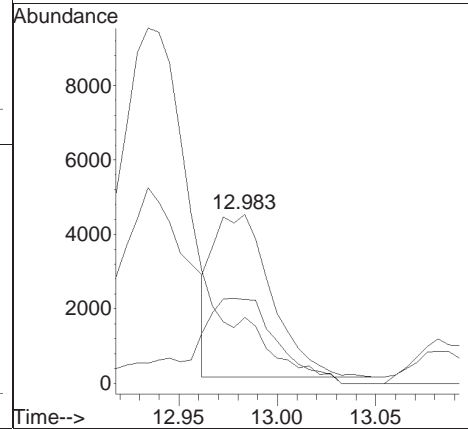
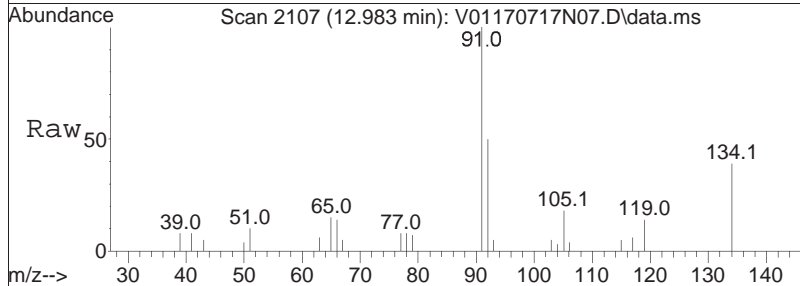
Tgt Ion	Ratio	Lower	Upper
119	100		
105	40.0	57.7	119.9#
134	18.7	30.0	62.2#

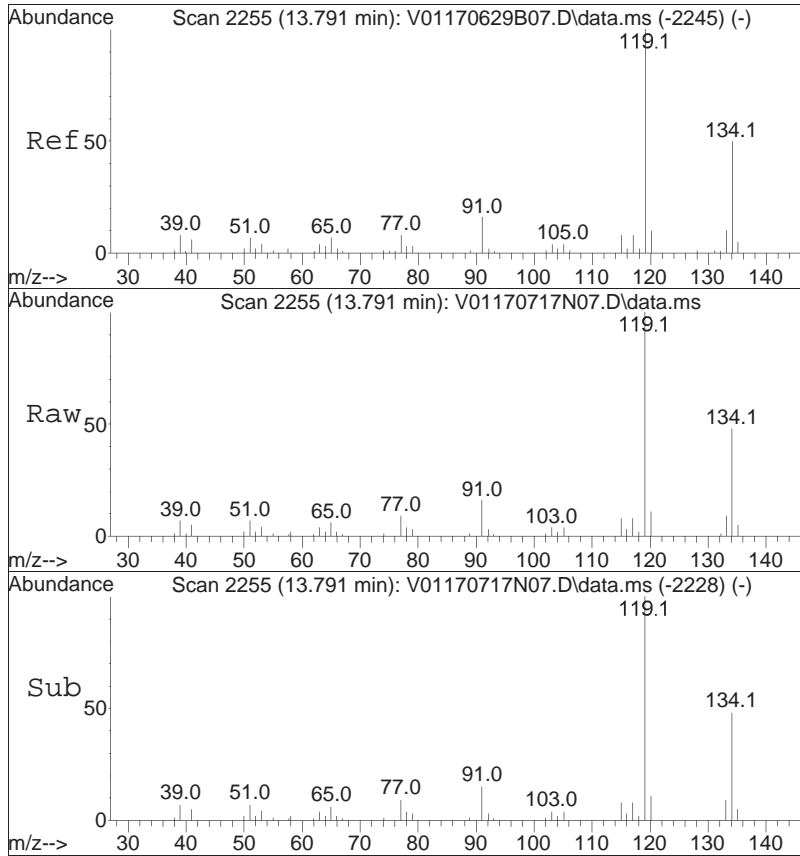




#103
 n-Butylbenzene
 Concen: 0.37 ug/L
 RT: 12.983 min Scan# 2107
 Delta R.T. 0.005 min
 Lab File: V01170717N07.D
 Acq: 17 Jul 2017 11:02 pm

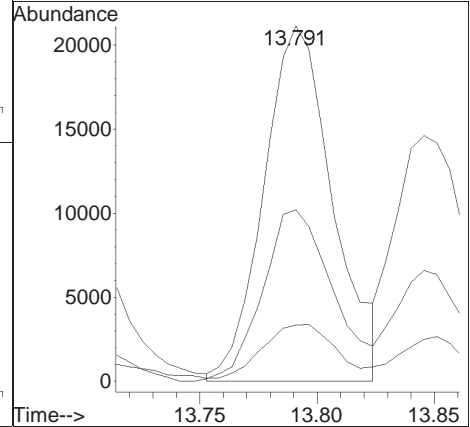
Tgt Ion:	Resp:		
Ion	Ratio	Lower	Upper
91	100		
92	78.8	43.4	65.0#
134	0.0	19.0	28.4#

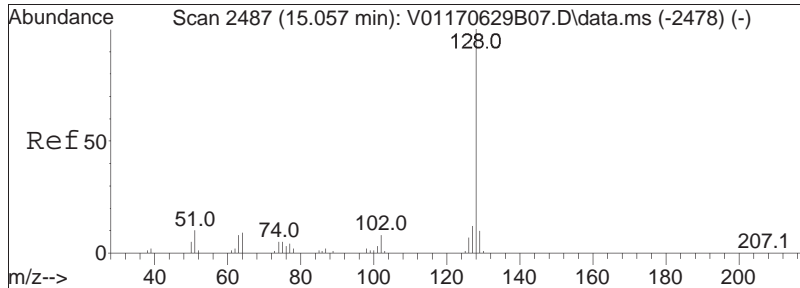




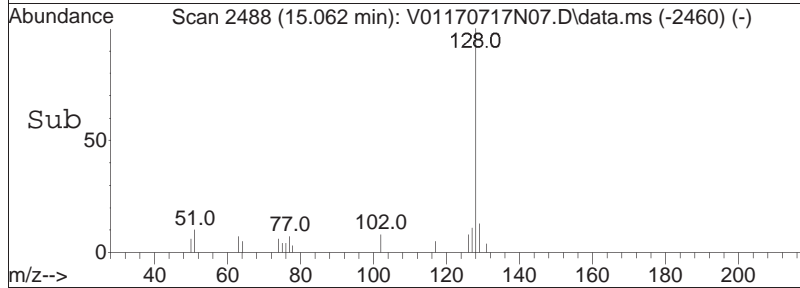
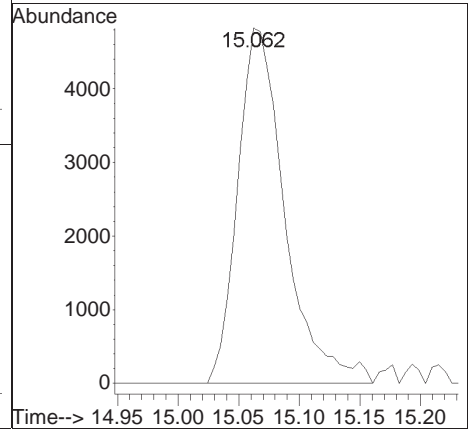
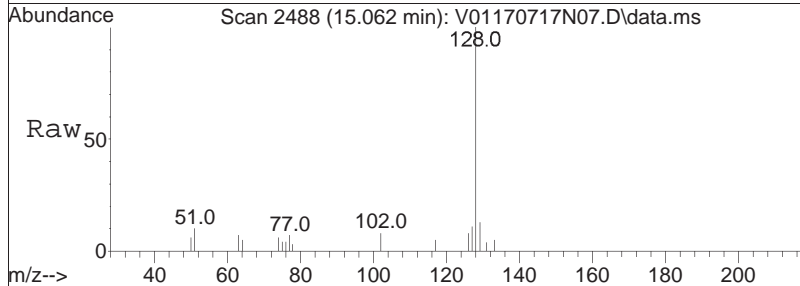
#105
 1,2,4,5-Tetramethylbenzene
 Concen: 2.21 ug/L M1
 RT: 13.791 min Scan# 2255
 Delta R.T. -0.000 min
 Lab File: V01170717N07.D
 Acq: 17 Jul 2017 11:02 pm

Tgt Ion	Resp	Lower	Upper
119	43230		
119	100		
134	49.2	29.3	60.9
91	15.3	11.8	24.4





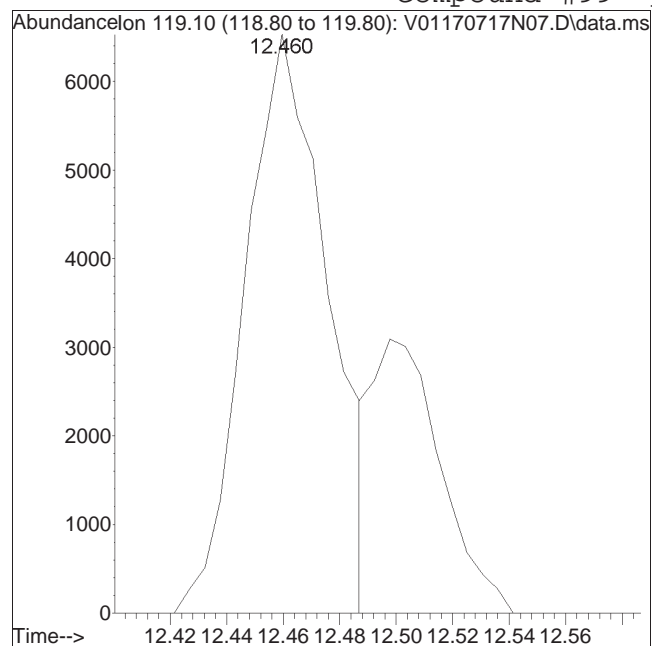
#110
 Naphthalene
 Concen: 2.26 ug/L
 RT: 15.062 min Scan# 2488
 Delta R.T. 0.005 min
 Lab File: V01170717N07.D
 Acq: 17 Jul 2017 11:02 pm
 Tgt Ion:128 Resp: 13082



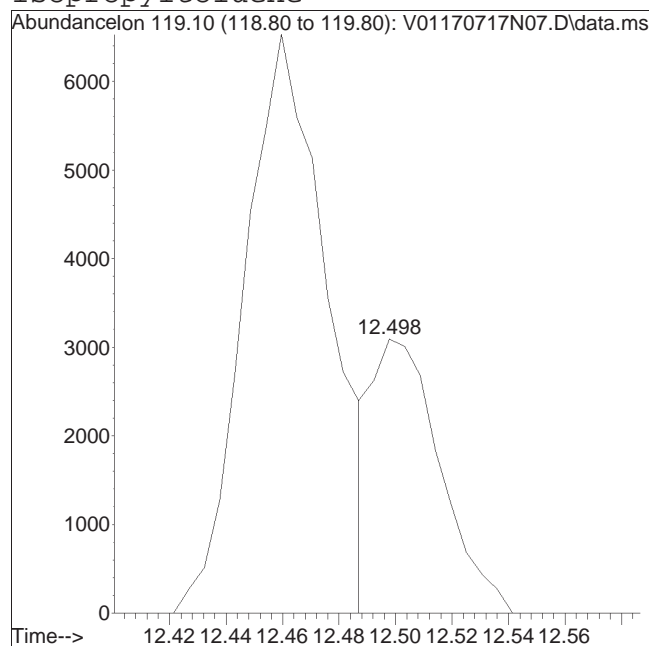
Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2017\1QMethod : V101_170629B_8260.m
Data File : V01170717N07.D Operator : VOA101:PK
Date Inj'd : 7/17/2017 11:02 pm Instrument : VOA 101
Sample : 11723686-23D,31,5,10,,c Quant Date : 7/18/2017 7:40 am

Compound #99: p-Isopropyltoluene



Original Peak Response = 13345



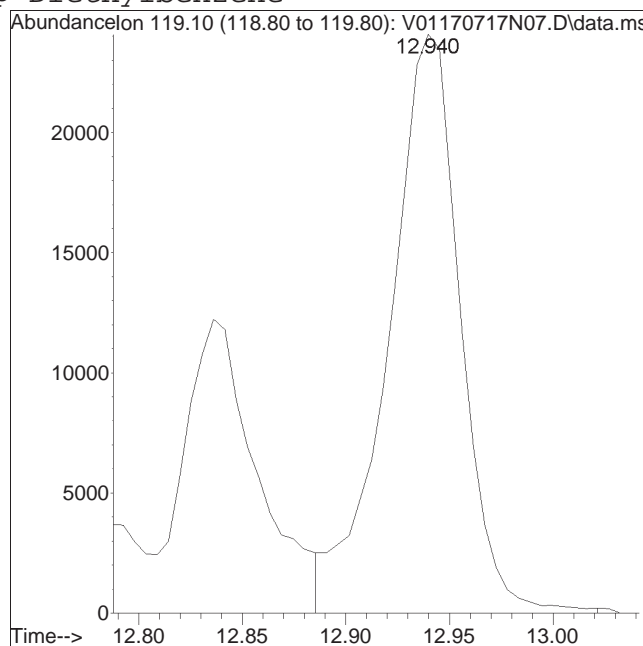
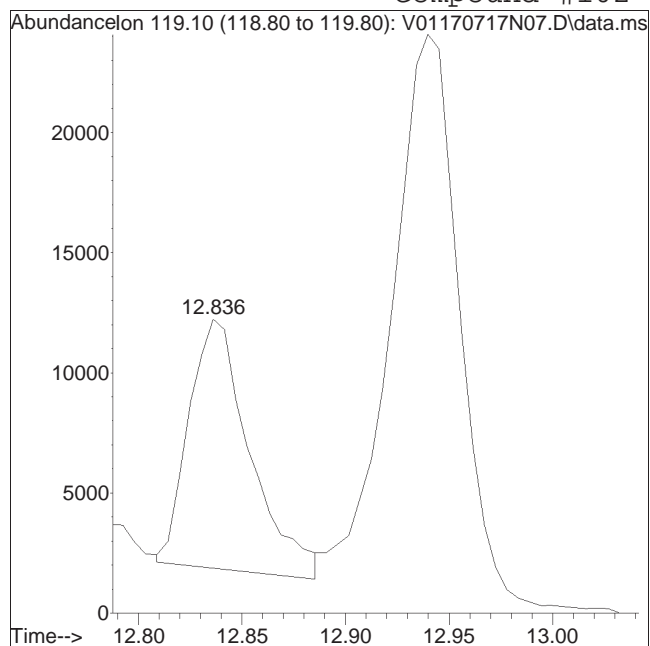
Manual Peak Response = 5195 M2

M2 = Peak not found by automatic integration algorithm.

Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2017\1QMethod : V101_170629B_8260.m
Data File : V01170717N07.D Operator : VOA101:PK
Date Inj'd : 7/17/2017 11:02 pm Instrument : VOA 101
Sample : 11723686-23D,31,5,10,,c Quant Date : 7/18/2017 7:40 am

Compound #102: p-Diethylbenzene



Original Peak Response = 21165

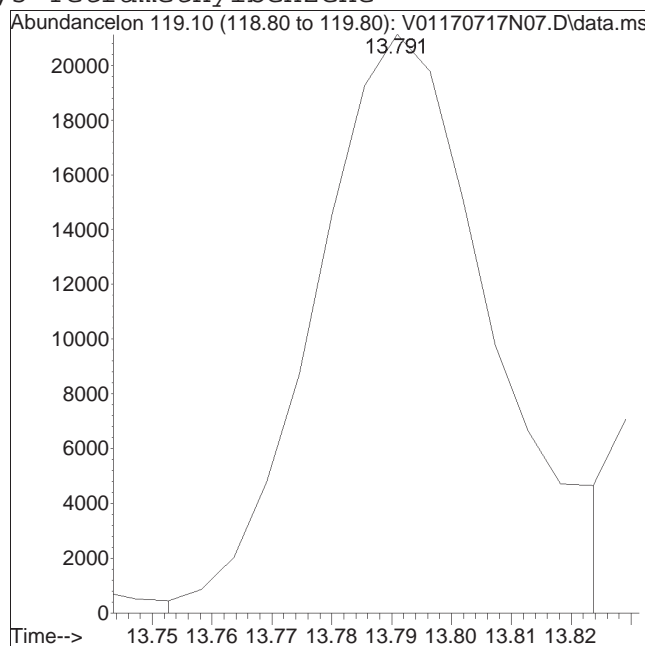
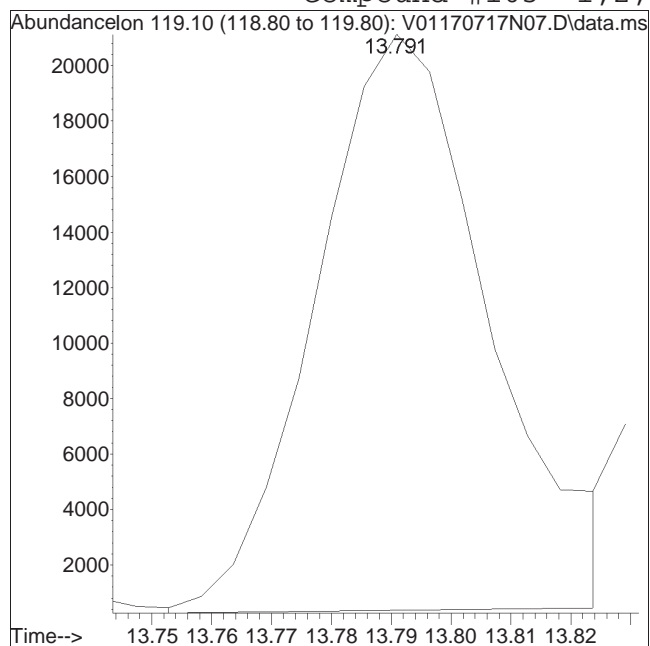
Manual Peak Response = 57685 M2

M2 = Peak not found by automatic integration algorithm.

Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2017\1QMethod : V101_170629B_8260.m
Data File : V01170717N07.D Operator : VOA101:PK
Date Inj'd : 7/17/2017 11:02 pm Instrument : VOA 101
Sample : 11723686-23D,31,5,10,,c Quant Date : 7/18/2017 7:40 am

Compound #105: 1,2,4,5-Tetramethylbenzene



Original Peak Response = 41694

Manual Peak Response = 43230 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA117\2017\170718A\
 Data File : V17170718A21.D
 Acq On : 18 Jul 2017 15:55
 Operator : VOA117:CBN
 Sample : 11723686-04D,31H,20.9,5,0.004,,a
 Misc : WG1023786,ICAL13689
 ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jul 19 07:15:46 2017
 Quant Method : I:\VOLATILES\VOA117\2017\170718A\V117_170525_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 25 12:01:44 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA117\2017\170718A\V17170718A01.D
 Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Fluorobenzene	6.348	96	147522	20.000	ug/L	0.00
Standard Area 1 = 159272			Recovery =	92.62%		
59) Chlorobenzene-d5	9.913	117	111046	20.000	ug/L	0.00
Standard Area 1 = 122212			Recovery =	90.86%		
79) 1,4-Dichlorobenzene-d4	12.534	152	58416	20.000	ug/L	0.00
Standard Area 1 = 67127			Recovery =	87.02%		
System Monitoring Compounds						
36) Dibromofluoromethane	5.519	113	36393	18.486	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery =	92.43%		
43) 1,2-Dichloroethane-d4	6.064	65	37560	18.637	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery =	93.19%		
60) Toluene-d8	8.057	98	148713	20.689	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery =	103.45%		
83) 4-Bromofluorobenzene	11.355	95	54778	21.473	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery =	107.36%		
Target Compounds						
2) Dichlorodifluoromethane	0.000		0		N.D.	
3) Chloromethane	0.000		0		N.D. d	
4) Vinyl chloride	0.000		0		N.D.	
5) Bromomethane	0.000		0		N.D.	
6) Chloroethane	0.000		0		N.D.	
7) Trichlorofluoromethane	0.000		0		N.D.	
8) Ethyl ether	0.000		0		N.D.	
10) 1,1-Dichloroethene	0.000		0		N.D.	
11) Carbon disulfide	3.233	76	21933	2.514	ug/L	96
15) Methylene chloride	3.778	84	2058	0.798	ug/L #	20
17) Acetone	0.000		0		N.D. d	
18) trans-1,2-Dichloroethene	0.000		0		N.D.	
20) Methyl tert-butyl ether	0.000		0		N.D.	
23) 1,1-Dichloroethane	0.000		0		N.D. d	
25) Acrylonitrile	0.000		0		N.D. d	
27) Vinyl acetate	0.000		0		N.D. d	
28) cis-1,2-Dichloroethene	0.000		0		N.D.	
29) 2,2-Dichloropropane	0.000		0		N.D. d	
30) Bromochloromethane	0.000		0		N.D.	
32) Chloroform	0.000		0		N.D. d	

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA117\2017\170718A\
 Data File : V17170718A21.D
 Acq On : 18 Jul 2017 15:55
 Operator : VOA117:CBN
 Sample : 11723686-04D,31H,20.9,5,0.004,,a
 Misc : WG1023786,ICAL13689
 ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jul 19 07:15:46 2017
 Quant Method : I:\VOLATILES\VOA117\2017\170718A\V117_170525_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 25 12:01:44 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA117\2017\170718A\V17170718A01.D
 Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Carbon tetrachloride	0.000		0		N.D.	
37) 1,1,1-Trichloroethane	0.000		0		N.D. d	
39) 2-Butanone	0.000		0		N.D. d	
40) 1,1-Dichloropropene	0.000		0		N.D.	
41) Benzene	5.928	78	106334	10.192	ug/L	99
44) 1,2-Dichloroethane	6.091	62	51		N.D.	
48) Trichloroethene	0.000		0		N.D. d	
50) Dibromomethane	0.000		0		N.D. d	
51) 1,2-Dichloropropane	0.000		0		N.D. d	
54) Bromodichloromethane	0.000		0		N.D. d	
57) 1,4-Dioxane	0.000		0		N.D.	
58) cis-1,3-Dichloropropene	0.000		0		N.D.	
61) Toluene	8.114	92	2613369	438.942	ug/L	100
62) 4-Methyl-2-pentanone	0.000		0		N.D. d	
63) Tetrachloroethene	0.000		0		N.D.	
65) trans-1,3-Dichloropropene	0.000		0		N.D.	
68) 1,1,2-Trichloroethane	0.000		0		N.D. d	
69) Chlorodibromomethane	0.000		0		N.D.	
70) 1,3-Dichloropropane	0.000		0		N.D.	
71) 1,2-Dibromoethane	0.000		0		N.D.	
72) 2-Hexanone	0.000		0		N.D. d	
73) Chlorobenzene	0.000		0		N.D.	
74) Ethylbenzene	9.971	91	1966656	166.354	ug/L	99
75) 1,1,1,2-Tetrachloroethane	0.000		0		N.D.	
76) p/m Xylene	10.159	106	2534856	557.725	ug/L	96
77) o Xylene	10.673	106	961522	223.039	ug/L	95
78) Styrene	10.736	104	3580	0.506	ug/L #	33
80) Bromoform	0.000		0		N.D.	
82) Isopropylbenzene	11.040	105	109409	9.957	ug/L	99
84) Bromobenzene	0.000		0		N.D.	
85) n-Propylbenzene	11.502	91	477497	34.901	ug/L	98
87) 1,1,2,2-Tetrachloroethane	11.575	83	135		N.D.	
88) 4-Ethyltoluene	11.606	105	1996127	181.801	ug/L	99
89) 2-Chlorotoluene	0.000		0		N.D. d	
90) 1,3,5-Trimethylbenzene	11.716	105	587870	59.730	ug/L	98
91) 1,2,3-Trichloropropane	0.000		0		N.D. d	
92) trans-1,4-Dichloro-2-b...	0.000		0		N.D. d	
93) 4-Chlorotoluene	0.000		0		N.D. d	
94) tert-Butylbenzene	0.000		0		N.D. d	

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA117\2017\170718A\
 Data File : V17170718A21.D
 Acq On : 18 Jul 2017 15:55
 Operator : VOA117:CBN
 Sample : 11723686-04D,31H,20.9,5,0.004,,a
 Misc : WG1023786,ICAL13689
 ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jul 19 07:15:46 2017
 Quant Method : I:\VOLATILES\VOA117\2017\170718A\V117_170525_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 25 12:01:44 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA117\2017\170718A\V17170718A01.D
 Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97) 1,2,4-Trimethylbenzene	12.131	105	1916999	197.601	ug/L	98
98) sec-Butylbenzene	12.241	105	38384M2	3.109	ug/L	
99) p-Isopropyltoluene	12.388	119	12966M2	1.243	ug/L	
100) 1,3-Dichlorobenzene	0.000		0	N.D.		
101) 1,4-Dichlorobenzene	0.000		0	N.D.		
102) p-Diethylbenzene	12.781	119	287694	44.887	ug/L	85
103) n-Butylbenzene	12.812	91	69793	6.471	ug/L #	82
104) 1,2-Dichlorobenzene	0.000		0	N.D.		
105) 1,2,4,5-Tetramethylben...	13.536	119	117612	12.163	ug/L	96
106) 1,2-Dibromo-3-chloropr...	0.000		0	N.D.		
108) Hexachlorobutadiene	0.000		0	N.D.		
109) 1,2,4-Trichlorobenzene	0.000		0	N.D.		
110) Naphthalene	14.653	128	159478	24.189	ug/L	100
111) 1,2,3-Trichlorobenzene	0.000		0	N.D.		

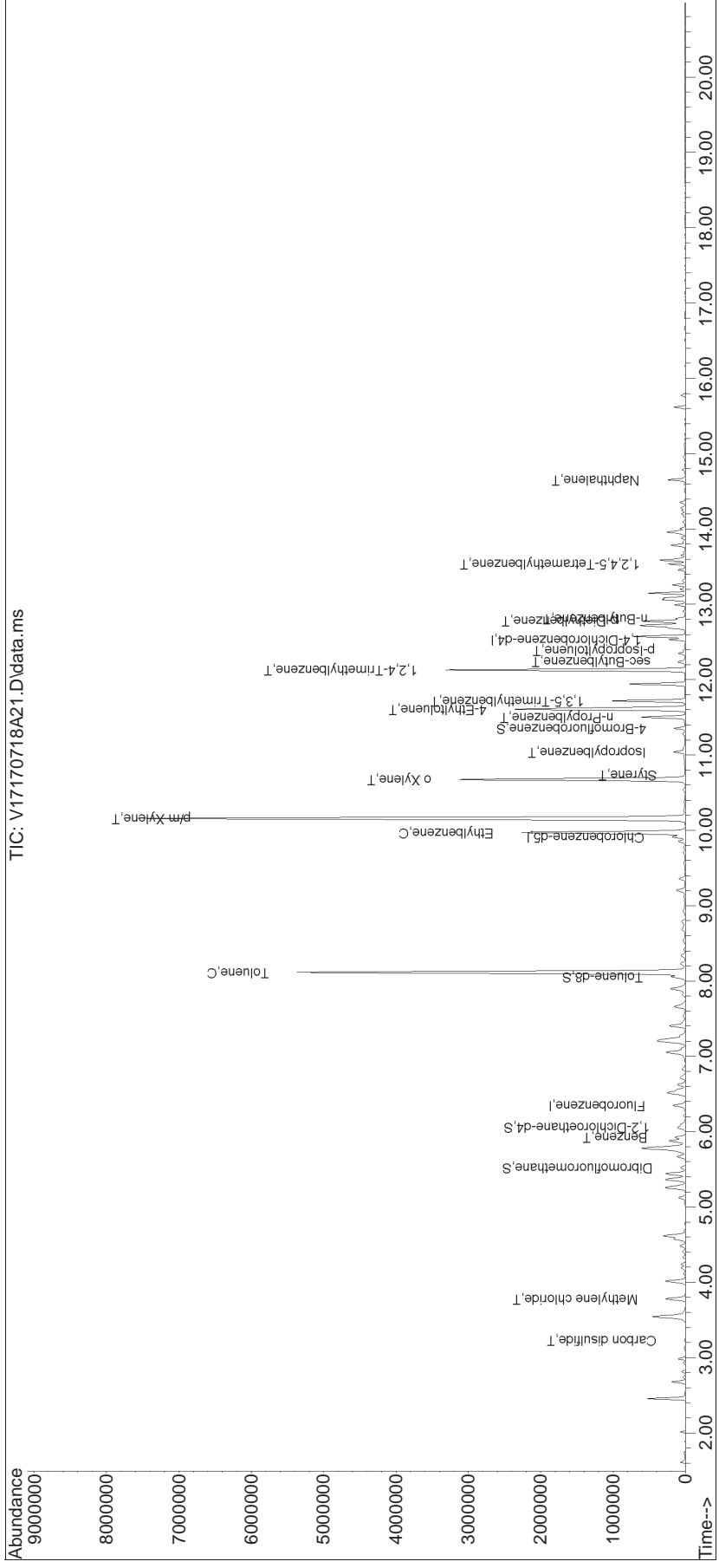
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

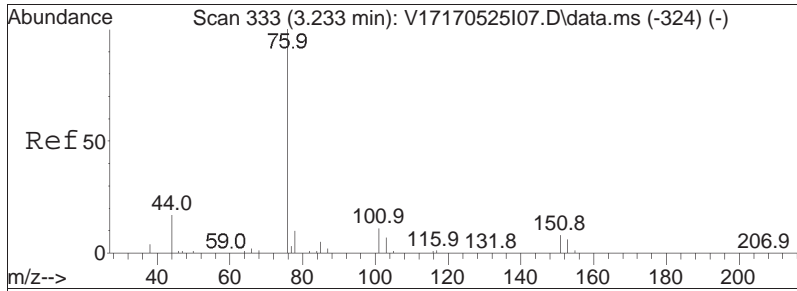
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA117\2017\170718A\
Data File : V17170718A21.D
Acq On : 18 Jul 2017 15:55
Operator : VOA117:CBN
Sample : 11723686-04D,31H,20.9,5,0.004,,a
Misc : WG1023786,ICAL13689
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jul 19 07:15:46 2017
Quant Method : I:\VOLATILES\VOA117\2017\170718A\170525_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu May 25 12:01:44 2017
Response via : Initial Calibration

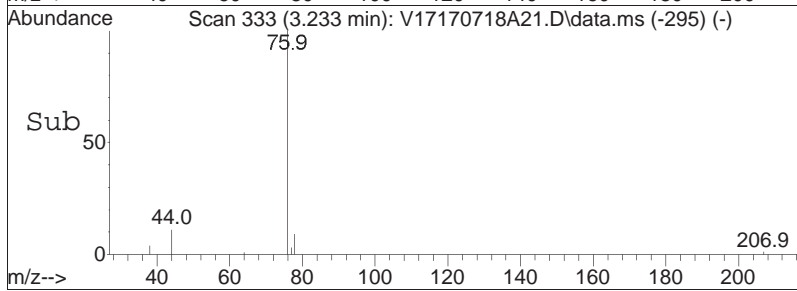
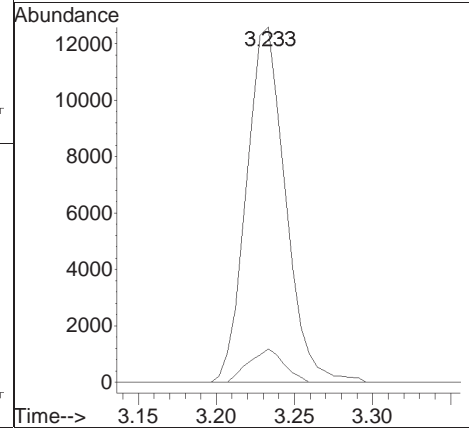
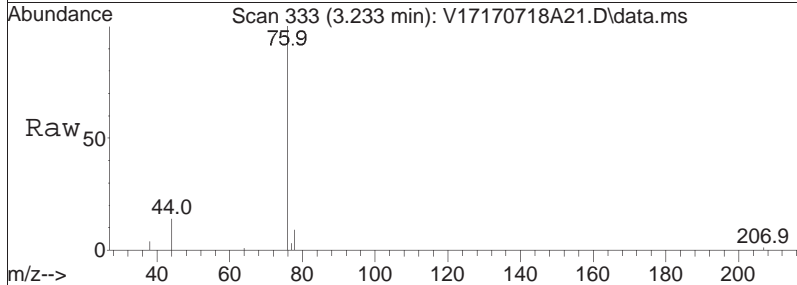
Sub List : 8260-NYTCL - Megamix plus Diox70718A\V17170718A01.D•

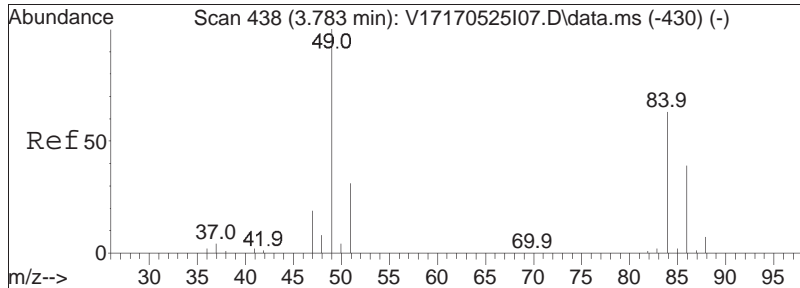




#11
 Carbon disulfide
 Concen: 2.51 ug/L
 RT: 3.233 min Scan# 333
 Delta R.T. 0.000 min
 Lab File: V17170718A21.D
 Acq: 18 Jul 2017 15:55

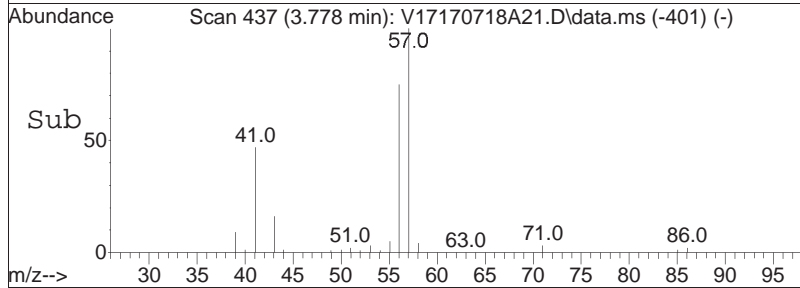
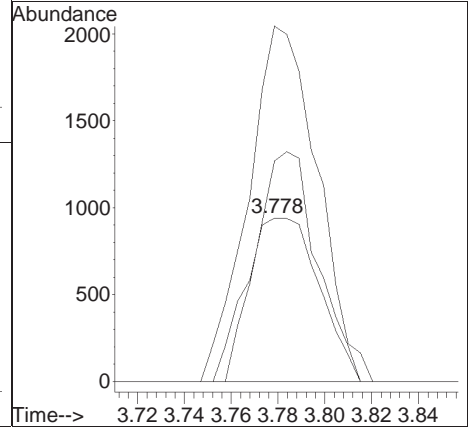
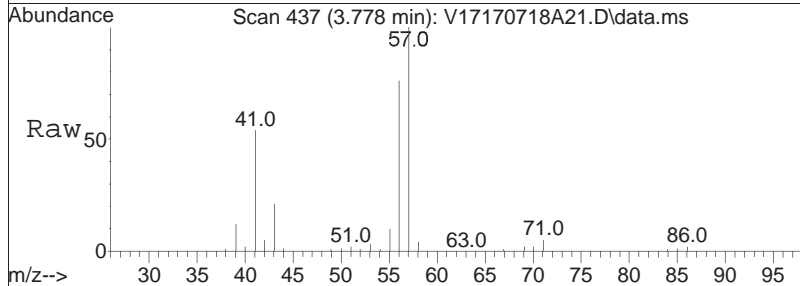
Tgt Ion	Resp	Lower	Upper
76	100		
78	8.5	6.4	13.4

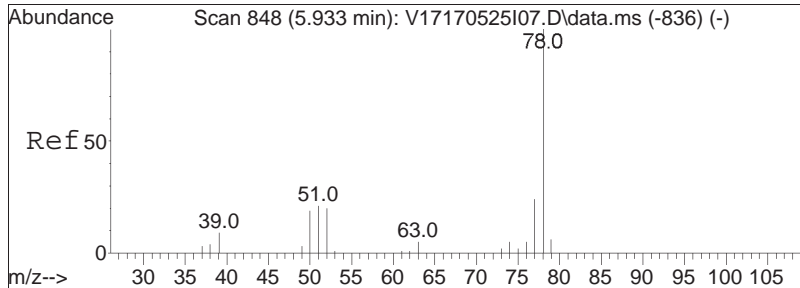




#15
 Methylene chloride
 Concen: 0.80 ug/L
 RT: 3.778 min Scan# 437
 Delta R.T. -0.011 min
 Lab File: V17170718A21.D
 Acq: 18 Jul 2017 15:55

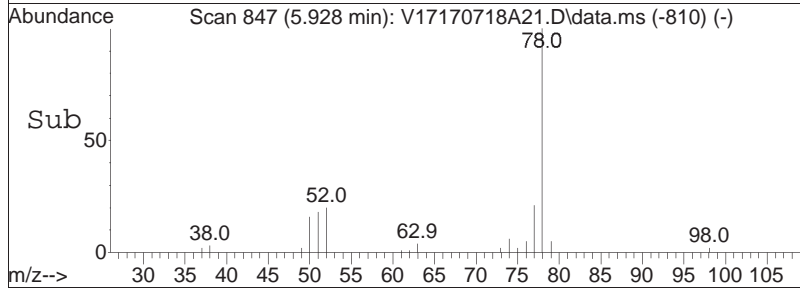
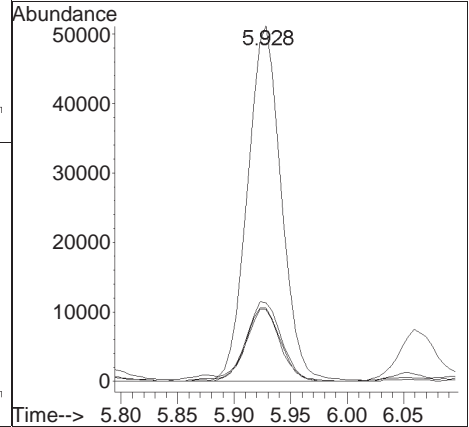
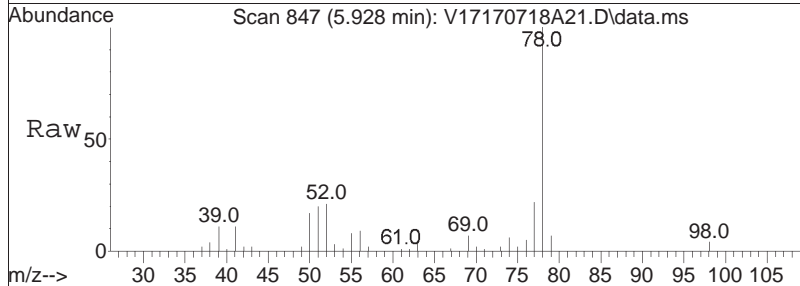
Tgt Ion:	84	Resp:	2058
Ion Ratio	Lower	Upper	
84	100		
86	204.5	42.4	88.2#
49	116.1	117.3	243.5#

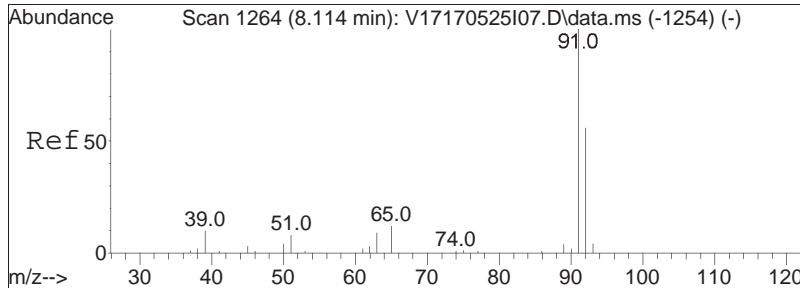




#41
 Benzene
 Concen: 10.19 ug/L
 RT: 5.928 min Scan# 847
 Delta R.T. -0.005 min
 Lab File: V17170718A21.D
 Acq: 18 Jul 2017 15:55

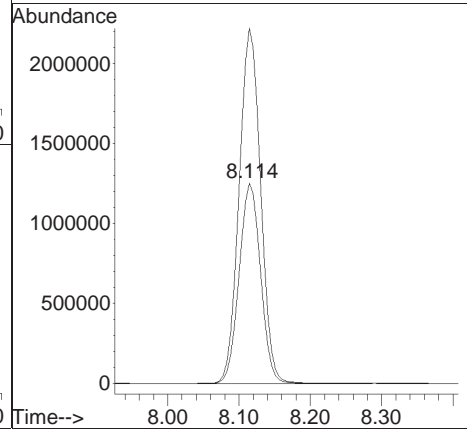
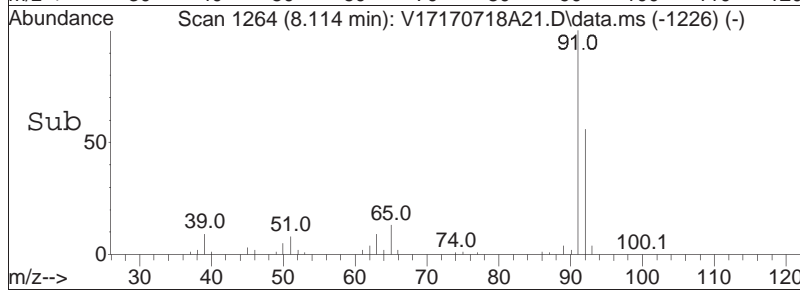
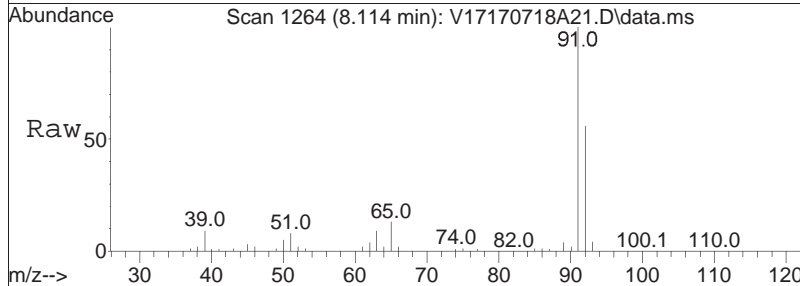
Tgt Ion	Resp	Lower	Upper
78	106334		
77	23.3	15.0	31.1
51	20.6	14.0	29.2
52	21.8	14.3	29.7

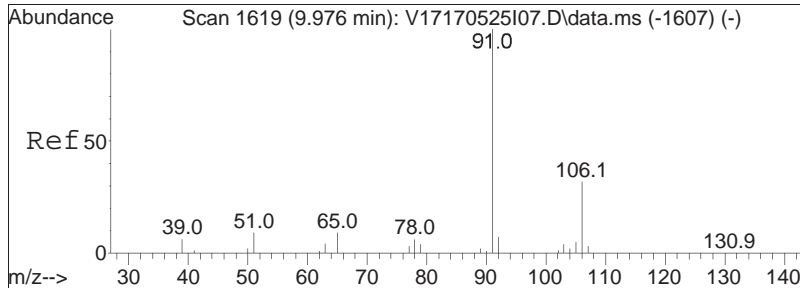




#61
 Toluene
 Concen: 438.94 ug/L
 RT: 8.114 min Scan# 1264
 Delta R.T. 0.000 min
 Lab File: V17170718A21.D
 Acq: 18 Jul 2017 15:55

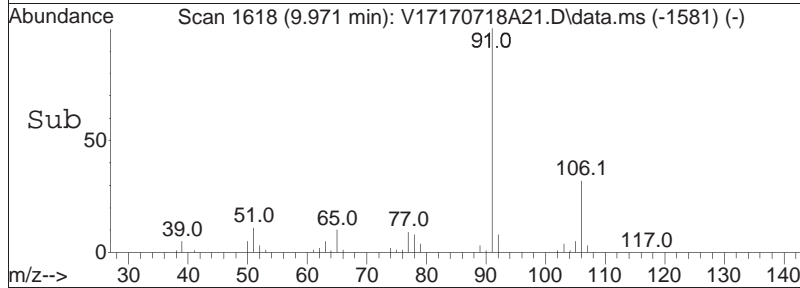
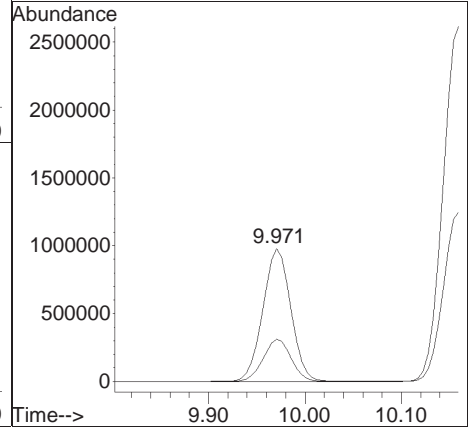
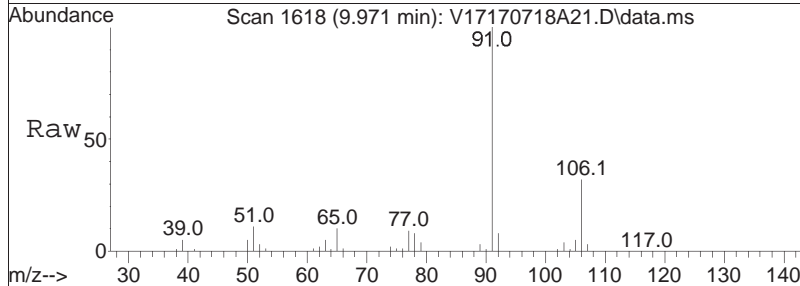
Tgt Ion: 92 Resp: 2613369
 Ion Ratio Lower Upper
 92 100
 91 178.1 142.4 213.6

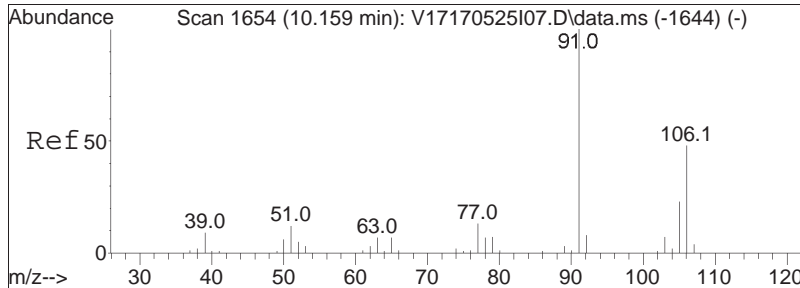




#74
 Ethylbenzene
 Concen: 166.35 ug/L
 RT: 9.971 min Scan# 1618
 Delta R.T. -0.005 min
 Lab File: V17170718A21.D
 Acq: 18 Jul 2017 15:55

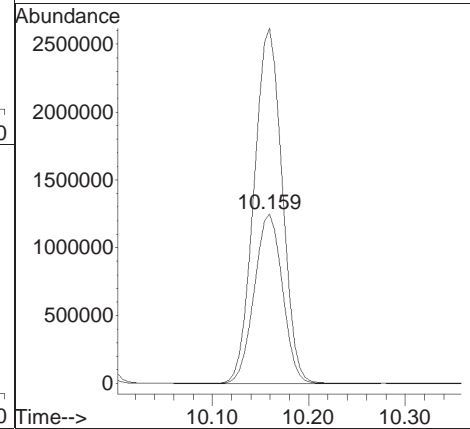
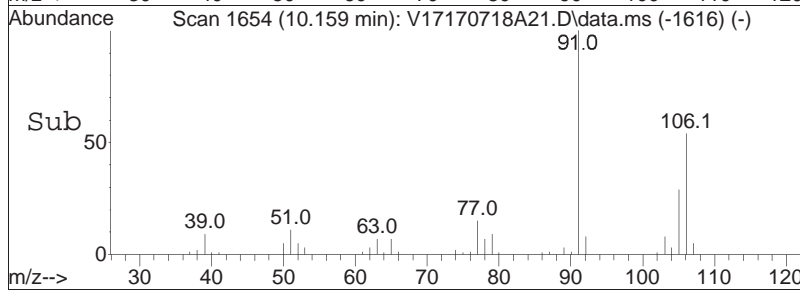
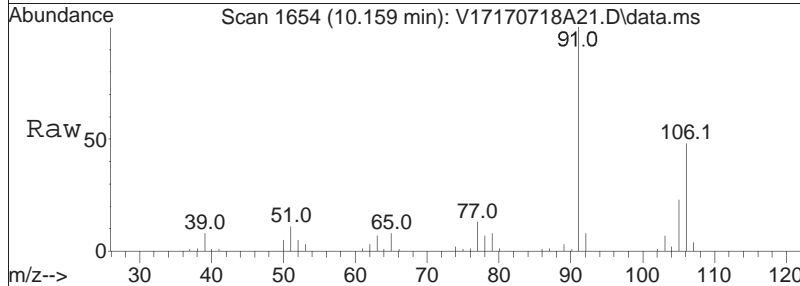
Tgt Ion: 91 Resp: 1966656
 Ion Ratio Lower Upper
 91 100
 106 31.8 25.8 38.6

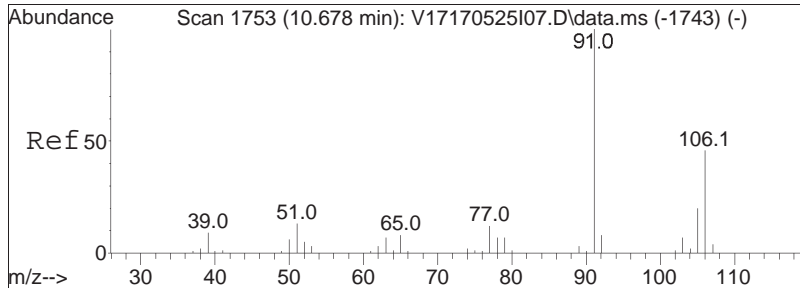




#76
 p/m Xylene
 Concen: 557.73 ug/L
 RT: 10.159 min Scan# 1654
 Delta R.T. 0.000 min
 Lab File: V17170718A21.D
 Acq: 18 Jul 2017 15:55

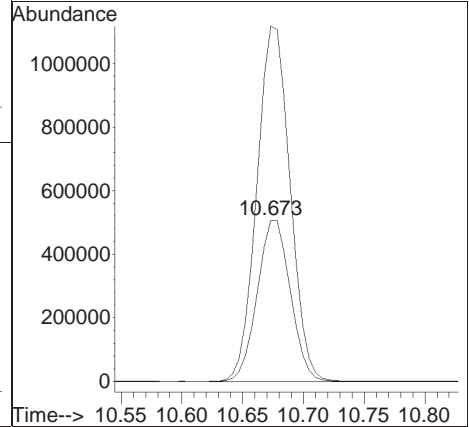
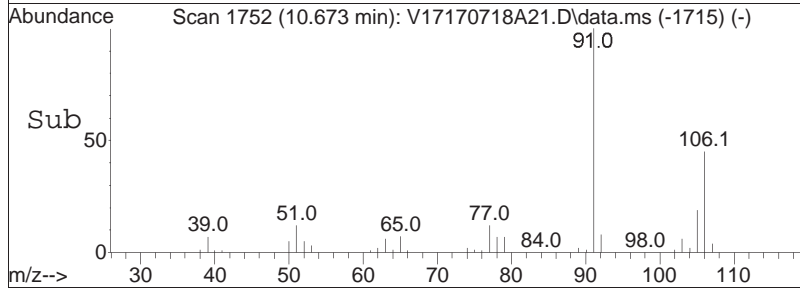
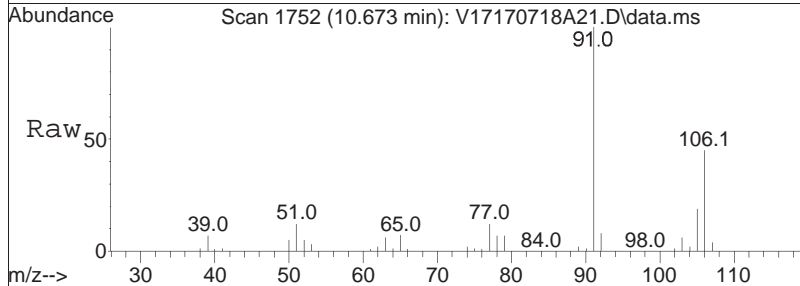
Tgt Ion: 106 Resp: 2534856
 Ion Ratio Lower Upper
 106 100
 91 209.2 162.9 244.3

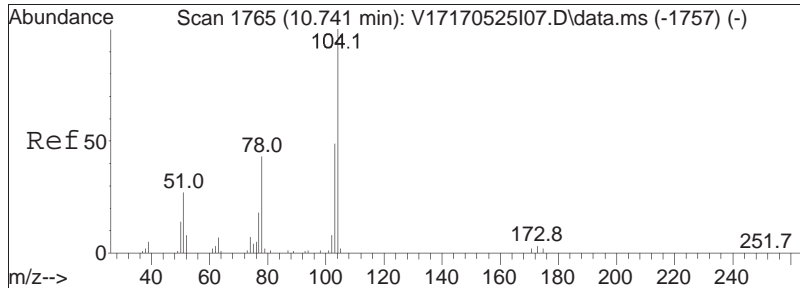




#77
 o Xylene
 Concen: 223.04 ug/L
 RT: 10.673 min Scan# 1752
 Delta R.T. -0.005 min
 Lab File: V17170718A21.D
 Acq: 18 Jul 2017 15:55

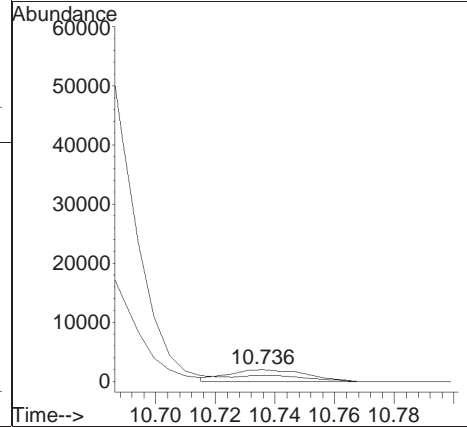
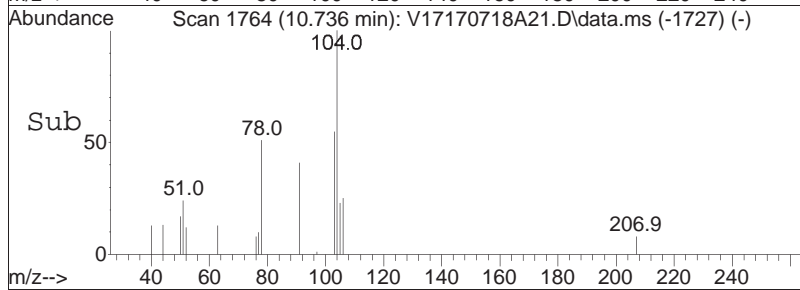
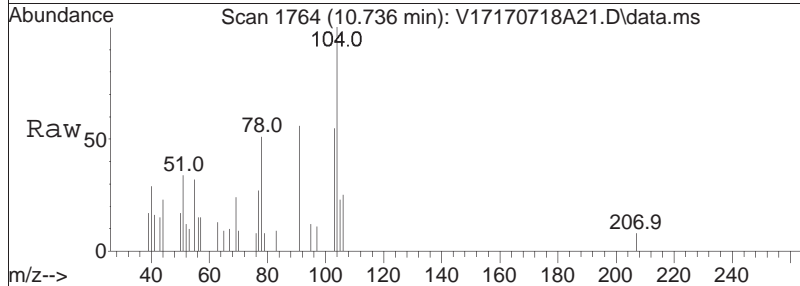
Tgt Ion	Resp	Lower	Upper
106	100		
91	221.0	170.4	255.6

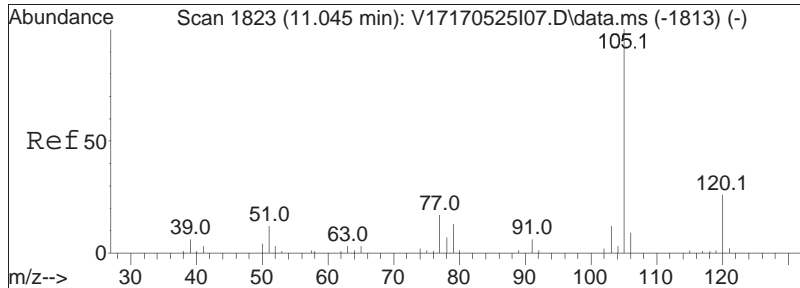




#78
 Styrene
 Concen: 0.51 ug/L
 RT: 10.736 min Scan# 1764
 Delta R.T. -0.005 min
 Lab File: V17170718A21.D
 Acq: 18 Jul 2017 15:55

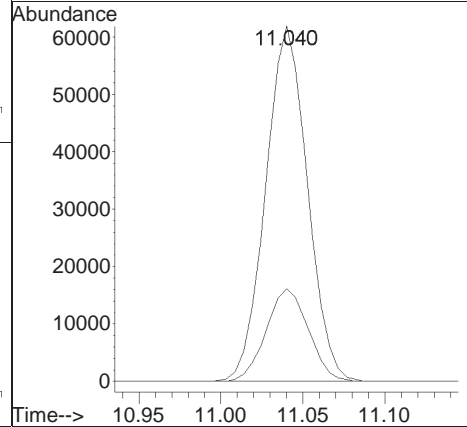
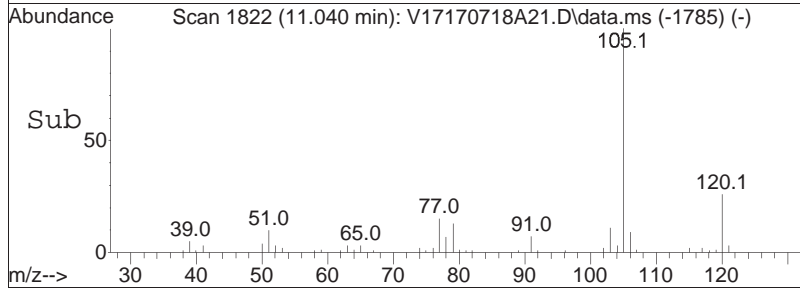
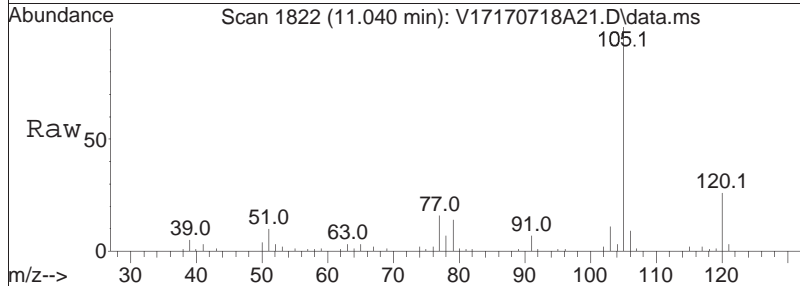
Tgt Ion	Resp	Lower	Upper
104	100		
78	0.0	34.1	51.1#

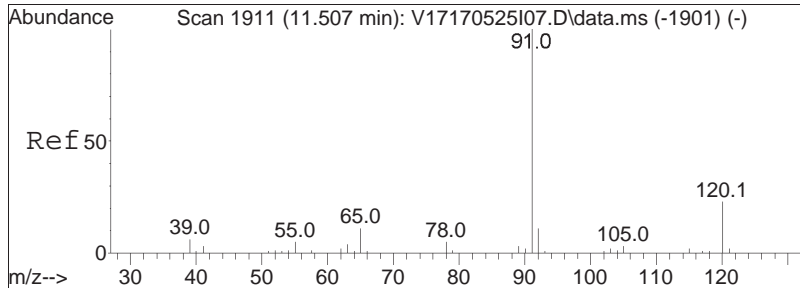




#82
 Isopropylbenzene
 Concen: 9.96 ug/L
 RT: 11.040 min Scan# 1822
 Delta R.T. -0.005 min
 Lab File: V17170718A21.D
 Acq: 18 Jul 2017 15:55

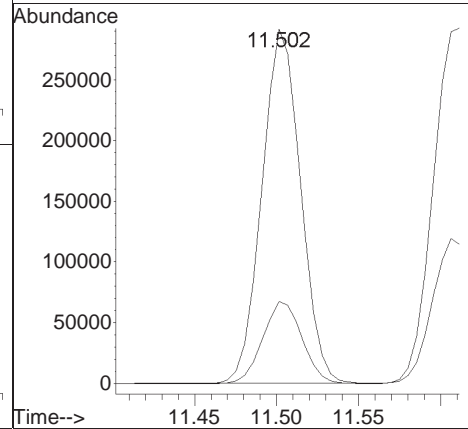
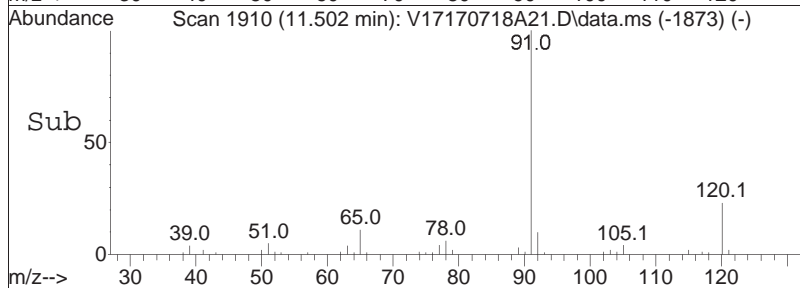
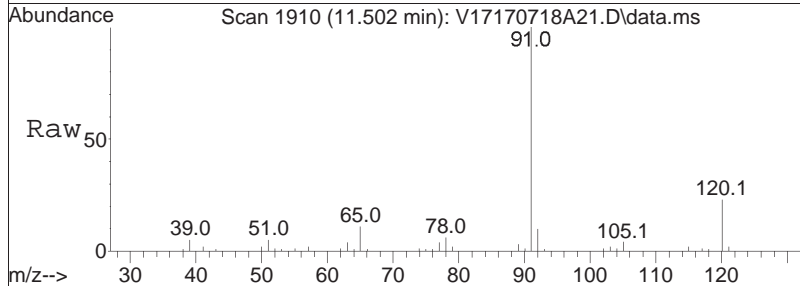
Tgt Ion	Resp	Lower	Upper
105	109409		
120	26.3	6.6	46.6

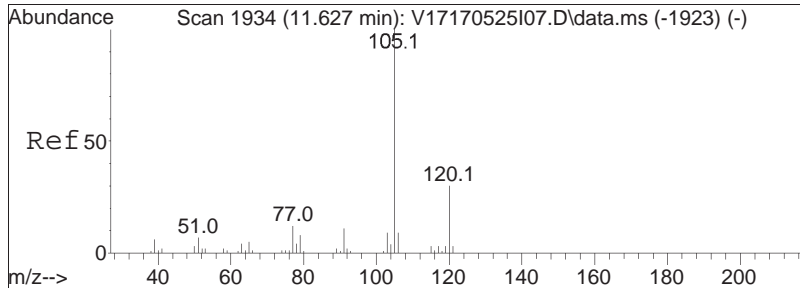




#85
 n-Propylbenzene
 Concen: 34.90 ug/L
 RT: 11.502 min Scan# 1910
 Delta R.T. -0.005 min
 Lab File: V17170718A21.D
 Acq: 18 Jul 2017 15:55

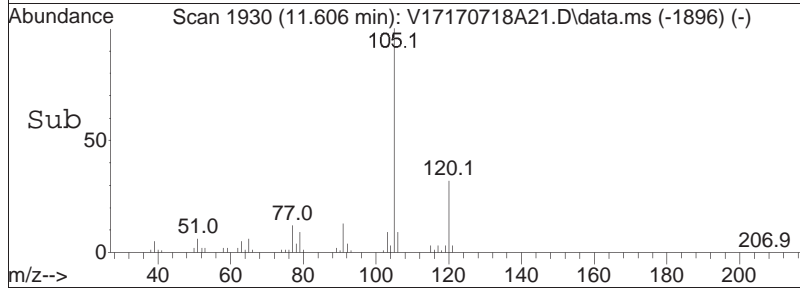
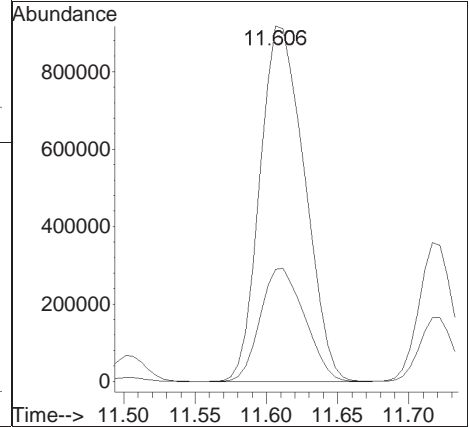
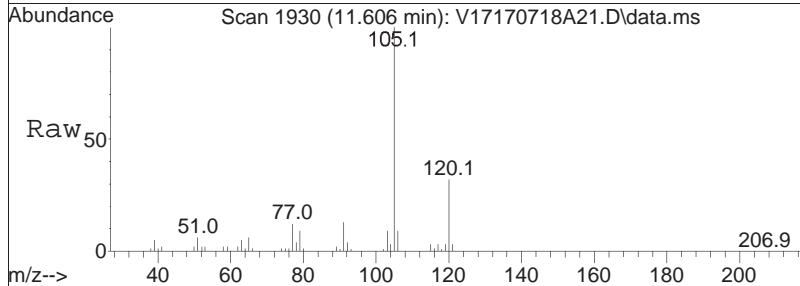
Tgt Ion	Resp	Ion Ratio	Lower	Upper
91	477497	100		
120		23.4	19.5	29.3

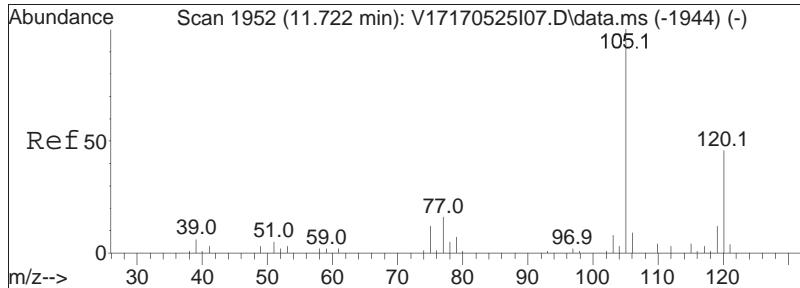




#88
 4-Ethyltoluene
 Concen: 181.80 ug/L
 RT: 11.606 min Scan# 1930
 Delta R.T. -0.021 min
 Lab File: V17170718A21.D
 Acq: 18 Jul 2017 15:55

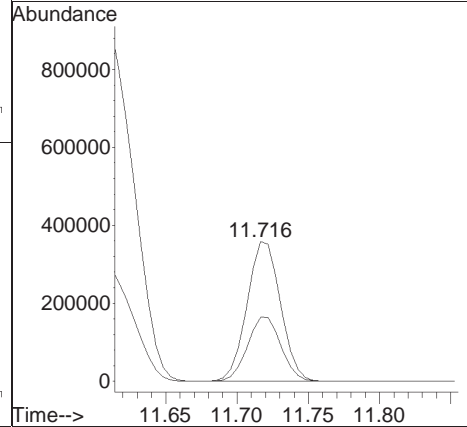
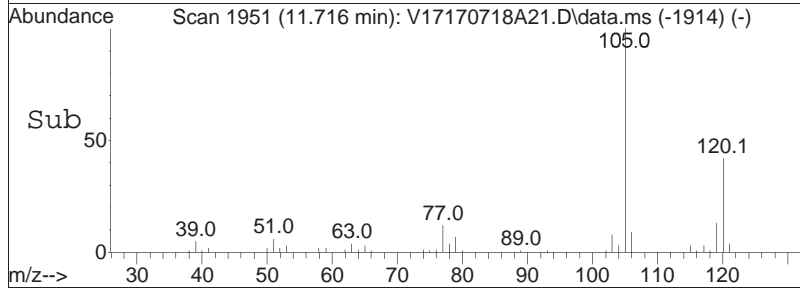
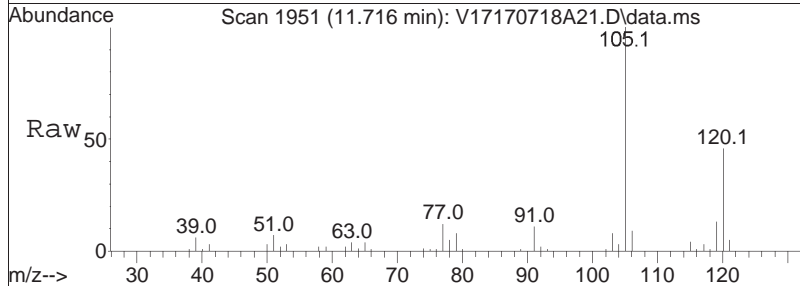
Tgt Ion	Resp	Lower	Upper
105	100		
120	31.6	20.2	42.0

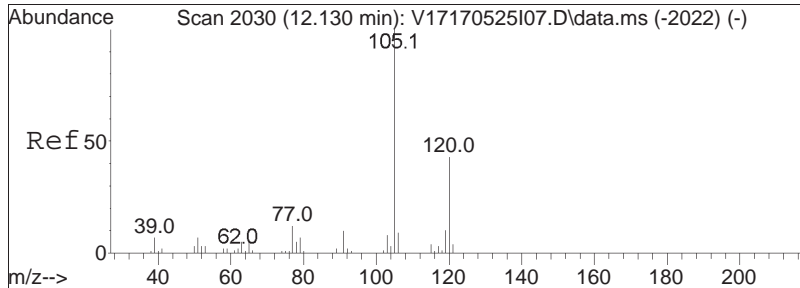




#90
 1,3,5-Trimethylbenzene
 Concen: 59.73 ug/L
 RT: 11.716 min Scan# 1951
 Delta R.T. -0.006 min
 Lab File: V17170718A21.D
 Acq: 18 Jul 2017 15:55

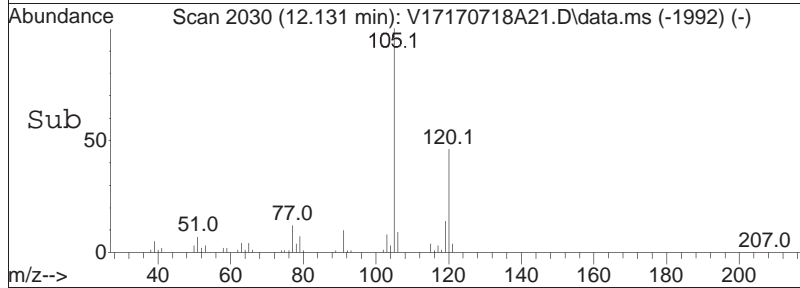
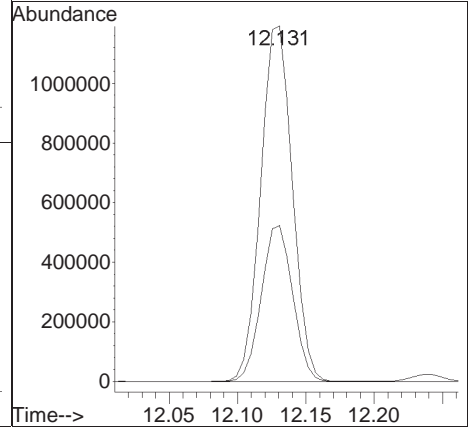
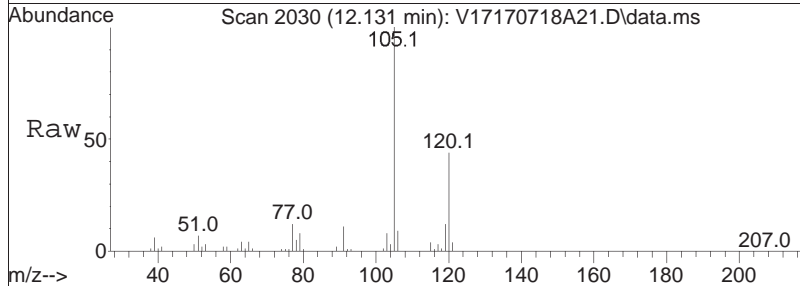
Tgt Ion:	105	Resp:	587870
Ion Ratio	Lower	Upper	
105	100		
120	46.0	37.9	56.9

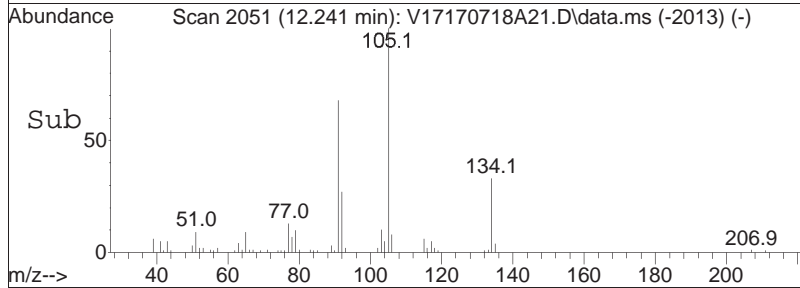
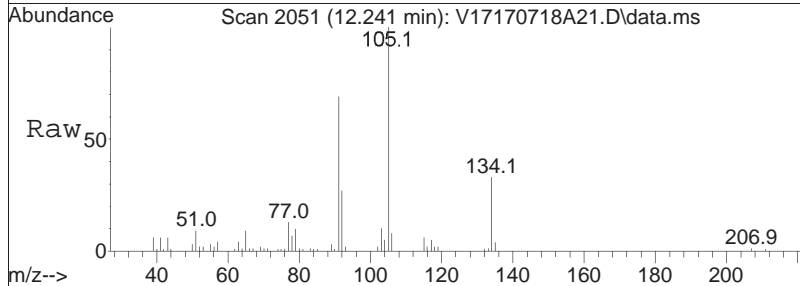
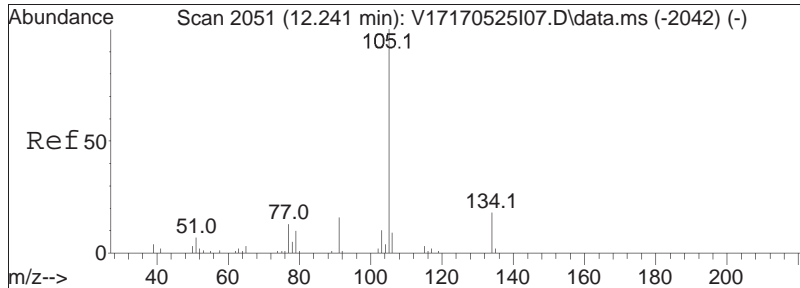




#97
 1,2,4-Trimethylbenzene
 Concen: 197.60 ug/L
 RT: 12.131 min Scan# 2030
 Delta R.T. -0.000 min
 Lab File: V17170718A21.D
 Acq: 18 Jul 2017 15:55

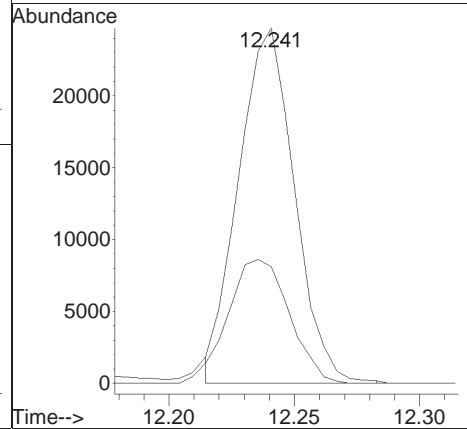
Tgt Ion	Resp	Lower	Upper
105	100		
120	43.4	35.7	53.5

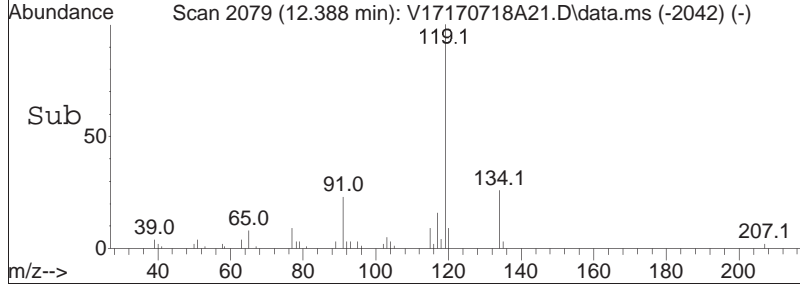
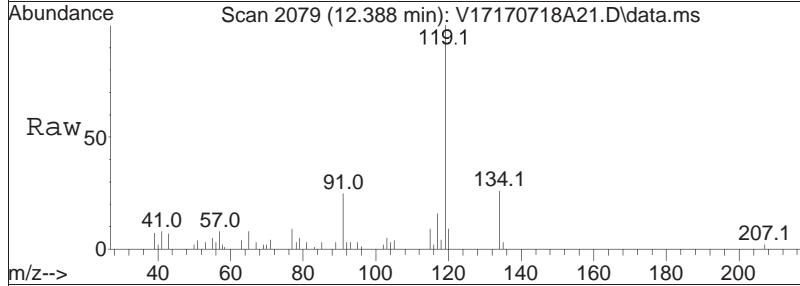
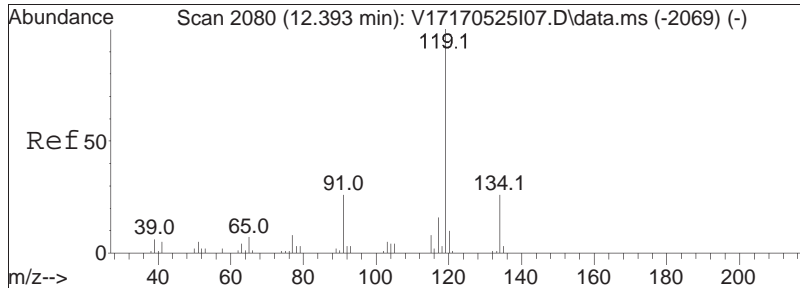




#98
 sec-Butylbenzene
 Concen: 3.11 ug/L M2
 RT: 12.241 min Scan# 2051
 Delta R.T. -0.000 min
 Lab File: V17170718A21.D
 Acq: 18 Jul 2017 15:55

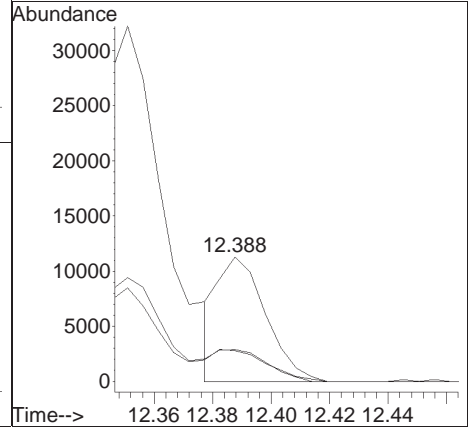
Tgt Ion	105	134	Resp	38384	Lower	Upper
Ion Ratio	100	0.0			12.5	25.9#

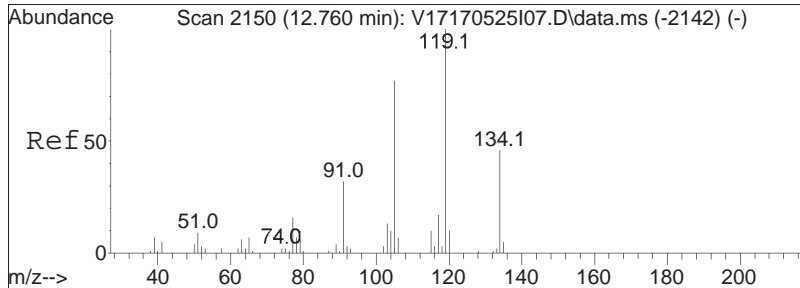




#99
 p-Isopropyltoluene
 Concen: 1.24 ug/L M2
 RT: 12.388 min Scan# 2079
 Delta R.T. -0.005 min
 Lab File: V17170718A21.D
 Acq: 18 Jul 2017 15:55

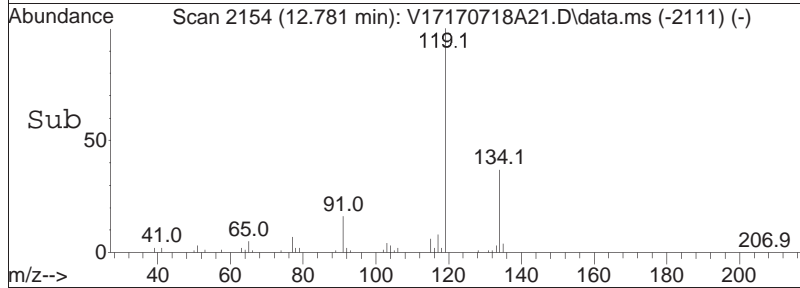
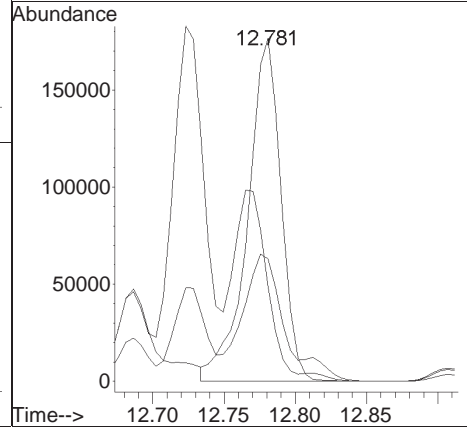
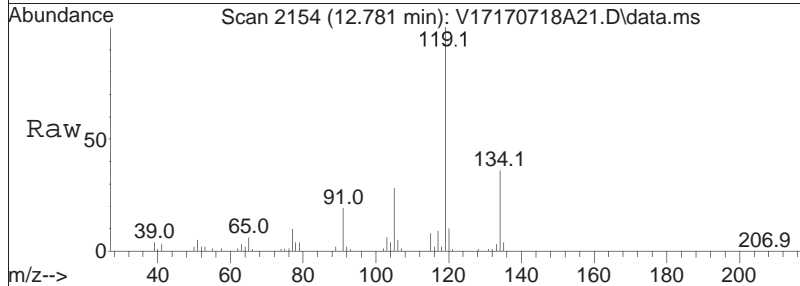
Tgt Ion	Resp	Lower	Upper
119	100		
134	112.9	17.0	35.2#
91	102.8	15.6	32.4#

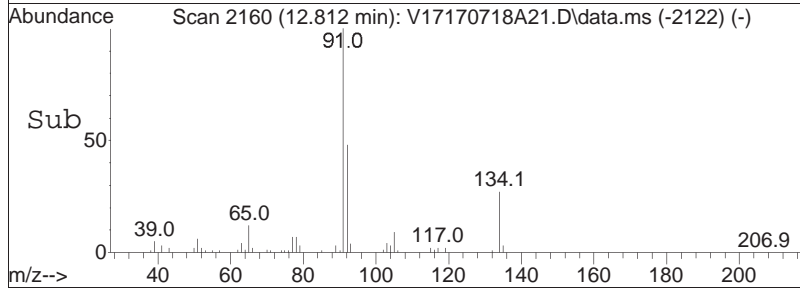
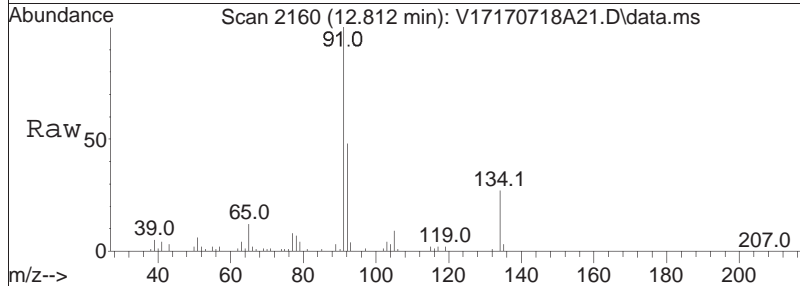
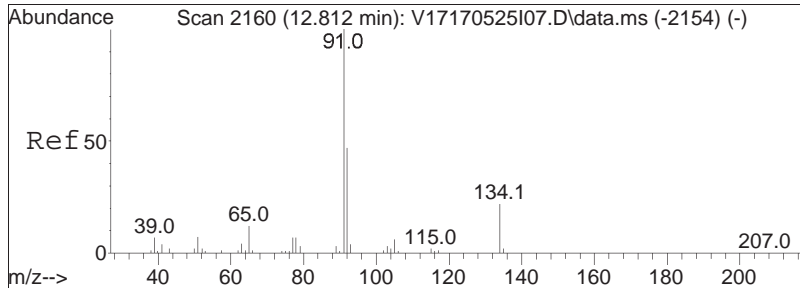




#102
 p-Diethylbenzene
 Concen: 44.89 ug/L
 RT: 12.781 min Scan# 2154
 Delta R.T. 0.026 min
 Lab File: V17170718A21.D
 Acq: 18 Jul 2017 15:55

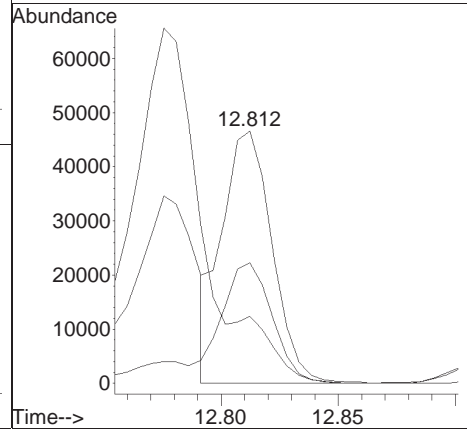
Tgt Ion	Resp	Lower	Upper
119	100		
105	56.5	49.9	103.5
134	46.0	30.6	63.4

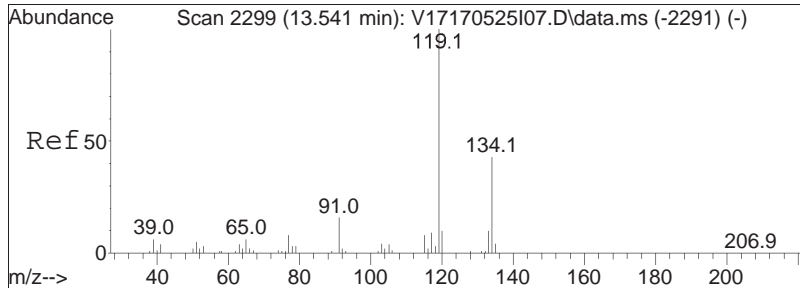




#103
 n-Butylbenzene
 Concen: 6.47 ug/L
 RT: 12.812 min Scan# 2160
 Delta R.T. 0.000 min
 Lab File: V17170718A21.D
 Acq: 18 Jul 2017 15:55

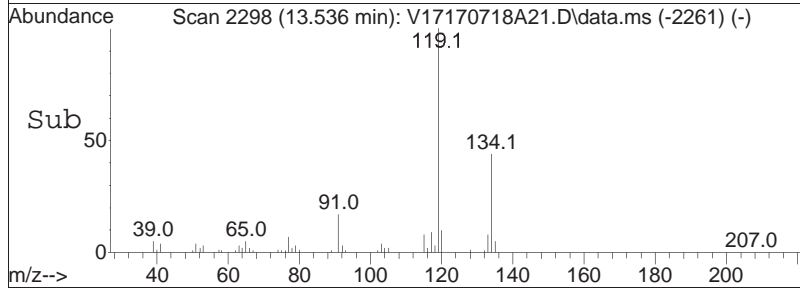
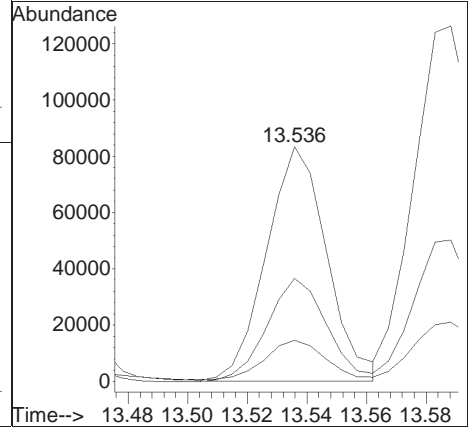
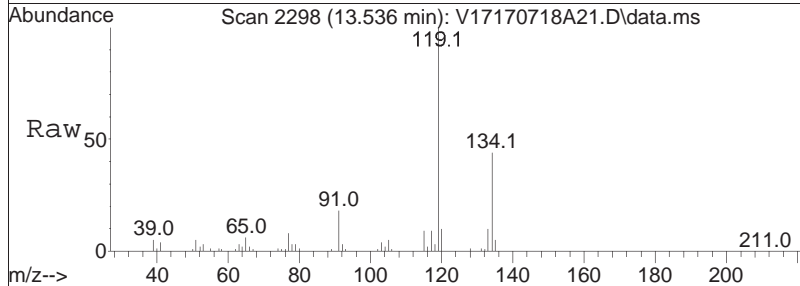
Tgt Ion	Resp	Lower	Upper
91	100		
92	48.7	39.0	58.4
134	0.0	21.3	31.9#

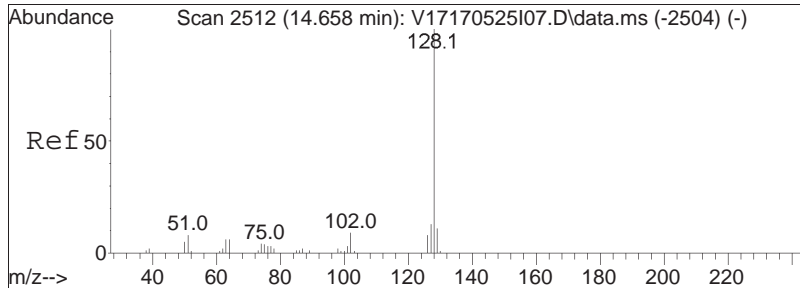




#105
 1,2,4,5-Tetramethylbenzene
 Concen: 12.16 ug/L
 RT: 13.536 min Scan# 2298
 Delta R.T. -0.005 min
 Lab File: V17170718A21.D
 Acq: 18 Jul 2017 15:55

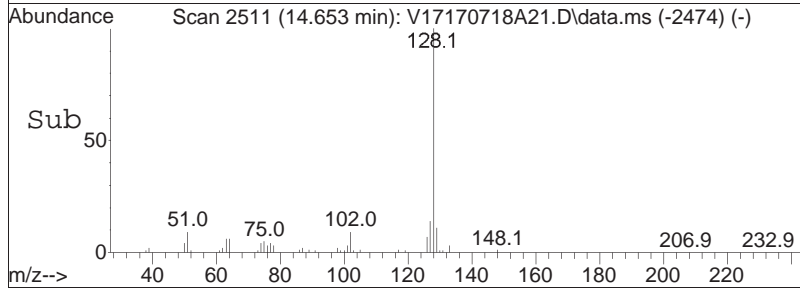
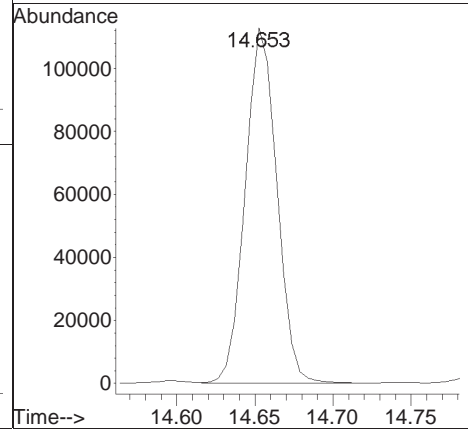
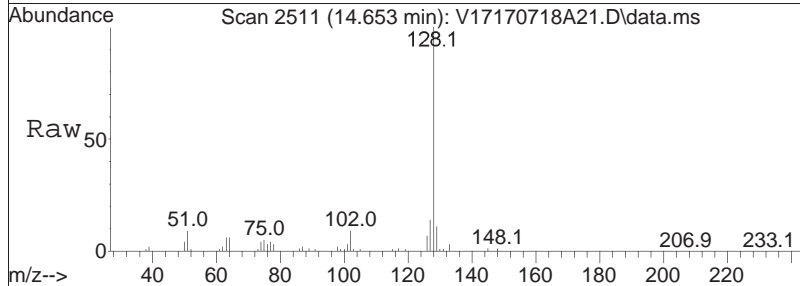
Tgt Ion	Resp	Lower	Upper
119	117612		
119	100		
134	43.5	29.3	60.8
91	18.6	10.0	20.8





#110
 Naphthalene
 Concen: 24.19 ug/L
 RT: 14.653 min Scan# 2511
 Delta R.T. -0.005 min
 Lab File: V17170718A21.D
 Acq: 18 Jul 2017 15:55

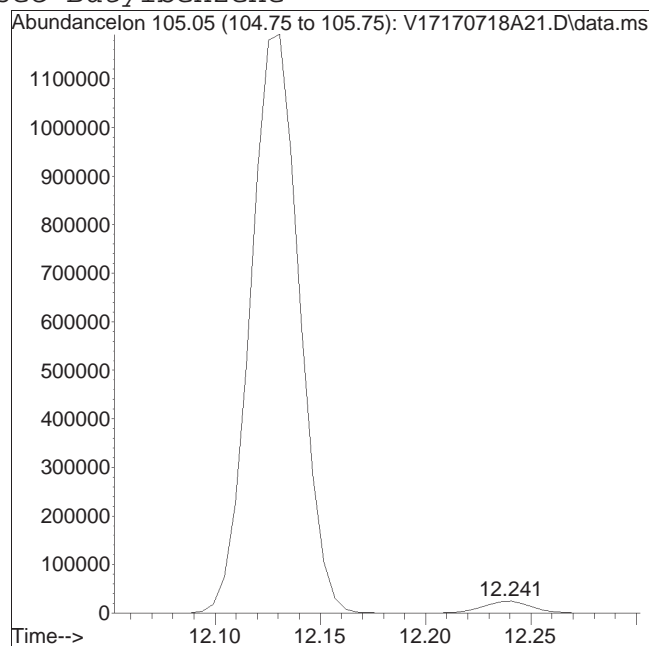
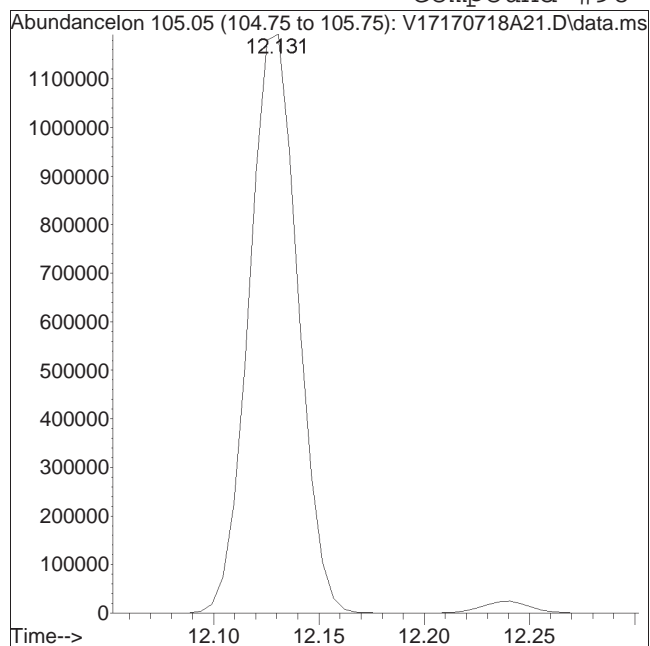
Tgt Ion:128 Resp: 159478



Manual Integration Report

Data Path : I:\VOLATILES\VOA117\2017\1QMethod : V117_170525_8260.m
Data File : V17170718A21.D Operator : VOA117:CBN
Date Inj'd : 7/18/2017 15:55 Instrument : VOA 117
Sample : 11723686-04D,31H,20.9,5,0.Quant Date : 7/19/2017 6:55 am

Compound #98: sec-Butylbenzene



Original Peak Response = 1916999

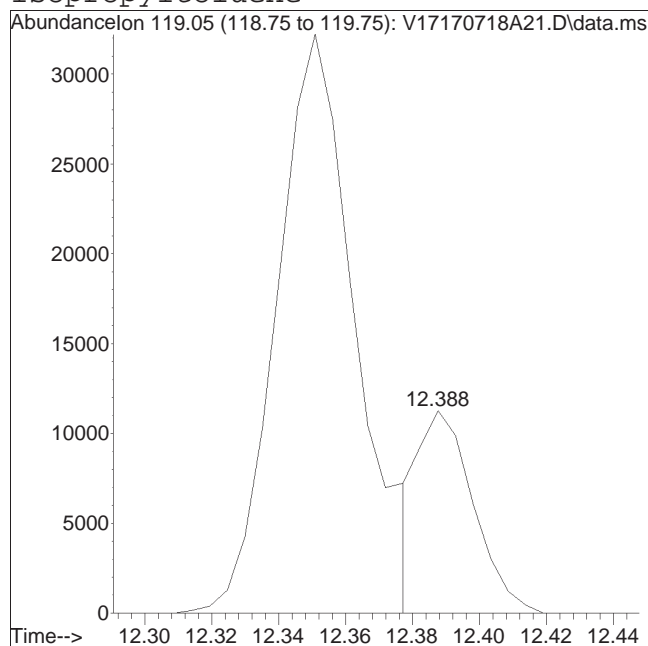
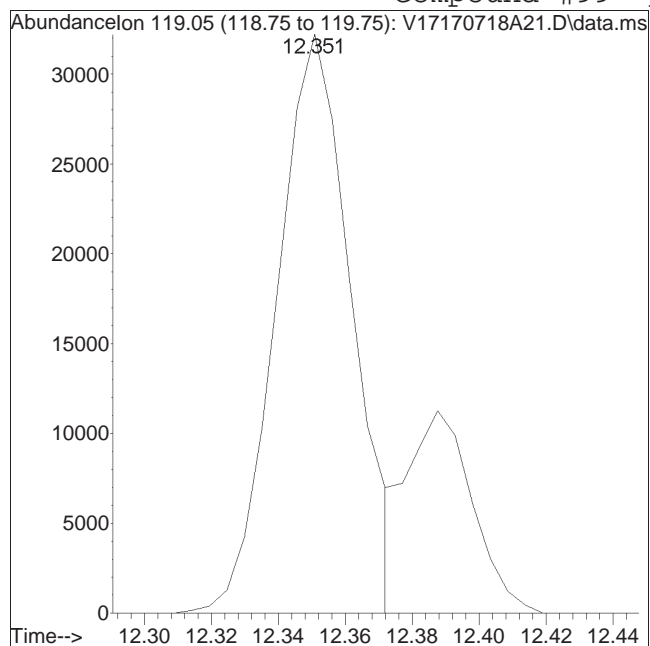
Manual Peak Response = 38384 M2

M2 = Peak not found by automatic integration algorithm.

Manual Integration Report

Data Path : I:\VOLATILES\VOA117\2017\1QMethod : V117_170525_8260.m
Data File : V17170718A21.D Operator : VOA117:CBN
Date Inj'd : 7/18/2017 15:55 Instrument : VOA 117
Sample : 11723686-04D,31H,20.9,5,0.Quant Date : 7/19/2017 6:55 am

Compound #99: p-Isopropyltoluene



Original Peak Response = 50035

Manual Peak Response = 12966 M2

M2 = Peak not found by automatic integration algorithm.

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA117\2017\170719A\
 Data File : V17170719A06.D
 Acq On : 19 Jul 2017 09:14
 Operator : VOA117:CBN
 Sample : 11723686-04D2,31H,20.9,5,0.001,,a
 Misc : WG1023786,ICAL13689
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 19 09:43:50 2017
 Quant Method : I:\VOLATILES\VOA117\2017\170719A\V117_170525_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 25 12:01:44 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA117\2017\170719A\V17170719A01.D
 Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	

Internal Standards							
1) Fluorobenzene	6.347	96	141017	20.000	ug/L	0.00	
Standard Area 1 = 147983			Recovery =	95.29%			
59) Chlorobenzene-d5	9.913	117	112222	20.000	ug/L	0.00	
Standard Area 1 = 113052			Recovery =	99.27%			
79) 1,4-Dichlorobenzene-d4	12.529	152	59762	20.000	ug/L	0.00	
Standard Area 1 = 62353			Recovery =	95.84%			
System Monitoring Compounds							
36) Dibromofluoromethane	5.519	113	36256	19.266	ug/L	0.00	
Spiked Amount 20.000	Range 70 - 130		Recovery =	96.33%			
43) 1,2-Dichloroethane-d4	6.064	65	34657	17.990	ug/L	0.00	
Spiked Amount 20.000	Range 70 - 130		Recovery =	89.95%			
60) Toluene-d8	8.057	98	146396	20.153	ug/L	0.00	
Spiked Amount 20.000	Range 70 - 130		Recovery =	100.76%			
83) 4-Bromofluorobenzene	11.355	95	56872	21.792	ug/L	0.00	
Spiked Amount 20.000	Range 70 - 130		Recovery =	108.96%			
Target Compounds							
							Qvalue
11) Carbon disulfide	3.233	76	19624	2.353	ug/L		97
15) Methylene chloride	3.784	84	1988	0.807	ug/L		71
17) Acetone	3.836	43	702	Below Cal	#		43
32) Chloroform	5.362	83	718	0.158	ug/L #		1
41) Benzene	5.928	78	27499	2.757	ug/L		99
61) Toluene	8.114	92	714860	118.810	ug/L		99
74) Ethylbenzene	9.970	91	635394	53.183	ug/L		99
76) p/m Xylene	10.154	106	923324	201.023	ug/L		97
77) o Xylene	10.673	106	339376	77.898	ug/L		95
78) Styrene	10.736	104	1254	0.175	ug/L #		33
82) Isopropylbenzene	11.040	105	52855	4.702	ug/L		99
85) n-Propylbenzene	11.501	91	267080	19.082	ug/L		98
88) 4-Ethyltoluene	11.606	105	1179351	104.993	ug/L		99
90) 1,3,5-Trimethylbenzene	11.716	105	393354	39.066	ug/L		97
97) 1,2,4-Trimethylbenzene	12.131	105	1236477	124.583	ug/L		98
98) sec-Butylbenzene	12.241	105	33309M2	2.637	ug/L		
99) p-Isopropyltoluene	12.387	119	12581	1.179	ug/L		94
102) p-Diethylbenzene	12.781	119	332137	50.654	ug/L		83
103) n-Butylbenzene	12.812	91	77941	7.064	ug/L #		81
105) 1,2,4,5-Tetramethylben...	13.536	119	142507	14.406	ug/L		96

Quantitation Report (QT Reviewed)

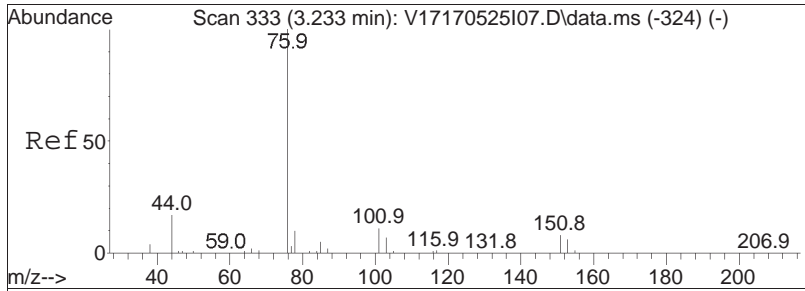
Data Path : I:\VOLATILES\VOA117\2017\170719A\
 Data File : V17170719A06.D
 Acq On : 19 Jul 2017 09:14
 Operator : VOA117:CBN
 Sample : 11723686-04D2,31H,20.9,5,0.001,,a
 Misc : WG1023786,ICAL13689
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 19 09:43:50 2017
 Quant Method : I:\VOLATILES\VOA117\2017\170719A\V117_170525_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 25 12:01:44 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA117\2017\170719A\V17170719A01.D
 Sub List : 8260-NYTCL - Megamix plus Diox

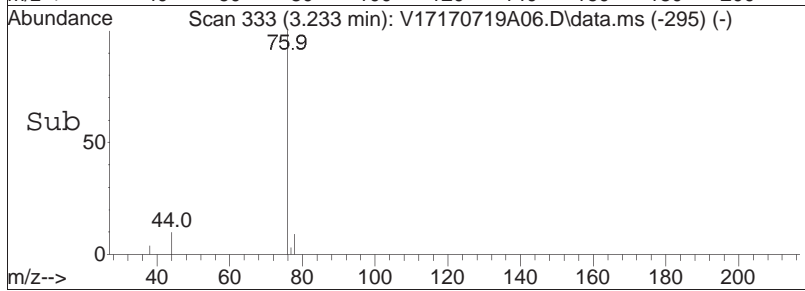
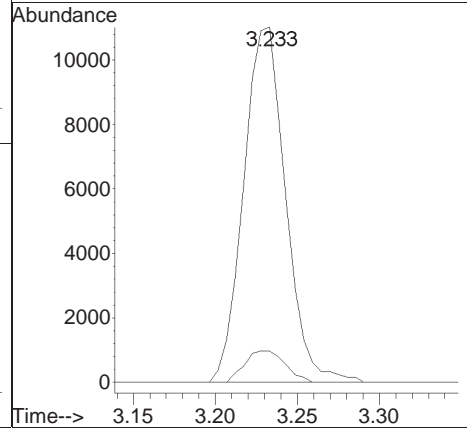
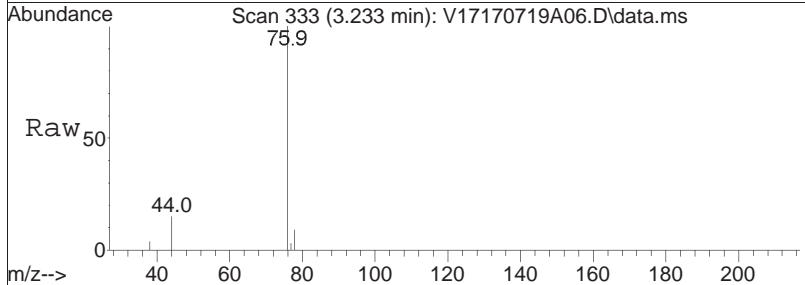
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
110) Naphthalene	14.652	128	89503	13.270	ug/L	100

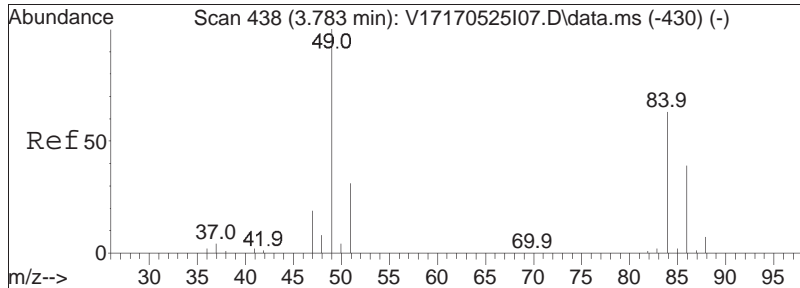
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#11
 Carbon disulfide
 Concen: 2.35 ug/L
 RT: 3.233 min Scan# 333
 Delta R.T. 0.000 min
 Lab File: V17170719A06.D
 Acq: 19 Jul 2017 09:14

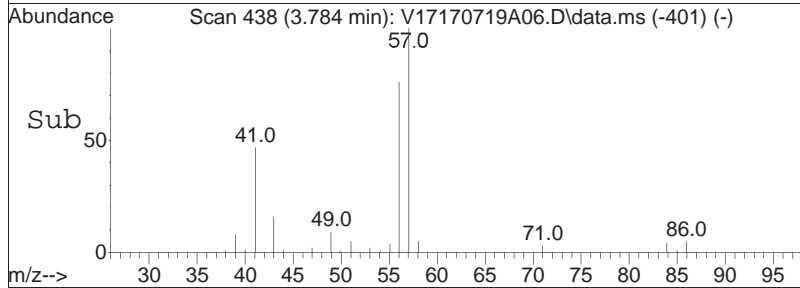
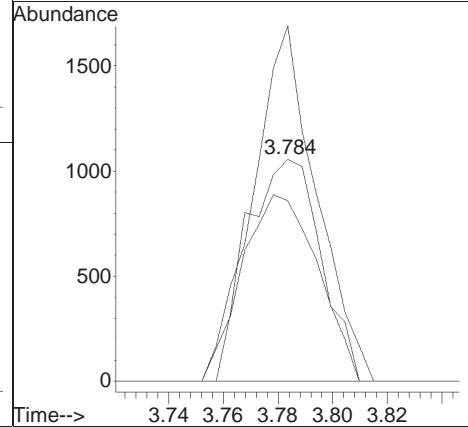
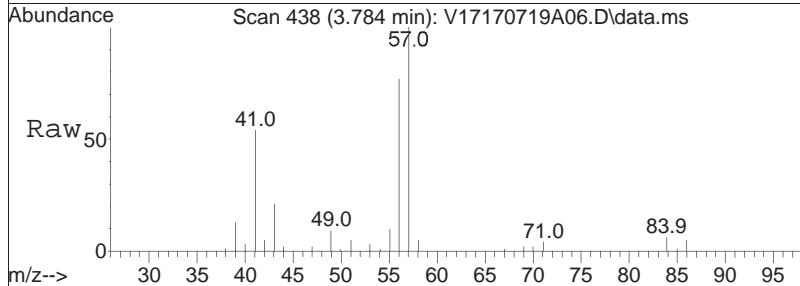
Tgt Ion	Ratio	Lower	Upper
76	100		
78	8.6	6.4	13.4

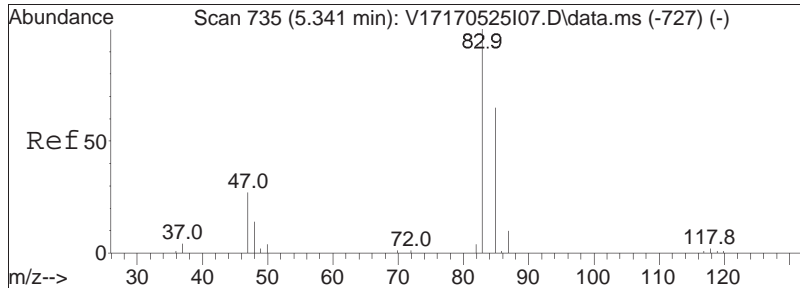




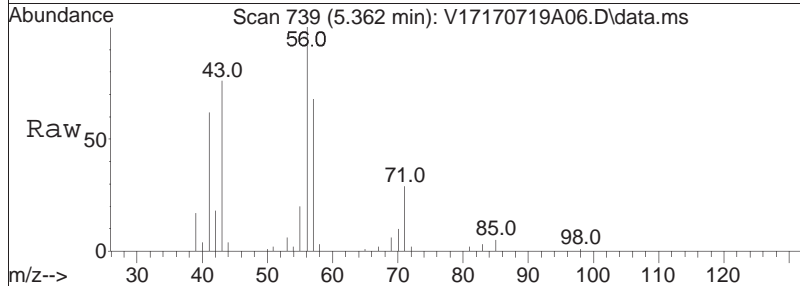
#15
 Methylene chloride
 Concen: 0.81 ug/L
 RT: 3.784 min Scan# 438
 Delta R.T. -0.005 min
 Lab File: V17170719A06.D
 Acq: 19 Jul 2017 09:14

Tgt Ion:	84	Resp:	1988
Ion Ratio	Lower	Upper	
84	100		
86	86.2	42.4	88.2
49	138.0	117.3	243.5

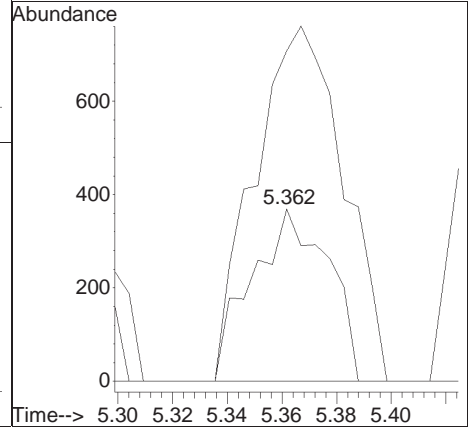
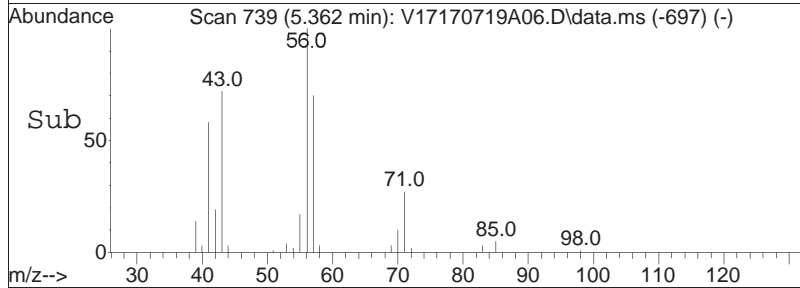


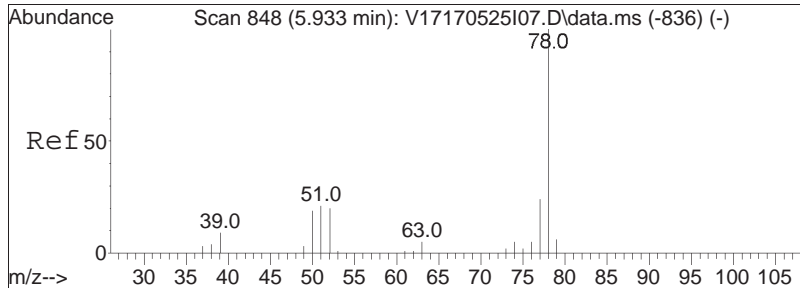


#32
 Chloroform
 Concen: 0.16 ug/L
 RT: 5.362 min Scan# 739
 Delta R.T. 0.021 min
 Lab File: V17170719A06.D
 Acq: 19 Jul 2017 09:14



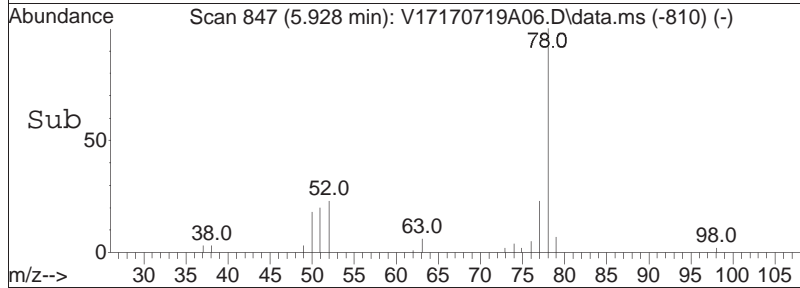
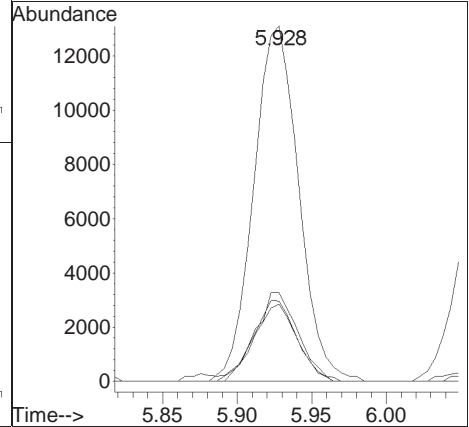
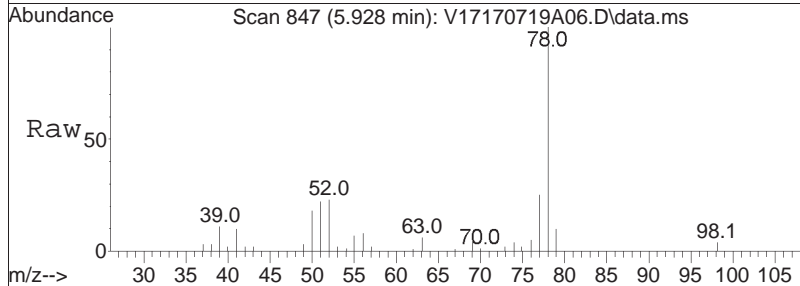
Tgt Ion:	83	Resp:	718
Ion	Ratio	Lower	Upper
83	100		
85	239.0	41.3	85.7#
47	0.0	17.9	37.3#
48	0.0	9.3	19.3#

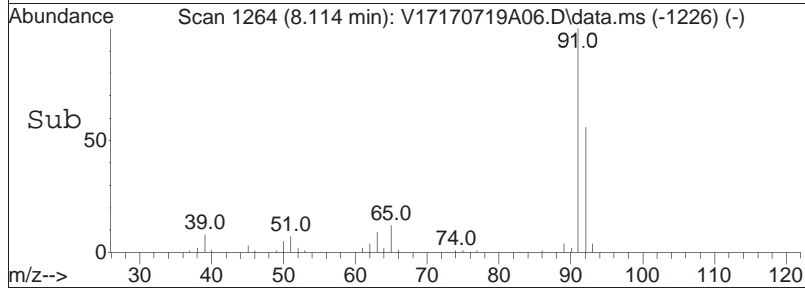
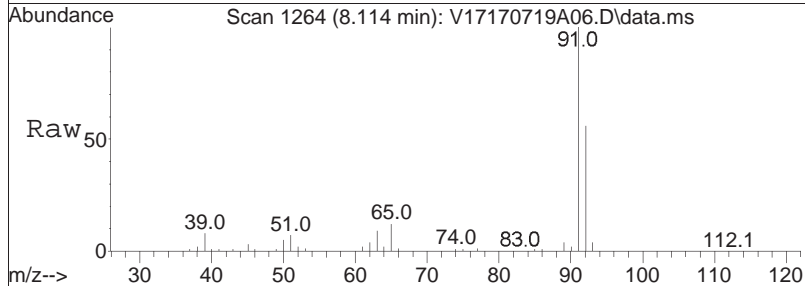
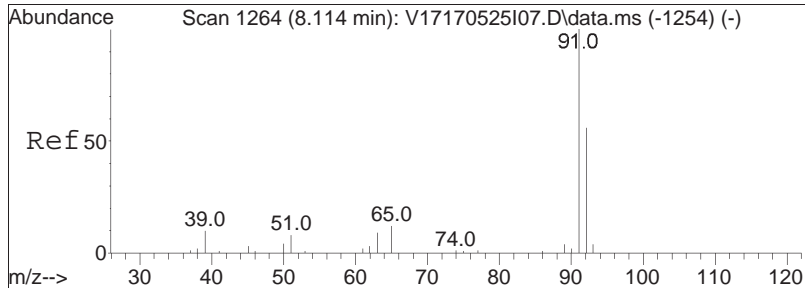




#41
 Benzene
 Concen: 2.76 ug/L
 RT: 5.928 min Scan# 847
 Delta R.T. -0.005 min
 Lab File: V17170719A06.D
 Acq: 19 Jul 2017 09:14

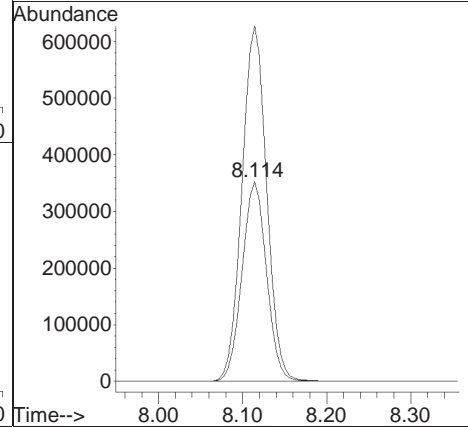
Tgt Ion	Resp	Lower	Upper
78	100		
77	23.8	15.0	31.1
51	21.3	14.0	29.2
52	22.0	14.3	29.7

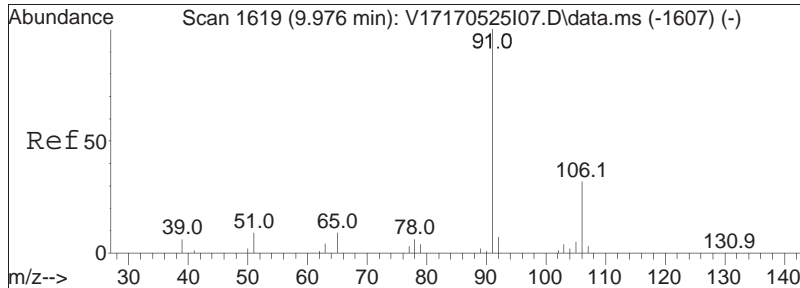




#61
 Toluene
 Concen: 118.81 ug/L
 RT: 8.114 min Scan# 1264
 Delta R.T. 0.000 min
 Lab File: V17170719A06.D
 Acq: 19 Jul 2017 09:14

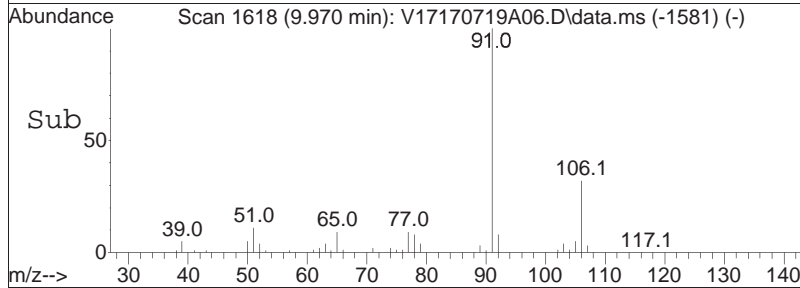
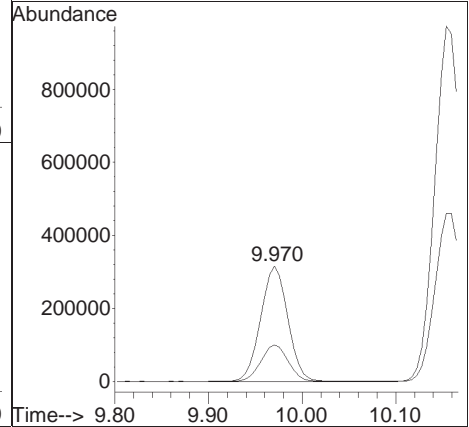
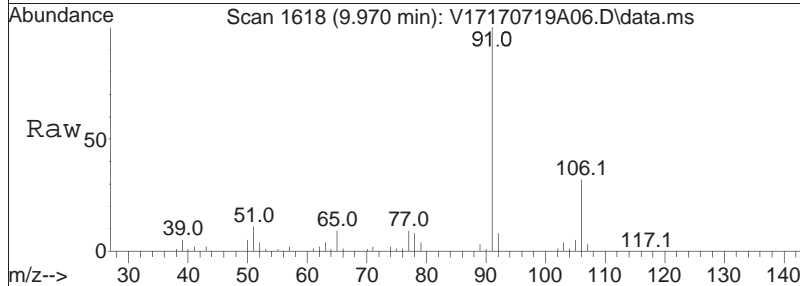
Tgt Ion:	Resp:	Lower	Upper
92	714860		
91	179.6	142.4	213.6

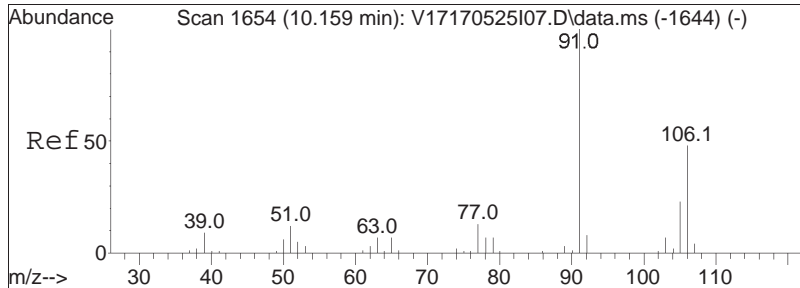




#74
 Ethylbenzene
 Concen: 53.18 ug/L
 RT: 9.970 min Scan# 1618
 Delta R.T. -0.006 min
 Lab File: V17170719A06.D
 Acq: 19 Jul 2017 09:14

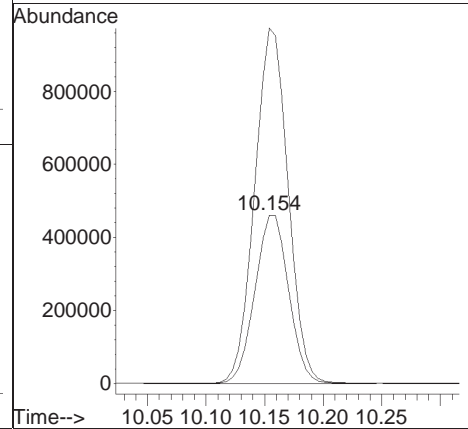
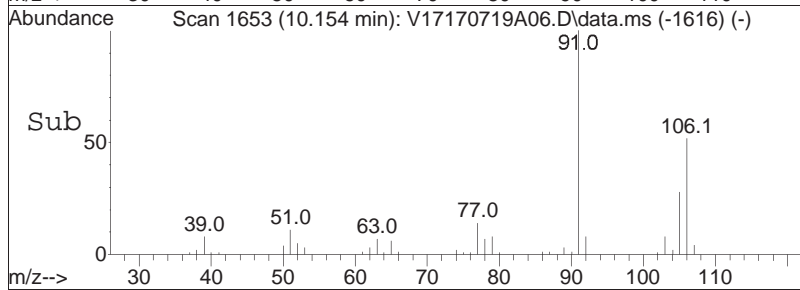
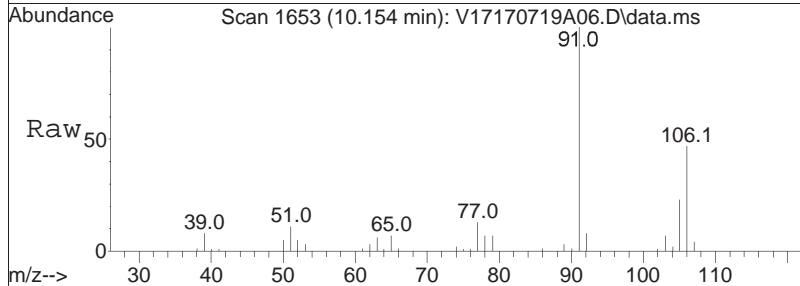
Tgt Ion: 91 Resp: 635394
 Ion Ratio Lower Upper
 91 100
 106 31.9 25.8 38.6

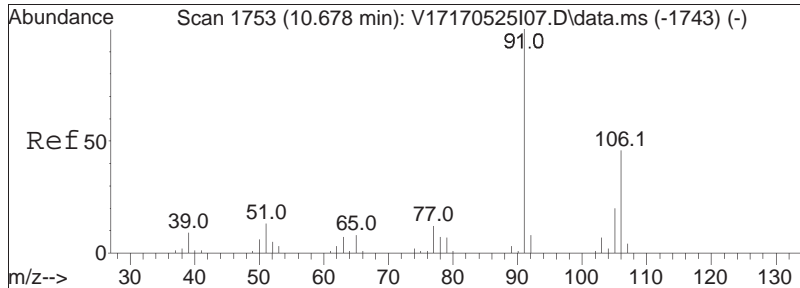




#76
 p/m Xylene
 Concen: 201.02 ug/L
 RT: 10.154 min Scan# 1653
 Delta R.T. -0.005 min
 Lab File: V17170719A06.D
 Acq: 19 Jul 2017 09:14

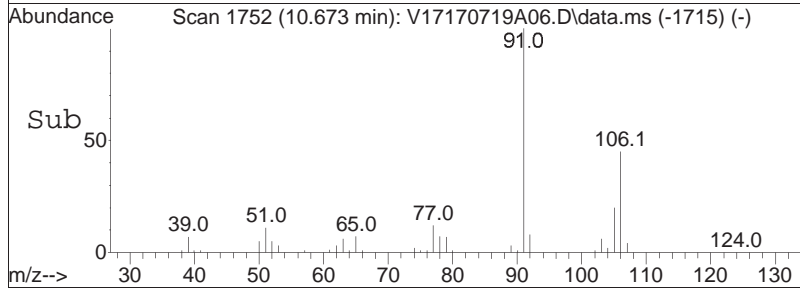
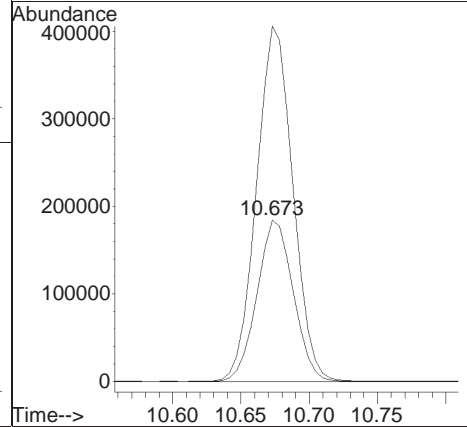
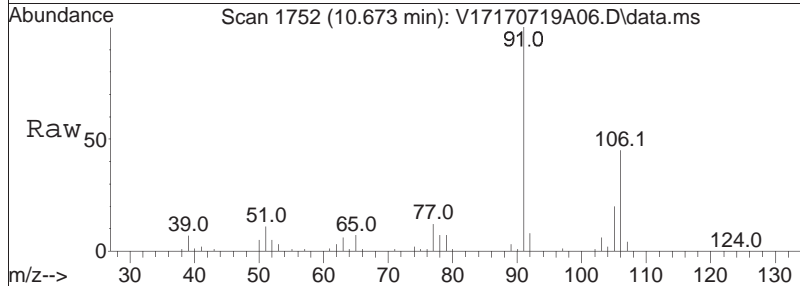
Tgt Ion	Resp	Lower	Upper
106	100		
91	208.9	162.9	244.3

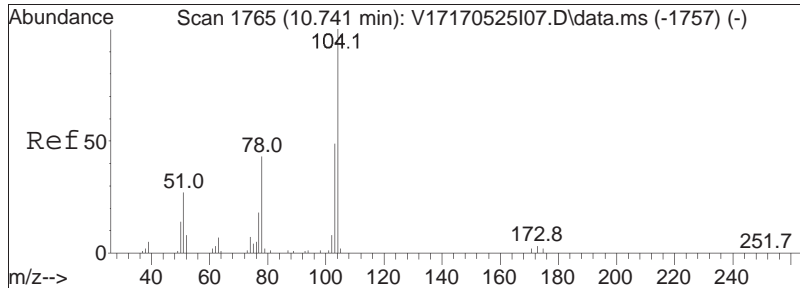




#77
 o Xylene
 Concen: 77.90 ug/L
 RT: 10.673 min Scan# 1752
 Delta R.T. -0.005 min
 Lab File: V17170719A06.D
 Acq: 19 Jul 2017 09:14

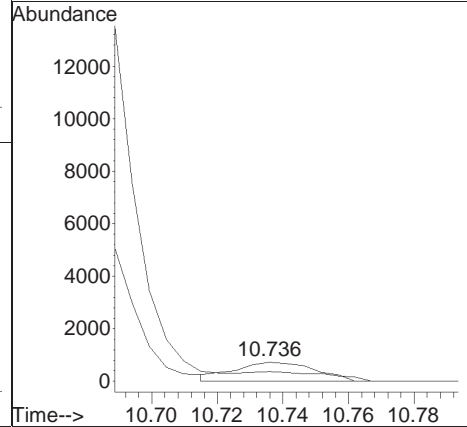
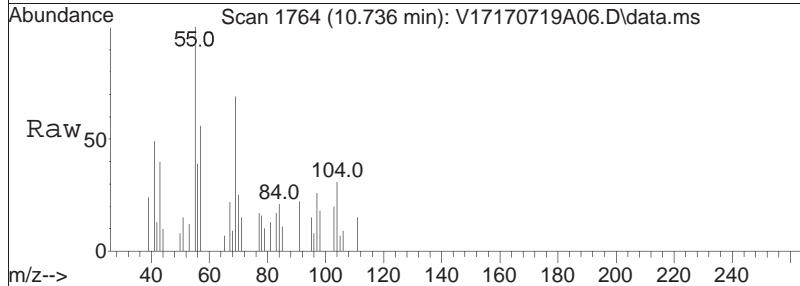
Tgt Ion	Resp	Lower	Upper
106	100		
91	221.2	170.4	255.6

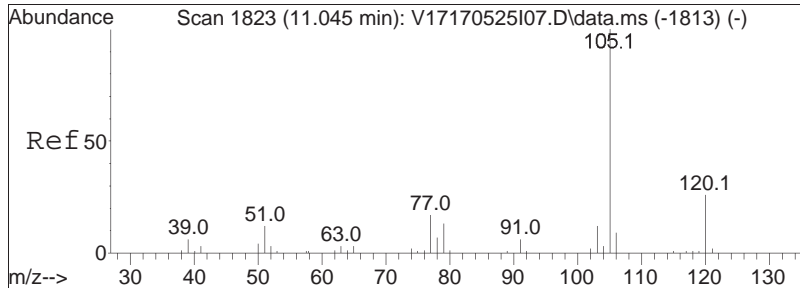




#78
 Styrene
 Concen: 0.18 ug/L
 RT: 10.736 min Scan# 1764
 Delta R.T. -0.005 min
 Lab File: V17170719A06.D
 Acq: 19 Jul 2017 09:14

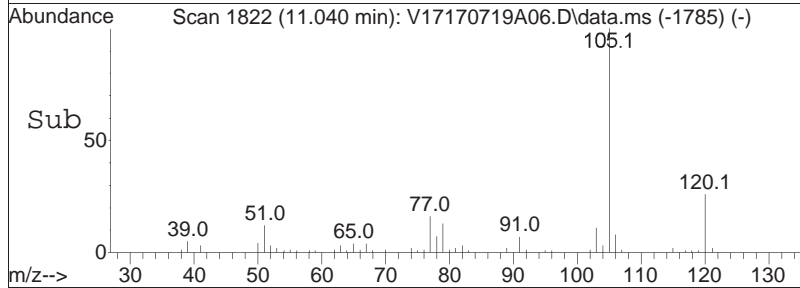
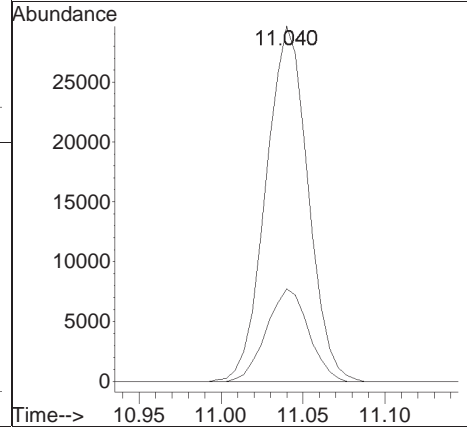
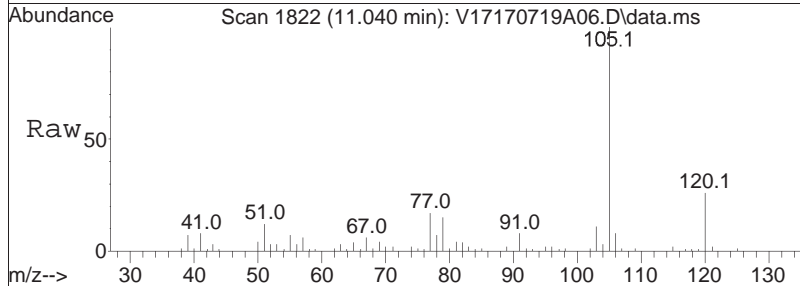
Tgt Ion	Ratio	Lower	Upper
104	100		
78	0.0	34.1	51.1#

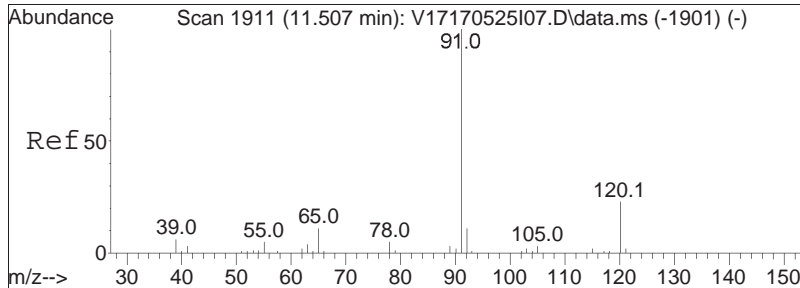




#82
 Isopropylbenzene
 Concen: 4.70 ug/L
 RT: 11.040 min Scan# 1822
 Delta R.T. -0.005 min
 Lab File: V17170719A06.D
 Acq: 19 Jul 2017 09:14

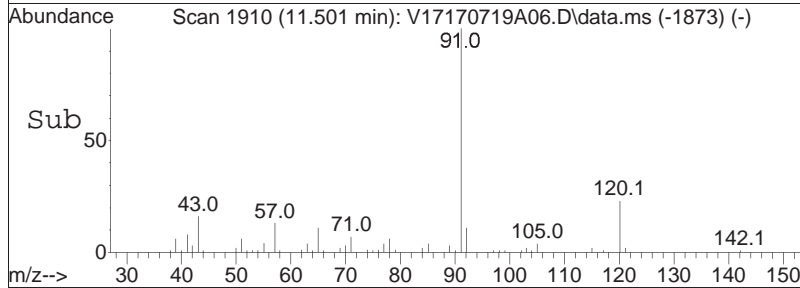
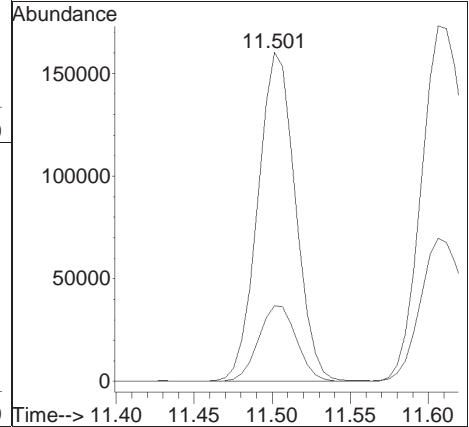
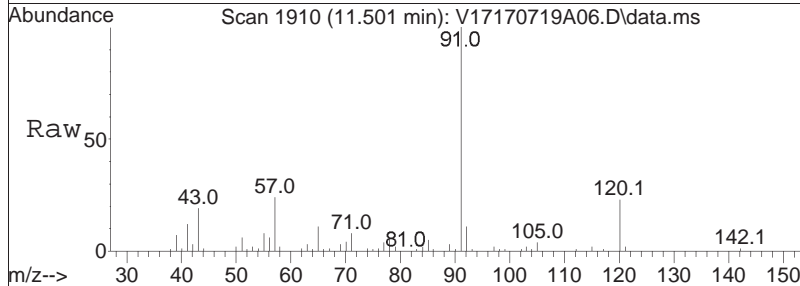
Tgt Ion	Resp	Lower	Upper
105	100		
120	26.1	6.6	46.6

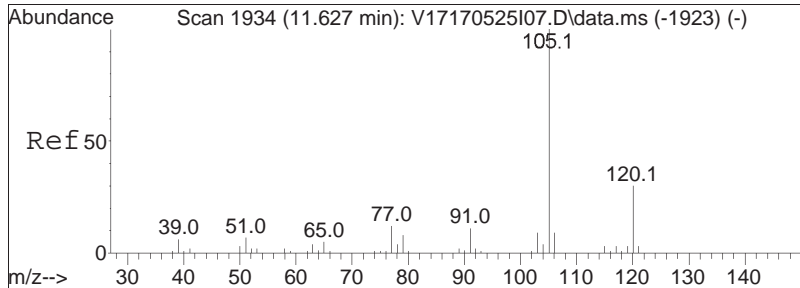




#85
 n-Propylbenzene
 Concen: 19.08 ug/L
 RT: 11.501 min Scan# 1910
 Delta R.T. -0.006 min
 Lab File: V17170719A06.D
 Acq: 19 Jul 2017 09:14

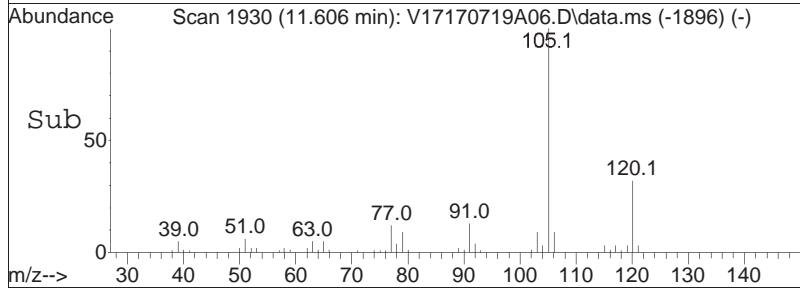
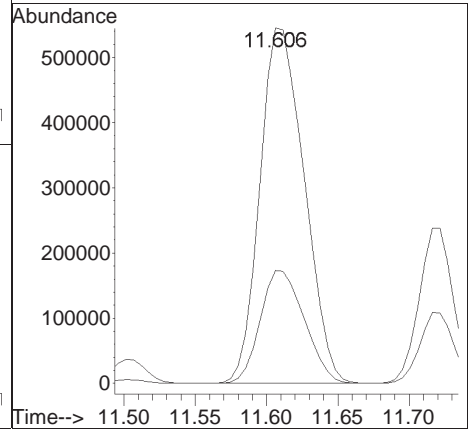
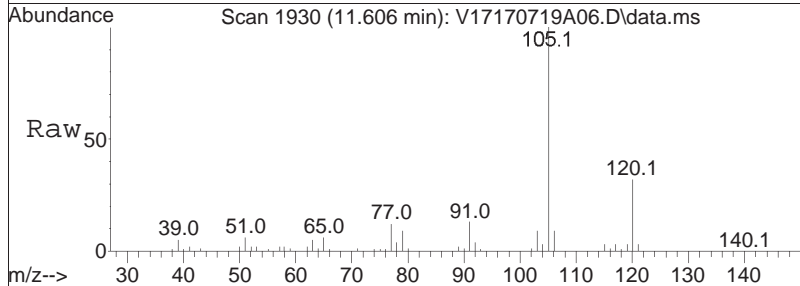
Tgt Ion:	91	Resp:	267080
Ion Ratio	Lower	Upper	
91	100		
120	23.3	19.5	29.3

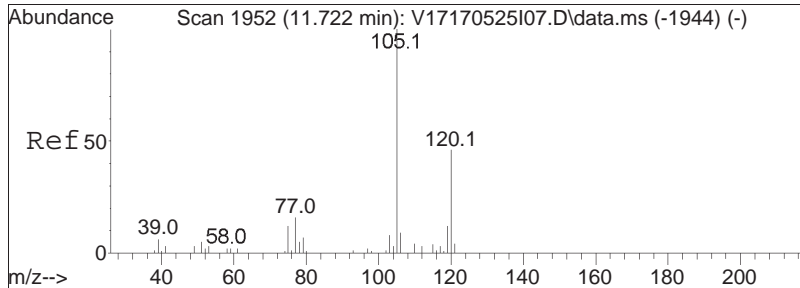




#88
 4-Ethyltoluene
 Concen: 104.99 ug/L
 RT: 11.606 min Scan# 1930
 Delta R.T. -0.021 min
 Lab File: V17170719A06.D
 Acq: 19 Jul 2017 09:14

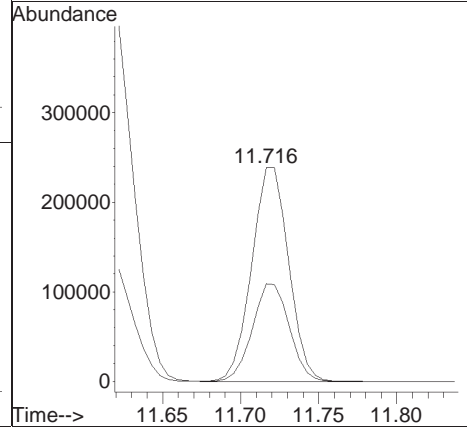
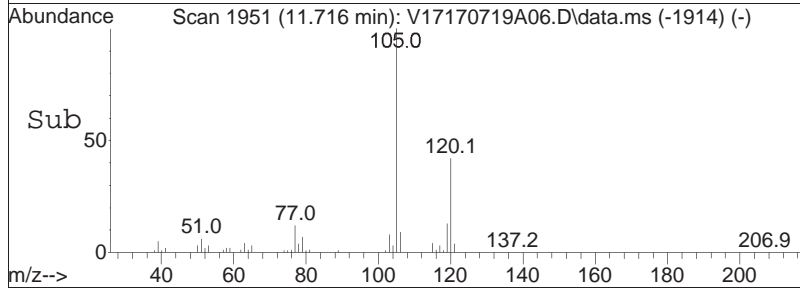
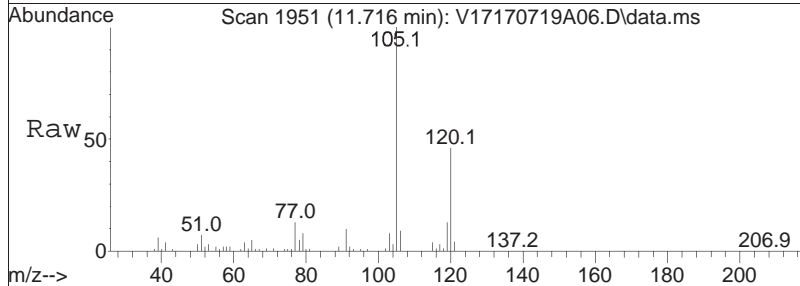
Tgt Ion	Resp	Lower	Upper
105	100		
120	31.5	20.2	42.0

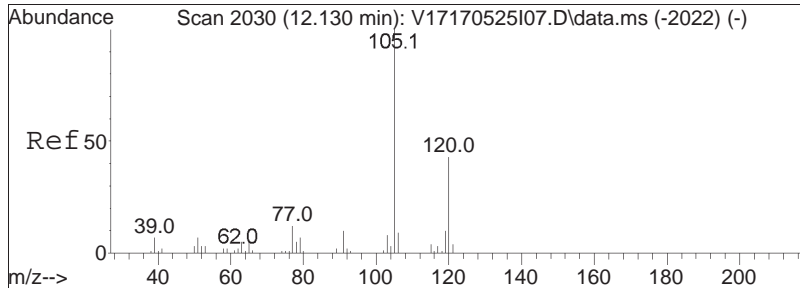




#90
 1,3,5-Trimethylbenzene
 Concen: 39.07 ug/L
 RT: 11.716 min Scan# 1951
 Delta R.T. -0.006 min
 Lab File: V17170719A06.D
 Acq: 19 Jul 2017 09:14

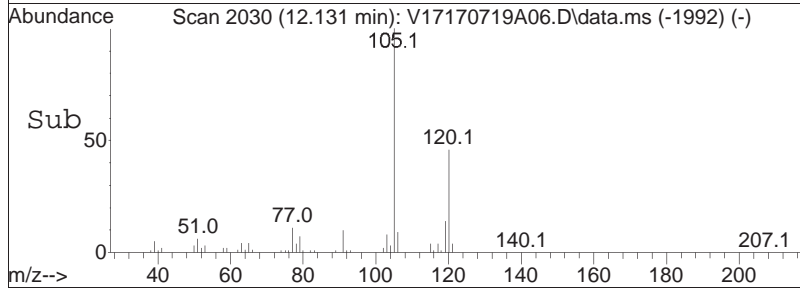
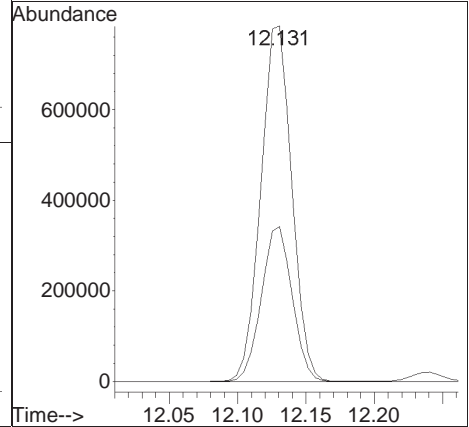
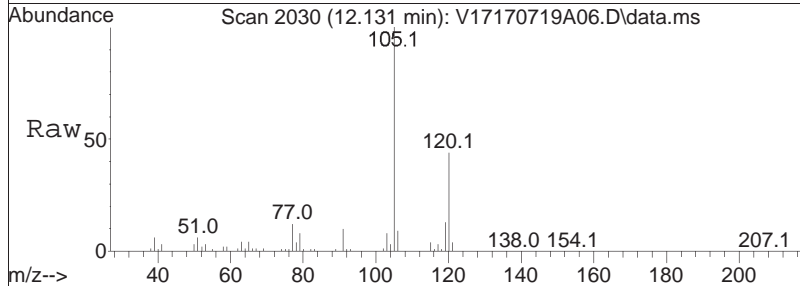
Tgt Ion	Resp	Lower	Upper
105	100		
120	45.5	37.9	56.9

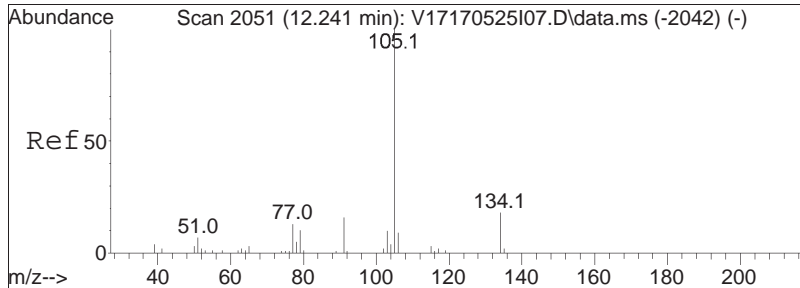




#97
 1,2,4-Trimethylbenzene
 Concen: 124.58 ug/L
 RT: 12.131 min Scan# 2030
 Delta R.T. -0.000 min
 Lab File: V17170719A06.D
 Acq: 19 Jul 2017 09:14

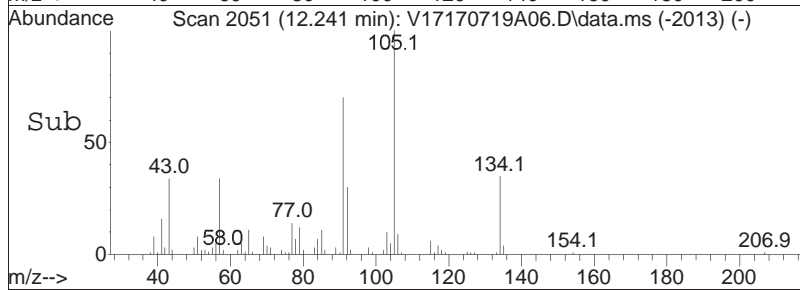
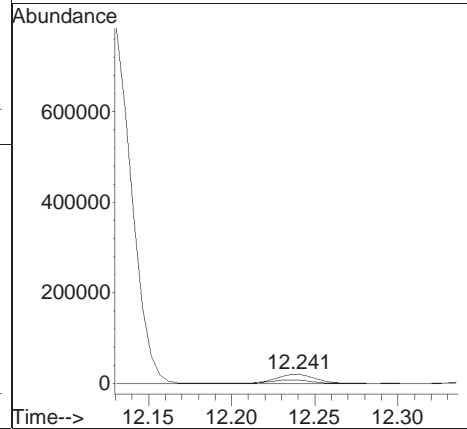
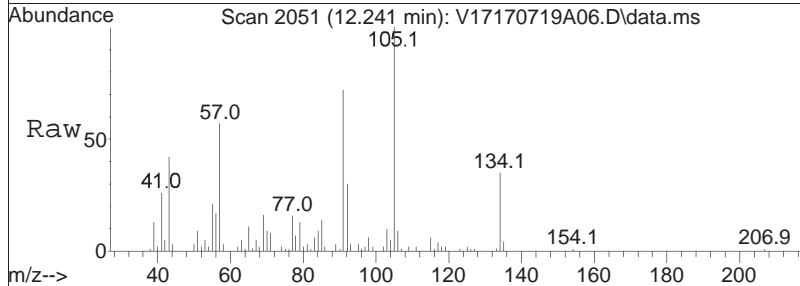
Tgt Ion	Resp	Lower	Upper
105	100		
120	43.3	35.7	53.5

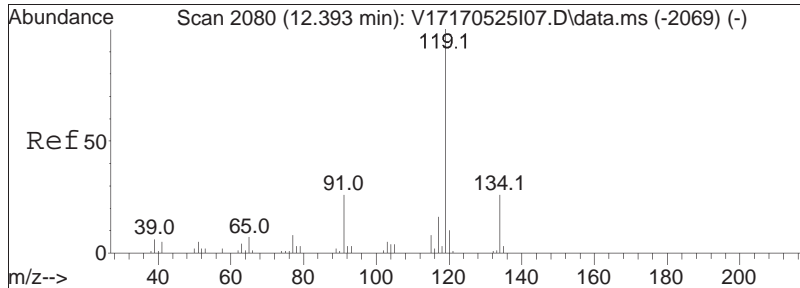




#98
 sec-Butylbenzene
 Concen: 2.64 ug/L M2
 RT: 12.241 min Scan# 2051
 Delta R.T. -0.000 min
 Lab File: V17170719A06.D
 Acq: 19 Jul 2017 09:14

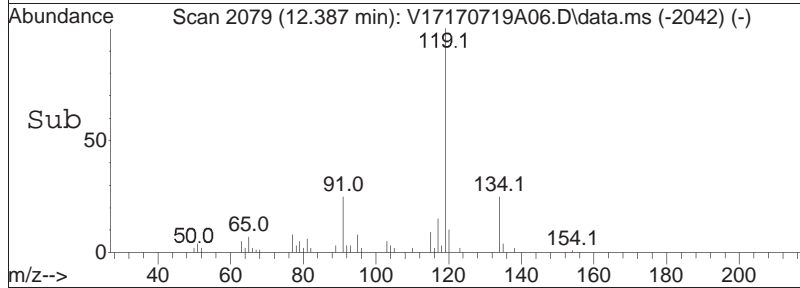
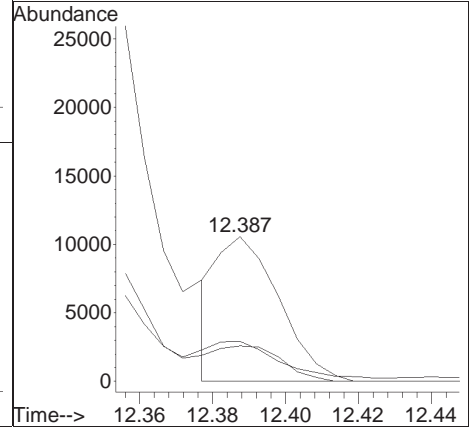
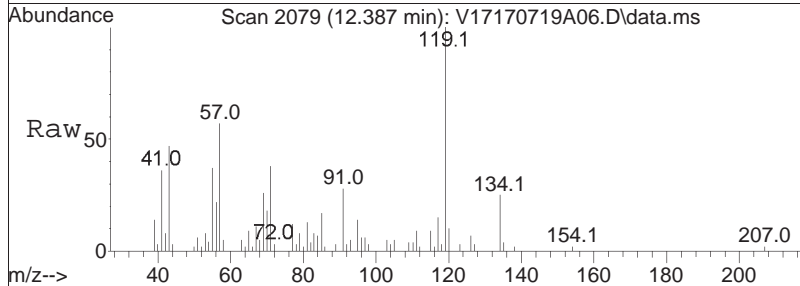
Tgt Ion	Resp	Lower	Upper
105	100		
134	0.0	12.5	25.9#

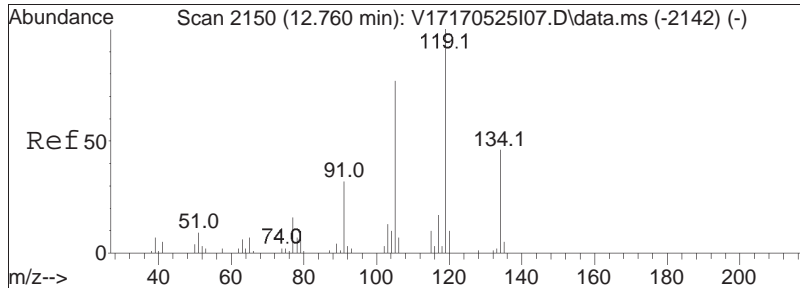




#99
 p-Isopropyltoluene
 Concen: 1.18 ug/L
 RT: 12.387 min Scan# 2079
 Delta R.T. -0.006 min
 Lab File: V17170719A06.D
 Acq: 19 Jul 2017 09:14

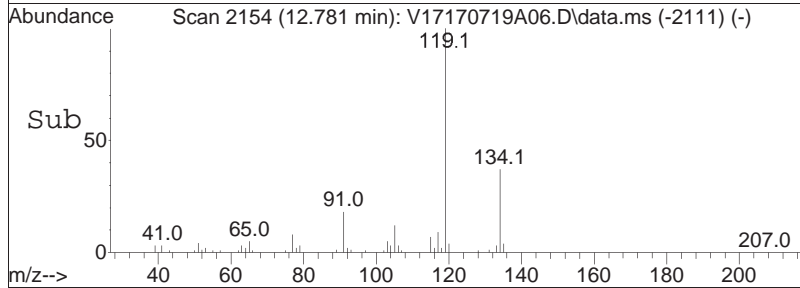
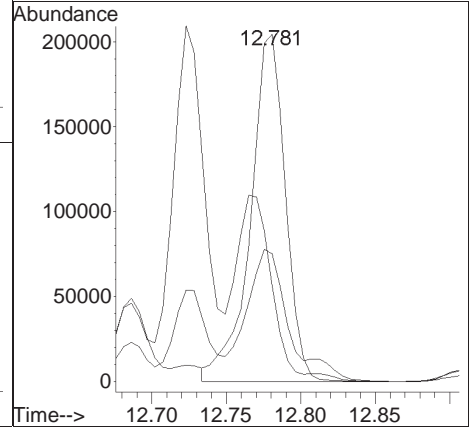
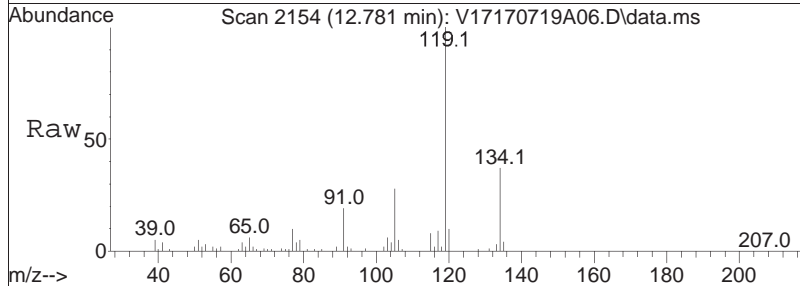
Tgt Ion	Resp	Lower	Upper
119	12581		
134	25.8	17.0	35.2
91	29.5	15.6	32.4

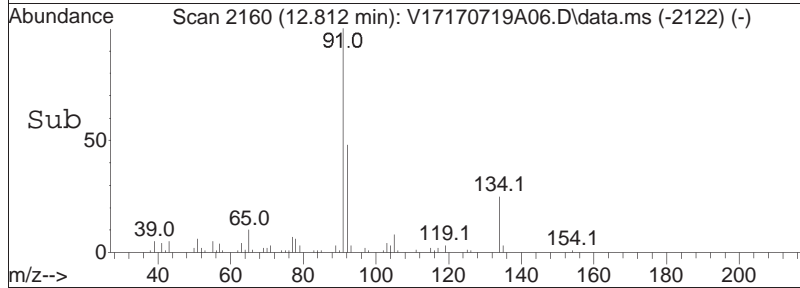
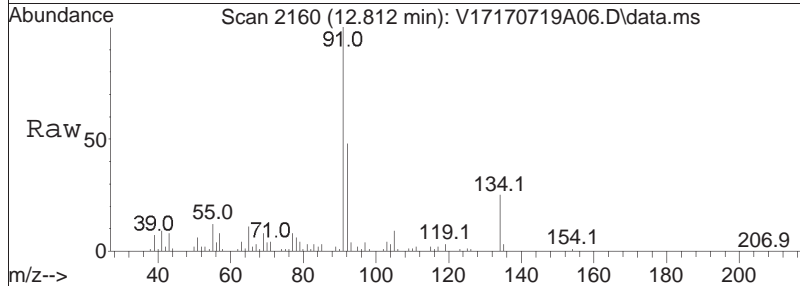
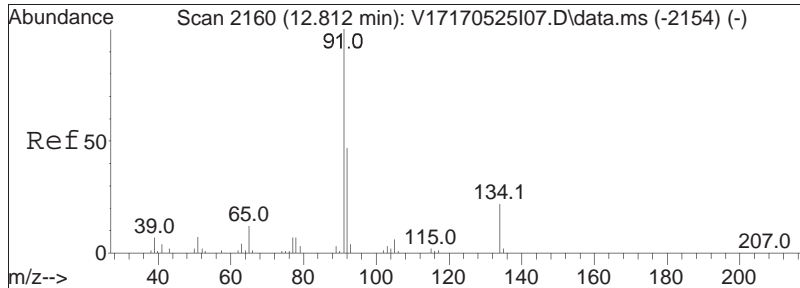




#102
 p-Diethylbenzene
 Concen: 50.65 ug/L
 RT: 12.781 min Scan# 2154
 Delta R.T. 0.026 min
 Lab File: V17170719A06.D
 Acq: 19 Jul 2017 09:14

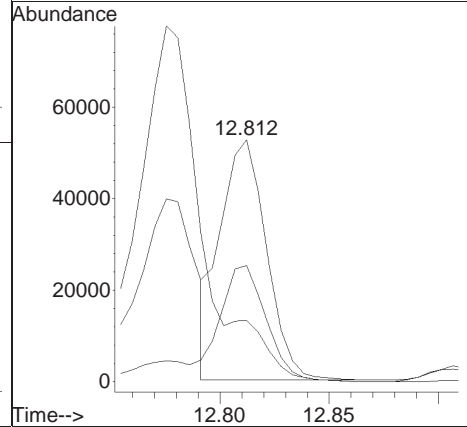
Tgt Ion	Resp	Lower	Upper
119	100		
105	54.7	49.9	103.5
134	45.8	30.6	63.4

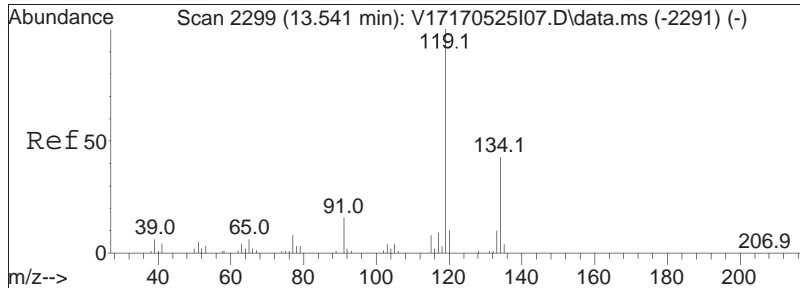




#103
 n-Butylbenzene
 Concen: 7.06 ug/L
 RT: 12.812 min Scan# 2160
 Delta R.T. 0.000 min
 Lab File: V17170719A06.D
 Acq: 19 Jul 2017 09:14

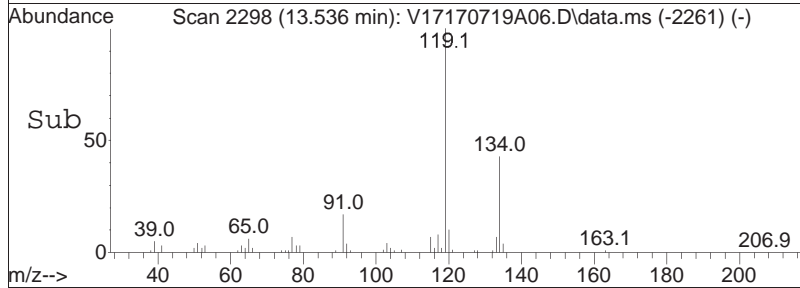
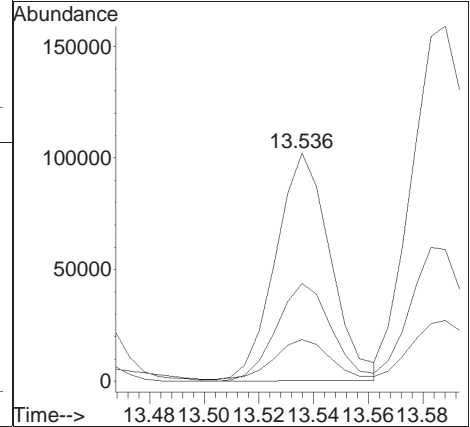
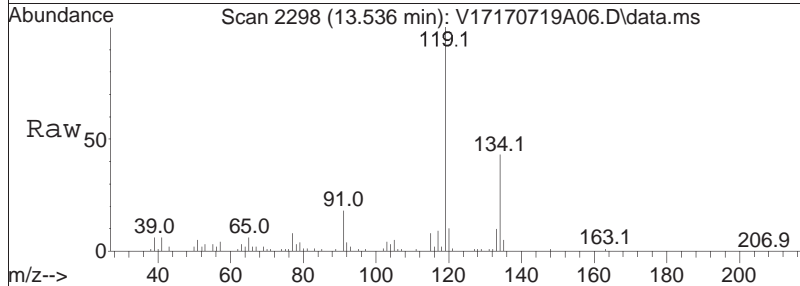
Tgt Ion:	91	Resp:	77941
Ion Ratio	100	Lower	Upper
91	100		
92	48.4	39.0	58.4
134	0.0	21.3	31.9#

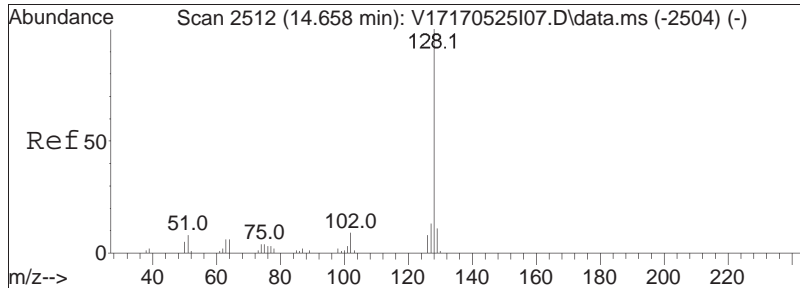




#105
 1,2,4,5-Tetramethylbenzene
 Concen: 14.41 ug/L
 RT: 13.536 min Scan# 2298
 Delta R.T. -0.005 min
 Lab File: V17170719A06.D
 Acq: 19 Jul 2017 09:14

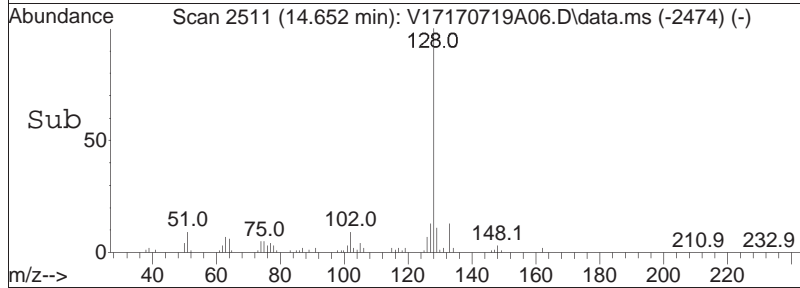
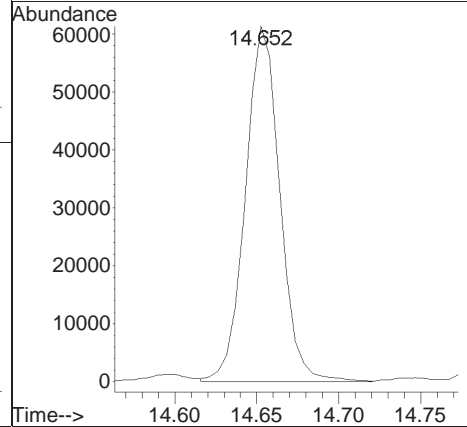
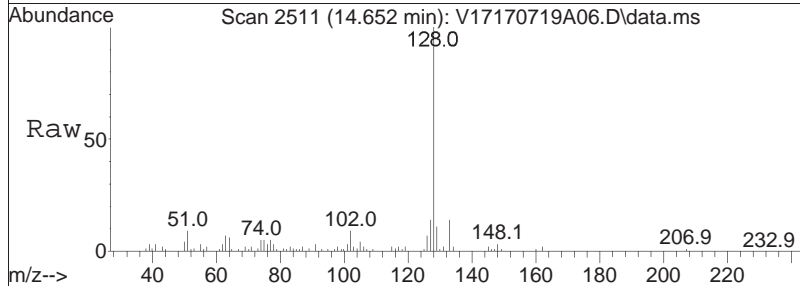
Tgt Ion	Ratio	Lower	Upper
119	100		
134	43.6	29.3	60.8
91	19.1	10.0	20.8





#110
 Naphthalene
 Concen: 13.27 ug/L
 RT: 14.652 min Scan# 2511
 Delta R.T. -0.006 min
 Lab File: V17170719A06.D
 Acq: 19 Jul 2017 09:14

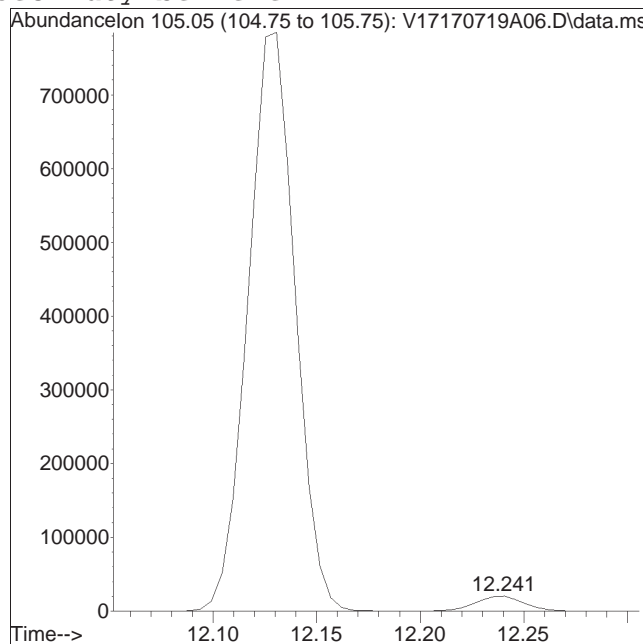
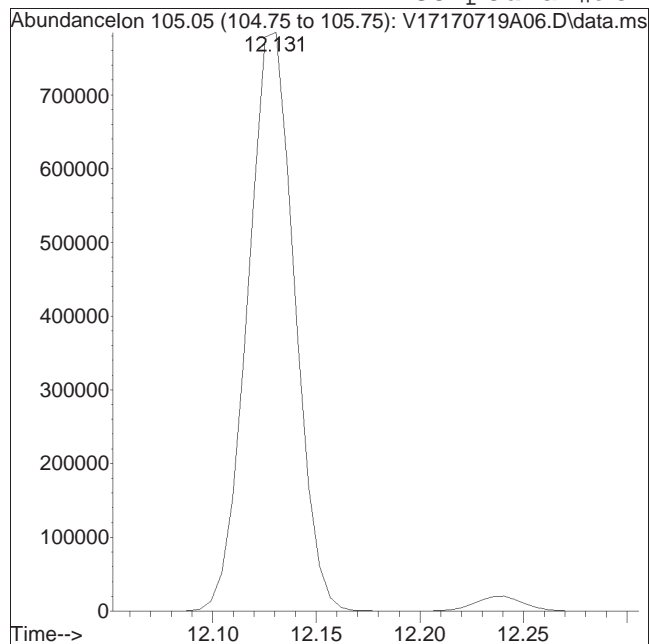
Tgt Ion:128 Resp: 89503



Manual Integration Report

Data Path : I:\VOLATILES\VOA117\2017\1QMethod : V117_170525_8260.m
Data File : V17170719A06.D Operator : VOA117:CBN
Date Inj'd : 7/19/2017 9:14 Instrument : VOA 117
Sample : 11723686-04D2,31H,20.9,5,0 Quant Date : 7/19/2017 9:42 am

Compound #98: sec-Butylbenzene



Original Peak Response = 1236477

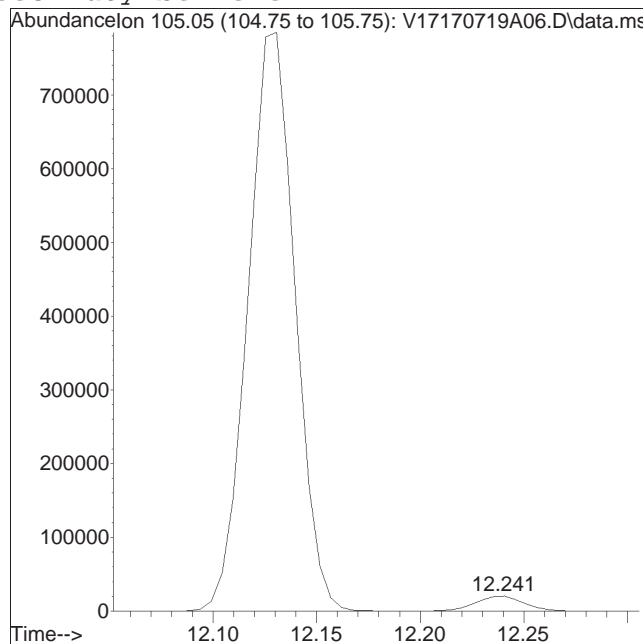
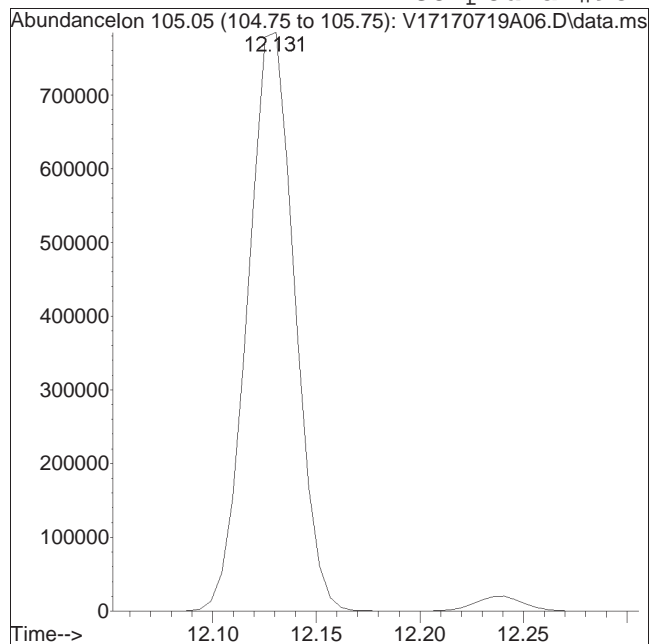
Manual Peak Response = 33309 M2

M2 = Peak not found by automatic integration algorithm.

Manual Integration Report

Data Path : I:\VOLATILES\VOA117\2017\1QMethod : V117_170525_8260.m
Data File : V17170719A06.D Operator : VOA117:CBN
Date Inj'd : 7/19/2017 9:14 Instrument : VOA 117
Sample : 11723686-04D2,31H,20.9,5,0 Quant Date : 7/19/2017 9:42 am

Compound #98: sec-Butylbenzene



Original Peak Response = 1236477

Manual Peak Response = 33309 M2

M2 = Peak not found by automatic integration algorithm.

Volatiles Standards Data

Initial Calibration

Initial Calibration Summary

Form 6

Client	: AEI Consultants	Lab Number	: L1723686
Project Name	: VAZQUEZ	Project Number	: 344060
Instrument ID	: VOA104	Ical Ref	: ICAL13672
Calibration dates	: 05/17/17 12:32 05/17/17 16:28		

Calibration Files

L1 =V04170517I03.D L2 =V04170517I05.D L3 =V04170517I07.D L4 =V04170517I08.D L5 =V04170517I09.D
 L6 =V04170517I10.D L7 =V04170517I11.D L8 =V04170517I12.D

Compound	L1	L2	L3	L4	L5	L6	L7	L8	Avg	%RSD
1) I Fluorobenzene	-----ISTD-----									
2) T Dichlorodifluoromethane	0.270	0.288	0.278	0.280	0.275	0.262	0.300	0.265	0.277	4.53
3) T Chloromethane	0.555	0.515	0.439	0.419	0.413	0.388	0.429	0.393	0.444	13.41
4) C Vinyl chloride	0.323	0.371	0.324	0.320	0.319	0.300	0.348	0.311	0.327	6.81
5) T Bromomethane	0.275	0.254	0.179	0.189	0.183	0.178	0.210	0.195	*L	0.9960
6) T Chloroethane	0.210	0.222	0.182	0.176	0.169	0.145			0.184	15.15
7) T Trichlorofluoromethane	0.399	0.456	0.426	0.431	0.427	0.404	0.449	0.388	0.422	5.69
8) T Ethyl ether	0.141	0.150	0.143	0.144	0.136	0.133	0.141	0.134	0.140	4.00
10) C 1,1-Dichloroethene	0.268	0.289	0.264	0.271	0.271	0.251	0.290	0.254	0.270	5.25
11) T Carbon disulfide		1.454	1.252	1.166	1.221	1.209	1.001	0.936	1.177	14.47
12) T Freon-113	0.242	0.264	0.260	0.255	0.246	0.234	0.266	0.233	0.250	5.28
14) T Acrolein	0.033	0.043	0.049	0.053	0.052	0.049	0.053	0.052	0.048	14.48
15) T Methylene chloride	0.406	0.377	0.326	0.322	0.319	0.295	0.321	0.307	0.334	11.28
17) T Acetone		0.092	0.072	0.067	0.061	0.059	0.061	0.061	0.068	17.25
18) T trans-1,2-Dichloroethene	0.317	0.339	0.303	0.304	0.298	0.275	0.313	0.282	0.304	6.56
19) T Methyl acetate	0.204	0.186	0.193	0.181	0.178	0.167	0.184	0.173	0.183	6.20
20) T Methyl tert-butyl ether	0.793	0.843	0.825	0.819	0.813	0.769	0.831	0.795	0.811	2.94
21) T tert-Butyl alcohol	0.029	0.030	0.031	0.030	0.031	0.030	0.031	0.031	0.030	2.45
22) T Diisopropyl ether	1.147	1.242	1.173	1.151	1.149	1.066	1.144	1.094	1.146	4.57
23) T 1,1-Dichloroethane	0.657	0.687	0.605	0.583	0.585	0.540	0.611	0.566	0.604	7.93
24) T Halothane	0.227	0.258	0.231	0.230	0.231	0.207	0.245	0.225	0.232	6.33
25) T Acrylonitrile	0.061	0.089	0.102	0.098	0.096	0.093	0.101	0.097	0.092	14.37
26) T Ethyl tert-butyl ether	1.042	1.114	1.053	1.025	1.048	0.953	1.042	0.992	1.034	4.56
27) T Vinyl acetate	0.502	0.592	0.683	0.685	0.677	0.638	0.691	0.661	0.641	10.18
28) T cis-1,2-Dichloroethene	0.376	0.377	0.327	0.322	0.328	0.299	0.334	0.309	0.334	8.60
29) T 2,2-Dichloropropane	0.482	0.492	0.439	0.426	0.433	0.396	0.461	0.418	0.443	7.41
30) T Bromochloromethane	0.168	0.185	0.176	0.173	0.164	0.156	0.165	0.155	0.168	6.11
31) T Cyclohexane	0.491	0.534	0.517	0.519	0.499	0.468	0.521	0.462	0.501	5.23
32) C Chloroform	0.584	0.610	0.548	0.537	0.530	0.513	0.547	0.514	0.548	6.20
33) T Ethyl acetate	0.253	0.264	0.283	0.286	0.286	0.268	0.271	0.260	0.272	4.58
34) T Carbon tetrachloride	0.317	0.402	0.401	0.415	0.426	0.393	0.442	0.401	0.400	9.22
35) T Tetrahydrofuran	0.064	0.093	0.088	0.089	0.104	0.101	0.095	0.081	0.089	13.99
36) S Dibromofluoromethane	0.279	0.281	0.285	0.288	0.282	0.281	0.280	0.276	0.281	1.31
37) T 1,1,1-Trichloroethane	0.477	0.500	0.461	0.461	0.461	0.440	0.484	0.443	0.466	4.35
39) T 2-Butanone	0.117	0.133	0.132	0.109	0.113	0.108	0.114	0.112	0.117	8.22
40) T 1,1-Dichloropropene	0.397	0.425	0.397	0.374	0.372	0.344	0.398	0.359	0.383	6.78
41) T Benzene	1.399	1.262	1.111	1.093	1.085	1.020	1.155	1.040	1.146	11.06
42) T tert-Amyl methyl ether	0.786	0.792	0.775	0.760	0.751	0.770	0.770	0.738	0.768	2.32



Initial Calibration Summary

Form 6

Client	: AEI Consultants	Lab Number	: L1723686
Project Name	: VAZQUEZ	Project Number	: 344060
Instrument ID	: VOA104	Ical Ref	: ICAL13672
Calibration dates	: 05/17/17 12:32 05/17/17 16:28		

Calibration Files

L1 =V04170517I03.D L2 =V04170517I05.D L3 =V04170517I07.D L4 =V04170517I08.D L5 =V04170517I09.D
 L6 =V04170517I10.D L7 =V04170517I11.D L8 =V04170517I12.D

Compound	L1	L2	L3	L4	L5	L6	L7	L8	Avg	%RSD
43) S 1,2-Dichloroethane-d4	0.254	0.267	0.258	0.259	0.250	0.255	0.258	0.262	0.258	2.05
44) T 1,2-Dichloroethane	0.443	0.429	0.420	0.410	0.407	0.402	0.418	0.396	0.416	3.64
47) T Methyl cyclohexane	0.417	0.413	0.396	0.401	0.397	0.371	0.425	0.379	0.400	4.59
48) T Trichloroethene	0.332	0.350	0.311	0.303	0.305	0.282	0.317	0.291	0.311	7.01
50) T Dibromomethane	0.186	0.182	0.187	0.186	0.185	0.175	0.189	0.181	0.184	2.39
51) C 1,2-Dichloropropane	0.322	0.360	0.339	0.334	0.333	0.308	0.342	0.321	0.332	4.72
53) T 2-Chloroethyl vinyl ether		0.037	0.047	0.047	0.044	0.046	0.049	0.049	0.045	9.29
54) T Bromodichloromethane	0.372	0.415	0.413	0.415	0.419	0.394	0.433	0.411	0.409	4.46
57) T 1,4-Dioxane	0.002	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	4.97
58) T cis-1,3-Dichloropropene	0.464	0.511	0.499	0.496	0.504	0.470	0.531	0.505	0.497	4.35
59) I Chlorobenzene-d5	-----ISTD-----									
60) S Toluene-d8	1.153	1.150	1.183	1.151	1.180	1.134	1.164	1.193	1.163	1.74
61) C Toluene	0.911	0.956	0.868	0.845	0.857	0.820	0.870	0.827	0.869	5.18
62) T 4-Methyl-2-pentanone		0.117	0.132	0.130	0.130	0.132	0.132	0.128	0.129	4.18
63) T Tetrachloroethene	0.432	0.457	0.426	0.419	0.418	0.407	0.439	0.401	0.425	4.18
65) T trans-1,3-Dichloropropene	0.409	0.475	0.510	0.508	0.518	0.518	0.543	0.521	0.500	8.26
67) T Ethyl methacrylate	0.304	0.352	0.416	0.409	0.417	0.415	0.419	0.407	0.393	10.67
68) T 1,1,2-Trichloroethane	0.251	0.265	0.272	0.261	0.264	0.261	0.265	0.253	0.262	2.63
69) T Chlorodibromomethane	0.347	0.402	0.424	0.422	0.436	0.435	0.451	0.436	0.419	7.75
70) T 1,3-Dichloropropane	0.496	0.506	0.517	0.504	0.510	0.504	0.515	0.497	0.506	1.51
71) T 1,2-Dibromoethane	0.300	0.328	0.348	0.339	0.344	0.343	0.352	0.343	0.337	4.91
72) T 2-Hexanone	0.158	0.189	0.216	0.219	0.224	0.227	0.228	0.226	0.211	11.85
73) T Chlorobenzene	1.126	1.141	1.059	1.040	1.054	1.030	1.070	1.006	1.066	4.33
74) C Ethylbenzene	1.767	1.799	1.665	1.627	1.645	1.597	1.692	1.576	1.671	4.69
75) T 1,1,1,2-Tetrachloroethane	0.394	0.402	0.406	0.397	0.407	0.399	0.419	0.397	0.403	1.99
76) T p/m Xylene	0.742	0.734	0.684	0.661	0.667	0.648	0.667	0.611	0.677	6.39
77) T o Xylene	0.678	0.700	0.650	0.641	0.644	0.620	0.642	0.586	0.645	5.34
78) T Styrene	1.101	1.136	1.103	1.066	1.091	1.051	1.078	0.991	1.077	4.02
79) I 1,4-Dichlorobenzene-d4	-----ISTD-----									
80) T Bromoform	0.421	0.476	0.498	0.510	0.547	0.522	0.571	0.539	0.510	9.15
82) T Isopropylbenzene	3.481	3.519	3.153	3.210	3.318	3.117	3.506	3.110	3.302	5.41
83) S 4-Bromofluorobenzene	0.886	0.869	0.860	0.871	0.885	0.865	0.911	0.882	0.879	1.86
84) T Bromobenzene	0.902	0.925	0.887	0.886	0.941	0.886	0.956	0.896	0.910	3.01
85) T n-Propylbenzene	3.775	3.985	3.572	3.505	3.681	3.464	3.905	3.423	3.664	5.70
86) T 1,4-Dichlorobutane	1.148	1.132	1.100	1.100	1.167	1.106	1.175	1.088	1.127	2.96
87) T 1,1,2,2-Tetrachloroethane	0.756	0.718	0.728	0.720	0.766	0.712	0.769	0.732	0.738	3.07
88) T 4-Ethyltoluene	3.339	3.338	3.094	3.063	3.225	3.052	3.302	3.042	3.182	4.18
89) T 2-Chlorotoluene	2.353	2.433	2.135	2.142	2.248	2.066	2.348	2.083	2.226	6.26



Initial Calibration Summary

Form 6

Client	: AEI Consultants	Lab Number	: L1723686
Project Name	: VAZQUEZ	Project Number	: 344060
Instrument ID	: VOA104	Ical Ref	: ICAL13672
Calibration dates	: 05/17/17 12:32 05/17/17 16:28		

Calibration Files

L1 =V04170517I03.D L2 =V04170517I05.D L3 =V04170517I07.D L4 =V04170517I08.D L5 =V04170517I09.D
 L6 =V04170517I10.D L7 =V04170517I11.D L8 =V04170517I12.D

		Compound	L1	L2	L3	L4	L5	L6	L7	L8	Avg	%RSD
90)	T	1,3,5-Trimethylbenzene	2.964	3.027	2.659	2.619	2.792	2.659	2.846	2.556	2.765	6.15
91)	T	1,2,3-Trichloropropane	0.568	0.567	0.542	0.519	0.543	0.537	0.553	0.512	0.543	3.74
92)	T	trans-1,4-Dichloro-2-b...		0.152	0.203	0.205	0.211	0.210	0.225	0.216	0.203	11.58
93)	T	4-Chlorotoluene	2.360	2.365	2.169	2.118	2.272	2.120	2.394	2.138	2.242	5.31
94)	T	tert-Butylbenzene	2.479	2.489	2.245	2.223	2.282	2.246	2.450	2.177	2.324	5.47
97)	T	1,2,4-Trimethylbenzene	2.825	2.892	2.731	2.684	2.806	2.701	2.848	2.617	2.763	3.41
98)	T	sec-Butylbenzene	3.701	3.731	3.384	3.302	3.414	3.346	3.534	3.212	3.453	5.41
99)	T	p-Isopropyltoluene	3.132	3.146	2.859	2.925	2.980	2.821	3.063	2.843	2.971	4.38
100)	T	1,3-Dichlorobenzene	1.700	1.765	1.614	1.627	1.723	1.618	1.700	1.574	1.665	3.95
101)	T	1,4-Dichlorobenzene	1.900	1.826	1.615	1.612	1.697	1.616	1.698	1.606	1.696	6.57
102)	T	p-Diethylbenzene	1.782	1.870	1.669	1.733	1.763	1.653	1.810	1.648	1.741	4.60
103)	T	n-Butylbenzene	2.721	2.762	2.501	2.551	2.593	2.479	2.688	2.429	2.591	4.72
104)	T	1,2-Dichlorobenzene	1.564	1.612	1.525	1.532	1.579	1.490	1.596	1.493	1.549	2.96
105)	T	1,2,4,5-Tetramethylben...	2.969	2.897	2.736	2.811	2.911	2.729	3.003	2.746	2.850	3.83
106)	T	1,2-Dibromo-3-chloropr...		0.113	0.118	0.124	0.132	0.129	0.139	0.133	0.127	7.27
107)	T	1,3,5-Trichlorobenzene	1.243	1.318	1.205	1.234	1.255	1.164	1.297	1.153	1.234	4.74
108)	T	Hexachlorobutadiene	0.614	0.612	0.553	0.564	0.577	0.541	0.630	0.546	0.579	5.95
109)	T	1,2,4-Trichlorobenzene	1.148	1.170	1.109	1.140	1.197	1.092	1.208	1.087	1.144	4.02
110)	T	Naphthalene	2.553	2.323	2.405	2.431	2.550	2.372	2.602	2.437	2.459	4.01
111)	T	1,2,3-Trichlorobenzene	1.101	1.044	1.039	1.037	1.085	1.019	1.129	1.021	1.060	3.83



Initial Calibration Summary

Form 6

Client	: AEI Consultants	Lab Number	: L1723686
Project Name	: VAZQUEZ	Project Number	: 344060
Instrument ID	: VOA117	Ical Ref	: ICAL13689
Calibration dates	: 05/25/17 07:30 05/25/17 11:24		

Calibration Files

L1 =V17170525I03.D L2 =V17170525I05.D L3 =V17170525I07.D L4 =V17170525I08.D L5 =V17170525I09.D
 L6 =V17170525I10.D L7 =V17170525I11.D L8 =V17170525I12.D

Compound	L1	L2	L3	L4	L5	L6	L7	L8	Avg	%RSD
1) I Fluorobenzene	-----ISTD-----									
2) T Dichlorodifluoromethane	0.413	0.438	0.433	0.431	0.453	0.448	0.444	0.444	0.438	2.87
3) T Chloromethane	0.639	0.588	0.524	0.507	0.513	0.501	0.495	0.501	0.533	9.74
4) C Vinyl chloride	0.505	0.528	0.520	0.514	0.526	0.523	0.516	0.521	0.519	1.42
5) T Bromomethane	0.411	0.373	0.319	0.309	0.315	0.312	0.311	0.322	0.334	11.23
6) T Chloroethane	0.278	0.307	0.286	0.285	0.291	0.298	0.292	0.179	0.277	14.64
7) T Trichlorofluoromethane	0.633	0.675	0.661	0.652	0.678	0.677	0.674	0.675	0.666	2.41
8) T Ethyl ether	0.126	0.141	0.136	0.146	0.144	0.149	0.148	0.151	0.143	5.92
10) C 1,1-Dichloroethene	0.322	0.315	0.300	0.303	0.310	0.317	0.317	0.327	0.314	2.92
11) T Carbon disulfide		1.535	1.196	1.144	1.119	1.103	1.080	1.104	1.183	13.49
12) T Freon-113	0.256	0.283	0.283	0.280	0.297	0.297	0.299	0.304	0.287	5.43
14) T Acrolein	0.022	0.038	0.037	0.041	0.040	0.041	0.042	0.042	*L	0.9996
15) T Methylene chloride	0.420	0.356	0.325	0.337	0.334	0.343	0.338	0.344	0.349	8.50
17) T Acetone		0.079	0.058	0.059	0.053	0.055	0.054	0.054	*L	0.9996
18) T trans-1,2-Dichloroethene	0.353	0.348	0.330	0.332	0.342	0.344	0.345	0.354	0.344	2.54
19) T Methyl acetate	0.146	0.157	0.143	0.153	0.146	0.156	0.152	0.154	0.151	3.50
20) T Methyl tert-butyl ether	0.741	0.757	0.733	0.786	0.774	0.814	0.802	0.810	0.777	4.01
21) T tert-Butyl alcohol	0.023	0.022	0.023	0.027	0.024	0.026	0.025	0.026	0.024	6.62
22) T Diisopropyl ether	1.020	1.105	1.074	1.149	1.153	1.200	1.191	1.205	1.137	5.79
23) T 1,1-Dichloroethane	0.732	0.732	0.684	0.702	0.709	0.724	0.716	0.730	0.716	2.37
24) T Halothane	0.274	0.301	0.281	0.290	0.297	0.302	0.301	0.310	0.294	4.15
25) T Acrylonitrile	0.061	0.079	0.078	0.086	0.081	0.086	0.085	0.085	0.080	10.66
26) T Ethyl tert-butyl ether	0.932	1.014	1.006	1.088	1.081	1.130	1.131	1.152	1.067	7.14
27) T Vinyl acetate	0.539	0.614	0.628	0.692	0.679	0.717	0.709	0.717	0.662	9.56
28) T cis-1,2-Dichloroethene	0.347	0.379	0.353	0.365	0.367	0.375	0.374	0.382	0.368	3.39
29) T 2,2-Dichloropropane	0.521	0.539	0.520	0.529	0.539	0.555	0.548	0.564	0.539	2.91
30) T Bromochloromethane	0.156	0.161	0.158	0.165	0.163	0.167	0.162	0.163	0.162	2.24
31) T Cyclohexane	0.507	0.579	0.626	0.636	0.671	0.679	0.690	0.699	0.636	10.28
32) C Chloroform	0.647	0.670	0.622	0.639	0.640	0.652	0.641	0.654	0.646	2.16
33) T Ethyl acetate	0.190	0.227	0.222	0.247	0.234	0.247	0.239	0.241	0.231	8.06
34) T Carbon tetrachloride	0.393	0.487	0.507	0.524	0.542	0.558	0.563	0.571	0.518	11.24
35) T Tetrahydrofuran	0.052	0.065	0.064	0.072	0.066	0.072	0.067	0.068	0.066	9.30
36) S Dibromofluoromethane	0.264	0.268	0.265	0.266	0.264	0.268	0.268	0.272	0.267	1.03
37) T 1,1,1-Trichloroethane	0.566	0.594	0.572	0.585	0.600	0.608	0.606	0.618	0.594	3.04
39) T 2-Butanone	0.075	0.096	0.089	0.100	0.094	0.096	0.094	0.096	0.092	8.42
40) T 1,1-Dichloropropene	0.446	0.446	0.455	0.463	0.481	0.489	0.489	0.500	0.471	4.48
41) T Benzene	1.518	1.447	1.343	1.378	1.391	1.414	1.400	1.425	1.414	3.68
42) T tert-Amyl methyl ether	0.646	0.700	0.701	0.771	0.760	0.798	0.794	0.807	0.747	7.79



Initial Calibration Summary

Form 6

Client	: AEI Consultants	Lab Number	: L1723686
Project Name	: VAZQUEZ	Project Number	: 344060
Instrument ID	: VOA117	Ical Ref	: ICAL13689
Calibration dates	: 05/25/17 07:30 05/25/17 11:24		

Calibration Files

L1 =V17170525I03.D L2 =V17170525I05.D L3 =V17170525I07.D L4 =V17170525I08.D L5 =V17170525I09.D
 L6 =V17170525I10.D L7 =V17170525I11.D L8 =V17170525I12.D

Compound	L1	L2	L3	L4	L5	L6	L7	L8	Avg	%RSD
43) S 1,2-Dichloroethane-d4	0.273	0.269	0.269	0.274	0.267	0.273	0.279	0.283	0.273	1.93
44) T 1,2-Dichloroethane	0.498	0.496	0.455	0.474	0.464	0.479	0.467	0.471	0.475	3.18
47) T Methyl cyclohexane	0.422	0.465	0.517	0.530	0.558	0.573	0.580	0.594	0.530	11.38
48) T Trichloroethene	0.399	0.415	0.392	0.402	0.408	0.415	0.418	0.430	0.410	2.99
50) T Dibromomethane	0.169	0.197	0.185	0.197	0.191	0.199	0.195	0.197	0.191	5.23
51) C 1,2-Dichloropropane	0.393	0.414	0.395	0.416	0.414	0.425	0.422	0.430	0.413	3.23
53) T 2-Chloroethyl vinyl ether	0.094	0.114	0.102	0.106	0.096	0.104	0.103	0.102	0.103	5.88
54) T Bromodichloromethane	0.440	0.459	0.450	0.476	0.474	0.489	0.484	0.494	0.471	4.13
57) T 1,4-Dioxane	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	10.16
58) T cis-1,3-Dichloropropene	0.466	0.499	0.502	0.543	0.546	0.564	0.562	0.574	0.532	7.24
59) I Chlorobenzene-d5	-----ISTD-----									
60) S Toluene-d8	1.305	1.299	1.320	1.301	1.310	1.283	1.273	1.265	1.295	1.45
61) C Toluene	1.077	1.098	1.037	1.050	1.075	1.086	1.070	1.085	1.072	1.84
62) T 4-Methyl-2-pentanone		0.094	0.096	0.111	0.107	0.114	0.112	0.114	0.107	7.89
63) T Tetrachloroethene	0.496	0.499	0.489	0.495	0.508	0.505	0.501	0.507	0.500	1.30
65) T trans-1,3-Dichloropropene	0.492	0.528	0.526	0.570	0.564	0.587	0.578	0.579	0.553	6.08
67) T Ethyl methacrylate	0.267	0.325	0.350	0.407	0.397	0.425	0.425	0.432	*L	0.9988
68) T 1,1,2-Trichloroethane	0.257	0.292	0.278	0.295	0.285	0.297	0.289	0.291	0.285	4.51
69) T Chlorodibromomethane	0.364	0.416	0.399	0.436	0.432	0.445	0.438	0.441	0.421	6.56
70) T 1,3-Dichloropropane	0.497	0.507	0.479	0.506	0.497	0.510	0.494	0.493	0.498	1.98
71) T 1,2-Dibromoethane	0.302	0.302	0.294	0.319	0.310	0.319	0.311	0.311	0.308	2.84
72) T 2-Hexanone	0.172	0.189	0.176	0.202	0.190	0.205	0.199	0.200	0.192	6.39
73) T Chlorobenzene	1.204	1.266	1.170	1.215	1.231	1.240	1.228	1.232	1.223	2.28
74) C Ethylbenzene	1.974	2.027	2.056	2.129	2.202	2.227	2.204	2.214	2.129	4.61
75) T 1,1,1,2-Tetrachloroethane	0.407	0.450	0.433	0.452	0.453	0.462	0.457	0.461	0.447	4.16
76) T p/m Xylene	0.702	0.778	0.794	0.826	0.856	0.863	0.859	0.871	0.819	7.12
77) T o Xylene	0.677	0.730	0.749	0.781	0.802	0.820	0.823	0.830	0.776	6.95
78) T Styrene	1.012	1.215	1.214	1.302	1.335	1.379	1.373	1.360	1.274	9.77
79) I 1,4-Dichlorobenzene-d4	-----ISTD-----									
80) T Bromoform	0.410	0.483	0.456	0.507	0.502	0.531	0.526	0.525	0.493	8.47
82) T Isopropylbenzene	3.224	3.686	3.682	3.820	3.895	3.966	3.926	3.897	3.762	6.43
83) S 4-Bromofluorobenzene	0.884	0.889	0.886	0.881	0.861	0.869	0.857	0.860	0.873	1.51
84) T Bromobenzene	0.978	0.974	0.903	0.947	0.941	0.954	0.946	0.944	0.948	2.41
85) T n-Propylbenzene	4.357	4.659	4.595	4.687	4.826	4.838	4.797	4.713	4.684	3.36
86) T 1,4-Dichlorobutane	1.097	1.144	1.123	1.207	1.161	1.204	1.168	1.163	1.159	3.22
87) T 1,1,2,2-Tetrachloroethane	0.674	0.689	0.655	0.717	0.681	0.705	0.684	0.675	0.685	2.81
88) T 4-Ethyltoluene	3.367	3.684	3.713	3.812	3.893	3.917	3.866	3.822	3.759	4.75
89) T 2-Chlorotoluene	2.662	2.845	2.683	2.768	2.795	2.809	2.782	2.734	2.760	2.28



Initial Calibration Summary Form 6

Client	: AEI Consultants	Lab Number	: L1723686
Project Name	: VAZQUEZ	Project Number	: 344060
Instrument ID	: VOA117	Ical Ref	: ICAL13689
Calibration dates	: 05/25/17 07:30 05/25/17 11:24		

Calibration Files

L1 =V17170525I03.D L2 =V17170525I05.D L3 =V17170525I07.D L4 =V17170525I08.D L5 =V17170525I09.D
 L6 =V17170525I10.D L7 =V17170525I11.D L8 =V17170525I12.D

Compound	L1	L2	L3	L4	L5	L6	L7	L8	Avg	%RSD
90) T 1,3,5-Trimethylbenzene	2.914	3.304	3.307	3.433	3.507	3.522	3.493	3.477	3.370	6.03
91) T 1,2,3-Trichloropropane	0.501	0.572	0.519	0.568	0.551	0.556	0.563	0.559	0.549	4.60
92) T trans-1,4-Dichloro-2-b...	0.200	0.201	0.211	0.232	0.221	0.227	0.219	0.217	0.216	5.39
93) T 4-Chlorotoluene	2.740	2.839	2.723	2.831	2.852	2.861	2.839	2.821	2.813	1.85
94) T tert-Butylbenzene	2.417	2.666	2.729	2.823	2.899	2.916	2.926	2.908	2.786	6.35
97) T 1,2,4-Trimethylbenzene	2.784	3.158	3.291	3.402	3.478	3.507	3.497	3.455	3.321	7.47
98) T sec-Butylbenzene	3.662	4.029	4.191	4.275	4.453	4.446	4.426	4.337	4.227	6.40
99) T p-Isopropyltoluene	2.922	3.380	3.502	3.672	3.795	3.775	3.799	3.736	3.573	8.49
100) T 1,3-Dichlorobenzene	1.975	1.981	1.880	1.928	1.947	1.929	1.931	1.916	1.936	1.68
101) T 1,4-Dichlorobenzene	2.026	1.971	1.834	1.882	1.898	1.883	1.886	1.874	1.907	3.21
102) T p-Diethylbenzene	1.889	2.029	2.144	2.206	2.319	2.307	2.345	2.317	2.194	7.49
103) T n-Butylbenzene	3.260	3.628	3.671	3.720	3.876	3.808	3.828	3.751	3.693	5.23
104) T 1,2-Dichlorobenzene	1.759	1.751	1.647	1.721	1.723	1.741	1.741	1.720	1.725	2.01
105) T 1,2,4,5-Tetramethylben...	2.544	2.952	3.172	3.417	3.586	3.572	3.652	3.590	3.311	11.90
106) T 1,2-Dibromo-3-chloropr...	0.101	0.089	0.090	0.105	0.098	0.103	0.103	0.103	0.099	6.25
107) T 1,3,5-Trichlorobenzene	1.535	1.582	1.466	1.498	1.531	1.485	1.517	1.498	1.514	2.37
108) T Hexachlorobutadiene	0.783	0.815	0.779	0.788	0.829	0.806	0.814	0.823	0.805	2.36
109) T 1,2,4-Trichlorobenzene	1.305	1.316	1.256	1.291	1.309	1.272	1.288	1.291	1.291	1.53
110) T Naphthalene	2.201	2.059	2.136	2.344	2.314	2.361	2.332	2.311	2.257	4.94
111) T 1,2,3-Trichlorobenzene	1.232	1.161	1.105	1.161	1.168	1.147	1.154	1.148	1.159	3.04



Initial Calibration Summary

Form 6

Client	: AEI Consultants	Lab Number	: L1723686
Project Name	: VAZQUEZ	Project Number	: 344060
Instrument ID	: VOA101	Ical Ref	: ICAL13786
Calibration dates	: 06/29/17 18:30 06/29/17 22:46		

Calibration Files

L11 =V01170629B02.D L1 =V01170629B04.D L2 =V01170629B06.D L3 =V01170629B07.D L4 =V01170629B08.D
 L6 =V01170629B09.D L8 =V01170629B10.D L10 =V01170629B11.D

Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
1) I Fluorobenzene	-----ISTD-----									
2) T Dichlorodifluo		0.149	0.171	0.170	0.156	0.181	0.176	0.180	0.169	7.22
3) T Chloromethane		0.271	0.289	0.262	0.240	0.269	0.268	0.276	0.268	5.51
4) C Vinyl chloride	0.219	0.221	0.252	0.245	0.234	0.268	0.261	0.266	0.246	7.89
5) T Bromomethane		0.059	0.063	0.063	0.069	0.092	0.099	0.107	*Q	0.9979
6) T Chloroethane		0.132	0.158	0.146	0.134	0.142	0.125		0.139	8.34
7) T Trichlorofluor		0.254	0.293	0.296	0.272	0.313	0.301	0.307	0.291	7.10
8) T Ethyl ether		0.063	0.075	0.082	0.077	0.085	0.084	0.085	0.079	9.99
10) C 1,1-Dichloroet		0.136	0.167	0.167	0.153	0.176	0.171	0.175	0.164	8.78
11) T Carbon disulfide		0.484	0.510	0.493	0.444	0.504	0.498	0.515	0.493	4.78
12) T Freon-113		0.130	0.152	0.157	0.145	0.165	0.159	0.162	0.153	7.85
13) T Iodomethane		0.043	0.074	0.126	0.157	0.204	0.198	0.203	*L	0.9941
14) T Acrolein			0.016	0.023	0.023	0.026	0.026	0.026	0.023	16.42
15) T Methylene chlo		0.195	0.195	0.190	0.175	0.193	0.189	0.193	0.190	3.63
16) T Isopropyl alcohol			0.009	0.008	0.005	0.006	0.007	0.007	0.007	19.17
17) T Acetone			0.031	0.030	0.026	0.030	0.030	0.030	0.029	5.43
18) T trans-1,2-Dich		0.177	0.201	0.196	0.181	0.205	0.200	0.204	0.195	5.72
19) T Methyl acetate			0.062	0.071	0.071	0.082	0.080	0.081	0.074	10.25
20) T Methyl tert butyl ether		0.353	0.379	0.400	0.375	0.415	0.406	0.410	0.391	5.78
21) T tert-Butyl alc			0.008	0.009	0.008	0.009	0.009	0.009	0.009	6.77
22) T Diisopropyl ether		0.769	0.850	0.851	0.802	0.871	0.837	0.825	0.829	4.16
23) T 1,1-Dichloroet		0.422	0.482	0.467	0.440	0.482	0.467	0.472	0.462	4.88
24) T Halothane		0.112	0.139	0.140	0.132	0.148	0.143	0.147	0.137	8.99
25) T Acrylonitrile			0.035	0.048	0.048	0.054	0.053	0.053	0.048	14.29
26) T Ethyl tert-but		0.553	0.611	0.642	0.615	0.661	0.644	0.642	0.624	5.77
27) T Vinyl acetate			0.205	0.379	0.387	0.432	0.423	0.422	*L	0.9996
28) T cis-1,2-Dichlo		0.191	0.219	0.216	0.209	0.225	0.220	0.221	0.214	5.45
29) T 2,2-Dichloropr		0.260	0.303	0.306	0.295	0.325	0.314	0.319	0.303	7.05
30) T Bromochloromet		0.067	0.078	0.084	0.081	0.085	0.079	0.076	0.079	7.67
31) T Cyclohexane		0.405	0.486	0.508	0.487	0.531	0.500	0.500	0.488	8.07
32) C Chloroform		0.314	0.375	0.362	0.353	0.371	0.361	0.361	0.357	5.62
33) T Ethyl acetate		0.074	0.106	0.125	0.122	0.132	0.129	0.127	0.116	17.55
34) T Carbon tetrach		0.221	0.257	0.277	0.273	0.305	0.292	0.296	0.274	10.36
35) T Tetrahydrofuran		0.035	0.043	0.048	0.045	0.046	0.044	0.044	0.044	9.42
36) S Dibromofluoromethane	0.230	0.231	0.229	0.230	0.232	0.233	0.235	0.232	0.232	0.94
37) T 1,1,1-Trichlor		0.276	0.325	0.332	0.321	0.346	0.332	0.333	0.324	6.95
38) T 2-Butanol			0.011	0.010	0.007	0.008	0.008	0.008	0.009	18.50
39) T 2-Butanone			0.056	0.057	0.054	0.051	0.051	0.050	0.053	5.87



Initial Calibration Summary Form 6

Client	: AEI Consultants	Lab Number	: L1723686
Project Name	: VAZQUEZ	Project Number	: 344060
Instrument ID	: VOA101	Ical Ref	: ICAL13786
Calibration dates	: 06/29/17 18:30 06/29/17 22:46		

Calibration Files

L11 =V01170629B02.D L1 =V01170629B04.D L2 =V01170629B06.D L3 =V01170629B07.D L4 =V01170629B08.D
 L6 =V01170629B09.D L8 =V01170629B10.D L10 =V01170629B11.D

Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
40) T 1,1-Dichloropr		0.248	0.305	0.317	0.308	0.331	0.318	0.320	0.307	8.85
41) T Benzene		0.814	0.887	0.884	0.857	0.902	0.870	0.873	0.870	3.25
42) T Tertiary-Amyl Methyl Ether		0.359	0.398	0.432	0.420	0.441	0.429	0.431	0.416	6.79
43) S 1,2-Dichloroethane-d4	0.269	0.269	0.270	0.264	0.267	0.268	0.270	0.270	0.268	0.77
44) T 1,2-Dichloroet		0.243	0.253	0.261	0.253	0.259	0.249	0.246	0.252	2.58
45) T Isobutyl alcohol			0.004	0.004	0.003	0.003	0.003	0.003	*L	0.9963
46) T 2-Methyl-2-but		0.006	0.011	0.010	0.007	0.008	0.008	0.008	*L	0.9966
47) T Methyl cyclohe		0.266	0.326	0.358	0.345	0.367	0.350	0.353	0.338	10.10
48) T Trichloroethene		0.194	0.229	0.227	0.217	0.229	0.221	0.221	0.219	5.58
49) T n-Butanol		0.018	0.023	0.025	0.024	0.026	0.024	0.024	0.023	11.28
50) T Dibromomethane		0.065	0.082	0.093	0.091	0.094	0.092	0.092	0.087	12.11
51) C 1,2-Dichloropr		0.219	0.264	0.275	0.265	0.276	0.266	0.265	0.261	7.35
52) T 4-penten-2-ol			0.002	0.006	0.005	0.006	0.007	0.007	*L	0.9922
53) T 2-Chloroethyl			0.025	0.045	0.046	0.052	0.052	0.054	*L	0.9990
54) T Bromodichlorom		0.205	0.239	0.266	0.258	0.276	0.267	0.269	0.254	9.71
57) T 1,4-Dioxane		0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	14.05
58) T cis-1,3-Dichlo		0.198	0.265	0.314	0.316	0.341	0.333	0.334	0.300	17.24
59) I Chlorobenzene-d5		-----ISTD-----								
60) S Toluene-d8	1.352	1.347	1.342	1.324	1.333	1.337	1.334	1.333	1.338	0.66
61) C Toluene		0.680	0.769	0.757	0.734	0.770	0.739	0.743	0.742	4.13
62) T 4-Methyl-2-pen			0.052	0.066	0.066	0.070	0.069	0.068	0.065	10.05
63) T Tetrachloroethene		0.224	0.300	0.300	0.287	0.307	0.292	0.295	0.286	9.86
65) T trans-1,3-Dich		0.165	0.252	0.327	0.338	0.370	0.360	0.364	*L	0.9995
66) T 4-Methyl-2-pen			0.035	0.037	0.026	0.031	0.034	0.034	0.033	10.94
67) T Ethyl methacry		0.083	0.168	0.222	0.238	0.261	0.255	0.258	*L	0.9993
68) T 1,1,2-Trichlor		0.120	0.148	0.158	0.156	0.161	0.153	0.153	0.150	9.25
69) T Chlorodibromom		0.140	0.174	0.203	0.207	0.222	0.215	0.217	0.197	15.12
70) T 1,3-Dichloropr		0.270	0.325	0.347	0.339	0.351	0.339	0.339	0.330	8.44
71) T 1,2-Dibromoethane		0.090	0.145	0.167	0.165	0.174	0.169	0.169	0.154	19.32
72) T 2-Hexanone			0.061	0.099	0.104	0.113	0.112	0.112	0.100	19.72
73) T Chlorobenzene		0.766	0.835	0.829	0.809	0.843	0.812	0.808	0.815	3.12
74) C Ethylbenzene		1.316	1.491	1.511	1.466	1.537	1.469	1.456	1.463	4.86
75) T 1,1,1,2-Tetrac		0.199	0.243	0.257	0.260	0.274	0.264	0.263	0.251	9.83
76) T p/m Xylene		0.487	0.582	0.596	0.577	0.598	0.569	0.557	0.567	6.67
77) T o Xylene		0.455	0.528	0.547	0.529	0.544	0.521	0.510	0.519	5.97
78) T Styrene		0.622	0.773	0.882	0.870	0.897	0.856	0.829	0.819	11.68
79) I 1,4-Dichlorobenzene-d4		-----ISTD-----								
80) T Bromoform		0.131	0.161	0.194	0.205	0.220	0.220	0.219	0.193	18.01



Initial Calibration Summary

Form 6

Client	: AEI Consultants	Lab Number	: L1723686
Project Name	: VAZQUEZ	Project Number	: 344060
Instrument ID	: VOA101	Ical Ref	: ICAL13786
Calibration dates	: 06/29/17 18:30 06/29/17 22:46		

Calibration Files

L11 =V01170629B02.D L1 =V01170629B04.D L2 =V01170629B06.D L3 =V01170629B07.D L4 =V01170629B08.D
 L6 =V01170629B09.D L8 =V01170629B10.D L10 =V01170629B11.D

Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
82) T Isopropylbenzene		2.791	3.199	3.058	3.062	3.197	3.113	3.069	3.070	4.46
83) S 4-Bromofluorobenzene	1.018	1.020	1.010	0.979	1.012	0.998	1.012	1.015	1.008	1.33
84) T Bromobenzene		0.518	0.569	0.560	0.558	0.578	0.568	0.566	0.560	3.50
85) T n-Propylbenzene		3.260	3.778	3.622	3.626	3.791	3.657	3.615	3.621	4.85
86) T 1,4-Dichlorobu		0.710	0.822	0.866	0.854	0.875	0.853	0.833	0.830	6.75
87) T 1,1,2,2-Tetrac		0.284	0.341	0.377	0.364	0.376	0.373	0.373	0.355	9.57
88) T 4-Ethyltoluene		2.573	2.946	2.855	2.872	2.987	2.894	2.884	2.859	4.69
89) T 2-Chlorotoluene		1.998	2.138	2.075	2.000	2.118	2.060	2.013	2.057	2.76
90) T 1,3,5-Trimethy		2.206	2.498	2.417	2.369	2.478	2.418	2.394	2.397	3.98
91) T 1,2,3-Trichlor		0.313	0.313	0.305	0.295	0.309	0.307	0.304	0.307	1.99
92) T trans-1,4-Dich			0.072	0.112	0.105	0.117	0.119	0.122	0.108	17.34
93) T 4-Chlorotoluene		1.939	2.092	2.103	2.070	2.160	2.115	2.101	2.083	3.33
94) T tert-Butylbenzene		1.862	2.095	2.061	2.025	2.140	2.075	2.071	2.047	4.34
97) T 1,2,4-Trimethy		2.115	2.416	2.414	2.362	2.477	2.423	2.416	2.375	5.02
98) T sec-Butylbenzene		2.683	3.010	2.965	2.904	3.056	2.968	2.963	2.935	4.11
99) T p-Isopropyltol		2.091	2.439	2.460	2.431	2.563	2.500	2.500	2.427	6.37
100) T 1,3-Dichlorobe		1.050	1.156	1.168	1.145	1.199	1.167	1.171	1.151	4.11
101) T 1,4-Dichlorobe		1.175	1.232	1.182	1.137	1.178	1.157	1.159	1.174	2.53
102) T p-Diethylbenzene		1.060	1.356	1.366	1.346	1.432	1.410	1.405	1.339	9.50
103) T n-Butylbenzene		1.784	2.144	2.143	2.102	2.241	2.195	2.177	2.112	7.17
104) T 1,2-Dichlorobe		0.891	0.947	0.988	0.945	0.982	0.963	0.968	0.955	3.40
105) T 1,2,4,5-Tetram		1.400	1.597	1.718	1.693	1.823	1.800	1.788	1.688	8.81
106) T 1,2-Dibromo-3-			0.022	0.033	0.033	0.038	0.039	0.040	0.034	18.99
107) T 1,3,5-Trichlor		0.473	0.561	0.568	0.549	0.590	0.579	0.574	0.556	7.02
108) T Hexachlorobuta		0.171	0.183	0.170	0.165	0.175	0.180	0.183	0.175	3.99
109) T 1,2,4-Trichlor		0.303	0.356	0.357	0.339	0.366	0.362	0.362	0.349	6.36
110) T Naphthalene		0.451	0.481	0.513	0.476	0.518	0.528	0.533	0.500	6.16
111) T 1,2,3-Trichlor		0.164	0.184	0.167	0.156	0.160	0.160	0.157	0.164	5.88



Response Factor Report VOA 101

Method Path : I:\VOLATILES\VOA101\2017\170629B\
 Method File : V101_170629B_8260.m
 Title : VOLATILES BY GC/MS
 Last Update : Fri Jun 30 16:37:53 2017
 Response Via : Initial Calibration

Calibration Files

L11 =V01170629B02.D L1 =V01170629B04.D L2 =V01170629B06.D L3 =V01170629B07.D L4 =V01170629B08.D
 L6 =V01170629B09.D L8 =V01170629B10.D L10 =V01170629B11.D

Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
1) I Fluorobenzene	0.149	0.171	0.170	0.156	0.181	0.176	0.180	0.169	7.22	
2) T Dichlorodifluo...	0.271	0.289	0.262	0.240	0.269	0.268	0.276	0.268	5.51	
3) T Chloromethane		0.219	0.252	0.234	0.268	0.261	0.266	0.246	7.89	
4) C Vinyl chloride	0.059	0.063	0.063	0.069	0.092	0.099	0.107	*Q	0.9979	
5) T Bromomethane	0.132	0.158	0.146	0.134	0.142	0.125		0.139	8.34	
6) T Chloroethane	0.254	0.293	0.296	0.272	0.313	0.301	0.307	0.291	7.10	
7) T Trichlorofluor...	0.063	0.075	0.082	0.077	0.085	0.084	0.085	0.079	9.99	
8) T Ethyl ether	0.136	0.167	0.167	0.153	0.176	0.171	0.175	0.164	8.78	
10) C 1,1-Dichloroet...	0.484	0.510	0.493	0.444	0.504	0.498	0.515	0.493	4.78	
11) T Carbon disulfide	0.130	0.152	0.157	0.145	0.165	0.159	0.162	0.153	7.85	
12) T Freon-113	0.043	0.074	0.126	0.157	0.204	0.198	0.203	*L	0.9941	
13) T Iodomethane		0.016	0.023	0.023	0.026	0.026	0.026	0.023	16.42	
14) T Acrolein	0.195	0.195	0.190	0.175	0.193	0.189	0.193	0.190	3.63	
15) T Methylene chlo...		0.009	0.008	0.005	0.006	0.007	0.007	0.007	19.17	
16) T Isopropyl alcohol		0.031	0.030	0.026	0.030	0.030	0.030	0.029	5.43	
17) T Acetone	0.177	0.201	0.196	0.181	0.205	0.200	0.204	0.195	5.72	
18) T trans-1,2-Dich...		0.062	0.071	0.071	0.082	0.080	0.081	0.074	10.25	
19) T Methyl acetate	0.353	0.379	0.400	0.375	0.415	0.406	0.410	0.391	5.78	
20) T Methyl tert-bu...		0.008	0.009	0.008	0.009	0.009	0.009	0.009	6.77	
21) T tert-Butyl alc...	0.769	0.850	0.851	0.802	0.871	0.837	0.825	0.829	4.16	
22) T Diisopropyl ether	0.422	0.482	0.467	0.440	0.482	0.467	0.472	0.462	4.88	
23) T 1,1-Dichloroet...	0.112	0.139	0.140	0.132	0.148	0.143	0.147	0.137	8.99	
24) T Halothane		0.035	0.048	0.048	0.054	0.053	0.053	0.048	14.29	
25) T Acrylonitrile	0.553	0.611	0.642	0.615	0.661	0.644	0.642	0.624	5.77	
26) T Ethyl tert-but...		0.205	0.379	0.387	0.432	0.423	0.422	*L	0.9996	
27) T Vinyl acetate	0.191	0.219	0.216	0.209	0.225	0.220	0.221	0.214	5.45	
28) T cis-1,2-Dichlo...	0.260	0.303	0.306	0.295	0.325	0.314	0.319	0.303	7.05	
29) T 2,2-Dichloropr...	0.067	0.078	0.084	0.081	0.085	0.079	0.076	0.079	7.67	
30) T Bromochloromet...	0.405	0.486	0.508	0.487	0.531	0.500	0.500	0.488	8.07	
31) T Cyclohexane	0.314	0.375	0.362	0.353	0.371	0.361	0.361	0.357	5.62	
32) C Chloroform										

Response Factor Report VOA 101

Method Path : I:\VOLATILES\VOA101\2017\170629B\
 Method File : V101_170629B_8260.m
 Title : VOLATILES BY GC/MS
 Last Update : Fri Jun 30 16:37:53 2017
 Response Via : Initial Calibration

Calibration Files

L11 =V01170629B02.D L1 =V01170629B04.D L2 =V01170629B06.D L3 =V01170629B07.D L4 =V01170629B08.D
 L6 =V01170629B09.D L8 =V01170629B10.D L10 =V01170629B11.D

Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
33) T Ethyl acetate	0.074	0.106	0.125	0.122	0.132	0.129	0.127	0.116	17.55	
34) T Carbon tetrach...	0.221	0.257	0.277	0.273	0.305	0.292	0.296	0.274	10.36	
35) T Tetrahydrofuran	0.035	0.043	0.048	0.045	0.046	0.044	0.044	0.044	9.42	
36) S Dibromofluorom...	0.230	0.231	0.229	0.230	0.232	0.235	0.232	0.232	0.94	
37) T 1,1,1-Trichlor...	0.276	0.325	0.332	0.321	0.346	0.332	0.333	0.324	6.95	
38) T 2-Butanol		0.011	0.010	0.007	0.008	0.008	0.008	0.009	18.50	
39) T 2-Butanone		0.056	0.057	0.054	0.051	0.051	0.050	0.053	5.87	
40) T 1,1-Dichloropr...	0.248	0.305	0.317	0.308	0.331	0.318	0.320	0.307	8.85	
41) T Benzene	0.814	0.887	0.884	0.857	0.902	0.870	0.873	0.870	3.25	
42) T tert-Amyl meth...	0.359	0.398	0.432	0.420	0.441	0.429	0.431	0.416	6.79	
43) S 1,2-Dichloroet...	0.269	0.270	0.264	0.267	0.268	0.270	0.270	0.268	0.77	
44) T 1,2-Dichloroet...	0.243	0.253	0.261	0.253	0.259	0.249	0.246	0.252	2.58	
45) T Isobutyl alcohol		0.004	0.004	0.003	0.003	0.003	0.003	*L	0.9963	
46) T 2-Methyl-2-but...	0.006	0.011	0.010	0.007	0.008	0.008	0.008	*L	0.9966	
47) T Methyl cyclohe...	0.266	0.326	0.358	0.345	0.367	0.350	0.353	0.338	10.10	
48) T Trichloroethene	0.194	0.229	0.227	0.217	0.229	0.221	0.221	0.219	5.58	
49) T n-Butanol	0.018	0.023	0.025	0.024	0.026	0.024	0.024	0.023	11.28	
50) T Dibromomethane	0.065	0.082	0.093	0.091	0.094	0.092	0.092	0.087	12.11	
51) C 1,2-Dichloropr...	0.219	0.264	0.275	0.265	0.276	0.266	0.265	0.261	7.35	
52) T 4-penten-2-ol		0.002	0.006	0.005	0.006	0.007	0.007	*L	0.9922	
53) T 2-Chloroethyl ...		0.025	0.045	0.046	0.052	0.052	0.054	*L	0.9990	
54) T Bromodichlorom...	0.205	0.239	0.266	0.258	0.276	0.267	0.269	0.254	9.71	
57) T 1,4-Dioxane	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	14.05	
58) T cis-1,3-Dichlo...	0.198	0.265	0.314	0.316	0.341	0.333	0.334	0.300	17.24	
-----ISTD-----										
59) I Chlorobenzene-d5	1.352	1.347	1.342	1.324	1.333	1.337	1.334	1.338	0.66	
60) S Toluene-d8	0.680	0.769	0.757	0.734	0.770	0.739	0.743	0.742	4.13	
61) C Toluene		0.052	0.066	0.066	0.070	0.069	0.068	0.065	10.05	
62) T 4-Methyl-2-pen...	0.224	0.300	0.300	0.287	0.307	0.292	0.295	0.286	9.86	
63) T Tetrachloroethene	0.165	0.252	0.327	0.338	0.370	0.360	0.364	*L	0.9995	
65) T trans-1,3-Dich...		0.035	0.037	0.026	0.031	0.034	0.034	0.033	10.94	
66) T 4-Methyl-2-pen...										

Response Factor Report VOA 101

Method Path : I:\VOLATILES\VOA101\2017\170629B\
 Method File : V101_170629B_8260.m
 Title : VOLATILES BY GC/MS
 Last Update : Fri Jun 30 16:37:53 2017
 Response Via : Initial Calibration

Calibration Files

L11 =V01170629B02.D L1 =V01170629B04.D L2 =V01170629B06.D L3 =V01170629B07.D L4 =V01170629B08.D
 L6 =V01170629B09.D L8 =V01170629B10.D L10 =V01170629B11.D

Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
67) T Ethyl methacry...	0.083	0.168	0.222	0.238	0.261	0.255	0.258	*L	0.9993	
68) T 1,1,2-Trichlor...	0.120	0.148	0.158	0.156	0.161	0.153	0.153	0.150	9.25	
69) T Chlorodibromom...	0.140	0.174	0.203	0.207	0.222	0.215	0.217	0.197	15.12	
70) T 1,3-Dichloropr...	0.270	0.325	0.347	0.339	0.351	0.339	0.339	0.330	8.44	
71) T 1,2-Dibromoethane	0.090	0.145	0.167	0.165	0.174	0.169	0.169	0.154	19.32	
72) T 2-Hexanone	0.061	0.099	0.104	0.113	0.112	0.112	0.112	0.100	19.72	
73) T Chlorobenzene	0.766	0.835	0.829	0.809	0.843	0.812	0.808	0.815	3.12	
74) C Ethylbenzene	1.316	1.491	1.511	1.466	1.537	1.469	1.456	1.463	4.86	
75) T 1,1,1,2-Tetrac...	0.199	0.243	0.257	0.260	0.274	0.264	0.263	0.251	9.83	
76) T p/m Xylene	0.487	0.582	0.596	0.577	0.598	0.569	0.557	0.567	6.67	
77) T o Xylene	0.455	0.528	0.547	0.529	0.544	0.521	0.510	0.519	5.97	
78) T Styrene	0.622	0.773	0.882	0.870	0.897	0.856	0.829	0.819	11.68	
-----ISTD-----										
79) I 1,4-Dichlorobenzene-d4	0.131	0.161	0.194	0.205	0.220	0.220	0.219	0.193	18.01	
80) T Bromoform	2.791	3.199	3.058	3.062	3.197	3.113	3.069	3.070	4.46	
82) T Isopropylbenzene	1.018	1.020	1.010	0.979	1.012	0.998	1.012	1.008	1.33	
83) S 4-Bromofluorob...	0.518	0.569	0.560	0.558	0.578	0.568	0.566	0.560	3.50	
84) T Bromobenzene	3.260	3.778	3.622	3.626	3.791	3.657	3.615	3.621	4.85	
85) T n-Propylbenzene	0.710	0.822	0.866	0.854	0.875	0.853	0.833	0.830	6.75	
86) T 1,4-Dichlorobu...	0.284	0.341	0.377	0.364	0.376	0.373	0.373	0.355	9.57	
87) T 1,1,2,2-Tetrac...	2.573	2.946	2.855	2.872	2.987	2.894	2.884	2.859	4.69	
88) T 4-Ethyltoluene	1.998	2.138	2.075	2.000	2.118	2.060	2.013	2.057	2.76	
89) T 2-Chlorotoluene	2.206	2.498	2.417	2.369	2.478	2.418	2.394	2.397	3.98	
90) T 1,3,5-Trimethy...	0.313	0.313	0.305	0.295	0.309	0.307	0.304	0.307	1.99	
91) T 1,2,3-Trichlor...	0.072	0.112	0.105	0.117	0.119	0.119	0.122	0.108	17.34	
92) T trans-1,4-Dich...	1.939	2.092	2.103	2.070	2.160	2.115	2.101	2.083	3.33	
93) T 4-Chlorotoluene	1.862	2.095	2.061	2.025	2.140	2.075	2.071	2.047	4.34	
94) T tert-Butylbenzene	2.115	2.416	2.414	2.362	2.477	2.423	2.416	2.375	5.02	
97) T 1,2,4-Trimethy...	2.683	3.010	2.965	2.904	3.056	2.968	2.963	2.935	4.11	
98) T sec-Butylbenzene	2.091	2.439	2.460	2.431	2.563	2.500	2.500	2.427	6.37	
99) T p-Isopropyltol...	1.050	1.156	1.168	1.145	1.199	1.167	1.171	1.151	4.11	
100) T 1,3-Dichlorobe...										

Response Factor Report VOA 101

Method Path : I:\VOLATILES\VOA101\2017\170629B\
 Method File : V101_170629B_8260.m
 Title : VOLATILES BY GC/MS
 Last Update : Fri Jun 30 16:37:53 2017
 Response Via : Initial Calibration

Calibration Files

L11 =V01170629B02.D L1 =V01170629B04.D L2 =V01170629B06.D L3 =V01170629B07.D L4 =V01170629B08.D
 L6 =V01170629B09.D L8 =V01170629B10.D L10 =V01170629B11.D

Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
101) T 1,4-Dichlorobe...	1.175	1.232	1.182	1.137	1.178	1.157	1.159	1.174	2.53	
102) T p-Diethylbenzene	1.060	1.356	1.366	1.346	1.432	1.410	1.405	1.339	9.50	
103) T n-Butylbenzene	1.784	2.144	2.143	2.102	2.241	2.195	2.177	2.112	7.17	
104) T 1,2-Dichlorobe...	0.891	0.947	0.988	0.945	0.982	0.963	0.968	0.955	3.40	
105) T 1,2,4,5-Tetram...	1.400	1.597	1.718	1.693	1.823	1.800	1.788	1.688	8.81	
106) T 1,2-Dibromo-3-...	0.022	0.033	0.033	0.033	0.038	0.039	0.040	0.034	18.99	
107) T 1,3,5-Trichloro...	0.473	0.561	0.568	0.549	0.590	0.579	0.574	0.556	7.02	
108) T Hexachlorobuta...	0.171	0.183	0.170	0.165	0.175	0.180	0.183	0.175	3.99	
109) T 1,2,4-Trichloro...	0.303	0.356	0.357	0.339	0.366	0.362	0.362	0.349	6.36	
110) T Naphthalene	0.451	0.481	0.513	0.476	0.518	0.528	0.533	0.500	6.16	
111) T 1,2,3-Trichloro...	0.164	0.184	0.167	0.156	0.160	0.160	0.157	0.164	5.88	

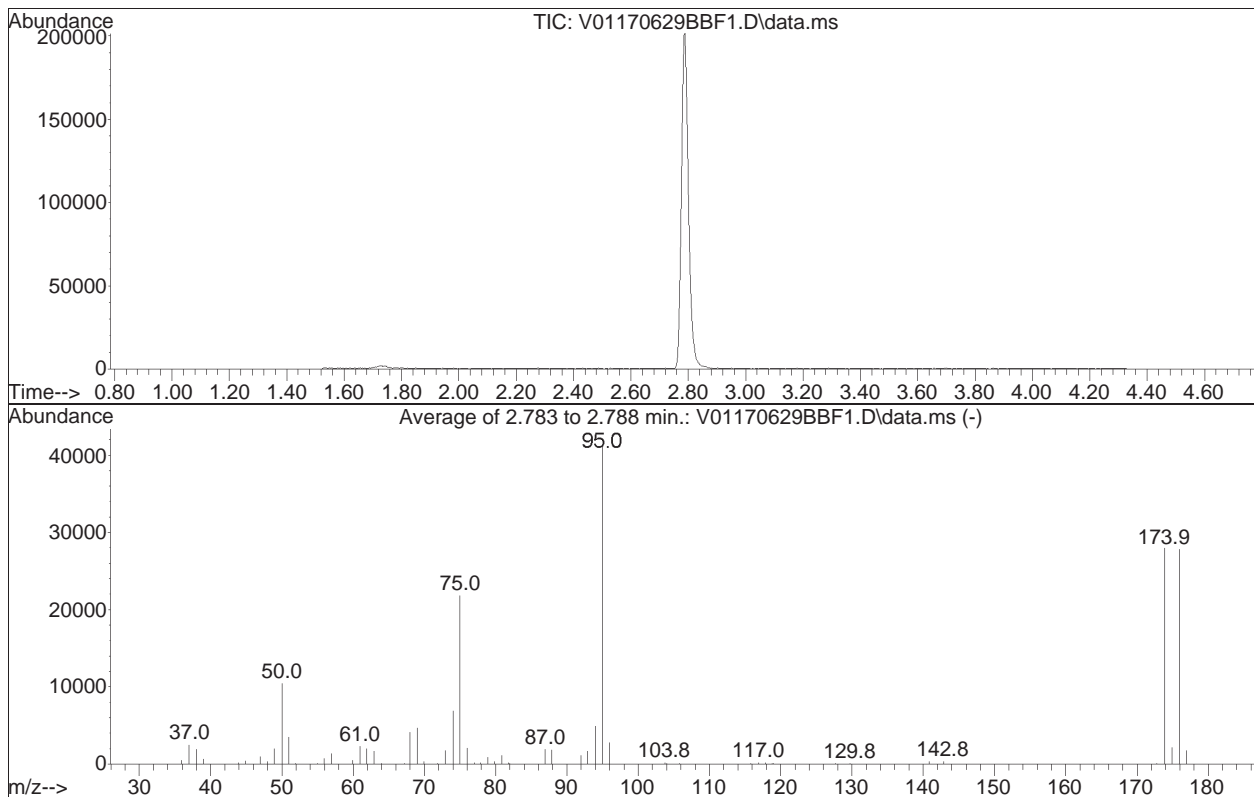
(#) = Out of Range

BFB

Data Path : I:\VOLATILES\VOA101\2017\170629B\
 Data File : V01170629BBF1.D
 Acq On : 29 Jun 2017 17:41
 Operator : VOA101:PK
 Sample : BFB TUNE
 Misc : WG1018945,ICAL
 ALS Vial : 1 Sample Multiplier: 1

Integration File: rteint.p

Method : I:\VOLATILES\VOA101\2017\170629B\V101_170629B_8260.m
 Title : VOLATILES BY GC/MS
 Last Update : Fri Jun 30 16:37:53 2017



AutoFind: Scans 436, 437, 438; Background Corrected with Scan 423

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	25.3	10449	PASS
75	95	30	60	52.7	21813	PASS
95	95	100	100	100.0	41371	PASS
96	95	5	9	6.7	2771	PASS
173	174	0.00	2	0.3	87	PASS
174	95	50	100	67.6	27949	PASS
175	174	5	9	7.7	2152	PASS
176	174	95	101	99.7	27856	PASS
177	176	5	9	6.3	1750	PASS

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2017\170629B\
 Data File : V01170629B02.D
 Acq On : 29 Jun 2017 18:30
 Operator : VOA101:PK
 Sample : I8260L11
 Misc : WG1018945,ICAL
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 30 15:13:20 2017
 Quant Method : I:\VOLATILES\VOA101\2017\170629B\V101_170629B_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Fri Jun 30 15:07:29 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2017\170629B\V01170629B07.D
 Sub List : 8260-VC - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Fluorobenzene	5.950	96	409409	10.000	ug/L	0.00
Standard Area 1 = 387479			Recovery = 105.66%			
59) Chlorobenzene-d5	9.764	117	294396	10.000	ug/L	0.00
Standard Area 1 = 289906			Recovery = 101.55%			
79) 1,4-Dichlorobenzene-d4	12.672	152	135161	10.000	ug/L	0.00
Standard Area 1 = 152823			Recovery = 88.44%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.099	113	94128	9.303	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 93.03%			
43) 1,2-Dichloroethane-d4	5.655	65	110171	10.069	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.69%			
60) Toluene-d8	7.762	98	397955	10.710	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 107.10%			
83) 4-Bromofluorobenzene	11.352	95	137590	11.410	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 114.10%			
Target Compounds						
4) Vinyl chloride	1.787	62	1797	0.278	ug/L #	41

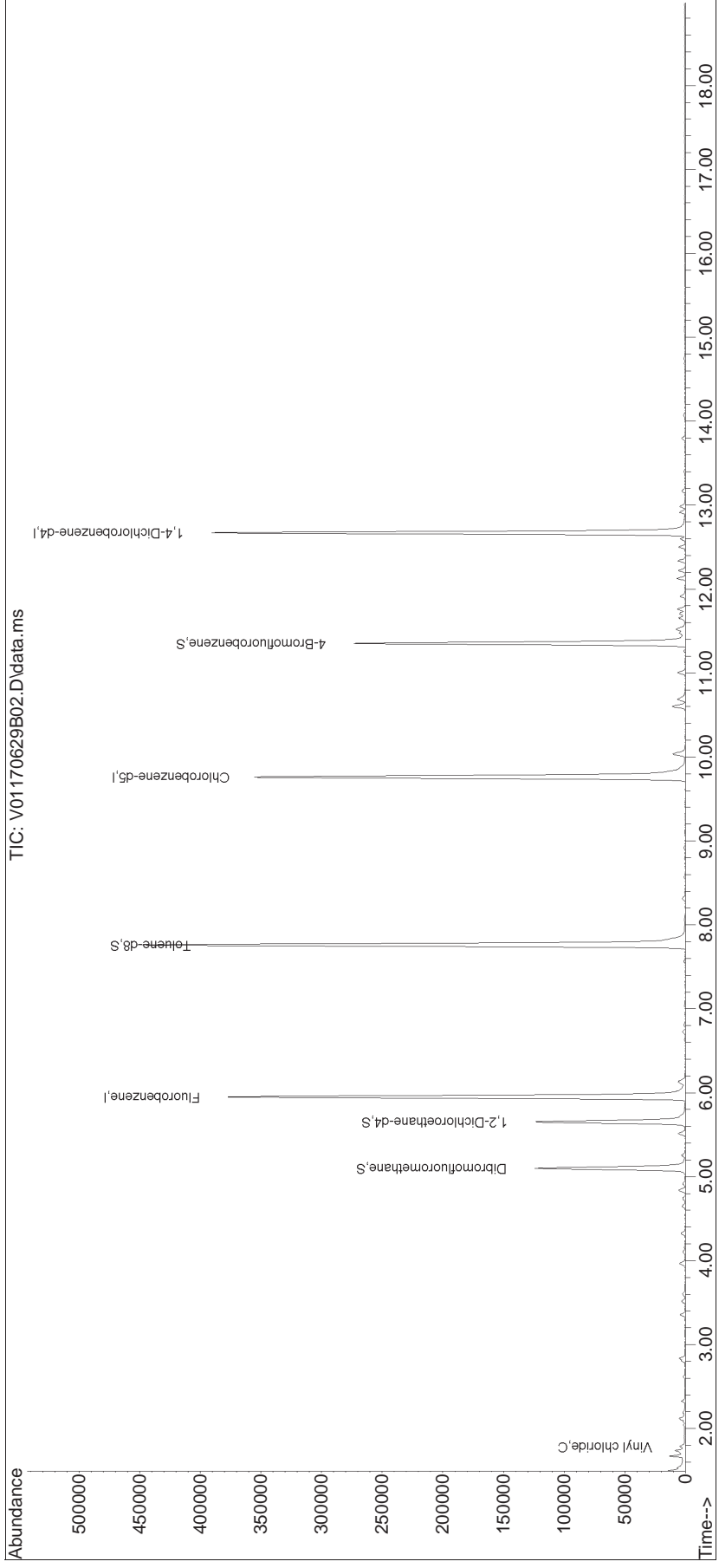
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2017\170629B\
Data File : V01170629B02.D
Acq On : 29 Jun 2017 18:30
Operator : VOA101:PK
Sample : I8260L11
Misc : WG1018945,ICAL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 30 15:13:20 2017
Quant Method : I:\VOLATILES\VOA101\2017\170629B\V101_170629B_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jun 30 15:07:29 2017
Response via : Initial Calibration

Sub List : 8260-VC - All compounds listed70629B\V01170629B07.D•



Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2017\1QMethod : V101_170629B_8260.m
Data File : V01170629B02.D Operator : VOA101:PK
Date Inj'd : 6/29/2017 18:30 Instrument : VOA 101
Sample : I8260L11 Quant Date : 6/30/2017 3:08 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2017\170629B\
 Data File : V01170629B04.D
 Acq On : 29 Jun 2017 19:26
 Operator : VOA101:PK
 Sample : I8260L1
 Misc : WG1018945,ICAL
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 30 16:19:59 2017
 Quant Method : I:\VOLATILES\VOA101\2017\170629B\V101_170629B_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Fri Jun 30 15:07:29 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2017\170629B\V01170629B07.D
 Sub List : 8260-CurveAlc - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	

Internal Standards							
1) Fluorobenzene	5.950	96	358669	10.000	ug/L	0.00	
Standard Area 1 = 387479			Recovery =	92.56%			
59) Chlorobenzene-d5	9.759	117	262183	10.000	ug/L	0.00	
Standard Area 1 = 289906			Recovery =	90.44%			
79) 1,4-Dichlorobenzene-d4	12.672	152	120762	10.000	ug/L	0.00	
Standard Area 1 = 152823			Recovery =	79.02%			
System Monitoring Compounds							
36) Dibromofluoromethane	5.099	113	82722	9.333	ug/L	0.00	
Spiked Amount 10.000	Range 70 - 130		Recovery =	93.33%			
43) 1,2-Dichloroethane-d4	5.655	65	96309	10.047	ug/L	0.00	
Spiked Amount 10.000	Range 70 - 130		Recovery =	100.47%			
60) Toluene-d8	7.762	98	353189	10.673	ug/L	0.00	
Spiked Amount 10.000	Range 70 - 130		Recovery =	106.73%			
83) 4-Bromofluorobenzene	11.352	95	123234	11.438	ug/L	0.00	
Spiked Amount 10.000	Range 70 - 130		Recovery =	114.38%			
Target Compounds							
							Qvalue
2) Dichlorodifluoromethane	1.536	85	2671	0.835	ug/L		96
3) Chloromethane	1.716	50	4853	0.875	ug/L		98
4) Vinyl chloride	1.787	62	3964	0.699	ug/L		98
5) Bromomethane	2.081	94	1053	0.459	ug/L		89
6) Chloroethane	2.191	64	2360	0.678	ug/L		91
7) Trichlorofluoromethane	2.327	101	4561	0.471	ug/L		97
8) Ethyl ether	2.616	74	1132	0.485	ug/L #		32
10) 1,1-Dichloroethene	2.807	96	2435	0.453	ug/L #		52
11) Carbon disulfide	2.834	76	8676	0.569	ug/L		96
12) Freon-113	2.840	101	2335	0.428	ug/L		91
13) Iodomethane	2.944	142	773	0.709	ug/L #		56
14) Acrolein	0.000		0	N.D.			
15) Methylene chloride	3.358	84	3501	0.588	ug/L #		69
16) Isopropyl alcohol	0.000		0	N.D. d			
17) Acetone	0.000		0	N.D. d			
18) trans-1,2-Dichloroethene	3.511	96	3182	0.484	ug/L #		72
19) Methyl acetate	0.000		0	N.D. d			
20) Methyl tert-butyl ether	3.598	73	6338	0.497	ug/L #		82
21) tert-Butyl alcohol	0.000		0	N.D. d			
22) Diisopropyl ether	3.964	45	13783	0.627	ug/L		90
23) 1,1-Dichloroethane	4.100	63	7572	0.567	ug/L		94

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2017\170629B\
 Data File : V01170629B04.D
 Acq On : 29 Jun 2017 19:26
 Operator : VOA101:PK
 Sample : I8260L1
 Misc : WG1018945,ICAL
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 30 16:19:59 2017
 Quant Method : I:\VOLATILES\VOA101\2017\170629B\V101_170629B_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Fri Jun 30 15:07:29 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2017\170629B\V01170629B07.D
 Sub List : 8260-CurveAlc - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
24) Halothane	4.155	117	2011	0.380	ug/L	99
25) Acrylonitrile	0.000		0	N.D.		
26) Ethyl tert-butyl ether	4.324	59	9911	0.516	ug/L #	62
27) Vinyl acetate	0.000		0	N.D.	d	
28) cis-1,2-Dichloroethene	4.646	96	3419	0.468	ug/L #	71
29) 2,2-Dichloropropane	4.739	77	4670	0.460	ug/L	84
30) Bromochloromethane	4.842	128	1205	0.409	ug/L #	58
31) Cyclohexane	4.831	56	7272	0.529	ug/L	72
32) Chloroform	4.919	83	5640	0.459	ug/L	96
33) Ethyl acetate	5.072	43	1328M1	0.394	ug/L	
34) Carbon tetrachloride	5.050	117	3959	0.385	ug/L	96
35) Tetrahydrofuran	5.072	42	629	0.531	ug/L #	45
37) 1,1,1-Trichloroethane	5.126	97	4942	0.413	ug/L	92
38) 2-Butanol	0.000		0	N.D.	d	
39) 2-Butanone	0.000		0	N.D.	d	
40) 1,1-Dichloropropene	5.257	75	4451	0.446	ug/L	97
41) Benzene	5.514	78	14602	0.544	ug/L #	92
42) tert-Amyl methyl ether	5.623	73	6447	0.456	ug/L #	87
44) 1,2-Dichloroethane	5.732	62	4361	0.525	ug/L #	91
45) Isobutyl alcohol	0.000		0	N.D.	d	
46) 2-Methyl-2-butanol	5.841	59	495	1.967	ug/L #	37
47) Methyl cyclohexane	6.125	83	4771	0.409	ug/L #	62
48) Trichloroethene	6.146	95	3471	0.452	ug/L	97
49) n-Butanol	6.119	56	1580	2.332	ug/L #	73
50) Dibromomethane	6.621	93	1166	0.372	ug/L	93
51) 1,2-Dichloropropane	6.719	63	3932	0.520	ug/L #	92
52) 4-penten-2-ol	0.000		0	N.D.		
53) 2-Chloroethyl vinyl ether	0.000		0	N.D.		
54) Bromodichloromethane	6.812	83	3681	0.406	ug/L #	94
57) 1,4-Dioxane	7.036	88	2055	69.237	ug/L #	54
58) cis-1,3-Dichloropropene	7.560	75	3546	0.355	ug/L	90
61) Toluene	7.827	92	8915	0.498	ug/L	99
62) 4-Methyl-2-pentanone	0.000		0	N.D.	d	
63) Tetrachloroethene	8.313	166	2937	0.359	ug/L	96
65) trans-1,3-Dichloropropene	8.384	75	2165	0.290	ug/L	89
66) 4-Methyl-2-pentanol	0.000		0	N.D.	d	
67) Ethyl methacrylate	8.575	69	1085	0.443	ug/L #	49
68) 1,1,2-Trichloroethane	8.569	83	1570	0.451	ug/L	91
69) Chlorodibromomethane	8.787	129	1829	0.342	ug/L #	75
70) 1,3-Dichloropropane	8.918	76	3536	0.470	ug/L	94

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2017\170629B\
 Data File : V01170629B04.D
 Acq On : 29 Jun 2017 19:26
 Operator : VOA101:PK
 Sample : I8260L1
 Misc : WG1018945,ICAL
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 30 16:19:59 2017
 Quant Method : I:\VOLATILES\VOA101\2017\170629B\V101_170629B_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Fri Jun 30 15:07:29 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2017\170629B\V01170629B07.D
 Sub List : 8260-CurveAlc - All compounds listed

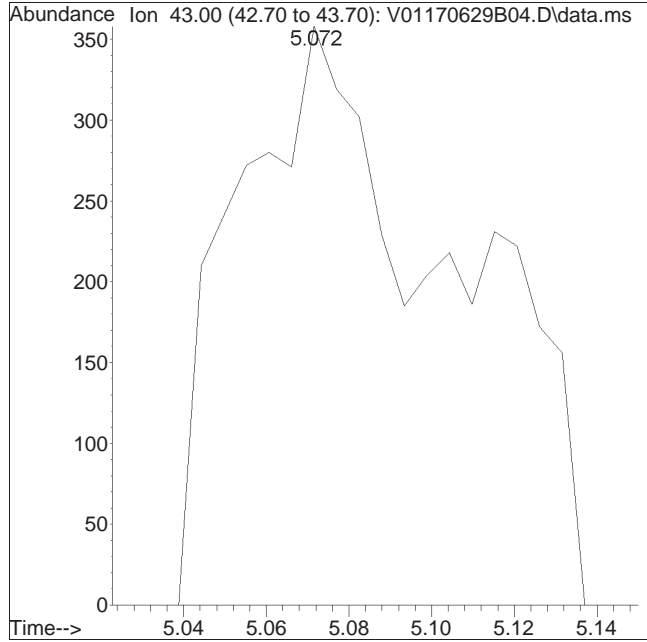
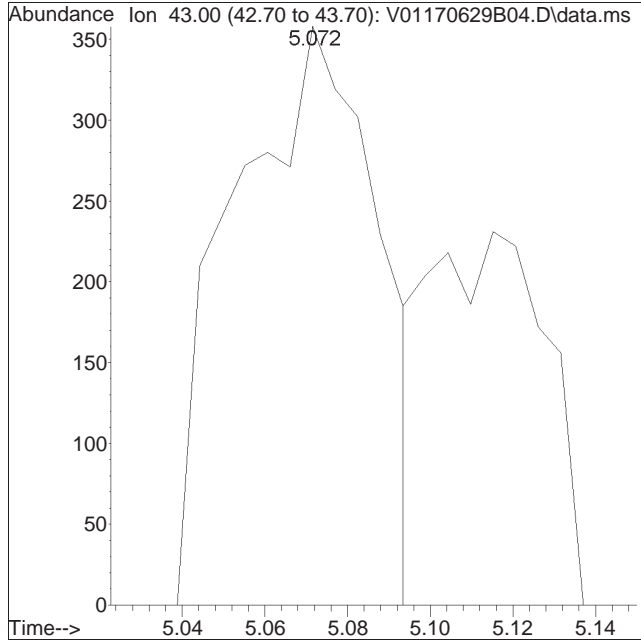
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
71) 1,2-Dibromoethane	9.115	107	1178	0.299	ug/L #	67
72) 2-Hexanone	0.000		0	N.D.		
73) Chlorobenzene	9.786	112	10043	0.482	ug/L #	81
74) Ethylbenzene	9.829	91	17246	0.485	ug/L	98
75) 1,1,1,2-Tetrachloroethane	9.879	131	2614	0.384	ug/L #	84
76) p/m Xylene	10.031	106	12781	0.920	ug/L	89
77) o Xylene	10.599	106	11936	0.914	ug/L	87
78) Styrene	10.686	104	16319	0.786	ug/L	94
80) Bromoform	10.708	173	788	0.312	ug/L #	58
82) Isopropylbenzene	11.003	105	16854	0.514	ug/L	97
84) Bromobenzene	11.477	156	3126	0.457	ug/L	97
85) n-Propylbenzene	11.521	91	19686	0.518	ug/L	98
86) 1,4-Dichlorobutane	11.548	55	4287	0.587	ug/L #	86
87) 1,1,2,2-Tetrachloroethane	11.614	83	1712	0.480	ug/L #	95
88) 4-Ethyltoluene	11.657	105	15536	0.493	ug/L	98
89) 2-Chlorotoluene	11.707	91	12062M1	0.580	ug/L	
90) 1,3,5-Trimethylbenzene	11.761	105	13322	0.518	ug/L	100
91) 1,2,3-Trichloropropane	11.767	75	1890	0.634	ug/L #	72
92) trans-1,4-Dichloro-2-b...	0.000		0	N.D.	d	
93) 4-Chlorotoluene	11.914	91	11705	0.529	ug/L	99
94) tert-Butylbenzene	12.127	119	11240	0.490	ug/L	92
97) 1,2,4-Trimethylbenzene	12.219	105	12772	0.504	ug/L	98
98) sec-Butylbenzene	12.334	105	16203	0.519	ug/L	98
99) p-Isopropyltoluene	12.503	119	12626	0.466	ug/L	94
100) 1,3-Dichlorobenzene	12.596	146	6341	0.472	ug/L	98
101) 1,4-Dichlorobenzene	12.694	146	7094M2	0.519	ug/L	
102) p-Diethylbenzene	12.918	119	6398	0.411	ug/L	98
103) n-Butylbenzene	12.983	91	10769	0.484	ug/L	98
104) 1,2-Dichlorobenzene	13.174	146	5380	0.482	ug/L	93
105) 1,2,4,5-Tetramethylben...	13.796	119	8454	0.423	ug/L	94
106) 1,2-Dibromo-3-chloropr...	0.000		0	N.D.		
107) 1,3,5-Trichlorobenzene	14.064	180	2855	0.375	ug/L	94
108) Hexachlorobutadiene	14.691	225	1030	0.411	ug/L	95
109) 1,2,4-Trichlorobenzene	14.746	180	1830	0.365	ug/L #	91
110) Naphthalene	15.084	128	2722	0.396	ug/L	100
111) 1,2,3-Trichlorobenzene	15.259	180	989	0.395	ug/L #	83

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

Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2017\1QMethod : V101_170629B_8260.m
Data File : V01170629B04.D Operator : VOA101:PK
Date Inj'd : 6/29/2017 19:26 Instrument : VOA 101
Sample : I8260L1 Quant Date : 6/30/2017 3:08 pm

Compound #33: Ethyl acetate



Original Peak Response = 873

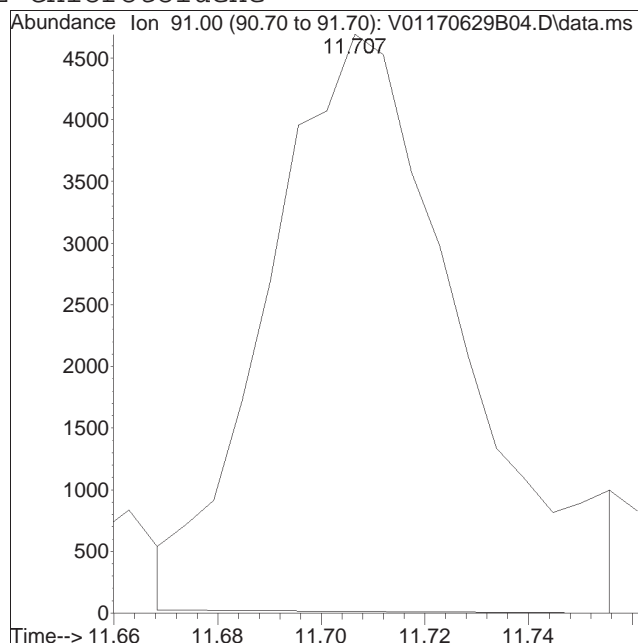
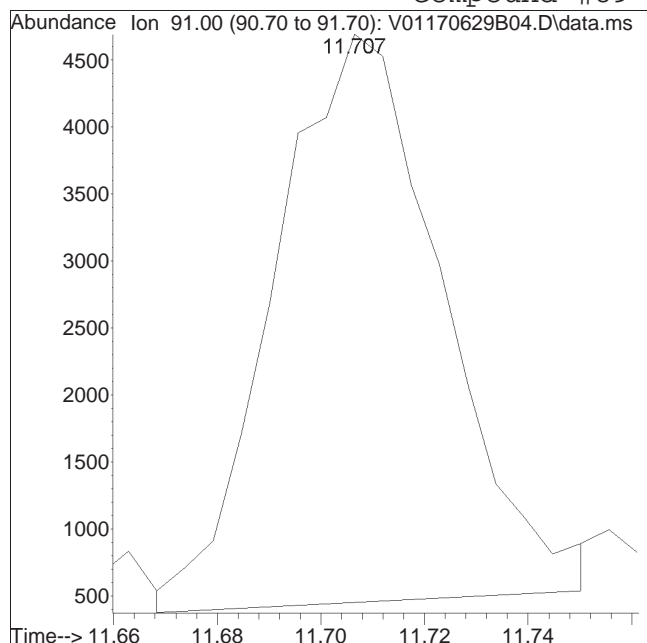
Manual Peak Response = 1328 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2017\1QMethod : V101_170629B_8260.m
Data File : V01170629B04.D Operator : VOA101:PK
Date Inj'd : 6/29/2017 19:26 Instrument : VOA 101
Sample : I8260L1 Quant Date : 6/30/2017 3:08 pm

Compound #89: 2-Chlorotoluene



Original Peak Response = 9548

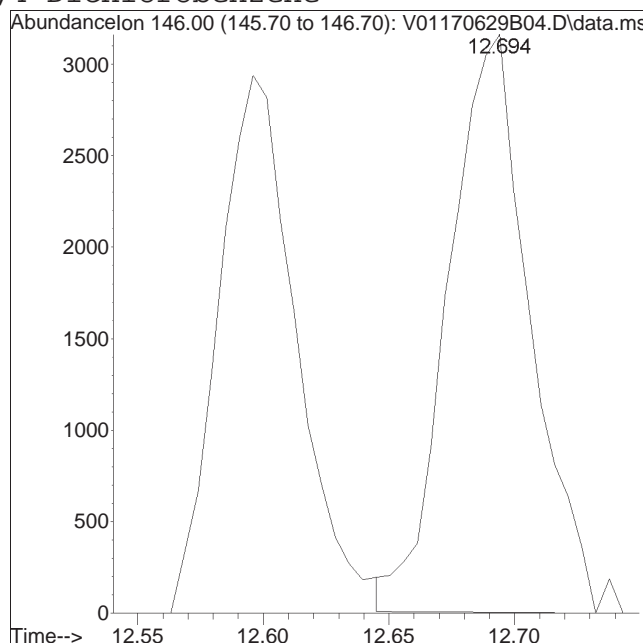
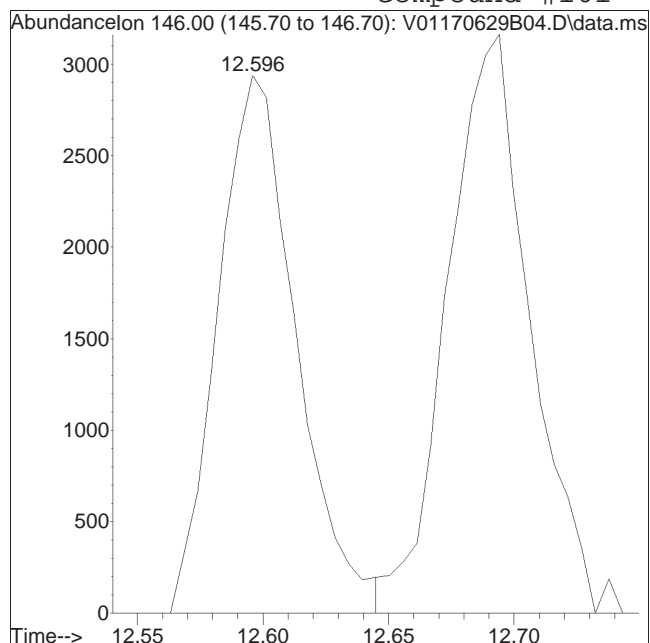
Manual Peak Response = 12062 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2017\1QMethod : V101_170629B_8260.m
Data File : V01170629B04.D Operator : VOA101:PK
Date Inj'd : 6/29/2017 19:26 Instrument : VOA 101
Sample : I8260L1 Quant Date : 6/30/2017 3:08 pm

Compound #101: 1,4-Dichlorobenzene



Original Peak Response = 6341

Manual Peak Response = 7094 M2

M2 = Peak not found by automatic integration algorithm.

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2017\170629B\
 Data File : V01170629B06.D
 Acq On : 29 Jun 2017 20:23
 Operator : VOA101:PK
 Sample : I8260L2
 Misc : WG1018945,ICAL
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 30 16:26:50 2017
 Quant Method : I:\VOLATILES\VOA101\2017\170629B\V101_170629B_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Fri Jun 30 15:07:29 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2017\170629B\V01170629B07.D
 Sub List : 8260-CurveAlc - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	

Internal Standards							
1) Fluorobenzene	5.950	96	361081	10.000	ug/L	0.00	
Standard Area 1 = 387479			Recovery =	93.19%			
59) Chlorobenzene-d5	9.764	117	263512	10.000	ug/L	0.00	
Standard Area 1 = 289906			Recovery =	90.90%			
79) 1,4-Dichlorobenzene-d4	12.672	152	126785	10.000	ug/L	0.00	
Standard Area 1 = 152823			Recovery =	82.96%			
System Monitoring Compounds							
36) Dibromofluoromethane	5.099	113	82529	9.249	ug/L	0.00	
Spiked Amount 10.000	Range 70 - 130		Recovery =	92.49%			
43) 1,2-Dichloroethane-d4	5.650	65	97578	10.112	ug/L	0.00	
Spiked Amount 10.000	Range 70 - 130		Recovery =	101.12%			
60) Toluene-d8	7.762	98	353520	10.629	ug/L	0.00	
Spiked Amount 10.000	Range 70 - 130		Recovery =	106.29%			
83) 4-Bromofluorobenzene	11.352	95	128028	11.319	ug/L	0.00	
Spiked Amount 10.000	Range 70 - 130		Recovery =	113.19%			
Target Compounds							
							Qvalue
2) Dichlorodifluoromethane	1.536	85	12365	3.841	ug/L		98
3) Chloromethane	1.716	50	20835	3.730	ug/L		98
4) Vinyl chloride	1.787	62	18177	3.185	ug/L		99
5) Bromomethane	2.082	94	4551	1.969	ug/L		100
6) Chloroethane	2.191	64	11401	3.252	ug/L		93
7) Trichlorofluoromethane	2.327	101	21154	2.171	ug/L		99
8) Ethyl ether	2.616	74	5421	2.305	ug/L #		52
10) 1,1-Dichloroethene	2.807	96	12069	2.229	ug/L #		59
11) Carbon disulfide	2.835	76	36798	2.397	ug/L		100
12) Freon-113	2.840	101	10948	1.993	ug/L		78
13) Iodomethane	2.938	142	5377	1.426	ug/L		93
14) Acrolein	3.140	56	1159	1.750	ug/L		90
15) Methylene chloride	3.358	84	14096	2.351	ug/L #		68
16) Isopropyl alcohol	3.282	45	3261	18.570	ug/L #		66
17) Acetone	3.407	43	2223	2.692	ug/L		93
18) trans-1,2-Dichloroethene	3.511	96	14521	2.195	ug/L #		71
19) Methyl acetate	3.527	43	4500	2.282	ug/L #		81
20) Methyl tert-butyl ether	3.598	73	27337	2.131	ug/L #		85
21) tert-Butyl alcohol	3.697	59	2955	11.603	ug/L		95
22) Diisopropyl ether	3.964	45	61384	2.775	ug/L		91
23) 1,1-Dichloroethane	4.100	63	34840	2.592	ug/L		95

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2017\170629B\
 Data File : V01170629B06.D
 Acq On : 29 Jun 2017 20:23
 Operator : VOA101:PK
 Sample : I8260L2
 Misc : WG1018945,ICAL
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 30 16:26:50 2017
 Quant Method : I:\VOLATILES\VOA101\2017\170629B\V101_170629B_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Fri Jun 30 15:07:29 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2017\170629B\V01170629B07.D
 Sub List : 8260-CurveAlc - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
24) Halothane	4.155	117	10033	1.886	ug/L	99
25) Acrylonitrile	4.177	53	2554	2.044	ug/L	90
26) Ethyl tert-butyl ether	4.324	59	44148	2.281	ug/L #	62
27) Vinyl acetate	4.362	43	14770	1.415	ug/L #	91
28) cis-1,2-Dichloroethene	4.641	96	15813	2.148	ug/L #	74
29) 2,2-Dichloropropane	4.739	77	21876	2.139	ug/L	90
30) Bromochloromethane	4.848	128	5655	1.908	ug/L #	70
31) Cyclohexane	4.842	56	35071	2.536	ug/L	72
32) Chloroform	4.919	83	27117	2.194	ug/L	98
33) Ethyl acetate	5.044	43	7653	2.258	ug/L #	85
34) Carbon tetrachloride	5.050	117	18582	1.795	ug/L	98
35) Tetrahydrofuran	5.077	42	3084	2.588	ug/L #	82
37) 1,1,1-Trichloroethane	5.121	97	23483	1.951	ug/L	92
38) 2-Butanol	5.099	45	4143M1	19.104	ug/L	
39) 2-Butanone	5.241	43	4070	3.117	ug/L #	69
40) 1,1-Dichloropropene	5.252	75	21993	2.189	ug/L	99
41) Benzene	5.508	78	64089	2.372	ug/L #	91
42) tert-Amyl methyl ether	5.617	73	28776	2.024	ug/L #	86
44) 1,2-Dichloroethane	5.726	62	18265	2.182	ug/L	97
45) Isobutyl alcohol	5.841	43	1466	17.742	ug/L #	81
46) 2-Methyl-2-butanol	5.846	59	3799	14.994	ug/L #	85
47) Methyl cyclohexane	6.125	83	23561	2.009	ug/L #	62
48) Trichloroethene	6.147	95	16512	2.136	ug/L	94
49) n-Butanol	6.119	56	8418	12.342	ug/L #	71
50) Dibromomethane	6.616	93	5897	1.867	ug/L	97
51) 1,2-Dichloropropane	6.719	63	19051	2.503	ug/L #	94
52) 4-penten-2-ol	6.763	45	572	10.601	ug/L #	1
53) 2-Chloroethyl vinyl ether	7.500	63	1831M1	1.397	ug/L	
54) Bromodichloromethane	6.807	83	17251	1.888	ug/L	99
57) 1,4-Dioxane	7.025	88	12381	414.352	ug/L #	78
58) cis-1,3-Dichloropropene	7.549	75	19133	1.902	ug/L	96
61) Toluene	7.822	92	40529	2.253	ug/L	98
62) 4-Methyl-2-pentanone	8.318	58	2756	2.022	ug/L #	92
63) Tetrachloroethene	8.307	166	15829	1.923	ug/L	95
65) trans-1,3-Dichloropropene	8.367	75	13300	1.771	ug/L	90
66) 4-Methyl-2-pentanol	8.444	45	9193	15.640	ug/L #	76
67) Ethyl methacrylate	8.569	69	8855	1.900	ug/L	90
68) 1,1,2-Trichloroethane	8.553	83	7799	2.229	ug/L	94
69) Chlorodibromomethane	8.782	129	9176	1.709	ug/L	94
70) 1,3-Dichloropropane	8.902	76	17119	2.266	ug/L	96

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2017\170629B\
 Data File : V01170629B06.D
 Acq On : 29 Jun 2017 20:23
 Operator : VOA101:PK
 Sample : I8260L2
 Misc : WG1018945,ICAL
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 30 16:26:50 2017
 Quant Method : I:\VOLATILES\VOA101\2017\170629B\V101_170629B_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Fri Jun 30 15:07:29 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2017\170629B\V01170629B07.D
 Sub List : 8260-CurveAlc - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
71) 1,2-Dibromoethane	9.088	107	7633	1.929	ug/L	100
72) 2-Hexanone	9.420	43	3239	1.614	ug/L #	38
73) Chlorobenzene	9.780	112	44030	2.104	ug/L	98
74) Ethylbenzene	9.824	91	78561	2.198	ug/L	98
75) 1,1,1,2-Tetrachloroethane	9.873	131	12828	1.873	ug/L	94
76) p/m Xylene	10.026	106	61343	4.394	ug/L	87
77) o Xylene	10.599	106	55654	4.241	ug/L	88
78) Styrene	10.670	104	81511	3.905	ug/L	98
80) Bromoform	10.703	173	4084	1.542	ug/L	97
82) Isopropylbenzene	10.997	105	81105	2.357	ug/L	99
84) Bromobenzene	11.483	156	14440	2.011	ug/L	99
85) n-Propylbenzene	11.516	91	95797	2.402	ug/L	97
86) 1,4-Dichlorobutane	11.543	55	20832	2.716	ug/L	91
87) 1,1,2,2-Tetrachloroethane	11.619	83	8650	2.310	ug/L	98
88) 4-Ethyltoluene	11.652	105	74707	2.258	ug/L	100
89) 2-Chlorotoluene	11.701	91	54213M1	2.483	ug/L	
90) 1,3,5-Trimethylbenzene	11.756	105	63350	2.346	ug/L	97
91) 1,2,3-Trichloropropane	11.772	75	7931M1	2.534	ug/L	
92) trans-1,4-Dichloro-2-b...	11.843	53	1823	1.803	ug/L #	11
93) 4-Chlorotoluene	11.903	91	53051	2.282	ug/L	93
94) tert-Butylbenzene	12.127	119	53135	2.205	ug/L	93
97) 1,2,4-Trimethylbenzene	12.214	105	61263	2.301	ug/L	97
98) sec-Butylbenzene	12.334	105	76323	2.328	ug/L	99
99) p-Isopropyltoluene	12.503	119	61857	2.172	ug/L	96
100) 1,3-Dichlorobenzene	12.591	146	29323	2.080	ug/L	97
101) 1,4-Dichlorobenzene	12.689	146	31229	2.176	ug/L	99
102) p-Diethylbenzene	12.912	119	34384	2.105	ug/L	95
103) n-Butylbenzene	12.978	91	54361	2.329	ug/L	98
104) 1,2-Dichlorobenzene	13.163	146	24005	2.047	ug/L	98
105) 1,2,4,5-Tetramethylben...	13.791	119	40488	1.928	ug/L	93
106) 1,2-Dibromo-3-chloropr...	14.042	155	564	1.226	ug/L	94
107) 1,3,5-Trichlorobenzene	14.058	180	14224	1.782	ug/L	95
108) Hexachlorobutadiene	14.691	225	4647	1.768	ug/L	96
109) 1,2,4-Trichlorobenzene	14.735	180	9021	1.714	ug/L	95
110) Naphthalene	15.073	128	12194	1.688	ug/L	100
111) 1,2,3-Trichlorobenzene	15.259	180	4669	1.777	ug/L	95

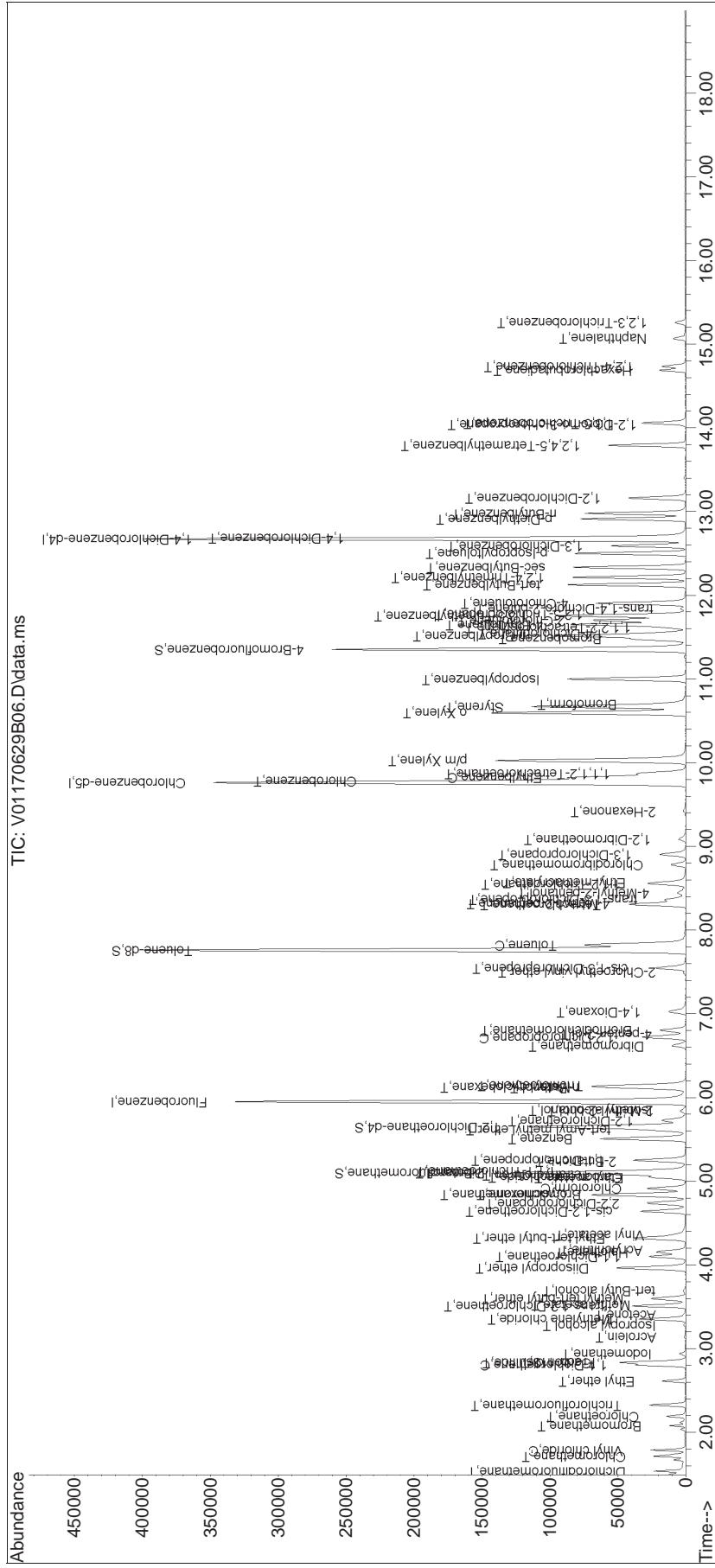
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2017\170629B\
 Data File : V01170629B06.D
 Acq On : 29 Jun 2017 20:23
 Operator : VOA101:PK
 Sample : I8260L2
 Misc : WG1018945,ICAL
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 30 16:26:50 2017
 Quant Method : I:\VOLATILES\VOA101\2017\170629B\VOA101_170629B_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Fri Jun 30 15:07:29 2017
 Response via : Initial Calibration

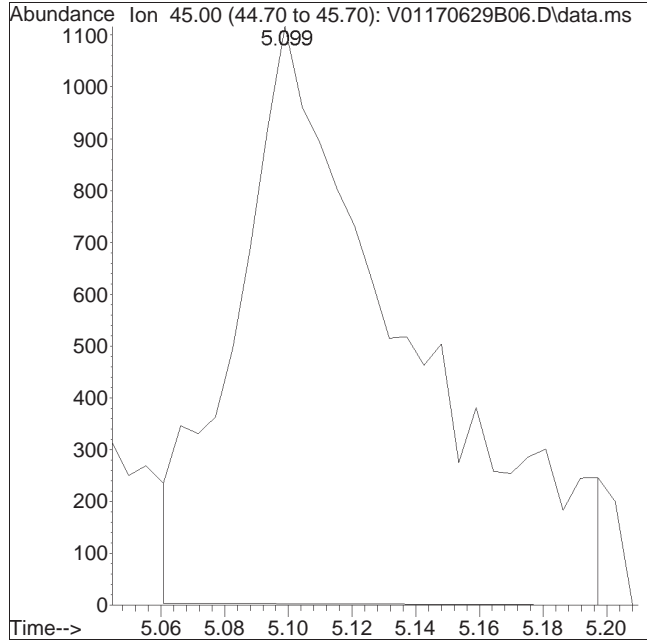
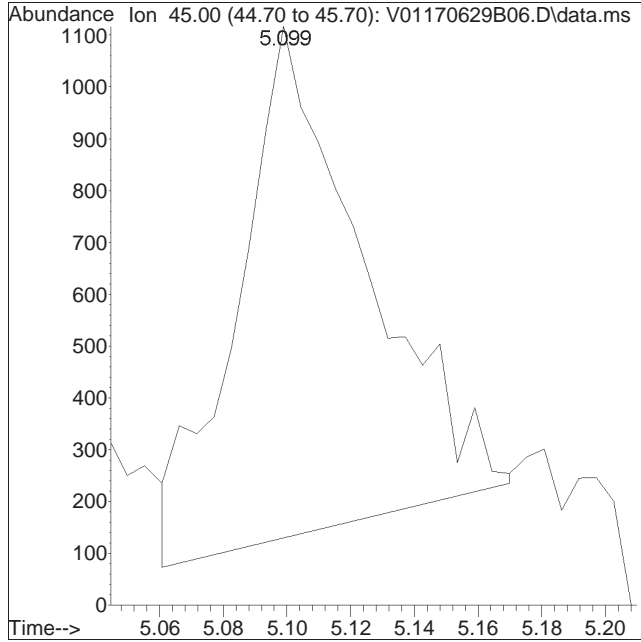
Sub List : 8260-CurveAlc - All compounds listed\V01170629B07.D•



Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2017\1QMethod : V101_170629B_8260.m
Data File : V01170629B06.D Operator : VOA101:PK
Date Inj'd : 6/29/2017 20:23 Instrument : VOA 101
Sample : I8260L2 Quant Date : 6/30/2017 3:08 pm

Compound #38: 2-Butanol



Original Peak Response = 2738

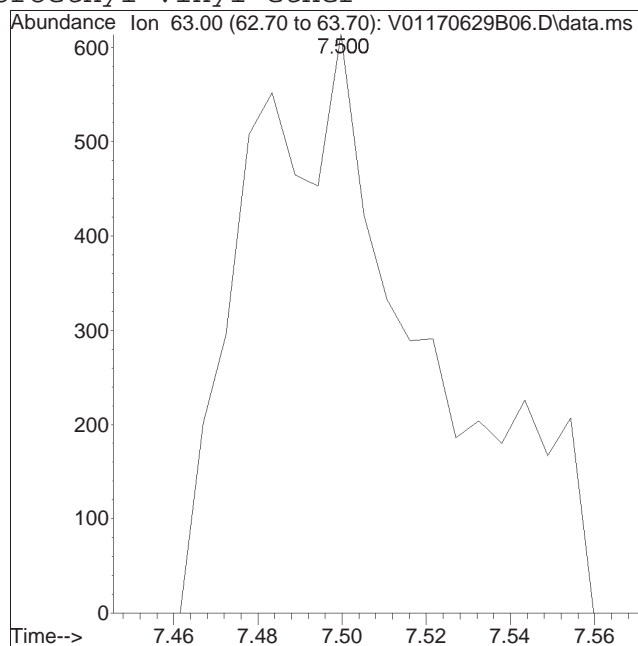
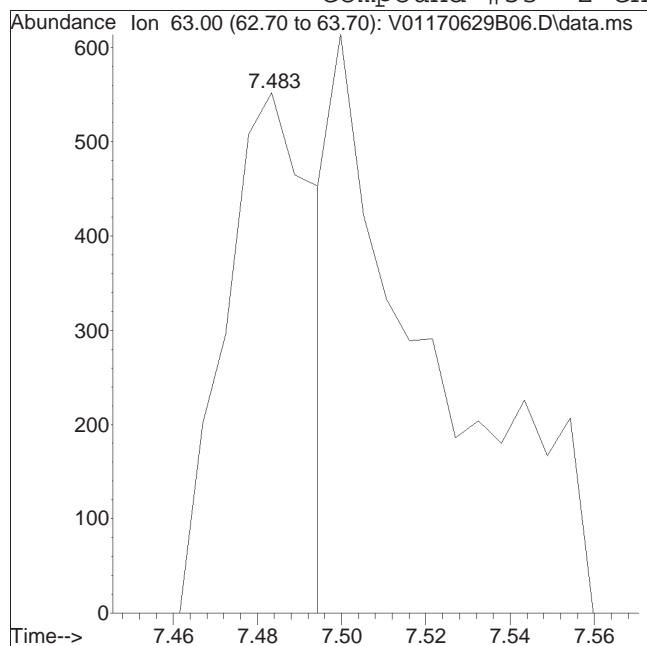
Manual Peak Response = 4143 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2017\1QMethod : V101_170629B_8260.m
Data File : V01170629B06.D Operator : VOA101:PK
Date Inj'd : 6/29/2017 20:23 Instrument : VOA 101
Sample : I8260L2 Quant Date : 6/30/2017 3:08 pm

Compound #53: 2-Chloroethyl vinyl ether



Original Peak Response = 810

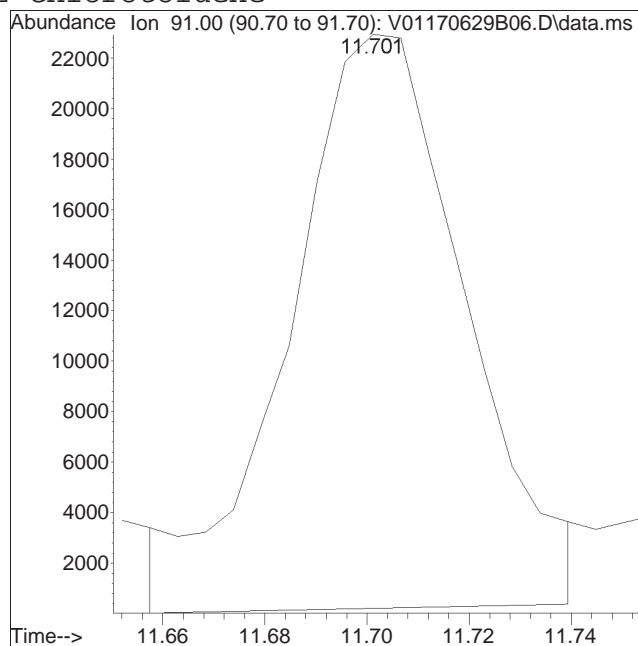
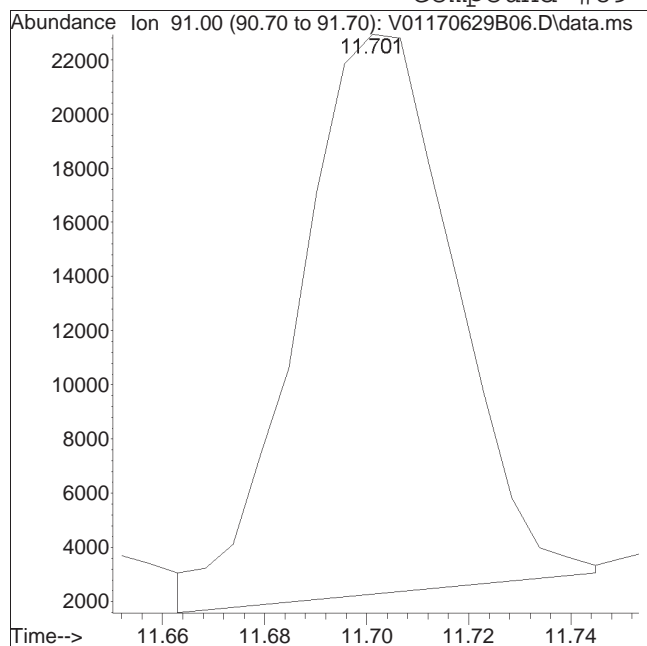
Manual Peak Response = 1831 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2017\1QMethod : V101_170629B_8260.m
Data File : V01170629B06.D Operator : VOA101:PK
Date Inj'd : 6/29/2017 20:23 Instrument : VOA 101
Sample : I8260L2 Quant Date : 6/30/2017 3:08 pm

Compound #89: 2-Chlorotoluene



Original Peak Response = 43874

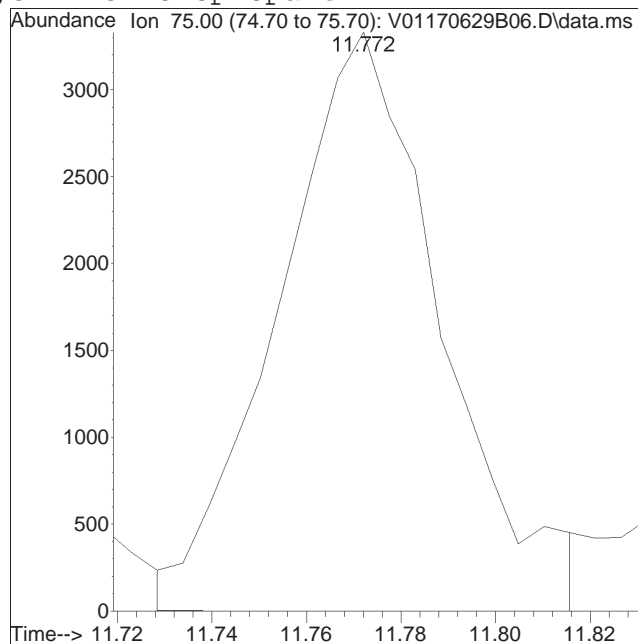
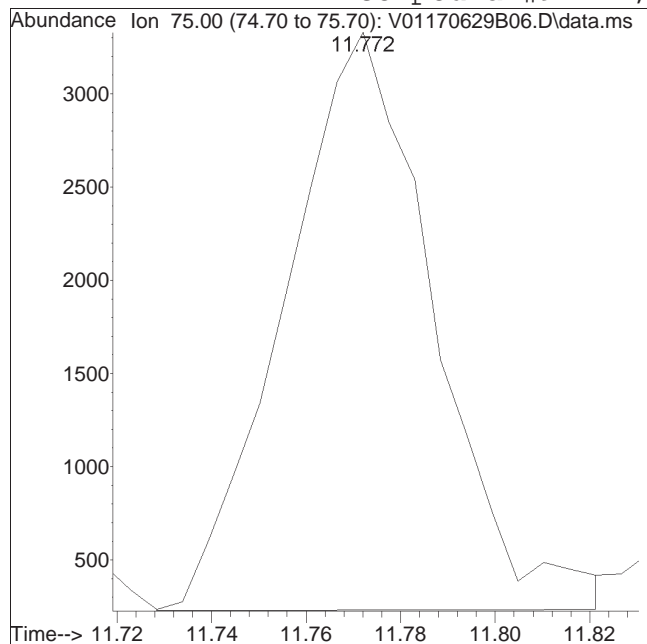
Manual Peak Response = 54213 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2017\1QMethod : V101_170629B_8260.m
Data File : V01170629B06.D Operator : VOA101:PK
Date Inj'd : 6/29/2017 20:23 Instrument : VOA 101
Sample : I8260L2 Quant Date : 6/30/2017 3:08 pm

Compound #91: 1,2,3-Trichloropropane



M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2017\170629B\
 Data File : V01170629B07.D
 Acq On : 29 Jun 2017 20:52
 Operator : VOA101:PK
 Sample : I8260L3
 Misc : WG1018945,ICAL
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 30 16:28:49 2017
 Quant Method : I:\VOLATILES\VOA101\2017\170629B\V101_170629B_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Fri Jun 09 17:46:40 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2017\170629B\V01170629B07.D
 Sub List : 8260-CurveAlc - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	

Internal Standards							
1) Fluorobenzene	5.950	96	387479	10.000	ug/L	0.00	
Standard Area 1 = 387479			Recovery = 100.00%				
59) Chlorobenzene-d5	9.759	117	289906	10.000	ug/L	0.00	
Standard Area 1 = 289906			Recovery = 100.00%				
79) 1,4-Dichlorobenzene-d4	12.672	152	152823	10.000	ug/L	0.00	
Standard Area 1 = 152823			Recovery = 100.00%				
System Monitoring Compounds							
36) Dibromofluoromethane	5.099	113	89166	9.207	ug/L	0.00	
Spiked Amount 10.000	Range 70 - 130		Recovery = 92.07%				
43) 1,2-Dichloroethane-d4	5.656	65	102380	9.854	ug/L	0.00	
Spiked Amount 10.000	Range 70 - 130		Recovery = 98.54%				
60) Toluene-d8	7.762	98	383876	10.542	ug/L	0.00	
Spiked Amount 10.000	Range 70 - 130		Recovery = 105.42%				
83) 4-Bromofluorobenzene	11.352	95	149651	11.157	ug/L	0.00	
Spiked Amount 10.000	Range 70 - 130		Recovery = 111.57%				
Target Compounds							
							Qvalue
2) Dichlorodifluoromethane	1.536	85	65872	22.321	ug/L		99
3) Chloromethane	1.716	50	101644	19.132	ug/L		99
4) Vinyl chloride	1.787	62	94920	16.725	ug/L		95
5) Bromomethane	2.082	94	24272	9.951	ug/L		99
6) Chloroethane	2.196	64	56454	16.143	ug/L		94
7) Trichlorofluoromethane	2.327	101	114859	11.074	ug/L		99
8) Ethyl ether	2.611	74	31635	13.096	ug/L #		62
10) 1,1-Dichloroethene	2.807	96	64607	11.278	ug/L #		63
11) Carbon disulfide	2.835	76	191164	11.784	ug/L		100
12) Freon-113	2.840	101	60990	10.343	ug/L #		70
13) Iodomethane	2.938	142	48733	7.638	ug/L		98
14) Acrolein	3.124	56	8826	13.105	ug/L		88
15) Methylene chloride	3.353	84	73487	11.667	ug/L #		69
16) Isopropyl alcohol	3.271	45	15014	91.874	ug/L #		81
17) Acetone	3.402	43	11482M1	13.110	ug/L		
18) trans-1,2-Dichloroethene	3.511	96	75894	10.745	ug/L #		70
19) Methyl acetate	3.517	43	27552	14.009	ug/L #		93
20) Methyl tert-butyl ether	3.598	73	155055	11.461	ug/L #		88
21) tert-Butyl alcohol	3.691	59	16734	64.052	ug/L		96
22) Diisopropyl ether	3.964	45	329706	14.741	ug/L		91
23) 1,1-Dichloroethane	4.100	63	180998	13.022	ug/L		96

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2017\170629B\
 Data File : V01170629B07.D
 Acq On : 29 Jun 2017 20:52
 Operator : VOA101:PK
 Sample : I8260L3
 Misc : WG1018945,ICAL
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 30 16:28:49 2017
 Quant Method : I:\VOLATILES\VOA101\2017\170629B\V101_170629B_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Fri Jun 09 17:46:40 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2017\170629B\V01170629B07.D
 Sub List : 8260-CurveAlc - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
24) Halothane	4.155	117	54130	9.348	ug/L	99
25) Acrylonitrile	4.160	53	18523	14.839	ug/L	91
26) Ethyl tert-butyl ether	4.319	59	248886	12.322	ug/L	91
27) Vinyl acetate	4.346	43	146677	14.028	ug/L #	94
28) cis-1,2-Dichloroethene	4.635	96	83842	10.673	ug/L #	74
29) 2,2-Dichloropropane	4.739	77	118657	10.874	ug/L	94
30) Bromochloromethane	4.837	128	32736	10.209	ug/L #	74
31) Cyclohexane	4.837	56	196763	13.885	ug/L	72
32) Chloroform	4.913	83	140172	10.628	ug/L	99
33) Ethyl acetate	5.034	43	48276	14.194	ug/L #	92
34) Carbon tetrachloride	5.050	117	107307	9.565	ug/L	98
35) Tetrahydrofuran	5.072	42	18517	15.784	ug/L #	88
37) 1,1,1-Trichloroethane	5.121	97	128639	9.885	ug/L	94
38) 2-Butanol	5.094	45	19826M1	96.766	ug/L	
39) 2-Butanone	5.224	43	22258M1	16.686	ug/L	
40) 1,1-Dichloropropene	5.252	75	122886	11.624	ug/L	99
41) Benzene	5.508	78	342446	12.128	ug/L #	90
42) tert-Amyl methyl ether	5.617	73	167269	11.095	ug/L #	87
44) 1,2-Dichloroethane	5.726	62	101116	11.426	ug/L	96
45) Isobutyl alcohol	5.841	43	7361	94.228	ug/L #	95
46) 2-Methyl-2-butanol	5.836	59	19547	79.565	ug/L #	85
47) Methyl cyclohexane	6.125	83	138866	11.150	ug/L #	64
48) Trichloroethene	6.141	95	87779	10.638	ug/L	95
49) n-Butanol	6.125	56	48522	69.031	ug/L #	73
50) Dibromomethane	6.616	93	36048	10.646	ug/L	97
51) 1,2-Dichloropropane	6.720	63	106419	13.634	ug/L #	93
52) 4-penten-2-ol	6.709	45	10989M1	76.345	ug/L	
53) 2-Chloroethyl vinyl ether	7.473	63	17393	13.159	ug/L	88
54) Bromodichloromethane	6.801	83	102997	10.560	ug/L	99
57) 1,4-Dioxane	7.025	88	17386	540.765	ug/L #	76
58) cis-1,3-Dichloropropene	7.543	75	121751	11.462	ug/L	96
61) Toluene	7.827	92	219367	11.242	ug/L	98
62) 4-Methyl-2-pentanone	8.302	58	18995	13.317	ug/L #	92
63) Tetrachloroethene	8.307	166	86903	9.482	ug/L	96
65) trans-1,3-Dichloropropene	8.356	75	94731	11.676	ug/L	97
66) 4-Methyl-2-pentanol	8.433	45	53029	94.221	ug/L #	94
67) Ethyl methacrylate	8.553	69	64307	11.300	ug/L	98
68) 1,1,2-Trichloroethane	8.553	83	45839	12.191	ug/L	96
69) Chlorodibromomethane	8.782	129	58803	9.902	ug/L	95
70) 1,3-Dichloropropane	8.902	76	100637	12.475	ug/L	100

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2017\170629B\
 Data File : V01170629B07.D
 Acq On : 29 Jun 2017 20:52
 Operator : VOA101:PK
 Sample : I8260L3
 Misc : WG1018945,ICAL
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 30 16:28:49 2017
 Quant Method : I:\VOLATILES\VOA101\2017\170629B\V101_170629B_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Fri Jun 09 17:46:40 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2017\170629B\V01170629B07.D
 Sub List : 8260-CurveAlc - All compounds listed

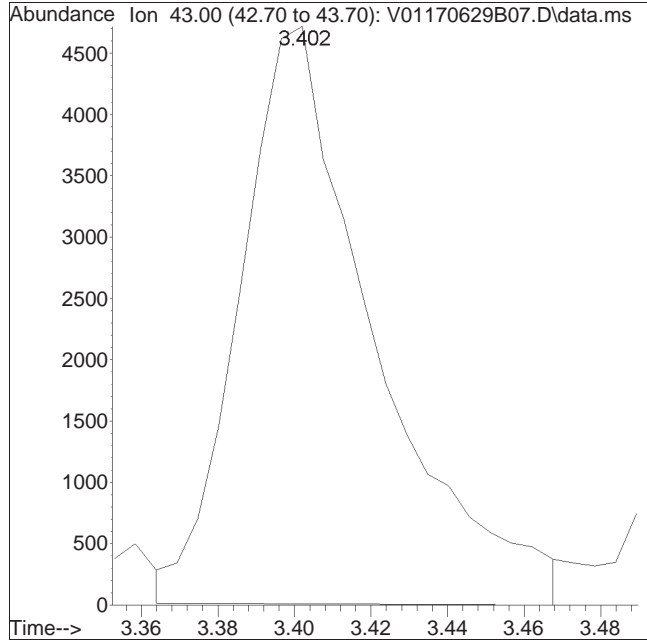
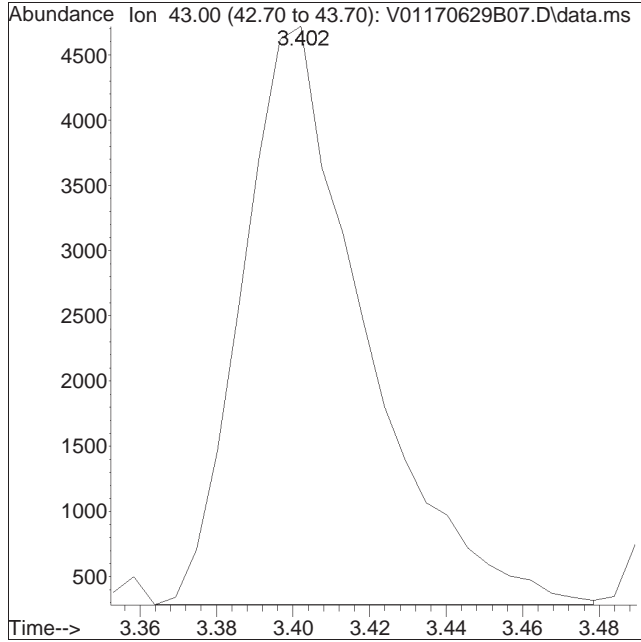
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
71) 1,2-Dibromoethane	9.077	107	48489	11.248	ug/L	100
72) 2-Hexanone	9.404	43	28624	13.843	ug/L	94
73) Chlorobenzene	9.786	112	240371	10.482	ug/L	99
74) Ethylbenzene	9.819	91	438165	11.299	ug/L	97
75) 1,1,1,2-Tetrachloroethane	9.873	131	74488	9.805	ug/L	99
76) p/m Xylene	10.021	106	345636	22.822	ug/L	87
77) o Xylene	10.594	106	317440	22.214	ug/L	88
78) Styrene	10.664	104	511264	22.493	ug/L	96
80) Bromoform	10.703	173	29695	9.225	ug/L	100
82) Isopropylbenzene	10.997	105	467279	11.469	ug/L	100
84) Bromobenzene	11.477	156	85650	9.847	ug/L	99
85) n-Propylbenzene	11.516	91	553596	11.753	ug/L	96
86) 1,4-Dichlorobutane	11.537	55	132278	15.289	ug/L	91
87) 1,1,2,2-Tetrachloroethane	11.614	83	57541	13.280	ug/L	99
88) 4-Ethyltoluene	11.647	105	436324	11.071	ug/L	100
89) 2-Chlorotoluene	11.701	91	317163M1	12.300	ug/L	
90) 1,3,5-Trimethylbenzene	11.756	105	369351	11.565	ug/L	96
91) 1,2,3-Trichloropropane	11.767	75	46590	12.870	ug/L	96
92) trans-1,4-Dichloro-2-b...	11.821	53	17175M1	14.608	ug/L	
93) 4-Chlorotoluene	11.898	91	321331	11.745	ug/L	94
94) tert-Butylbenzene	12.127	119	314955	10.938	ug/L	92
97) 1,2,4-Trimethylbenzene	12.214	105	368981	11.733	ug/L	97
98) sec-Butylbenzene	12.334	105	453046	11.689	ug/L	98
99) p-Isopropyltoluene	12.498	119	375993	11.083	ug/L	95
100) 1,3-Dichlorobenzene	12.585	146	178433	10.562	ug/L	99
101) 1,4-Dichlorobenzene	12.689	146	180618	10.510	ug/L	98
102) p-Diethylbenzene	12.913	119	208743	10.657	ug/L	98
103) n-Butylbenzene	12.978	91	327573	11.932	ug/L	98
104) 1,2-Dichlorobenzene	13.158	146	151043	10.724	ug/L	99
105) 1,2,4,5-Tetramethylben...	13.791	119	262575	10.399	ug/L	94
106) 1,2-Dibromo-3-chloropr...	14.031	155	5109	9.231	ug/L	93
107) 1,3,5-Trichlorobenzene	14.058	180	86789	8.828	ug/L	96
108) Hexachlorobutadiene	14.691	225	25969	7.968	ug/L	98
109) 1,2,4-Trichlorobenzene	14.729	180	54570	8.419	ug/L	100
110) Naphthalene	15.057	128	78409	8.844	ug/L	100
111) 1,2,3-Trichlorobenzene	15.259	180	25491	7.727	ug/L	97

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

Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2017\1QMethod : V101_170629B_8260.m
Data File : V01170629B07.D Operator : VOA101:PK
Date Inj'd : 6/29/2017 20:52 Instrument : VOA 101
Sample : I8260L3 Quant Date : 6/30/2017 3:02 pm

Compound #17: Acetone



Original Peak Response = 9786

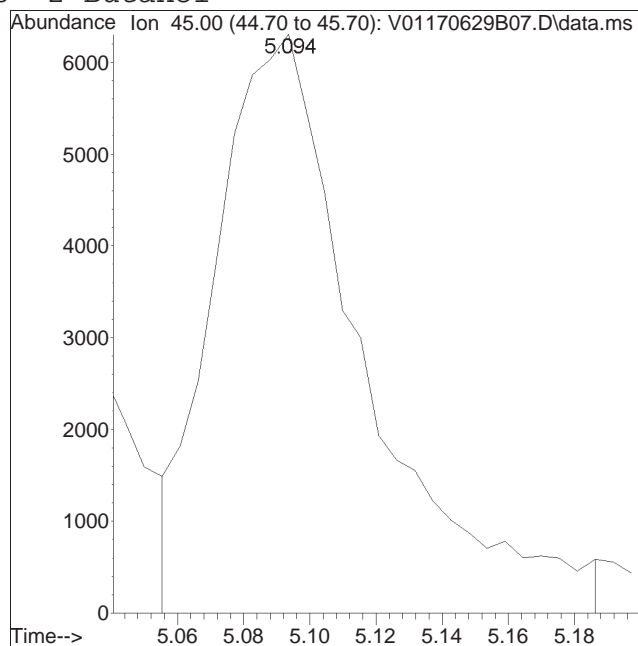
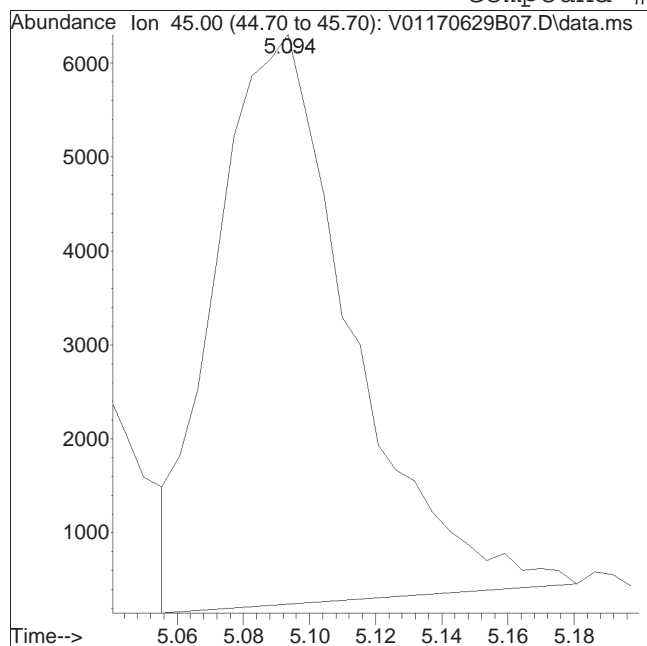
Manual Peak Response = 11482 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2017\1QMethod : V101_170629B_8260.m
Data File : V01170629B07.D Operator : VOA101:PK
Date Inj'd : 6/29/2017 20:52 Instrument : VOA 101
Sample : I8260L3 Quant Date : 6/30/2017 3:02 pm

Compound #38: 2-Butanol



Original Peak Response = 17353

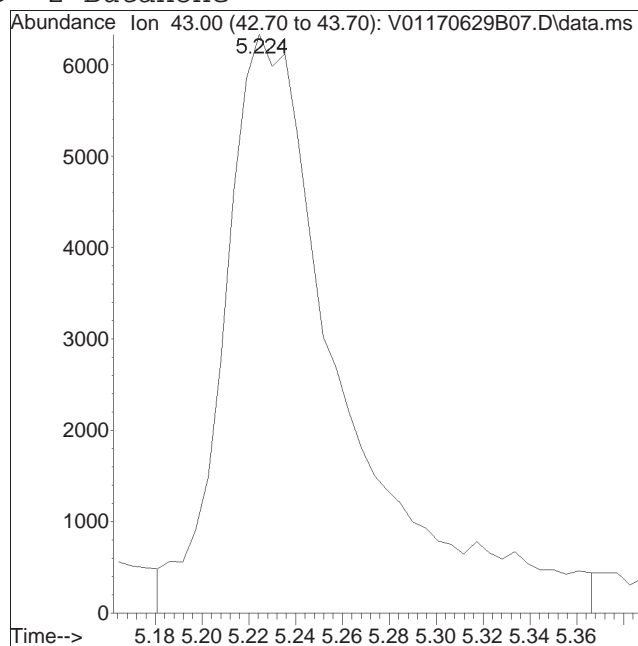
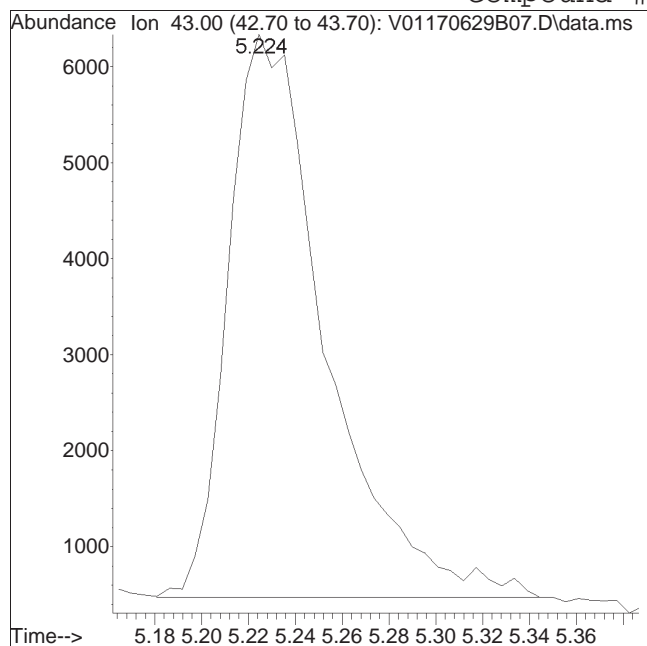
Manual Peak Response = 19826 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2017\1QMethod : V101_170629B_8260.m
Data File : V01170629B07.D Operator : VOA101:PK
Date Inj'd : 6/29/2017 20:52 Instrument : VOA 101
Sample : I8260L3 Quant Date : 6/30/2017 3:02 pm

Compound #39: 2-Butanone



Original Peak Response = 17022

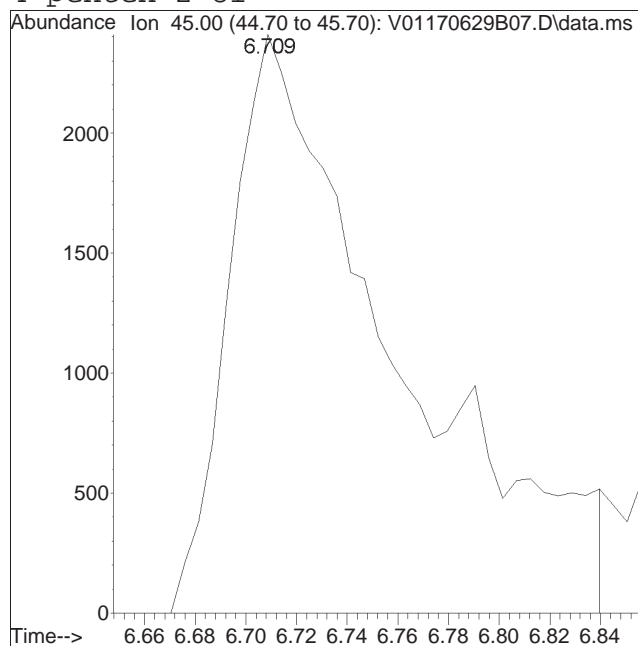
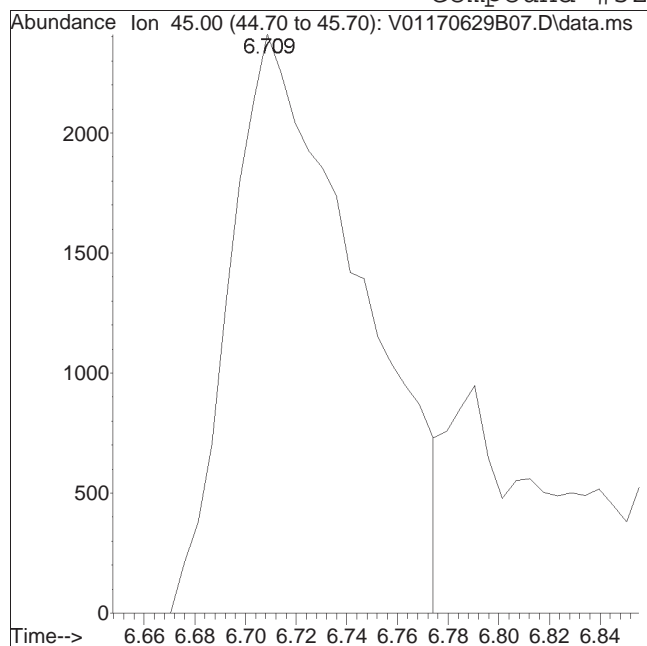
Manual Peak Response = 22258 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2017\1QMethod : V101_170629B_8260.m
Data File : V01170629B07.D Operator : VOA101:PK
Date Inj'd : 6/29/2017 20:52 Instrument : VOA 101
Sample : I8260L3 Quant Date : 6/30/2017 3:02 pm

Compound #52: 4-penten-2-ol



Original Peak Response = 8601

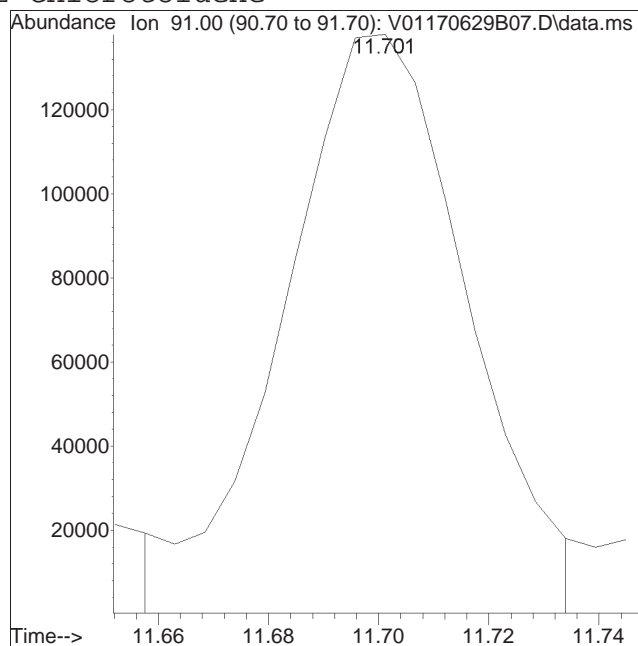
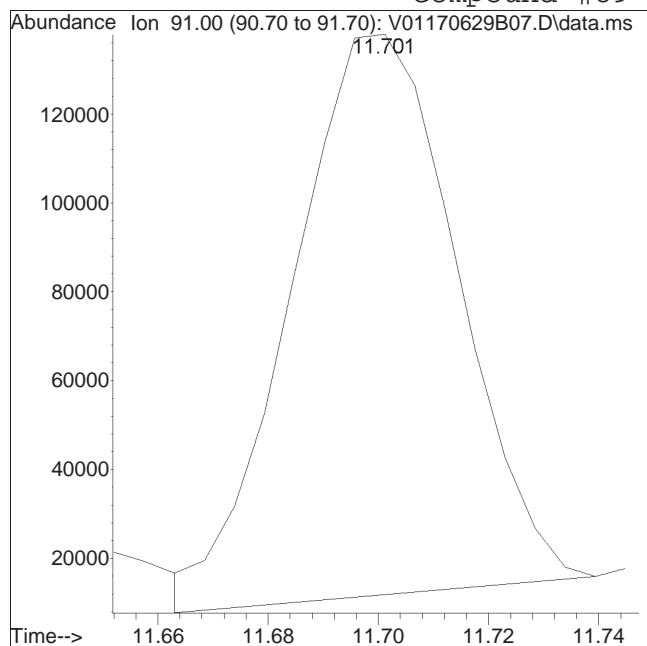
Manual Peak Response = 10989 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2017\1QMethod : V101_170629B_8260.m
Data File : V01170629B07.D Operator : VOA101:PK
Date Inj'd : 6/29/2017 20:52 Instrument : VOA 101
Sample : I8260L3 Quant Date : 6/30/2017 3:02 pm

Compound #89: 2-Chlorotoluene



Original Peak Response = 263990

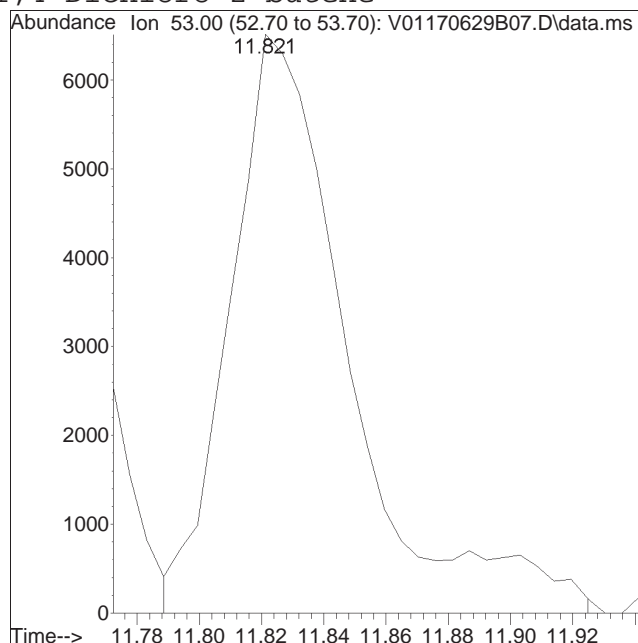
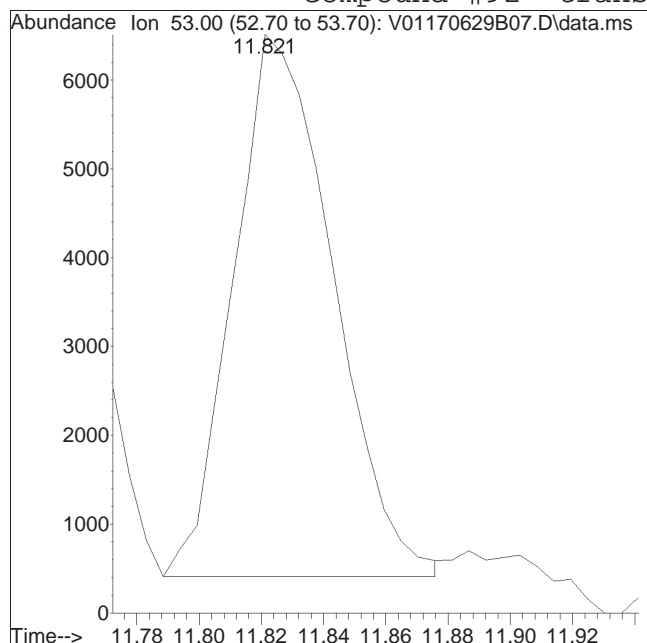
Manual Peak Response = 317163 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2017\1QMethod : V101_170629B_8260.m
Data File : V01170629B07.D Operator : VOA101:PK
Date Inj'd : 6/29/2017 20:52 Instrument : VOA 101
Sample : I8260L3 Quant Date : 6/30/2017 3:02 pm

Compound #92: trans-1,4-Dichloro-2-butene



Original Peak Response = 13521

Manual Peak Response = 17175 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2017\170629B\
 Data File : V01170629B08.D
 Acq On : 29 Jun 2017 21:20
 Operator : VOA101:PK
 Sample : I8260L4
 Misc : WG1018945,ICAL
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jun 30 16:30:18 2017
 Quant Method : I:\VOLATILES\VOA101\2017\170629B\V101_170629B_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Fri Jun 30 15:07:29 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2017\170629B\V01170629B07.D
 Sub List : 8260-CurveAlc - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	

Internal Standards							
1) Fluorobenzene	5.950	96	485497	10.000	ug/L	0.00	
Standard Area 1 = 387479			Recovery = 125.30%				
59) Chlorobenzene-d5	9.759	117	358583	10.000	ug/L	0.00	
Standard Area 1 = 289906			Recovery = 123.69%				
79) 1,4-Dichlorobenzene-d4	12.672	152	180154	10.000	ug/L	0.00	
Standard Area 1 = 152823			Recovery = 117.88%				
System Monitoring Compounds							
36) Dibromofluoromethane	5.099	113	112825	9.404	ug/L	0.00	
Spiked Amount 10.000	Range 70 - 130		Recovery = 94.04%				
43) 1,2-Dichloroethane-d4	5.650	65	129518	9.982	ug/L	0.00	
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.82%				
60) Toluene-d8	7.762	98	477949	10.560	ug/L	0.00	
Spiked Amount 10.000	Range 70 - 130		Recovery = 105.60%				
83) 4-Bromofluorobenzene	11.352	95	182230	11.338	ug/L	0.00	
Spiked Amount 10.000	Range 70 - 130		Recovery = 113.38%				
Target Compounds							
							Qvalue
2) Dichlorodifluoromethane	1.536	85	227143	52.480	ug/L		98
3) Chloromethane	1.716	50	349797	46.574	ug/L		99
4) Vinyl chloride	1.787	62	340271	44.346	ug/L		96
5) Bromomethane	2.082	94	100319	32.278	ug/L		98
6) Chloroethane	2.191	64	194738	41.310	ug/L		95
7) Trichlorofluoromethane	2.327	101	396663	30.280	ug/L		100
8) Ethyl ether	2.611	74	111625	35.303	ug/L #		62
10) 1,1-Dichloroethene	2.802	96	223383	30.678	ug/L #		64
11) Carbon disulfide	2.835	76	647349	31.363	ug/L		99
12) Freon-113	2.840	101	211125	28.584	ug/L #		68
13) Iodomethane	2.938	142	229048	27.130	ug/L		99
14) Acrolein	3.118	56	33099	37.179	ug/L		85
15) Methylene chloride	3.353	84	255431	31.685	ug/L #		71
16) Isopropyl alcohol	3.271	45	38367	162.491	ug/L #		82
17) Acetone	3.397	43	38133	34.350	ug/L #		86
18) trans-1,2-Dichloroethene	3.506	96	263742	29.654	ug/L #		70
19) Methyl acetate	3.511	43	103607	39.070	ug/L #		92
20) Methyl tert-butyl ether	3.599	73	545603	31.637	ug/L #		89
21) tert-Butyl alcohol	3.691	59	55145	161.045	ug/L		94
22) Diisopropyl ether	3.964	45	1167945	39.266	ug/L		90
23) 1,1-Dichloroethane	4.101	63	640267	35.422	ug/L		97

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2017\170629B\
 Data File : V01170629B08.D
 Acq On : 29 Jun 2017 21:20
 Operator : VOA101:PK
 Sample : I8260L4
 Misc : WG1018945,ICAL
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jun 30 16:30:18 2017
 Quant Method : I:\VOLATILES\VOA101\2017\170629B\V101_170629B_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Fri Jun 30 15:07:29 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2017\170629B\V01170629B07.D
 Sub List : 8260-CurveAlc - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
24) Halothane	4.155	117	192193	26.863	ug/L	100
25) Acrylonitrile	4.155	53	69337	41.266	ug/L	91
26) Ethyl tert-butyl ether	4.319	59	895816	34.428	ug/L	94
27) Vinyl acetate	4.341	43	563461	40.144	ug/L #	95
28) cis-1,2-Dichloroethene	4.635	96	304264	30.737	ug/L #	75
29) 2,2-Dichloropropane	4.739	77	429271	31.217	ug/L	95
30) Bromochloromethane	4.837	128	117727	29.543	ug/L #	73
31) Cyclohexane	4.837	56	708721	38.119	ug/L	72
32) Chloroform	4.914	83	514780	30.981	ug/L	99
33) Ethyl acetate	5.028	43	177753	39.002	ug/L #	90
34) Carbon tetrachloride	5.050	117	397354	28.544	ug/L	99
35) Tetrahydrofuran	5.066	42	65495	40.873	ug/L	91
37) 1,1,1-Trichloroethane	5.121	97	468172	28.933	ug/L	93
38) 2-Butanol	5.083	45	50902	174.563	ug/L #	23
39) 2-Butanone	5.219	43	78476M1	44.692	ug/L	
40) 1,1-Dichloropropene	5.246	75	448015	33.170	ug/L	100
41) Benzene	5.508	78	1248631	34.370	ug/L #	91
42) tert-Amyl methyl ether	5.617	73	611494	31.984	ug/L #	87
44) 1,2-Dichloroethane	5.721	62	368227	32.719	ug/L	96
45) Isobutyl alcohol	5.841	43	18530M1	166.788	ug/L	
46) 2-Methyl-2-butanol	5.836	59	52258	153.403	ug/L #	81
47) Methyl cyclohexane	6.125	83	501802	31.816	ug/L #	64
48) Trichloroethene	6.141	95	315746	30.383	ug/L	94
49) n-Butanol	6.119	56	175856	191.750	ug/L #	70
50) Dibromomethane	6.610	93	132480	31.199	ug/L	97
51) 1,2-Dichloropropane	6.720	63	386458	37.759	ug/L #	93
52) 4-penten-2-ol	6.698	45	33953	170.700	ug/L #	1
53) 2-Chloroethyl vinyl ether	7.467	63	67529	38.306	ug/L	88
54) Bromodichloromethane	6.796	83	375709	30.580	ug/L	99
57) 1,4-Dioxane	7.025	88	24684	614.395	ug/L #	75
58) cis-1,3-Dichloropropene	7.538	75	460812	34.076	ug/L	97
61) Toluene	7.822	92	789842	32.264	ug/L	98
62) 4-Methyl-2-pentanone	8.296	58	70789	38.173	ug/L #	89
63) Tetrachloroethene	8.307	166	309150	27.600	ug/L	96
65) trans-1,3-Dichloropropene	8.351	75	363556	35.570	ug/L	97
66) 4-Methyl-2-pentanol	8.427	45	142009	177.549	ug/L #	94
67) Ethyl methacrylate	8.553	69	256022	35.543	ug/L	92
68) 1,1,2-Trichloroethane	8.547	83	167367	35.146	ug/L	96
69) Chlorodibromomethane	8.777	129	222490	30.445	ug/L	96
70) 1,3-Dichloropropane	8.902	76	364735	35.484	ug/L	100

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2017\170629B\
 Data File : V01170629B08.D
 Acq On : 29 Jun 2017 21:20
 Operator : VOA101:PK
 Sample : I8260L4
 Misc : WG1018945,ICAL
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jun 30 16:30:18 2017
 Quant Method : I:\VOLATILES\VOA101\2017\170629B\V101_170629B_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Fri Jun 30 15:07:29 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2017\170629B\V01170629B07.D
 Sub List : 8260-CurveAlc - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
71) 1,2-Dibromoethane	9.077	107	177655	33.001	ug/L	99
72) 2-Hexanone	9.393	43	111448	40.817	ug/L	93
73) Chlorobenzene	9.781	112	870067	30.551	ug/L	98
74) Ethylbenzene	9.819	91	1576754	32.413	ug/L	97
75) 1,1,1,2-Tetrachloroethane	9.873	131	279160	29.948	ug/L	99
76) p/m Xylene	10.021	106	1241398	65.348	ug/L	87
77) o Xylene	10.594	106	1138710	63.770	ug/L	87
78) Styrene	10.665	104	1872224	65.913	ug/L	96
80) Bromoform	10.697	173	110779	29.429	ug/L	100
82) Isopropylbenzene	10.997	105	1654887	33.844	ug/L	100
84) Bromobenzene	11.472	156	301442	29.538	ug/L	98
85) n-Propylbenzene	11.510	91	1959798	34.582	ug/L	96
86) 1,4-Dichlorobutane	11.538	55	461500	42.350	ug/L	92
87) 1,1,2,2-Tetrachloroethane	11.614	83	196584	36.942	ug/L	99
88) 4-Ethyltoluene	11.647	105	1552387	33.015	ug/L	100
89) 2-Chlorotoluene	11.701	91	1080793M1	34.841	ug/L	
90) 1,3,5-Trimethylbenzene	11.756	105	1280445	33.374	ug/L	97
91) 1,2,3-Trichloropropane	11.767	75	159575	35.887	ug/L	95
92) trans-1,4-Dichloro-2-b...	11.821	53	56676	39.447	ug/L #	84
93) 4-Chlorotoluene	11.898	91	1118889	33.871	ug/L	95
94) tert-Butylbenzene	12.127	119	1094670	31.972	ug/L	91
97) 1,2,4-Trimethylbenzene	12.209	105	1276355	33.741	ug/L	97
98) sec-Butylbenzene	12.334	105	1569531	33.698	ug/L	99
99) p-Isopropyltoluene	12.498	119	1314015	32.476	ug/L	95
100) 1,3-Dichlorobenzene	12.585	146	618923	30.894	ug/L	99
101) 1,4-Dichlorobenzene	12.689	146	614628	30.144	ug/L	98
102) p-Diethylbenzene	12.913	119	727404	31.334	ug/L	98
103) n-Butylbenzene	12.973	91	1135856	34.252	ug/L	98
104) 1,2-Dichlorobenzene	13.158	146	510968	30.665	ug/L	99
105) 1,2,4,5-Tetramethylben...	13.791	119	914984	30.656	ug/L	95
106) 1,2-Dibromo-3-chloropr...	14.026	155	17850	27.312	ug/L	98
107) 1,3,5-Trichlorobenzene	14.053	180	296652	26.151	ug/L	97
108) Hexachlorobutadiene	14.686	225	89288	23.910	ug/L	98
109) 1,2,4-Trichlorobenzene	14.724	180	183038	24.472	ug/L	99
110) Naphthalene	15.057	128	257341	25.069	ug/L	100
111) 1,2,3-Trichlorobenzene	15.253	180	84156	22.541	ug/L	97

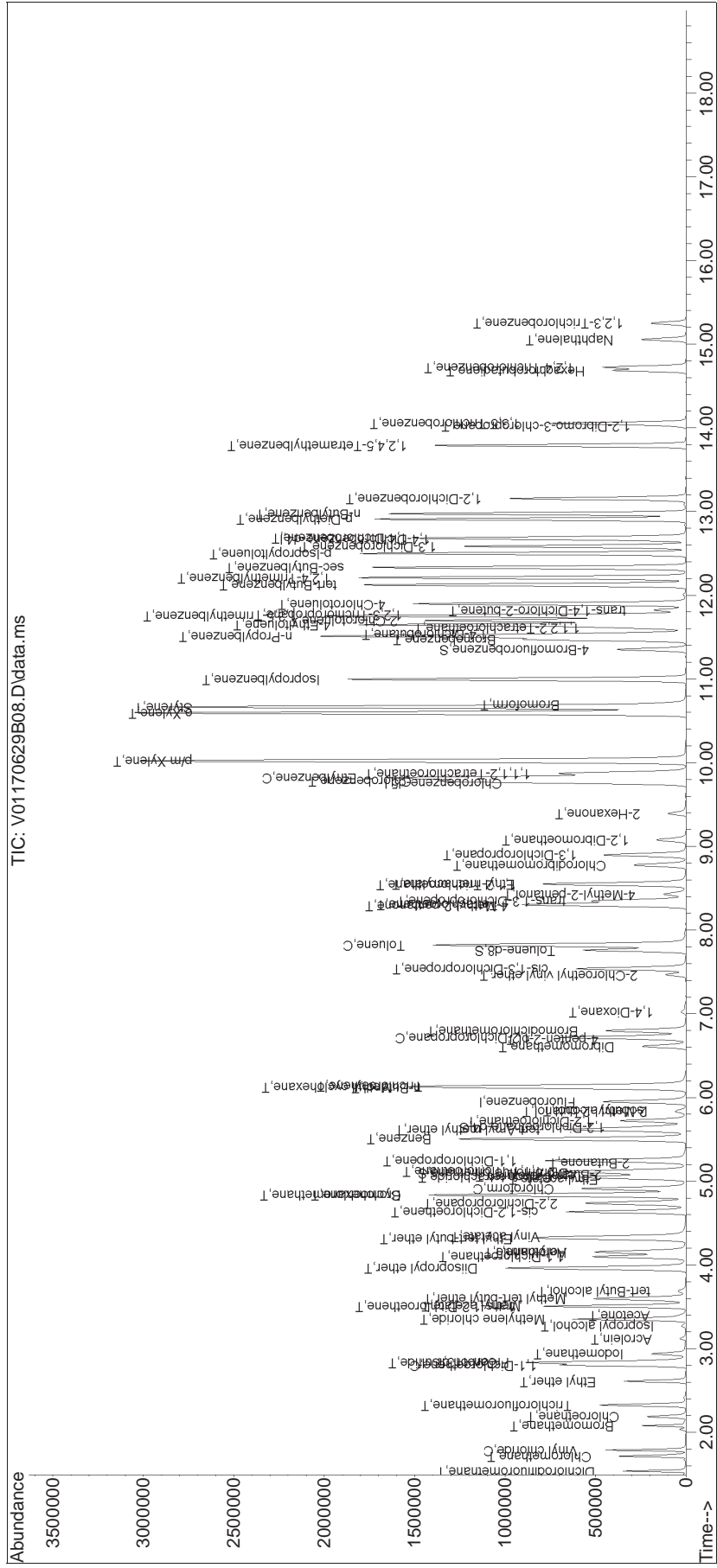
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2017\170629B\
 Data File : V01170629B08.D
 Acq On : 29 Jun 2017 21:20
 Operator : VOA101:PK
 Sample : I8260I4
 Misc : WG1018945,ICAL
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jun 30 16:30:18 2017
 Quant Method : I:\VOLATILES\VOA101\2017\170629B\VOA101_170629B_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Fri Jun 30 15:07:29 2017
 Response via : Initial Calibration

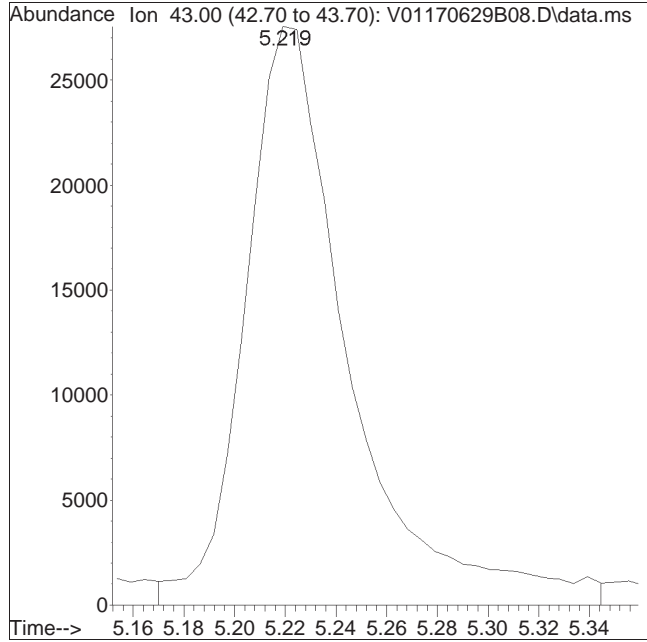
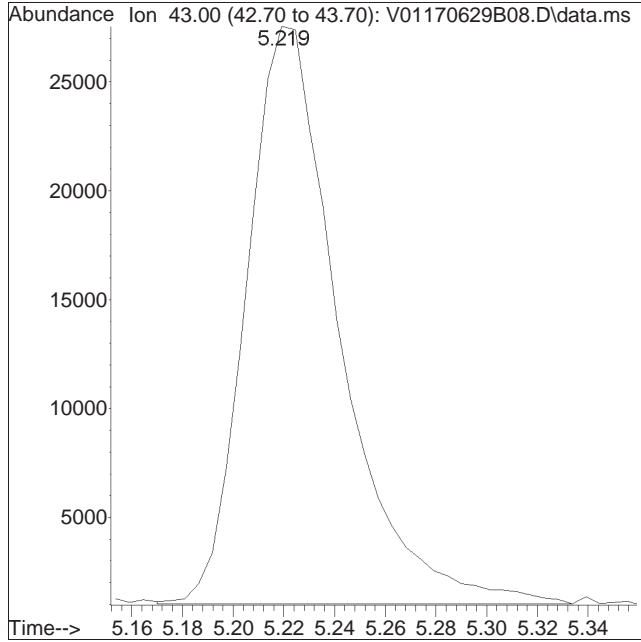
Sub List : 8260-CurveAlc - All compounds listed\V01170629B07.D•



Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2017\1QMethod : V101_170629B_8260.m
Data File : V01170629B08.D Operator : VOA101:PK
Date Inj'd : 6/29/2017 21:20 Instrument : VOA 101
Sample : I8260L4 Quant Date : 6/30/2017 3:08 pm

Compound #39: 2-Butanone



Original Peak Response = 67612

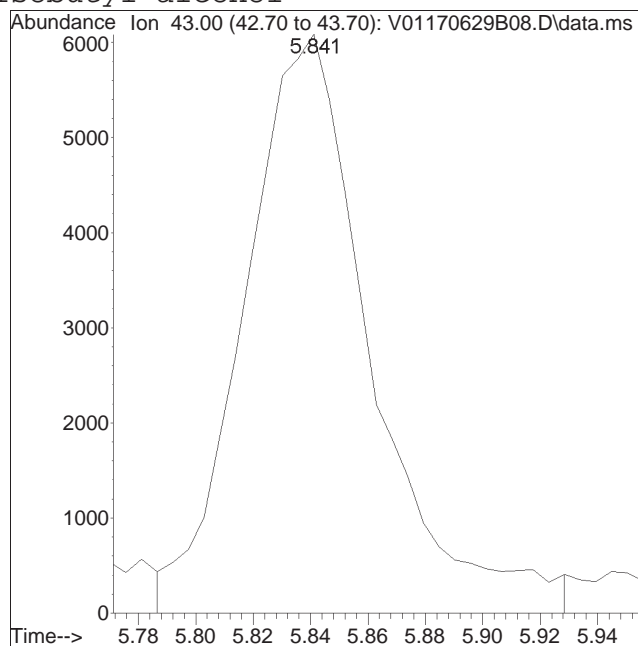
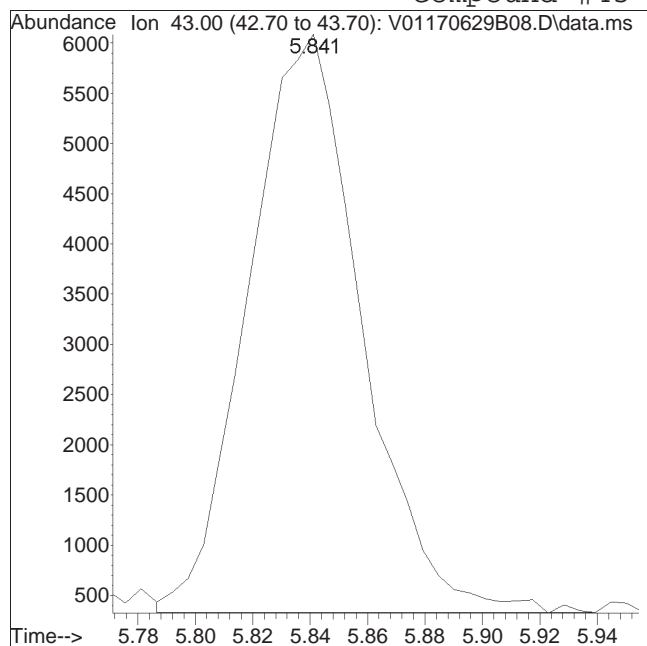
Manual Peak Response = 78476 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2017\1QMethod : V101_170629B_8260.m
Data File : V01170629B08.D Operator : VOA101:PK
Date Inj'd : 6/29/2017 21:20 Instrument : VOA 101
Sample : I8260L4 Quant Date : 6/30/2017 3:08 pm

Compound #45: Isobutyl alcohol



Original Peak Response = 15728

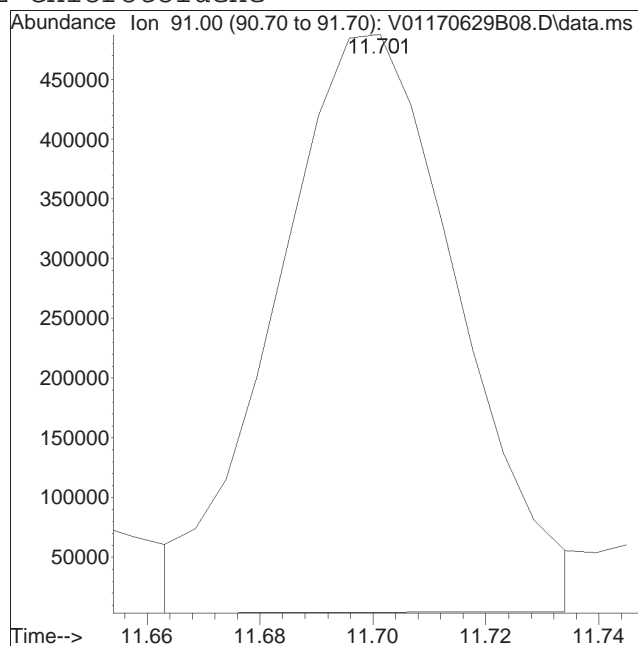
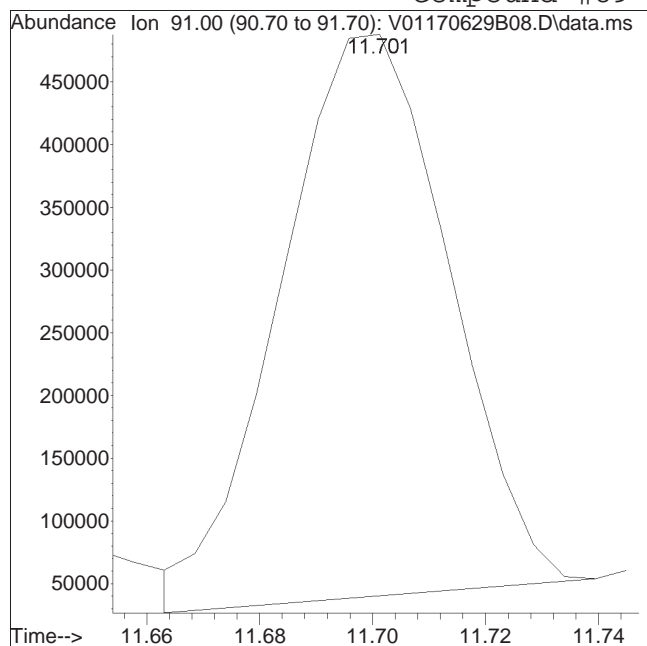
Manual Peak Response = 18530 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2017\1QMethod : V101_170629B_8260.m
Data File : V01170629B08.D Operator : VOA101:PK
Date Inj'd : 6/29/2017 21:20 Instrument : VOA 101
Sample : I8260L4 Quant Date : 6/30/2017 3:08 pm

Compound #89: 2-Chlorotoluene



Original Peak Response = 930194

Manual Peak Response = 1080793 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2017\170629B\
 Data File : V01170629B09.D
 Acq On : 29 Jun 2017 21:49
 Operator : VOA101:PK
 Sample : I8260L6
 Misc : WG1018945,ICAL
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jun 30 16:31:16 2017
 Quant Method : I:\VOLATILES\VOA101\2017\170629B\V101_170629B_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Fri Jun 30 15:07:29 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2017\170629B\V01170629B07.D
 Sub List : 8260-CurveAlc - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	

Internal Standards							
1) Fluorobenzene	5.950	96	510397	10.000	ug/L	0.00	
Standard Area 1 = 387479			Recovery = 131.72%				
59) Chlorobenzene-d5	9.759	117	376630	10.000	ug/L	0.00	
Standard Area 1 = 289906			Recovery = 129.91%				
79) 1,4-Dichlorobenzene-d4	12.672	152	187608	10.000	ug/L	0.00	
Standard Area 1 = 152823			Recovery = 122.76%				
System Monitoring Compounds							
36) Dibromofluoromethane	5.099	113	119100	9.442	ug/L	0.00	
Spiked Amount 10.000	Range 70 - 130		Recovery = 94.42%				
43) 1,2-Dichloroethane-d4	5.650	65	136896	10.036	ug/L	0.00	
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.36%				
60) Toluene-d8	7.762	98	503382	10.589	ug/L	0.00	
Spiked Amount 10.000	Range 70 - 130		Recovery = 105.89%				
83) 4-Bromofluorobenzene	11.352	95	187232	11.186	ug/L	0.00	
Spiked Amount 10.000	Range 70 - 130		Recovery = 111.86%				
Target Compounds							
							Qvalue
2) Dichlorodifluoromethane	1.536	85	738706	162.348	ug/L		98
3) Chloromethane	1.716	50	1098427	139.117	ug/L		98
4) Vinyl chloride	1.787	62	1094234	135.649	ug/L		96
5) Bromomethane	2.081	94	377458	115.522	ug/L		99
6) Chloroethane	2.180	64	580282	117.092	ug/L		95
7) Trichlorofluoromethane	2.322	101	1277227	92.744	ug/L		99
8) Ethyl ether	2.611	74	345468	103.929	ug/L #		63
10) 1,1-Dichloroethene	2.802	96	718466	93.855	ug/L #		64
11) Carbon disulfide	2.829	76	2055992	94.751	ug/L		99
12) Freon-113	2.840	101	674334	86.843	ug/L #		67
13) Iodomethane	2.938	142	833066	92.414	ug/L		98
14) Acrolein	3.118	56	104300	111.441	ug/L		83
15) Methylene chloride	3.353	84	786783	92.835	ug/L #		71
16) Isopropyl alcohol	3.271	45	124093	499.916	ug/L #		81
17) Acetone	3.391	43	121884	104.435	ug/L #		86
18) trans-1,2-Dichloroethene	3.506	96	835158	89.320	ug/L #		70
19) Methyl acetate	3.511	43	334349	119.932	ug/L #		92
20) Methyl tert-butyl ether	3.598	73	1692787	93.369	ug/L #		91
21) tert-Butyl alcohol	3.686	59	177472	493.002	ug/L		92
22) Diisopropyl ether	3.958	45	3555371	113.699	ug/L		90
23) 1,1-Dichloroethane	4.100	63	1967593	103.544	ug/L		97

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2017\170629B\
 Data File : V01170629B09.D
 Acq On : 29 Jun 2017 21:49
 Operator : VOA101:PK
 Sample : I8260L6
 Misc : WG1018945,ICAL
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jun 30 16:31:16 2017
 Quant Method : I:\VOLATILES\VOA101\2017\170629B\V101_170629B_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Fri Jun 30 15:07:29 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2017\170629B\V01170629B07.D
 Sub List : 8260-CurveAlc - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
24) Halothane	4.155	117	604677	80.394	ug/L	100
25) Acrylonitrile	4.149	53	218774	123.851	ug/L	92
26) Ethyl tert-butyl ether	4.319	59	2699657	98.692	ug/L	94
27) Vinyl acetate	4.340	43	1764529	119.581	ug/L	96
28) cis-1,2-Dichloroethene	4.635	96	920733	88.476	ug/L #	75
29) 2,2-Dichloropropane	4.739	77	1325076	91.660	ug/L	97
30) Bromochloromethane	4.837	128	347411	82.929	ug/L #	74
31) Cyclohexane	4.837	56	2166268	110.830	ug/L	73
32) Chloroform	4.908	83	1516303	86.803	ug/L	98
33) Ethyl acetate	5.022	43	537451	112.173	ug/L #	92
34) Carbon tetrachloride	5.050	117	1244033	85.006	ug/L	98
35) Tetrahydrofuran	5.066	42	189134	112.272	ug/L	93
37) 1,1,1-Trichloroethane	5.121	97	1411408	82.969	ug/L	93
38) 2-Butanol	5.082	45	164113	535.352	ug/L #	23
39) 2-Butanone	5.213	43	208834	113.129	ug/L	94
40) 1,1-Dichloropropene	5.246	75	1350858	95.134	ug/L	100
41) Benzene	5.503	78	3683602	96.450	ug/L #	91
42) tert-Amyl methyl ether	5.617	73	1801252	89.618	ug/L #	89
44) 1,2-Dichloroethane	5.721	62	1056737	89.317	ug/L	97
45) Isobutyl alcohol	5.830	43	55597M1	476.013	ug/L	
46) 2-Methyl-2-butanol	5.835	59	158152	441.604	ug/L #	82
47) Methyl cyclohexane	6.125	83	1498137	90.354	ug/L #	65
48) Trichloroethene	6.136	95	933142	85.412	ug/L	94
49) n-Butanol	6.119	56	520833	540.201	ug/L #	69
50) Dibromomethane	6.610	93	384912	86.225	ug/L	96
51) 1,2-Dichloropropane	6.719	63	1126437	104.690	ug/L #	93
52) 4-penten-2-ol	6.681	45	120294	558.945	ug/L #	1
53) 2-Chloroethyl vinyl ether	7.467	63	213544	115.224	ug/L	88
54) Bromodichloromethane	6.796	83	1127921	87.327	ug/L	99
57) 1,4-Dioxane	7.019	88	36281	858.993	ug/L #	77
58) cis-1,3-Dichloropropene	7.538	75	1392443	97.945	ug/L	97
61) Toluene	7.822	92	2319826	90.221	ug/L	97
62) 4-Methyl-2-pentanone	8.296	58	212124	108.906	ug/L #	87
63) Tetrachloroethene	8.307	166	924564	78.588	ug/L	96
65) trans-1,3-Dichloropropene	8.345	75	1113745	103.746	ug/L	98
66) 4-Methyl-2-pentanol	8.427	45	468783	558.018	ug/L #	94
67) Ethyl methacrylate	8.547	69	785519	103.369	ug/L	90
68) 1,1,2-Trichloroethane	8.547	83	484213	96.809	ug/L	96
69) Chlorodibromomethane	8.776	129	667927	87.017	ug/L	97
70) 1,3-Dichloropropane	8.896	76	1058003	97.999	ug/L	100

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2017\170629B\
 Data File : V01170629B09.D
 Acq On : 29 Jun 2017 21:49
 Operator : VOA101:PK
 Sample : I8260L6
 Misc : WG1018945,ICAL
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jun 30 16:31:16 2017
 Quant Method : I:\VOLATILES\VOA101\2017\170629B\V101_170629B_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Fri Jun 30 15:07:29 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2017\170629B\V01170629B07.D
 Sub List : 8260-CurveAlc - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
71) 1,2-Dibromoethane	9.077	107	523152	92.522	ug/L	99
72) 2-Hexanone	9.388	43	340135	118.601	ug/L	91
73) Chlorobenzene	9.780	112	2539380	84.894	ug/L	98
74) Ethylbenzene	9.824	91	4629723	90.611	ug/L	97
75) 1,1,1,2-Tetrachloroethane	9.873	131	825240	84.290	ug/L	98
76) p/m Xylene	10.026	106	3605019	180.678	ug/L	88
77) o Xylene	10.593	106	3279690	174.868	ug/L	88
78) Styrene	10.664	104	5406855	181.231	ug/L	96
80) Bromoform	10.697	173	330874	84.405	ug/L	99
82) Isopropylbenzene	10.997	105	4798106	94.228	ug/L	100
84) Bromobenzene	11.472	156	867190	81.598	ug/L	99
85) n-Propylbenzene	11.516	91	5689260	96.404	ug/L	97
86) 1,4-Dichlorobutane	11.537	55	1312698	115.674	ug/L	92
87) 1,1,2,2-Tetrachloroethane	11.614	83	564609	101.886	ug/L	100
88) 4-Ethyltoluene	11.647	105	4483744	91.567	ug/L	100
89) 2-Chlorotoluene	11.701	91	3179518	98.425	ug/L	94
90) 1,3,5-Trimethylbenzene	11.756	105	3718405	93.066	ug/L	97
91) 1,2,3-Trichloropropane	11.767	75	464320	100.273	ug/L	97
92) trans-1,4-Dichloro-2-b...	11.821	53	175938	117.588	ug/L #	91
93) 4-Chlorotoluene	11.897	91	3242491	94.256	ug/L	95
94) tert-Butylbenzene	12.127	119	3211408	90.070	ug/L	92
97) 1,2,4-Trimethylbenzene	12.209	105	3717505	94.369	ug/L	97
98) sec-Butylbenzene	12.334	105	4586339	94.557	ug/L	99
99) p-Isopropyltoluene	12.498	119	3846304	91.284	ug/L	96
100) 1,3-Dichlorobenzene	12.585	146	1799509	86.254	ug/L	98
101) 1,4-Dichlorobenzene	12.689	146	1768357	83.282	ug/L	98
102) p-Diethylbenzene	12.912	119	2148900	88.889	ug/L	98
103) n-Butylbenzene	12.972	91	3362901	97.381	ug/L	98
104) 1,2-Dichlorobenzene	13.158	146	1473785	84.933	ug/L	99
105) 1,2,4,5-Tetramethylben...	13.791	119	2736191	88.032	ug/L	95
106) 1,2-Dibromo-3-chloropr...	14.025	155	56499	83.013	ug/L	96
107) 1,3,5-Trichlorobenzene	14.053	180	885363	74.946	ug/L	96
108) Hexachlorobutadiene	14.686	225	262274	67.442	ug/L	98
109) 1,2,4-Trichlorobenzene	14.724	180	549020	70.488	ug/L	99
110) Naphthalene	15.057	128	777293	72.711	ug/L	100
111) 1,2,3-Trichlorobenzene	15.248	180	240821	61.941	ug/L	97

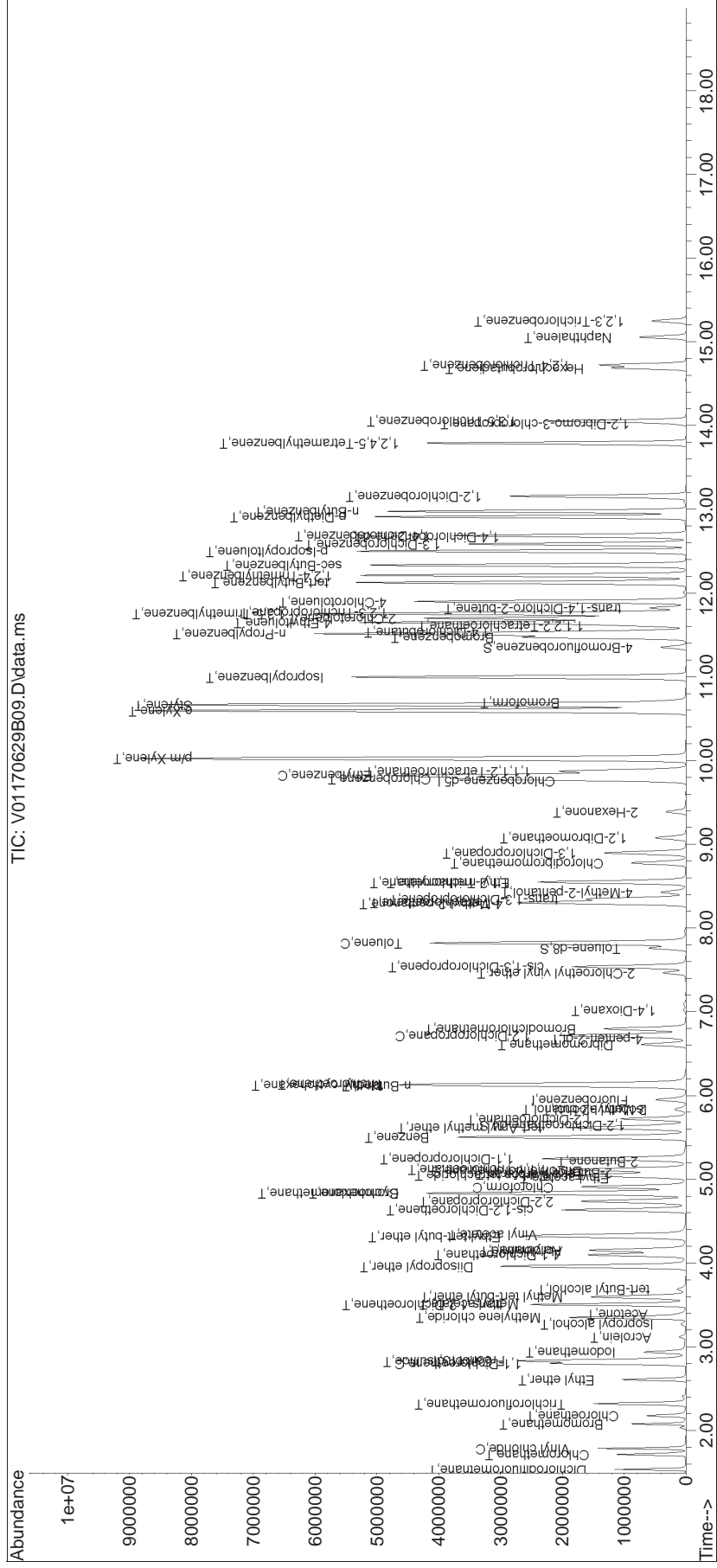
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2017\170629B\
 Data File : V01170629B09.D
 Acq On : 29 Jun 2017 21:49
 Operator : VOA101:PK
 Sample : I8260L6
 Misc : WG1018945,ICAL
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jun 30 16:31:16 2017
 Quant Method : I:\VOLATILES\VOA101\2017\170629B\V101_170629B_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Fri Jun 30 15:07:29 2017
 Response via : Initial Calibration

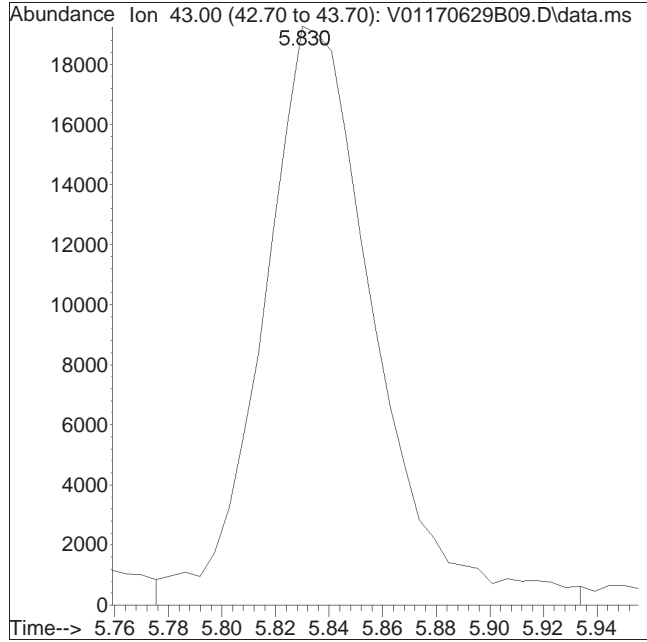
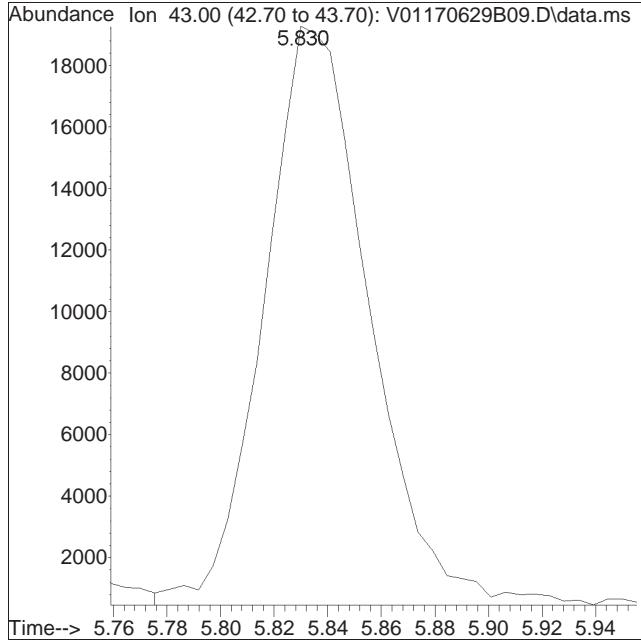
Sub List : 8260-CurveAlc - All compounds listed\V01170629B07.D•



Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2017\1QMethod : V101_170629B_8260.m
Data File : V01170629B09.D Operator : VOA101:PK
Date Inj'd : 6/29/2017 21:49 Instrument : VOA 101
Sample : I8260L6 Quant Date : 6/30/2017 3:08 pm

Compound #45: Isobutyl alcohol



Original Peak Response = 51199

Manual Peak Response = 55597 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2017\170629B\
 Data File : V01170629B10.D
 Acq On : 29 Jun 2017 22:18
 Operator : VOA101:PK
 Sample : I8260L8
 Misc : WG1018945,ICAL
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jun 30 15:35:14 2017
 Quant Method : I:\VOLATILES\VOA101\2017\170629B\V101_170629B_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Fri Jun 30 15:07:29 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2017\170629B\V01170629B07.D
 Sub List : 8260-CurveAlc - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Fluorobenzene	5.950	96	530576	10.000	ug/L	0.00
Standard Area 1 = 387479			Recovery = 136.93%			
59) Chlorobenzene-d5	9.759	117	394262	10.000	ug/L	0.00
Standard Area 1 = 289906			Recovery = 136.00%			
79) 1,4-Dichlorobenzene-d4	12.672	152	193623	10.000	ug/L	0.00
Standard Area 1 = 152823			Recovery = 126.70%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.099	113	124858	9.522	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 95.22%			
43) 1,2-Dichloroethane-d4	5.650	65	143461	10.117	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 101.17%			
60) Toluene-d8	7.762	98	525973	10.570	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 105.70%			
83) 4-Bromofluorobenzene	11.352	95	195863	11.338	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 113.38%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.536	85	1121734	237.151	ug/L	99
3) Chloromethane	1.716	50	1708541	208.158	ug/L	99
4) Vinyl chloride	1.787	62	1661651	198.156	ug/L	96
5) Bromomethane	2.082	94	632978	186.357	ug/L	99
6) Chloroethane	2.174	64	798940	155.082	ug/L	96
7) Trichlorofluoromethane	2.322	101	1915519	133.802	ug/L	99
8) Ethyl ether	2.611	74	533137	154.287	ug/L #	64
10) 1,1-Dichloroethene	2.802	96	1087249	136.629	ug/L #	64
11) Carbon disulfide	2.829	76	3172912	140.664	ug/L	99
12) Freon-113	2.840	101	1011928	125.364	ug/L #	70
13) Iodomethane	2.938	142	1258937	134.079	ug/L	98
14) Acrolein	3.118	56	163140	167.681	ug/L	86
15) Methylene chloride	3.353	84	1203866	136.646	ug/L	73
16) Isopropyl alcohol	3.271	45	210402	815.380	ug/L #	81
17) Acetone	3.391	43	189505	156.199	ug/L #	86
18) trans-1,2-Dichloroethene	3.506	96	1275705	131.248	ug/L #	71
19) Methyl acetate	3.511	43	506592	174.805	ug/L	92
20) Methyl tert-butyl ether	3.599	73	2586064	137.214	ug/L #	91
21) tert-Butyl alcohol	3.691	59	288603	771.223	ug/L	90
22) Diisopropyl ether	3.964	45	5331246	164.006	ug/L	90
23) 1,1-Dichloroethane	4.101	63	2975925	150.651	ug/L	97

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2017\170629B\
 Data File : V01170629B10.D
 Acq On : 29 Jun 2017 22:18
 Operator : VOA101:PK
 Sample : I8260L8
 Misc : WG1018945,ICAL
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jun 30 15:35:14 2017
 Quant Method : I:\VOLATILES\VOA101\2017\170629B\V101_170629B_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Fri Jun 30 15:07:29 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2017\170629B\V01170629B07.D
 Sub List : 8260-CurveAlc - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
24) Halothane	4.155	117	912665	116.727	ug/L	100
25) Acrylonitrile	4.150	53	336528	183.267	ug/L	91
26) Ethyl tert-butyl ether	4.319	59	4099087	144.152	ug/L	93
27) Vinyl acetate	4.335	43	2692514	175.530	ug/L	96
28) cis-1,2-Dichloroethene	4.635	96	1398115	129.239	ug/L #	75
29) 2,2-Dichloropropane	4.739	77	1999823	133.073	ug/L	98
30) Bromochloromethane	4.837	128	505746	116.133	ug/L #	75
31) Cyclohexane	4.837	56	3184666	156.737	ug/L	74
32) Chloroform	4.914	83	2295390	126.405	ug/L	99
33) Ethyl acetate	5.023	43	820440	164.724	ug/L #	91
34) Carbon tetrachloride	5.050	117	1857504	122.097	ug/L	99
35) Tetrahydrofuran	5.066	42	282662	161.410	ug/L	94
37) 1,1,1-Trichloroethane	5.121	97	2114584	119.577	ug/L	94
38) 2-Butanol	5.077	45	266798	837.219	ug/L #	18
39) 2-Butanone	5.219	43	322119	167.861	ug/L	93
40) 1,1-Dichloropropene	5.246	75	2023953	137.116	ug/L	99
41) Benzene	5.503	78	5539952	139.539	ug/L #	91
42) tert-Amyl methyl ether	5.617	73	2730873	130.703	ug/L #	90
44) 1,2-Dichloroethane	5.721	62	1584144	128.802	ug/L	97
45) Isobutyl alcohol	5.836	43	82418	678.813	ug/L	97
46) 2-Methyl-2-butanol	5.836	59	263211	707.006	ug/L #	82
47) Methyl cyclohexane	6.125	83	2226425	129.171	ug/L #	67
48) Trichloroethene	6.136	95	1404322	123.652	ug/L	94
49) n-Butanol	6.125	56	765690	763.960	ug/L #	68
50) Dibromomethane	6.610	93	583197	125.674	ug/L	96
51) 1,2-Dichloropropane	6.714	63	1695215	151.560	ug/L #	93
52) 4-penten-2-ol	6.681	45	215300	957.370	ug/L #	1
53) 2-Chloroethyl vinyl ether	7.467	63	329372	170.963	ug/L	89
54) Bromodichloromethane	6.796	83	1702214	126.777	ug/L	99
57) 1,4-Dioxane	7.025	88	56356	1283.545	ug/L #	76
58) cis-1,3-Dichloropropene	7.538	75	2118156	143.325	ug/L	98
61) Toluene	7.822	92	3495583	129.868	ug/L	97
62) 4-Methyl-2-pentanone	8.296	58	325095	159.442	ug/L #	86
63) Tetrachloroethene	8.307	166	1383748	112.359	ug/L	96
65) trans-1,3-Dichloropropene	8.351	75	1705246	151.741	ug/L	98
66) 4-Methyl-2-pentanol	8.427	45	801364	911.247	ug/L #	93
67) Ethyl methacrylate	8.553	69	1204456	151.299	ug/L	89
68) 1,1,2-Trichloroethane	8.553	83	725979	138.655	ug/L	96
69) Chlorodibromomethane	8.777	129	1018873	126.802	ug/L	96
70) 1,3-Dichloropropane	8.897	76	1604438	141.967	ug/L	100

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2017\170629B\
 Data File : V01170629B10.D
 Acq On : 29 Jun 2017 22:18
 Operator : VOA101:PK
 Sample : I8260L8
 Misc : WG1018945,ICAL
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jun 30 15:35:14 2017
 Quant Method : I:\VOLATILES\VOA101\2017\170629B\V101_170629B_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Fri Jun 30 15:07:29 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2017\170629B\V01170629B07.D
 Sub List : 8260-CurveAlc - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
71) 1,2-Dibromoethane	9.077	107	798024	134.823	ug/L	99
72) 2-Hexanone	9.388	43	527687	175.770	ug/L	92
73) Chlorobenzene	9.786	112	3841803	122.691	ug/L	98
74) Ethylbenzene	9.824	91	6948861	129.918	ug/L	97
75) 1,1,1,2-Tetrachloroethane	9.873	131	1250891	122.051	ug/L	99
76) p/m Xylene	10.026	106	5388209	257.972	ug/L	88
77) o Xylene	10.599	106	4929505	251.079	ug/L	88
78) Styrene	10.670	104	8098736	259.320	ug/L	97
80) Bromoform	10.697	173	512126	126.584	ug/L	99
82) Isopropylbenzene	10.997	105	7233909	137.650	ug/L	99
84) Bromobenzene	11.472	156	1319256	120.279	ug/L	99
85) n-Propylbenzene	11.516	91	8495966	139.490	ug/L	96
86) 1,4-Dichlorobutane	11.538	55	1981141	169.153	ug/L	92
87) 1,1,2,2-Tetrachloroethane	11.614	83	866348	151.480	ug/L	100
88) 4-Ethyltoluene	11.652	105	6724897	133.070	ug/L	100
89) 2-Chlorotoluene	11.701	91	4786302	143.562	ug/L	94
90) 1,3,5-Trimethylbenzene	11.756	105	5617265	136.225	ug/L	98
91) 1,2,3-Trichloropropane	11.767	75	712360	149.059	ug/L	98
92) trans-1,4-Dichloro-2-b...	11.821	53	277179	179.498	ug/L #	94
93) 4-Chlorotoluene	11.903	91	4914761	138.428	ug/L	95
94) tert-Butylbenzene	12.127	119	4820336	130.995	ug/L	92
97) 1,2,4-Trimethylbenzene	12.214	105	5630712	138.496	ug/L	97
98) sec-Butylbenzene	12.334	105	6895567	137.750	ug/L	99
99) p-Isopropyltoluene	12.503	119	5809712	133.599	ug/L	96
100) 1,3-Dichlorobenzene	12.585	146	2710688	125.892	ug/L	99
101) 1,4-Dichlorobenzene	12.689	146	2687358	122.632	ug/L	98
102) p-Diethylbenzene	12.913	119	3277227	131.350	ug/L	98
103) n-Butylbenzene	12.978	91	5100552	143.110	ug/L	98
104) 1,2-Dichlorobenzene	13.158	146	2236450	124.880	ug/L	99
105) 1,2,4,5-Tetramethylben...	13.791	119	4182408	130.381	ug/L	95
106) 1,2-Dibromo-3-chloropr...	14.026	155	89878	127.955	ug/L	98
107) 1,3,5-Trichlorobenzene	14.053	180	1346381	110.430	ug/L	97
108) Hexachlorobutadiene	14.691	225	417786	104.093	ug/L	97
109) 1,2,4-Trichlorobenzene	14.724	180	841054	104.627	ug/L	99
110) Naphthalene	15.051	128	1226695	111.185	ug/L	100
111) 1,2,3-Trichlorobenzene	15.253	180	371948	92.697	ug/L	98

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

Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2017\1QMethod : V101_170629B_8260.m
Data File : V01170629B10.D Operator : VOA101:PK
Date Inj'd : 6/29/2017 22:18 Instrument : VOA 101
Sample : I8260L8 Quant Date : 6/30/2017 3:08 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2017\170629B\
 Data File : V01170629B11.D
 Acq On : 29 Jun 2017 22:46
 Operator : VOA101:PK
 Sample : I8260L10
 Misc : WG1018945,ICAL
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jun 30 15:08:36 2017
 Quant Method : I:\VOLATILES\VOA101\2017\170629B\V101_170629B_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Fri Jun 30 15:07:29 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2017\170629B\V01170629B07.D
 Sub List : 8260-CurveAlc - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	

Internal Standards							
1) Fluorobenzene	5.950	96	548987	10.000	ug/L	0.00	
Standard Area 1 = 387479			Recovery = 141.68%				
59) Chlorobenzene-d5	9.764	117	406440	10.000	ug/L	0.00	
Standard Area 1 = 289906			Recovery = 140.20%				
79) 1,4-Dichlorobenzene-d4	12.672	152	200483	10.000	ug/L	0.00	
Standard Area 1 = 152823			Recovery = 131.19%				
System Monitoring Compounds							
36) Dibromofluoromethane	5.099	113	127608	9.406	ug/L	0.00	
Spiked Amount 10.000	Range 70 - 130		Recovery = 94.06%				
43) 1,2-Dichloroethane-d4	5.650	65	148072	10.092	ug/L	0.00	
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.92%				
60) Toluene-d8	7.762	98	541835	10.562	ug/L	0.00	
Spiked Amount 10.000	Range 70 - 130		Recovery = 105.62%				
83) 4-Bromofluorobenzene	11.352	95	203445	11.374	ug/L	0.00	
Spiked Amount 10.000	Range 70 - 130		Recovery = 113.74%				
Target Compounds							
							Qvalue
2) Dichlorodifluoromethane	1.536	85	1976893	403.928	ug/L		99
3) Chloromethane	1.711	50	3034804	357.343	ug/L		99
4) Vinyl chloride	1.787	62	2923784	336.976	ug/L		96
5) Bromomethane	2.076	94	1176914	334.878	ug/L		99
6) Chloroethane	2.164	64	765942	143.691	ug/L		98
7) Trichlorofluoromethane	2.311	101	3373388	227.735	ug/L		99
8) Ethyl ether	2.605	74	933888	261.198	ug/L #		65
10) 1,1-Dichloroethene	2.796	96	1922899	233.536	ug/L #		65
11) Carbon disulfide	2.829	76	5650639	242.107	ug/L		99
12) Freon-113	2.835	101	1775670	212.603	ug/L		72
13) Iodomethane	2.933	142	2233025	229.425	ug/L		98
14) Acrolein	3.113	56	288506	286.591	ug/L		85
15) Methylene chloride	3.348	84	2120692	232.639	ug/L		75
16) Isopropyl alcohol	3.277	45	365272	1368.082	ug/L #		80
17) Acetone	3.391	43	325024	258.916	ug/L #		84
18) trans-1,2-Dichloroethene	3.500	96	2243315	223.058	ug/L #		72
19) Methyl acetate	3.506	43	886943	295.786	ug/L		92
20) Methyl tert-butyl ether	3.599	73	4501806	230.851	ug/L #		92
21) tert-Butyl alcohol	3.691	59	498716	1288.007	ug/L		90
22) Diisopropyl ether	3.964	45	9060908	269.395	ug/L		91
23) 1,1-Dichloroethane	4.095	63	5179990	253.434	ug/L		97

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2017\170629B\
 Data File : V01170629B11.D
 Acq On : 29 Jun 2017 22:46
 Operator : VOA101:PK
 Sample : I8260L10
 Misc : WG1018945,ICAL
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jun 30 15:08:36 2017
 Quant Method : I:\VOLATILES\VOA101\2017\170629B\V101_170629B_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Fri Jun 30 15:07:29 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2017\170629B\V01170629B07.D
 Sub List : 8260-CurveAlc - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
24) Halothane	4.155	117	1611938	199.248	ug/L	99
25) Acrylonitrile	4.144	53	582285	306.468	ug/L	92
26) Ethyl tert-butyl ether	4.319	59	7050553	239.631	ug/L	93
27) Vinyl acetate	4.335	43	4628019	291.592	ug/L	96
28) cis-1,2-Dichloroethene	4.635	96	2431723	217.245	ug/L #	75
29) 2,2-Dichloropropane	4.739	77	3503437	225.309	ug/L	100
30) Bromochloromethane	4.837	128	834367	185.168	ug/L #	78
31) Cyclohexane	4.832	56	5485890	260.940	ug/L	74
32) Chloroform	4.908	83	3959645	210.741	ug/L	99
33) Ethyl acetate	5.023	43	1394059	270.506	ug/L #	91
34) Carbon tetrachloride	5.050	117	3245052	206.150	ug/L	98
35) Tetrahydrofuran	5.066	42	479485	264.621	ug/L	96
37) 1,1,1-Trichloroethane	5.115	97	3656696	199.847	ug/L	94
38) 2-Butanol	5.083	45	451353	1368.858	ug/L #	22
39) 2-Butanone	5.214	43	550453	277.230	ug/L	94
40) 1,1-Dichloropropene	5.246	75	3513723	230.060	ug/L	99
41) Benzene	5.503	78	9580673	233.223	ug/L #	92
42) tert-Amyl methyl ether	5.617	73	4728806	218.736	ug/L #	91
44) 1,2-Dichloroethane	5.721	62	2700438	212.201	ug/L	97
45) Isobutyl alcohol	5.841	43	139268	1108.574	ug/L	97
46) 2-Methyl-2-butanol	5.841	59	443181	1150.497	ug/L #	81
47) Methyl cyclohexane	6.125	83	3879330	217.520	ug/L #	70
48) Trichloroethene	6.136	95	2431393	206.907	ug/L	95
49) n-Butanol	6.125	56	1300241	1253.796	ug/L #	68
50) Dibromomethane	6.610	93	1013229	211.020	ug/L	96
51) 1,2-Dichloropropane	6.720	63	2907666	251.241	ug/L #	93
52) 4-penten-2-ol	6.687	45	380064	1628.480	ug/L #	1
53) 2-Chloroethyl vinyl ether	7.467	63	594078	298.020	ug/L	90
54) Bromodichloromethane	6.796	83	2955457	212.735	ug/L	99
57) 1,4-Dioxane	7.025	88	98636	2171.160	ug/L #	78
58) cis-1,3-Dichloropropene	7.538	75	3666814	239.795	ug/L	99
61) Toluene	7.822	92	6037663	217.590	ug/L	97
62) 4-Methyl-2-pentanone	8.296	58	552329	262.771	ug/L #	84
63) Tetrachloroethene	8.307	166	2394942	188.640	ug/L	96
65) trans-1,3-Dichloropropene	8.351	75	2954912	255.064	ug/L	99
66) 4-Methyl-2-pentanol	8.433	45	1364087	1504.654	ug/L #	93
67) Ethyl methacrylate	8.553	69	2094413	255.045	ug/L	88
68) 1,1,2-Trichloroethane	8.547	83	1245203	230.695	ug/L	96
69) Chlorodibromomethane	8.777	129	1765360	213.121	ug/L	96
70) 1,3-Dichloropropane	8.902	76	2759362	236.843	ug/L	100

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2017\170629B\
 Data File : V01170629B11.D
 Acq On : 29 Jun 2017 22:46
 Operator : VOA101:PK
 Sample : I8260L10
 Misc : WG1018945,ICAL
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jun 30 15:08:36 2017
 Quant Method : I:\VOLATILES\VOA101\2017\170629B\V101_170629B_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Fri Jun 30 15:07:29 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2017\170629B\V01170629B07.D
 Sub List : 8260-CurveAlc - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
71) 1,2-Dibromoethane	9.077	107	1370697	224.636	ug/L	98
72) 2-Hexanone	9.388	43	911214	294.427	ug/L	91
73) Chlorobenzene	9.786	112	6569240	203.508	ug/L	99
74) Ethylbenzene	9.824	91	11833912	214.621	ug/L	97
75) 1,1,1,2-Tetrachloroethane	9.879	131	2135887	202.158	ug/L	98
76) p/m Xylene	10.032	106	9053778	420.481	ug/L	88
77) o Xylene	10.599	106	8296727	409.924	ug/L	88
78) Styrene	10.670	104	13474923	418.536	ug/L	98
80) Bromoform	10.703	173	877674	209.514	ug/L	99
82) Isopropylbenzene	11.003	105	12307355	226.177	ug/L	100
84) Bromobenzene	11.478	156	2270049	199.883	ug/L	99
85) n-Propylbenzene	11.516	91	14493444	229.817	ug/L	97
86) 1,4-Dichlorobutane	11.543	55	3341437	275.535	ug/L	92
87) 1,1,2,2-Tetrachloroethane	11.619	83	1496355	252.683	ug/L	100
88) 4-Ethyltoluene	11.652	105	11562468	220.965	ug/L	100
89) 2-Chlorotoluene	11.701	91	8072367	233.840	ug/L	94
90) 1,3,5-Trimethylbenzene	11.756	105	9600418	224.854	ug/L	98
91) 1,2,3-Trichloropropane	11.767	75	1220512	246.650	ug/L	98
92) trans-1,4-Dichloro-2-b...	11.821	53	490881	307.011	ug/L #	90
93) 4-Chlorotoluene	11.903	91	8425444	229.189	ug/L	95
94) tert-Butylbenzene	12.127	119	8305984	217.996	ug/L	93
97) 1,2,4-Trimethylbenzene	12.214	105	9686436	230.100	ug/L	98
98) sec-Butylbenzene	12.334	105	11880224	229.206	ug/L	99
99) p-Isopropyltoluene	12.503	119	10025927	222.665	ug/L	96
100) 1,3-Dichlorobenzene	12.591	146	4694461	210.565	ug/L	99
101) 1,4-Dichlorobenzene	12.689	146	4645623	204.739	ug/L	98
102) p-Diethylbenzene	12.913	119	5633658	218.069	ug/L	97
103) n-Butylbenzene	12.978	91	8729550	236.551	ug/L	98
104) 1,2-Dichlorobenzene	13.158	146	3882594	209.380	ug/L	99
105) 1,2,4,5-Tetramethylben...	13.791	119	7167772	215.800	ug/L	95
106) 1,2-Dibromo-3-chloropr...	14.026	155	160351	220.472	ug/L	96
107) 1,3,5-Trichlorobenzene	14.058	180	2300197	182.207	ug/L	97
108) Hexachlorobutadiene	14.686	225	732809	176.335	ug/L	97
109) 1,2,4-Trichlorobenzene	14.724	180	1453374	174.613	ug/L	99
110) Naphthalene	15.057	128	2135399	186.925	ug/L	100
111) 1,2,3-Trichlorobenzene	15.248	180	629713	151.567	ug/L	97

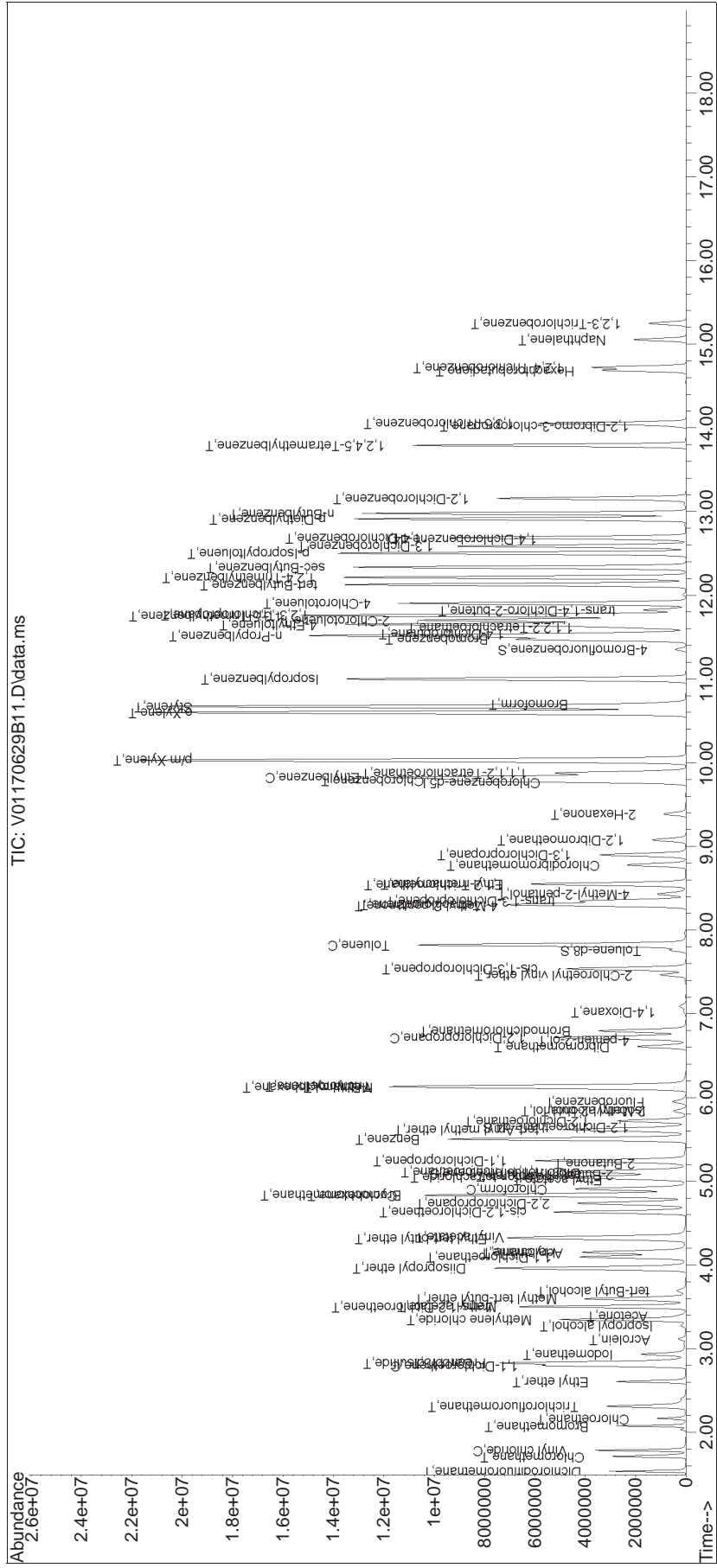
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2017\170629B\
 Data File : V01170629B11.D
 Acq On : 29 Jun 2017 22:46
 Operator : VOA101:PK
 Sample : I8260L10
 Misc : WG1018945,ICAL
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jun 30 15:08:36 2017
 Quant Method : I:\VOLATILES\VOA101\2017\170629B\VOA101_170629B_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Fri Jun 30 15:07:29 2017
 Response via : Initial Calibration

Sub List : 8260-CurveAlc - All compounds listed\V01170629B07.D•



Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2017\1QMethod : V101_170629B_8260.m
Data File : V01170629B11.D Operator : VOA101:PK
Date Inj'd : 6/29/2017 22:46 Instrument : VOA 101
Sample : I8260L10 Quant Date : 6/30/2017 3:08 pm

There are no manual integrations or false positives in this file.

Evaluate Continuing Calibration Report

Data Path : I:\VOLATILES\VOA101\2017\170629B\
 Data File : V01170629B18.D
 Acq On : 30 Jun 2017 2:05
 Operator : VOA101:PK
 Sample : C8260L3
 Misc : WG1018945,ICAL
 ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jun 30 16:43:11 2017
 Quant Method : I:\VOLATILES\VOA101\2017\170629B\V101_170629B_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Fri Jun 30 16:37:53 2017
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 200%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I Fluorobenzene	1.000	1.000	0.0	122	0.00
2 T Dichlorodifluoromethane	0.169	0.198	-17.2	142	0.00
3 T Chloromethane	0.268	0.314	-17.2	146	0.00
4 C Vinyl chloride	0.246	0.286	-16.3	142	0.00
5 T Bromomethane	* 10.000	9.129	8.7	133	0.00
6 T Chloroethane	0.139	0.159	-14.4	133	0.00
7 T Trichlorofluoromethane	0.291	0.307	-5.5	126	0.00
8 T Ethyl ether	0.079	0.084	-6.3	125	0.00
10 C 1,1-Dichloroethene	0.164	0.176	-7.3	129	0.00
11 T Carbon disulfide	0.493	0.378	23.3#	93	0.00
12 T Freon-113	0.153	0.186	-21.6#	144	0.00
13 T Iodomethane	* 10.000	6.369	36.3#	109	0.00
14 T Acrolein	0.023	0.019	17.4	99	0.00
15 T Methylene chloride	0.190	0.184	3.2	119	0.00
16 T Isopropyl alcohol	0.00690	0.00623	9.7	98	0.00
17 T Acetone	0.029	0.029	0.0	118	0.00
18 T trans-1,2-Dichloroethene	0.195	0.191	2.1	119	0.00
19 T Methyl acetate	0.074	0.082	-10.8	141	0.00
20 T Methyl tert-butyl ether	0.391	0.370	5.4	113	0.00
21 T tert-Butyl alcohol	0.00854	0.00926	-8.4	131	0.00
22 T Diisopropyl ether	0.829	0.826	0.4	118	0.00
23 T 1,1-Dichloroethane	0.462	0.442	4.3	115	0.00
24 T Halothane	0.137	0.138	-0.7	121	0.00
25 T Acrylonitrile	0.048	0.043	10.4	110	0.00
26 T Ethyl tert-butyl ether	0.624	0.621	0.5	118	0.00
27 T Vinyl acetate	* 10.000	8.525	14.7	102	0.00
28 T cis-1,2-Dichloroethene	0.214	0.209	2.3	118	0.00
29 T 2,2-Dichloropropane	0.303	0.271	10.6	108	0.00
30 T Bromochloromethane	0.079	0.079	0.0	114	0.00
31 T Cyclohexane	0.488	0.556	-13.9	134	0.00
32 C Chloroform	0.357	0.338	5.3	114	0.00
33 T Ethyl acetate	0.116	0.120	-3.4	117	0.00
34 T Carbon tetrachloride	0.274	0.261	4.7	115	0.00
35 T Tetrahydrofuran	0.044	0.043	2.3	111	0.00
36 S Dibromofluoromethane	0.232	0.230	0.9	122	0.00
37 T 1,1,1-Trichloroethane	0.324	0.309	4.6	114	0.00
38 T 2-Butanol	0.00889	0.00735	17.3	88	0.00
39 T 2-Butanone	0.053	0.043	18.9	91	0.00
40 T 1,1-Dichloropropene	0.307	0.305	0.7	117	0.00

Evaluate Continuing Calibration Report

Data Path : I:\VOLATILES\VOA101\2017\170629B\
 Data File : V01170629B18.D
 Acq On : 30 Jun 2017 2:05
 Operator : VOA101:PK
 Sample : C8260L3
 Misc : WG1018945,ICAL
 ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jun 30 16:43:11 2017
 Quant Method : I:\VOLATILES\VOA101\2017\170629B\V101_170629B_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Fri Jun 30 16:37:53 2017
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 200%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41 T Benzene	0.870	0.854	1.8	118	0.00
42 T tert-Amyl methyl ether	0.416	0.412	1.0	116	0.00
43 S 1,2-Dichloroethane-d4	0.268	0.273	-1.9	126	0.00
44 T 1,2-Dichloroethane	0.252	0.226	10.3	105	0.00
45 T Isobutyl alcohol	* 50.000	50.602	-1.2	97	0.00
46 T 2-Methyl-2-butanol	* 50.000	47.193	5.6	92	0.00
47 T Methyl cyclohexane	0.338	0.395	-16.9	134	0.00
48 T Trichloroethene	0.219	0.215	1.8	116	0.00
49 T n-Butanol	0.023	0.027	-17.4	133	0.00
50 T Dibromomethane	0.087	0.085	2.3	111	0.00
51 C 1,2-Dichloropropane	0.261	0.257	1.5	114	0.00
52 T 4-penten-2-ol	* 50.000	42.962	14.1	95	0.00
53 T 2-Chloroethyl vinyl ether	* 10.000	7.018	29.8#	83	0.00
54 T Bromodichloromethane	0.254	0.231	9.1	106	0.00
57 T 1,4-Dioxane	0.00084	0.00083	1.2	112	0.00
58 T cis-1,3-Dichloropropene	0.300	0.289	3.7	112	0.00
59 I Chlorobenzene-d5	1.000	1.000	0.0	118	0.00
60 S Toluene-d8	1.338	1.347	-0.7	120	0.00
61 C Toluene	0.742	0.738	0.5	115	0.00
62 T 4-Methyl-2-pentanone	0.065	0.066	-1.5	119	0.00
63 T Tetrachloroethene	0.286	0.283	1.0	112	0.00
65 T trans-1,3-Dichloropropene	* 10.000	8.467	15.3	106	0.00
66 T 4-Methyl-2-pentanol	0.033	0.026	21.2#	83	0.00
67 T Ethyl methacrylate	* 10.000	8.918	10.8	116	0.00
68 T 1,1,2-Trichloroethane	0.150	0.150	0.0	113	0.00
69 T Chlorodibromomethane	0.197	0.193	2.0	113	0.00
70 T 1,3-Dichloropropane	0.330	0.328	0.6	112	0.00
71 T 1,2-Dibromoethane	0.154	0.160	-3.9	113	0.00
72 T 2-Hexanone	0.100	0.098	2.0	118	0.00
73 T Chlorobenzene	0.815	0.780	4.3	111	0.00
74 C Ethylbenzene	1.463	1.467	-0.3	115	0.00
75 T 1,1,1,2-Tetrachloroethane	0.251	0.252	-0.4	116	0.00
76 T p/m Xylene	0.567	0.561	1.1	111	0.00
77 T o Xylene	0.519	0.543	-4.6	117	0.00
78 T Styrene	0.819	0.865	-5.6	116	0.00
79 I 1,4-Dichlorobenzene-d4	1.000	1.000	0.0	112	0.00
80 T Bromoform	0.193	0.190	1.6	110	0.00

Evaluate Continuing Calibration Report

Data Path : I:\VOLATILES\VOA101\2017\170629B\
 Data File : V01170629B18.D
 Acq On : 30 Jun 2017 2:05
 Operator : VOA101:PK
 Sample : C8260L3
 Misc : WG1018945,ICAL
 ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jun 30 16:43:11 2017
 Quant Method : I:\VOLATILES\VOA101\2017\170629B\V101_170629B_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Fri Jun 30 16:37:53 2017
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
82 T	Isopropylbenzene	3.070	2.951	3.9	108	0.00
83 S	4-Bromofluorobenzene	1.008	1.023	-1.5	117	0.00
84 T	Bromobenzene	0.560	0.555	0.9	111	0.00
85 T	n-Propylbenzene	3.621	3.476	4.0	108	0.00
86 T	1,4-Dichlorobutane	0.830	0.856	-3.1	111	0.00
87 T	1,1,2,2-Tetrachloroethane	0.355	0.370	-4.2	110	0.00
88 T	4-Ethyltoluene	2.859	3.116	-9.0	122	0.00
89 T	2-Chlorotoluene	2.057	2.030	1.3	110	0.00
90 T	1,3,5-Trimethylbenzene	2.397	2.379	0.8	110	0.00
91 T	1,2,3-Trichloropropane	0.307	0.325	-5.9	120	0.00
92 T	trans-1,4-Dichloro-2-butene	0.108	0.098	9.3	97	0.00
93 T	4-Chlorotoluene	2.083	2.015	3.3	107	0.00
94 T	tert-Butylbenzene	2.047	2.017	1.5	110	0.00
97 T	1,2,4-Trimethylbenzene	2.375	2.397	-0.9	111	0.00
98 T	sec-Butylbenzene	2.935	2.993	-2.0	113	0.00
99 T	p-Isopropyltoluene	2.427	2.394	1.4	109	0.00
100 T	1,3-Dichlorobenzene	1.151	1.125	2.3	108	0.00
101 T	1,4-Dichlorobenzene	1.174	1.109	5.5	105	0.00
102 T	p-Diethylbenzene	1.339	1.375	-2.7	113	0.00
103 T	n-Butylbenzene	2.112	2.108	0.2	110	0.00
104 T	1,2-Dichlorobenzene	0.955	0.938	1.8	106	0.00
105 T	1,2,4,5-Tetramethylbenzene	1.688	1.787	-5.9	117	0.00
106 T	1,2-Dibromo-3-chloropropane	0.034	0.030	11.8	102	0.00
107 T	1,3,5-Trichlorobenzene	0.556	0.566	-1.8	112	0.00
108 T	Hexachlorobutadiene	0.175	0.177	-1.1	117	0.00
109 T	1,2,4-Trichlorobenzene	0.349	0.341	2.3	107	0.00
110 T	Naphthalene	0.500	0.509	-1.8	111	0.00
111 T	1,2,3-Trichlorobenzene	0.164	0.167	-1.8	112	0.00

* Evaluation of CC level amount vs concentration.
 (#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2017\170629B\
 Data File : V01170629B18.D
 Acq On : 30 Jun 2017 2:05
 Operator : VOA101:PK
 Sample : C8260L3
 Misc : WG1018945,ICAL
 ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jun 30 16:43:11 2017
 Quant Method : I:\VOLATILES\VOA101\2017\170629B\V101_170629B_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Fri Jun 30 16:37:53 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2017\170629B\V01170629B07.D
 Sub List : 8260-CurveAlc - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	

Internal Standards							
1) Fluorobenzene	5.955	96	472499	10.000	ug/L	0.00	
Standard Area 1 = 387479			Recovery = 121.94%				
59) Chlorobenzene-d5	9.759	117	343196	10.000	ug/L	0.00	
Standard Area 1 = 289906			Recovery = 118.38%				
79) 1,4-Dichlorobenzene-d4	12.672	152	171344	10.000	ug/L	0.00	
Standard Area 1 = 152823			Recovery = 112.12%				
System Monitoring Compounds							
36) Dibromofluoromethane	5.099	113	108822	9.945	ug/L	0.00	
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.45%				
43) 1,2-Dichloroethane-d4	5.655	65	129228	10.190	ug/L	0.00	
Spiked Amount 10.000	Range 70 - 130		Recovery = 101.90%				
60) Toluene-d8	7.762	98	462399	10.072	ug/L	0.00	
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.72%				
83) 4-Bromofluorobenzene	11.352	95	175273	10.149	ug/L	0.00	
Spiked Amount 10.000	Range 70 - 130		Recovery = 101.49%				
Target Compounds							
							Qvalue
2) Dichlorodifluoromethane	1.541	85	93535	11.711	ug/L		98
3) Chloromethane	1.716	50	148423	11.725	ug/L		98
4) Vinyl chloride	1.787	62	134928	11.620	ug/L		96
5) Bromomethane	2.081	94	32194	9.129	ug/L		98
6) Chloroethane	2.191	64	74960	11.380	ug/L		93
7) Trichlorofluoromethane	2.327	101	144893	10.538	ug/L		100
8) Ethyl ether	2.611	74	39463	10.632	ug/L #		61
10) 1,1-Dichloroethene	2.807	96	83283	10.777	ug/L #		67
11) Carbon disulfide	2.834	76	178600	7.675	ug/L		99
12) Freon-113	2.840	101	88023	12.188	ug/L #		31
13) Iodomethane	2.938	142	52934M1	6.369	ug/L		
14) Acrolein	3.124	56	8762M1	8.005	ug/L		
15) Methylene chloride	3.353	84	87165	9.707	ug/L #		72
16) Isopropyl alcohol	3.276	45	14711	45.133	ug/L #		80
17) Acetone	3.402	43	13556M1	9.791	ug/L		
18) trans-1,2-Dichloroethene	3.511	96	90153	9.787	ug/L #		73
19) Methyl acetate	3.517	43	38828	11.036	ug/L #		90
20) Methyl tert-butyl ether	3.598	73	175016	9.472	ug/L #		89
21) tert-Butyl alcohol	3.697	59	21886	54.242	ug/L		91
22) Diisopropyl ether	3.964	45	390182	9.958	ug/L		91
23) 1,1-Dichloroethane	4.100	63	208687	9.564	ug/L		97

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2017\170629B\
 Data File : V01170629B18.D
 Acq On : 30 Jun 2017 2:05
 Operator : VOA101:PK
 Sample : C8260L3
 Misc : WG1018945,ICAL
 ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jun 30 16:43:11 2017
 Quant Method : I:\VOLATILES\VOA101\2017\170629B\V101_170629B_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Fri Jun 30 16:37:53 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2017\170629B\V01170629B07.D
 Sub List : 8260-CurveAlc - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
24) Halothane	4.155	117	65398	10.082	ug/L	100
25) Acrylonitrile	4.160	53	20377	8.915	ug/L	93
26) Ethyl tert-butyl ether	4.324	59	293449	9.952	ug/L	87
27) Vinyl acetate	4.346	43	149410	8.525	ug/L #	94
28) cis-1,2-Dichloroethene	4.635	96	98822	9.751	ug/L #	77
29) 2,2-Dichloropropane	4.739	77	127838	8.925	ug/L	96
30) Bromochloromethane	4.837	128	37293	10.021	ug/L #	75
31) Cyclohexane	4.837	56	262896	11.402	ug/L	73
32) Chloroform	4.913	83	159810	9.479	ug/L	99
33) Ethyl acetate	5.033	43	56723	10.322	ug/L #	93
34) Carbon tetrachloride	5.050	117	123216	9.508	ug/L	99
35) Tetrahydrofuran	5.072	42	20477	9.949	ug/L	89
37) 1,1,1-Trichloroethane	5.121	97	146200	9.563	ug/L	93
38) 2-Butanol	5.093	45	17359	41.328	ug/L #	24
39) 2-Butanone	5.224	43	20254	8.049	ug/L	99
40) 1,1-Dichloropropene	5.246	75	144313	9.962	ug/L	99
41) Benzene	5.508	78	403364	9.816	ug/L #	91
42) tert-Amyl methyl ether	5.617	73	194633	9.908	ug/L #	87
44) 1,2-Dichloroethane	5.726	62	106577	8.954	ug/L	97
45) Isobutyl alcohol	5.841	43	7158M1	50.602	ug/L	
46) 2-Methyl-2-butanol	5.841	59	18049	47.193	ug/L #	81
47) Methyl cyclohexane	6.125	83	186584	11.687	ug/L #	66
48) Trichloroethene	6.141	95	101403	9.780	ug/L	94
49) n-Butanol	6.125	56	64531	58.517	ug/L #	70
50) Dibromomethane	6.616	93	40013	9.737	ug/L	96
51) 1,2-Dichloropropane	6.719	63	121324	9.822	ug/L #	92
52) 4-penten-2-ol	6.714	45	10486M1	42.962	ug/L	
53) 2-Chloroethyl vinyl ether	7.478	63	14455M1	7.018	ug/L	
54) Bromodichloromethane	6.801	83	109233	9.088	ug/L	99
57) 1,4-Dioxane	7.025	88	19491	493.856	ug/L #	74
58) cis-1,3-Dichloropropene	7.543	75	136665	9.637	ug/L	97
61) Toluene	7.822	92	253256	9.950	ug/L	97
62) 4-Methyl-2-pentanone	8.302	58	22654	10.137	ug/L #	87
63) Tetrachloroethene	8.307	166	97271	9.893	ug/L	95
65) trans-1,3-Dichloropropene	8.351	75	100704	8.467	ug/L	93
66) 4-Methyl-2-pentanol	8.438	45	43864	39.041	ug/L #	93
67) Ethyl methacrylate	8.553	69	74477	8.918	ug/L	95
68) 1,1,2-Trichloroethane	8.553	83	51629	10.041	ug/L	94
69) Chlorodibromomethane	8.782	129	66292	9.816	ug/L	96
70) 1,3-Dichloropropane	8.902	76	112595	9.940	ug/L	99

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2017\170629B\
 Data File : V01170629B18.D
 Acq On : 30 Jun 2017 2:05
 Operator : VOA101:PK
 Sample : C8260L3
 Misc : WG1018945,ICAL
 ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jun 30 16:43:11 2017
 Quant Method : I:\VOLATILES\VOA101\2017\170629B\V101_170629B_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Fri Jun 30 16:37:53 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2017\170629B\V01170629B07.D
 Sub List : 8260-CurveAlc - All compounds listed

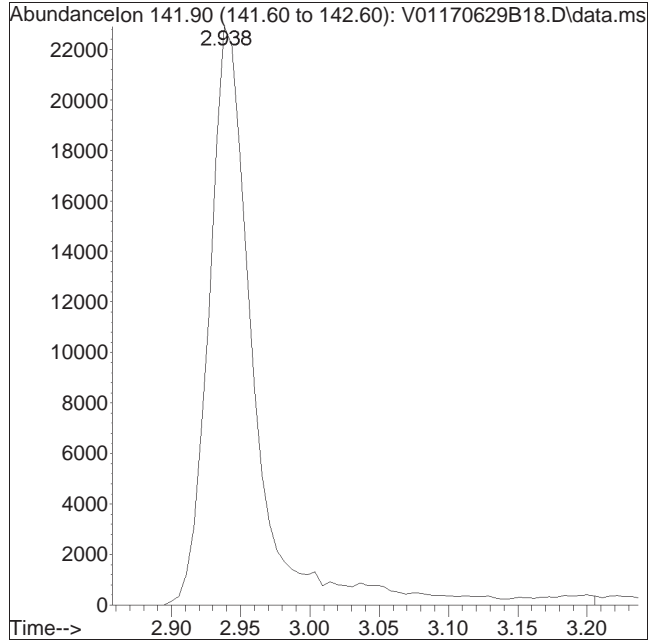
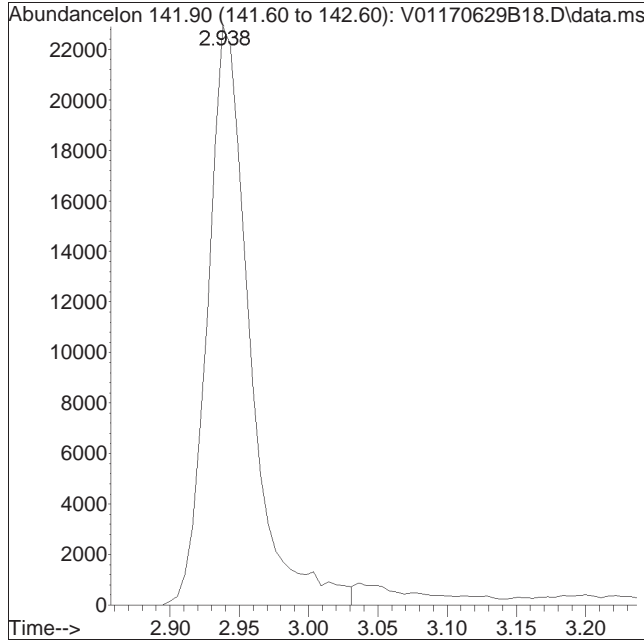
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
71) 1,2-Dibromoethane	9.082	107	54798	10.368	ug/L	100
72) 2-Hexanone	9.404	43	33775	9.836	ug/L	95
73) Chlorobenzene	9.786	112	267526	9.569	ug/L	99
74) Ethylbenzene	9.824	91	503386	10.022	ug/L	97
75) 1,1,1,2-Tetrachloroethane	9.873	131	86523	10.025	ug/L	99
76) p/m Xylene	10.026	106	385357	19.813	ug/L	87
77) o Xylene	10.593	106	372542	20.901	ug/L	88
78) Styrene	10.670	104	593996	21.145	ug/L	96
80) Bromoform	10.697	173	32566	9.851	ug/L	99
82) Isopropylbenzene	10.997	105	505595	9.612	ug/L	100
84) Bromobenzene	11.477	156	95096	9.918	ug/L	98
85) n-Propylbenzene	11.516	91	595558	9.598	ug/L	96
86) 1,4-Dichlorobutane	11.543	55	146626	10.307	ug/L	91
87) 1,1,2,2-Tetrachloroethane	11.619	83	63399	10.414	ug/L	99
88) 4-Ethyltoluene	11.652	105	533989	10.901	ug/L	100
89) 2-Chlorotoluene	11.701	91	347748M1	9.864	ug/L	
90) 1,3,5-Trimethylbenzene	11.756	105	407561	9.923	ug/L	97
91) 1,2,3-Trichloropropane	11.767	75	55765M1	10.615	ug/L	
92) trans-1,4-Dichloro-2-b...	11.827	53	16710M1	9.029	ug/L	
93) 4-Chlorotoluene	11.897	91	345343	9.676	ug/L	94
94) tert-Butylbenzene	12.127	119	345611	9.854	ug/L	91
97) 1,2,4-Trimethylbenzene	12.214	105	410796	10.096	ug/L	98
98) sec-Butylbenzene	12.334	105	512859	10.196	ug/L	98
99) p-Isopropyltoluene	12.498	119	410140	9.865	ug/L	96
100) 1,3-Dichlorobenzene	12.590	146	192811	9.778	ug/L	99
101) 1,4-Dichlorobenzene	12.689	146	190079	9.448	ug/L	99
102) p-Diethylbenzene	12.912	119	235665	10.270	ug/L	97
103) n-Butylbenzene	12.978	91	361108	9.978	ug/L	98
104) 1,2-Dichlorobenzene	13.158	146	160719	9.823	ug/L	99
105) 1,2,4,5-Tetramethylben...	13.791	119	306145	10.582	ug/L	94
106) 1,2-Dibromo-3-chloropr...	14.025	155	5216	8.909	ug/L	94
107) 1,3,5-Trichlorobenzene	14.058	180	97063	10.184	ug/L	95
108) Hexachlorobutadiene	14.691	225	30372	10.118	ug/L	96
109) 1,2,4-Trichlorobenzene	14.729	180	58494	9.774	ug/L	98
110) Naphthalene	15.062	128	87152	10.175	ug/L	100
111) 1,2,3-Trichlorobenzene	15.253	180	28532	10.153	ug/L	98

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

Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2017\1QMethod : V101_170629B_8260.m
Data File : V01170629B18.D Operator : VOA101:PK
Date Inj'd : 6/30/2017 2:05 Instrument : VOA 101
Sample : C8260L3 Quant Date : 6/30/2017 4:40 pm

Compound #13: Iodomethane



Original Peak Response = 48557

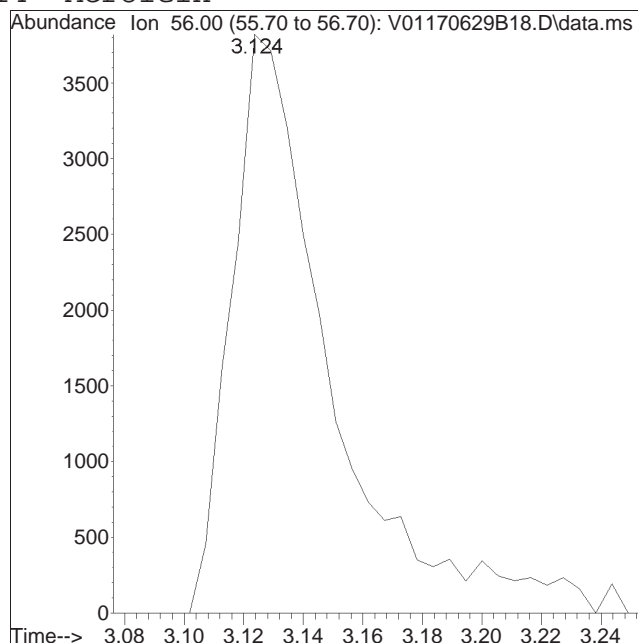
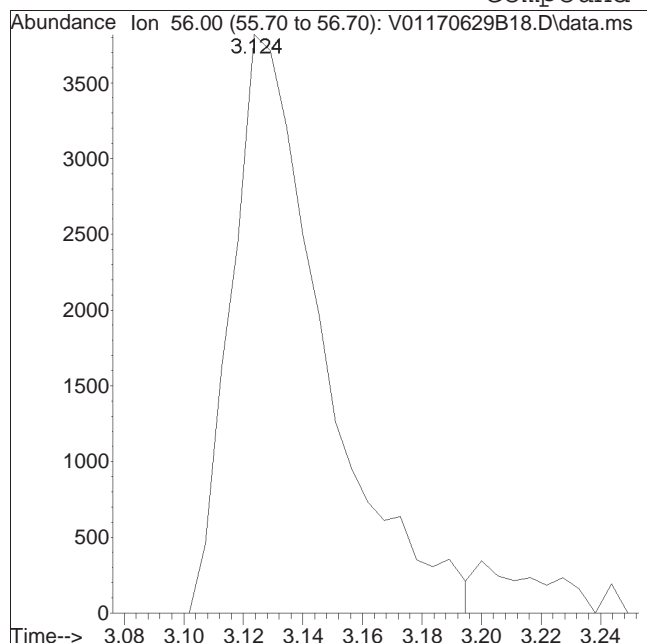
Manual Peak Response = 52934 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2017\1QMethod : V101_170629B_8260.m
Data File : V01170629B18.D Operator : VOA101:PK
Date Inj'd : 6/30/2017 2:05 Instrument : VOA 101
Sample : C8260L3 Quant Date : 6/30/2017 4:40 pm

Compound #14: Acrolein



Original Peak Response = 8234

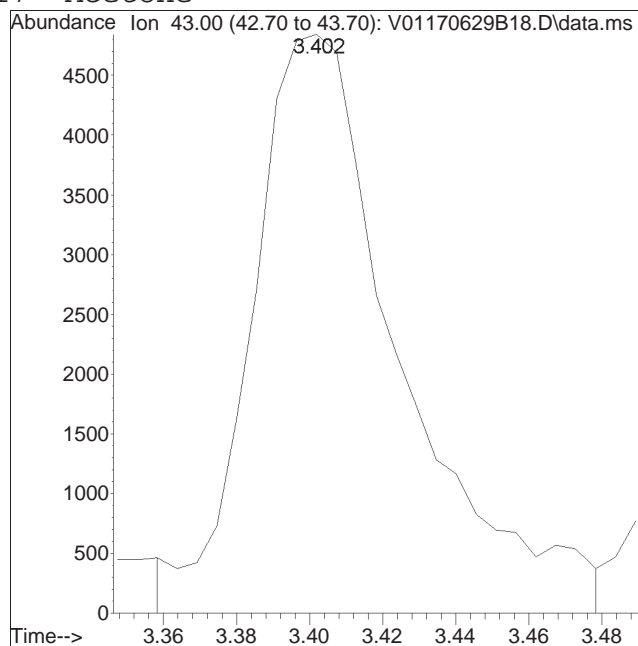
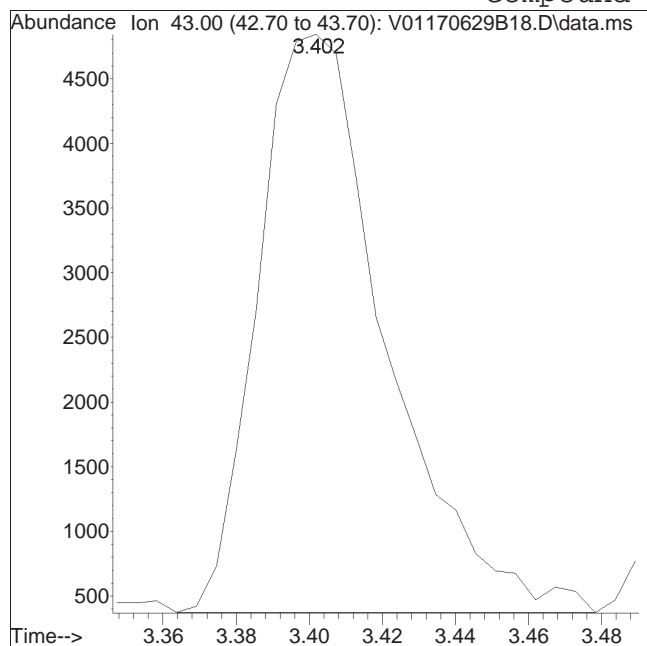
Manual Peak Response = 8762 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2017\1QMethod : V101_170629B_8260.m
Data File : V01170629B18.D Operator : VOA101:PK
Date Inj'd : 6/30/2017 2:05 Instrument : VOA 101
Sample : C8260L3 Quant Date : 6/30/2017 4:40 pm

Compound #17: Acetone



Original Peak Response = 10877

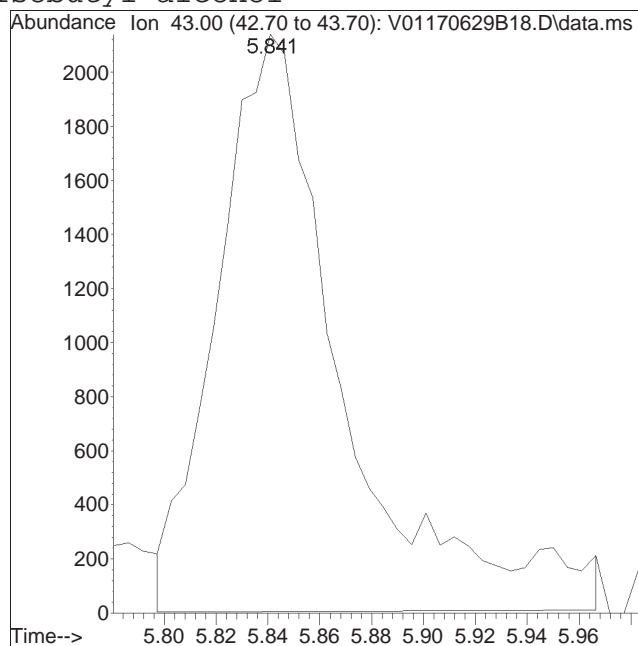
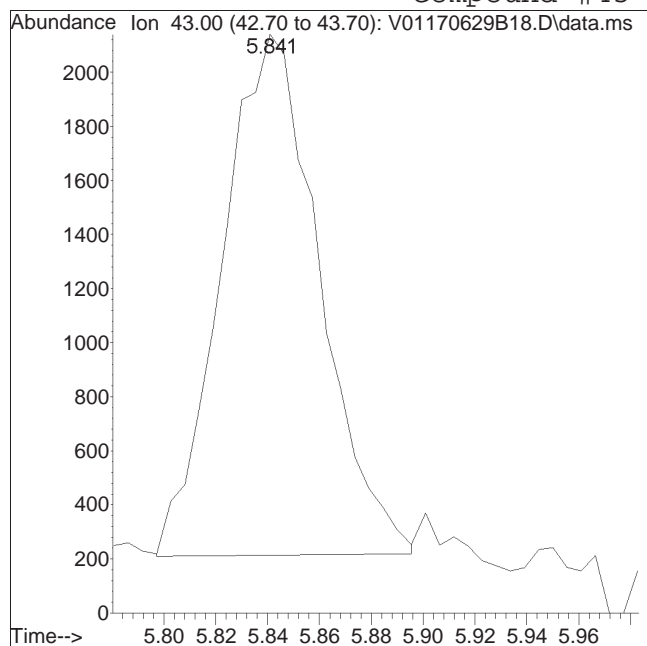
Manual Peak Response = 13556 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2017\1QMethod : V101_170629B_8260.m
Data File : V01170629B18.D Operator : VOA101:PK
Date Inj'd : 6/30/2017 2:05 Instrument : VOA 101
Sample : C8260L3 Quant Date : 6/30/2017 4:40 pm

Compound #45: Isobutyl alcohol



Original Peak Response = 5035

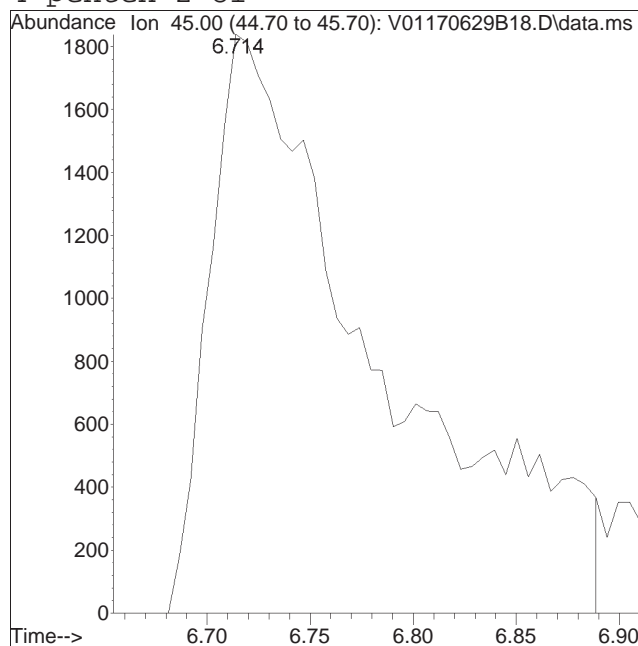
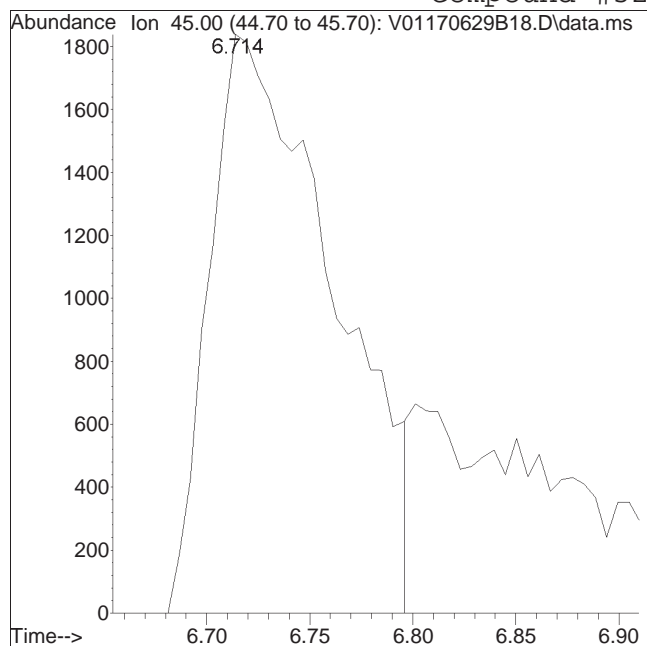
Manual Peak Response = 7158 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2017\1QMethod : V101_170629B_8260.m
Data File : V01170629B18.D Operator : VOA101:PK
Date Inj'd : 6/30/2017 2:05 Instrument : VOA 101
Sample : C8260L3 Quant Date : 6/30/2017 4:40 pm

Compound #52: 4-penten-2-ol



Original Peak Response = 7738

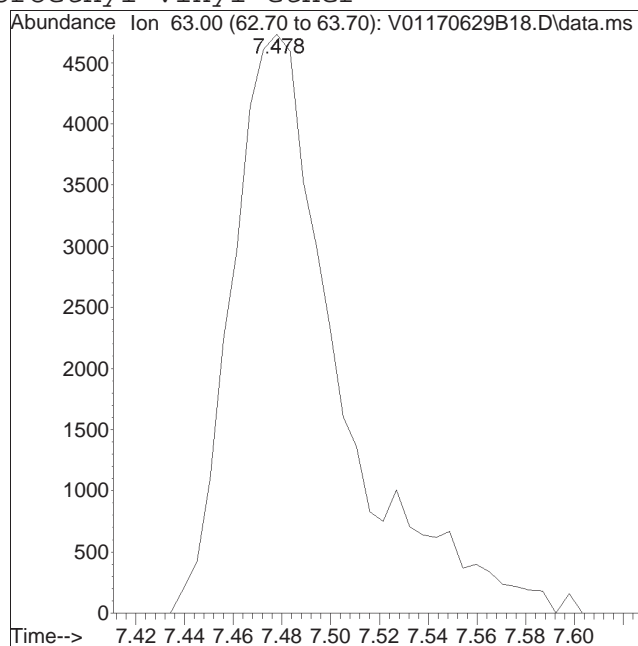
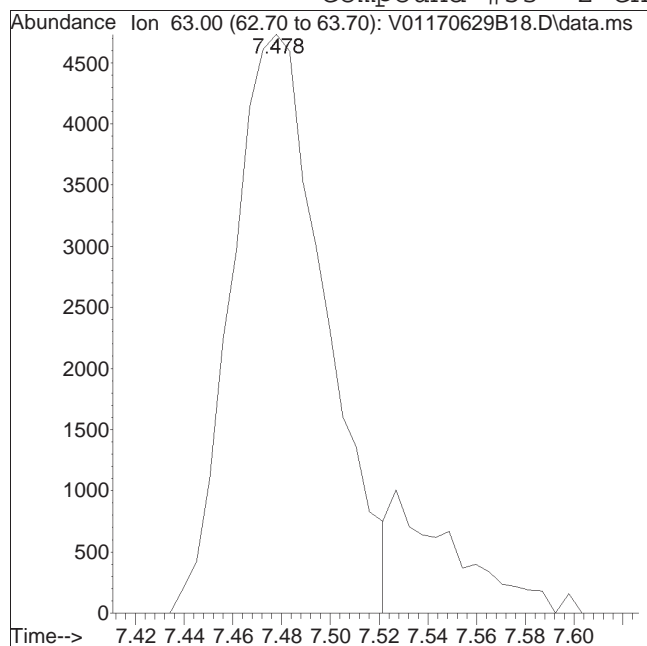
Manual Peak Response = 10486 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2017\1QMethod : V101_170629B_8260.m
Data File : V01170629B18.D Operator : VOA101:PK
Date Inj'd : 6/30/2017 2:05 Instrument : VOA 101
Sample : C8260L3 Quant Date : 6/30/2017 4:40 pm

Compound #53: 2-Chloroethyl vinyl ether



Original Peak Response = 12581

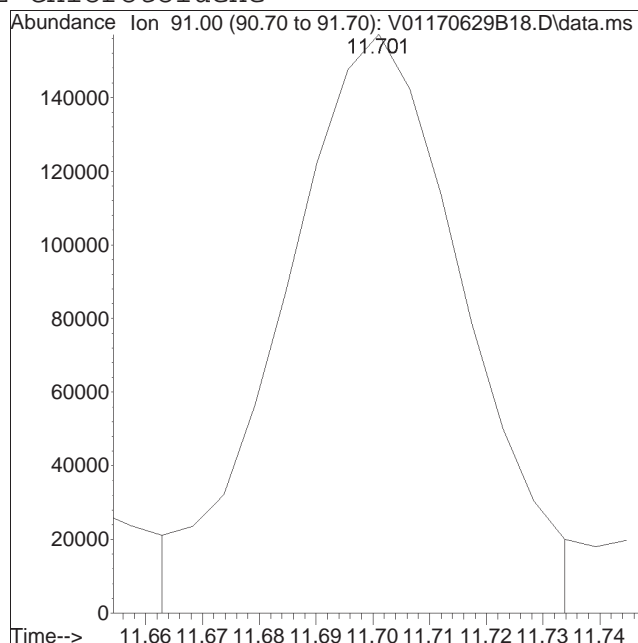
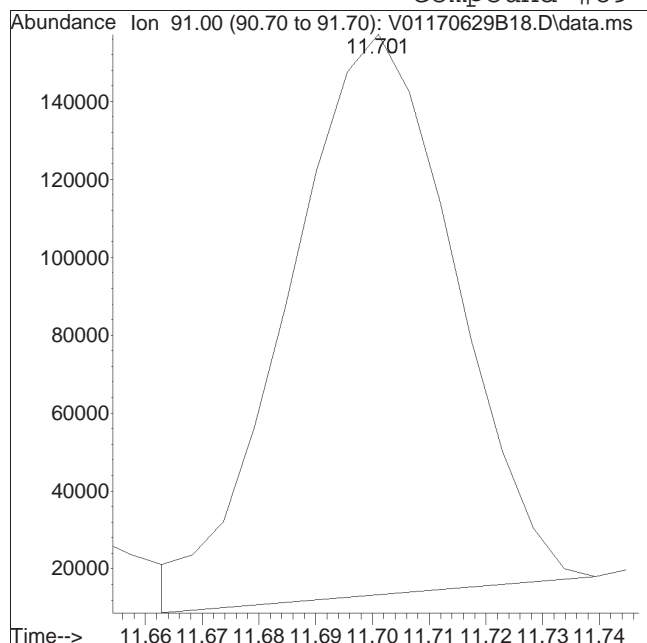
Manual Peak Response = 14455 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2017\1QMethod : V101_170629B_8260.m
Data File : V01170629B18.D Operator : VOA101:PK
Date Inj'd : 6/30/2017 2:05 Instrument : VOA 101
Sample : C8260L3 Quant Date : 6/30/2017 4:40 pm

Compound #89: 2-Chlorotoluene



Original Peak Response = 292326

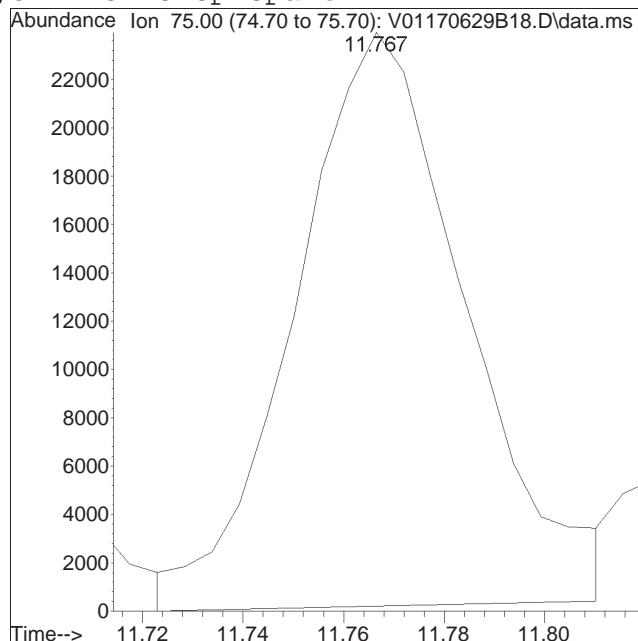
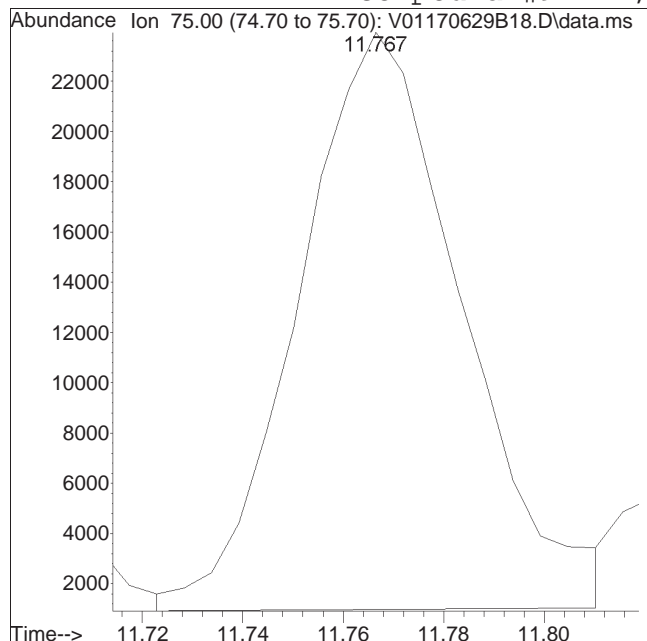
Manual Peak Response = 347748 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2017\1QMethod : V101_170629B_8260.m
Data File : V01170629B18.D Operator : VOA101:PK
Date Inj'd : 6/30/2017 2:05 Instrument : VOA 101
Sample : C8260L3 Quant Date : 6/30/2017 4:40 pm

Compound #91: 1,2,3-Trichloropropane



Original Peak Response = 51690

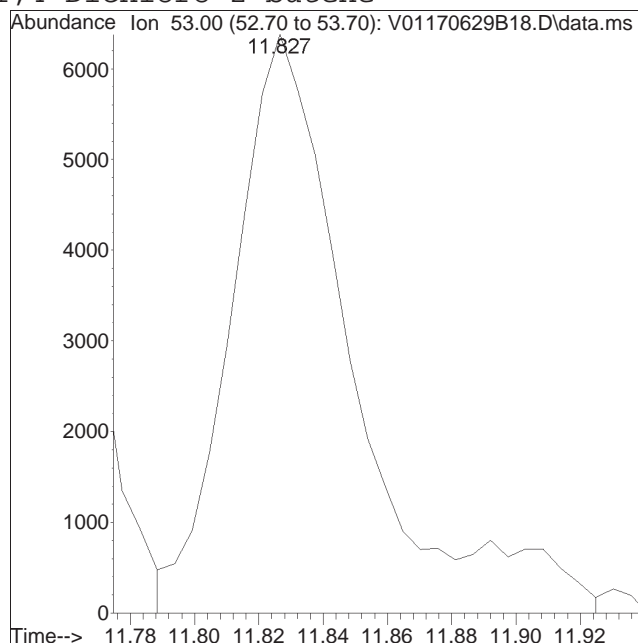
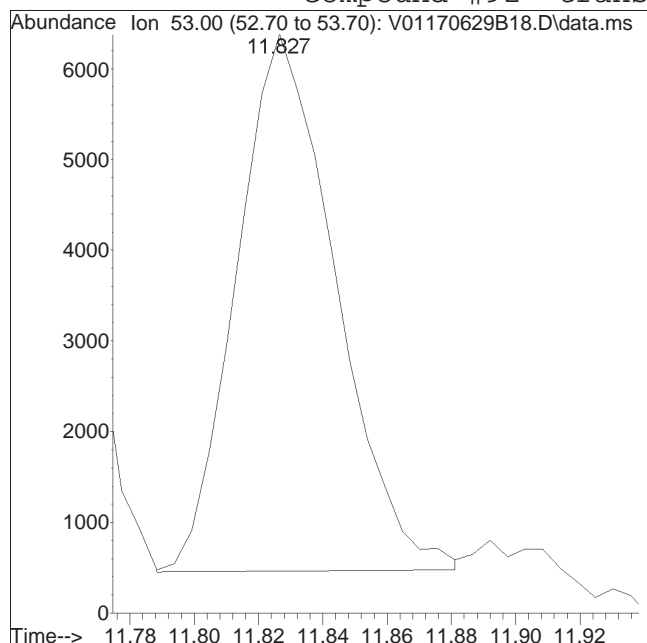
Manual Peak Response = 55765 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2017\1QMethod : V101_170629B_8260.m
Data File : V01170629B18.D Operator : VOA101:PK
Date Inj'd : 6/30/2017 2:05 Instrument : VOA 101
Sample : C8260L3 Quant Date : 6/30/2017 4:40 pm

Compound #92: trans-1,4-Dichloro-2-butene



Original Peak Response = 12652

Manual Peak Response = 16710 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Response Factor Report VOA 104

Method Path : I:\VOLATILES\VOA104\2017\170517ICAL\
 Method File : V104_170517_8260.m
 Title : VOLATILES BY GC/MS
 Last Update : Thu May 18 06:45:13 2017
 Response Via : Initial Calibration

Calibration Files

L1 =V04170517I03.D L2 =V04170517I05.D L3 =V04170517I07.D L4 =V04170517I08.D L5 =V04170517I09.D
 L6 =V04170517I10.D L7 =V04170517I11.D L8 =V04170517I12.D

Compound	L1	L2	L3	L4	L5	L6	L7	L8	Avg	%RSD
1) I Fluorobenzene	0.270	0.288	0.278	0.280	0.275	0.262	0.300	0.265	0.277	4.53
2) T Dichlorodifluo...	0.555	0.515	0.439	0.419	0.413	0.388	0.429	0.393	0.444	13.41
3) T Chloromethane	0.323	0.371	0.324	0.320	0.319	0.300	0.348	0.311	0.327	6.81
4) C Vinyl chloride	0.275	0.254	0.179	0.189	0.183	0.178	0.210	0.195	*L	0.9960
5) T Bromomethane	0.210	0.222	0.182	0.176	0.169	0.145			0.184	15.15
6) T Chloroethane	0.399	0.456	0.426	0.431	0.427	0.404	0.449	0.388	0.422	5.69
7) T Trichlorofluor...	0.141	0.150	0.143	0.144	0.136	0.133	0.141	0.134	0.140	4.00
8) T Ethyl ether	0.268	0.289	0.264	0.271	0.271	0.251	0.290	0.254	0.270	5.25
10) C 1,1-Dichloroet...	1.454	1.252	1.166	1.221	1.209	1.001	0.936	1.177	14.47	
11) T Carbon disulfide	0.242	0.264	0.260	0.255	0.246	0.234	0.266	0.233	0.250	5.28
12) T Freon-113	0.033	0.043	0.049	0.053	0.052	0.049	0.053	0.052	0.048	14.48
14) T Acrolein	0.406	0.377	0.326	0.322	0.319	0.295	0.321	0.307	0.334	11.28
15) T Methylene chlo...	0.092	0.072	0.067	0.067	0.061	0.059	0.061	0.061	0.068	17.25
17) T Acetone	0.317	0.339	0.303	0.304	0.298	0.275	0.313	0.282	0.304	6.56
18) T trans-1,2-Dich...	0.204	0.186	0.193	0.181	0.178	0.167	0.184	0.173	0.183	6.20
19) T Methyl acetate	0.793	0.843	0.825	0.819	0.813	0.769	0.831	0.795	0.811	2.94
20) T Methyl tert-bu...	0.029	0.030	0.031	0.030	0.031	0.030	0.031	0.031	0.030	2.45
21) T tert-Butyl alc...	1.147	1.242	1.173	1.151	1.149	1.066	1.144	1.094	1.146	4.57
22) T Diisopropyl ether	0.657	0.687	0.605	0.583	0.585	0.540	0.611	0.566	0.604	7.93
23) T 1,1-Dichloroet...	0.227	0.258	0.231	0.230	0.231	0.207	0.245	0.225	0.232	6.33
24) T Halothane	0.061	0.089	0.102	0.098	0.096	0.093	0.101	0.097	0.092	14.37
25) T Acrylonitrile	1.042	1.114	1.053	1.025	1.048	0.953	1.042	0.992	1.034	4.56
26) T Ethyl tert-but...	0.502	0.592	0.683	0.685	0.677	0.638	0.691	0.661	0.641	10.18
27) T Vinyl acetate	0.376	0.377	0.327	0.322	0.328	0.299	0.334	0.309	0.334	8.60
28) T cis-1,2-Dichlo...	0.482	0.492	0.439	0.426	0.433	0.396	0.461	0.418	0.443	7.41
29) T 2,2-Dichloropr...	0.168	0.185	0.176	0.173	0.164	0.156	0.165	0.155	0.168	6.11
30) T Bromochloromet...	0.491	0.534	0.517	0.519	0.499	0.468	0.521	0.462	0.501	5.23
31) T Cyclohexane	0.584	0.610	0.548	0.537	0.530	0.513	0.547	0.514	0.548	6.20
32) C Chloroform	0.253	0.264	0.283	0.286	0.286	0.268	0.271	0.260	0.272	4.58
33) T Ethyl acetate	0.317	0.402	0.401	0.415	0.426	0.393	0.442	0.401	0.400	9.22
34) T Carbon tetrach...										

Response Factor Report VOA 104

Method Path : I:\VOLATILES\VOA104\2017\170517ICAL\
 Method File : V104_170517_8260.m
 Title : VOLATILES BY GC/MS
 Last Update : Thu May 18 06:45:13 2017
 Response Via : Initial Calibration

Calibration Files

L1 =V04170517I03.D L2 =V04170517I05.D L3 =V04170517I07.D L4 =V04170517I08.D L5 =V04170517I09.D
 L6 =V04170517I10.D L7 =V04170517I11.D L8 =V04170517I12.D

Compound	L1	L2	L3	L4	L5	L6	L7	L8	Avg	%RSD
35) T Tetrahydrofuran	0.064	0.093	0.088	0.089	0.104	0.101	0.095	0.081	0.089	13.99
36) S Dibromofluorom...	0.279	0.281	0.285	0.288	0.282	0.281	0.280	0.276	0.281	1.31
37) T 1,1,1-Trichlor...	0.477	0.500	0.461	0.461	0.461	0.440	0.484	0.443	0.466	4.35
39) T 2-Butanone	0.117	0.133	0.132	0.109	0.113	0.108	0.114	0.112	0.117	8.22
40) T 1,1-Dichloropr...	0.397	0.425	0.397	0.374	0.372	0.344	0.398	0.359	0.383	6.78
41) T Benzene	1.399	1.262	1.111	1.093	1.085	1.020	1.155	1.040	1.146	11.06
42) T tert-Amyl meth...	0.786	0.792	0.775	0.760	0.751	0.770	0.770	0.738	0.768	2.32
43) S 1,2-Dichloroet...	0.254	0.267	0.258	0.259	0.250	0.255	0.258	0.262	0.258	2.05
44) T 1,2-Dichloroet...	0.443	0.429	0.420	0.410	0.407	0.402	0.418	0.396	0.416	3.64
47) T Methyl cyclohe...	0.417	0.413	0.396	0.401	0.397	0.371	0.425	0.379	0.400	4.59
48) T Trichloroethene	0.332	0.350	0.311	0.303	0.305	0.282	0.317	0.291	0.311	7.01
50) T Dibromomethane	0.186	0.182	0.187	0.186	0.185	0.175	0.189	0.181	0.184	2.39
51) C 1,2-Dichloropr...	0.322	0.360	0.339	0.334	0.333	0.308	0.342	0.321	0.332	4.72
53) T 2-Chloroethyl ...	0.037	0.047	0.047	0.047	0.044	0.046	0.049	0.049	0.045	9.29
54) T Bromodichlorom...	0.372	0.415	0.413	0.415	0.419	0.394	0.433	0.411	0.409	4.46
57) T 1,4-Dioxane	0.002	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	4.97
58) T cis-1,3-Dichlo...	0.464	0.511	0.499	0.496	0.504	0.470	0.531	0.505	0.497	4.35
-----ISTD-----										
59) I Chlorobenzene-d5	1.153	1.150	1.183	1.151	1.180	1.134	1.164	1.193	1.163	1.74
60) S Toluene-d8	0.911	0.956	0.868	0.845	0.857	0.820	0.870	0.827	0.869	5.18
61) C Toluene	0.117	0.132	0.130	0.130	0.130	0.132	0.132	0.128	0.129	4.18
62) T 4-Methyl-2-pen...	0.432	0.457	0.426	0.419	0.418	0.407	0.439	0.401	0.425	4.18
63) T Tetrachloroethene	0.409	0.475	0.510	0.508	0.518	0.518	0.543	0.521	0.500	8.26
65) T trans-1,3-Dich...	0.304	0.352	0.416	0.409	0.417	0.415	0.419	0.407	0.393	10.67
67) T Ethyl methacry...	0.251	0.265	0.272	0.261	0.264	0.261	0.265	0.253	0.262	2.63
68) T 1,1,2-Trichlor...	0.347	0.402	0.424	0.422	0.436	0.435	0.451	0.436	0.419	7.75
69) T Chlorodibromom...	0.496	0.506	0.517	0.504	0.510	0.504	0.515	0.497	0.506	1.51
70) T 1,3-Dichloropr...	0.300	0.328	0.348	0.339	0.344	0.343	0.352	0.343	0.337	4.91
71) T 1,2-Dibromoethane	0.158	0.189	0.216	0.219	0.224	0.227	0.228	0.226	0.211	11.85
72) T 2-Hexanone	1.126	1.141	1.059	1.040	1.054	1.030	1.070	1.006	1.066	4.33
73) T Chlorobenzene	1.767	1.799	1.665	1.627	1.645	1.597	1.692	1.576	1.671	4.69
74) C Ethylbenzene										

Response Factor Report VOA 104

Method Path : I:\VOLATILES\VOA104\2017\170517ICAL\
 Method File : V104_170517_8260.m
 Title : VOLATILES BY GC/MS
 Last Update : Thu May 18 06:45:13 2017
 Response Via : Initial Calibration

Calibration Files

L1 =V04170517I03.D L2 =V04170517I05.D L3 =V04170517I07.D L4 =V04170517I08.D L5 =V04170517I09.D
 L6 =V04170517I10.D L7 =V04170517I11.D L8 =V04170517I12.D

Compound	L1	L2	L3	L4	L5	L6	L7	L8	Avg	%RSD
75) T 1,1,1,2-Tetrac...	0.394	0.402	0.406	0.397	0.407	0.399	0.419	0.397	0.403	1.99
76) T p/m Xylene	0.742	0.734	0.684	0.661	0.667	0.648	0.667	0.611	0.677	6.39
77) T o Xylene	0.678	0.700	0.650	0.641	0.644	0.620	0.642	0.586	0.645	5.34
78) T Styrene	1.101	1.136	1.103	1.066	1.091	1.051	1.078	0.991	1.077	4.02
-----ISTD-----										
79) I 1,4-Dichlorobenzene-d4	0.421	0.476	0.498	0.510	0.547	0.522	0.571	0.539	0.510	9.15
80) T Bromoform	3.481	3.519	3.153	3.210	3.318	3.117	3.506	3.110	3.302	5.41
82) T Isopropylbenzene	0.886	0.869	0.860	0.871	0.885	0.865	0.911	0.882	0.879	1.86
83) S 4-Bromofluorob...	0.902	0.925	0.887	0.886	0.941	0.886	0.956	0.896	0.910	3.01
84) T Bromobenzene	3.775	3.985	3.572	3.505	3.681	3.464	3.905	3.423	3.664	5.70
85) T n-Propylbenzene	1.148	1.132	1.100	1.100	1.167	1.106	1.175	1.088	1.127	2.96
86) T 1,4-Dichlorobu...	0.756	0.718	0.728	0.720	0.766	0.712	0.769	0.732	0.738	3.07
87) T 1,1,2,2-Tetrac...	3.339	3.338	3.094	3.063	3.225	3.052	3.302	3.042	3.182	4.18
88) T 4-Ethyltoluene	2.353	2.433	2.135	2.142	2.248	2.066	2.348	2.083	2.226	6.26
89) T 2-Chlorotoluene	2.964	3.027	2.659	2.619	2.792	2.659	2.846	2.556	2.765	6.15
90) T 1,3,5-Trimethy...	0.568	0.567	0.542	0.519	0.543	0.537	0.553	0.512	0.543	3.74
91) T 1,2,3-Trichlor...	0.152	0.203	0.205	0.211	0.210	0.210	0.225	0.216	0.203	11.58
92) T trans-1,4-Dich...	2.360	2.365	2.169	2.118	2.272	2.120	2.394	2.138	2.242	5.31
93) T 4-Chlorotoluene	2.479	2.489	2.245	2.223	2.282	2.246	2.450	2.177	2.324	5.47
94) T tert-Butylbenzene	2.825	2.892	2.731	2.684	2.806	2.701	2.848	2.617	2.763	3.41
97) T 1,2,4-Trimethy...	3.701	3.731	3.384	3.302	3.414	3.346	3.534	3.212	3.453	5.41
98) T sec-Butylbenzene	3.132	3.146	2.859	2.925	2.980	2.821	3.063	2.843	2.971	4.38
99) T p-Isopropyltol...	1.700	1.765	1.614	1.627	1.723	1.618	1.700	1.574	1.665	3.95
100) T 1,3-Dichlorobe...	1.900	1.826	1.615	1.612	1.697	1.616	1.698	1.606	1.696	6.57
101) T 1,4-Dichlorobe...	1.782	1.870	1.669	1.733	1.763	1.653	1.810	1.648	1.741	4.60
102) T p-Diethylbenzene	2.721	2.762	2.501	2.551	2.593	2.479	2.688	2.429	2.591	4.72
103) T n-Butylbenzene	1.564	1.612	1.525	1.532	1.579	1.490	1.596	1.493	1.549	2.96
104) T 1,2-Dichlorobe...	2.969	2.897	2.736	2.811	2.911	2.729	3.003	2.746	2.850	3.83
105) T 1,2,4,5-Tetram...	0.113	0.118	0.124	0.124	0.132	0.129	0.139	0.133	0.127	7.27
106) T 1,2-Dibromo-3-...	1.243	1.318	1.205	1.234	1.255	1.164	1.297	1.153	1.234	4.74
107) T 1,3,5-Trichlor...	0.614	0.612	0.553	0.564	0.577	0.541	0.630	0.546	0.579	5.95
108) T Hexachlorobuta...										

Response Factor Report VOA 104

Method Path : I:\VOLATILES\VOA104\2017\170517ICAL\
 Method File : V104_170517_8260.m
 Title : VOLATILES BY GC/MS
 Last Update : Thu May 18 06:45:13 2017
 Response Via : Initial Calibration

Calibration Files

L1 =V04170517I03.D L2 =V04170517I05.D L3 =V04170517I07.D L4 =V04170517I08.D L5 =V04170517I09.D
 L6 =V04170517I10.D L7 =V04170517I11.D L8 =V04170517I12.D

Compound	L1	L2	L3	L4	L5	L6	L7	L8	Avg	%RSD
109) T 1,2,4-Trichlor...	1.148	1.170	1.109	1.140	1.197	1.092	1.208	1.087	1.144	4.02
110) T Naphthalene	2.553	2.323	2.405	2.431	2.550	2.372	2.602	2.437	2.459	4.01
111) T 1,2,3-Trichlor...	1.101	1.044	1.039	1.037	1.085	1.019	1.129	1.021	1.060	3.83

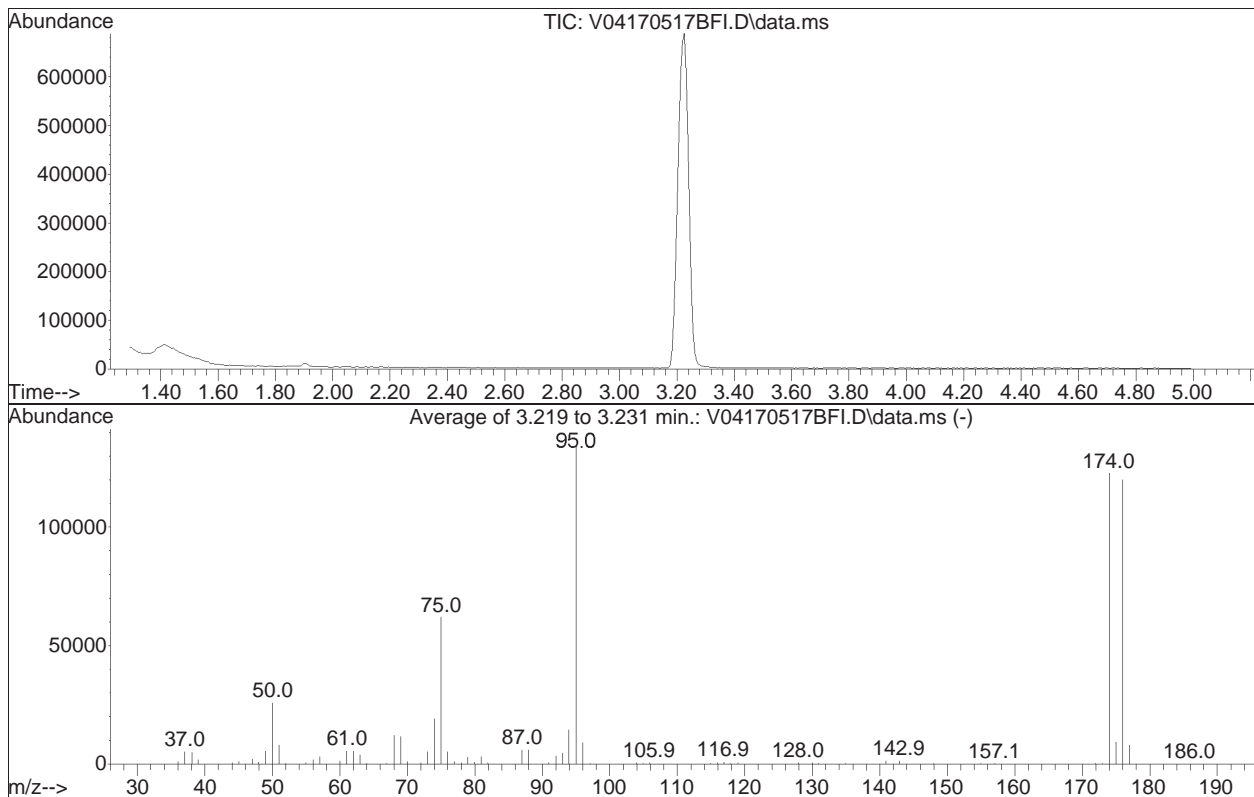
(#) = Out of Range

BFB

Data Path : I:\VOLATILES\VOA104\2017\170517ICAL\
 Data File : V04170517BFI.D
 Acq On : 17 May 2017 11:18 am
 Operator : VOA104:CBN
 Sample : WG1004640-1
 Misc : WG1004640,ICAL13540
 ALS Vial : 1 Sample Multiplier: 1

Integration File: rteint.p

Method : I:\VOLATILES\VOA104\2017\170517ICAL\V104_170517_8260.m
 Title : VOLATILES BY GC/MS
 Last Update : Thu May 18 06:45:13 2017



AutoFind: Scans 317, 318, 319; Background Corrected with Scan 306

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	19.1	25781	PASS
75	95	30	60	46.0	62056	PASS
95	95	100	100	100.0	134824	PASS
96	95	5	9	6.7	9069	PASS
173	174	0.00	2	0.3	381	PASS
174	95	50	100	91.1	122805	PASS
175	174	5	9	7.6	9390	PASS
176	174	95	101	97.7	120013	PASS
177	176	5	9	6.7	8041	PASS

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA104\2017\170517ICAL\
 Data File : V04170517I03.D
 Acq On : 17 May 2017 12:32 pm
 Operator : VOA104:CBN
 Sample : I8260STDL1
 Misc : WG1004640,ICAL13540
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 18 06:45:43 2017
 Quant Method : I:\VOLATILES\VOA104\2017\170517ICAL\V104_170517_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 18 06:45:13 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA104\2017\170517ICAL\V04170517I07.D
 Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Fluorobenzene	5.917	96	151224	20.000	ug/L	0.00
Standard Area 1 = 144832			Recovery = 104.41%			
59) Chlorobenzene-d5	9.441	117	126892	20.000	ug/L	0.00
Standard Area 1 = 124028			Recovery = 102.31%			
79) 1,4-Dichlorobenzene-d4	12.162	152	67189	20.000	ug/L	0.00
Standard Area 1 = 65610			Recovery = 102.41%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.126	113	42143	19.803	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 99.02%			
43) 1,2-Dichloroethane-d4	5.650	65	38378	19.680	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 98.40%			
60) Toluene-d8	7.595	98	146298	19.820	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 99.10%			
83) 4-Bromofluorobenzene	10.945	95	59559	20.178	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 100.89%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.628	85	2038	0.972	ug/L #	81
3) Chloromethane	1.817	50	4194	1.250	ug/L	96
4) Vinyl chloride	1.880	62	2443	0.988	ug/L	93
5) Bromomethane	2.184	94	2089	1.015	ug/L	90
6) Chloroethane	2.305	64	1587	1.140	ug/L #	16
7) Trichlorofluoromethane	2.431	101	3018	0.945	ug/L	92
8) Ethyl ether	2.724	74	1066	1.005	ug/L #	64
10) 1,1-Dichloroethene	2.902	96	2025	0.993	ug/L	86
11) Carbon disulfide	2.929	76	15413	1.732	ug/L	97
12) Freon-113	2.929	101	1827	0.966	ug/L #	1
14) Acrolein	3.243	56	249	0.686	ug/L #	37
15) Methylene chloride	3.453	84	3072	1.216	ug/L	94
17) Acetone	3.511	43	1111	2.175	ug/L #	50
18) trans-1,2-Dichloroethene	3.600	96	2398	1.044	ug/L	84
19) Methyl acetate	3.621	43	1541	1.111	ug/L #	67
20) Methyl tert-butyl ether	3.699	73	5997	0.978	ug/L	97
21) tert-Butyl alcohol	3.810	59	1093	4.741	ug/L #	60
22) Diisopropyl ether	4.045	45	8670	1.001	ug/L	99
23) 1,1-Dichloroethane	4.177	63	4965	1.087	ug/L	98
24) Halothane	4.234	117	1720	0.981	ug/L #	100
25) Acrylonitrile	4.250	53	461	0.662	ug/L #	56

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA104\2017\170517ICAL\
 Data File : V04170517I03.D
 Acq On : 17 May 2017 12:32 pm
 Operator : VOA104:CBN
 Sample : I8260STDL1
 Misc : WG1004640,ICAL13540
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 18 06:45:43 2017
 Quant Method : I:\VOLATILES\VOA104\2017\170517ICAL\V104_170517_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 18 06:45:13 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA104\2017\170517ICAL\V04170517I07.D
 Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
26) Ethyl tert-butyl ether	4.386	59	7875	1.008	ug/L	89
27) Vinyl acetate	4.423	43	3793	0.782	ug/L #	82
28) cis-1,2-Dichloroethene	4.685	96	2843	1.126	ug/L #	80
29) 2,2-Dichloropropane	4.785	77	3647	1.088	ug/L	94
30) Bromochloromethane	4.879	128	1269	1.001	ug/L	90
31) Cyclohexane	4.858	56	3709	0.978	ug/L	88
32) Chloroform	4.952	83	4412	1.065	ug/L	95
33) Ethyl acetate	5.068	43	1914	0.932	ug/L #	69
34) Carbon tetrachloride	5.068	117	2400	0.794	ug/L	96
35) Tetrahydrofuran	5.110	42	486	0.719	ug/L #	48
37) 1,1,1-Trichloroethane	5.141	97	3606	1.024	ug/L	94
39) 2-Butanone	5.257	43	888	1.002	ug/L #	55
40) 1,1-Dichloropropene	5.262	75	3003	1.036	ug/L	96
41) Benzene	5.503	78	10579	1.221	ug/L	94
42) tert-Amyl methyl ether	5.613	73	5946	1.024	ug/L	96
44) 1,2-Dichloroethane	5.718	62	3347	1.065	ug/L	96
47) Methyl cyclohexane	6.069	83	3153	1.043	ug/L	94
48) Trichloroethene	6.095	95	2509	1.066	ug/L	95
50) Dibromomethane	6.552	93	1403	1.009	ug/L	89
51) 1,2-Dichloropropane	6.641	63	2437	0.970	ug/L	97
53) 2-Chloroethyl vinyl ether	0.000		0	N.D.		
54) Bromodichloromethane	6.714	83	2816	0.911	ug/L #	97
57) 1,4-Dioxane	6.945	88	721	36.837	ug/L #	54
58) cis-1,3-Dichloropropene	7.406	75	3506	0.932	ug/L	97
61) Toluene	7.658	92	5777	1.047	ug/L	95
62) 4-Methyl-2-pentanone	8.109	58	572	0.701	ug/L #	44
63) Tetrachloroethene	8.098	166	2738	1.016	ug/L	96
65) trans-1,3-Dichloropropene	8.161	75	2596	0.818	ug/L	99
67) Ethyl methacrylate	8.345	69	1931	0.775	ug/L	74
68) 1,1,2-Trichloroethane	8.345	83	1590	0.958	ug/L	94
69) Chlorodibromomethane	8.549	129	2202	0.828	ug/L #	93
70) 1,3-Dichloropropane	8.659	76	3145	0.980	ug/L	96
71) 1,2-Dibromoethane	8.822	107	1903	0.890	ug/L	98
72) 2-Hexanone	9.136	43	1001	0.748	ug/L #	43
73) Chlorobenzene	9.461	112	7142	1.056	ug/L #	87
74) Ethylbenzene	9.498	91	11210	1.057	ug/L	98
75) 1,1,1,2-Tetrachloroethane	9.545	131	2499	0.978	ug/L #	83
76) p/m Xylene	9.687	106	9415	2.193	ug/L	96
77) o Xylene	10.227	106	8600	2.101	ug/L	98
78) Styrene	10.300	104	13976	2.045	ug/L	99

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA104\2017\170517ICAL\
 Data File : V04170517I03.D
 Acq On : 17 May 2017 12:32 pm
 Operator : VOA104:CBN
 Sample : I8260STDL1
 Misc : WG1004640,ICAL13540
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 18 06:45:43 2017
 Quant Method : I:\VOLATILES\VOA104\2017\170517ICAL\V104_170517_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 18 06:45:13 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA104\2017\170517ICAL\V04170517I07.D
 Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) Bromoform	10.332	173	1414	0.825	ug/L	100
82) Isopropylbenzene	10.615	105	11694	1.054	ug/L	98
84) Bromobenzene	11.055	156	3031	0.992	ug/L	99
85) n-Propylbenzene	11.103	91	12683	1.030	ug/L	100
86) 1,4-Dichlorobutane	11.134	55	3857	1.019	ug/L	93
87) 1,1,2,2-Tetrachloroethane	11.202	83	2539	1.025	ug/L	93
88) 4-Ethyltoluene	11.228	105	11217	1.049	ug/L	95
89) 2-Chlorotoluene	11.276	91	7905	1.057	ug/L	96
90) 1,3,5-Trimethylbenzene	11.323	105	9958	1.072	ug/L	98
91) 1,2,3-Trichloropropane	11.344	75	1909	1.047	ug/L	96
92) trans-1,4-Dichloro-2-b...	11.407	53	220	0.322	ug/L #	58
93) 4-Chlorotoluene	11.464	91	7927	1.053	ug/L	97
94) tert-Butylbenzene	11.664	119	8329	1.067	ug/L	97
97) 1,2,4-Trimethylbenzene	11.747	105	9489	1.022	ug/L	98
98) sec-Butylbenzene	11.858	105	12433	1.072	ug/L	97
99) p-Isopropyltoluene	12.010	119	10522	1.054	ug/L	99
100) 1,3-Dichlorobenzene	12.088	146	5710	1.021	ug/L	98
101) 1,4-Dichlorobenzene	12.177	146	6384M2	1.120	ug/L	
102) p-Diethylbenzene	12.387	119	5986	1.023	ug/L	98
103) n-Butylbenzene	12.450	91	9141	1.050	ug/L	97
104) 1,2-Dichlorobenzene	12.607	146	5253	1.010	ug/L	99
105) 1,2,4,5-Tetramethylben...	13.184	119	9975	1.042	ug/L	96
106) 1,2-Dibromo-3-chloropr...	13.389	155	253	0.593	ug/L #	69
107) 1,3,5-Trichlorobenzene	13.415	180	4175	1.007	ug/L	97
108) Hexachlorobutadiene	13.981	225	2062	1.059	ug/L	97
109) 1,2,4-Trichlorobenzene	14.023	180	3857	1.004	ug/L	96
110) Naphthalene	14.311	128	8577	1.038	ug/L	100
111) 1,2,3-Trichlorobenzene	14.479	180	3699	1.039	ug/L	98

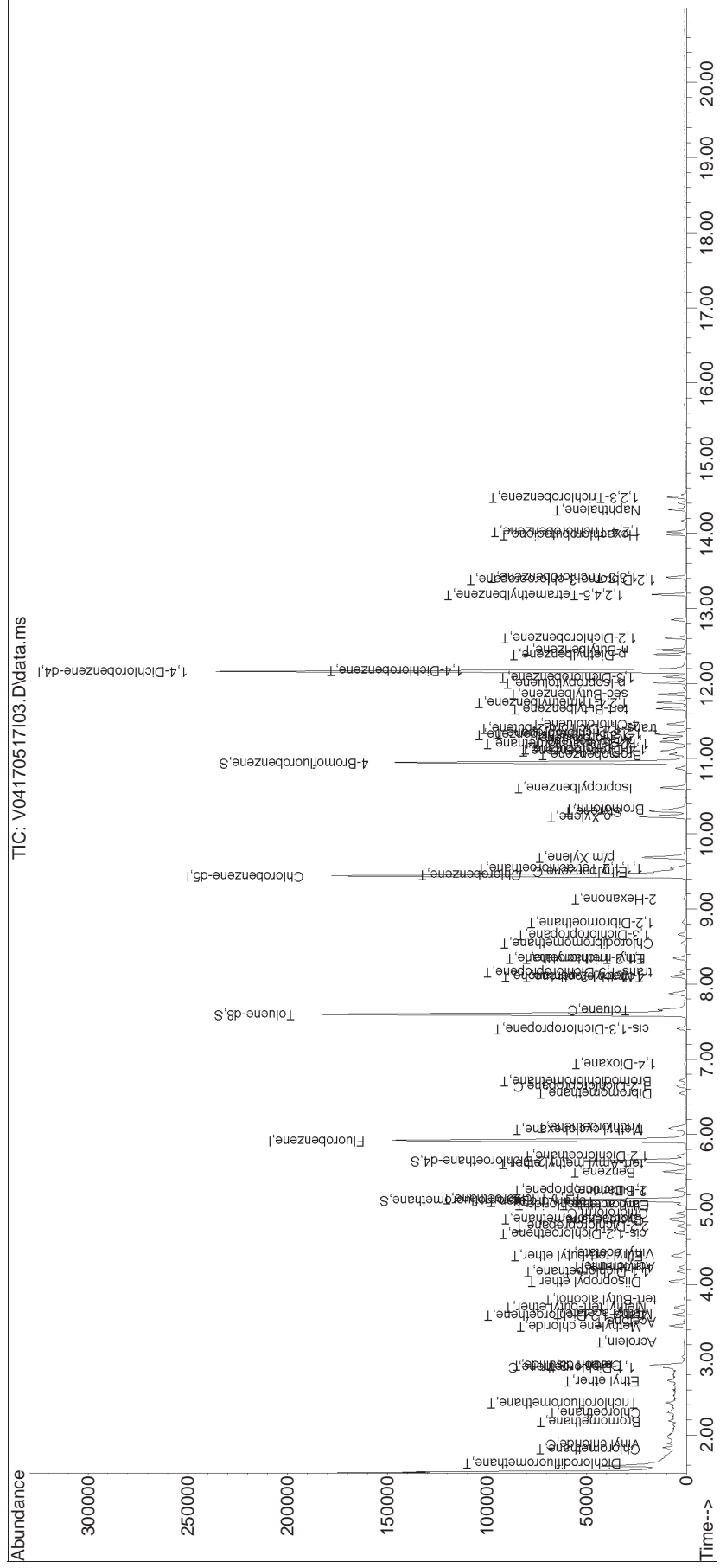
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA104\2017\170517ICAL\
 Data File : V04170517I03.D
 Acq On : 17 May 2017 12:32 pm
 Operator : VOA104:CBN
 Sample : I8260STD11
 Misc : WG1004640,ICAL13540
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 18 06:45:43 2017
 Quant Method : I:\VOLATILES\VOA104\2017\170517ICAL\V104_170517_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 18 06:45:13 2017
 Response via : Initial Calibration

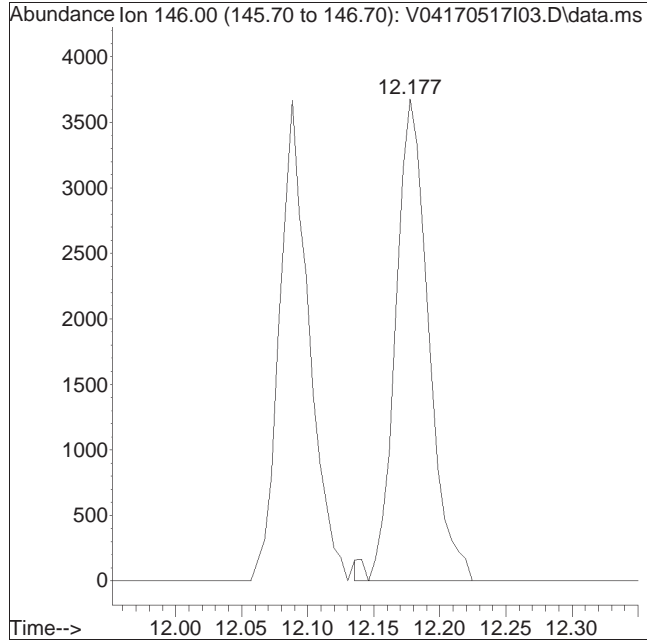
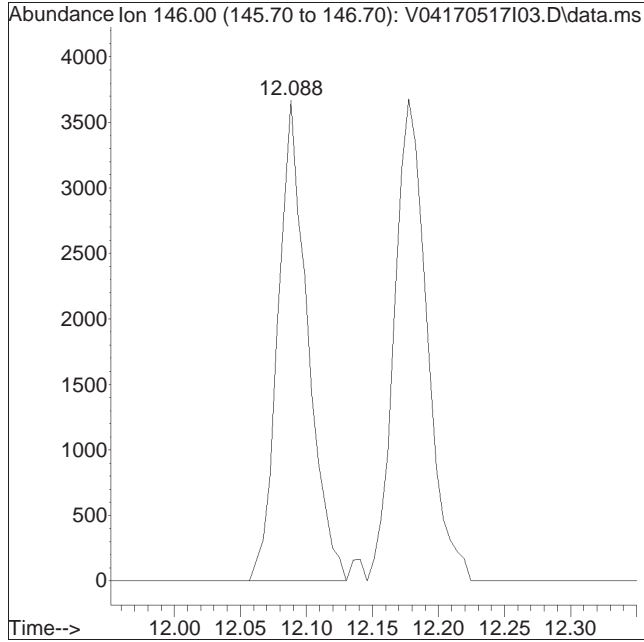
Sub List : 8260-CurveSoil - Megamix plus Diox7ICAL\V04170517I07.D•



Manual Integration Report

Data Path : I:\VOLATILES\VOA104\2017\1QMethod : V104_170517_8260.m
Data File : V04170517I03.D Operator : VOA104:CBN
Date Inj'd : 5/17/2017 12:32 pm Instrument : VOA 104
Sample : I8260STDL1 Quant Date : 5/18/2017 6:45 am

Compound #101: 1,4-Dichlorobenzene



Original Peak Response = 5710

Manual Peak Response = 6384 M2

M2 = Peak not found by automatic integration algorithm.

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA104\2017\170517ICAL\
 Data File : V04170517I05.D
 Acq On : 17 May 2017 1:24 pm
 Operator : VOA104:CBN
 Sample : I8260STDL2
 Misc : WG1004640,ICAL13540
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 18 06:45:50 2017
 Quant Method : I:\VOLATILES\VOA104\2017\170517ICAL\V104_170517_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 18 06:45:13 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA104\2017\170517ICAL\V04170517I07.D
 Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	

Internal Standards							
1) Fluorobenzene	5.922	96	148024	20.000	ug/L	0.00	
Standard Area 1 = 144832			Recovery = 102.20%				
59) Chlorobenzene-d5	9.441	117	129305	20.000	ug/L	0.00	
Standard Area 1 = 124028			Recovery = 104.25%				
79) 1,4-Dichlorobenzene-d4	12.162	152	66598	20.000	ug/L	0.00	
Standard Area 1 = 65610			Recovery = 101.51%				
System Monitoring Compounds							
36) Dibromofluoromethane	5.126	113	41610	19.975	ug/L	0.00	
Spiked Amount 20.000	Range 70 - 130		Recovery = 99.88%				
43) 1,2-Dichloroethane-d4	5.650	65	39540	20.714	ug/L	0.00	
Spiked Amount 20.000	Range 70 - 130		Recovery = 103.57%				
60) Toluene-d8	7.600	98	148707	19.770	ug/L	0.00	
Spiked Amount 20.000	Range 70 - 130		Recovery = 98.85%				
83) 4-Bromofluorobenzene	10.951	95	57893	19.788	ug/L	0.00	
Spiked Amount 20.000	Range 70 - 130		Recovery = 98.94%				
Target Compounds							
							Qvalue
2) Dichlorodifluoromethane	1.628	85	8525	4.154	ug/L		97
3) Chloromethane	1.817	50	15245	4.640	ug/L		99
4) Vinyl chloride	1.880	62	10986	4.538	ug/L		99
5) Bromomethane	2.184	94	7528	4.827	ug/L		91
6) Chloroethane	2.305	64	6568	4.821	ug/L		93
7) Trichlorofluoromethane	2.431	101	13510	4.321	ug/L		100
8) Ethyl ether	2.724	74	4429	4.268	ug/L #		82
10) 1,1-Dichloroethene	2.908	96	8550	4.284	ug/L		88
11) Carbon disulfide	2.929	76	43033	4.940	ug/L		100
12) Freon-113	2.939	101	7825	4.228	ug/L #		17
14) Acrolein	3.233	56	1263	3.557	ug/L		90
15) Methylene chloride	3.458	84	11165	4.515	ug/L		92
17) Acetone	3.511	43	2722	5.445	ug/L #		85
18) trans-1,2-Dichloroethene	3.600	96	10022	4.457	ug/L		84
19) Methyl acetate	3.626	43	5509	4.059	ug/L #		95
20) Methyl tert-butyl ether	3.699	73	24950	4.157	ug/L		94
21) tert-Butyl alcohol	3.810	59	4486	19.880	ug/L		97
22) Diisopropyl ether	4.045	45	36774	4.337	ug/L		99
23) 1,1-Dichloroethane	4.177	63	20346	4.550	ug/L		99
24) Halothane	4.229	117	7627	4.444	ug/L #		100
25) Acrylonitrile	4.245	53	2644	3.876	ug/L		99

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA104\2017\170517ICAL\
 Data File : V04170517I05.D
 Acq On : 17 May 2017 1:24 pm
 Operator : VOA104:CBN
 Sample : I8260STD2
 Misc : WG1004640,ICAL13540
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 18 06:45:50 2017
 Quant Method : I:\VOLATILES\VOA104\2017\170517ICAL\V104_170517_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 18 06:45:13 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA104\2017\170517ICAL\V04170517I07.D
 Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
26) Ethyl tert-butyl ether	4.386	59	32989	4.313	ug/L	93
27) Vinyl acetate	4.418	43	17525	3.693	ug/L	99
28) cis-1,2-Dichloroethene	4.690	96	11169	4.520	ug/L	84
29) 2,2-Dichloropropane	4.779	77	14564	4.439	ug/L	96
30) Bromochloromethane	4.879	128	5482	4.419	ug/L	92
31) Cyclohexane	4.863	56	15802	4.259	ug/L	89
32) Chloroform	4.953	83	18073	4.459	ug/L	97
33) Ethyl acetate	5.068	43	7830	3.896	ug/L #	93
34) Carbon tetrachloride	5.068	117	11902	4.024	ug/L	99
35) Tetrahydrofuran	5.110	42	2756	4.165	ug/L	92
37) 1,1,1-Trichloroethane	5.141	97	14797	4.293	ug/L	95
39) 2-Butanone	5.262	43	3924	4.522	ug/L	91
40) 1,1-Dichloropropene	5.257	75	12593	4.438	ug/L	99
41) Benzene	5.508	78	37349	4.405	ug/L	98
42) tert-Amyl methyl ether	5.613	73	23455	4.127	ug/L	99
44) 1,2-Dichloroethane	5.718	62	12690	4.125	ug/L	98
47) Methyl cyclohexane	6.069	83	12218	4.128	ug/L	92
48) Trichloroethene	6.096	95	10354	4.495	ug/L	98
50) Dibromomethane	6.546	93	5379	3.952	ug/L	98
51) 1,2-Dichloropropane	6.641	63	10663	4.336	ug/L	97
53) 2-Chloroethyl vinyl ether	7.349	63	1088	3.246	ug/L #	83
54) Bromodichloromethane	6.714	83	12277	4.056	ug/L	99
57) 1,4-Dioxane	6.934	88	3807	198.709	ug/L #	87
58) cis-1,3-Dichloropropene	7.406	75	15127	4.108	ug/L	97
61) Toluene	7.658	92	24732	4.401	ug/L	99
62) 4-Methyl-2-pentanone	8.109	58	3026	3.638	ug/L	84
63) Tetrachloroethene	8.104	166	11810	4.301	ug/L	99
65) trans-1,3-Dichloropropene	8.156	75	12289	3.799	ug/L	98
67) Ethyl methacrylate	8.340	69	9110	3.589	ug/L	90
68) 1,1,2-Trichloroethane	8.340	83	6844	4.048	ug/L	98
69) Chlorodibromomethane	8.544	129	10394	3.836	ug/L	99
70) 1,3-Dichloropropane	8.659	76	13077	3.997	ug/L	100
71) 1,2-Dibromoethane	8.822	107	8489	3.895	ug/L	99
72) 2-Hexanone	9.121	43	4883	3.582	ug/L #	87
73) Chlorobenzene	9.467	112	29498	4.282	ug/L	99
74) Ethylbenzene	9.498	91	46517	4.306	ug/L	99
75) 1,1,1,2-Tetrachloroethane	9.545	131	10386	3.990	ug/L	95
76) p/m Xylene	9.687	106	37940	8.672	ug/L	99
77) o Xylene	10.227	106	36216	8.684	ug/L	97
78) Styrene	10.300	104	58735	8.434	ug/L	97

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA104\2017\170517ICAL\
 Data File : V04170517I05.D
 Acq On : 17 May 2017 1:24 pm
 Operator : VOA104:CBN
 Sample : I8260STDL2
 Misc : WG1004640,ICAL13540
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 18 06:45:50 2017
 Quant Method : I:\VOLATILES\VOA104\2017\170517ICAL\V104_170517_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 18 06:45:13 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA104\2017\170517ICAL\V04170517I07.D
 Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) Bromoform	10.332	173	6341	3.731	ug/L	100
82) Isopropylbenzene	10.615	105	46870	4.263	ug/L	100
84) Bromobenzene	11.061	156	12321	4.066	ug/L	100
85) n-Propylbenzene	11.097	91	53075	4.350	ug/L	100
86) 1,4-Dichlorobutane	11.134	55	15078	4.018	ug/L	99
87) 1,1,2,2-Tetrachloroethane	11.202	83	9558	3.891	ug/L	98
88) 4-Ethyltoluene	11.228	105	44463	4.196	ug/L	99
89) 2-Chlorotoluene	11.270	91	32411	4.372	ug/L	100
90) 1,3,5-Trimethylbenzene	11.328	105	40312	4.378	ug/L	98
91) 1,2,3-Trichloropropane	11.344	75	7549	4.178	ug/L	99
92) trans-1,4-Dichloro-2-b...	11.401	53	2031	3.001	ug/L	99
93) 4-Chlorotoluene	11.459	91	31496	4.219	ug/L	98
94) tert-Butylbenzene	11.664	119	33151	4.284	ug/L	98
97) 1,2,4-Trimethylbenzene	11.748	105	38526	4.188	ug/L	99
98) sec-Butylbenzene	11.858	105	49695	4.322	ug/L	99
99) p-Isopropyltoluene	12.010	119	41901	4.235	ug/L	99
100) 1,3-Dichlorobenzene	12.088	146	23509	4.240	ug/L	99
101) 1,4-Dichlorobenzene	12.177	146	24327	4.307	ug/L	98
102) p-Diethylbenzene	12.387	119	24901	4.295	ug/L	99
103) n-Butylbenzene	12.445	91	36794	4.265	ug/L	97
104) 1,2-Dichlorobenzene	12.607	146	21470	4.163	ug/L	99
105) 1,2,4,5-Tetramethylben...	13.184	119	38588	4.066	ug/L	99
106) 1,2-Dibromo-3-chloropr...	13.389	155	1500	3.549	ug/L	94
107) 1,3,5-Trichlorobenzene	13.415	180	17559	4.275	ug/L	100
108) Hexachlorobutadiene	13.981	225	8150	4.224	ug/L	99
109) 1,2,4-Trichlorobenzene	14.012	180	15578	4.090	ug/L	98
110) Naphthalene	14.311	128	30944	3.779	ug/L	100
111) 1,2,3-Trichlorobenzene	14.479	180	13902	3.940	ug/L	100

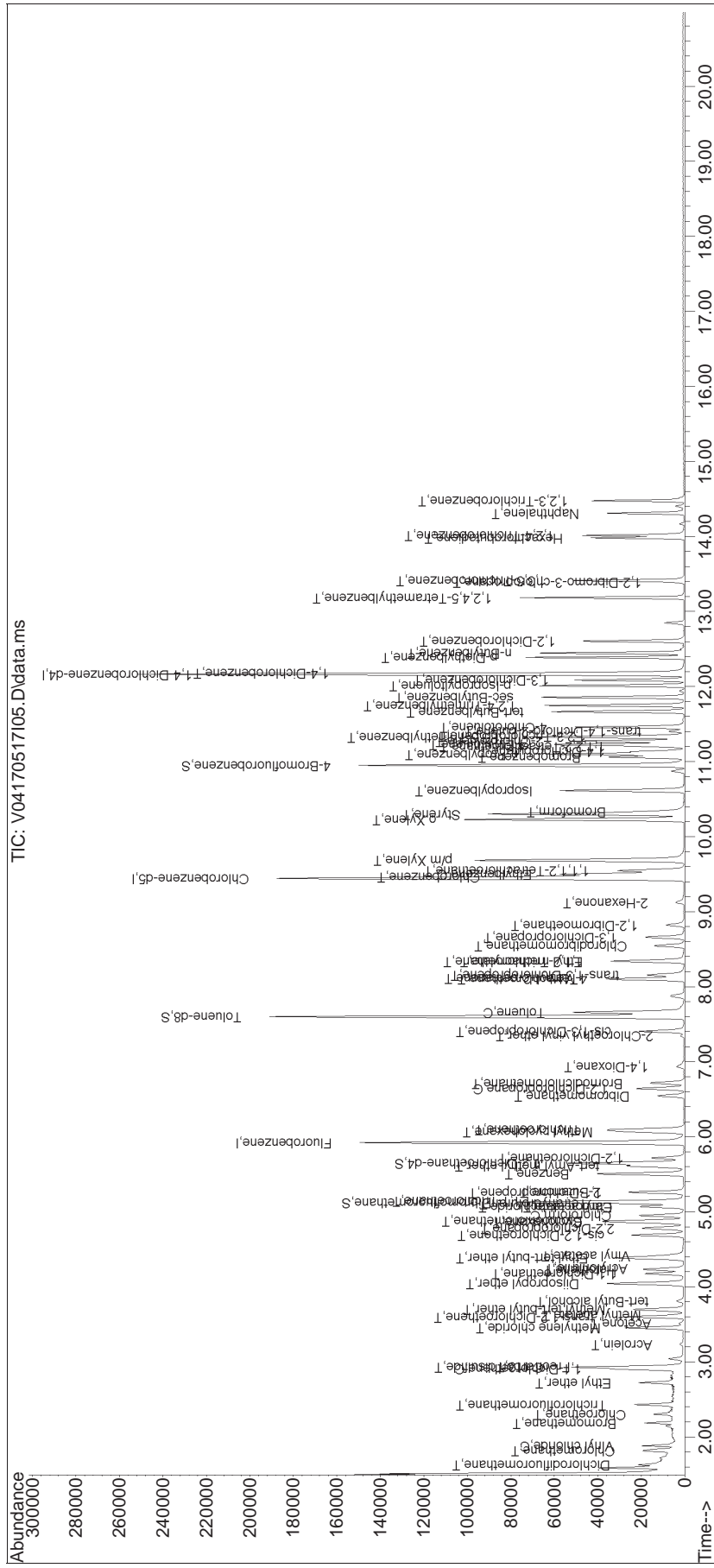
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA104\2017\170517ICAL\
 Data File : V04170517I05.D
 Acq On : 17 May 2017 1:24 pm
 Operator : VOA104:CBN
 Sample : I8260STDLL2
 Misc : WG1004640,ICAL13540
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 18 06:45:50 2017
 Quant Method : I:\VOLATILES\VOA104\2017\170517ICAL\VOA104_170517_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 18 06:45:13 2017
 Response via : Initial Calibration

Sub List : 8260-CurveSoil - Megamix plus Diox7ICAL\V04170517I07.D•



Manual Integration Report

Data Path : I:\VOLATILES\VOA104\2017\1QMethod : V104_170517_8260.m
Data File : V04170517I05.D Operator : VOA104:CBN
Date Inj'd : 5/17/2017 1:24 pm Instrument : VOA 104
Sample : I8260STD2 Quant Date : 5/18/2017 6:45 am

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA104\2017\170517ICAL\
 Data File : V04170517I07.D
 Acq On : 17 May 2017 2:17 pm
 Operator : VOA104:CBN
 Sample : I8260STDL3
 Misc : WG1004640,ICAL13540
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 18 06:46:04 2017
 Quant Method : I:\VOLATILES\VOA104\2017\170517ICAL\V104_170517_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 18 06:45:13 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA104\2017\170517ICAL\V04170517I07.D
 Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	

Internal Standards							
1) Fluorobenzene	5.923	96	144832	20.000	ug/L	0.00	
Standard Area 1 = 144832			Recovery = 100.00%				
59) Chlorobenzene-d5	9.441	117	124028	20.000	ug/L	0.00	
Standard Area 1 = 124028			Recovery = 100.00%				
79) 1,4-Dichlorobenzene-d4	12.162	152	65610	20.000	ug/L	0.00	
Standard Area 1 = 65610			Recovery = 100.00%				
System Monitoring Compounds							
36) Dibromofluoromethane	5.126	113	41287	20.257	ug/L	0.00	
Spiked Amount 20.000	Range 70 - 130		Recovery = 101.29%				
43) 1,2-Dichloroethane-d4	5.650	65	37321	19.983	ug/L	0.00	
Spiked Amount 20.000	Range 70 - 130		Recovery = 99.91%				
60) Toluene-d8	7.600	98	146724	20.336	ug/L	0.00	
Spiked Amount 20.000	Range 70 - 130		Recovery = 101.68%				
83) 4-Bromofluorobenzene	10.951	95	56396	19.566	ug/L	0.00	
Spiked Amount 20.000	Range 70 - 130		Recovery = 97.83%				
Target Compounds							
							Qvalue
2) Dichlorodifluoromethane	1.629	85	40274	20.059	ug/L		98
3) Chloromethane	1.812	50	63615	19.790	ug/L		99
4) Vinyl chloride	1.880	62	46936	19.813	ug/L		98
5) Bromomethane	2.184	94	25905	18.001	ug/L		97
6) Chloroethane	2.300	64	26424	19.823	ug/L		100
7) Trichlorofluoromethane	2.431	101	61748	20.183	ug/L		100
8) Ethyl ether	2.724	74	20778	20.462	ug/L		89
10) 1,1-Dichloroethene	2.903	96	38174	19.549	ug/L		89
11) Carbon disulfide	2.929	76	181267	21.268	ug/L		99
12) Freon-113	2.934	101	37706	20.824	ug/L	#	44
14) Acrolein	3.233	56	7142	20.556	ug/L		97
15) Methylene chloride	3.453	84	47239	19.522	ug/L		94
17) Acetone	3.511	43	10364	21.188	ug/L		96
18) trans-1,2-Dichloroethene	3.600	96	43902	19.953	ug/L		84
19) Methyl acetate	3.616	43	27985	21.071	ug/L		98
20) Methyl tert-butyl ether	3.694	73	119416	20.334	ug/L		94
21) tert-Butyl alcohol	3.810	59	22530	102.044	ug/L		94
22) Diisopropyl ether	4.046	45	169925	20.482	ug/L		99
23) 1,1-Dichloroethane	4.177	63	87600	20.020	ug/L		99
24) Halothane	4.229	117	33443	19.917	ug/L	#	100
25) Acrylonitrile	4.234	53	14739	22.084	ug/L		98

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA104\2017\170517ICAL\
 Data File : V04170517I07.D
 Acq On : 17 May 2017 2:17 pm
 Operator : VOA104:CBN
 Sample : I8260STDL3
 Misc : WG1004640,ICAL13540
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 18 06:46:04 2017
 Quant Method : I:\VOLATILES\VOA104\2017\170517ICAL\V104_170517_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 18 06:45:13 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA104\2017\170517ICAL\V04170517I07.D
 Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
26) Ethyl tert-butyl ether	4.386	59	152463	20.370	ug/L	95
27) Vinyl acetate	4.407	43	98951	21.313	ug/L	99
28) cis-1,2-Dichloroethene	4.690	96	47347	19.583	ug/L	84
29) 2,2-Dichloropropane	4.785	77	63518	19.786	ug/L	98
30) Bromochloromethane	4.879	128	25510	21.015	ug/L	92
31) Cyclohexane	4.863	56	74865	20.622	ug/L	92
32) Chloroform	4.953	83	79312	19.998	ug/L	98
33) Ethyl acetate	5.063	43	41031	20.866	ug/L	99
34) Carbon tetrachloride	5.068	117	58138	20.090	ug/L	99
35) Tetrahydrofuran	5.099	42	12746	19.689	ug/L	92
37) 1,1,1-Trichloroethane	5.136	97	66740	19.790	ug/L	95
39) 2-Butanone	5.251	43	19071	22.462	ug/L	98
40) 1,1-Dichloropropene	5.257	75	57557	20.729	ug/L	98
41) Benzene	5.503	78	160930	19.397	ug/L	98
42) tert-Amyl methyl ether	5.608	73	112275	20.188	ug/L	98
44) 1,2-Dichloroethane	5.718	62	60901	20.234	ug/L	99
47) Methyl cyclohexane	6.069	83	57291	19.782	ug/L	91
48) Trichloroethene	6.096	95	45007	19.970	ug/L	99
50) Dibromomethane	6.541	93	27134	20.373	ug/L	97
51) 1,2-Dichloropropane	6.641	63	49060	20.387	ug/L	96
53) 2-Chloroethyl vinyl ether	7.343	63	6764	20.623	ug/L	87
54) Bromodichloromethane	6.714	83	59805	20.192	ug/L	100
57) 1,4-Dioxane	6.929	88	19541	1042.435	ug/L	89
58) cis-1,3-Dichloropropene	7.401	75	72282	20.064	ug/L	97
61) Toluene	7.658	92	107604	19.961	ug/L	100
62) 4-Methyl-2-pentanone	8.098	58	16313	20.449	ug/L	91
63) Tetrachloroethene	8.098	166	52808	20.048	ug/L	99
65) trans-1,3-Dichloropropene	8.151	75	63315	20.406	ug/L	97
67) Ethyl methacrylate	8.334	69	51636	21.209	ug/L	96
68) 1,1,2-Trichloroethane	8.334	83	33790	20.835	ug/L	97
69) Chlorodibromomethane	8.544	129	52602	20.238	ug/L	99
70) 1,3-Dichloropropane	8.659	76	64106	20.428	ug/L	98
71) 1,2-Dibromoethane	8.817	107	43206	20.669	ug/L	100
72) 2-Hexanone	9.116	43	26787	20.483	ug/L	97
73) Chlorobenzene	9.462	112	131287	19.867	ug/L	98
74) Ethylbenzene	9.498	91	206558	19.933	ug/L	99
75) 1,1,1,2-Tetrachloroethane	9.545	131	50361	20.170	ug/L	98
76) p/m Xylene	9.682	106	169698	40.438	ug/L	97
77) o Xylene	10.227	106	161162	40.290	ug/L	96
78) Styrene	10.300	104	273642	40.964	ug/L	99

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA104\2017\170517ICAL\
 Data File : V04170517I07.D
 Acq On : 17 May 2017 2:17 pm
 Operator : VOA104:CBN
 Sample : I8260STDL3
 Misc : WG1004640,ICAL13540
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 18 06:46:04 2017
 Quant Method : I:\VOLATILES\VOA104\2017\170517ICAL\V104_170517_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 18 06:45:13 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA104\2017\170517ICAL\V04170517I07.D
 Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) Bromoform	10.332	173	32704	19.531	ug/L	98
82) Isopropylbenzene	10.610	105	206836	19.096	ug/L	100
84) Bromobenzene	11.061	156	58210	19.501	ug/L	98
85) n-Propylbenzene	11.097	91	234368	19.499	ug/L	99
86) 1,4-Dichlorobutane	11.129	55	72179	19.523	ug/L	98
87) 1,1,2,2-Tetrachloroethane	11.202	83	47795	19.752	ug/L	100
88) 4-Ethyltoluene	11.223	105	202972	19.445	ug/L	100
89) 2-Chlorotoluene	11.270	91	140055	19.179	ug/L	99
90) 1,3,5-Trimethylbenzene	11.323	105	174452	19.231	ug/L	98
91) 1,2,3-Trichloropropane	11.339	75	35570	19.983	ug/L	96
92) trans-1,4-Dichloro-2-b...	11.396	53	13302	19.952	ug/L	93
93) 4-Chlorotoluene	11.454	91	142298	19.349	ug/L	99
94) tert-Butylbenzene	11.664	119	147324	19.326	ug/L	99
97) 1,2,4-Trimethylbenzene	11.748	105	179168	19.768	ug/L	99
98) sec-Butylbenzene	11.852	105	222010	19.600	ug/L	99
99) p-Isopropyltoluene	12.010	119	187600	19.248	ug/L	99
100) 1,3-Dichlorobenzene	12.083	146	105880	19.384	ug/L	100
101) 1,4-Dichlorobenzene	12.178	146	105944	19.039	ug/L	99
102) p-Diethylbenzene	12.387	119	109481	19.169	ug/L	98
103) n-Butylbenzene	12.445	91	164077	19.307	ug/L	99
104) 1,2-Dichlorobenzene	12.602	146	100076	19.697	ug/L	100
105) 1,2,4,5-Tetramethylben...	13.184	119	179529	19.200	ug/L	98
106) 1,2-Dibromo-3-chloropr...	13.389	155	7770	18.661	ug/L	99
107) 1,3,5-Trichlorobenzene	13.410	180	79044	19.533	ug/L	99
108) Hexachlorobutadiene	13.981	225	36264	19.077	ug/L	99
109) 1,2,4-Trichlorobenzene	14.013	180	72739	19.386	ug/L	99
110) Naphthalene	14.306	128	157789	19.558	ug/L	100
111) 1,2,3-Trichlorobenzene	14.474	180	68186	19.617	ug/L	99

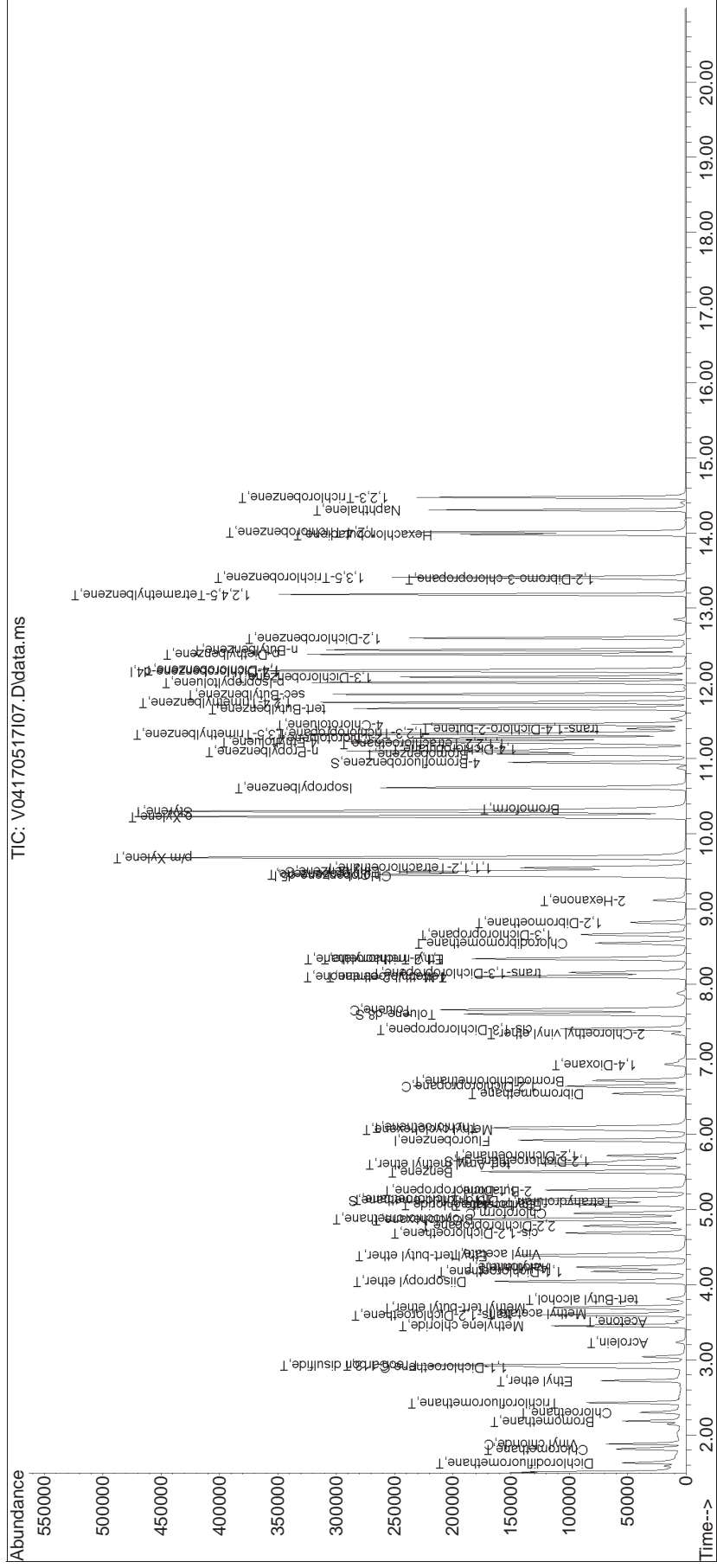
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA104\2017\170517ICAL\
 Data File : V04170517I07.D
 Acq On : 17 May 2017 2:17 pm
 Operator : VOA104:CBN
 Sample : I8260STD3
 Misc : WG1004640,ICAL13540
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 18 06:46:04 2017
 Quant Method : I:\VOLATILES\VOA104\2017\170517ICAL\170517ICAL_V104_170517_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 18 06:45:13 2017
 Response via : Initial Calibration

Sub List : 8260-CurveSoil - Megamix plus Diox7ICAL\V04170517I07.D•



Manual Integration Report

Data Path : I:\VOLATILES\VOA104\2017\1QMethod : V104_170517_8260.m
Data File : V04170517I07.D Operator : VOA104:CBN
Date Inj'd : 5/17/2017 2:17 pm Instrument : VOA 104
Sample : I8260STD3 Quant Date : 5/18/2017 6:45 am

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA104\2017\170517ICAL\
 Data File : V04170517I08.D
 Acq On : 17 May 2017 2:43 pm
 Operator : VOA104:CBN
 Sample : I8260STDL4
 Misc : WG1004640,ICAL13540
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 18 06:46:15 2017
 Quant Method : I:\VOLATILES\VOA104\2017\170517ICAL\V104_170517_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 18 06:45:13 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA104\2017\170517ICAL\V04170517I07.D
 Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	

Internal Standards							
1) Fluorobenzene	5.922	96	143243	20.000	ug/L	0.00	
Standard Area 1 = 144832			Recovery =	98.90%			
59) Chlorobenzene-d5	9.440	117	125037	20.000	ug/L	0.00	
Standard Area 1 = 124028			Recovery =	100.81%			
79) 1,4-Dichlorobenzene-d4	12.162	152	64270	20.000	ug/L	0.00	
Standard Area 1 = 65610			Recovery =	97.96%			
System Monitoring Compounds							
36) Dibromofluoromethane	5.125	113	41249	20.463	ug/L	0.00	
Spiked Amount 20.000	Range 70 - 130		Recovery =	102.32%			
43) 1,2-Dichloroethane-d4	5.650	65	37039	20.052	ug/L	0.00	
Spiked Amount 20.000	Range 70 - 130		Recovery =	100.26%			
60) Toluene-d8	7.600	98	143933	19.788	ug/L	0.00	
Spiked Amount 20.000	Range 70 - 130		Recovery =	98.94%			
83) 4-Bromofluorobenzene	10.945	95	55956	19.819	ug/L	0.00	
Spiked Amount 20.000	Range 70 - 130		Recovery =	99.09%			
Target Compounds							
							Qvalue
2) Dichlorodifluoromethane	1.628	85	80334	40.455	ug/L		98
3) Chloromethane	1.812	50	119962	37.734	ug/L		100
4) Vinyl chloride	1.880	62	91678	39.129	ug/L		98
5) Bromomethane	2.184	94	54101	38.462	ug/L		96
6) Chloroethane	2.299	64	50390	38.222	ug/L		97
7) Trichlorofluoromethane	2.431	101	123428	40.790	ug/L		100
8) Ethyl ether	2.724	74	41122	40.946	ug/L		89
10) 1,1-Dichloroethene	2.902	96	77615	40.187	ug/L		84
11) Carbon disulfide	2.929	76	334090	39.633	ug/L		99
12) Freon-113	2.934	101	72931	40.724	ug/L	#	53
14) Acrolein	3.233	56	15255	44.394	ug/L		99
15) Methylene chloride	3.453	84	92215	38.532	ug/L		94
17) Acetone	3.511	43	19299	39.893	ug/L		100
18) trans-1,2-Dichloroethene	3.600	96	87001	39.980	ug/L		83
19) Methyl acetate	3.615	43	51900	39.512	ug/L		97
20) Methyl tert-butyl ether	3.699	73	234734	40.413	ug/L		93
21) tert-Butyl alcohol	3.809	59	43574	199.546	ug/L		92
22) Diisopropyl ether	4.040	45	329793	40.192	ug/L		99
23) 1,1-Dichloroethane	4.176	63	167151	38.624	ug/L		99
24) Halothane	4.229	117	66010	39.749	ug/L	#	100
25) Acrylonitrile	4.234	53	28072	42.529	ug/L		99

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA104\2017\170517ICAL\
 Data File : V04170517I08.D
 Acq On : 17 May 2017 2:43 pm
 Operator : VOA104:CBN
 Sample : I8260STDL4
 Misc : WG1004640,ICAL13540
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 18 06:46:15 2017
 Quant Method : I:\VOLATILES\VOA104\2017\170517ICAL\V104_170517_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 18 06:45:13 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA104\2017\170517ICAL\V04170517I07.D
 Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
26) Ethyl tert-butyl ether	4.386	59	293596	39.662	ug/L	94
27) Vinyl acetate	4.407	43	196248	42.738	ug/L	98
28) cis-1,2-Dichloroethene	4.685	96	92157	38.540	ug/L	84
29) 2,2-Dichloropropane	4.785	77	122020	38.432	ug/L	98
30) Bromochloromethane	4.879	128	49459	41.196	ug/L	90
31) Cyclohexane	4.863	56	148710	41.417	ug/L	93
32) Chloroform	4.952	83	153965	39.252	ug/L	97
33) Ethyl acetate	5.057	43	81912	42.119	ug/L	99
34) Carbon tetrachloride	5.073	117	118931	41.553	ug/L	99
35) Tetrahydrofuran	5.099	42	25525	39.866	ug/L #	89
37) 1,1,1-Trichloroethane	5.136	97	131991	39.573	ug/L	95
39) 2-Butanone	5.251	43	31121	37.061	ug/L	92
40) 1,1-Dichloropropene	5.257	75	107263	39.059	ug/L	98
41) Benzene	5.503	78	313145	38.163	ug/L	98
42) tert-Amyl methyl ether	5.608	73	217774	39.593	ug/L	98
44) 1,2-Dichloroethane	5.713	62	117539	39.486	ug/L	99
47) Methyl cyclohexane	6.069	83	114962	40.136	ug/L	90
48) Trichloroethene	6.095	95	86789	38.936	ug/L	98
50) Dibromomethane	6.541	93	53358	40.507	ug/L	97
51) 1,2-Dichloropropane	6.641	63	95674	40.199	ug/L	96
53) 2-Chloroethyl vinyl ether	7.333	63	13337	41.115	ug/L #	90
54) Bromodichloromethane	6.714	83	118768	40.544	ug/L	100
57) 1,4-Dioxane	6.929	88	40413	2179.788	ug/L	90
58) cis-1,3-Dichloropropene	7.401	75	142107	39.883	ug/L	97
61) Toluene	7.658	92	211428	38.904	ug/L	100
62) 4-Methyl-2-pentanone	8.098	58	32588	40.521	ug/L	94
63) Tetrachloroethene	8.098	166	104775	39.456	ug/L	99
65) trans-1,3-Dichloropropene	8.151	75	126976	40.594	ug/L	98
67) Ethyl methacrylate	8.334	69	102281	41.673	ug/L	96
68) 1,1,2-Trichloroethane	8.334	83	65207	39.883	ug/L	97
69) Chlorodibromomethane	8.544	129	105445	40.241	ug/L	99
70) 1,3-Dichloropropane	8.654	76	125982	39.821	ug/L	99
71) 1,2-Dibromoethane	8.817	107	84725	40.203	ug/L	99
72) 2-Hexanone	9.110	43	54667	41.465	ug/L	97
73) Chlorobenzene	9.461	112	260009	39.028	ug/L	97
74) Ethylbenzene	9.493	91	406826	38.941	ug/L	98
75) 1,1,1,2-Tetrachloroethane	9.545	131	99202	39.411	ug/L	98
76) p/m Xylene	9.682	106	330548	78.131	ug/L	98
77) o Xylene	10.227	106	320709	79.529	ug/L	96
78) Styrene	10.295	104	533407	79.207	ug/L	99

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA104\2017\170517ICAL\
 Data File : V04170517I08.D
 Acq On : 17 May 2017 2:43 pm
 Operator : VOA104:CBN
 Sample : I8260STDL4
 Misc : WG1004640,ICAL13540
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 18 06:46:15 2017
 Quant Method : I:\VOLATILES\VOA104\2017\170517ICAL\V104_170517_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 18 06:45:13 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA104\2017\170517ICAL\V04170517I07.D
 Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) Bromoform	10.332	173	65492	39.927	ug/L	99
82) Isopropylbenzene	10.615	105	412659	38.894	ug/L	100
84) Bromobenzene	11.061	156	113848	38.935	ug/L	99
85) n-Propylbenzene	11.097	91	450593	38.270	ug/L	99
86) 1,4-Dichlorobutane	11.129	55	141357	39.031	ug/L	98
87) 1,1,2,2-Tetrachloroethane	11.202	83	92553	39.046	ug/L	99
88) 4-Ethyltoluene	11.223	105	393752	38.509	ug/L	100
89) 2-Chlorotoluene	11.270	91	275376	38.496	ug/L	100
90) 1,3,5-Trimethylbenzene	11.323	105	336623	37.882	ug/L	99
91) 1,2,3-Trichloropropane	11.338	75	66691	38.248	ug/L	95
92) trans-1,4-Dichloro-2-b...	11.396	53	26391	40.411	ug/L	96
93) 4-Chlorotoluene	11.454	91	272296	37.797	ug/L	98
94) tert-Butylbenzene	11.664	119	285725	38.263	ug/L	99
97) 1,2,4-Trimethylbenzene	11.747	105	344951	38.853	ug/L	100
98) sec-Butylbenzene	11.858	105	424379	38.247	ug/L	99
99) p-Isopropyltoluene	12.010	119	375952	39.376	ug/L	99
100) 1,3-Dichlorobenzene	12.083	146	209092	39.078	ug/L	99
101) 1,4-Dichlorobenzene	12.177	146	207267	38.023	ug/L	100
102) p-Diethylbenzene	12.387	119	222811	39.826	ug/L	98
103) n-Butylbenzene	12.445	91	327857	39.384	ug/L	99
104) 1,2-Dichlorobenzene	12.602	146	196885	39.559	ug/L	99
105) 1,2,4,5-Tetramethylben...	13.184	119	361359	39.452	ug/L	98
106) 1,2-Dibromo-3-chloropr...	13.388	155	15895	38.970	ug/L	99
107) 1,3,5-Trichlorobenzene	13.409	180	158570	40.002	ug/L	98
108) Hexachlorobutadiene	13.981	225	72523	38.948	ug/L	100
109) 1,2,4-Trichlorobenzene	14.012	180	146540	39.868	ug/L	99
110) Naphthalene	14.306	128	312477	39.540	ug/L	100
111) 1,2,3-Trichlorobenzene	14.474	180	133342	39.162	ug/L	98

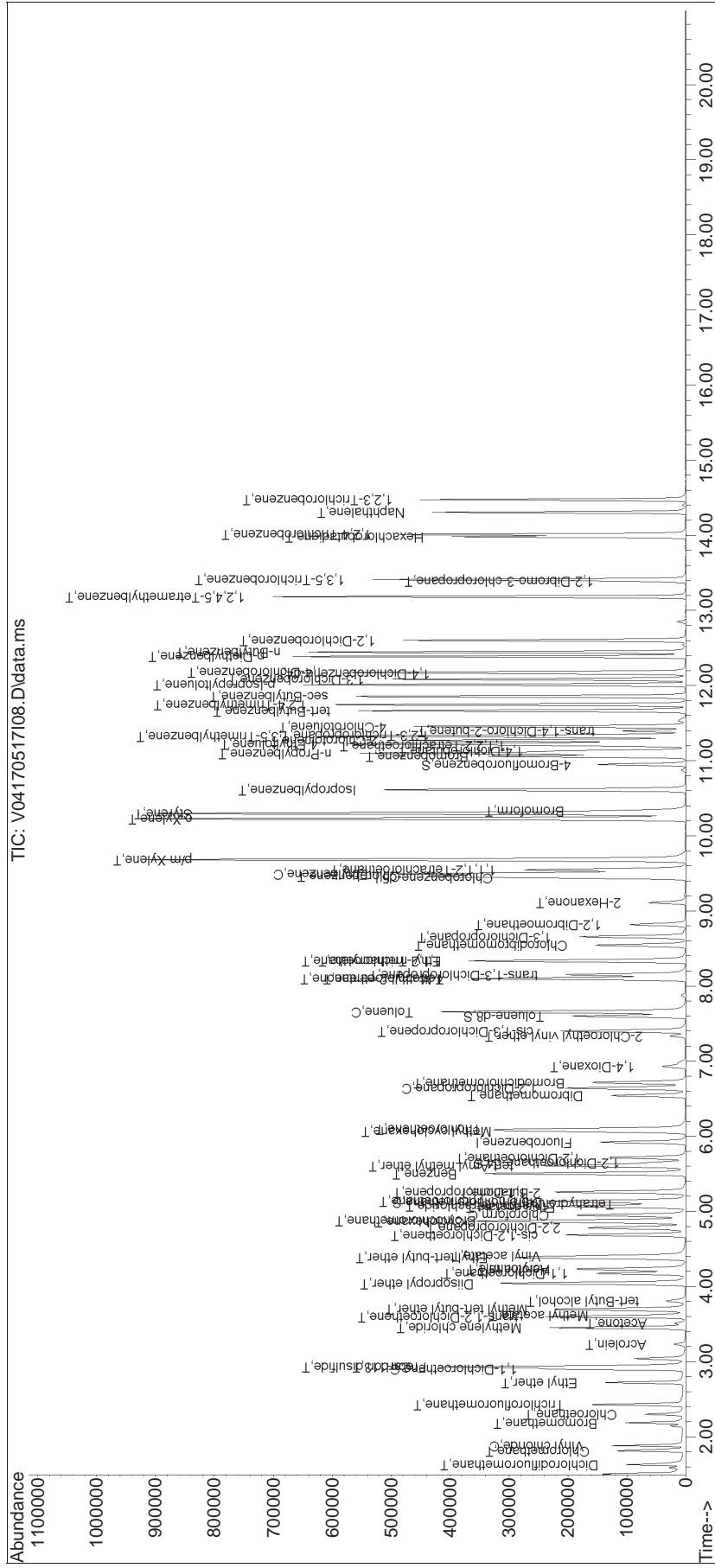
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA104\2017\170517ICAL\
 Data File : V04170517I08.D
 Acq On : 17 May 2017 2:43 pm
 Operator : VOA104:CBN
 Sample : I8260STD4
 Misc : WG1004640,ICAL13540
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 18 06:46:15 2017
 Quant Method : I:\VOLATILES\VOA104\2017\170517ICAL\VOA104_170517_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 18 06:45:13 2017
 Response via : Initial Calibration

Sub List : 8260-CurveSoil - Megamix plus Diox7ICAL\V04170517I07.D•



Manual Integration Report

Data Path : I:\VOLATILES\VOA104\2017\1QMethod : V104_170517_8260.m
Data File : V04170517I08.D Operator : VOA104:CBN
Date Inj'd : 5/17/2017 2:43 pm Instrument : VOA 104
Sample : I8260STD4 Quant Date : 5/18/2017 6:46 am

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA104\2017\170517ICAL\
 Data File : V04170517I09.D
 Acq On : 17 May 2017 3:09 pm
 Operator : VOA104:CBN
 Sample : I8260STDL5
 Misc : WG1004640,ICAL13540
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: May 18 06:46:25 2017
 Quant Method : I:\VOLATILES\VOA104\2017\170517ICAL\V104_170517_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 18 06:45:13 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA104\2017\170517ICAL\V04170517I07.D
 Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	

Internal Standards							
1) Fluorobenzene	5.922	96	142139	20.000	ug/L	0.00	
Standard Area 1 = 144832			Recovery =	98.14%			
59) Chlorobenzene-d5	9.441	117	122305	20.000	ug/L	0.00	
Standard Area 1 = 124028			Recovery =	98.61%			
79) 1,4-Dichlorobenzene-d4	12.162	152	61652	20.000	ug/L	0.00	
Standard Area 1 = 65610			Recovery =	93.97%			
System Monitoring Compounds							
36) Dibromofluoromethane	5.125	113	40050	20.022	ug/L	0.00	
Spiked Amount 20.000	Range 70 - 130		Recovery =	100.11%			
43) 1,2-Dichloroethane-d4	5.650	65	35494	19.365	ug/L	0.00	
Spiked Amount 20.000	Range 70 - 130		Recovery =	96.82%			
60) Toluene-d8	7.600	98	144259	20.276	ug/L	0.00	
Spiked Amount 20.000	Range 70 - 130		Recovery =	101.38%			
83) 4-Bromofluorobenzene	10.951	95	54533	20.135	ug/L	0.00	
Spiked Amount 20.000	Range 70 - 130		Recovery =	100.68%			
Target Compounds							
							Qvalue
2) Dichlorodifluoromethane	1.628	85	117326	59.542	ug/L		98
3) Chloromethane	1.812	50	176155	55.840	ug/L		98
4) Vinyl chloride	1.880	62	136008	58.501	ug/L		97
5) Bromomethane	2.184	94	78088	56.132	ug/L		99
6) Chloroethane	2.299	64	72036	55.065	ug/L		97
7) Trichlorofluoromethane	2.431	101	181980	60.608	ug/L		100
8) Ethyl ether	2.724	74	58020	58.220	ug/L		89
10) 1,1-Dichloroethene	2.902	96	115564	60.301	ug/L		83
11) Carbon disulfide	2.929	76	520526	62.229	ug/L		99
12) Freon-113	2.934	101	104952	59.059	ug/L	#	38
14) Acrolein	3.233	56	22046	64.655	ug/L		98
15) Methylene chloride	3.453	84	136203	57.355	ug/L		94
17) Acetone	3.511	43	26086	54.341	ug/L		96
18) trans-1,2-Dichloroethene	3.600	96	127135	58.877	ug/L		84
19) Methyl acetate	3.615	43	76064	58.357	ug/L		98
20) Methyl tert-butyl ether	3.699	73	346737	60.160	ug/L		92
21) tert-Butyl alcohol	3.809	59	66488	306.845	ug/L		98
22) Diisopropyl ether	4.045	45	490084	60.191	ug/L		99
23) 1,1-Dichloroethane	4.176	63	249416	58.081	ug/L		99
24) Halothane	4.234	117	98432	59.732	ug/L	#	100
25) Acrylonitrile	4.234	53	41082	62.722	ug/L		98

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA104\2017\170517ICAL\
 Data File : V04170517I09.D
 Acq On : 17 May 2017 3:09 pm
 Operator : VOA104:CBN
 Sample : I8260STD5
 Misc : WG1004640,ICAL13540
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: May 18 06:46:25 2017
 Quant Method : I:\VOLATILES\VOA104\2017\170517ICAL\V104_170517_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 18 06:45:13 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA104\2017\170517ICAL\V04170517I07.D
 Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
26) Ethyl tert-butyl ether	4.386	59	446929	60.844	ug/L	95
27) Vinyl acetate	4.407	43	288707	63.362	ug/L	98
28) cis-1,2-Dichloroethene	4.685	96	139676	58.866	ug/L	85
29) 2,2-Dichloropropane	4.779	77	184775	58.649	ug/L	95
30) Bromochloromethane	4.879	128	69851	58.633	ug/L	89
31) Cyclohexane	4.863	56	212871	59.747	ug/L	92
32) Chloroform	4.952	83	225865	58.029	ug/L	98
33) Ethyl acetate	5.057	43	121948	63.192	ug/L	99
34) Carbon tetrachloride	5.068	117	181441	63.885	ug/L	99
35) Tetrahydrofuran	5.099	42	44398	69.881	ug/L	96
37) 1,1,1-Trichloroethane	5.141	97	196544	59.385	ug/L	95
39) 2-Butanone	5.246	43	48301	57.967	ug/L	95
40) 1,1-Dichloropropene	5.257	75	158365	58.115	ug/L	98
41) Benzene	5.503	78	462818	56.841	ug/L	98
42) tert-Amyl methyl ether	5.608	73	320129	58.653	ug/L	97
44) 1,2-Dichloroethane	5.718	62	173521	58.745	ug/L	99
47) Methyl cyclohexane	6.069	83	169385	59.596	ug/L	92
48) Trichloroethene	6.095	95	129927	58.742	ug/L	98
50) Dibromomethane	6.541	93	78949	60.400	ug/L	98
51) 1,2-Dichloropropane	6.641	63	141828	60.054	ug/L	96
53) 2-Chloroethyl vinyl ether	7.338	63	18590	57.754	ug/L	86
54) Bromodichloromethane	6.714	83	178836	61.523	ug/L	99
57) 1,4-Dioxane	6.929	88	55588	3021.582	ug/L	89
58) cis-1,3-Dichloropropene	7.401	75	214905	60.783	ug/L	97
61) Toluene	7.653	92	314439	59.150	ug/L	99
62) 4-Methyl-2-pentanone	8.098	58	47568	60.468	ug/L	91
63) Tetrachloroethene	8.098	166	153253	59.001	ug/L	98
65) trans-1,3-Dichloropropene	8.151	75	190191	62.162	ug/L	97
67) Ethyl methacrylate	8.334	69	152921	63.697	ug/L	96
68) 1,1,2-Trichloroethane	8.339	83	96990	60.648	ug/L	98
69) Chlorodibromomethane	8.544	129	160009	62.428	ug/L	100
70) 1,3-Dichloropropane	8.659	76	187173	60.484	ug/L	99
71) 1,2-Dibromoethane	8.817	107	126057	61.152	ug/L	99
72) 2-Hexanone	9.105	43	82278	63.802	ug/L	98
73) Chlorobenzene	9.461	112	386853	59.365	ug/L	97
74) Ethylbenzene	9.498	91	603627	59.070	ug/L	98
75) 1,1,1,2-Tetrachloroethane	9.545	131	149469	60.707	ug/L	98
76) p/m Xylene	9.682	106	489707	118.337	ug/L	98
77) o Xylene	10.227	106	472623	119.818	ug/L	97
78) Styrene	10.295	104	800362	121.503	ug/L	99

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA104\2017\170517ICAL\
 Data File : V04170517I09.D
 Acq On : 17 May 2017 3:09 pm
 Operator : VOA104:CBN
 Sample : I8260STDL5
 Misc : WG1004640,ICAL13540
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: May 18 06:46:25 2017
 Quant Method : I:\VOLATILES\VOA104\2017\170517ICAL\V104_170517_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 18 06:45:13 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA104\2017\170517ICAL\V04170517I07.D
 Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) Bromoform	10.332	173	101119	64.265	ug/L	100
82) Isopropylbenzene	10.610	105	613733	60.302	ug/L	100
84) Bromobenzene	11.061	156	174017	62.040	ug/L	99
85) n-Propylbenzene	11.097	91	680782	60.276	ug/L	98
86) 1,4-Dichlorobutane	11.129	55	215881	62.139	ug/L	98
87) 1,1,2,2-Tetrachloroethane	11.202	83	141616	62.281	ug/L	99
88) 4-Ethyltoluene	11.223	105	596510	60.815	ug/L	100
89) 2-Chlorotoluene	11.270	91	415751	60.588	ug/L	99
90) 1,3,5-Trimethylbenzene	11.323	105	516308	60.571	ug/L	99
91) 1,2,3-Trichloropropane	11.338	75	100448	60.055	ug/L	95
92) trans-1,4-Dichloro-2-b...	11.396	53	38968	62.203	ug/L	94
93) 4-Chlorotoluene	11.454	91	420183	60.802	ug/L	98
94) tert-Butylbenzene	11.664	119	422040	58.917	ug/L	99
97) 1,2,4-Trimethylbenzene	11.747	105	518953	60.933	ug/L	100
98) sec-Butylbenzene	11.858	105	631408	59.322	ug/L	99
99) p-Isopropyltoluene	12.010	119	551106	60.173	ug/L	99
100) 1,3-Dichlorobenzene	12.083	146	318636	62.081	ug/L	99
101) 1,4-Dichlorobenzene	12.177	146	313929	60.036	ug/L	99
102) p-Diethylbenzene	12.387	119	326076	60.759	ug/L	98
103) n-Butylbenzene	12.445	91	479658	60.066	ug/L	98
104) 1,2-Dichlorobenzene	12.602	146	292077	61.177	ug/L	99
105) 1,2,4,5-Tetramethylben...	13.184	119	538350	61.271	ug/L	98
106) 1,2-Dibromo-3-chloropr...	13.389	155	24489	62.590	ug/L	97
107) 1,3,5-Trichlorobenzene	13.409	180	232190	61.061	ug/L	99
108) Hexachlorobutadiene	13.981	225	106667	59.717	ug/L	100
109) 1,2,4-Trichlorobenzene	14.012	180	221391	62.790	ug/L	99
110) Naphthalene	14.306	128	471729	62.225	ug/L	100
111) 1,2,3-Trichlorobenzene	14.474	180	200696	61.446	ug/L	98

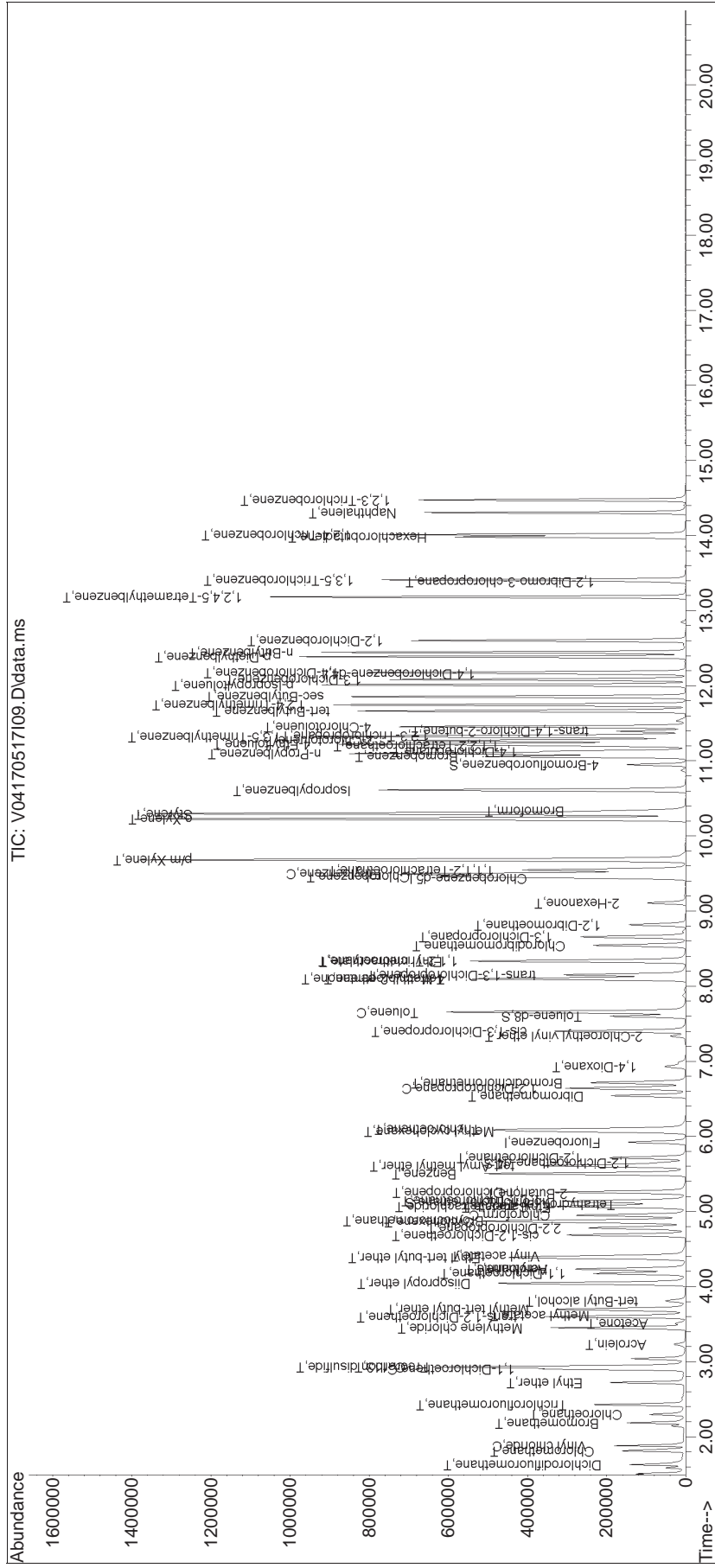
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA104\2017\170517ICAL\
 Data File : V04170517I09.D
 Acq On : 17 May 2017 3:09 pm
 Operator : VOA104:CBN
 Sample : I8260STD15
 Misc : WG1004640,ICAL13540
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: May 18 06:46:25 2017
 Quant Method : I:\VOLATILES\VOA104\2017\170517ICAL\VOA104_170517_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 18 06:45:13 2017
 Response via : Initial Calibration

Sub List : 8260-CurveSoil - Megamix plus Diox7ICAL\V04170517I07.D•



Manual Integration Report

Data Path : I:\VOLATILES\VOA104\2017\1QMethod : V104_170517_8260.m
Data File : V04170517I09.D Operator : VOA104:CBN
Date Inj'd : 5/17/2017 3:09 pm Instrument : VOA 104
Sample : I8260STD5 Quant Date : 5/18/2017 6:46 am

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA104\2017\170517ICAL\
 Data File : V04170517I10.D
 Acq On : 17 May 2017 3:36 pm
 Operator : VOA104:CBN
 Sample : I8260STDL6
 Misc : WG1004640,ICAL13540
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: May 18 06:46:35 2017
 Quant Method : I:\VOLATILES\VOA104\2017\170517ICAL\V104_170517_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 18 06:45:13 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA104\2017\170517ICAL\V04170517I07.D
 Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	

Internal Standards							
1) Fluorobenzene	5.922	96	150146	20.000	ug/L	0.00	
Standard Area 1 = 144832			Recovery =	103.67%			
59) Chlorobenzene-d5	9.440	117	123779	20.000	ug/L	0.00	
Standard Area 1 = 124028			Recovery =	99.80%			
79) 1,4-Dichlorobenzene-d4	12.162	152	64714	20.000	ug/L	0.00	
Standard Area 1 = 65610			Recovery =	98.63%			
System Monitoring Compounds							
36) Dibromofluoromethane	5.125	113	42206	19.975	ug/L	0.00	
Spiked Amount 20.000	Range 70 - 130		Recovery =	99.88%			
43) 1,2-Dichloroethane-d4	5.650	65	38362	19.813	ug/L	0.00	
Spiked Amount 20.000	Range 70 - 130		Recovery =	99.06%			
60) Toluene-d8	7.600	98	140305	19.486	ug/L	0.00	
Spiked Amount 20.000	Range 70 - 130		Recovery =	97.43%			
83) 4-Bromofluorobenzene	10.950	95	55979	19.691	ug/L	0.00	
Spiked Amount 20.000	Range 70 - 130		Recovery =	98.45%			
Target Compounds							
							Qvalue
2) Dichlorodifluoromethane	1.628	85	196595	94.451	ug/L		98
3) Chloromethane	1.812	50	291644	87.519	ug/L		99
4) Vinyl chloride	1.880	62	225570	91.850	ug/L		97
5) Bromomethane	2.184	94	133310	90.968	ug/L		99
6) Chloroethane	2.289	64	109172	79.002	ug/L		96
7) Trichlorofluoromethane	2.425	101	303175	95.587	ug/L		100
8) Ethyl ether	2.719	74	100136	95.123	ug/L		90
10) 1,1-Dichloroethene	2.902	96	188344	93.037	ug/L		86
11) Carbon disulfide	2.923	76	907840	102.745	ug/L		99
12) Freon-113	2.934	101	175450	93.465	ug/L	#	30
14) Acrolein	3.233	56	37125	103.072	ug/L		100
15) Methylene chloride	3.453	84	221573	88.328	ug/L		94
17) Acetone	3.511	43	44217	87.199	ug/L		98
18) trans-1,2-Dichloroethene	3.594	96	206550	90.554	ug/L		84
19) Methyl acetate	3.615	43	125718	91.309	ug/L		97
20) Methyl tert-butyl ether	3.694	73	577385	94.836	ug/L		92
21) tert-Butyl alcohol	3.809	59	113097	494.113	ug/L		95
22) Diisopropyl ether	4.045	45	799961	93.009	ug/L		99
23) 1,1-Dichloroethane	4.171	63	405163	89.319	ug/L		99
24) Halothane	4.229	117	155642	89.413	ug/L	#	100
25) Acrylonitrile	4.234	53	69580	100.566	ug/L		98

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA104\2017\170517ICAL\
 Data File : V04170517I10.D
 Acq On : 17 May 2017 3:36 pm
 Operator : VOA104:CBN
 Sample : I8260STDL6
 Misc : WG1004640,ICAL13540
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: May 18 06:46:35 2017
 Quant Method : I:\VOLATILES\VOA104\2017\170517ICAL\V104_170517_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 18 06:45:13 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA104\2017\170517ICAL\V04170517I07.D
 Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
26) Ethyl tert-butyl ether	4.386	59	715331	92.191	ug/L	94
27) Vinyl acetate	4.407	43	478704	99.458	ug/L	98
28) cis-1,2-Dichloroethene	4.685	96	224120	89.417	ug/L	86
29) 2,2-Dichloropropane	4.779	77	297033	89.253	ug/L	97
30) Bromochloromethane	4.879	128	116799	92.813	ug/L	88
31) Cyclohexane	4.858	56	351363	93.358	ug/L	92
32) Chloroform	4.947	83	384770	93.583	ug/L	97
33) Ethyl acetate	5.057	43	201338	98.767	ug/L	99
34) Carbon tetrachloride	5.068	117	295075	98.355	ug/L	99
35) Tetrahydrofuran	5.099	42	75482	112.471	ug/L	96
37) 1,1,1-Trichloroethane	5.136	97	330312	94.480	ug/L	94
39) 2-Butanone	5.246	43	81396	92.475	ug/L	95
40) 1,1-Dichloropropene	5.256	75	258119	89.671	ug/L	98
41) Benzene	5.503	78	765691	89.023	ug/L	97
42) tert-Amyl methyl ether	5.608	73	578226	100.292	ug/L	97
44) 1,2-Dichloroethane	5.713	62	302121	96.827	ug/L	99
47) Methyl cyclohexane	6.069	83	278765	92.849	ug/L	90
48) Trichloroethene	6.095	95	211495	90.521	ug/L	99
50) Dibromomethane	6.541	93	131549	95.275	ug/L	97
51) 1,2-Dichloropropane	6.641	63	231486	92.791	ug/L	95
53) 2-Chloroethyl vinyl ether	7.333	63	34181	100.529	ug/L	# 76
54) Bromodichloromethane	6.714	83	295713	96.306	ug/L	99
57) 1,4-Dioxane	6.929	88	95864	4932.969	ug/L	89
58) cis-1,3-Dichloropropene	7.401	75	353180	94.565	ug/L	96
61) Toluene	7.653	92	507583	94.346	ug/L	99
62) 4-Methyl-2-pentanone	8.098	58	81632	102.535	ug/L	95
63) Tetrachloroethene	8.098	166	252122	95.909	ug/L	99
65) trans-1,3-Dichloropropene	8.151	75	320709	103.572	ug/L	97
67) Ethyl methacrylate	8.334	69	257145	105.834	ug/L	97
68) 1,1,2-Trichloroethane	8.334	83	161700	99.908	ug/L	98
69) Chlorodibromomethane	8.544	129	268921	103.670	ug/L	99
70) 1,3-Dichloropropane	8.659	76	312037	99.632	ug/L	99
71) 1,2-Dibromoethane	8.816	107	212388	101.805	ug/L	98
72) 2-Hexanone	9.105	43	140744	107.839	ug/L	98
73) Chlorobenzene	9.461	112	637512	96.665	ug/L	97
74) Ethylbenzene	9.493	91	988390	95.570	ug/L	98
75) 1,1,1,2-Tetrachloroethane	9.545	131	246997	99.124	ug/L	99
76) p/m Xylene	9.682	106	801984	191.491	ug/L	99
77) o Xylene	10.227	106	767527	192.264	ug/L	99
78) Styrene	10.300	104	1301105	195.168	ug/L	100

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA104\2017\170517ICAL\
 Data File : V04170517I10.D
 Acq On : 17 May 2017 3:36 pm
 Operator : VOA104:CBN
 Sample : I8260STDL6
 Misc : WG1004640,ICAL13540
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: May 18 06:46:35 2017
 Quant Method : I:\VOLATILES\VOA104\2017\170517ICAL\V104_170517_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 18 06:45:13 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA104\2017\170517ICAL\V04170517I07.D
 Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) Bromoform	10.326	173	168931	102.282	ug/L	99
82) Isopropylbenzene	10.610	105	1008440	94.395	ug/L	100
84) Bromobenzene	11.061	156	286760	97.397	ug/L	99
85) n-Propylbenzene	11.097	91	1120966	94.554	ug/L	99
86) 1,4-Dichlorobutane	11.129	55	358027	98.178	ug/L	98
87) 1,1,2,2-Tetrachloroethane	11.202	83	230433	96.546	ug/L	99
88) 4-Ethyltoluene	11.223	105	987662	95.930	ug/L	100
89) 2-Chlorotoluene	11.270	91	668428	92.801	ug/L	100
90) 1,3,5-Trimethylbenzene	11.323	105	860387	96.160	ug/L	100
91) 1,2,3-Trichloropropane	11.338	75	173825	99.008	ug/L	97
92) trans-1,4-Dichloro-2-b...	11.396	53	68018	103.437	ug/L	93
93) 4-Chlorotoluene	11.454	91	685936	94.561	ug/L	99
94) tert-Butylbenzene	11.663	119	726637	96.639	ug/L	99
97) 1,2,4-Trimethylbenzene	11.747	105	873959	97.762	ug/L	99
98) sec-Butylbenzene	11.857	105	1082506	96.891	ug/L	99
99) p-Isopropyltoluene	12.009	119	912706	94.939	ug/L	99
100) 1,3-Dichlorobenzene	12.083	146	523580	97.184	ug/L	100
101) 1,4-Dichlorobenzene	12.177	146	522749	95.241	ug/L	100
102) p-Diethylbenzene	12.387	119	534969	94.966	ug/L	99
103) n-Butylbenzene	12.445	91	802013	95.682	ug/L	99
104) 1,2-Dichlorobenzene	12.602	146	482144	96.210	ug/L	99
105) 1,2,4,5-Tetramethylben...	13.184	119	883027	95.745	ug/L	98
106) 1,2-Dibromo-3-chloropr...	13.388	155	41732	101.614	ug/L	99
107) 1,3,5-Trichlorobenzene	13.409	180	376682	94.372	ug/L	99
108) Hexachlorobutadiene	13.981	225	174909	93.288	ug/L	99
109) 1,2,4-Trichlorobenzene	14.012	180	353461	95.504	ug/L	98
110) Naphthalene	14.306	128	767574	96.459	ug/L	100
111) 1,2,3-Trichlorobenzene	14.474	180	329864	96.215	ug/L	98

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

Manual Integration Report

Data Path : I:\VOLATILES\VOA104\2017\1QMethod : V104_170517_8260.m
Data File : V04170517I10.D Operator : VOA104:CBN
Date Inj'd : 5/17/2017 3:36 pm Instrument : VOA 104
Sample : I8260STD6 Quant Date : 5/18/2017 6:46 am

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA104\2017\170517ICAL\
 Data File : V04170517I11.D
 Acq On : 17 May 2017 4:02 pm
 Operator : VOA104:CBN
 Sample : I8260STDL7
 Misc : WG1004640,ICAL13540
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: May 18 06:46:46 2017
 Quant Method : I:\VOLATILES\VOA104\2017\170517ICAL\V104_170517_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 18 06:45:13 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA104\2017\170517ICAL\V04170517I07.D
 Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	

Internal Standards							
1) Fluorobenzene	5.923	96	139454	20.000	ug/L	0.00	
Standard Area 1 = 144832			Recovery =	96.29%			
59) Chlorobenzene-d5	9.441	117	121277	20.000	ug/L	0.00	
Standard Area 1 = 124028			Recovery =	97.78%			
79) 1,4-Dichlorobenzene-d4	12.162	152	59646	20.000	ug/L	0.00	
Standard Area 1 = 65610			Recovery =	90.91%			
System Monitoring Compounds							
36) Dibromofluoromethane	5.126	113	39033	19.889	ug/L	0.00	
Spiked Amount 20.000	Range 70 - 130		Recovery =	99.44%			
43) 1,2-Dichloroethane-d4	5.645	65	36048	20.046	ug/L	0.00	
Spiked Amount 20.000	Range 70 - 130		Recovery =	100.23%			
60) Toluene-d8	7.595	98	141202	20.015	ug/L	0.00	
Spiked Amount 20.000	Range 70 - 130		Recovery =	100.08%			
83) 4-Bromofluorobenzene	10.951	95	54356	20.744	ug/L	0.00	
Spiked Amount 20.000	Range 70 - 130		Recovery =	103.72%			
Target Compounds							
							Qvalue
2) Dichlorodifluoromethane	1.628	85	418645	216.551	ug/L		98
3) Chloromethane	1.817	50	598086	193.239	ug/L		100
4) Vinyl chloride	1.880	62	485377	212.794	ug/L		98
5) Bromomethane	2.184	94	292609	215.533	ug/L		99
6) Chloroethane	2.284	64	166447	129.684	ug/L		96
7) Trichlorofluoromethane	2.420	101	625999	212.501	ug/L		100
8) Ethyl ether	2.719	74	196957	201.441	ug/L		92
10) 1,1-Dichloroethene	2.897	96	404173	214.958	ug/L		83
11) Carbon disulfide	2.924	76	1395999	170.106	ug/L		99
12) Freon-113	2.929	101	371257	212.939	ug/L		84
14) Acrolein	3.233	56	73802	220.609	ug/L		99
15) Methylene chloride	3.453	84	446971	191.842	ug/L		93
17) Acetone	3.511	43	84962	180.396	ug/L		96
18) trans-1,2-Dichloroethene	3.595	96	435953	205.781	ug/L		85
19) Methyl acetate	3.616	43	256051	200.228	ug/L		97
20) Methyl tert-butyl ether	3.694	73	1158377	204.852	ug/L		92
21) tert-Butyl alcohol	3.810	59	215124	1011.922	ug/L		96
22) Diisopropyl ether	4.040	45	1595715	199.754	ug/L		99
23) 1,1-Dichloroethane	4.171	63	851525	202.112	ug/L		98
24) Halothane	4.229	117	341749	211.379	ug/L #		100
25) Acrylonitrile	4.234	53	140552	218.719	ug/L		99

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA104\2017\170517ICAL\
 Data File : V04170517I11.D
 Acq On : 17 May 2017 4:02 pm
 Operator : VOA104:CBN
 Sample : I8260STDL7
 Misc : WG1004640,ICAL13540
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: May 18 06:46:46 2017
 Quant Method : I:\VOLATILES\VOA104\2017\170517ICAL\V104_170517_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 18 06:45:13 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA104\2017\170517ICAL\V04170517I07.D
 Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
26) Ethyl tert-butyl ether	4.381	59	1453576	201.697	ug/L	94
27) Vinyl acetate	4.407	43	963453	215.520	ug/L	97
28) cis-1,2-Dichloroethene	4.685	96	466180	200.252	ug/L	85
29) 2,2-Dichloropropane	4.780	77	643397	208.153	ug/L	95
30) Bromochloromethane	4.879	128	230029	196.804	ug/L	88
31) Cyclohexane	4.863	56	727027	207.984	ug/L	92
32) Chloroform	4.947	83	762272	199.613	ug/L	97
33) Ethyl acetate	5.057	43	378110	199.704	ug/L	98
34) Carbon tetrachloride	5.068	117	616048	221.086	ug/L	99
35) Tetrahydrofuran	5.099	42	132794	213.039	ug/L	94
37) 1,1,1-Trichloroethane	5.136	97	674471	207.711	ug/L	94
39) 2-Butanone	5.246	43	159629	195.262	ug/L	95
40) 1,1-Dichloropropene	5.257	75	555471	207.767	ug/L	98
41) Benzene	5.503	78	1610871	201.648	ug/L	97
42) tert-Amyl methyl ether	5.608	73	1074473	200.653	ug/L	97
44) 1,2-Dichloroethane	5.713	62	582674	201.060	ug/L	99
47) Methyl cyclohexane	6.069	83	592750	212.565	ug/L	89
48) Trichloroethene	6.096	95	442033	203.698	ug/L	99
50) Dibromomethane	6.541	93	263521	205.490	ug/L	98
51) 1,2-Dichloropropane	6.641	63	476576	205.682	ug/L	95
53) 2-Chloroethyl vinyl ether	7.333	63	68125	215.722	ug/L	# 89
54) Bromodichloromethane	6.714	83	603613	211.653	ug/L	100
57) 1,4-Dioxane	6.929	88	176107	9756.909	ug/L	88
58) cis-1,3-Dichloropropene	7.401	75	740421	213.450	ug/L	96
61) Toluene	7.653	92	1055257	200.191	ug/L	99
62) 4-Methyl-2-pentanone	8.098	58	160602	205.888	ug/L	97
63) Tetrachloroethene	8.098	166	532257	206.652	ug/L	99
65) trans-1,3-Dichloropropene	8.151	75	658177	216.941	ug/L	96
67) Ethyl methacrylate	8.329	69	508209	213.481	ug/L	96
68) 1,1,2-Trichloroethane	8.334	83	320944	202.389	ug/L	97
69) Chlorodibromomethane	8.544	129	547429	215.390	ug/L	99
70) 1,3-Dichloropropane	8.659	76	624498	203.513	ug/L	99
71) 1,2-Dibromoethane	8.817	107	426968	208.883	ug/L	99
72) 2-Hexanone	9.105	43	276738	216.414	ug/L	99
73) Chlorobenzene	9.462	112	1297624	200.815	ug/L	98
74) Ethylbenzene	9.498	91	2052152	202.522	ug/L	99
75) 1,1,1,2-Tetrachloroethane	9.551	131	507924	208.043	ug/L	99
76) p/m Xylene	9.682	106	1616745	393.997	ug/L	99
77) o Xylene	10.232	106	1556233	397.876	ug/L	100
78) Styrene	10.300	104	2615095	400.362	ug/L	99

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA104\2017\170517ICAL\
 Data File : V04170517I11.D
 Acq On : 17 May 2017 4:02 pm
 Operator : VOA104:CBN
 Sample : I8260STDL7
 Misc : WG1004640,ICAL13540
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: May 18 06:46:46 2017
 Quant Method : I:\VOLATILES\VOA104\2017\170517ICAL\V104_170517_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 18 06:45:13 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA104\2017\170517ICAL\V04170517I07.D
 Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) Bromoform	10.332	173	340724	223.825	ug/L	99
82) Isopropylbenzene	10.615	105	2091185	212.377	ug/L	100
84) Bromobenzene	11.061	156	570335	210.171	ug/L	100
85) n-Propylbenzene	11.097	91	2329397	213.181	ug/L	100
86) 1,4-Dichlorobutane	11.129	55	700627	208.450	ug/L	98
87) 1,1,2,2-Tetrachloroethane	11.202	83	458910	208.610	ug/L	99
88) 4-Ethyltoluene	11.229	105	1969401	207.537	ug/L	99
89) 2-Chlorotoluene	11.270	91	1400453	210.953	ug/L	99
90) 1,3,5-Trimethylbenzene	11.328	105	1697742	205.869	ug/L	100
91) 1,2,3-Trichloropropane	11.339	75	329627	203.702	ug/L	96
92) trans-1,4-Dichloro-2-b...	11.396	53	134213	221.443	ug/L #	88
93) 4-Chlorotoluene	11.459	91	1427875	213.568	ug/L	100
94) tert-Butylbenzene	11.669	119	1461197	210.844	ug/L	99
97) 1,2,4-Trimethylbenzene	11.748	105	1698512	206.140	ug/L	99
98) sec-Butylbenzene	11.858	105	2107873	204.699	ug/L	99
99) p-Isopropyltoluene	12.015	119	1827067	206.198	ug/L	99
100) 1,3-Dichlorobenzene	12.083	146	1013876	204.179	ug/L	99
101) 1,4-Dichlorobenzene	12.177	146	1012642	200.172	ug/L	100
102) p-Diethylbenzene	12.387	119	1079375	207.887	ug/L	99
103) n-Butylbenzene	12.445	91	1603548	207.561	ug/L	98
104) 1,2-Dichlorobenzene	12.602	146	951697	206.043	ug/L	99
105) 1,2,4,5-Tetramethylben...	13.184	119	1791386	210.740	ug/L	98
106) 1,2-Dibromo-3-chloropr...	13.389	155	82946	219.127	ug/L	98
107) 1,3,5-Trichlorobenzene	13.410	180	773420	210.234	ug/L	99
108) Hexachlorobutadiene	13.981	225	375500	217.291	ug/L	99
109) 1,2,4-Trichlorobenzene	14.013	180	720595	211.247	ug/L	99
110) Naphthalene	14.306	128	1552177	211.633	ug/L	100
111) 1,2,3-Trichlorobenzene	14.474	180	673695	213.199	ug/L	98

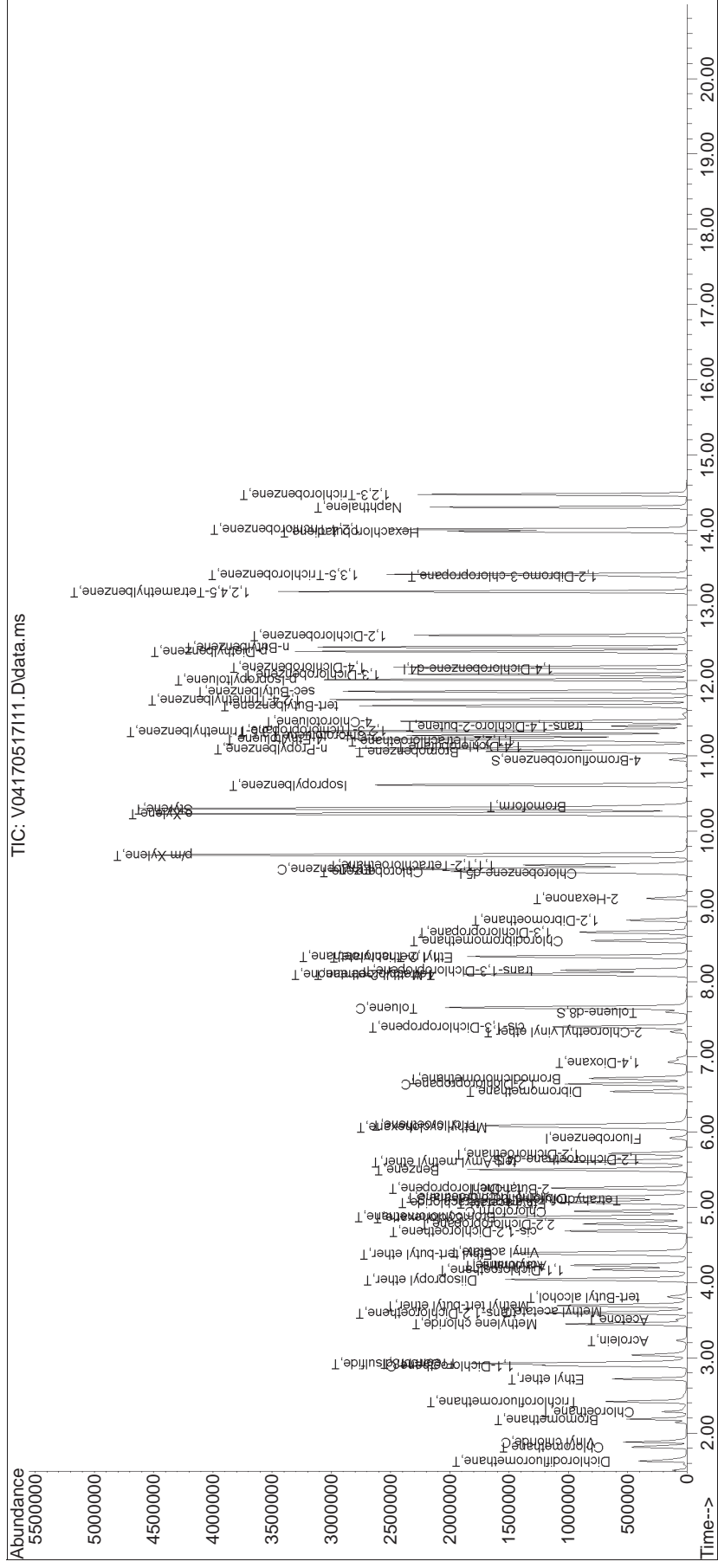
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA104\2017\170517ICAL\
 Data File : V04170517I11.D
 Acq On : 17 May 2017 4:02 pm
 Operator : VOA104:CBN
 Sample : I8260STD17
 Misc : WG1004640,ICAL13540
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: May 18 06:46:46 2017
 Quant Method : I:\VOLATILES\VOA104\2017\170517ICAL\VOA104_170517_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 18 06:45:13 2017
 Response via : Initial Calibration

Sub List : 8260-CurveSoil - Megamix plus Diox7ICAL\V04170517I07.D•



Manual Integration Report

Data Path : I:\VOLATILES\VOA104\2017\1QMethod : V104_170517_8260.m
Data File : V04170517I11.D Operator : VOA104:CBN
Date Inj'd : 5/17/2017 4:02 pm Instrument : VOA 104
Sample : I8260STD7 Quant Date : 5/18/2017 6:46 am

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA104\2017\170517ICAL\
 Data File : V04170517I12.D
 Acq On : 17 May 2017 4:28 pm
 Operator : VOA104:CBN
 Sample : I8260STDL8
 Misc : WG1004640,ICAL13540
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: May 18 06:46:57 2017
 Quant Method : I:\VOLATILES\VOA104\2017\170517ICAL\V104_170517_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 18 06:45:13 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA104\2017\170517ICAL\V04170517I07.D
 Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	

Internal Standards							
1) Fluorobenzene	5.922	96	142514	20.000	ug/L	0.00	
Standard Area 1 = 144832			Recovery =	98.40%			
59) Chlorobenzene-d5	9.441	117	122675	20.000	ug/L	0.00	
Standard Area 1 = 124028			Recovery =	98.91%			
79) 1,4-Dichlorobenzene-d4	12.162	152	61889	20.000	ug/L	0.00	
Standard Area 1 = 65610			Recovery =	94.33%			
System Monitoring Compounds							
36) Dibromofluoromethane	5.126	113	39341	19.616	ug/L	0.00	
Spiked Amount 20.000	Range 70 - 130		Recovery =	98.08%			
43) 1,2-Dichloroethane-d4	5.650	65	37393	20.347	ug/L	0.00	
Spiked Amount 20.000	Range 70 - 130		Recovery =	101.74%			
60) Toluene-d8	7.600	98	146357	20.509	ug/L	0.00	
Spiked Amount 20.000	Range 70 - 130		Recovery =	102.55%			
83) 4-Bromofluorobenzene	10.951	95	54592	20.079	ug/L	0.00	
Spiked Amount 20.000	Range 70 - 130		Recovery =	100.40%			
Target Compounds							
							Qvalue
2) Dichlorodifluoromethane	1.628	85	566208	286.592	ug/L		97
3) Chloromethane	1.817	50	840137	265.616	ug/L		99
4) Vinyl chloride	1.880	62	665440	285.471	ug/L		97
5) Bromomethane	2.184	94	416093	300.069	ug/L		99
6) Chloroethane	2.279	64	146155	111.429	ug/L		96
7) Trichlorofluoromethane	2.410	101	828839	275.315	ug/L		99
8) Ethyl ether	2.719	74	285426	285.656	ug/L		93
10) 1,1-Dichloroethene	2.892	96	543891	283.056	ug/L		85
11) Carbon disulfide	2.918	76	2001841	238.692	ug/L		99
12) Freon-113	2.929	101	499055	280.093	ug/L		74
14) Acrolein	3.228	56	110299	322.627	ug/L		98
15) Methylene chloride	3.448	84	655455	275.284	ug/L		91
17) Acetone	3.505	43	130298	270.716	ug/L		97
18) trans-1,2-Dichloroethene	3.595	96	603440	278.723	ug/L		84
19) Methyl acetate	3.616	43	370535	283.532	ug/L		97
20) Methyl tert-butyl ether	3.699	73	1699803	294.146	ug/L		91
21) tert-Butyl alcohol	3.815	59	331301	1524.945	ug/L		97
22) Diisopropyl ether	4.045	45	2340045	286.641	ug/L		99
23) 1,1-Dichloroethane	4.171	63	1210906	281.242	ug/L		98
24) Halothane	4.229	117	481661	291.521	ug/L	#	100
25) Acrylonitrile	4.234	53	208314	317.206	ug/L		98

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA104\2017\170517ICAL\
 Data File : V04170517I12.D
 Acq On : 17 May 2017 4:28 pm
 Operator : VOA104:CBN
 Sample : I8260STDL8
 Misc : WG1004640,ICAL13540
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: May 18 06:46:57 2017
 Quant Method : I:\VOLATILES\VOA104\2017\170517ICAL\V104_170517_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 18 06:45:13 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA104\2017\170517ICAL\V04170517I07.D
 Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
26) Ethyl tert-butyl ether	4.386	59	2120367	287.904	ug/L	94
27) Vinyl acetate	4.407	43	1411954	309.065	ug/L	97
28) cis-1,2-Dichloroethene	4.685	96	659935	277.394	ug/L	84
29) 2,2-Dichloropropane	4.779	77	892885	282.665	ug/L	94
30) Bromochloromethane	4.879	128	331154	277.239	ug/L	87
31) Cyclohexane	4.858	56	987056	276.309	ug/L	91
32) Chloroform	4.947	83	1097779	281.298	ug/L	97
33) Ethyl acetate	5.057	43	556139	287.425	ug/L	98
34) Carbon tetrachloride	5.068	117	856575	300.805	ug/L	99
35) Tetrahydrofuran	5.099	42	172378	270.605	ug/L #	84
37) 1,1,1-Trichloroethane	5.136	97	946201	285.137	ug/L	94
39) 2-Butanone	5.246	43	238361	285.308	ug/L	95
40) 1,1-Dichloropropene	5.257	75	768132	281.141	ug/L	98
41) Benzene	5.503	78	2223543	272.366	ug/L	97
42) tert-Amyl methyl ether	5.608	73	1578413	288.432	ug/L	97
44) 1,2-Dichloroethane	5.713	62	845933	285.633	ug/L	99
47) Methyl cyclohexane	6.069	83	810703	284.483	ug/L	89
48) Trichloroethene	6.090	95	622304	280.613	ug/L	99
50) Dibromomethane	6.541	93	387265	295.500	ug/L	98
51) 1,2-Dichloropropane	6.641	63	685255	289.394	ug/L	96
53) 2-Chloroethyl vinyl ether	7.333	63	104858	324.910	ug/L #	68
54) Bromodichloromethane	6.714	83	879304	301.701	ug/L	100
57) 1,4-Dioxane	6.929	88	272181	14755.940	ug/L	88
58) cis-1,3-Dichloropropene	7.401	75	1079056	304.393	ug/L	96
61) Toluene	7.658	92	1522067	285.458	ug/L	99
62) 4-Methyl-2-pentanone	8.098	58	234897	297.700	ug/L #	97
63) Tetrachloroethene	8.098	166	738082	283.299	ug/L	99
65) trans-1,3-Dichloropropene	8.151	75	958235	312.244	ug/L	96
67) Ethyl methacrylate	8.329	69	749713	311.339	ug/L	97
68) 1,1,2-Trichloroethane	8.334	83	466325	290.715	ug/L	97
69) Chlorodibromomethane	8.544	129	802883	312.301	ug/L	99
70) 1,3-Dichloropropane	8.659	76	914752	294.705	ug/L	99
71) 1,2-Dibromoethane	8.817	107	630365	304.875	ug/L	99
72) 2-Hexanone	9.105	43	415924	321.553	ug/L	98
73) Chlorobenzene	9.462	112	1851227	283.224	ug/L	98
74) Ethylbenzene	9.498	91	2900541	282.985	ug/L	99
75) 1,1,1,2-Tetrachloroethane	9.551	131	731400	296.164	ug/L	98
76) p/m Xylene	9.682	106	2249868	542.039	ug/L	99
77) o Xylene	10.232	106	2155219	544.737	ug/L	99
78) Styrene	10.300	104	3646381	551.886	ug/L	99

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA104\2017\170517ICAL\
 Data File : V04170517I12.D
 Acq On : 17 May 2017 4:28 pm
 Operator : VOA104:CBN
 Sample : I8260STDL8
 Misc : WG1004640,ICAL13540
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: May 18 06:46:57 2017
 Quant Method : I:\VOLATILES\VOA104\2017\170517ICAL\V104_170517_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 18 06:45:13 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA104\2017\170517ICAL\V04170517I07.D
 Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) Bromoform	10.337	173	499922	316.502	ug/L	99
82) Isopropylbenzene	10.615	105	2886965	282.569	ug/L	100
84) Bromobenzene	11.061	156	831723	295.386	ug/L	100
85) n-Propylbenzene	11.103	91	3177781	280.282	ug/L	99
86) 1,4-Dichlorobutane	11.129	55	1009946	289.588	ug/L	97
87) 1,1,2,2-Tetrachloroethane	11.207	83	679522	297.700	ug/L	100
88) 4-Ethyltoluene	11.228	105	2823900	286.800	ug/L	99
89) 2-Chlorotoluene	11.270	91	1934037	280.769	ug/L	99
90) 1,3,5-Trimethylbenzene	11.328	105	2373199	277.345	ug/L	100
91) 1,2,3-Trichloropropane	11.344	75	475152	282.992	ug/L	95
92) trans-1,4-Dichloro-2-b...	11.396	53	200646	319.055	ug/L #	86
93) 4-Chlorotoluene	11.459	91	1984371	286.046	ug/L	100
94) tert-Butylbenzene	11.669	119	2020547	280.989	ug/L	99
97) 1,2,4-Trimethylbenzene	11.747	105	2429264	284.143	ug/L	98
98) sec-Butylbenzene	11.858	105	2981575	279.052	ug/L	99
99) p-Isopropyltoluene	12.015	119	2639503	287.092	ug/L	99
100) 1,3-Dichlorobenzene	12.083	146	1461555	283.668	ug/L	99
101) 1,4-Dichlorobenzene	12.177	146	1490698	283.991	ug/L	99
102) p-Diethylbenzene	12.387	119	1530324	284.058	ug/L	99
103) n-Butylbenzene	12.445	91	2254735	281.273	ug/L	98
104) 1,2-Dichlorobenzene	12.602	146	1385869	289.167	ug/L	99
105) 1,2,4,5-Tetramethylben...	13.184	119	2548746	288.969	ug/L	97
106) 1,2-Dibromo-3-chloropr...	13.389	155	123777	315.144	ug/L	98
107) 1,3,5-Trichlorobenzene	13.415	180	1070250	280.376	ug/L	98
108) Hexachlorobutadiene	13.986	225	507049	282.780	ug/L	100
109) 1,2,4-Trichlorobenzene	14.012	180	1008682	284.984	ug/L	99
110) Naphthalene	14.306	128	2262342	297.281	ug/L	100
111) 1,2,3-Trichlorobenzene	14.474	180	947855	289.090	ug/L	99

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

Manual Integration Report

Data Path : I:\VOLATILES\VOA104\2017\1QMethod : V104_170517_8260.m
Data File : V04170517I12.D Operator : VOA104:CBN
Date Inj'd : 5/17/2017 4:28 pm Instrument : VOA 104
Sample : I8260STD8 Quant Date : 5/18/2017 6:46 am

There are no manual integrations or false positives in this file.

Evaluate Continuing Calibration Report

Data Path : I:\VOLATILES\VOA104\2017\170517ICAL\
 Data File : V04170517I15.D
 Acq On : 17 May 2017 5:47 pm
 Operator : VOA104:CBN
 Sample : C8260STDL3
 Misc : WG1004640,ICAL13540
 ALS Vial : 15 Sample Multiplier: 1

Quant Time: May 18 06:51:23 2017
 Quant Method : I:\VOLATILES\VOA104\2017\170517ICAL\V104_170517_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 18 06:45:13 2017
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.05min
 Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Fluorobenzene	1.000	1.000	0.0	102	0.00
2 T	Dichlorodifluoromethane	0.277	0.386	-39.4#	142	0.00
3 T	Chloromethane	0.444	0.570	-28.4#	132	0.00
4 C	Vinyl chloride	0.327	0.386	-18.0	122	0.00
5 T	Bromomethane	* 20.000	21.901	-9.5	124	0.00
6 T	Chloroethane	0.184	0.193	-4.9	108	0.00
7 T	Trichlorofluoromethane	0.422	0.457	-8.3	109	0.00
8 T	Ethyl ether	0.140	0.131	6.4	93	0.00
10 C	1,1-Dichloroethene	0.270	0.285	-5.6	110	0.00
11 T	Carbon disulfide	1.177	1.449	-23.1#	118	0.00
12 T	Freon-113	0.250	0.297	-18.8	116	0.00
14 T	Acrolein	0.048	0.043	10.4	89	0.00
15 T	Methylene chloride	0.334	0.329	1.5	103	0.00
17 T	Acetone	0.068	0.063	7.4	90	0.00
18 T	trans-1,2-Dichloroethene	0.304	0.304	0.0	102	0.00
19 T	Methyl acetate	0.183	0.198	-8.2	105	0.00
20 T	Methyl tert-butyl ether	0.811	0.716	11.7	89	0.00
21 T	tert-Butyl alcohol	0.030	0.030	0.0	98	0.00
22 T	Diisopropyl ether	1.146	1.096	4.4	95	0.00
23 T	1,1-Dichloroethane	0.604	0.619	-2.5	104	0.00
24 T	Halothane	0.232	0.242	-4.3	107	0.00
25 T	Acrylonitrile	0.092	0.097	-5.4	97	0.00
26 T	Ethyl tert-butyl ether	1.034	0.982	5.0	95	0.00
27 T	Vinyl acetate	0.641	0.605	5.6	90	0.00
28 T	cis-1,2-Dichloroethene	0.334	0.326	2.4	102	0.00
29 T	2,2-Dichloropropane	0.443	0.439	0.9	102	0.00
30 T	Bromochloromethane	0.168	0.163	3.0	94	0.00
31 T	Cyclohexane	0.501	0.545	-8.8	108	0.00
32 C	Chloroform	0.548	0.540	1.5	101	0.00
33 T	Ethyl acetate	0.272	0.258	5.1	93	0.00
34 T	Carbon tetrachloride	0.400	0.391	2.3	99	0.00
35 T	Tetrahydrofuran	0.089	0.089	0.0	104	0.00
36 S	Dibromofluoromethane	0.281	0.281	0.0	101	0.00
37 T	1,1,1-Trichloroethane	0.466	0.461	1.1	102	0.00
39 T	2-Butanone	0.117	0.122	-4.3	94	0.00
40 T	1,1-Dichloropropene	0.383	0.383	0.0	98	0.00
41 T	Benzene	1.146	1.106	3.5	102	0.00
42 T	tert-Amyl methyl ether	0.768	0.722	6.0	95	0.00
43 S	1,2-Dichloroethane-d4	0.258	0.257	0.4	102	0.00

Evaluate Continuing Calibration Report

Data Path : I:\VOLATILES\VOA104\2017\170517ICAL\
 Data File : V04170517I15.D
 Acq On : 17 May 2017 5:47 pm
 Operator : VOA104:CBN
 Sample : C8260STDL3
 Misc : WG1004640,ICAL13540
 ALS Vial : 15 Sample Multiplier: 1

Quant Time: May 18 06:51:23 2017
 Quant Method : I:\VOLATILES\VOA104\2017\170517ICAL\V104_170517_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 18 06:45:13 2017
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.05min
 Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
44 T	1,2-Dichloroethane	0.416	0.398	4.3	97	0.00
47 T	Methyl cyclohexane	0.400	0.452	-13.0	117	0.00
48 T	Trichloroethene	0.311	0.312	-0.3	103	0.00
50 T	Dibromomethane	0.184	0.172	6.5	94	0.00
51 C	1,2-Dichloropropane	0.332	0.326	1.8	98	0.00
53 T	2-Chloroethyl vinyl ether	0.045	0.044	2.2	96	0.00
54 T	Bromodichloromethane	0.409	0.382	6.6	94	0.00
57 T	1,4-Dioxane	0.00259	0.00248	4.2	94	0.00
58 T	cis-1,3-Dichloropropene	0.497	0.486	2.2	99	0.00
59 I	Chlorobenzene-d5	1.000	1.000	0.0	100	0.00
60 S	Toluene-d8	1.163	1.190	-2.3	101	0.00
61 C	Toluene	0.869	0.879	-1.2	101	0.00
62 T	4-Methyl-2-pentanone	0.129	0.131	-1.6	100	0.00
63 T	Tetrachloroethene	0.425	0.426	-0.2	100	0.00
65 T	trans-1,3-Dichloropropene	0.500	0.502	-0.4	98	0.00
67 T	Ethyl methacrylate	0.393	0.387	1.5	93	0.00
68 T	1,1,2-Trichloroethane	0.262	0.261	0.4	96	0.00
69 T	Chlorodibromomethane	0.419	0.414	1.2	98	0.00
70 T	1,3-Dichloropropane	0.506	0.512	-1.2	99	0.00
71 T	1,2-Dibromoethane	0.337	0.333	1.2	96	0.00
72 T	2-Hexanone	0.211	0.220	-4.3	102	0.00
73 T	Chlorobenzene	1.066	1.074	-0.8	101	0.00
74 C	Ethylbenzene	1.671	1.692	-1.3	102	0.00
75 T	1,1,1,2-Tetrachloroethane	0.403	0.404	-0.2	100	0.00
76 T	p/m Xylene	0.677	0.681	-0.6	99	0.00
77 T	o Xylene	0.645	0.648	-0.5	100	0.00
78 T	Styrene	1.077	1.087	-0.9	99	0.00
79 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	98	0.00
80 T	Bromoform	0.510	0.484	5.1	95	0.00
82 T	Isopropylbenzene	3.302	3.262	1.2	102	0.00
83 S	4-Bromofluorobenzene	0.879	0.860	2.2	98	0.00
84 T	Bromobenzene	0.910	0.906	0.4	100	0.00
85 T	n-Propylbenzene	3.664	3.619	1.2	99	0.00
86 T	1,4-Dichlorobutane	1.127	1.082	4.0	96	0.00
87 T	1,1,2,2-Tetrachloroethane	0.738	0.691	6.4	93	0.00
88 T	4-Ethyltoluene	3.182	3.231	-1.5	102	0.00
89 T	2-Chlorotoluene	2.226	2.206	0.9	101	0.00

Evaluate Continuing Calibration Report

Data Path : I:\VOLATILES\VOA104\2017\170517ICAL\
 Data File : V04170517I15.D
 Acq On : 17 May 2017 5:47 pm
 Operator : VOA104:CBN
 Sample : C8260STD3
 Misc : WG1004640,ICAL13540
 ALS Vial : 15 Sample Multiplier: 1

Quant Time: May 18 06:51:23 2017
 Quant Method : I:\VOLATILES\VOA104\2017\170517ICAL\V104_170517_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 18 06:45:13 2017
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.05min
 Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	1,3,5-Trimethylbenzene	2.765	2.700	2.4	100	0.00
91 T	1,2,3-Trichloropropane	0.543	0.530	2.4	96	0.00
92 T	trans-1,4-Dichloro-2-butene	0.203	0.174	14.3	84	0.00
93 T	4-Chlorotoluene	2.242	2.253	-0.5	102	0.00
94 T	tert-Butylbenzene	2.324	2.335	-0.5	102	0.00
97 T	1,2,4-Trimethylbenzene	2.763	2.809	-1.7	101	0.00
98 T	sec-Butylbenzene	3.453	3.381	2.1	98	0.00
99 T	p-Isopropyltoluene	2.971	2.874	3.3	99	0.00
100 T	1,3-Dichlorobenzene	1.665	1.631	2.0	99	0.00
101 T	1,4-Dichlorobenzene	1.696	1.651	2.7	100	0.00
102 T	p-Diethylbenzene	1.741	1.677	3.7	99	0.00
103 T	n-Butylbenzene	2.591	2.638	-1.8	103	0.00
104 T	1,2-Dichlorobenzene	1.549	1.507	2.7	97	0.00
105 T	1,2,4,5-Tetramethylbenzene	2.850	2.786	2.2	100	0.00
106 T	1,2-Dibromo-3-chloropropane	0.127	0.121	4.7	100	0.00
107 T	1,3,5-Trichlorobenzene	1.234	1.191	3.5	97	0.00
108 T	Hexachlorobutadiene	0.579	0.560	3.3	99	0.00
109 T	1,2,4-Trichlorobenzene	1.144	1.116	2.4	99	0.00
110 T	Naphthalene	2.459	2.422	1.5	99	0.00
111 T	1,2,3-Trichlorobenzene	1.060	1.025	3.3	97	0.00

* Evaluation of CC level amount vs concentration.
 (#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA104\2017\170517ICAL\
 Data File : V04170517I15.D
 Acq On : 17 May 2017 5:47 pm
 Operator : VOA104:CBN
 Sample : C8260STDL3
 Misc : WG1004640,ICAL13540
 ALS Vial : 15 Sample Multiplier: 1

Quant Time: May 18 06:51:23 2017
 Quant Method : I:\VOLATILES\VOA104\2017\170517ICAL\V104_170517_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 18 06:45:13 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA104\2017\170517ICAL\V04170517I07.D
 Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	

Internal Standards							
1) Fluorobenzene	5.922	96	147821	20.000	ug/L	0.00	
Standard Area 1 = 144832			Recovery =	102.06%			
59) Chlorobenzene-d5	9.441	117	123997	20.000	ug/L	0.00	
Standard Area 1 = 124028			Recovery =	99.98%			
79) 1,4-Dichlorobenzene-d4	12.162	152	64360	20.000	ug/L	0.00	
Standard Area 1 = 65610			Recovery =	98.09%			
System Monitoring Compounds							
36) Dibromofluoromethane	5.125	113	41568	19.982	ug/L	0.00	
Spiked Amount 20.000	Range 70 - 130		Recovery =	99.91%			
43) 1,2-Dichloroethane-d4	5.650	65	38020	19.945	ug/L	0.00	
Spiked Amount 20.000	Range 70 - 130		Recovery =	99.72%			
60) Toluene-d8	7.600	98	147508	20.450	ug/L	0.00	
Spiked Amount 20.000	Range 70 - 130		Recovery =	102.25%			
83) 4-Bromofluorobenzene	10.945	95	55377	19.586	ug/L	0.00	
Spiked Amount 20.000	Range 70 - 130		Recovery =	97.93%			
Target Compounds							
							Qvalue
2) Dichlorodifluoromethane	1.628	85	57056	27.843	ug/L		98
3) Chloromethane	1.812	50	84226	25.673	ug/L		99
4) Vinyl chloride	1.880	62	57088	23.611	ug/L		97
5) Bromomethane	2.184	94	32042	21.901	ug/L		98
6) Chloroethane	2.299	64	28597	21.020	ug/L		97
7) Trichlorofluoromethane	2.431	101	67575	21.641	ug/L		100
8) Ethyl ether	2.724	74	19376	18.695	ug/L		85
10) 1,1-Dichloroethene	2.902	96	42076	21.111	ug/L		85
11) Carbon disulfide	2.929	76	214136	24.616	ug/L		98
12) Freon-113	2.934	101	43887	23.747	ug/L	#	41
14) Acrolein	3.233	56	6389	18.017	ug/L		95
15) Methylene chloride	3.453	84	48700	19.719	ug/L		93
17) Acetone	3.511	43	9349	18.727	ug/L		98
18) trans-1,2-Dichloroethene	3.600	96	44915	20.001	ug/L		86
19) Methyl acetate	3.621	43	29282	21.602	ug/L		95
20) Methyl tert-butyl ether	3.694	73	105910	17.669	ug/L		94
21) tert-Butyl alcohol	3.809	59	22065	97.917	ug/L		94
22) Diisopropyl ether	4.040	45	162074	19.140	ug/L		98
23) 1,1-Dichloroethane	4.171	63	91509	20.491	ug/L		99
24) Halothane	4.229	117	35745	20.858	ug/L	#	100
25) Acrylonitrile	4.239	53	14329	21.036	ug/L		95

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA104\2017\170517ICAL\
 Data File : V04170517I15.D
 Acq On : 17 May 2017 5:47 pm
 Operator : VOA104:CBN
 Sample : C8260STDL3
 Misc : WG1004640,ICAL13540
 ALS Vial : 15 Sample Multiplier: 1

Quant Time: May 18 06:51:23 2017
 Quant Method : I:\VOLATILES\VOA104\2017\170517ICAL\V104_170517_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 18 06:45:13 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA104\2017\170517ICAL\V04170517I07.D
 Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
26) Ethyl tert-butyl ether	4.381	59	145104	18.995	ug/L	97
27) Vinyl acetate	4.407	43	89434	18.874	ug/L	99
28) cis-1,2-Dichloroethene	4.685	96	48204	19.534	ug/L	85
29) 2,2-Dichloropropane	4.779	77	64843	19.791	ug/L	96
30) Bromochloromethane	4.879	128	24084	19.439	ug/L	89
31) Cyclohexane	4.863	56	80635	21.762	ug/L	91
32) Chloroform	4.952	83	79871	19.732	ug/L	97
33) Ethyl acetate	5.063	43	38096	18.982	ug/L	99
34) Carbon tetrachloride	5.068	117	57819	19.575	ug/L	100
35) Tetrahydrofuran	5.105	42	13211	19.995	ug/L	98
37) 1,1,1-Trichloroethane	5.136	97	68200	19.814	ug/L	94
39) 2-Butanone	5.251	43	17995	20.766	ug/L	96
40) 1,1-Dichloropropene	5.257	75	56566	19.960	ug/L	98
41) Benzene	5.503	78	163563	19.316	ug/L	97
42) tert-Amyl methyl ether	5.608	73	106690	18.796	ug/L	97
44) 1,2-Dichloroethane	5.718	62	58785	19.136	ug/L	99
47) Methyl cyclohexane	6.069	83	66786	22.594	ug/L	89
48) Trichloroethene	6.095	95	46150	20.063	ug/L	98
50) Dibromomethane	6.541	93	25472	18.738	ug/L	99
51) 1,2-Dichloropropane	6.641	63	48192	19.622	ug/L	96
53) 2-Chloroethyl vinyl ether	7.343	63	6460	19.298	ug/L	# 81
54) Bromodichloromethane	6.714	83	56511	18.694	ug/L	99
57) 1,4-Dioxane	6.934	88	18293	956.127	ug/L	88
58) cis-1,3-Dichloropropene	7.401	75	71833	19.536	ug/L	97
61) Toluene	7.658	92	109054	20.235	ug/L	99
62) 4-Methyl-2-pentanone	8.104	58	16302	20.440	ug/L	90
63) Tetrachloroethene	8.098	166	52884	20.082	ug/L	98
65) trans-1,3-Dichloropropene	8.151	75	62236	20.064	ug/L	96
67) Ethyl methacrylate	8.334	69	47976	19.711	ug/L	92
68) 1,1,2-Trichloroethane	8.339	83	32367	19.963	ug/L	98
69) Chlorodibromomethane	8.544	129	51312	19.746	ug/L	99
70) 1,3-Dichloropropane	8.654	76	63480	20.233	ug/L	99
71) 1,2-Dibromoethane	8.817	107	41308	19.766	ug/L	100
72) 2-Hexanone	9.115	43	27341	20.912	ug/L	96
73) Chlorobenzene	9.461	112	133203	20.162	ug/L	98
74) Ethylbenzene	9.498	91	209741	20.245	ug/L	98
75) 1,1,1,2-Tetrachloroethane	9.545	131	50154	20.092	ug/L	99
76) p/m Xylene	9.682	106	168762	40.225	ug/L	98
77) o Xylene	10.227	106	160811	40.212	ug/L	97
78) Styrene	10.300	104	269619	40.372	ug/L	99

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA104\2017\170517ICAL\
 Data File : V04170517I15.D
 Acq On : 17 May 2017 5:47 pm
 Operator : VOA104:CBN
 Sample : C8260STDL3
 Misc : WG1004640,ICAL13540
 ALS Vial : 15 Sample Multiplier: 1

Quant Time: May 18 06:51:23 2017
 Quant Method : I:\VOLATILES\VOA104\2017\170517ICAL\V104_170517_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 18 06:45:13 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA104\2017\170517ICAL\V04170517I07.D
 Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) Bromoform	10.332	173	31164	18.973	ug/L	99
82) Isopropylbenzene	10.615	105	209963	19.762	ug/L	100
84) Bromobenzene	11.061	156	58281	19.904	ug/L	98
85) n-Propylbenzene	11.097	91	232932	19.756	ug/L	99
86) 1,4-Dichlorobutane	11.129	55	69627	19.198	ug/L	99
87) 1,1,2,2-Tetrachloroethane	11.202	83	44472	18.735	ug/L	100
88) 4-Ethyltoluene	11.223	105	207941	20.308	ug/L	100
89) 2-Chlorotoluene	11.270	91	141978	19.820	ug/L	100
90) 1,3,5-Trimethylbenzene	11.323	105	173750	19.526	ug/L	98
91) 1,2,3-Trichloropropane	11.344	75	34119	19.540	ug/L	97
92) trans-1,4-Dichloro-2-b...	11.396	53	11220	17.156	ug/L	95
93) 4-Chlorotoluene	11.454	91	144988	20.098	ug/L	99
94) tert-Butylbenzene	11.664	119	150312	20.101	ug/L	99
97) 1,2,4-Trimethylbenzene	11.747	105	180790	20.335	ug/L	100
98) sec-Butylbenzene	11.858	105	217577	19.582	ug/L	98
99) p-Isopropyltoluene	12.010	119	184984	19.348	ug/L	100
100) 1,3-Dichlorobenzene	12.083	146	104997	19.596	ug/L	99
101) 1,4-Dichlorobenzene	12.177	146	106265	19.467	ug/L	100
102) p-Diethylbenzene	12.387	119	107914	19.262	ug/L	99
103) n-Butylbenzene	12.445	91	169801	20.369	ug/L	97
104) 1,2-Dichlorobenzene	12.602	146	96962	19.455	ug/L	100
105) 1,2,4,5-Tetramethylben...	13.184	119	179275	19.545	ug/L	97
106) 1,2-Dibromo-3-chloropr...	13.389	155	7795	19.085	ug/L	95
107) 1,3,5-Trichlorobenzene	13.409	180	76664	19.313	ug/L	99
108) Hexachlorobutadiene	13.981	225	36048	19.332	ug/L	99
109) 1,2,4-Trichlorobenzene	14.012	180	71809	19.509	ug/L	98
110) Naphthalene	14.306	128	155905	19.700	ug/L	100
111) 1,2,3-Trichlorobenzene	14.474	180	65963	19.346	ug/L	99

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

Manual Integration Report

Data Path : I:\VOLATILES\VOA104\2017\1QMethod : V104_170517_8260.m
Data File : V04170517I15.D Operator : VOA104:CBN
Date Inj'd : 5/17/2017 5:47 pm Instrument : VOA 104
Sample : C8260STD3 Quant Date : 5/18/2017 6:51 am

There are no manual integrations or false positives in this file.

Response Factor Report VOA 117

Method Path : I:\VOLATILES\VOA117\2017\170525ICAL\
 Method File : V117_170525_8260.m
 Title : VOLATILES BY GC/MS
 Last Update : Thu May 25 12:01:44 2017
 Response Via : Initial Calibration

Calibration Files

L1 =V17170525I05.D L2 =V17170525I07.D L3 =V17170525I08.D L4 =V17170525I09.D L5 =V17170525I10.D
 L6 =V17170525I11.D L7 =V17170525I12.D L8 =V17170525I13.D

Compound	L1	L2	L3	L4	L5	L6	L7	L8	Avg	%RSD
1) I Fluorobenzene	0.413	0.438	0.433	0.431	0.453	0.448	0.444	0.444	0.438	2.87
2) T Dichlorodifluo...	0.639	0.588	0.524	0.507	0.513	0.501	0.495	0.501	0.533	9.74
3) T Chloromethane	0.505	0.528	0.520	0.514	0.526	0.523	0.516	0.521	0.519	1.42
4) C Vinyl chloride	0.411	0.373	0.319	0.309	0.315	0.312	0.311	0.322	0.334	11.23
5) T Bromomethane	0.278	0.307	0.286	0.285	0.291	0.298	0.292	0.179	0.277	14.64
6) T Chloroethane	0.633	0.675	0.661	0.652	0.678	0.677	0.674	0.675	0.666	2.41
7) T Trichlorofluor...	0.126	0.141	0.136	0.146	0.144	0.149	0.148	0.151	0.143	5.92
8) T Ethyl ether	0.322	0.315	0.300	0.303	0.310	0.317	0.317	0.327	0.314	2.92
10) C 1,1-Dichloroet...	1.535	1.196	1.144	1.119	1.103	1.103	1.080	1.104	1.183	13.49
11) T Carbon disulfide	0.256	0.283	0.283	0.280	0.297	0.297	0.299	0.304	0.287	5.43
12) T Freon-113	0.022	0.038	0.037	0.041	0.040	0.041	0.042	0.042	*L	0.9996
14) T Acrolein	0.420	0.356	0.325	0.337	0.334	0.343	0.338	0.344	0.349	8.50
15) T Methylene chlo...	0.079	0.058	0.059	0.053	0.055	0.055	0.054	0.054	*L	0.9996
17) T Acetone	0.353	0.348	0.330	0.332	0.342	0.344	0.345	0.354	0.344	2.54
18) T trans-1,2-Dich...	0.146	0.157	0.143	0.153	0.146	0.156	0.152	0.154	0.151	3.50
19) T Methyl acetate	0.741	0.757	0.733	0.786	0.774	0.814	0.802	0.810	0.777	4.01
20) T Methyl tert-bu...	0.023	0.022	0.023	0.027	0.024	0.026	0.025	0.026	0.024	6.62
21) T tert-Butyl alc...	1.020	1.105	1.074	1.149	1.153	1.200	1.191	1.205	1.137	5.79
22) T Diisopropyl ether	0.732	0.732	0.684	0.702	0.709	0.724	0.716	0.730	0.716	2.37
23) T 1,1-Dichloroet...	0.274	0.301	0.281	0.290	0.297	0.302	0.301	0.310	0.294	4.15
24) T Halothane	0.061	0.079	0.078	0.086	0.081	0.086	0.085	0.085	0.080	10.66
25) T Acrylonitrile	0.932	1.014	1.006	1.088	1.081	1.130	1.131	1.152	1.067	7.14
26) T Ethyl tert-but...	0.539	0.614	0.628	0.692	0.679	0.717	0.709	0.717	0.662	9.56
27) T Vinyl acetate	0.347	0.379	0.353	0.365	0.367	0.375	0.374	0.382	0.368	3.39
28) T cis-1,2-Dichlo...	0.521	0.539	0.520	0.529	0.539	0.555	0.548	0.564	0.539	2.91
29) T 2,2-Dichloropr...	0.156	0.161	0.158	0.165	0.163	0.167	0.162	0.163	0.162	2.24
30) T Bromochloromet...	0.507	0.579	0.626	0.636	0.671	0.679	0.690	0.699	0.636	10.28
31) T Cyclohexane	0.647	0.670	0.622	0.639	0.640	0.652	0.641	0.654	0.646	2.16
32) C Chloroform	0.190	0.227	0.222	0.247	0.234	0.247	0.239	0.241	0.231	8.06
33) T Ethyl acetate	0.393	0.487	0.507	0.524	0.542	0.558	0.563	0.571	0.518	11.24
34) T Carbon tetrach...										

Response Factor Report VOA 117

Method Path : I:\VOLATILES\VOA117\2017\170525ICAL\
 Method File : V117_170525_8260.m
 Title : VOLATILES BY GC/MS
 Last Update : Thu May 25 12:01:44 2017
 Response Via : Initial Calibration

Calibration Files

L1 =V17170525I03.D L2 =V17170525I05.D L3 =V17170525I07.D L4 =V17170525I08.D L5 =V17170525I09.D
 L6 =V17170525I10.D L7 =V17170525I11.D L8 =V17170525I12.D

Compound	L1	L2	L3	L4	L5	L6	L7	L8	Avg	%RSD
35) T Tetrahydrofuran	0.052	0.065	0.064	0.072	0.066	0.072	0.067	0.068	0.066	9.30
36) S Dibromofluorom...	0.264	0.268	0.265	0.266	0.264	0.268	0.268	0.272	0.267	1.03
37) T 1,1,1-Trichlor...	0.566	0.594	0.572	0.585	0.600	0.608	0.606	0.618	0.594	3.04
39) T 2-Butanone	0.075	0.096	0.089	0.100	0.094	0.096	0.094	0.096	0.092	8.42
40) T 1,1-Dichloropr...	0.446	0.446	0.455	0.463	0.481	0.489	0.489	0.500	0.471	4.48
41) T Benzene	1.518	1.447	1.343	1.378	1.391	1.414	1.400	1.425	1.414	3.68
42) T tert-Amyl meth...	0.646	0.700	0.701	0.771	0.760	0.798	0.794	0.807	0.747	7.79
43) S 1,2-Dichloroet...	0.273	0.269	0.269	0.274	0.267	0.273	0.279	0.283	0.273	1.93
44) T 1,2-Dichloroet...	0.498	0.496	0.455	0.474	0.464	0.479	0.467	0.471	0.475	3.18
47) T Methyl cyclohe...	0.422	0.465	0.517	0.530	0.558	0.573	0.580	0.594	0.530	11.38
48) T Trichloroethene	0.399	0.415	0.392	0.402	0.408	0.415	0.418	0.430	0.410	2.99
50) T Dibromomethane	0.169	0.197	0.185	0.197	0.191	0.199	0.195	0.197	0.191	5.23
51) C 1,2-Dichloropr...	0.393	0.414	0.395	0.416	0.414	0.425	0.422	0.430	0.413	3.23
53) T 2-Chloroethyl ...	0.094	0.114	0.102	0.106	0.096	0.104	0.103	0.102	0.103	5.88
54) T Bromodichlorom...	0.440	0.459	0.450	0.476	0.474	0.489	0.484	0.494	0.471	4.13
57) T 1,4-Dioxane	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	10.16
58) T cis-1,3-Dichlo...	0.466	0.499	0.502	0.543	0.546	0.564	0.562	0.574	0.532	7.24
----- ISTD -----										
59) I Chlorobenzene-d5	1.305	1.299	1.320	1.301	1.310	1.283	1.273	1.265	1.295	1.45
60) S Toluene-d8	1.077	1.098	1.037	1.050	1.075	1.086	1.070	1.085	1.072	1.84
61) C Toluene		0.094	0.096	0.111	0.107	0.114	0.112	0.114	0.107	7.89
62) T 4-Methyl-2-pen...	0.496	0.499	0.489	0.495	0.508	0.505	0.501	0.507	0.500	1.30
63) T Tetrachloroethene	0.492	0.528	0.526	0.570	0.564	0.587	0.578	0.579	0.553	6.08
65) T trans-1,3-Dich...	0.267	0.325	0.350	0.407	0.397	0.425	0.425	0.432	*L	0.9988
67) T Ethyl methacry...	0.257	0.292	0.278	0.295	0.285	0.297	0.289	0.291	0.285	4.51
68) T 1,1,2-Trichlor...	0.364	0.416	0.399	0.436	0.432	0.445	0.438	0.441	0.421	6.56
69) T Chlorodibromom...	0.497	0.507	0.479	0.506	0.497	0.510	0.494	0.493	0.498	1.98
70) T 1,3-Dichloropr...	0.302	0.302	0.294	0.319	0.310	0.319	0.311	0.311	0.308	2.84
71) T 1,2-Dibromoethane	0.172	0.189	0.176	0.202	0.190	0.205	0.199	0.200	0.192	6.39
72) T 2-Hexanone	1.204	1.266	1.170	1.215	1.231	1.240	1.228	1.232	1.223	2.28
73) T Chlorobenzene	1.974	2.027	2.056	2.129	2.202	2.227	2.204	2.214	2.129	4.61
74) C Ethylbenzene										

Response Factor Report VOA 117

Method Path : I:\VOLATILES\VOA117\2017\170525ICAL\
 Method File : V117_170525_8260.m
 Title : VOLATILES BY GC/MS
 Last Update : Thu May 25 12:01:44 2017
 Response Via : Initial Calibration

Calibration Files

L1 =V17170525I03.D L2 =V17170525I05.D L3 =V17170525I07.D L4 =V17170525I08.D L5 =V17170525I09.D
 L6 =V17170525I10.D L7 =V17170525I11.D L8 =V17170525I12.D

Compound	L1	L2	L3	L4	L5	L6	L7	L8	Avg	%RSD
75) T 1,1,1,2-Tetrac...	0.407	0.450	0.433	0.452	0.453	0.462	0.457	0.461	0.447	4.16
76) T p/m Xylene	0.702	0.778	0.794	0.826	0.856	0.863	0.859	0.871	0.819	7.12
77) T o Xylene	0.677	0.730	0.749	0.781	0.802	0.820	0.823	0.830	0.776	6.95
78) T Styrene	1.012	1.215	1.214	1.302	1.335	1.379	1.373	1.360	1.274	9.77
-----ISTD-----										
79) I 1,4-Dichlorobenzene-d4	0.410	0.483	0.456	0.507	0.502	0.531	0.526	0.525	0.493	8.47
80) T Bromoform	3.224	3.686	3.682	3.820	3.895	3.966	3.926	3.897	3.762	6.43
82) T Isopropylbenzene	0.884	0.889	0.886	0.881	0.861	0.869	0.857	0.860	0.873	1.51
83) S 4-Bromofluorob...	0.978	0.974	0.903	0.947	0.941	0.954	0.946	0.944	0.948	2.41
84) T Bromobenzene	4.357	4.659	4.595	4.687	4.826	4.838	4.797	4.713	4.684	3.36
85) T n-Propylbenzene	1.097	1.144	1.123	1.207	1.161	1.204	1.168	1.163	1.159	3.22
86) T 1,4-Dichlorobu...	0.674	0.689	0.655	0.717	0.681	0.705	0.684	0.675	0.685	2.81
87) T 1,1,2,2-Tetrac...	3.367	3.684	3.713	3.812	3.893	3.917	3.866	3.822	3.759	4.75
88) T 4-Ethyltoluene	2.662	2.845	2.683	2.768	2.795	2.809	2.782	2.734	2.760	2.28
89) T 2-Chlorotoluene	2.914	3.304	3.307	3.433	3.507	3.522	3.493	3.477	3.370	6.03
90) T 1,3,5-Trimethy...	0.501	0.572	0.519	0.568	0.551	0.556	0.563	0.559	0.549	4.60
91) T 1,2,3-Trichlor...	0.200	0.201	0.211	0.232	0.221	0.227	0.219	0.217	0.216	5.39
92) T trans-1,4-Dich...	2.740	2.839	2.723	2.831	2.852	2.861	2.839	2.821	2.813	1.85
93) T 4-Chlorotoluene	2.417	2.666	2.729	2.823	2.899	2.916	2.926	2.908	2.786	6.35
94) T tert-Butylbenzene	2.784	3.158	3.291	3.402	3.478	3.507	3.497	3.455	3.321	7.47
97) T 1,2,4-Trimethy...	3.662	4.029	4.191	4.275	4.453	4.446	4.426	4.337	4.227	6.40
98) T sec-Butylbenzene	2.922	3.380	3.502	3.672	3.795	3.775	3.799	3.736	3.573	8.49
99) T p-Isopropyltol...	1.975	1.981	1.880	1.928	1.947	1.929	1.931	1.916	1.936	1.68
100) T 1,3-Dichlorobe...	2.026	1.971	1.834	1.882	1.898	1.883	1.886	1.874	1.907	3.21
101) T 1,4-Dichlorobe...	1.889	2.029	2.144	2.206	2.319	2.307	2.345	2.317	2.194	7.49
102) T p-Diethylbenzene	3.260	3.628	3.671	3.720	3.876	3.808	3.828	3.751	3.693	5.23
103) T n-Butylbenzene	1.759	1.751	1.647	1.721	1.723	1.741	1.741	1.720	1.725	2.01
104) T 1,2-Dichlorobe...	2.544	2.952	3.172	3.417	3.586	3.572	3.652	3.590	3.311	11.90
105) T 1,2,4,5-Tetram...	0.101	0.089	0.090	0.105	0.098	0.103	0.103	0.103	0.099	6.25
106) T 1,2-Dibromo-3-...	1.535	1.582	1.466	1.498	1.531	1.485	1.517	1.498	1.514	2.37
107) T 1,3,5-Trichlor...	0.783	0.815	0.779	0.788	0.829	0.806	0.814	0.823	0.805	2.36
108) T Hexachlorobuta...										

Response Factor Report VOA 117

Method Path : I:\VOLATILES\VOA117\2017\170525ICAL\
 Method File : V117_170525_8260.m
 Title : VOLATILES BY GC/MS
 Last Update : Thu May 25 12:01:44 2017
 Response Via : Initial Calibration

Calibration Files

L1 =V17170525I03.D L2 =V17170525I05.D L3 =V17170525I07.D L4 =V17170525I08.D L5 =V17170525I09.D
 L6 =V17170525I10.D L7 =V17170525I11.D L8 =V17170525I12.D

Compound	L1	L2	L3	L4	L5	L6	L7	L8	Avg	%RSD
109) T 1,2,4-Trichlor...	1.305	1.316	1.256	1.291	1.309	1.272	1.288	1.291	1.291	1.53
110) T Naphthalene	2.201	2.059	2.136	2.344	2.314	2.361	2.332	2.311	2.257	4.94
111) T 1,2,3-Trichlor...	1.232	1.161	1.105	1.161	1.168	1.147	1.154	1.148	1.159	3.04

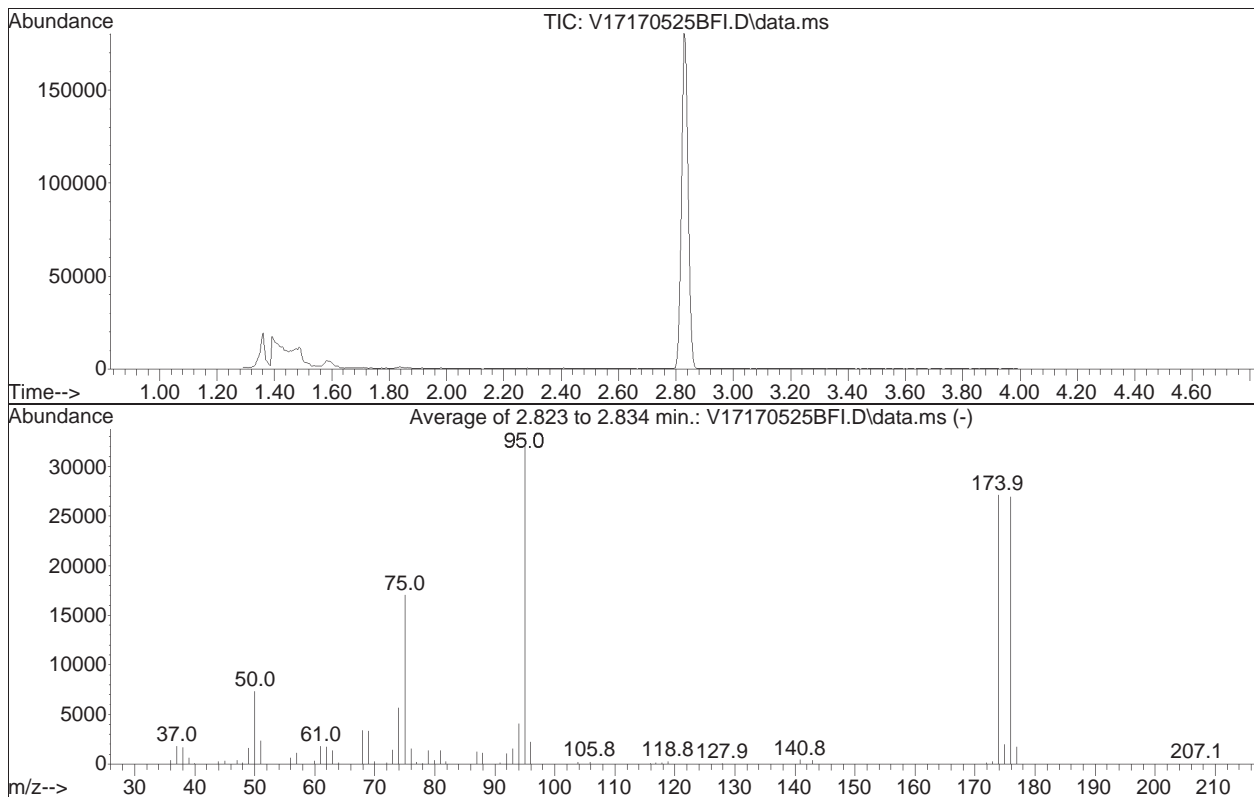
(#) = Out of Range

BFB

Data Path : I:\VOLATILES\VOA117\2017\170525ICAL\
 Data File : V17170525BFI.D
 Acq On : 25 May 2017 06:18 am
 Operator : VOA117:
 Sample : WG1006995-1
 Misc : WG1006995,ICAL
 ALS Vial : 1 Sample Multiplier: 1

Integration File: rteint.p

Method : I:\VOLATILES\VOA117\2017\170525ICAL\V117_170525_8260.m
 Title : VOLATILES BY GC/MS
 Last Update : Thu May 25 12:01:44 2017



AutoFind: Scans 293, 294, 295; Background Corrected with Scan 285

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	22.8	7337	PASS
75	95	30	60	53.0	17077	PASS
95	95	100	100	100.0	32200	PASS
96	95	5	9	7.0	2249	PASS
173	174	0.00	2	0.9	257	PASS
174	95	50	100	84.2	27125	PASS
175	174	5	9	7.2	1957	PASS
176	174	95	101	99.5	26976	PASS
177	176	5	9	6.5	1765	PASS

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA117\2017\170525ICAL\
 Data File : V17170525I03.D
 Acq On : 25 May 2017 07:30 am
 Operator : VOA117:CBN
 Sample : I8260STDL1
 Misc : WG1006995,ICAL
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 25 12:02:15 2017
 Quant Method : I:\VOLATILES\VOA117\2017\170525ICAL\V117_170525_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 25 12:01:44 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA117\2017\170525ICAL\V17170525I07.D
 Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	

Internal Standards							
1) Fluorobenzene	6.353	96	150704	20.000	ug/L	0.00	
Standard Area 1 = 154690			Recovery =	97.42%			
59) Chlorobenzene-d5	9.918	117	119837	20.000	ug/L	0.00	
Standard Area 1 = 124923			Recovery =	95.93%			
79) 1,4-Dichlorobenzene-d4	12.534	152	66019	20.000	ug/L	0.00	
Standard Area 1 = 69990			Recovery =	94.33%			
System Monitoring Compounds							
36) Dibromofluoromethane	5.519	113	39775	19.778	ug/L	0.00	
Spiked Amount 20.000	Range 70 - 130		Recovery =	98.89%			
43) 1,2-Dichloroethane-d4	6.064	65	41143	19.984	ug/L	0.00	
Spiked Amount 20.000	Range 70 - 130		Recovery =	99.92%			
60) Toluene-d8	8.057	98	156442	20.168	ug/L	0.00	
Spiked Amount 20.000	Range 70 - 130		Recovery =	100.84%			
83) 4-Bromofluorobenzene	11.360	95	58371	20.246	ug/L	0.00	
Spiked Amount 20.000	Range 70 - 130		Recovery =	101.23%			
Target Compounds							
							Qvalue
2) Dichlorodifluoromethane	1.781	85	3109	0.942	ug/L		99
3) Chloromethane	1.991	50	4813	1.198	ug/L		95
4) Vinyl chloride	2.064	62	3805	0.973	ug/L		99
5) Bromomethane	2.410	94	3098	1.231	ug/L		94
6) Chloroethane	2.546	64	2097	1.005	ug/L		99
7) Trichlorofluoromethane	2.688	101	4772	0.951	ug/L		99
8) Ethyl ether	3.008	74	947	0.881	ug/L		89
10) 1,1-Dichloroethene	3.207	96	2428	1.028	ug/L		89
11) Carbon disulfide	3.233	76	28872	3.239	ug/L		98
12) Freon-113	3.249	101	1926	0.889	ug/L #		1
14) Acrolein	3.553	56	165	1.066	ug/L #		54
15) Methylene chloride	3.789	84	3162	1.201	ug/L		84
17) Acetone	3.847	43	978	0.526	ug/L #		78
18) trans-1,2-Dichloroethene	3.946	96	2659	1.027	ug/L		95
19) Methyl acetate	3.967	43	1099	0.966	ug/L #		66
20) Methyl tert-butyl ether	4.056	73	5587	0.954	ug/L		98
21) tert-Butyl alcohol	4.140	59	850	4.619	ug/L #		59
22) Diisopropyl ether	4.418	45	7689	0.897	ug/L		90
23) 1,1-Dichloroethane	4.549	63	5518	1.022	ug/L		96
24) Halothane	4.596	117	2064	0.930	ug/L		93
25) Acrylonitrile	4.612	53	456	0.756	ug/L #		92

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA117\2017\170525ICAL\
 Data File : V17170525I03.D
 Acq On : 25 May 2017 07:30 am
 Operator : VOA117:CBN
 Sample : I8260STDL1
 Misc : WG1006995,ICAL
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 25 12:02:15 2017
 Quant Method : I:\VOLATILES\VOA117\2017\170525ICAL\V117_170525_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 25 12:01:44 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA117\2017\170525ICAL\V17170525I07.D
 Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
26) Ethyl tert-butyl ether	4.775	59	7024	0.874	ug/L	83
27) Vinyl acetate	4.796	43	4062	0.815	ug/L #	83
28) cis-1,2-Dichloroethene	5.079	96	2615	0.944	ug/L	92
29) 2,2-Dichloropropane	5.184	77	3928	0.967	ug/L	98
30) Bromochloromethane	5.273	128	1172	0.960	ug/L	97
31) Cyclohexane	5.278	56	3821	0.798	ug/L	96
32) Chloroform	5.341	83	4875	1.002	ug/L	97
33) Ethyl acetate	5.467	43	1433	0.824	ug/L #	70
34) Carbon tetrachloride	5.488	117	2961	0.758	ug/L	93
35) Tetrahydrofuran	5.514	42	395	0.797	ug/L #	87
37) 1,1,1-Trichloroethane	5.556	97	4266	0.954	ug/L	96
39) 2-Butanone	5.666	43	563	0.808	ug/L #	50
40) 1,1-Dichloropropene	5.676	75	3362	0.947	ug/L	91
41) Benzene	5.933	78	11438	1.073	ug/L	98
42) tert-Amyl methyl ether	6.038	73	4866	0.864	ug/L	94
44) 1,2-Dichloroethane	6.138	62	3754	1.048	ug/L #	91
47) Methyl cyclohexane	6.521	83	3177	0.796	ug/L	97
48) Trichloroethene	6.526	95	3007	0.973	ug/L	94
50) Dibromomethane	6.971	93	1275	0.885	ug/L	94
51) 1,2-Dichloropropane	7.087	63	2960	0.950	ug/L	94
53) 2-Chloroethyl vinyl ether	7.779	63	711	0.918	ug/L #	57
54) Bromodichloromethane	7.150	83	3314	0.934	ug/L #	96
57) 1,4-Dioxane	7.365	88	361	22.116	ug/L #	65
58) cis-1,3-Dichloropropene	7.842	75	3509	0.876	ug/L	98
61) Toluene	8.114	92	6454	1.004	ug/L	95
62) 4-Methyl-2-pentanone	8.555	58	412	0.643	ug/L #	62
63) Tetrachloroethene	8.565	166	2974	0.992	ug/L	91
65) trans-1,3-Dichloropropene	8.597	75	2947	0.890	ug/L	90
67) Ethyl methacrylate	8.791	69	1597	1.269	ug/L #	65
68) 1,1,2-Trichloroethane	8.791	83	1540	0.901	ug/L	90
69) Chlorodibromomethane	8.995	129	2182	0.864	ug/L	97
70) 1,3-Dichloropropane	9.111	76	2976	0.998	ug/L	99
71) 1,2-Dibromoethane	9.284	107	1811	0.980	ug/L	93
72) 2-Hexanone	9.572	43	1029	0.896	ug/L #	76
73) Chlorobenzene	9.939	112	7216	0.985	ug/L #	80
74) Ethylbenzene	9.976	91	11829	0.927	ug/L	98
75) 1,1,1,2-Tetrachloroethane	10.012	131	2436	0.910	ug/L	99
76) p/m Xylene	10.159	106	8411	1.715	ug/L	95
77) o Xylene	10.678	106	8107	1.743	ug/L	96
78) Styrene	10.741	104	12127	1.589	ug/L	95

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA117\2017\170525ICAL\
 Data File : V17170525I03.D
 Acq On : 25 May 2017 07:30 am
 Operator : VOA117:CBN
 Sample : I8260STDL1
 Misc : WG1006995,ICAL
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 25 12:02:15 2017
 Quant Method : I:\VOLATILES\VOA117\2017\170525ICAL\V117_170525_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 25 12:01:44 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA117\2017\170525ICAL\V17170525I07.D
 Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) Bromoform	10.757	173	1354	0.833	ug/L	97
82) Isopropylbenzene	11.045	105	10641	0.857	ug/L	98
84) Bromobenzene	11.470	156	3227	1.031	ug/L	97
85) n-Propylbenzene	11.507	91	14383	0.930	ug/L	95
86) 1,4-Dichlorobutane	11.528	55	3622	0.947	ug/L	98
87) 1,1,2,2-Tetrachloroethane	11.585	83	2225	0.984	ug/L #	95
88) 4-Ethyltoluene	11.627	105	11113	0.896	ug/L	98
89) 2-Chlorotoluene	11.675	91	8786	0.964	ug/L	92
90) 1,3,5-Trimethylbenzene	11.722	105	9618	0.865	ug/L	97
91) 1,2,3-Trichloropropane	11.727	75	1655	0.914	ug/L	86
92) trans-1,4-Dichloro-2-b...	11.774	53	659	0.925	ug/L #	89
93) 4-Chlorotoluene	11.853	91	9046	0.974	ug/L	96
94) tert-Butylbenzene	12.057	119	7979	0.868	ug/L	93
97) 1,2,4-Trimethylbenzene	12.131	105	9190	0.838	ug/L	100
98) sec-Butylbenzene	12.241	105	12087	0.866	ug/L	97
99) p-Isopropyltoluene	12.393	119	9644	0.818	ug/L	98
100) 1,3-Dichlorobenzene	12.461	146	6519	1.020	ug/L	98
101) 1,4-Dichlorobenzene	12.550	146	6687	1.062	ug/L #	91
102) p-Diethylbenzene	12.755	119	6234	0.861	ug/L	97
103) n-Butylbenzene	12.812	91	10760	0.883	ug/L	95
104) 1,2-Dichlorobenzene	12.975	146	5805	1.019	ug/L	99
105) 1,2,4,5-Tetramethylben...	13.541	119	8398	0.768	ug/L	97
106) 1,2-Dibromo-3-chloropr...	13.735	155	335	1.024	ug/L #	63
107) 1,3,5-Trichlorobenzene	13.767	180	5068	1.014	ug/L	96
108) Hexachlorobutadiene	14.333	225	2583	0.972	ug/L	97
109) 1,2,4-Trichlorobenzene	14.359	180	4309	1.011	ug/L	98
110) Naphthalene	14.658	128	7265	0.975	ug/L	100
111) 1,2,3-Trichlorobenzene	14.826	180	4067	1.063	ug/L	95

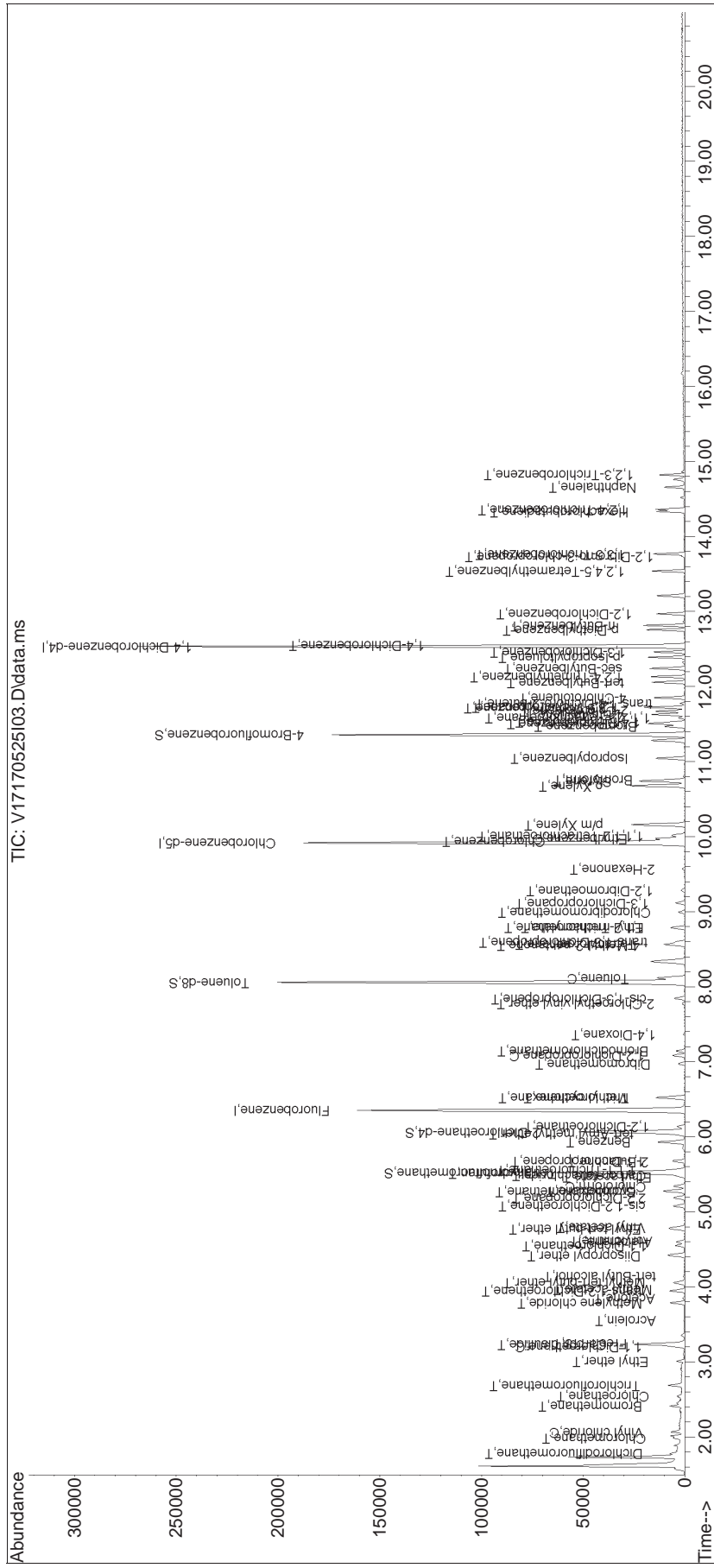
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA117\2017\170525ICAL\
 Data File : V17170525I03.D
 Acq On : 25 May 2017 07:30 am
 Operator : VOA117:CBN
 Sample : I8260STD11
 Misc : WG1006995,ICAL
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 25 12:02:15 2017
 Quant Method : I:\VOLATILES\VOA117\2017\170525ICAL\170525I03.D
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 25 12:01:44 2017
 Response via : Initial Calibration

Sub List : 8260-CurveSoil - Megamix plus Diox5ICAL\V17170525I07.D•



Manual Integration Report

Data Path : I:\VOLATILES\VOA117\2017\1QMethod : V117_170525_8260.m
Data File : V17170525I03.D Operator : VOA117:CBN
Date Inj'd : 5/25/2017 7:30 am Instrument : VOA 117
Sample : I8260STD1 Quant Date : 5/25/2017 12:02 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA117\2017\170525ICAL\
 Data File : V17170525I05.D
 Acq On : 25 May 2017 08:22 am
 Operator : VOA117:CBN
 Sample : I8260STDL2
 Misc : WG1006995,ICAL
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 25 12:02:27 2017
 Quant Method : I:\VOLATILES\VOA117\2017\170525ICAL\V117_170525_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 25 12:01:44 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA117\2017\170525ICAL\V17170525I07.D
 Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	

Internal Standards							
1) Fluorobenzene	6.353	96	154659	20.000	ug/L	0.00	
Standard Area 1 = 154690			Recovery =	99.98%			
59) Chlorobenzene-d5	9.918	117	124163	20.000	ug/L	0.00	
Standard Area 1 = 124923			Recovery =	99.39%			
79) 1,4-Dichlorobenzene-d4	12.534	152	68749	20.000	ug/L	0.00	
Standard Area 1 = 69990			Recovery =	98.23%			
System Monitoring Compounds							
36) Dibromofluoromethane	5.524	113	41400	20.059	ug/L	0.00	
Spiked Amount 20.000	Range 70 - 130		Recovery =	100.30%			
43) 1,2-Dichloroethane-d4	6.064	65	41657	19.716	ug/L	0.00	
Spiked Amount 20.000	Range 70 - 130		Recovery =	98.58%			
60) Toluene-d8	8.057	98	161237	20.062	ug/L	0.00	
Spiked Amount 20.000	Range 70 - 130		Recovery =	100.31%			
83) 4-Bromofluorobenzene	11.360	95	61113	20.356	ug/L	0.00	
Spiked Amount 20.000	Range 70 - 130		Recovery =	101.78%			
Target Compounds							
							Qvalue
2) Dichlorodifluoromethane	1.781	85	13542	3.998	ug/L		100
3) Chloromethane	1.990	50	18194	4.411	ug/L		98
4) Vinyl chloride	2.064	62	16321	4.065	ug/L		99
5) Bromomethane	2.410	94	11524	4.464	ug/L		98
6) Chloroethane	2.541	64	9489	4.430	ug/L		97
7) Trichlorofluoromethane	2.688	101	20894	4.057	ug/L		97
8) Ethyl ether	3.008	74	4373	3.964	ug/L		92
10) 1,1-Dichloroethene	3.212	96	9731	4.013	ug/L		100
11) Carbon disulfide	3.238	76	47471	5.190	ug/L		99
12) Freon-113	3.249	101	8744	3.935	ug/L		85
14) Acrolein	3.563	56	1181	4.193	ug/L		95
15) Methylene chloride	3.789	84	11014	4.075	ug/L		90
17) Acetone	3.852	43	2458	4.014	ug/L		93
18) trans-1,2-Dichloroethene	3.946	96	10777	4.054	ug/L		98
19) Methyl acetate	3.967	43	4851	4.157	ug/L #		91
20) Methyl tert-butyl ether	4.061	73	23407	3.896	ug/L		98
21) tert-Butyl alcohol	4.145	59	3467	18.358	ug/L #		88
22) Diisopropyl ether	4.418	45	34193	3.888	ug/L		92
23) 1,1-Dichloroethane	4.549	63	22628	4.085	ug/L		98
24) Halothane	4.596	117	9324	4.095	ug/L		100
25) Acrylonitrile	4.607	53	2447	3.954	ug/L #		86

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA117\2017\170525ICAL\
 Data File : V17170525I05.D
 Acq On : 25 May 2017 08:22 am
 Operator : VOA117:CBN
 Sample : I8260STD2
 Misc : WG1006995,ICAL
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 25 12:02:27 2017
 Quant Method : I:\VOLATILES\VOA117\2017\170525ICAL\V117_170525_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 25 12:01:44 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA117\2017\170525ICAL\V17170525I07.D
 Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
26) Ethyl tert-butyl ether	4.780	59	31373	3.803	ug/L	85
27) Vinyl acetate	4.795	43	18986	3.711	ug/L	100
28) cis-1,2-Dichloroethene	5.073	96	11734	4.127	ug/L	98
29) 2,2-Dichloropropane	5.194	77	16663	3.995	ug/L	99
30) Bromochloromethane	5.273	128	4995	3.987	ug/L	95
31) Cyclohexane	5.283	56	17906	3.642	ug/L	94
32) Chloroform	5.341	83	20729	4.152	ug/L	100
33) Ethyl acetate	5.461	43	7033	3.941	ug/L	98
34) Carbon tetrachloride	5.488	117	15066	3.760	ug/L	96
35) Tetrahydrofuran	5.514	42	1999	3.931	ug/L #	11
37) 1,1,1-Trichloroethane	5.556	97	18379	4.003	ug/L	97
39) 2-Butanone	5.661	43	2958	4.137	ug/L #	69
40) 1,1-Dichloropropene	5.676	75	13798	3.789	ug/L	97
41) Benzene	5.928	78	44745	4.091	ug/L	98
42) tert-Amyl methyl ether	6.038	73	21663	3.750	ug/L	93
44) 1,2-Dichloroethane	6.138	62	15335	4.171	ug/L	98
47) Methyl cyclohexane	6.520	83	14375	3.509	ug/L	98
48) Trichloroethene	6.531	95	12847	4.051	ug/L	95
50) Dibromomethane	6.971	93	6097	4.121	ug/L	91
51) 1,2-Dichloropropane	7.087	63	12795	4.002	ug/L	99
53) 2-Chloroethyl vinyl ether	7.768	63	3530	4.441	ug/L	89
54) Bromodichloromethane	7.144	83	14193	3.899	ug/L	98
57) 1,4-Dioxane	7.365	88	2741	163.629	ug/L	94
58) cis-1,3-Dichloropropene	7.847	75	15424	3.750	ug/L	98
61) Toluene	8.120	92	27263	4.095	ug/L	97
62) 4-Methyl-2-pentanone	8.565	58	2345	3.530	ug/L #	95
63) Tetrachloroethene	8.565	166	12403	3.995	ug/L	93
65) trans-1,3-Dichloropropene	8.597	75	13122	3.823	ug/L	95
67) Ethyl methacrylate	8.785	69	8083	3.706	ug/L #	79
68) 1,1,2-Trichloroethane	8.785	83	7241	4.087	ug/L	99
69) Chlorodibromomethane	8.990	129	10328	3.948	ug/L	98
70) 1,3-Dichloropropane	9.116	76	12580	4.070	ug/L	100
71) 1,2-Dibromoethane	9.284	107	7488	3.912	ug/L	100
72) 2-Hexanone	9.572	43	4699	3.950	ug/L #	87
73) Chlorobenzene	9.939	112	31437	4.140	ug/L	93
74) Ethylbenzene	9.976	91	50341	3.808	ug/L	99
75) 1,1,1,2-Tetrachloroethane	10.018	131	11183	4.033	ug/L	98
76) p/m Xylene	10.159	106	38622	7.600	ug/L	96
77) o Xylene	10.678	106	36273	7.525	ug/L	94
78) Styrene	10.741	104	60364	7.633	ug/L	98

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA117\2017\170525ICAL\
 Data File : V17170525I05.D
 Acq On : 25 May 2017 08:22 am
 Operator : VOA117:CBN
 Sample : I8260STD2
 Misc : WG1006995,ICAL
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 25 12:02:27 2017
 Quant Method : I:\VOLATILES\VOA117\2017\170525ICAL\V117_170525_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 25 12:01:44 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA117\2017\170525ICAL\V17170525I07.D
 Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) Bromoform	10.762	173	6638	3.920	ug/L	97
82) Isopropylbenzene	11.045	105	50683	3.919	ug/L	99
84) Bromobenzene	11.470	156	13391	4.108	ug/L	100
85) n-Propylbenzene	11.507	91	64064	3.979	ug/L	96
86) 1,4-Dichlorobutane	11.528	55	15733	3.950	ug/L	98
87) 1,1,2,2-Tetrachloroethane	11.585	83	9475	4.024	ug/L	100
88) 4-Ethyltoluene	11.627	105	50653	3.920	ug/L	98
89) 2-Chlorotoluene	11.674	91	39117	4.123	ug/L	94
90) 1,3,5-Trimethylbenzene	11.722	105	45429	3.922	ug/L	96
91) 1,2,3-Trichloropropane	11.727	75	7870	4.172	ug/L	93
92) trans-1,4-Dichloro-2-b...	11.774	53	2759	3.717	ug/L	94
93) 4-Chlorotoluene	11.853	91	39041	4.037	ug/L	96
94) tert-Butylbenzene	12.057	119	36656	3.828	ug/L	96
97) 1,2,4-Trimethylbenzene	12.131	105	43422	3.803	ug/L	100
98) sec-Butylbenzene	12.246	105	55400	3.813	ug/L	99
99) p-Isopropyltoluene	12.393	119	46470	3.784	ug/L	98
100) 1,3-Dichlorobenzene	12.461	146	27243	4.094	ug/L	99
101) 1,4-Dichlorobenzene	12.550	146	27095	4.134	ug/L	98
102) p-Diethylbenzene	12.760	119	27899	3.699	ug/L	96
103) n-Butylbenzene	12.817	91	49883	3.930	ug/L	96
104) 1,2-Dichlorobenzene	12.969	146	24076	4.060	ug/L	99
105) 1,2,4,5-Tetramethylben...	13.541	119	40586	3.566	ug/L	96
106) 1,2-Dibromo-3-chloropr...	13.735	155	1224	3.592	ug/L	99
107) 1,3,5-Trichlorobenzene	13.766	180	21749	4.179	ug/L	97
108) Hexachlorobutadiene	14.333	225	11205	4.051	ug/L	96
109) 1,2,4-Trichlorobenzene	14.364	180	18092	4.076	ug/L	98
110) Naphthalene	14.658	128	28311	3.649	ug/L	100
111) 1,2,3-Trichlorobenzene	14.826	180	15961	4.005	ug/L	98

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

Manual Integration Report

Data Path : I:\VOLATILES\VOA117\2017\1QMethod : V117_170525_8260.m
Data File : V17170525I05.D Operator : VOA117:CBN
Date Inj'd : 5/25/2017 8:22 am Instrument : VOA 117
Sample : I8260STD2L2 Quant Date : 5/25/2017 12:02 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA117\2017\170525ICAL\
 Data File : V17170525I07.D
 Acq On : 25 May 2017 09:14 am
 Operator : VOA117:CBN
 Sample : I8260STDL3
 Misc : WG1006995,ICAL
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 25 12:02:40 2017
 Quant Method : I:\VOLATILES\VOA117\2017\170525ICAL\V117_170525_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 25 12:01:44 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA117\2017\170525ICAL\V17170525I07.D
 Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	

Internal Standards							
1) Fluorobenzene	6.353	96	154690	20.000	ug/L	0.00	
Standard Area 1 = 154690			Recovery =	100.00%			
59) Chlorobenzene-d5	9.918	117	124923	20.000	ug/L	0.00	
Standard Area 1 = 124923			Recovery =	100.00%			
79) 1,4-Dichlorobenzene-d4	12.534	152	69990	20.000	ug/L	0.00	
Standard Area 1 = 69990			Recovery =	100.00%			
System Monitoring Compounds							
36) Dibromofluoromethane	5.524	113	41061	19.891	ug/L	0.00	
Spiked Amount 20.000	Range 70 - 130		Recovery =	99.45%			
43) 1,2-Dichloroethane-d4	6.064	65	41613	19.691	ug/L	0.00	
Spiked Amount 20.000	Range 70 - 130		Recovery =	98.45%			
60) Toluene-d8	8.057	98	164837	20.385	ug/L	0.00	
Spiked Amount 20.000	Range 70 - 130		Recovery =	101.93%			
83) 4-Bromofluorobenzene	11.355	95	62040	20.298	ug/L	0.00	
Spiked Amount 20.000	Range 70 - 130		Recovery =	101.49%			
Target Compounds							
							Qvalue
2) Dichlorodifluoromethane	1.775	85	66951	19.763	ug/L		99
3) Chloromethane	1.990	50	80998	19.634	ug/L		99
4) Vinyl chloride	2.064	62	80473	20.041	ug/L		99
5) Bromomethane	2.410	94	49313	19.097	ug/L		98
6) Chloroethane	2.541	64	44301	20.677	ug/L		99
7) Trichlorofluoromethane	2.688	101	102287	19.859	ug/L		99
8) Ethyl ether	3.007	74	20982	19.017	ug/L		89
10) 1,1-Dichloroethene	3.207	96	46372	19.119	ug/L		98
11) Carbon disulfide	3.233	76	185007	20.222	ug/L		100
12) Freon-113	3.249	101	43827	19.719	ug/L		75
14) Acrolein	3.553	56	5746	18.299	ug/L		99
15) Methylene chloride	3.783	84	50264	18.595	ug/L		88
17) Acetone	3.852	43	9032	19.774	ug/L		98
18) trans-1,2-Dichloroethene	3.946	96	51079	19.211	ug/L		98
19) Methyl acetate	3.962	43	22097	18.932	ug/L #		85
20) Methyl tert-butyl ether	4.056	73	113325	18.857	ug/L		97
21) tert-Butyl alcohol	4.145	59	17965	95.107	ug/L		90
22) Diisopropyl ether	4.423	45	166193	18.894	ug/L		95
23) 1,1-Dichloroethane	4.549	63	105859	19.108	ug/L		100
24) Halothane	4.591	117	43403	19.057	ug/L		98
25) Acrylonitrile	4.607	53	12021	19.422	ug/L #		89

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA117\2017\170525ICAL\
 Data File : V17170525I07.D
 Acq On : 25 May 2017 09:14 am
 Operator : VOA117:CBN
 Sample : I8260STD3
 Misc : WG1006995,ICAL
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 25 12:02:40 2017
 Quant Method : I:\VOLATILES\VOA117\2017\170525ICAL\V117_170525_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 25 12:01:44 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA117\2017\170525ICAL\V17170525I07.D
 Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
26) Ethyl tert-butyl ether	4.780	59	155543	18.851	ug/L	86
27) Vinyl acetate	4.795	43	97079	18.969	ug/L	100
28) cis-1,2-Dichloroethene	5.079	96	54567	19.189	ug/L	96
29) 2,2-Dichloropropane	5.189	77	80430	19.281	ug/L	99
30) Bromochloromethane	5.273	128	24484	19.541	ug/L	99
31) Cyclohexane	5.278	56	96795	19.684	ug/L	95
32) Chloroform	5.341	83	96212	19.266	ug/L	99
33) Ethyl acetate	5.461	43	34328	19.232	ug/L #	97
34) Carbon tetrachloride	5.487	117	78438	19.574	ug/L	99
35) Tetrahydrofuran	5.508	42	9943	19.549	ug/L #	12
37) 1,1,1-Trichloroethane	5.556	97	88509	19.276	ug/L	97
39) 2-Butanone	5.655	43	13818	19.321	ug/L #	65
40) 1,1-Dichloropropene	5.676	75	70369	19.318	ug/L	97
41) Benzene	5.933	78	207796	18.994	ug/L	99
42) tert-Amyl methyl ether	6.038	73	108410	18.762	ug/L	95
44) 1,2-Dichloroethane	6.138	62	70385	19.139	ug/L	99
47) Methyl cyclohexane	6.520	83	79966	19.515	ug/L	98
48) Trichloroethene	6.526	95	60621	19.113	ug/L	97
50) Dibromomethane	6.971	93	28595	19.326	ug/L	92
51) 1,2-Dichloropropane	7.087	63	61072	19.097	ug/L	99
53) 2-Chloroethyl vinyl ether	7.773	63	15819	19.897	ug/L	91
54) Bromodichloromethane	7.144	83	69567	19.106	ug/L	99
57) 1,4-Dioxane	7.364	88	16753	999.899	ug/L	97
58) cis-1,3-Dichloropropene	7.847	75	77632	18.872	ug/L	97
61) Toluene	8.114	92	129605	19.350	ug/L	98
62) 4-Methyl-2-pentanone	8.560	58	11991	17.942	ug/L	92
63) Tetrachloroethene	8.565	166	61066	19.549	ug/L	95
65) trans-1,3-Dichloropropene	8.597	75	65712	19.027	ug/L	92
67) Ethyl methacrylate	8.785	69	43723	17.121	ug/L	87
68) 1,1,2-Trichloroethane	8.785	83	34710	19.471	ug/L	98
69) Chlorodibromomethane	8.995	129	49853	18.939	ug/L	98
70) 1,3-Dichloropropane	9.116	76	59896	19.259	ug/L	99
71) 1,2-Dibromoethane	9.283	107	36679	19.044	ug/L	99
72) 2-Hexanone	9.572	43	21989	18.372	ug/L	99
73) Chlorobenzene	9.939	112	146204	19.135	ug/L	95
74) Ethylbenzene	9.976	91	256860	19.313	ug/L	99
75) 1,1,1,2-Tetrachloroethane	10.018	131	54067	19.378	ug/L	99
76) p/m Xylene	10.159	106	198299	38.784	ug/L	97
77) o Xylene	10.678	106	187215	38.603	ug/L	96
78) Styrene	10.741	104	303333	38.122	ug/L	97

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA117\2017\170525ICAL\
 Data File : V17170525I07.D
 Acq On : 25 May 2017 09:14 am
 Operator : VOA117:CBN
 Sample : I8260STDL3
 Misc : WG1006995,ICAL
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 25 12:02:40 2017
 Quant Method : I:\VOLATILES\VOA117\2017\170525ICAL\V117_170525_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 25 12:01:44 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA117\2017\170525ICAL\V17170525I07.D
 Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) Bromoform	10.762	173	31932	18.524	ug/L	100
82) Isopropylbenzene	11.045	105	257684	19.573	ug/L	98
84) Bromobenzene	11.470	156	63212	19.048	ug/L	100
85) n-Propylbenzene	11.507	91	321629	19.621	ug/L	97
86) 1,4-Dichlorobutane	11.528	55	78621	19.391	ug/L	98
87) 1,1,2,2-Tetrachloroethane	11.580	83	45821	19.115	ug/L	100
88) 4-Ethyltoluene	11.627	105	259868	19.754	ug/L	99
89) 2-Chlorotoluene	11.669	91	187772	19.443	ug/L	96
90) 1,3,5-Trimethylbenzene	11.722	105	231439	19.627	ug/L	98
91) 1,2,3-Trichloropropane	11.727	75	36290	18.899	ug/L	95
92) trans-1,4-Dichloro-2-b...	11.774	53	14734	19.500	ug/L	99
93) 4-Chlorotoluene	11.853	91	190556	19.355	ug/L	96
94) tert-Butylbenzene	12.057	119	190994	19.593	ug/L	95
97) 1,2,4-Trimethylbenzene	12.130	105	230350	19.818	ug/L	98
98) sec-Butylbenzene	12.241	105	293308	19.827	ug/L	98
99) p-Isopropyltoluene	12.393	119	245109	19.605	ug/L	98
100) 1,3-Dichlorobenzene	12.461	146	131553	19.419	ug/L	99
101) 1,4-Dichlorobenzene	12.550	146	128327	19.231	ug/L	99
102) p-Diethylbenzene	12.760	119	150082	19.544	ug/L	98
103) n-Butylbenzene	12.812	91	256912	19.881	ug/L	97
104) 1,2-Dichlorobenzene	12.969	146	115289	19.095	ug/L	99
105) 1,2,4,5-Tetramethylben...	13.541	119	221991	19.161	ug/L	97
106) 1,2-Dibromo-3-chloropr...	13.735	155	6307	18.182	ug/L	99
107) 1,3,5-Trichlorobenzene	13.766	180	102589	19.362	ug/L	98
108) Hexachlorobutadiene	14.333	225	54544	19.369	ug/L	99
109) 1,2,4-Trichlorobenzene	14.364	180	87927	19.459	ug/L	98
110) Naphthalene	14.658	128	149504	18.926	ug/L	100
111) 1,2,3-Trichlorobenzene	14.825	180	77307	19.053	ug/L	99

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

Manual Integration Report

Data Path : I:\VOLATILES\VOA117\2017\1QMethod : V117_170525_8260.m
Data File : V17170525I07.D Operator : VOA117:CBN
Date Inj'd : 5/25/2017 9:14 am Instrument : VOA 117
Sample : I8260STD3 Quant Date : 5/25/2017 12:02 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA117\2017\170525ICAL\
 Data File : V17170525I08.D
 Acq On : 25 May 2017 09:40 am
 Operator : VOA117:CBN
 Sample : I8260STDL4
 Misc : WG1006995,ICAL
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 25 12:02:54 2017
 Quant Method : I:\VOLATILES\VOA117\2017\170525ICAL\V117_170525_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 25 12:01:44 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA117\2017\170525ICAL\V17170525I07.D
 Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	

Internal Standards							
1) Fluorobenzene	6.353	96	164746	20.000	ug/L	0.00	
Standard Area 1 = 154690			Recovery = 106.50%				
59) Chlorobenzene-d5	9.918	117	134733	20.000	ug/L	0.00	
Standard Area 1 = 124923			Recovery = 107.85%				
79) 1,4-Dichlorobenzene-d4	12.534	152	76455	20.000	ug/L	0.00	
Standard Area 1 = 69990			Recovery = 109.24%				
System Monitoring Compounds							
36) Dibromofluoromethane	5.524	113	43867	19.953	ug/L	0.00	
Spiked Amount 20.000	Range 70 - 130		Recovery = 99.76%				
43) 1,2-Dichloroethane-d4	6.064	65	45133	20.053	ug/L	0.00	
Spiked Amount 20.000	Range 70 - 130		Recovery = 100.27%				
60) Toluene-d8	8.057	98	175318	20.102	ug/L	0.00	
Spiked Amount 20.000	Range 70 - 130		Recovery = 100.51%				
83) 4-Bromofluorobenzene	11.355	95	67380	20.181	ug/L	0.00	
Spiked Amount 20.000	Range 70 - 130		Recovery = 100.91%				
Target Compounds							
							Qvalue
2) Dichlorodifluoromethane	1.781	85	142168	39.404	ug/L		99
3) Chloromethane	1.991	50	166985	38.007	ug/L		98
4) Vinyl chloride	2.064	62	169450	39.624	ug/L		100
5) Bromomethane	2.410	94	101825	37.025	ug/L		99
6) Chloroethane	2.541	64	93920	41.160	ug/L		99
7) Trichlorofluoromethane	2.688	101	214975	39.189	ug/L		99
8) Ethyl ether	3.013	74	48260	41.070	ug/L		88
10) 1,1-Dichloroethene	3.207	96	99705	38.598	ug/L		99
11) Carbon disulfide	3.233	76	377020	38.694	ug/L		100
12) Freon-113	3.249	101	92232	38.965	ug/L		71
14) Acrolein	3.553	56	13594	39.988	ug/L		96
15) Methylene chloride	3.789	84	110933	38.534	ug/L		86
17) Acetone	3.847	43	19410	41.814	ug/L		98
18) trans-1,2-Dichloroethene	3.946	96	109515	38.675	ug/L		99
19) Methyl acetate	3.962	43	50495	40.622	ug/L #		85
20) Methyl tert-butyl ether	4.056	73	258870	40.446	ug/L		97
21) tert-Butyl alcohol	4.145	59	44138	219.404	ug/L		93
22) Diisopropyl ether	4.423	45	378497	40.404	ug/L		96
23) 1,1-Dichloroethane	4.549	63	231466	39.230	ug/L		99
24) Halothane	4.596	117	95393	39.327	ug/L		100
25) Acrylonitrile	4.607	53	28497	43.232	ug/L #		91

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA117\2017\170525ICAL\
 Data File : V17170525I08.D
 Acq On : 25 May 2017 09:40 am
 Operator : VOA117:CBN
 Sample : I8260STDL4
 Misc : WG1006995,ICAL
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 25 12:02:54 2017
 Quant Method : I:\VOLATILES\VOA117\2017\170525ICAL\V117_170525_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 25 12:01:44 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA117\2017\170525ICAL\V17170525I07.D
 Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
26) Ethyl tert-butyl ether	4.780	59	358517	40.799	ug/L	87
27) Vinyl acetate	4.796	43	227980	41.827	ug/L	99
28) cis-1,2-Dichloroethene	5.079	96	120225	39.699	ug/L	96
29) 2,2-Dichloropropane	5.189	77	174294	39.231	ug/L	98
30) Bromochloromethane	5.273	128	54388	40.758	ug/L	100
31) Cyclohexane	5.278	56	209600	40.023	ug/L	96
32) Chloroform	5.341	83	210493	39.578	ug/L	99
33) Ethyl acetate	5.467	43	81309	42.772	ug/L #	97
34) Carbon tetrachloride	5.488	117	172621	40.448	ug/L	99
35) Tetrahydrofuran	5.509	42	23727	43.802	ug/L #	7
37) 1,1,1-Trichloroethane	5.556	97	192878	39.441	ug/L	98
39) 2-Butanone	5.655	43	32999	43.324	ug/L #	68
40) 1,1-Dichloropropene	5.676	75	152411	39.286	ug/L	98
41) Benzene	5.928	78	454164	38.980	ug/L	99
42) tert-Amyl methyl ether	6.038	73	254001	41.276	ug/L	97
44) 1,2-Dichloroethane	6.138	62	156076	39.849	ug/L	99
47) Methyl cyclohexane	6.521	83	174519	39.989	ug/L	96
48) Trichloroethene	6.526	95	132459	39.214	ug/L	97
50) Dibromomethane	6.971	93	64766	41.100	ug/L	93
51) 1,2-Dichloropropane	7.087	63	136914	40.200	ug/L	99
53) 2-Chloroethyl vinyl ether	7.774	63	34977	41.309	ug/L	91
54) Bromodichloromethane	7.144	83	156927	40.468	ug/L	100
57) 1,4-Dioxane	7.365	88	40358	2261.728	ug/L	98
58) cis-1,3-Dichloropropene	7.847	75	178977	40.852	ug/L	97
61) Toluene	8.120	92	283051	39.183	ug/L	97
62) 4-Methyl-2-pentanone	8.560	58	29966	41.573	ug/L	92
63) Tetrachloroethene	8.565	166	133487	39.621	ug/L	95
65) trans-1,3-Dichloropropene	8.597	75	153488	41.207	ug/L	92
67) Ethyl methacrylate	8.786	69	109738	38.991	ug/L	92
68) 1,1,2-Trichloroethane	8.786	83	79442	41.319	ug/L	99
69) Chlorodibromomethane	8.995	129	117574	41.415	ug/L	98
70) 1,3-Dichloropropane	9.116	76	136465	40.685	ug/L	99
71) 1,2-Dibromoethane	9.284	107	85838	41.322	ug/L	99
72) 2-Hexanone	9.567	43	54343	42.097	ug/L	98
73) Chlorobenzene	9.939	112	327463	39.738	ug/L	96
74) Ethylbenzene	9.976	91	573763	40.000	ug/L	99
75) 1,1,1,2-Tetrachloroethane	10.018	131	121692	40.439	ug/L	100
76) p/m Xylene	10.159	106	445291	80.749	ug/L	97
77) o Xylene	10.678	106	420898	80.469	ug/L	95
78) Styrene	10.741	104	701837	81.783	ug/L	97

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA117\2017\170525ICAL\
 Data File : V17170525I08.D
 Acq On : 25 May 2017 09:40 am
 Operator : VOA117:CBN
 Sample : I8260STDL4
 Misc : WG1006995,ICAL
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 25 12:02:54 2017
 Quant Method : I:\VOLATILES\VOA117\2017\170525ICAL\V117_170525_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 25 12:01:44 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA117\2017\170525ICAL\V17170525I07.D
 Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) Bromoform	10.762	173	77497	41.155	ug/L	100
82) Isopropylbenzene	11.045	105	584094	40.615	ug/L	99
84) Bromobenzene	11.470	156	144730	39.924	ug/L	99
85) n-Propylbenzene	11.507	91	716646	40.022	ug/L	97
86) 1,4-Dichlorobutane	11.528	55	184567	41.672	ug/L	98
87) 1,1,2,2-Tetrachloroethane	11.580	83	109677	41.885	ug/L	99
88) 4-Ethyltoluene	11.627	105	582895	40.563	ug/L	99
89) 2-Chlorotoluene	11.675	91	423340	40.128	ug/L	96
90) 1,3,5-Trimethylbenzene	11.722	105	524953	40.753	ug/L	98
91) 1,2,3-Trichloropropane	11.727	75	86791	41.376	ug/L	95
92) trans-1,4-Dichloro-2-b...	11.774	53	35462	42.965	ug/L	96
93) 4-Chlorotoluene	11.853	91	432877	40.251	ug/L	96
94) tert-Butylbenzene	12.057	119	431638	40.535	ug/L	96
97) 1,2,4-Trimethylbenzene	12.131	105	520177	40.968	ug/L	99
98) sec-Butylbenzene	12.241	105	653701	40.452	ug/L	99
99) p-Isopropyltoluene	12.393	119	561505	41.115	ug/L	99
100) 1,3-Dichlorobenzene	12.461	146	294841	39.843	ug/L	99
101) 1,4-Dichlorobenzene	12.550	146	287823	39.486	ug/L	99
102) p-Diethylbenzene	12.760	119	337292	40.209	ug/L	97
103) n-Butylbenzene	12.812	91	568804	40.295	ug/L	98
104) 1,2-Dichlorobenzene	12.970	146	263105	39.893	ug/L	99
105) 1,2,4,5-Tetramethylben...	13.541	119	522551	41.290	ug/L	98
106) 1,2-Dibromo-3-chloropr...	13.740	155	16056	42.374	ug/L	96
107) 1,3,5-Trichlorobenzene	13.767	180	229103	39.583	ug/L	98
108) Hexachlorobutadiene	14.333	225	120564	39.193	ug/L	100
109) 1,2,4-Trichlorobenzene	14.364	180	197476	40.008	ug/L	98
110) Naphthalene	14.658	128	358375	41.532	ug/L	100
111) 1,2,3-Trichlorobenzene	14.826	180	177490	40.044	ug/L	99

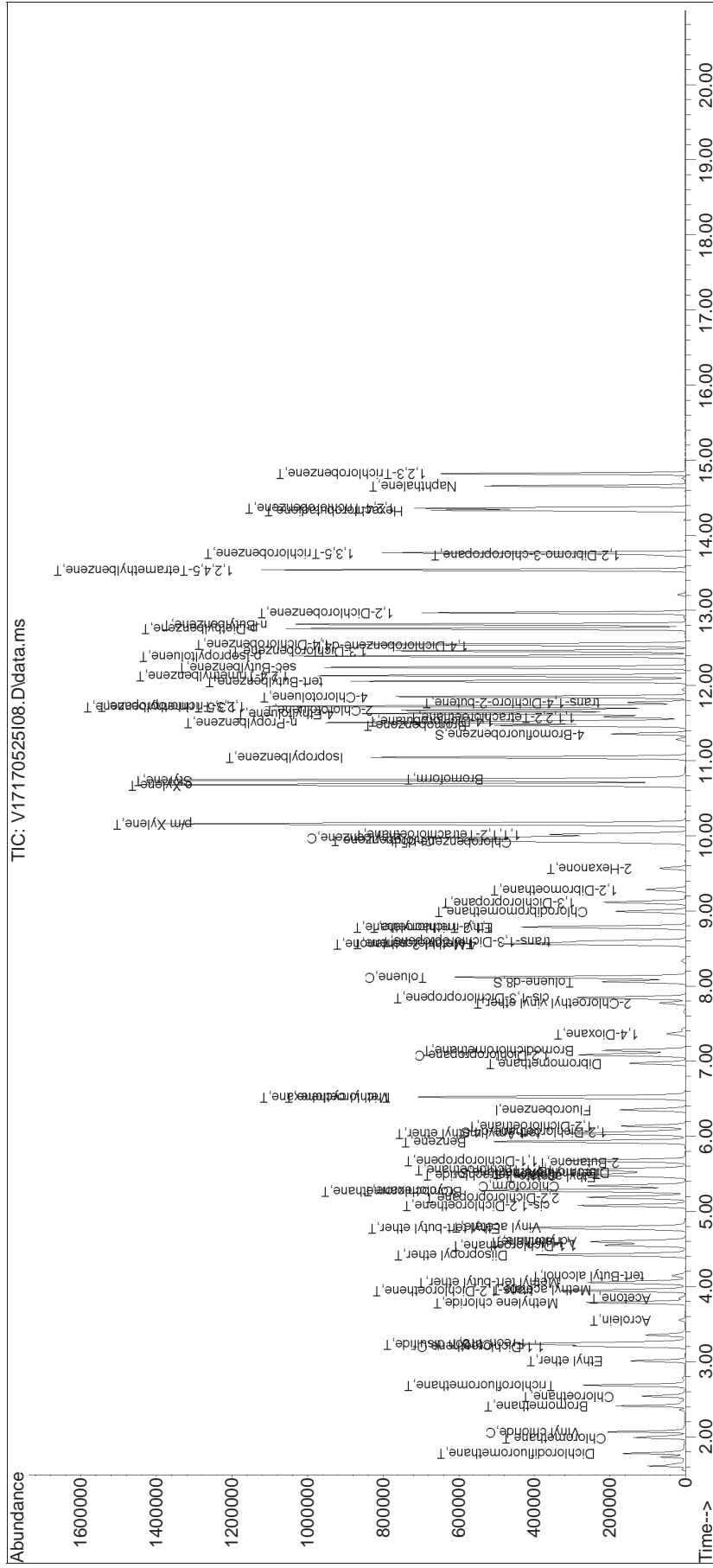
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA117\2017\170525ICAL\
 Data File : V17170525I08.D
 Acq On : 25 May 2017 09:40 am
 Operator : VOA117:CBN
 Sample : I8260STD4
 Misc : WG1006995,ICAL
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 25 12:02:54 2017
 Quant Method : I:\VOLATILES\VOA117\2017\170525ICAL\V117_170525_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 25 12:01:44 2017
 Response via : Initial Calibration

Sub List : 8260-CurveSoil - Megamix plus Diox5ICAL\V17170525I07.D•



Manual Integration Report

Data Path : I:\VOLATILES\VOA117\2017\1QMethod : V117_170525_8260.m
Data File : V17170525I08.D Operator : VOA117:CBN
Date Inj'd : 5/25/2017 9:40 am Instrument : VOA 117
Sample : I8260STD4 Quant Date : 5/25/2017 12:02 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA117\2017\170525ICAL\
 Data File : V17170525I09.D
 Acq On : 25 May 2017 10:06 am
 Operator : VOA117:CBN
 Sample : I8260STD L5
 Misc : WG1006995,ICAL
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: May 25 12:03:07 2017
 Quant Method : I:\VOLATILES\VOA117\2017\170525ICAL\V117_170525_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 25 12:01:44 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA117\2017\170525ICAL\V17170525I07.D
 Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Fluorobenzene	6.353	96	164320	20.000	ug/L	0.00
Standard Area 1 = 154690			Recovery = 106.23%			
59) Chlorobenzene-d5	9.918	117	133778	20.000	ug/L	0.00
Standard Area 1 = 124923			Recovery = 107.09%			
79) 1,4-Dichlorobenzene-d4	12.534	152	76996	20.000	ug/L	0.00
Standard Area 1 = 69990			Recovery = 110.01%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.524	113	43323	19.757	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 98.79%			
43) 1,2-Dichloroethane-d4	6.064	65	43812	19.517	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 97.58%			
60) Toluene-d8	8.062	98	175258	20.239	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 101.20%			
83) 4-Bromofluorobenzene	11.360	95	66262	19.707	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 98.54%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.781	85	223113	62.000	ug/L	100
3) Chloromethane	1.990	50	252695	57.664	ug/L	98
4) Vinyl chloride	2.064	62	259363	60.807	ug/L	100
5) Bromomethane	2.410	94	155153	56.562	ug/L	97
6) Chloroethane	2.541	64	143356	62.988	ug/L	100
7) Trichlorofluoromethane	2.688	101	334460	61.129	ug/L	99
8) Ethyl ether	3.013	74	70842	60.443	ug/L	87
10) 1,1-Dichloroethene	3.207	96	152736	59.281	ug/L	98
11) Carbon disulfide	3.233	76	551393	56.737	ug/L	100
12) Freon-113	3.249	101	146365	61.995	ug/L #	61
14) Acrolein	3.553	56	19629	57.647	ug/L	95
15) Methylene chloride	3.789	84	164702	57.360	ug/L	87
17) Acetone	3.846	43	26225	57.309	ug/L	98
18) trans-1,2-Dichloroethene	3.946	96	168639	59.709	ug/L	98
19) Methyl acetate	3.962	43	72017	58.086	ug/L #	84
20) Methyl tert-butyl ether	4.056	73	381495	59.760	ug/L	96
21) tert-Butyl alcohol	4.145	59	59471	296.389	ug/L	93
22) Diisopropyl ether	4.423	45	568422	60.836	ug/L	96
23) 1,1-Dichloroethane	4.549	63	349461	59.382	ug/L	100
24) Halothane	4.596	117	146171	60.417	ug/L	100
25) Acrylonitrile	4.607	53	39879	60.656	ug/L #	89

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA117\2017\170525ICAL\
 Data File : V17170525I09.D
 Acq On : 25 May 2017 10:06 am
 Operator : VOA117:CBN
 Sample : I8260STDL5
 Misc : WG1006995,ICAL
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: May 25 12:03:07 2017
 Quant Method : I:\VOLATILES\VOA117\2017\170525ICAL\V117_170525_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 25 12:01:44 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA117\2017\170525ICAL\V17170525I07.D
 Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
26) Ethyl tert-butyl ether	4.780	59	532977	60.810	ug/L	87
27) Vinyl acetate	4.790	43	334538	61.537	ug/L	99
28) cis-1,2-Dichloroethene	5.079	96	180693	59.820	ug/L	96
29) 2,2-Dichloropropane	5.189	77	265677	59.956	ug/L	98
30) Bromochloromethane	5.273	128	80562	60.530	ug/L	99
31) Cyclohexane	5.278	56	330655	63.302	ug/L	96
32) Chloroform	5.341	83	315593	59.493	ug/L	99
33) Ethyl acetate	5.461	43	115148	60.730	ug/L #	97
34) Carbon tetrachloride	5.488	117	267135	62.756	ug/L	99
35) Tetrahydrofuran	5.508	42	32572	60.287	ug/L #	3
37) 1,1,1-Trichloroethane	5.556	97	295678	60.619	ug/L	98
39) 2-Butanone	5.655	43	46228	60.850	ug/L #	63
40) 1,1-Dichloropropene	5.676	75	236869	61.215	ug/L	97
41) Benzene	5.928	78	685551	58.992	ug/L	98
42) tert-Amyl methyl ether	6.038	73	374511	61.017	ug/L	98
44) 1,2-Dichloroethane	6.138	62	228706	58.544	ug/L	99
47) Methyl cyclohexane	6.520	83	275148	63.211	ug/L	97
48) Trichloroethene	6.526	95	201303	59.749	ug/L	97
50) Dibromomethane	6.971	93	94335	60.020	ug/L	93
51) 1,2-Dichloropropane	7.087	63	204169	60.102	ug/L	99
53) 2-Chloroethyl vinyl ether	7.774	63	47400	56.127	ug/L	89
54) Bromodichloromethane	7.144	83	233701	60.422	ug/L	100
57) 1,4-Dioxane	7.365	88	54693	3073.031	ug/L	98
58) cis-1,3-Dichloropropene	7.847	75	269267	61.620	ug/L	96
61) Toluene	8.120	92	431258	60.126	ug/L	97
62) 4-Methyl-2-pentanone	8.560	58	42858	59.883	ug/L	90
63) Tetrachloroethene	8.565	166	203867	60.943	ug/L	95
65) trans-1,3-Dichloropropene	8.597	75	226222	61.168	ug/L	91
67) Ethyl methacrylate	8.785	69	159185	56.668	ug/L	92
68) 1,1,2-Trichloroethane	8.785	83	114492	59.975	ug/L	100
69) Chlorodibromomethane	8.995	129	173476	61.542	ug/L	98
70) 1,3-Dichloropropane	9.116	76	199636	59.943	ug/L	100
71) 1,2-Dibromoethane	9.284	107	124448	60.336	ug/L	100
72) 2-Hexanone	9.567	43	76432	59.631	ug/L	96
73) Chlorobenzene	9.939	112	494065	60.383	ug/L	96
74) Ethylbenzene	9.976	91	883773	62.053	ug/L	99
75) 1,1,1,2-Tetrachloroethane	10.018	131	181643	60.792	ug/L	99
76) p/m Xylene	10.159	106	687217	125.510	ug/L	98
77) o Xylene	10.678	106	643373	123.880	ug/L	95
78) Styrene	10.741	104	1071452	125.745	ug/L	96

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA117\2017\170525ICAL\
 Data File : V17170525I09.D
 Acq On : 25 May 2017 10:06 am
 Operator : VOA117:CBN
 Sample : I8260STD5
 Misc : WG1006995,ICAL
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: May 25 12:03:07 2017
 Quant Method : I:\VOLATILES\VOA117\2017\170525ICAL\V117_170525_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 25 12:01:44 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA117\2017\170525ICAL\V17170525I07.D
 Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) Bromoform	10.762	173	116007	61.173	ug/L	100
82) Isopropylbenzene	11.045	105	899657	62.119	ug/L	99
84) Bromobenzene	11.470	156	217442	59.560	ug/L	99
85) n-Propylbenzene	11.507	91	1114755	61.818	ug/L	98
86) 1,4-Dichlorobutane	11.528	55	268266	60.144	ug/L	99
87) 1,1,2,2-Tetrachloroethane	11.585	83	157400	59.688	ug/L	99
88) 4-Ethyltoluene	11.627	105	899176	62.132	ug/L	99
89) 2-Chlorotoluene	11.674	91	645730	60.777	ug/L	96
90) 1,3,5-Trimethylbenzene	11.722	105	810095	62.447	ug/L	98
91) 1,2,3-Trichloropropane	11.727	75	127369	60.295	ug/L	94
92) trans-1,4-Dichloro-2-b...	11.774	53	51039	61.404	ug/L	99
93) 4-Chlorotoluene	11.853	91	658803	60.828	ug/L	97
94) tert-Butylbenzene	12.057	119	669662	62.447	ug/L	96
97) 1,2,4-Trimethylbenzene	12.131	105	803314	62.823	ug/L	98
98) sec-Butylbenzene	12.241	105	1028540	63.201	ug/L	98
99) p-Isopropyltoluene	12.393	119	876505	63.729	ug/L	99
100) 1,3-Dichlorobenzene	12.461	146	449683	60.340	ug/L	99
101) 1,4-Dichlorobenzene	12.550	146	438528	59.738	ug/L	99
102) p-Diethylbenzene	12.760	119	535575	63.398	ug/L	98
103) n-Butylbenzene	12.817	91	895239	62.974	ug/L	98
104) 1,2-Dichlorobenzene	12.969	146	397967	59.918	ug/L	99
105) 1,2,4,5-Tetramethylben...	13.541	119	828373	64.995	ug/L	98
106) 1,2-Dibromo-3-chloropr...	13.740	155	22744	59.602	ug/L	99
107) 1,3,5-Trichlorobenzene	13.766	180	353754	60.690	ug/L	98
108) Hexachlorobutadiene	14.333	225	191407	61.786	ug/L	99
109) 1,2,4-Trichlorobenzene	14.364	180	302399	60.834	ug/L	99
110) Naphthalene	14.658	128	534440	61.500	ug/L	100
111) 1,2,3-Trichlorobenzene	14.820	180	269860	60.456	ug/L	100

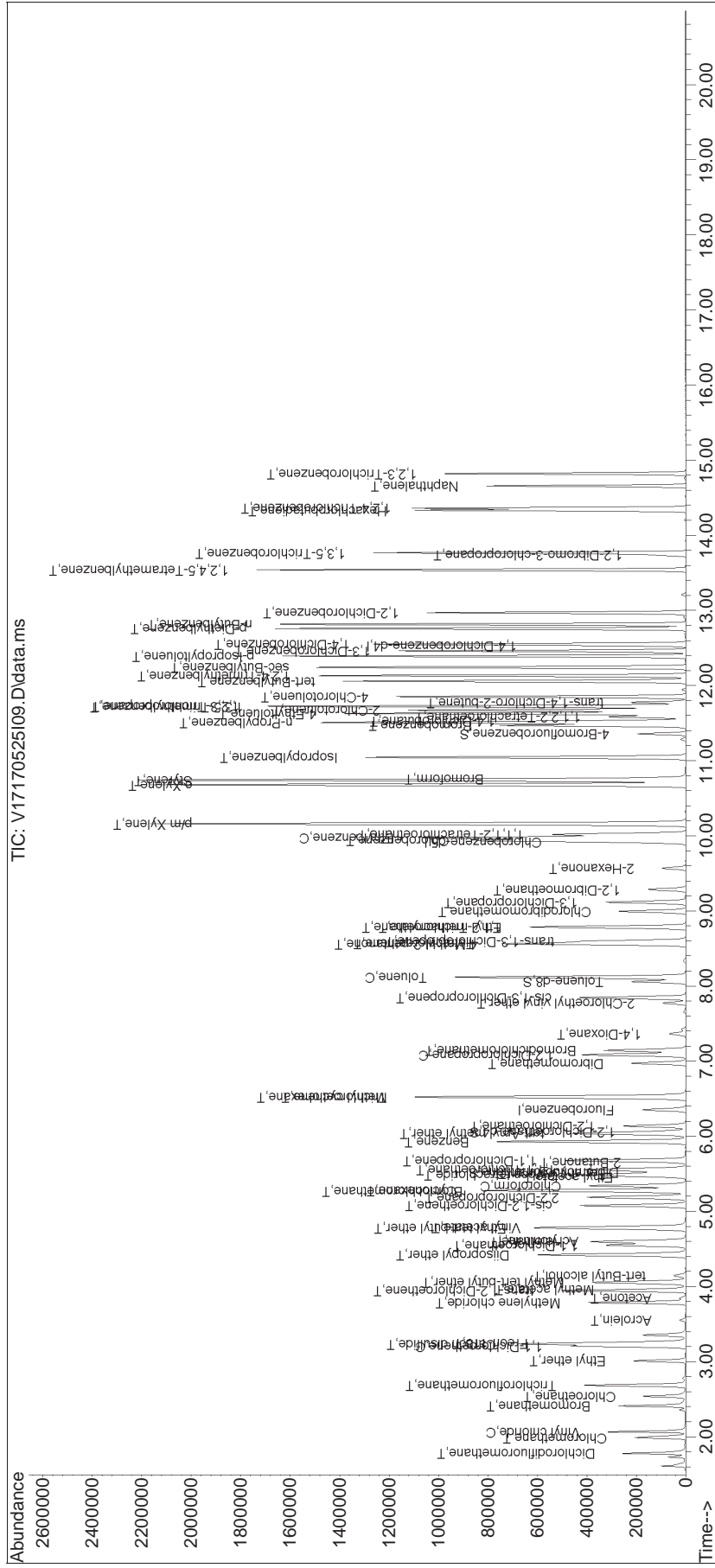
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA117\2017\170525ICAL\
 Data File : V17170525I09.D
 Acq On : 25 May 2017 10:06 am
 Operator : VOA117:CBN
 Sample : I8260STD15
 Misc : WG1006995,ICAL
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: May 25 12:03:07 2017
 Quant Method : I:\VOLATILES\VOA117\2017\170525ICAL\170525ICAL\1717_170525_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 25 12:01:44 2017
 Response via : Initial Calibration

Sub List : 8260-CurveSoil - Megamix plus Diox5ICAL\17170525I07.D



Manual Integration Report

Data Path : I:\VOLATILES\VOA117\2017\1QMethod : V117_170525_8260.m
Data File : V17170525I09.D Operator : VOA117:CBN
Date Inj'd : 5/25/2017 10:06 am Instrument : VOA 117
Sample : I8260STD5 Quant Date : 5/25/2017 12:02 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA117\2017\170525ICAL\
 Data File : V17170525I10.D
 Acq On : 25 May 2017 10:32 am
 Operator : VOA117:CBN
 Sample : I8260STDL6
 Misc : WG1006995,ICAL
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: May 25 12:03:20 2017
 Quant Method : I:\VOLATILES\VOA117\2017\170525ICAL\V117_170525_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 25 12:01:44 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA117\2017\170525ICAL\V17170525I07.D
 Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	

Internal Standards							
1) Fluorobenzene	6.353	96	169129	20.000	ug/L	0.00	
Standard Area 1 = 154690			Recovery = 109.33%				
59) Chlorobenzene-d5	9.918	117	139392	20.000	ug/L	0.00	
Standard Area 1 = 124923			Recovery = 111.58%				
79) 1,4-Dichlorobenzene-d4	12.540	152	79879	20.000	ug/L	0.00	
Standard Area 1 = 69990			Recovery = 114.13%				
System Monitoring Compounds							
36) Dibromofluoromethane	5.524	113	45291	20.067	ug/L	0.00	
Spiked Amount 20.000	Range 70 - 130		Recovery = 100.33%				
43) 1,2-Dichloroethane-d4	6.064	65	46112	19.957	ug/L	0.00	
Spiked Amount 20.000	Range 70 - 130		Recovery = 99.78%				
60) Toluene-d8	8.057	98	178881	19.825	ug/L	0.00	
Spiked Amount 20.000	Range 70 - 130		Recovery = 99.13%				
83) 4-Bromofluorobenzene	11.360	95	69385	19.891	ug/L	0.00	
Spiked Amount 20.000	Range 70 - 130		Recovery = 99.45%				
Target Compounds							
							Qvalue
2) Dichlorodifluoromethane	1.775	85	378841	102.281	ug/L		99
3) Chloromethane	1.990	50	423801	93.960	ug/L		98
4) Vinyl chloride	2.064	62	442310	100.750	ug/L		99
5) Bromomethane	2.410	94	263437	93.307	ug/L		99
6) Chloroethane	2.530	64	252065	107.603	ug/L		98
7) Trichlorofluoromethane	2.682	101	572704	101.697	ug/L		99
8) Ethyl ether	3.008	74	125890	104.357	ug/L		88
10) 1,1-Dichloroethene	3.207	96	267744	100.964	ug/L		99
11) Carbon disulfide	3.233	76	932967	93.270	ug/L		100
12) Freon-113	3.243	101	251502	103.499	ug/L	#	59
14) Acrolein	3.553	56	35022	99.532	ug/L		94
15) Methylene chloride	3.789	84	289741	98.037	ug/L		86
17) Acetone	3.846	43	46753	100.640	ug/L		99
18) trans-1,2-Dichloroethene	3.946	96	291245	100.188	ug/L		99
19) Methyl acetate	3.962	43	132262	103.644	ug/L	#	85
20) Methyl tert-butyl ether	4.056	73	688132	104.728	ug/L		95
21) tert-Butyl alcohol	4.145	59	108046	523.164	ug/L		97
22) Diisopropyl ether	4.423	45	1014999	105.543	ug/L		96
23) 1,1-Dichloroethane	4.549	63	612642	101.143	ug/L		100
24) Halothane	4.596	117	255603	102.645	ug/L		99
25) Acrylonitrile	4.607	53	72755	107.515	ug/L	#	90

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA117\2017\170525ICAL\
 Data File : V17170525I10.D
 Acq On : 25 May 2017 10:32 am
 Operator : VOA117:CBN
 Sample : I8260STDL6
 Misc : WG1006995,ICAL
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: May 25 12:03:20 2017
 Quant Method : I:\VOLATILES\VOA117\2017\170525ICAL\V117_170525_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 25 12:01:44 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA117\2017\170525ICAL\V17170525I07.D
 Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
26) Ethyl tert-butyl ether	4.774	59	955883	105.960	ug/L	87
27) Vinyl acetate	4.790	43	606449	108.381	ug/L	99
28) cis-1,2-Dichloroethene	5.079	96	317057	101.980	ug/L	96
29) 2,2-Dichloropropane	5.189	77	469046	102.840	ug/L	96
30) Bromochloromethane	5.273	128	141108	103.006	ug/L	99
31) Cyclohexane	5.278	56	574013	106.767	ug/L	95
32) Chloroform	5.341	83	551601	101.026	ug/L	99
33) Ethyl acetate	5.461	43	208478	106.826	ug/L #	97
34) Carbon tetrachloride	5.488	117	472122	107.759	ug/L	99
35) Tetrahydrofuran	5.508	42	60608	108.988	ug/L #	6
37) 1,1,1-Trichloroethane	5.556	97	514107	102.404	ug/L	98
39) 2-Butanone	5.655	43	81576	104.325	ug/L #	65
40) 1,1-Dichloropropene	5.676	75	413665	103.865	ug/L	97
41) Benzene	5.928	78	1195981	99.988	ug/L	98
42) tert-Amyl methyl ether	6.038	73	674906	106.833	ug/L	99
44) 1,2-Dichloroethane	6.138	62	405462	100.840	ug/L	99
47) Methyl cyclohexane	6.520	83	484701	108.186	ug/L	96
48) Trichloroethene	6.526	95	351141	101.259	ug/L	97
50) Dibromomethane	6.971	93	168403	104.099	ug/L	93
51) 1,2-Dichloropropane	7.087	63	359533	102.828	ug/L	99
53) 2-Chloroethyl vinyl ether	7.774	63	87603	100.782	ug/L	90
54) Bromodichloromethane	7.144	83	413725	103.925	ug/L	99
57) 1,4-Dioxane	7.365	88	98754	5390.912	ug/L	98
58) cis-1,3-Dichloropropene	7.847	75	477086	106.074	ug/L	96
61) Toluene	8.120	92	756919	101.279	ug/L	97
62) 4-Methyl-2-pentanone	8.560	58	79623	106.771	ug/L	88
63) Tetrachloroethene	8.565	166	352261	101.061	ug/L	95
65) trans-1,3-Dichloropropene	8.597	75	409359	106.228	ug/L	90
67) Ethyl methacrylate	8.785	69	295905	100.594	ug/L	94
68) 1,1,2-Trichloroethane	8.785	83	206671	103.901	ug/L	99
69) Chlorodibromomethane	8.995	129	309806	105.480	ug/L	98
70) 1,3-Dichloropropane	9.116	76	355434	102.425	ug/L	100
71) 1,2-Dibromoethane	9.284	107	222385	103.476	ug/L	100
72) 2-Hexanone	9.567	43	142907	107.004	ug/L	97
73) Chlorobenzene	9.939	112	863943	101.337	ug/L	96
74) Ethylbenzene	9.976	91	1552366	104.607	ug/L	99
75) 1,1,1,2-Tetrachloroethane	10.018	131	321871	103.384	ug/L	99
76) p/m Xylene	10.159	106	1202997	210.861	ug/L	97
77) o Xylene	10.678	106	1143140	211.245	ug/L	96
78) Styrene	10.741	104	1922503	216.537	ug/L	96

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA117\2017\170525ICAL\
 Data File : V17170525I10.D
 Acq On : 25 May 2017 10:32 am
 Operator : VOA117:CBN
 Sample : I8260STDL6
 Misc : WG1006995,ICAL
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: May 25 12:03:20 2017
 Quant Method : I:\VOLATILES\VOA117\2017\170525ICAL\V117_170525_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 25 12:01:44 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA117\2017\170525ICAL\V17170525I07.D
 Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) Bromoform	10.762	173	212247	107.883	ug/L	100
82) Isopropylbenzene	11.045	105	1584079	105.428	ug/L	99
84) Bromobenzene	11.470	156	380912	100.570	ug/L	99
85) n-Propylbenzene	11.507	91	1932377	103.291	ug/L	98
86) 1,4-Dichlorobutane	11.528	55	480951	103.935	ug/L	99
87) 1,1,2,2-Tetrachloroethane	11.585	83	281430	102.870	ug/L	99
88) 4-Ethyltoluene	11.627	105	1564501	104.204	ug/L	99
89) 2-Chlorotoluene	11.674	91	1121965	101.790	ug/L	95
90) 1,3,5-Trimethylbenzene	11.722	105	1406712	104.525	ug/L	98
91) 1,2,3-Trichloropropane	11.727	75	222033	101.314	ug/L	95
92) trans-1,4-Dichloro-2-b...	11.779	53	90797	105.293	ug/L	92
93) 4-Chlorotoluene	11.853	91	1142567	101.687	ug/L	96
94) tert-Butylbenzene	12.057	119	1164697	104.689	ug/L	96
97) 1,2,4-Trimethylbenzene	12.131	105	1400736	105.590	ug/L	98
98) sec-Butylbenzene	12.246	105	1775579	105.166	ug/L	98
99) p-Isopropyltoluene	12.393	119	1507835	105.676	ug/L	99
100) 1,3-Dichlorobenzene	12.461	146	770380	99.641	ug/L	98
101) 1,4-Dichlorobenzene	12.550	146	752250	98.776	ug/L	99
102) p-Diethylbenzene	12.760	119	921415	105.135	ug/L	98
103) n-Butylbenzene	12.817	91	1520819	103.118	ug/L	98
104) 1,2-Dichlorobenzene	12.969	146	695237	100.897	ug/L	99
105) 1,2,4,5-Tetramethylben...	13.541	119	1426463	107.882	ug/L	98
106) 1,2-Dibromo-3-chloropr...	13.740	155	41278	104.268	ug/L	99
107) 1,3,5-Trichlorobenzene	13.766	180	593108	98.082	ug/L	98
108) Hexachlorobutadiene	14.333	225	321878	100.152	ug/L	100
109) 1,2,4-Trichlorobenzene	14.364	180	507937	98.495	ug/L	98
110) Naphthalene	14.658	128	942994	104.598	ug/L	100
111) 1,2,3-Trichlorobenzene	14.826	180	458044	98.911	ug/L	99

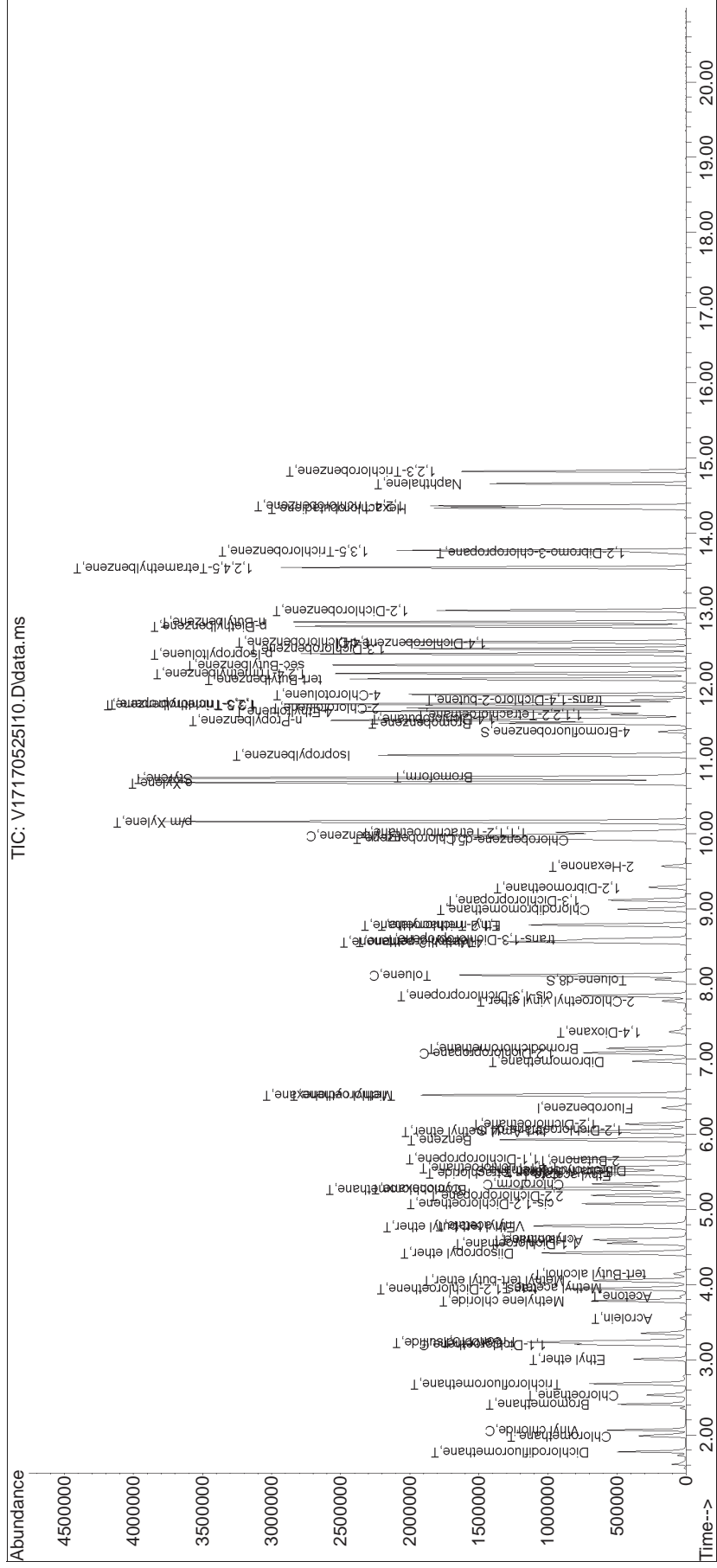
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA117\2017\170525ICAL\
 Data File : V17170525I10.D
 Acq On : 25 May 2017 10:32 am
 Operator : VOA117:CBN
 Sample : I8260STD16
 Misc : WG1006995,ICAL
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: May 25 12:03:20 2017
 Quant Method : I:\VOLATILES\VOA117\2017\170525ICAL\VOA117_170525_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 25 12:01:44 2017
 Response via : Initial Calibration

Sub List : 8260-CurveSoil - Megamix plus Diox5ICAL\V17170525I07.D•



Manual Integration Report

Data Path : I:\VOLATILES\VOA117\2017\1QMethod : V117_170525_8260.m
Data File : V17170525I10.D Operator : VOA117:CBN
Date Inj'd : 5/25/2017 10:32 am Instrument : VOA 117
Sample : I8260STD6 Quant Date : 5/25/2017 12:03 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA117\2017\170525ICAL\
 Data File : V17170525I11.D
 Acq On : 25 May 2017 10:58 am
 Operator : VOA117:CBN
 Sample : I8260STDL7
 Misc : WG1006995,ICAL
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: May 25 12:03:33 2017
 Quant Method : I:\VOLATILES\VOA117\2017\170525ICAL\V117_170525_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 25 12:01:44 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA117\2017\170525ICAL\V17170525I07.D
 Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	

Internal Standards							
1) Fluorobenzene	6.353	96	171940	20.000	ug/L	0.00	
Standard Area 1 = 154690			Recovery = 111.15%				
59) Chlorobenzene-d5	9.918	117	143769	20.000	ug/L	0.00	
Standard Area 1 = 124923			Recovery = 115.09%				
79) 1,4-Dichlorobenzene-d4	12.540	152	82390	20.000	ug/L	0.00	
Standard Area 1 = 69990			Recovery = 117.72%				
System Monitoring Compounds							
36) Dibromofluoromethane	5.524	113	46122	20.101	ug/L	0.00	
Spiked Amount 20.000	Range 70 - 130		Recovery = 100.51%				
43) 1,2-Dichloroethane-d4	6.064	65	47887	20.387	ug/L	0.00	
Spiked Amount 20.000	Range 70 - 130		Recovery = 101.94%				
60) Toluene-d8	8.062	98	183066	19.671	ug/L	0.00	
Spiked Amount 20.000	Range 70 - 130		Recovery = 98.35%				
83) 4-Bromofluorobenzene	11.360	95	70624	19.629	ug/L	0.00	
Spiked Amount 20.000	Range 70 - 130		Recovery = 98.15%				
Target Compounds							
							Qvalue
2) Dichlorodifluoromethane	1.776	85	763895	202.867	ug/L		100
3) Chloromethane	1.991	50	851653	185.731	ug/L		98
4) Vinyl chloride	2.064	62	886706	198.672	ug/L		99
5) Bromomethane	2.410	94	534198	186.115	ug/L		100
6) Chloroethane	2.520	64	501743	210.686	ug/L		99
7) Trichlorofluoromethane	2.677	101	1159098	202.460	ug/L		99
8) Ethyl ether	3.008	74	254626	207.622	ug/L		87
10) 1,1-Dichloroethene	3.202	96	544245	201.874	ug/L		99
11) Carbon disulfide	3.233	76	1856139	182.526	ug/L		99
12) Freon-113	3.244	101	514460	208.251	ug/L	#	56
14) Acrolein	3.553	56	72023	200.787	ug/L		93
15) Methylene chloride	3.784	84	580812	193.311	ug/L		86
17) Acetone	3.847	43	93439	199.663	ug/L		98
18) trans-1,2-Dichloroethene	3.941	96	593945	200.975	ug/L		99
19) Methyl acetate	3.962	43	261281	201.400	ug/L	#	85
20) Methyl tert-butyl ether	4.051	73	1378617	206.385	ug/L		95
21) tert-Butyl alcohol	4.145	59	212981	1014.404	ug/L		96
22) Diisopropyl ether	4.418	45	2047593	209.434	ug/L		97
23) 1,1-Dichloroethane	4.549	63	1230790	199.874	ug/L		100
24) Halothane	4.596	117	518320	204.745	ug/L		100
25) Acrylonitrile	4.602	53	145552	211.575	ug/L	#	90

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA117\2017\170525ICAL\
 Data File : V17170525I11.D
 Acq On : 25 May 2017 10:58 am
 Operator : VOA117:CBN
 Sample : I8260STDL7
 Misc : WG1006995,ICAL
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: May 25 12:03:33 2017
 Quant Method : I:\VOLATILES\VOA117\2017\170525ICAL\V117_170525_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 25 12:01:44 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA117\2017\170525ICAL\V17170525I07.D
 Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
26) Ethyl tert-butyl ether	4.780	59	1944607	212.037	ug/L	87
27) Vinyl acetate	4.790	43	1218597	214.221	ug/L	99
28) cis-1,2-Dichloroethene	5.079	96	642456	203.265	ug/L	96
29) 2,2-Dichloropropane	5.189	77	942783	203.330	ug/L	96
30) Bromochloromethane	5.273	128	279240	200.506	ug/L	100
31) Cyclohexane	5.278	56	1185700	216.935	ug/L	95
32) Chloroform	5.341	83	1102654	198.650	ug/L	99
33) Ethyl acetate	5.461	43	410363	206.836	ug/L #	97
34) Carbon tetrachloride	5.482	117	967801	217.284	ug/L	99
35) Tetrahydrofuran	5.509	42	116247	205.623	ug/L #	1
37) 1,1,1-Trichloroethane	5.556	97	1041219	204.009	ug/L	98
39) 2-Butanone	5.655	43	161699	203.410	ug/L #	62
40) 1,1-Dichloropropene	5.676	75	840502	207.587	ug/L	97
41) Benzene	5.928	78	2406951	197.940	ug/L	98
42) tert-Amyl methyl ether	6.038	73	1364644	212.482	ug/L	99
44) 1,2-Dichloroethane	6.138	62	802197	196.247	ug/L	99
47) Methyl cyclohexane	6.521	83	998102	219.136	ug/L	97
48) Trichloroethene	6.526	95	719191	204.004	ug/L	96
50) Dibromomethane	6.971	93	335502	204.001	ug/L	93
51) 1,2-Dichloropropane	7.087	63	725731	204.169	ug/L	99
53) 2-Chloroethyl vinyl ether	7.774	63	177479	200.841	ug/L	90
54) Bromodichloromethane	7.144	83	832651	205.737	ug/L	99
57) 1,4-Dioxane	7.365	88	191157	10264.526	ug/L	98
58) cis-1,3-Dichloropropene	7.847	75	965638	211.187	ug/L	95
61) Toluene	8.120	92	1538697	199.617	ug/L	98
62) 4-Methyl-2-pentanone	8.560	58	161142	209.506	ug/L	87
63) Tetrachloroethene	8.565	166	720092	200.300	ug/L	94
65) trans-1,3-Dichloropropene	8.597	75	830444	208.938	ug/L	89
67) Ethyl methacrylate	8.786	69	611404	200.878	ug/L	96
68) 1,1,2-Trichloroethane	8.786	83	415406	202.481	ug/L	99
69) Chlorodibromomethane	8.995	129	630001	207.967	ug/L	98
70) 1,3-Dichloropropane	9.116	76	709982	198.366	ug/L	100
71) 1,2-Dibromoethane	9.284	107	446696	201.520	ug/L	100
72) 2-Hexanone	9.567	43	285599	207.336	ug/L	96
73) Chlorobenzene	9.939	112	1764855	200.707	ug/L	96
74) Ethylbenzene	9.976	91	3168160	206.990	ug/L	100
75) 1,1,1,2-Tetrachloroethane	10.023	131	657361	204.714	ug/L	100
76) p/m Xylene	10.165	106	2468655	419.532	ug/L	99
77) o Xylene	10.684	106	2366803	424.054	ug/L	98
78) Styrene	10.746	104	3947365	431.066	ug/L	95

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA117\2017\170525ICAL\
 Data File : V17170525I11.D
 Acq On : 25 May 2017 10:58 am
 Operator : VOA117:CBN
 Sample : I8260STDL7
 Misc : WG1006995,ICAL
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: May 25 12:03:33 2017
 Quant Method : I:\VOLATILES\VOA117\2017\170525ICAL\V117_170525_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 25 12:01:44 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA117\2017\170525ICAL\V17170525I07.D
 Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) Bromoform	10.762	173	433594	213.674	ug/L	100
82) Isopropylbenzene	11.045	105	3234983	208.742	ug/L	100
84) Bromobenzene	11.470	156	779437	199.519	ug/L	99
85) n-Propylbenzene	11.507	91	3952522	204.835	ug/L	98
86) 1,4-Dichlorobutane	11.528	55	962308	201.619	ug/L	99
87) 1,1,2,2-Tetrachloroethane	11.585	83	563355	199.646	ug/L	99
88) 4-Ethyltoluene	11.633	105	3185229	205.687	ug/L	99
89) 2-Chlorotoluene	11.675	91	2292564	201.654	ug/L	96
90) 1,3,5-Trimethylbenzene	11.727	105	2878165	207.342	ug/L	99
91) 1,2,3-Trichloropropane	11.727	75	464128	205.327	ug/L	94
92) trans-1,4-Dichloro-2-b...	11.779	53	180323	202.739	ug/L	93
93) 4-Chlorotoluene	11.853	91	2339020	201.825	ug/L	97
94) tert-Butylbenzene	12.057	119	2411106	210.118	ug/L	95
97) 1,2,4-Trimethylbenzene	12.136	105	2881229	210.573	ug/L	99
98) sec-Butylbenzene	12.246	105	3646487	209.397	ug/L	99
99) p-Isopropyltoluene	12.393	119	3130344	212.702	ug/L	98
100) 1,3-Dichlorobenzene	12.461	146	1591122	199.524	ug/L	99
101) 1,4-Dichlorobenzene	12.555	146	1554050	197.840	ug/L	99
102) p-Diethylbenzene	12.760	119	1931722	213.694	ug/L	97
103) n-Butylbenzene	12.818	91	3154232	207.353	ug/L	99
104) 1,2-Dichlorobenzene	12.970	146	1434424	201.828	ug/L	98
105) 1,2,4,5-Tetramethylben...	13.541	119	3009252	220.650	ug/L	98
106) 1,2-Dibromo-3-chloropr...	13.740	155	84796	207.665	ug/L	99
107) 1,3,5-Trichlorobenzene	13.772	180	1250121	200.431	ug/L	98
108) Hexachlorobutadiene	14.333	225	670889	202.385	ug/L	100
109) 1,2,4-Trichlorobenzene	14.364	180	1061523	199.568	ug/L	98
110) Naphthalene	14.658	128	1921534	206.643	ug/L	100
111) 1,2,3-Trichlorobenzene	14.826	180	950832	199.067	ug/L	99

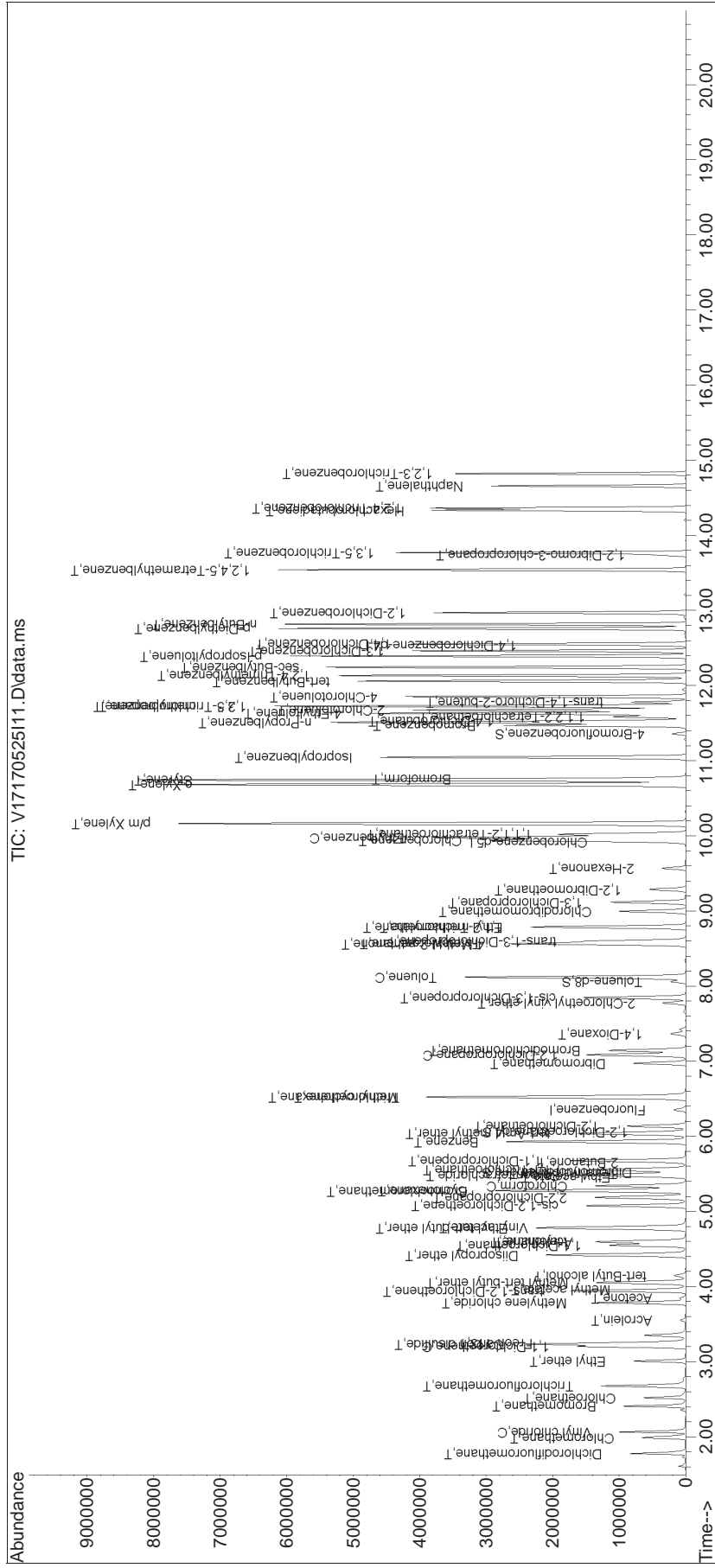
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA117\2017\170525ICAL\
 Data File : V17170525I11.D
 Acq On : 25 May 2017 10:58 am
 Operator : VOA117:CBN
 Sample : I8260STD7
 Misc : WG1006995,ICAL
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: May 25 12:03:33 2017
 Quant Method : I:\VOLATILES\VOA117\2017\170525ICAL\VOA117_170525_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 25 12:01:44 2017
 Response via : Initial Calibration

Sub List : 8260-CurveSoil - Megamix plus Diox5ICAL\V17170525I07.D•



Manual Integration Report

Data Path : I:\VOLATILES\VOA117\2017\1QMethod : V117_170525_8260.m
Data File : V17170525I11.D Operator : VOA117:CBN
Date Inj'd : 5/25/2017 10:58 am Instrument : VOA 117
Sample : I8260STD7 Quant Date : 5/25/2017 12:03 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA117\2017\170525ICAL\
 Data File : V17170525I12.D
 Acq On : 25 May 2017 11:24 am
 Operator : VOA117:CBN
 Sample : I8260STD L8
 Misc : WG1006995,ICAL
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: May 25 12:03:46 2017
 Quant Method : I:\VOLATILES\VOA117\2017\170525ICAL\V117_170525_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 25 12:01:44 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA117\2017\170525ICAL\V17170525I07.D
 Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	

Internal Standards							
1) Fluorobenzene	6.353	96	179254	20.000	ug/L	0.00	
Standard Area 1 = 154690			Recovery = 115.88%				
59) Chlorobenzene-d5	9.918	117	152077	20.000	ug/L	0.00	
Standard Area 1 = 124923			Recovery = 121.74%				
79) 1,4-Dichlorobenzene-d4	12.540	152	87552	20.000	ug/L	0.00	
Standard Area 1 = 69990			Recovery = 125.09%				
System Monitoring Compounds							
36) Dibromofluoromethane	5.524	113	48786	20.395	ug/L	0.00	
Spiked Amount 20.000	Range 70 - 130		Recovery = 101.97%				
43) 1,2-Dichloroethane-d4	6.064	65	50680	20.695	ug/L	0.00	
Spiked Amount 20.000	Range 70 - 130		Recovery = 103.48%				
60) Toluene-d8	8.062	98	192431	19.548	ug/L	0.00	
Spiked Amount 20.000	Range 70 - 130		Recovery = 97.74%				
83) 4-Bromofluorobenzene	11.360	95	75291	19.692	ug/L	0.00	
Spiked Amount 20.000	Range 70 - 130		Recovery = 98.46%				
Target Compounds							
							Qvalue
2) Dichlorodifluoromethane	1.775	85	1194990	304.404	ug/L		100
3) Chloromethane	1.990	50	1345894	281.541	ug/L		98
4) Vinyl chloride	2.064	62	1401487	301.200	ug/L		99
5) Bromomethane	2.405	94	867061	289.759	ug/L		99
6) Chloroethane	2.515	64	481039	193.751	ug/L		99
7) Trichlorofluoromethane	2.667	101	1815474	304.171	ug/L		99
8) Ethyl ether	3.008	74	407096	318.402	ug/L		87
10) 1,1-Dichloroethene	3.202	96	877966	312.372	ug/L		100
11) Carbon disulfide	3.228	76	2967283	279.887	ug/L		99
12) Freon-113	3.244	101	816796	317.144	ug/L	#	57
14) Acrolein	3.553	56	113597	303.488	ug/L		94
15) Methylene chloride	3.784	84	925100	295.336	ug/L		86
17) Acetone	3.846	43	146290	300.786	ug/L		98
18) trans-1,2-Dichloroethene	3.941	96	952604	309.184	ug/L		99
19) Methyl acetate	3.962	43	414091	306.164	ug/L	#	85
20) Methyl tert-butyl ether	4.056	73	2178214	312.783	ug/L		95
21) tert-Butyl alcohol	4.151	59	348534	1592.294	ug/L		98
22) Diisopropyl ether	4.423	45	3239231	317.800	ug/L		97
23) 1,1-Dichloroethane	4.549	63	1963797	305.898	ug/L		100
24) Halothane	4.596	117	833716	315.894	ug/L		100
25) Acrylonitrile	4.607	53	227915	317.780	ug/L	#	90

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA117\2017\170525ICAL\
 Data File : V17170525I12.D
 Acq On : 25 May 2017 11:24 am
 Operator : VOA117:CBN
 Sample : I8260STDL8
 Misc : WG1006995,ICAL
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: May 25 12:03:46 2017
 Quant Method : I:\VOLATILES\VOA117\2017\170525ICAL\V117_170525_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 25 12:01:44 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA117\2017\170525ICAL\V17170525I07.D
 Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
26) Ethyl tert-butyl ether	4.780	59	3096595	323.870	ug/L	86
27) Vinyl acetate	4.790	43	1927214	324.967	ug/L	98
28) cis-1,2-Dichloroethene	5.079	96	1027269	311.753	ug/L	97
29) 2,2-Dichloropropane	5.189	77	1516224	313.661	ug/L	95
30) Bromochloromethane	5.273	128	438016	301.681	ug/L	99
31) Cyclohexane	5.278	56	1879903	329.912	ug/L	95
32) Chloroform	5.341	83	1757300	303.672	ug/L	99
33) Ethyl acetate	5.461	43	648584	313.568	ug/L #	97
34) Carbon tetrachloride	5.482	117	1534566	330.472	ug/L	100
35) Tetrahydrofuran	5.509	42	181633	308.171	ug/L #	1
37) 1,1,1-Trichloroethane	5.556	97	1662192	312.389	ug/L	98
39) 2-Butanone	5.655	43	257123	310.252	ug/L #	61
40) 1,1-Dichloropropene	5.676	75	1343133	318.191	ug/L	97
41) Benzene	5.928	78	3830544	302.158	ug/L	98
42) tert-Amyl methyl ether	6.038	73	2170139	324.114	ug/L	100
44) 1,2-Dichloroethane	6.138	62	1266977	297.302	ug/L	99
47) Methyl cyclohexane	6.520	83	1596208	336.152	ug/L	96
48) Trichloroethene	6.526	95	1157262	314.873	ug/L	96
50) Dibromomethane	6.971	93	529798	308.998	ug/L	93
51) 1,2-Dichloropropane	7.087	63	1154847	311.635	ug/L	99
53) 2-Chloroethyl vinyl ether	7.774	63	275472	299.013	ug/L	91
54) Bromodichloromethane	7.144	83	1327982	314.738	ug/L	99
57) 1,4-Dioxane	7.365	88	302142	15562.087	ug/L	98
58) cis-1,3-Dichloropropene	7.847	75	1542109	323.501	ug/L	95
61) Toluene	8.120	92	2474468	303.478	ug/L	99
62) 4-Methyl-2-pentanone	8.560	58	260616	320.325	ug/L	87
63) Tetrachloroethene	8.565	166	1155762	303.923	ug/L	94
65) trans-1,3-Dichloropropene	8.597	75	1320317	314.041	ug/L	89
67) Ethyl methacrylate	8.785	69	985532	305.773	ug/L	96
68) 1,1,2-Trichloroethane	8.785	83	664217	306.071	ug/L	99
69) Chlorodibromomethane	8.995	129	1005777	313.875	ug/L	98
70) 1,3-Dichloropropane	9.116	76	1124208	296.940	ug/L	100
71) 1,2-Dibromoethane	9.284	107	709591	302.633	ug/L	100
72) 2-Hexanone	9.567	43	456673	313.418	ug/L	95
73) Chlorobenzene	9.939	112	2810064	302.114	ug/L	95
74) Ethylbenzene	9.976	91	5050477	311.943	ug/L	100
75) 1,1,1,2-Tetrachloroethane	10.023	131	1050903	309.392	ug/L	100
76) p/m Xylene	10.164	106	3975738	638.740	ug/L	99
77) o Xylene	10.683	106	3784743	641.058	ug/L	100
78) Styrene	10.746	104	6206605	640.756	ug/L	93

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA117\2017\170525ICAL\
 Data File : V17170525I12.D
 Acq On : 25 May 2017 11:24 am
 Operator : VOA117:CBN
 Sample : I8260STDL8
 Misc : WG1006995,ICAL
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: May 25 12:03:46 2017
 Quant Method : I:\VOLATILES\VOA117\2017\170525ICAL\V117_170525_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 25 12:01:44 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA117\2017\170525ICAL\V17170525I07.D
 Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) Bromoform	10.767	173	689219	319.621	ug/L	100
82) Isopropylbenzene	11.045	105	5118055	310.779	ug/L	100
84) Bromobenzene	11.470	156	1240037	298.708	ug/L	99
85) n-Propylbenzene	11.512	91	6189023	301.828	ug/L	99
86) 1,4-Dichlorobutane	11.528	55	1527953	301.257	ug/L	99
87) 1,1,2,2-Tetrachloroethane	11.585	83	886361	295.595	ug/L	99
88) 4-Ethyltoluene	11.632	105	5019012	304.995	ug/L	100
89) 2-Chlorotoluene	11.674	91	3590032	297.161	ug/L	97
90) 1,3,5-Trimethylbenzene	11.727	105	4566414	309.567	ug/L	99
91) 1,2,3-Trichloropropane	11.732	75	734402	305.739	ug/L	94
92) trans-1,4-Dichloro-2-b...	11.779	53	285477	302.041	ug/L	90
93) 4-Chlorotoluene	11.858	91	3705006	300.841	ug/L	97
94) tert-Butylbenzene	12.062	119	3818684	313.162	ug/L	95
97) 1,2,4-Trimethylbenzene	12.136	105	4537301	312.055	ug/L	99
98) sec-Butylbenzene	12.246	105	5696030	307.805	ug/L	100
99) p-Isopropyltoluene	12.398	119	4905787	313.687	ug/L	97
100) 1,3-Dichlorobenzene	12.466	146	2515726	296.869	ug/L	98
101) 1,4-Dichlorobenzene	12.555	146	2461249	294.858	ug/L	99
102) p-Diethylbenzene	12.760	119	3042650	316.744	ug/L	97
103) n-Butylbenzene	12.817	91	4926424	304.759	ug/L	98
104) 1,2-Dichlorobenzene	12.975	146	2258673	299.065	ug/L	98
105) 1,2,4,5-Tetramethylben...	13.541	119	4714376	325.296	ug/L	99
106) 1,2-Dibromo-3-chloropr...	13.740	155	134760	310.569	ug/L	99
107) 1,3,5-Trichlorobenzene	13.772	180	1966675	296.724	ug/L	98
108) Hexachlorobutadiene	14.338	225	1081460	307.005	ug/L	99
109) 1,2,4-Trichlorobenzene	14.364	180	1695940	300.040	ug/L	98
110) Naphthalene	14.658	128	3035639	307.206	ug/L	100
111) 1,2,3-Trichlorobenzene	14.826	180	1508187	297.138	ug/L	99

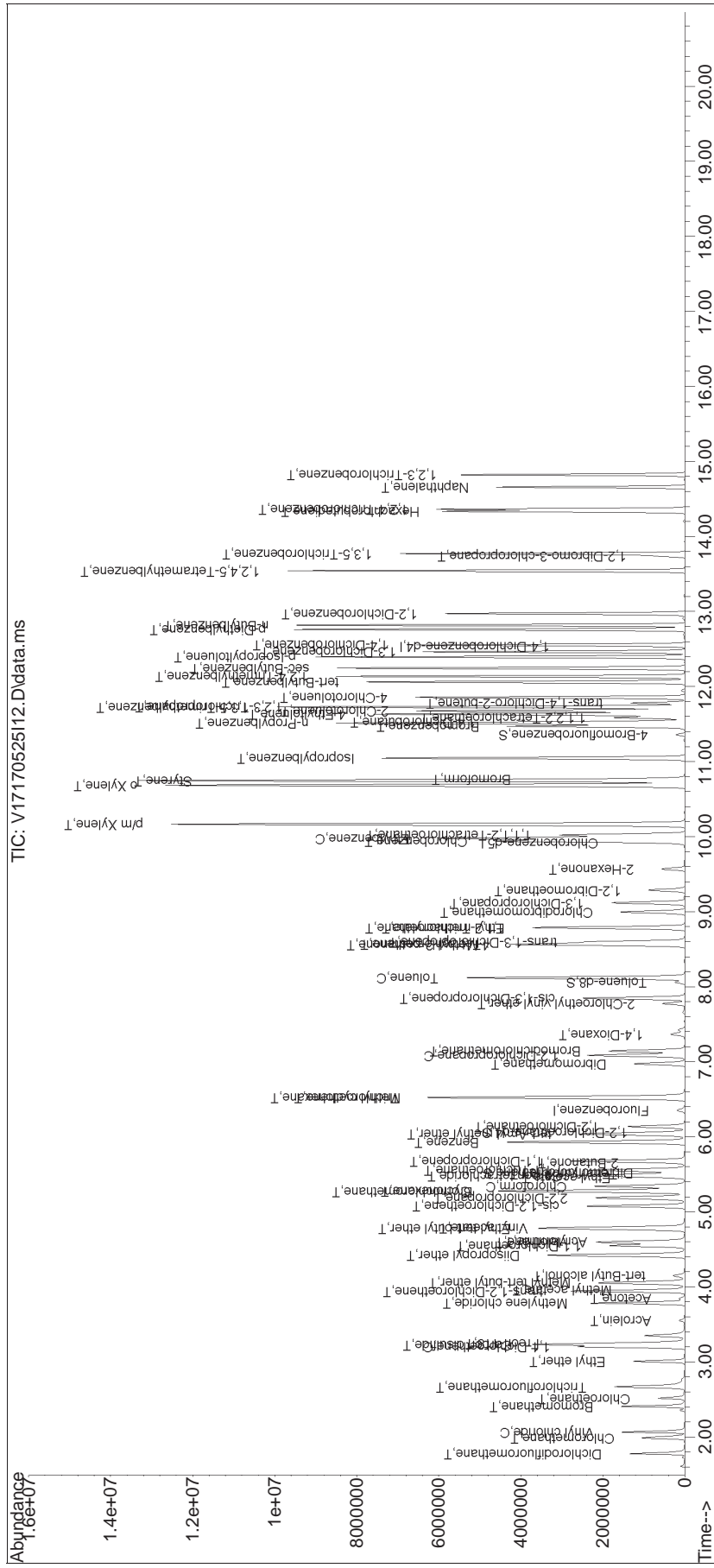
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA117\2017\170525ICAL\
 Data File : V17170525I12.D
 Acq On : 25 May 2017 11:24 am
 Operator : VOA117:CBN
 Sample : I8260STD18
 Misc : WG1006995,ICAL
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: May 25 12:03:46 2017
 Quant Method : I:\VOLATILES\VOA117\2017\170525ICAL\VOA117_170525_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 25 12:01:44 2017
 Response via : Initial Calibration

Sub List : 8260-CurveSoil - Megamix plus Diox5ICAL\VOA117\170525I07.D•



Manual Integration Report

Data Path : I:\VOLATILES\VOA117\2017\1QMethod : V117_170525_8260.m
Data File : V17170525I12.D Operator : VOA117:CBN
Date Inj'd : 5/25/2017 11:24 am Instrument : VOA 117
Sample : I8260STD8 Quant Date : 5/25/2017 12:03 pm

There are no manual integrations or false positives in this file.

Evaluate Continuing Calibration Report

Data Path : I:\VOLATILES\VOA117\2017\170525ICAL\
 Data File : V17170525I15.D
 Acq On : 25 May 2017 12:42 pm
 Operator : VOA117:CBN
 Sample : C8260STD3
 Misc : WG1006995,ICAL
 ALS Vial : 15 Sample Multiplier: 1

Quant Time: May 25 13:05:56 2017
 Quant Method : I:\VOLATILES\VOA117\2017\170525ICAL\V117_170525_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 25 12:01:44 2017
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Fluorobenzene	1.000	1.000	0.0	105	0.00
2 T	Dichlorodifluoromethane	0.438	0.604	-37.9#	147	0.00
3 T	Chloromethane	0.533	0.657	-23.3#	132	0.00
4 C	Vinyl chloride	0.519	0.636	-22.5#	129	0.00
5 T	Bromomethane	0.334	0.325	2.7	107	0.00
6 T	Chloroethane	0.277	0.316	-14.1	116	0.00
7 T	Trichlorofluoromethane	0.666	0.777	-16.7	124	0.00
8 T	Ethyl ether	0.143	0.153	-7.0	119	0.00
10 C	1,1-Dichloroethene	0.314	0.338	-7.6	119	0.00
11 T	Carbon disulfide	1.183	1.412	-19.4	124	0.00
12 T	Freon-113	0.287	0.354	-23.3#	132	0.00
14 T	Acrolein	* 20.000	17.815	10.9	103	0.00
15 T	Methylene chloride	0.349	0.341	2.3	111	0.00
17 T	Acetone	* 20.000	20.588	-2.9	109	0.00
18 T	trans-1,2-Dichloroethene	0.344	0.344	0.0	110	0.00
19 T	Methyl acetate	0.151	0.175	-15.9	129	0.00
20 T	Methyl tert-butyl ether	0.777	0.803	-3.3	116	0.00
21 T	tert-Butyl alcohol	0.024	0.031	-29.2#	143	0.00
22 T	Diisopropyl ether	1.137	1.233	-8.4	121	0.00
23 T	1,1-Dichloroethane	0.716	0.717	-0.1	110	0.00
24 T	Halothane	0.294	0.300	-2.0	113	0.00
25 T	Acrylonitrile	0.080	0.080	0.0	108	0.00
26 T	Ethyl tert-butyl ether	1.067	1.185	-11.1	124	0.00
27 T	Vinyl acetate	0.662	0.647	2.3	109	0.00
28 T	cis-1,2-Dichloroethene	0.368	0.370	-0.5	111	0.00
29 T	2,2-Dichloropropane	0.539	0.543	-0.7	110	0.00
30 T	Bromochloromethane	0.162	0.164	-1.2	110	0.00
31 T	Cyclohexane	0.636	0.746	-17.3	126	0.00
32 C	Chloroform	0.646	0.644	0.3	109	0.00
33 T	Ethyl acetate	0.231	0.232	-0.4	110	0.00
34 T	Carbon tetrachloride	0.518	0.540	-4.2	112	0.00
35 T	Tetrahydrofuran	0.066	0.072	-9.1	119	0.00
36 S	Dibromofluoromethane	0.267	0.266	0.4	106	0.00
37 T	1,1,1-Trichloroethane	0.594	0.606	-2.0	112	0.00
39 T	2-Butanone	0.092	0.094	-2.2	111	0.00
40 T	1,1-Dichloropropene	0.471	0.494	-4.9	114	0.00
41 T	Benzene	1.414	1.385	2.1	109	0.00
42 T	tert-Amyl methyl ether	0.747	0.850	-13.8	128	0.00
43 S	1,2-Dichloroethane-d4	0.273	0.267	2.2	105	0.00

Evaluate Continuing Calibration Report

Data Path : I:\VOLATILES\VOA117\2017\170525ICAL\
 Data File : V17170525I15.D
 Acq On : 25 May 2017 12:42 pm
 Operator : VOA117:CBN
 Sample : C8260STD3
 Misc : WG1006995,ICAL
 ALS Vial : 15 Sample Multiplier: 1

Quant Time: May 25 13:05:56 2017
 Quant Method : I:\VOLATILES\VOA117\2017\170525ICAL\V117_170525_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 25 12:01:44 2017
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 200%

Compound		AvgRF	CCRF	%Dev	Area%	Dev(min)
44 T	1,2-Dichloroethane	0.475	0.439	7.6	102	0.00
47 T	Methyl cyclohexane	0.530	0.639	-20.6#	130	0.00
48 T	Trichloroethene	0.410	0.418	-2.0	112	0.00
50 T	Dibromomethane	0.191	0.188	1.6	107	0.00
51 C	1,2-Dichloropropane	0.413	0.403	2.4	108	0.00
53 T	2-Chloroethyl vinyl ether	0.103	0.101	1.9	104	0.00
54 T	Bromodichloromethane	0.471	0.443	5.9	104	0.00
57 T	1,4-Dioxane	0.00217	0.00205	5.5	100	0.00
58 T	cis-1,3-Dichloropropene	0.532	0.514	3.4	108	0.00
59 I	Chlorobenzene-d5	1.000	1.000	0.0	105	0.00
60 S	Toluene-d8	1.295	1.297	-0.2	104	0.00
61 C	Toluene	1.072	1.065	0.7	108	0.00
62 T	4-Methyl-2-pentanone	0.107	0.107	0.0	118	0.00
63 T	Tetrachloroethene	0.500	0.508	-1.6	109	0.00
65 T	trans-1,3-Dichloropropene	0.553	0.548	0.9	110	0.00
67 T	Ethyl methacrylate	* 20.000	21.606	-8.0	134	0.00
68 T	1,1,2-Trichloroethane	0.285	0.286	-0.4	108	0.00
69 T	Chlorodibromomethane	0.421	0.412	2.1	109	0.00
70 T	1,3-Dichloropropane	0.498	0.496	0.4	109	0.00
71 T	1,2-Dibromoethane	0.308	0.310	-0.6	111	0.00
72 T	2-Hexanone	0.192	0.196	-2.1	117	0.00
73 T	Chlorobenzene	1.223	1.212	0.9	109	0.00
74 C	Ethylbenzene	2.129	2.171	-2.0	111	0.00
75 T	1,1,1,2-Tetrachloroethane	0.447	0.442	1.1	108	0.00
76 T	p/m Xylene	0.819	0.828	-1.1	110	0.00
77 T	o Xylene	0.776	0.849	-9.4	119	0.00
78 T	Styrene	1.274	1.391	-9.2	121	0.00
79 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	104	0.00
80 T	Bromoform	0.493	0.481	2.4	110	0.00
82 T	Isopropylbenzene	3.762	3.925	-4.3	111	0.00
83 S	4-Bromofluorobenzene	0.873	0.905	-3.7	106	0.00
84 T	Bromobenzene	0.948	0.944	0.4	109	0.00
85 T	n-Propylbenzene	4.684	4.774	-1.9	108	0.00
86 T	1,4-Dichlorobutane	1.159	1.445	-24.7#	134	0.00
87 T	1,1,2,2-Tetrachloroethane	0.685	0.686	-0.1	109	0.00
88 T	4-Ethyltoluene	3.759	4.774	-27.0#	134	0.00
89 T	2-Chlorotoluene	2.760	2.801	-1.5	109	0.00

Evaluate Continuing Calibration Report

Data Path : I:\VOLATILES\VOA117\2017\170525ICAL\
 Data File : V17170525I15.D
 Acq On : 25 May 2017 12:42 pm
 Operator : VOA117:CBN
 Sample : C8260STD3
 Misc : WG1006995,ICAL
 ALS Vial : 15 Sample Multiplier: 1

Quant Time: May 25 13:05:56 2017
 Quant Method : I:\VOLATILES\VOA117\2017\170525ICAL\V117_170525_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 25 12:01:44 2017
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	1,3,5-Trimethylbenzene	3.370	3.485	-3.4	110	0.00
91 T	1,2,3-Trichloropropane	0.549	0.553	-0.7	111	0.00
92 T	trans-1,4-Dichloro-2-butene	0.216	0.259	-19.9	128	0.00
93 T	4-Chlorotoluene	2.813	2.829	-0.6	108	0.00
94 T	tert-Butylbenzene	2.786	2.952	-6.0	113	0.00
97 T	1,2,4-Trimethylbenzene	3.321	3.482	-4.8	110	0.00
98 T	sec-Butylbenzene	4.227	4.520	-6.9	112	0.00
99 T	p-Isopropyltoluene	3.573	3.686	-3.2	109	0.00
100 T	1,3-Dichlorobenzene	1.936	1.900	1.9	105	0.00
101 T	1,4-Dichlorobenzene	1.907	1.888	1.0	107	0.00
102 T	p-Diethylbenzene	2.194	2.573	-17.3	125	0.00
103 T	n-Butylbenzene	3.693	3.830	-3.7	109	0.00
104 T	1,2-Dichlorobenzene	1.725	1.733	-0.5	109	0.00
105 T	1,2,4,5-Tetramethylbenzene	3.311	4.083	-23.3#	134	0.00
106 T	1,2-Dibromo-3-chloropropane	0.099	0.097	2.0	112	0.00
107 T	1,3,5-Trichlorobenzene	1.514	1.481	2.2	105	0.00
108 T	Hexachlorobutadiene	0.805	0.833	-3.5	111	0.00
109 T	1,2,4-Trichlorobenzene	1.291	1.277	1.1	106	0.00
110 T	Naphthalene	2.257	2.250	0.3	110	0.00
111 T	1,2,3-Trichlorobenzene	1.159	1.142	1.5	108	0.00

* Evaluation of CC level amount vs concentration.
 (#) = Out of Range SPCC's out = 0 CCC's out = 1

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA117\2017\170525ICAL\
 Data File : V17170525I15.D
 Acq On : 25 May 2017 12:42 pm
 Operator : VOA117:CBN
 Sample : C8260STDL3
 Misc : WG1006995,ICAL
 ALS Vial : 15 Sample Multiplier: 1

Quant Time: May 25 13:05:56 2017
 Quant Method : I:\VOLATILES\VOA117\2017\170525ICAL\V117_170525_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 25 12:01:44 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA117\2017\170525ICAL\V17170525I07.D
 Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	

Internal Standards							
1) Fluorobenzene	6.353	96	163099	20.000	ug/L	0.00	
Standard Area 1 = 154690			Recovery = 105.44%				
59) Chlorobenzene-d5	9.918	117	131612	20.000	ug/L	0.00	
Standard Area 1 = 124923			Recovery = 105.35%				
79) 1,4-Dichlorobenzene-d4	12.534	152	72819	20.000	ug/L	0.00	
Standard Area 1 = 69990			Recovery = 104.04%				
System Monitoring Compounds							
36) Dibromofluoromethane	5.524	113	43447	19.962	ug/L	0.00	
Spiked Amount 20.000	Range 70 - 130		Recovery = 99.81%				
43) 1,2-Dichloroethane-d4	6.070	65	43532	19.537	ug/L	0.00	
Spiked Amount 20.000	Range 70 - 130		Recovery = 97.69%				
60) Toluene-d8	8.062	98	170661	20.032	ug/L	0.00	
Spiked Amount 20.000	Range 70 - 130		Recovery = 100.16%				
83) 4-Bromofluorobenzene	11.355	95	65895	20.722	ug/L	0.00	
Spiked Amount 20.000	Range 70 - 130		Recovery = 103.61%				
Target Compounds							
							Qvalue
2) Dichlorodifluoromethane	1.775	85	98474	27.569	ug/L		100
3) Chloromethane	1.985	50	107099	24.623	ug/L		98
4) Vinyl chloride	2.064	62	103656	24.484	ug/L		100
5) Bromomethane	2.410	94	52999	19.466	ug/L		99
6) Chloroethane	2.541	64	51509	22.802	ug/L		99
7) Trichlorofluoromethane	2.688	101	126789	23.347	ug/L		98
8) Ethyl ether	3.008	74	24913	21.415	ug/L		89
10) 1,1-Dichloroethene	3.207	96	55080	21.538	ug/L		100
11) Carbon disulfide	3.233	76	230261	23.870	ug/L		100
12) Freon-113	3.243	101	57717	24.630	ug/L	#	68
14) Acrolein	3.553	56	5893	17.815	ug/L		98
15) Methylene chloride	3.784	84	55573	19.499	ug/L		86
17) Acetone	3.841	43	9881	20.588	ug/L		95
18) trans-1,2-Dichloroethene	3.946	96	56175	20.038	ug/L		99
19) Methyl acetate	3.962	43	28552	23.201	ug/L	#	88
20) Methyl tert-butyl ether	4.056	73	130968	20.669	ug/L		97
21) tert-Butyl alcohol	4.140	59	25610	128.589	ug/L		94
22) Diisopropyl ether	4.423	45	201099	21.684	ug/L		95
23) 1,1-Dichloroethane	4.549	63	116946	20.021	ug/L		99
24) Halothane	4.596	117	48961	20.389	ug/L		100
25) Acrylonitrile	4.607	53	12985	19.898	ug/L	#	89

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA117\2017\170525ICAL\
 Data File : V17170525I15.D
 Acq On : 25 May 2017 12:42 pm
 Operator : VOA117:CBN
 Sample : C8260STDL3
 Misc : WG1006995,ICAL
 ALS Vial : 15 Sample Multiplier: 1

Quant Time: May 25 13:05:56 2017
 Quant Method : I:\VOLATILES\VOA117\2017\170525ICAL\V117_170525_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 25 12:01:44 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA117\2017\170525ICAL\V17170525I07.D
 Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
26) Ethyl tert-butyl ether	4.780	59	193297	22.219	ug/L #	81
27) Vinyl acetate	4.790	43	105527	19.556	ug/L	99
28) cis-1,2-Dichloroethene	5.079	96	60378	20.138	ug/L	97
29) 2,2-Dichloropropane	5.189	77	88486	20.118	ug/L	98
30) Bromochloromethane	5.273	128	26819	20.301	ug/L	99
31) Cyclohexane	5.283	56	121607	23.455	ug/L	96
32) Chloroform	5.341	83	105075	19.956	ug/L	99
33) Ethyl acetate	5.461	43	37915	20.146	ug/L #	96
34) Carbon tetrachloride	5.488	117	88006	20.830	ug/L	98
35) Tetrahydrofuran	5.508	42	11802	22.007	ug/L #	9
37) 1,1,1-Trichloroethane	5.556	97	98813	20.410	ug/L	97
39) 2-Butanone	5.661	43	15342	20.346	ug/L #	64
40) 1,1-Dichloropropene	5.676	75	80565	20.976	ug/L	98
41) Benzene	5.928	78	225879	19.582	ug/L	98
42) tert-Amyl methyl ether	6.038	73	138586	22.748	ug/L	96
44) 1,2-Dichloroethane	6.138	62	71559	18.455	ug/L	99
47) Methyl cyclohexane	6.520	83	104141	24.104	ug/L	97
48) Trichloroethene	6.526	95	68121	20.371	ug/L	96
50) Dibromomethane	6.971	93	30738	19.703	ug/L	93
51) 1,2-Dichloropropane	7.081	63	65787	19.511	ug/L	98
53) 2-Chloroethyl vinyl ether	7.774	63	16524	19.713	ug/L	88
54) Bromodichloromethane	7.144	83	72194	18.805	ug/L	100
57) 1,4-Dioxane	7.365	88	16677	944.044	ug/L	98
58) cis-1,3-Dichloropropene	7.847	75	83912	19.347	ug/L	96
61) Toluene	8.120	92	140101	19.854	ug/L	97
62) 4-Methyl-2-pentanone	8.555	58	14120	20.054	ug/L	90
63) Tetrachloroethene	8.565	166	66819	20.303	ug/L	94
65) trans-1,3-Dichloropropene	8.597	75	72097	19.815	ug/L	91
67) Ethyl methacrylate	8.785	69	58600	21.606	ug/L	98
68) 1,1,2-Trichloroethane	8.785	83	37650	20.047	ug/L	97
69) Chlorodibromomethane	8.995	129	54244	19.560	ug/L	97
70) 1,3-Dichloropropane	9.116	76	65332	19.940	ug/L	100
71) 1,2-Dibromoethane	9.284	107	40802	20.107	ug/L	99
72) 2-Hexanone	9.567	43	25822	20.478	ug/L	99
73) Chlorobenzene	9.939	112	159458	19.809	ug/L	95
74) Ethylbenzene	9.976	91	285693	20.390	ug/L	98
75) 1,1,1,2-Tetrachloroethane	10.018	131	58157	19.784	ug/L	100
76) p/m Xylene	10.159	106	217918	40.455	ug/L	98
77) o Xylene	10.678	106	223462	43.735	ug/L	96
78) Styrene	10.741	104	366238	43.689	ug/L	97

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA117\2017\170525ICAL\
 Data File : V17170525I15.D
 Acq On : 25 May 2017 12:42 pm
 Operator : VOA117:CBN
 Sample : C8260STDL3
 Misc : WG1006995,ICAL
 ALS Vial : 15 Sample Multiplier: 1

Quant Time: May 25 13:05:56 2017
 Quant Method : I:\VOLATILES\VOA117\2017\170525ICAL\V117_170525_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 25 12:01:44 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA117\2017\170525ICAL\V17170525I07.D
 Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) Bromoform	10.762	173	35009	19.520	ug/L	99
82) Isopropylbenzene	11.045	105	285848	20.869	ug/L	98
84) Bromobenzene	11.470	156	68776	19.919	ug/L	100
85) n-Propylbenzene	11.507	91	347646	20.384	ug/L	97
86) 1,4-Dichlorobutane	11.528	55	105218	24.942	ug/L	98
87) 1,1,2,2-Tetrachloroethane	11.580	83	49945	20.026	ug/L	99
88) 4-Ethyltoluene	11.627	105	347641	25.400	ug/L	99
89) 2-Chlorotoluene	11.674	91	203961	20.298	ug/L	96
90) 1,3,5-Trimethylbenzene	11.722	105	253790	20.686	ug/L	98
91) 1,2,3-Trichloropropane	11.727	75	40244	20.144	ug/L	95
92) trans-1,4-Dichloro-2-b...	11.774	53	18858	23.989	ug/L	96
93) 4-Chlorotoluene	11.853	91	206018	20.113	ug/L	96
94) tert-Butylbenzene	12.057	119	214934	21.192	ug/L	96
97) 1,2,4-Trimethylbenzene	12.131	105	253591	20.970	ug/L	99
98) sec-Butylbenzene	12.241	105	329130	21.384	ug/L	98
99) p-Isopropyltoluene	12.393	119	268376	20.633	ug/L	98
100) 1,3-Dichlorobenzene	12.461	146	138384	19.634	ug/L	99
101) 1,4-Dichlorobenzene	12.550	146	137480	19.802	ug/L	98
102) p-Diethylbenzene	12.760	119	187374	23.452	ug/L	97
103) n-Butylbenzene	12.812	91	278933	20.747	ug/L	97
104) 1,2-Dichlorobenzene	12.969	146	126213	20.093	ug/L	99
105) 1,2,4,5-Tetramethylben...	13.541	119	297347	24.668	ug/L	98
106) 1,2-Dibromo-3-chloropr...	13.735	155	7055	19.549	ug/L	98
107) 1,3,5-Trichlorobenzene	13.766	180	107856	19.565	ug/L	98
108) Hexachlorobutadiene	14.333	225	60635	20.696	ug/L	99
109) 1,2,4-Trichlorobenzene	14.359	180	93019	19.786	ug/L	99
110) Naphthalene	14.658	128	163844	19.936	ug/L	100
111) 1,2,3-Trichlorobenzene	14.820	180	83171	19.701	ug/L	99

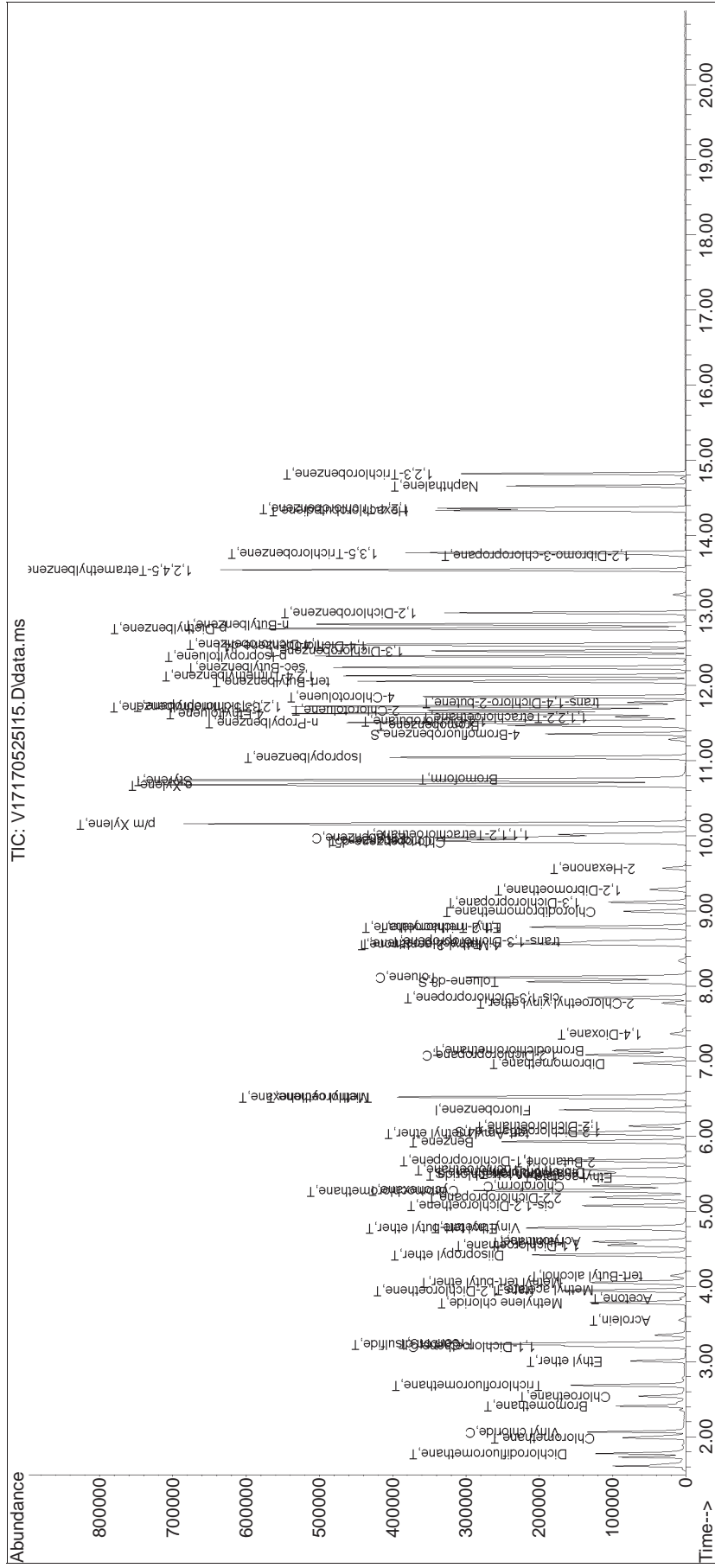
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA117\2017\170525ICAL\
 Data File : V17170525I15.D
 Acq On : 25 May 2017 12:42 pm
 Operator : VOA117:CBN
 Sample : C8260STD13
 Misc : WG1006995,ICAL
 ALS Vial : 15 Sample Multiplier: 1

Quant Time: May 25 13:05:56 2017
 Quant Method : I:\VOLATILES\VOA117\2017\170525ICAL\V117_170525_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 25 12:01:44 2017
 Response via : Initial Calibration

Sub List : 8260-CurveSoil - Megamix plus Diox5ICAL\V17170525I07.D•



Manual Integration Report

Data Path : I:\VOLATILES\VOA117\2017\1QMethod : V117_170525_8260.m
Data File : V17170525I15.D Operator : VOA117:CBN
Date Inj'd : 5/25/2017 12:42 pm Instrument : VOA 117
Sample : C8260STD3 Quant Date : 5/25/2017 1:05 pm

There are no manual integrations or false positives in this file.

Continuing Calibration

Continuing Calibration Form 7

Client : AEI Consultants
 Project Name : VAZQUEZ
 Instrument ID : VOA104
 Lab File ID : V04170714A01
 Sample No : WG1022759-2
 Channel :

Lab Number : L1723686
 Project Number : 344060
 Calibration Date : 07/14/17 07:42
 Init. Calib. Date(s) : 05/17/17 05/17/17
 Init. Calib. Times : 12:32 16:28

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	82	0
Dichlorodifluoromethane	0.277	0.299	-	-7.9	20	88	0
Chloromethane	0.444	0.487	-	-9.7	20	91	0
Vinyl chloride	0.327	0.376	-	-15	20	95	0
Bromomethane	20	20.809	-	-4	20	94	0
Chloroethane	0.184	0.189	-	-2.7	20	85	0
Trichlorofluoromethane	0.422	0.519	-	-23*	20	100	0
Ethyl ether	0.14	0.14	-	0	20	80	0
1,1-Dichloroethene	0.27	0.25	-	7.4	20	78	0
Carbon disulfide	1.177	1.174	-	0.3	20	77	0
Freon-113	0.25	0.258	-	-3.2	20	81	0
Acrolein	0.048	0.054	-	-12.5	20	90	0
Methylene chloride	0.334	0.319	-	4.5	20	80	0
Acetone	0.068	0.085	-	-25*	20	97	0
trans-1,2-Dichloroethene	0.304	0.31	-	-2	20	84	0
Methyl acetate	0.183	0.194	-	-6	20	82	0
Methyl tert-butyl ether	0.811	0.566	-	30.2*	20	56	0
tert-Butyl alcohol	0.03	0.032	-	-6.7	20	84	0
Diisopropyl ether	1.146	1.287	-	-12.3	20	90	0
1,1-Dichloroethane	0.604	0.609	-	-0.8	20	83	0
Halothane	0.232	0.236	-	-1.7	20	84	0
Acrylonitrile	0.092	0.093	-	-1.1	20	75	0
Ethyl tert-butyl ether	1.034	1.027	-	0.7	20	80	0
Vinyl acetate	0.641	0.681	-	-6.2	20	82	0
cis-1,2-Dichloroethene	0.334	0.355	-	-6.3	20	89	0
2,2-Dichloropropane	0.443	0.519	-	-17.2	20	97	0
Bromochloromethane	0.168	0.167	-	0.6	20	78	0
Cyclohexane	0.501	0.587	-	-17.2	20	93	0
Chloroform	0.548	0.61	-	-11.3	20	91	0
Ethyl acetate	0.272	0.301	-	-10.7	20	87	0
Carbon tetrachloride	0.4	0.519	-	-29.8*	20	106	0
Tetrahydrofuran	0.089	0.113	-	-27*	20	105	0
Dibromofluoromethane	0.281	0.294	-	-4.6	20	84	0
1,1,1-Trichloroethane	0.466	0.575	-	-23.4*	20	102	0
2-Butanone	0.117	0.12	-	-2.6	20	75	0
1,1-Dichloropropene	0.383	0.432	-	-12.8	20	89	0
Benzene	1.146	1.248	-	-8.9	20	92	0
tert-Amyl methyl ether	0.768	0.798	-	-3.9	20	84	0
1,2-Dichloroethane-d4	0.258	0.299	-	-15.9	20	95	0
1,2-Dichloroethane	0.416	0.5	-	-20.2*	20	97	0
Methyl cyclohexane	0.4	0.466	-	-16.5	20	96	0
Trichloroethene	0.311	0.356	-	-14.5	20	94	0
Dibromomethane	0.184	0.195	-	-6	20	85	0
1,2-Dichloropropane	0.332	0.369	-	-11.1	20	89	0
2-Chloroethyl vinyl ether	0.04529	0.00272	-	94*	20	5	.06

* Value outside of QC limits.



Continuing Calibration Form 7

Client : AEI Consultants
 Project Name : VAZQUEZ
 Instrument ID : VOA104
 Lab File ID : V04170714A01
 Sample No : WG1022759-2
 Channel :

Lab Number : L1723686
 Project Number : 344060
 Calibration Date : 07/14/17 07:42
 Init. Calib. Date(s) : 05/17/17 05/17/17
 Init. Calib. Times : 12:32 16:28

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Bromodichloromethane	0.409	0.474	-	-15.9	20	94	0
1,4-Dioxane	0.00259	0.00295	-	-13.9	20	90	0
cis-1,3-Dichloropropene	0.497	0.513	-	-3.2	20	84	0
Chlorobenzene-d5	1	1	-	0	20	87	0
Toluene-d8	1.163	1.143	-	1.7	20	84	0
Toluene	0.869	0.872	-	-0.3	20	88	0
4-Methyl-2-pentanone	0.129	0.124	-	3.9	20	83	0
Tetrachloroethene	0.425	0.44	-	-3.5	20	90	0
trans-1,3-Dichloropropene	0.5	0.495	-	1	20	85	0
Ethyl methacrylate	0.393	0.387	-	1.5	20	81	0
1,1,2-Trichloroethane	0.262	0.24	-	8.4	20	77	0
Chlorodibromomethane	0.419	0.415	-	1	20	85	0
1,3-Dichloropropane	0.506	0.484	-	4.3	20	82	0
1,2-Dibromoethane	0.337	0.319	-	5.3	20	80	0
2-Hexanone	0.211	0.212	-	-0.5	20	86	0
Chlorobenzene	1.066	1.018	-	4.5	20	84	0
Ethylbenzene	1.671	1.652	-	1.1	20	87	-.01
1,1,1,2-Tetrachloroethane	0.403	0.396	-	1.7	20	85	0
p/m Xylene	0.677	0.67	-	1	20	86	0
o Xylene	0.645	0.622	-	3.6	20	84	0
Styrene	1.077	1.031	-	4.3	20	82	0
1,4-Dichlorobenzene-d4	1	1	-	0	20	88	0
Bromoform	0.51	0.449	-	12	20	79	0
Isopropylbenzene	3.302	3.249	-	1.6	20	90	0
4-Bromofluorobenzene	0.879	0.906	-	-3.1	20	93	0
Bromobenzene	0.91	0.834	-	8.4	20	83	0
n-Propylbenzene	3.664	3.541	-	3.4	20	87	0
1,4-Dichlorobutane	1.127	1.121	-	0.5	20	89	0
1,1,1,2,2-Tetrachloroethane	0.738	0.614	-	16.8	20	74	0
4-Ethyltoluene	3.182	3.234	-	-1.6	20	92	0
2-Chlorotoluene	2.226	2.103	-	5.5	20	87	0
1,3,5-Trimethylbenzene	2.765	2.732	-	1.2	20	90	0
1,2,3-Trichloropropane	0.543	0.486	-	10.5	20	79	0
trans-1,4-Dichloro-2-buten	0.203	0.188	-	7.4	20	81	0
4-Chlorotoluene	2.242	2.162	-	3.6	20	88	0
tert-Butylbenzene	2.324	2.317	-	0.3	20	91	0
1,2,4-Trimethylbenzene	2.763	2.735	-	1	20	88	0
sec-Butylbenzene	3.453	3.445	-	0.2	20	89	0
p-Isopropyltoluene	2.971	2.939	-	1.1	20	90	0
1,3-Dichlorobenzene	1.665	1.545	-	7.2	20	84	0
1,4-Dichlorobenzene	1.696	1.55	-	8.6	20	84	0
p-Diethylbenzene	1.741	1.779	-	-2.2	20	94	0
n-Butylbenzene	2.591	2.623	-	-1.2	20	92	0
1,2-Dichlorobenzene	1.549	1.444	-	6.8	20	83	0
1,2,4,5-Tetramethylbenzene	2.85	2.861	-	-0.4	20	92	0

* Value outside of QC limits.



Continuing Calibration Form 7

Client : AEI Consultants
 Project Name : VAZQUEZ
 Instrument ID : VOA104
 Lab File ID : V04170714A01
 Sample No : WG1022759-2
 Channel :

Lab Number : L1723686
 Project Number : 344060
 Calibration Date : 07/14/17 07:42
 Init. Calib. Date(s) : 05/17/17 05/17/17
 Init. Calib. Times : 12:32 16:28

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,2-Dibromo-3-chloropropan	0.127	0.106	-	16.5	20	79	0
1,3,5-Trichlorobenzene	1.234	1.18	-	4.4	20	86	0
Hexachlorobutadiene	0.579	0.577	-	0.3	20	92	0
1,2,4-Trichlorobenzene	1.144	1.048	-	8.4	20	83	0
Naphthalene	2.459	2.084	-	15.3	20	76	0
1,2,3-Trichlorobenzene	1.06	0.943	-	11	20	80	0

* Value outside of QC limits.



Continuing Calibration Form 7

Client : AEI Consultants
 Project Name : VAZQUEZ
 Instrument ID : VOA104
 Lab File ID : V04170716A01
 Sample No : WG1023153-2
 Channel :

Lab Number : L1723686
 Project Number : 344060
 Calibration Date : 07/16/17 07:59
 Init. Calib. Date(s) : 05/17/17 05/17/17
 Init. Calib. Times : 12:32 16:28

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	117	0
Dichlorodifluoromethane	0.277	0.231	-	16.6	20	97	0
Chloromethane	0.444	0.358	-	19.4	20	95	0
Vinyl chloride	0.327	0.288	-	11.9	20	104	0
Bromomethane	20	17.338	-	13.3	20	113	0
Chloroethane	0.184	0.152	-	17.4	20	98	0
Trichlorofluoromethane	0.422	0.359	-	14.9	20	98	0
Ethyl ether	0.14	0.114	-	18.6	20	93	0
1,1-Dichloroethene	0.27	0.193	-	28.5*	20	86	0
Carbon disulfide	1.177	0.753	-	36*	20	70	0
Freon-113	0.25	0.214	-	14.4	20	96	0
Acrolein	0.048	0.043	-	10.4	20	102	0
Methylene chloride	0.334	0.27	-	19.2	20	97	0
Acetone	0.068	0.064	-	5.9	20	105	0
trans-1,2-Dichloroethene	0.304	0.243	-	20.1*	20	94	0
Methyl acetate	0.183	0.158	-	13.7	20	96	0
Methyl tert-butyl ether	0.811	0.558	-	31.2*	20	79	0
tert-Butyl alcohol	0.03	0.026	-	13.3	20	98	0
Diisopropyl ether	1.146	1.004	-	12.4	20	100	0
1,1-Dichloroethane	0.604	0.5	-	17.2	20	97	0
Halothane	0.232	0.19	-	18.1	20	96	0
Acrylonitrile	0.092	0.081	-	12	20	94	0
Ethyl tert-butyl ether	1.034	0.915	-	11.5	20	102	0
Vinyl acetate	0.641	0.567	-	11.5	20	97	0
cis-1,2-Dichloroethene	0.334	0.283	-	15.3	20	101	0
2,2-Dichloropropane	0.443	0.38	-	14.2	20	101	0
Bromochloromethane	0.168	0.144	-	14.3	20	96	0
Cyclohexane	0.501	0.456	-	9	20	103	0
Chloroform	0.548	0.466	-	15	20	100	0
Ethyl acetate	0.272	0.244	-	10.3	20	101	0
Carbon tetrachloride	0.4	0.372	-	7	20	108	0
Tetrahydrofuran	0.089	0.093	-	-4.5	20	124	0
Dibromofluoromethane	0.281	0.275	-	2.1	20	113	0
1,1,1-Trichloroethane	0.466	0.418	-	10.3	20	106	0
2-Butanone	0.117	0.098	-	16.2	20	87	0
1,1-Dichloropropene	0.383	0.334	-	12.8	20	98	0
Benzene	1.146	0.959	-	16.3	20	101	0
tert-Amyl methyl ether	0.768	0.699	-	9	20	106	0
1,2-Dichloroethane-d4	0.258	0.269	-	-4.3	20	122	0
1,2-Dichloroethane	0.416	0.375	-	9.9	20	104	0
Methyl cyclohexane	0.4	0.364	-	9	20	108	0
Trichloroethene	0.311	0.279	-	10.3	20	105	0
Dibromomethane	0.184	0.162	-	12	20	101	0
1,2-Dichloropropane	0.332	0.302	-	9	20	104	0
2-Chloroethyl vinyl ether	0.04529	0.00277	-	93.9*	20	7	-.01

* Value outside of QC limits.



Continuing Calibration Form 7

Client : AEI Consultants
 Project Name : VAZQUEZ
 Instrument ID : VOA104
 Lab File ID : V04170716A01
 Sample No : WG1023153-2
 Channel :

Lab Number : L1723686
 Project Number : 344060
 Calibration Date : 07/16/17 07:59
 Init. Calib. Date(s) : 05/17/17 05/17/17
 Init. Calib. Times : 12:32 16:28

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Bromodichloromethane	0.409	0.376	-	8.1	20	106	0
1,4-Dioxane	0.00259	0.00269	-	-3.9	20	116	0
cis-1,3-Dichloropropene	0.497	0.428	-	13.9	20	100	0
Chlorobenzene-d5	1	1	-	0	20	106	0
Toluene-d8	1.163	1.256	-	-8	20	112	0
Toluene	0.869	0.811	-	6.7	20	99	0
4-Methyl-2-pentanone	0.129	0.127	-	1.6	20	102	0
Tetrachloroethene	0.425	0.394	-	7.3	20	98	0
trans-1,3-Dichloropropene	0.5	0.482	-	3.6	20	100	0
Ethyl methacrylate	0.393	0.396	-	-0.8	20	100	0
1,1,2-Trichloroethane	0.262	0.241	-	8	20	93	0
Chlorodibromomethane	0.419	0.381	-	9.1	20	95	0
1,3-Dichloropropane	0.506	0.473	-	6.5	20	97	0
1,2-Dibromoethane	0.337	0.313	-	7.1	20	95	0
2-Hexanone	0.211	0.205	-	2.8	20	100	0
Chlorobenzene	1.066	0.964	-	9.6	20	96	0
Ethylbenzene	1.671	1.541	-	7.8	20	98	0
1,1,1,2-Tetrachloroethane	0.403	0.365	-	9.4	20	95	0
p/m Xylene	0.677	0.616	-	9	20	95	0
o Xylene	0.645	0.581	-	9.9	20	94	0
Styrene	1.077	0.97	-	9.9	20	93	0
1,4-Dichlorobenzene-d4	1	1	-	0	20	99	0
Bromoform	0.51	0.474	-	7.1	20	94	0
Isopropylbenzene	3.302	3.166	-	4.1	20	99	0
4-Bromofluorobenzene	0.879	0.937	-	-6.6	20	107	0
Bromobenzene	0.91	0.849	-	6.7	20	94	0
n-Propylbenzene	3.664	3.5	-	4.5	20	97	0
1,4-Dichlorobutane	1.127	1.189	-	-5.5	20	106	0
1,1,2,2-Tetrachloroethane	0.738	0.688	-	6.8	20	93	0
4-Ethyltoluene	3.182	3.131	-	1.6	20	100	0
2-Chlorotoluene	2.226	2.101	-	5.6	20	97	0
1,3,5-Trimethylbenzene	2.765	2.624	-	5.1	20	97	0
1,2,3-Trichloropropane	0.543	0.532	-	2	20	97	0
trans-1,4-Dichloro-2-buten	0.203	0.201	-	1	20	98	0
4-Chlorotoluene	2.242	2.172	-	3.1	20	99	0
tert-Butylbenzene	2.324	2.194	-	5.6	20	96	0
1,2,4-Trimethylbenzene	2.763	2.656	-	3.9	20	96	0
sec-Butylbenzene	3.453	3.282	-	5	20	96	0
p-Isopropyltoluene	2.971	2.861	-	3.7	20	99	0
1,3-Dichlorobenzene	1.665	1.56	-	6.3	20	95	0
1,4-Dichlorobenzene	1.696	1.521	-	10.3	20	93	0
p-Diethylbenzene	1.741	1.736	-	0.3	20	102	0
n-Butylbenzene	2.591	2.517	-	2.9	20	99	0
1,2-Dichlorobenzene	1.549	1.442	-	6.9	20	93	0
1,2,4,5-Tetramethylbenzene	2.85	2.804	-	1.6	20	101	0

* Value outside of QC limits.



Continuing Calibration Form 7

Client : AEI Consultants
 Project Name : VAZQUEZ
 Instrument ID : VOA104
 Lab File ID : V04170716A01
 Sample No : WG1023153-2
 Channel :

Lab Number : L1723686
 Project Number : 344060
 Calibration Date : 07/16/17 07:59
 Init. Calib. Date(s) : 05/17/17 05/17/17
 Init. Calib. Times : 12:32 16:28

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,2-Dibromo-3-chloropropan	0.127	0.114	-	10.2	20	95	0
1,3,5-Trichlorobenzene	1.234	1.169	-	5.3	20	96	0
Hexachlorobutadiene	0.579	0.535	-	7.6	20	95	0
1,2,4-Trichlorobenzene	1.144	1.039	-	9.2	20	92	0
Naphthalene	2.459	2.243	-	8.8	20	92	0
1,2,3-Trichlorobenzene	1.06	0.988	-	6.8	20	94	0

* Value outside of QC limits.



Continuing Calibration Form 7

Client : AEI Consultants
 Project Name : VAZQUEZ
 Instrument ID : VOA104
 Lab File ID : V04170716A01
 Sample No : WG1023156-2
 Channel :

Lab Number : L1723686
 Project Number : 344060
 Calibration Date : 07/16/17 07:59
 Init. Calib. Date(s) : 05/17/17 05/17/17
 Init. Calib. Times : 12:32 16:28

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	117	0
Dichlorodifluoromethane	0.277	0.231	-	16.6	20	97	0
Chloromethane	0.444	0.358	-	19.4	20	95	0
Vinyl chloride	0.327	0.288	-	11.9	20	104	0
Bromomethane	20	17.338	-	13.3	20	113	0
Chloroethane	0.184	0.152	-	17.4	20	98	0
Trichlorofluoromethane	0.422	0.359	-	14.9	20	98	0
Ethyl ether	0.14	0.114	-	18.6	20	93	0
1,1-Dichloroethene	0.27	0.193	-	28.5*	20	86	0
Carbon disulfide	1.177	0.753	-	36*	20	70	0
Freon-113	0.25	0.214	-	14.4	20	96	0
Acrolein	0.048	0.043	-	10.4	20	102	0
Methylene chloride	0.334	0.27	-	19.2	20	97	0
Acetone	0.068	0.064	-	5.9	20	105	0
trans-1,2-Dichloroethene	0.304	0.243	-	20.1*	20	94	0
Methyl acetate	0.183	0.158	-	13.7	20	96	0
Methyl tert-butyl ether	0.811	0.558	-	31.2*	20	79	0
tert-Butyl alcohol	0.03	0.026	-	13.3	20	98	0
Diisopropyl ether	1.146	1.004	-	12.4	20	100	0
1,1-Dichloroethane	0.604	0.5	-	17.2	20	97	0
Halothane	0.232	0.19	-	18.1	20	96	0
Acrylonitrile	0.092	0.081	-	12	20	94	0
Ethyl tert-butyl ether	1.034	0.915	-	11.5	20	102	0
Vinyl acetate	0.641	0.567	-	11.5	20	97	0
cis-1,2-Dichloroethene	0.334	0.283	-	15.3	20	101	0
2,2-Dichloropropane	0.443	0.38	-	14.2	20	101	0
Bromochloromethane	0.168	0.144	-	14.3	20	96	0
Cyclohexane	0.501	0.456	-	9	20	103	0
Chloroform	0.548	0.466	-	15	20	100	0
Ethyl acetate	0.272	0.244	-	10.3	20	101	0
Carbon tetrachloride	0.4	0.372	-	7	20	108	0
Tetrahydrofuran	0.089	0.093	-	-4.5	20	124	0
Dibromofluoromethane	0.281	0.275	-	2.1	20	113	0
1,1,1-Trichloroethane	0.466	0.418	-	10.3	20	106	0
2-Butanone	0.117	0.098	-	16.2	20	87	0
1,1-Dichloropropene	0.383	0.334	-	12.8	20	98	0
Benzene	1.146	0.959	-	16.3	20	101	0
tert-Amyl methyl ether	0.768	0.699	-	9	20	106	0
1,2-Dichloroethane-d4	0.258	0.269	-	-4.3	20	122	0
1,2-Dichloroethane	0.416	0.375	-	9.9	20	104	0
Methyl cyclohexane	0.4	0.364	-	9	20	108	0
Trichloroethene	0.311	0.279	-	10.3	20	105	0
Dibromomethane	0.184	0.162	-	12	20	101	0
1,2-Dichloropropane	0.332	0.302	-	9	20	104	0
2-Chloroethyl vinyl ether	0.04529	0.00277	-	93.9*	20	7	-.01

* Value outside of QC limits.



Continuing Calibration Form 7

Client : AEI Consultants
 Project Name : VAZQUEZ
 Instrument ID : VOA104
 Lab File ID : V04170716A01
 Sample No : WG1023156-2
 Channel :

Lab Number : L1723686
 Project Number : 344060
 Calibration Date : 07/16/17 07:59
 Init. Calib. Date(s) : 05/17/17 05/17/17
 Init. Calib. Times : 12:32 16:28

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Bromodichloromethane	0.409	0.376	-	8.1	20	106	0
1,4-Dioxane	0.00259	0.00269	-	-3.9	20	116	0
cis-1,3-Dichloropropene	0.497	0.428	-	13.9	20	100	0
Chlorobenzene-d5	1	1	-	0	20	106	0
Toluene-d8	1.163	1.256	-	-8	20	112	0
Toluene	0.869	0.811	-	6.7	20	99	0
4-Methyl-2-pentanone	0.129	0.127	-	1.6	20	102	0
Tetrachloroethene	0.425	0.394	-	7.3	20	98	0
trans-1,3-Dichloropropene	0.5	0.482	-	3.6	20	100	0
Ethyl methacrylate	0.393	0.396	-	-0.8	20	100	0
1,1,2-Trichloroethane	0.262	0.241	-	8	20	93	0
Chlorodibromomethane	0.419	0.381	-	9.1	20	95	0
1,3-Dichloropropane	0.506	0.473	-	6.5	20	97	0
1,2-Dibromoethane	0.337	0.313	-	7.1	20	95	0
2-Hexanone	0.211	0.205	-	2.8	20	100	0
Chlorobenzene	1.066	0.964	-	9.6	20	96	0
Ethylbenzene	1.671	1.541	-	7.8	20	98	0
1,1,1,2-Tetrachloroethane	0.403	0.365	-	9.4	20	95	0
p/m Xylene	0.677	0.616	-	9	20	95	0
o Xylene	0.645	0.581	-	9.9	20	94	0
Styrene	1.077	0.97	-	9.9	20	93	0
1,4-Dichlorobenzene-d4	1	1	-	0	20	99	0
Bromoform	0.51	0.474	-	7.1	20	94	0
Isopropylbenzene	3.302	3.166	-	4.1	20	99	0
4-Bromofluorobenzene	0.879	0.937	-	-6.6	20	107	0
Bromobenzene	0.91	0.849	-	6.7	20	94	0
n-Propylbenzene	3.664	3.5	-	4.5	20	97	0
1,4-Dichlorobutane	1.127	1.189	-	-5.5	20	106	0
1,1,2,2-Tetrachloroethane	0.738	0.688	-	6.8	20	93	0
4-Ethyltoluene	3.182	3.131	-	1.6	20	100	0
2-Chlorotoluene	2.226	2.101	-	5.6	20	97	0
1,3,5-Trimethylbenzene	2.765	2.624	-	5.1	20	97	0
1,2,3-Trichloropropane	0.543	0.532	-	2	20	97	0
trans-1,4-Dichloro-2-buten	0.203	0.201	-	1	20	98	0
4-Chlorotoluene	2.242	2.172	-	3.1	20	99	0
tert-Butylbenzene	2.324	2.194	-	5.6	20	96	0
1,2,4-Trimethylbenzene	2.763	2.656	-	3.9	20	96	0
sec-Butylbenzene	3.453	3.282	-	5	20	96	0
p-Isopropyltoluene	2.971	2.861	-	3.7	20	99	0
1,3-Dichlorobenzene	1.665	1.56	-	6.3	20	95	0
1,4-Dichlorobenzene	1.696	1.521	-	10.3	20	93	0
p-Diethylbenzene	1.741	1.736	-	0.3	20	102	0
n-Butylbenzene	2.591	2.517	-	2.9	20	99	0
1,2-Dichlorobenzene	1.549	1.442	-	6.9	20	93	0
1,2,4,5-Tetramethylbenzene	2.85	2.804	-	1.6	20	101	0

* Value outside of QC limits.



Continuing Calibration Form 7

Client : AEI Consultants
 Project Name : VAZQUEZ
 Instrument ID : VOA104
 Lab File ID : V04170716A01
 Sample No : WG1023156-2
 Channel :

Lab Number : L1723686
 Project Number : 344060
 Calibration Date : 07/16/17 07:59
 Init. Calib. Date(s) : 05/17/17 05/17/17
 Init. Calib. Times : 12:32 16:28

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,2-Dibromo-3-chloropropan	0.127	0.114	-	10.2	20	95	0
1,3,5-Trichlorobenzene	1.234	1.169	-	5.3	20	96	0
Hexachlorobutadiene	0.579	0.535	-	7.6	20	95	0
1,2,4-Trichlorobenzene	1.144	1.039	-	9.2	20	92	0
Naphthalene	2.459	2.243	-	8.8	20	92	0
1,2,3-Trichlorobenzene	1.06	0.988	-	6.8	20	94	0

* Value outside of QC limits.



Continuing Calibration Form 7

Client : AEI Consultants
 Project Name : VAZQUEZ
 Instrument ID : VOA117
 Lab File ID : V17170716A01
 Sample No : WG1023115-2
 Channel :

Lab Number : L1723686
 Project Number : 344060
 Calibration Date : 07/16/17 07:59
 Init. Calib. Date(s) : 05/25/17 05/25/17
 Init. Calib. Times : 07:30 11:24

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	93	0
Dichlorodifluoromethane	0.438	0.474	-	-8.2	20	102	0
Chloromethane	0.533	0.569	-	-6.8	20	101	0
Vinyl chloride	0.519	0.462	-	11	20	83	0
Bromomethane	0.334	0.236	-	29.3*	20	69	0
Chloroethane	0.277	0.217	-	21.7*	20	71	0
Trichlorofluoromethane	0.666	0.583	-	12.5	20	82	0
Ethyl ether	0.143	0.15	-	-4.9	20	103	0
1,1-Dichloroethene	0.314	0.349	-	-11.1	20	109	0
Carbon disulfide	1.183	1.159	-	2	20	90	0
Freon-113	0.287	0.33	-	-15	20	109	0
Acrolein	20	34.346	-	-71.7*	20	178	0
Methylene chloride	0.349	0.368	-	-5.4	20	106	0
Acetone	20	19.325	-	3.4	20	91	-.01
trans-1,2-Dichloroethene	0.344	0.373	-	-8.4	20	105	0
Methyl acetate	0.151	0.147	-	2.6	20	96	-.01
Methyl tert-butyl ether	0.777	0.72	-	7.3	20	92	0
tert-Butyl alcohol	0.024	0.021	-	12.5	20	86	0
Diisopropyl ether	1.137	1.129	-	0.7	20	98	0
1,1-Dichloroethane	0.716	0.759	-	-6	20	103	0
Halothane	0.294	0.324	-	-10.2	20	108	0
Acrylonitrile	0.08	0.081	-	-1.3	20	97	-.01
Ethyl tert-butyl ether	1.067	1.059	-	0.7	20	98	0
Vinyl acetate	0.662	0.621	-	6.2	20	92	0
cis-1,2-Dichloroethene	0.368	0.384	-	-4.3	20	101	0
2,2-Dichloropropane	0.539	0.567	-	-5.2	20	102	0
Bromochloromethane	0.162	0.169	-	-4.3	20	100	0
Cyclohexane	0.636	0.715	-	-12.4	20	107	0
Chloroform	0.646	0.661	-	-2.3	20	99	0
Ethyl acetate	0.231	0.212	-	8.2	20	89	-.01
Carbon tetrachloride	0.518	0.562	-	-8.5	20	103	0
Tetrahydrofuran	0.066	0.058	-	12.1	20	84	-.01
Dibromofluoromethane	0.267	0.264	-	1.1	20	93	0
1,1,1-Trichloroethane	0.594	0.629	-	-5.9	20	103	0
2-Butanone	0.092	0.085	-	7.6	20	88	-.02
1,1-Dichloropropene	0.471	0.487	-	-3.4	20	100	0
Benzene	1.414	1.471	-	-4	20	102	-.01
tert-Amyl methyl ether	0.747	0.714	-	4.4	20	95	0
1,2-Dichloroethane-d4	0.273	0.245	-	10.3	20	85	0
1,2-Dichloroethane	0.475	0.42	-	11.6	20	86	-.01
Methyl cyclohexane	0.53	0.554	-	-4.5	20	100	0
Trichloroethene	0.41	0.432	-	-5.4	20	103	0
Dibromomethane	0.191	0.184	-	3.7	20	93	0
1,2-Dichloropropane	0.413	0.426	-	-3.1	20	101	0
2-Chloroethyl vinyl ether	0.103	0.084	-	18.4	20	77	-.01

* Value outside of QC limits.



Continuing Calibration Form 7

Client : AEI Consultants
 Project Name : VAZQUEZ
 Instrument ID : VOA117
 Lab File ID : V17170716A01
 Sample No : WG1023115-2
 Channel :

Lab Number : L1723686
 Project Number : 344060
 Calibration Date : 07/16/17 07:59
 Init. Calib. Date(s) : 05/25/17 05/25/17
 Init. Calib. Times : 07:30 11:24

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Bromodichloromethane	0.471	0.453	-	3.8	20	94	-.01
1,4-Dioxane	0.00217	0.00181	-	16.6	20	78	0
cis-1,3-Dichloropropene	0.532	0.511	-	3.9	20	95	0
Chlorobenzene-d5	1	1	-	0	20	88	0
Toluene-d8	1.295	1.336	-	-3.2	20	89	0
Toluene	1.072	1.179	-	-10	20	100	0
4-Methyl-2-pentanone	0.107	0.1	-	6.5	20	91	0
Tetrachloroethene	0.5	0.576	-	-15.2	20	103	0
trans-1,3-Dichloropropene	0.553	0.562	-	-1.6	20	94	0
Ethyl methacrylate	20	17.659	-	11.7	20	90	-.01
1,1,2-Trichloroethane	0.285	0.294	-	-3.2	20	93	-.01
Chlorodibromomethane	0.421	0.443	-	-5.2	20	97	0
1,3-Dichloropropane	0.498	0.5	-	-0.4	20	91	0
1,2-Dibromoethane	0.308	0.306	-	0.6	20	91	0
2-Hexanone	0.192	0.163	-	15.1	20	81	-.01
Chlorobenzene	1.223	1.316	-	-7.6	20	98	0
Ethylbenzene	2.129	2.261	-	-6.2	20	96	0
1,1,1,2-Tetrachloroethane	0.447	0.488	-	-9.2	20	99	0
p/m Xylene	0.819	0.89	-	-8.7	20	98	0
o Xylene	0.776	0.788	-	-1.5	20	92	0
Styrene	1.274	1.325	-	-4	20	96	0
1,4-Dichlorobenzene-d4	1	1	-	0	20	87	0
Bromoform	0.493	0.516	-	-4.7	20	98	0
Isopropylbenzene	3.762	4.037	-	-7.3	20	95	0
4-Bromofluorobenzene	0.873	0.902	-	-3.3	20	88	0
Bromobenzene	0.948	1.022	-	-7.8	20	98	0
n-Propylbenzene	4.684	5.104	-	-9	20	96	0
1,4-Dichlorobutane	1.159	1.194	-	-3	20	92	0
1,1,2,2-Tetrachloroethane	0.685	0.671	-	2	20	89	-.01
4-Ethyltoluene	3.759	4.129	-	-9.8	20	96	0
2-Chlorotoluene	2.76	3.027	-	-9.7	20	98	0
1,3,5-Trimethylbenzene	3.37	3.793	-	-12.6	20	99	0
1,2,3-Trichloropropane	0.549	0.535	-	2.6	20	89	0
trans-1,4-Dichloro-2-buten	0.216	0.201	-	6.9	20	83	0
4-Chlorotoluene	2.813	3.054	-	-8.6	20	97	0
tert-Butylbenzene	2.786	3.055	-	-9.7	20	97	0
1,2,4-Trimethylbenzene	3.321	3.696	-	-11.3	20	97	0
sec-Butylbenzene	4.227	4.659	-	-10.2	20	96	0
p-Isopropyltoluene	3.573	3.958	-	-10.8	20	98	0
1,3-Dichlorobenzene	1.936	2.115	-	-9.2	20	97	0
1,4-Dichlorobenzene	1.907	2.055	-	-7.8	20	97	0
p-Diethylbenzene	2.194	2.363	-	-7.7	20	95	0
n-Butylbenzene	3.693	4.071	-	-10.2	20	96	0
1,2-Dichlorobenzene	1.725	1.843	-	-6.8	20	97	-.01
1,2,4,5-Tetramethylbenzene	3.311	3.509	-	-6	20	96	0

* Value outside of QC limits.



Continuing Calibration Form 7

Client : AEI Consultants
 Project Name : VAZQUEZ
 Instrument ID : VOA117
 Lab File ID : V17170716A01
 Sample No : WG1023115-2
 Channel :

Lab Number : L1723686
 Project Number : 344060
 Calibration Date : 07/16/17 07:59
 Init. Calib. Date(s) : 05/25/17 05/25/17
 Init. Calib. Times : 07:30 11:24

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,2-Dibromo-3-chloropropan	0.099	0.1	-	-1	20	96	0
1,3,5-Trichlorobenzene	1.514	1.698	-	-12.2	20	100	0
Hexachlorobutadiene	0.805	0.962	-	-19.5	20	107	0
1,2,4-Trichlorobenzene	1.291	1.414	-	-9.5	20	97	0
Naphthalene	2.257	2.18	-	3.4	20	88	0
1,2,3-Trichlorobenzene	1.159	1.268	-	-9.4	20	99	0

* Value outside of QC limits.



Continuing Calibration Form 7

Client : AEI Consultants
 Project Name : VAZQUEZ
 Instrument ID : VOA101
 Lab File ID : V01170717A02
 Sample No : WG1023276-2
 Channel :

Lab Number : L1723686
 Project Number : 344060
 Calibration Date : 07/17/17 10:08
 Init. Calib. Date(s) : 06/29/17 06/29/17
 Init. Calib. Times : 18:30 22:46

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	75	0
Dichlorodifluoromethane	0.169	0.179	-	-5.9	20	79	0
Chloromethane	0.268	0.232	-	13.4	20	66	0
Vinyl chloride	0.246	0.223	-	9.3	20	68	0
Bromomethane	10	9.127	-	8.7	20	82	0
Chloroethane	0.139	0.128	-	7.9	20	66	0
Trichlorofluoromethane	0.291	0.334	-	-14.8	20	84	0
Ethyl ether	0.079	0.078	-	1.3	20	71	0
1,1-Dichloroethene	0.164	0.16	-	2.4	20	72	0
Carbon disulfide	0.493	0.449	-	8.9	20	68	0
Freon-113	0.153	0.159	-	-3.9	20	76	0
Iodomethane	10	6.388	-	36.1*	20	67	0
Acrolein	0.023	0.02	-	13	20	67	0
Methylene chloride	0.19	0.182	-	4.2	20	72	0
Acetone	0.029	0.03	-	-3.4	20	76	0
trans-1,2-Dichloroethene	0.195	0.193	-	1	20	74	0
Methyl acetate	0.074	0.066	-	10.8	20	69	0
Methyl tert-butyl ether	0.391	0.414	-	-5.9	20	78	0
tert-Butyl alcohol	0.00854	0.00876	-	-2.6	20	76	0
Diisopropyl ether	0.829	0.728	-	12.2	20	64	0
1,1-Dichloroethane	0.462	0.436	-	5.6	20	70	0
Halothane	0.137	0.138	-	-0.7	20	74	0
Acrylonitrile	0.048	0.043	-	10.4	20	68	0
Ethyl tert-butyl ether	0.624	0.615	-	1.4	20	72	0
Vinyl acetate	10	9.348	-	6.5	20	70	0
cis-1,2-Dichloroethene	0.214	0.21	-	1.9	20	73	0
2,2-Dichloropropane	0.303	0.322	-	-6.3	20	79	0
Bromochloromethane	0.079	0.085	-	-7.6	20	76	0
Cyclohexane	0.488	0.436	-	10.7	20	64	0
Chloroform	0.357	0.367	-	-2.8	20	76	0
Ethyl acetate	0.116	0.104	-	10.3	20	63	0
Carbon tetrachloride	0.274	0.31	-	-13.1	20	84	0
Tetrahydrofuran	0.044	0.04	-	9.1	20	63	0
Dibromofluoromethane	0.232	0.259	-	-11.6	20	84	0
1,1,1-Trichloroethane	0.324	0.356	-	-9.9	20	80	0
2-Butanone	0.053	0.052	-	1.9	20	67	0
1,1-Dichloropropene	0.307	0.301	-	2	20	71	0
Benzene	0.87	0.8	-	8	20	68	0
tert-Amyl methyl ether	0.416	0.412	-	1	20	72	0
1,2-Dichloroethane-d4	0.268	0.324	-	-20.9*	20	92	0
1,2-Dichloroethane	0.252	0.284	-	-12.7	20	82	0
Methyl cyclohexane	0.338	0.318	-	5.9	20	67	0
Trichloroethene	0.219	0.216	-	1.4	20	72	0
Dibromomethane	0.087	0.092	-	-5.7	20	74	0
1,2-Dichloropropane	0.261	0.239	-	8.4	20	65	0

* Value outside of QC limits.



Continuing Calibration Form 7

Client : AEI Consultants
 Project Name : VAZQUEZ
 Instrument ID : VOA101
 Lab File ID : V01170717A02
 Sample No : WG1023276-2
 Channel :

Lab Number : L1723686
 Project Number : 344060
 Calibration Date : 07/17/17 10:08
 Init. Calib. Date(s) : 06/29/17 06/29/17
 Init. Calib. Times : 18:30 22:46

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
2-Chloroethyl vinyl ether	10	11.81	-	-18.1	20	94	0
Bromodichloromethane	0.254	0.269	-	-5.9	20	76	0
1,4-Dioxane	0.00084	0.001	-	-19	20	83	0
cis-1,3-Dichloropropene	0.3	0.302	-	-0.7	20	72	0
Chlorobenzene-d5	1	1	-	0	20	79	0
Toluene-d8	1.338	1.306	-	2.4	20	78	0
Toluene	0.742	0.671	-	9.6	20	70	0
4-Methyl-2-pentanone	0.065	0.054	-	16.9	20	65	0
Tetrachloroethene	0.286	0.29	-	-1.4	20	77	0
trans-1,3-Dichloropropene	10	8.921	-	10.8	20	75	0
Ethyl methacrylate	10	8.015	-	19.8	20	69	0
1,1,2-Trichloroethane	0.15	0.136	-	9.3	20	68	0
Chlorodibromomethane	0.197	0.203	-	-3	20	79	0
1,3-Dichloropropane	0.33	0.304	-	7.9	20	69	0
1,2-Dibromoethane	0.154	0.153	-	0.6	20	73	0
2-Hexanone	0.1	0.08	-	20	20	64	0
Chlorobenzene	0.815	0.763	-	6.4	20	73	0
Ethylbenzene	1.463	1.324	-	9.5	20	69	0
1,1,1,2-Tetrachloroethane	0.251	0.251	-	0	20	77	0
p/m Xylene	0.567	0.534	-	5.8	20	71	0
o Xylene	0.519	0.489	-	5.8	20	71	0
Styrene	0.819	0.779	-	4.9	20	70	0
1,4-Dichlorobenzene-d4	1	1	-	0	20	80	0
Bromoform	0.193	0.185	-	4.1	20	76	0
Isopropylbenzene	3.07	2.721	-	11.4	20	71	0
4-Bromofluorobenzene	1.008	0.955	-	5.3	20	78	0
Bromobenzene	0.56	0.518	-	7.5	20	74	0
n-Propylbenzene	3.621	3.085	-	14.8	20	68	0
1,4-Dichlorobutane	0.83	0.727	-	12.4	20	67	0
1,1,1,2,2-Tetrachloroethane	0.355	0.304	-	14.4	20	64	0
4-Ethyltoluene	2.859	2.521	-	11.8	20	70	0
2-Chlorotoluene	2.057	1.791	-	12.9	20	69	0
1,3,5-Trimethylbenzene	2.397	2.152	-	10.2	20	71	0
1,2,3-Trichloropropane	0.307	0.27	-	12.1	20	71	0
trans-1,4-Dichloro-2-buten	0.108	0.114	-	-5.6	20	81	0
4-Chlorotoluene	2.083	1.819	-	12.7	20	69	0
tert-Butylbenzene	2.047	1.846	-	9.8	20	71	0
1,2,4-Trimethylbenzene	2.375	2.142	-	9.8	20	71	0
sec-Butylbenzene	2.935	2.572	-	12.4	20	69	0
p-Isopropyltoluene	2.427	2.196	-	9.5	20	71	0
1,3-Dichlorobenzene	1.151	1.073	-	6.8	20	73	0
1,4-Dichlorobenzene	1.174	1.07	-	8.9	20	72	0
p-Diethylbenzene	1.339	1.198	-	10.5	20	70	0
n-Butylbenzene	2.112	1.823	-	13.7	20	68	0
1,2-Dichlorobenzene	0.955	0.882	-	7.6	20	71	0

* Value outside of QC limits.



Continuing Calibration Form 7

Client	: AEI Consultants	Lab Number	: L1723686
Project Name	: VAZQUEZ	Project Number	: 344060
Instrument ID	: VOA101	Calibration Date	: 07/17/17 10:08
Lab File ID	: V01170717A02	Init. Calib. Date(s)	: 06/29/17 06/29/17
Sample No	: WG1023276-2	Init. Calib. Times	: 18:30 22:46
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,2,4,5-Tetramethylbenzene	1.688	1.533	-	9.2	20	71	0
1,2-Dibromo-3-chloropropan	0.034	0.029	-	14.7	20	70	0
1,3,5-Trichlorobenzene	0.556	0.526	-	5.4	20	74	0
Hexachlorobutadiene	0.175	0.17	-	2.9	20	80	0
1,2,4-Trichlorobenzene	0.349	0.318	-	8.9	20	71	0
Naphthalene	0.5	0.447	-	10.6	20	70	0
1,2,3-Trichlorobenzene	0.164	0.157	-	4.3	20	75	-.01

* Value outside of QC limits.



Continuing Calibration Form 7

Client : AEI Consultants
 Project Name : VAZQUEZ
 Instrument ID : VOA101
 Lab File ID : V01170717N02
 Sample No : WG1023473-2
 Channel :

Lab Number : L1723686
 Project Number : 344060
 Calibration Date : 07/17/17 20:40
 Init. Calib. Date(s) : 06/29/17 06/29/17
 Init. Calib. Times : 18:30 22:46

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	73	0
Dichlorodifluoromethane	0.169	0.15	-	11.2	20	64	0
Chloromethane	0.268	0.229	-	14.6	20	63	0
Vinyl chloride	0.246	0.217	-	11.8	20	64	0
Bromomethane	10	9.337	-	6.6	20	81	0
Chloroethane	0.139	0.132	-	5	20	65	0
Trichlorofluoromethane	0.291	0.311	-	-6.9	20	76	0
Ethyl ether	0.079	0.078	-	1.3	20	70	0
1,1-Dichloroethene	0.164	0.162	-	1.2	20	71	0
Carbon disulfide	0.493	0.458	-	7.1	20	67	0
Freon-113	0.153	0.148	-	3.3	20	68	0
Iodomethane	10	7.567	-	24.3*	20	78	0
Acrolein	0.023	0.019	-	17.4	20	61	0
Methylene chloride	0.19	0.188	-	1.1	20	72	0
Acetone	0.029	0.032	-	-10.3	20	79	0
trans-1,2-Dichloroethene	0.195	0.195	-	0	20	72	0
Methyl acetate	0.074	0.065	-	12.2	20	67	0
Methyl tert-butyl ether	0.391	0.413	-	-5.6	20	75	0
tert-Butyl alcohol	0.00854	0.00782	-	8.4	20	66	0
Diisopropyl ether	0.829	0.74	-	10.7	20	63	0
1,1-Dichloroethane	0.462	0.453	-	1.9	20	70	0
Halothane	0.137	0.142	-	-3.6	20	74	0
Acrylonitrile	0.048	0.044	-	8.3	20	67	0
Ethyl tert-butyl ether	0.624	0.618	-	1	20	70	0
Vinyl acetate	10	9.38	-	6.2	20	68	0
cis-1,2-Dichloroethene	0.214	0.218	-	-1.9	20	73	0
2,2-Dichloropropane	0.303	0.333	-	-9.9	20	79	0
Bromochloromethane	0.079	0.089	-	-12.7	20	77	0
Cyclohexane	0.488	0.414	-	15.2	20	59	0
Chloroform	0.357	0.379	-	-6.2	20	76	0
Ethyl acetate	0.116	0.102	-	12.1	20	59	0
Carbon tetrachloride	0.274	0.305	-	-11.3	20	80	0
Tetrahydrofuran	0.044	0.039	-	11.4	20	59	0
Dibromofluoromethane	0.232	0.254	-	-9.5	20	80	0
1,1,1-Trichloroethane	0.324	0.362	-	-11.7	20	79	0
2-Butanone	0.053	0.044	-	17	20	55	0
1,1-Dichloropropene	0.307	0.306	-	0.3	20	70	0
Benzene	0.87	0.845	-	2.9	20	69	0
tert-Amyl methyl ether	0.416	0.421	-	-1.2	20	71	0
1,2-Dichloroethane-d4	0.268	0.299	-	-11.6	20	82	0
1,2-Dichloroethane	0.252	0.287	-	-13.9	20	80	0
Methyl cyclohexane	0.338	0.303	-	10.4	20	61	0
Trichloroethene	0.219	0.229	-	-4.6	20	73	0
Dibromomethane	0.087	0.096	-	-10.3	20	75	0
1,2-Dichloropropane	0.261	0.246	-	5.7	20	65	0

* Value outside of QC limits.



Continuing Calibration Form 7

Client : AEI Consultants
 Project Name : VAZQUEZ
 Instrument ID : VOA101
 Lab File ID : V01170717N02
 Sample No : WG1023473-2
 Channel :

Lab Number : L1723686
 Project Number : 344060
 Calibration Date : 07/17/17 20:40
 Init. Calib. Date(s) : 06/29/17 06/29/17
 Init. Calib. Times : 18:30 22:46

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
2-Chloroethyl vinyl ether	10	12.051	-	-20.5*	20	93	0
Bromodichloromethane	0.254	0.276	-	-8.7	20	75	0
1,4-Dioxane	0.00084	0.00089	-	-6	20	72	0
cis-1,3-Dichloropropene	0.3	0.314	-	-4.7	20	72	0
Chlorobenzene-d5	1	1	-	0	20	77	0
Toluene-d8	1.338	1.296	-	3.1	20	76	0
Toluene	0.742	0.695	-	6.3	20	71	0
4-Methyl-2-pentanone	0.065	0.054	-	16.9	20	64	0
Tetrachloroethene	0.286	0.297	-	-3.8	20	77	0
trans-1,3-Dichloropropene	10	9.064	-	9.4	20	75	0
Ethyl methacrylate	10	8.259	-	17.4	20	70	0
1,1,2-Trichloroethane	0.15	0.137	-	8.7	20	67	0
Chlorodibromomethane	0.197	0.205	-	-4.1	20	78	0
1,3-Dichloropropane	0.33	0.313	-	5.2	20	70	0
1,2-Dibromoethane	0.154	0.157	-	-1.9	20	73	0
2-Hexanone	0.1	0.076	-	24*	20	59	0
Chlorobenzene	0.815	0.791	-	2.9	20	74	0
Ethylbenzene	1.463	1.38	-	5.7	20	71	0
1,1,1,2-Tetrachloroethane	0.251	0.26	-	-3.6	20	78	0
p/m Xylene	0.567	0.561	-	1.1	20	73	0
o Xylene	0.519	0.515	-	0.8	20	73	0
Styrene	0.819	0.812	-	0.9	20	71	0
1,4-Dichlorobenzene-d4	1	1	-	0	20	77	0
Bromoform	0.193	0.185	-	4.1	20	74	0
Isopropylbenzene	3.07	2.823	-	8	20	71	0
4-Bromofluorobenzene	1.008	0.956	-	5.2	20	76	0
Bromobenzene	0.56	0.534	-	4.6	20	74	0
n-Propylbenzene	3.621	3.187	-	12	20	68	0
1,4-Dichlorobutane	0.83	0.728	-	12.3	20	65	0
1,1,1,2,2-Tetrachloroethane	0.355	0.302	-	14.9	20	62	0
4-Ethyltoluene	2.859	2.635	-	7.8	20	71	0
2-Chlorotoluene	2.057	1.897	-	7.8	20	71	0
1,3,5-Trimethylbenzene	2.397	2.218	-	7.5	20	71	0
1,2,3-Trichloropropane	0.307	0.28	-	8.8	20	71	0
trans-1,4-Dichloro-2-buten	0.108	0.088	-	18.5	20	60	0
4-Chlorotoluene	2.083	1.891	-	9.2	20	70	0
tert-Butylbenzene	2.047	1.921	-	6.2	20	72	0
1,2,4-Trimethylbenzene	2.375	2.226	-	6.3	20	71	0
sec-Butylbenzene	2.935	2.602	-	11.3	20	68	0
p-Isopropyltoluene	2.427	2.253	-	7.2	20	71	0
1,3-Dichlorobenzene	1.151	1.107	-	3.8	20	73	0
1,4-Dichlorobenzene	1.174	1.113	-	5.2	20	73	0
p-Diethylbenzene	1.339	1.256	-	6.2	20	71	0
n-Butylbenzene	2.112	1.843	-	12.7	20	67	0
1,2-Dichlorobenzene	0.955	0.91	-	4.7	20	71	0

* Value outside of QC limits.



Continuing Calibration Form 7

Client	: AEI Consultants	Lab Number	: L1723686
Project Name	: VAZQUEZ	Project Number	: 344060
Instrument ID	: VOA101	Calibration Date	: 07/17/17 20:40
Lab File ID	: V01170717N02	Init. Calib. Date(s)	: 06/29/17 06/29/17
Sample No	: WG1023473-2	Init. Calib. Times	: 18:30 22:46
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,2,4,5-Tetramethylbenzene	1.688	1.602	-	5.1	20	72	0
1,2-Dibromo-3-chloropropan	0.034	0.029	-	14.7	20	67	0
1,3,5-Trichlorobenzene	0.556	0.524	-	5.8	20	71	0
Hexachlorobutadiene	0.175	0.169	-	3.4	20	77	0
1,2,4-Trichlorobenzene	0.349	0.313	-	10.3	20	68	0
Naphthalene	0.5	0.415	-	17	20	63	0
1,2,3-Trichlorobenzene	0.164	0.141	-	14	20	65	0

* Value outside of QC limits.



Continuing Calibration Form 7

Client : AEI Consultants
 Project Name : VAZQUEZ
 Instrument ID : VOA117
 Lab File ID : V17170718A01
 Sample No : WG1023786-2
 Channel :

Lab Number : L1723686
 Project Number : 344060
 Calibration Date : 07/18/17 07:10
 Init. Calib. Date(s) : 05/25/17 05/25/17
 Init. Calib. Times : 07:30 11:24

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	103	0
Dichlorodifluoromethane	0.438	0.415	-	5.3	20	99	0
Chloromethane	0.533	0.474	-	11.1	20	93	0
Vinyl chloride	0.519	0.395	-	23.9*	20	78	0
Bromomethane	0.334	0.216	-	35.3*	20	70	0
Chloroethane	0.277	0.19	-	31.4*	20	68	0
Trichlorofluoromethane	0.666	0.512	-	23.1*	20	80	0
Ethyl ether	0.143	0.138	-	3.5	20	105	0
1,1-Dichloroethene	0.314	0.301	-	4.1	20	103	0
Carbon disulfide	1.183	0.95	-	19.7	20	82	0
Freon-113	0.287	0.296	-	-3.1	20	107	0
Acrolein	20	29.083	-	-45.4*	20	165	0
Methylene chloride	0.349	0.323	-	7.4	20	102	0
Acetone	20	15.842	-	20.8*	20	84	0
trans-1,2-Dichloroethene	0.344	0.319	-	7.3	20	100	0
Methyl acetate	0.151	0.129	-	14.6	20	93	-.01
Methyl tert-butyl ether	0.777	0.694	-	10.7	20	98	0
tert-Butyl alcohol	0.024	0.022	-	8.3	20	97	0
Diisopropyl ether	1.137	1.004	-	11.7	20	96	0
1,1-Dichloroethane	0.716	0.64	-	10.6	20	96	0
Halothane	0.294	0.285	-	3.1	20	105	0
Acrylonitrile	0.08	0.074	-	7.5	20	98	-.02
Ethyl tert-butyl ether	1.067	0.986	-	7.6	20	101	0
Vinyl acetate	0.662	0.556	-	16	20	91	-.01
cis-1,2-Dichloroethene	0.368	0.337	-	8.4	20	98	0
2,2-Dichloropropane	0.539	0.495	-	8.2	20	98	0
Bromochloromethane	0.162	0.146	-	9.9	20	95	0
Cyclohexane	0.636	0.631	-	0.8	20	104	0
Chloroform	0.646	0.563	-	12.8	20	93	0
Ethyl acetate	0.231	0.188	-	18.6	20	87	-.01
Carbon tetrachloride	0.518	0.485	-	6.4	20	98	-.01
Tetrahydrofuran	0.066	0.055	-	16.7	20	88	-.01
Dibromofluoromethane	0.267	0.257	-	3.7	20	100	0
1,1,1-Trichloroethane	0.594	0.539	-	9.3	20	97	0
2-Butanone	0.092	0.078	-	15.2	20	90	-.02
1,1-Dichloropropene	0.471	0.428	-	9.1	20	97	0
Benzene	1.414	1.273	-	10	20	98	-.01
tert-Amyl methyl ether	0.747	0.693	-	7.2	20	102	0
1,2-Dichloroethane-d4	0.273	0.242	-	11.4	20	93	0
1,2-Dichloroethane	0.475	0.374	-	21.3*	20	85	-.01
Methyl cyclohexane	0.53	0.516	-	2.6	20	103	0
Trichloroethene	0.41	0.371	-	9.5	20	98	-.01
Dibromomethane	0.191	0.163	-	14.7	20	91	0
1,2-Dichloropropane	0.413	0.371	-	10.2	20	97	-.01
2-Chloroethyl vinyl ether	0.103	0.096	-	6.8	20	96	-.01

* Value outside of QC limits.



Continuing Calibration Form 7

Client : AEI Consultants
 Project Name : VAZQUEZ
 Instrument ID : VOA117
 Lab File ID : V17170718A01
 Sample No : WG1023786-2
 Channel :

Lab Number : L1723686
 Project Number : 344060
 Calibration Date : 07/18/17 07:10
 Init. Calib. Date(s) : 05/25/17 05/25/17
 Init. Calib. Times : 07:30 11:24

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Bromodichloromethane	0.471	0.402	-	14.6	20	92	-.01
1,4-Dioxane	0.00217	0.00224	-	-3.2	20	107	0
cis-1,3-Dichloropropene	0.532	0.475	-	10.7	20	97	0
Chlorobenzene-d5	1	1	-	0	20	98	0
Toluene-d8	1.295	1.339	-	-3.4	20	99	0
Toluene	1.072	1.022	-	4.7	20	96	0
4-Methyl-2-pentanone	0.107	0.098	-	8.4	20	99	0
Tetrachloroethene	0.5	0.492	-	1.6	20	99	0
trans-1,3-Dichloropropene	0.553	0.504	-	8.9	20	94	0
Ethyl methacrylate	20	17.213	-	13.9	20	98	-.01
1,1,2-Trichloroethane	0.285	0.267	-	6.3	20	94	-.01
Chlorodibromomethane	0.421	0.394	-	6.4	20	97	0
1,3-Dichloropropane	0.498	0.453	-	9	20	92	0
1,2-Dibromoethane	0.308	0.285	-	7.5	20	95	0
2-Hexanone	0.192	0.156	-	18.8	20	87	-.01
Chlorobenzene	1.223	1.141	-	6.7	20	95	0
Ethylbenzene	2.129	1.968	-	7.6	20	94	-.01
1,1,1,2-Tetrachloroethane	0.447	0.426	-	4.7	20	96	0
p/m Xylene	0.819	0.766	-	6.5	20	94	0
o Xylene	0.776	0.699	-	9.9	20	91	0
Styrene	1.274	1.168	-	8.3	20	94	0
1,4-Dichlorobenzene-d4	1	1	-	0	20	96	0
Bromoform	0.493	0.46	-	6.7	20	97	0
Isopropylbenzene	3.762	3.603	-	4.2	20	94	0
4-Bromofluorobenzene	0.873	0.917	-	-5	20	99	-.01
Bromobenzene	0.948	0.909	-	4.1	20	97	0
n-Propylbenzene	4.684	4.418	-	5.7	20	92	0
1,4-Dichlorobutane	1.159	1.056	-	8.9	20	90	0
1,1,2,2-Tetrachloroethane	0.685	0.619	-	9.6	20	91	-.01
4-Ethyltoluene	3.759	3.743	-	0.4	20	97	0
2-Chlorotoluene	2.76	2.643	-	4.2	20	94	0
1,3,5-Trimethylbenzene	3.37	3.25	-	3.6	20	94	0
1,2,3-Trichloropropane	0.549	0.48	-	12.6	20	89	0
trans-1,4-Dichloro-2-buten	0.216	0.18	-	16.7	20	82	0
4-Chlorotoluene	2.813	2.651	-	5.8	20	93	0
tert-Butylbenzene	2.786	2.698	-	3.2	20	95	0
1,2,4-Trimethylbenzene	3.321	3.246	-	2.3	20	95	0
sec-Butylbenzene	4.227	4.063	-	3.9	20	93	0
p-Isopropyltoluene	3.573	3.47	-	2.9	20	95	0
1,3-Dichlorobenzene	1.936	1.841	-	4.9	20	94	0
1,4-Dichlorobenzene	1.907	1.783	-	6.5	20	93	0
p-Diethylbenzene	2.194	2.166	-	1.3	20	97	0
n-Butylbenzene	3.693	3.483	-	5.7	20	91	0
1,2-Dichlorobenzene	1.725	1.612	-	6.6	20	94	-.01
1,2,4,5-Tetramethylbenzene	3.311	3.327	-	-0.5	20	101	0

* Value outside of QC limits.



Continuing Calibration Form 7

Client : AEI Consultants
 Project Name : VAZQUEZ
 Instrument ID : VOA117
 Lab File ID : V17170718A01
 Sample No : WG1023786-2
 Channel :

Lab Number : L1723686
 Project Number : 344060
 Calibration Date : 07/18/17 07:10
 Init. Calib. Date(s) : 05/25/17 05/25/17
 Init. Calib. Times : 07:30 11:24

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,2-Dibromo-3-chloropropan	0.099	0.089	-	10.1	20	95	0
1,3,5-Trichlorobenzene	1.514	1.533	-	-1.3	20	100	0
Hexachlorobutadiene	0.805	0.84	-	-4.3	20	103	0
1,2,4-Trichlorobenzene	1.291	1.267	-	1.9	20	97	0
Naphthalene	2.257	2.07	-	8.3	20	93	0
1,2,3-Trichlorobenzene	1.159	1.123	-	3.1	20	98	0

* Value outside of QC limits.



Continuing Calibration Form 7

Client : AEI Consultants
 Project Name : VAZQUEZ
 Instrument ID : VOA117
 Lab File ID : V17170719A01
 Sample No : WG1023786-7
 Channel :

Lab Number : L1723686
 Project Number : 344060
 Calibration Date : 07/19/17 07:03
 Init. Calib. Date(s) : 05/25/17 05/25/17
 Init. Calib. Times : 07:30 11:24

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	96	0
Dichlorodifluoromethane	0.438	0.446	-	-1.8	20	99	0
Chloromethane	0.533	0.52	-	2.4	20	95	0
Vinyl chloride	0.519	0.429	-	17.3	20	79	0
Bromomethane	0.334	0.231	-	30.8*	20	69	0
Chloroethane	0.277	0.206	-	25.6*	20	69	0
Trichlorofluoromethane	0.666	0.551	-	17.3	20	80	0
Ethyl ether	0.143	0.144	-	-0.7	20	101	0
1,1-Dichloroethene	0.314	0.322	-	-2.5	20	103	0
Carbon disulfide	1.183	1.021	-	13.7	20	82	0
Freon-113	0.287	0.309	-	-7.7	20	104	0
Acrolein	20	35.469	-	-77.3*	20	188	0
Methylene chloride	0.349	0.342	-	2	20	101	0
Acetone	20	18.46	-	7.7	20	90	0
trans-1,2-Dichloroethene	0.344	0.341	-	0.9	20	99	0
Methyl acetate	0.151	0.142	-	6	20	95	-.01
Methyl tert-butyl ether	0.777	0.728	-	6.3	20	95	0
tert-Butyl alcohol	0.024	0.023	-	4.2	20	93	0
Diisopropyl ether	1.137	1.082	-	4.8	20	96	0
1,1-Dichloroethane	0.716	0.683	-	4.6	20	95	0
Halothane	0.294	0.31	-	-5.4	20	106	0
Acrylonitrile	0.08	0.078	-	2.5	20	96	-.02
Ethyl tert-butyl ether	1.067	1.05	-	1.6	20	100	0
Vinyl acetate	0.662	0.592	-	10.6	20	90	-.01
cis-1,2-Dichloroethene	0.368	0.358	-	2.7	20	97	0
2,2-Dichloropropane	0.539	0.528	-	2	20	97	0
Bromochloromethane	0.162	0.156	-	3.7	20	94	0
Cyclohexane	0.636	0.686	-	-7.9	20	105	0
Chloroform	0.646	0.603	-	6.7	20	93	0
Ethyl acetate	0.231	0.204	-	11.7	20	88	-.01
Carbon tetrachloride	0.518	0.522	-	-0.8	20	98	-.01
Tetrahydrofuran	0.066	0.055	-	16.7	20	82	-.01
Dibromofluoromethane	0.267	0.259	-	3	20	93	0
1,1,1-Trichloroethane	0.594	0.572	-	3.7	20	96	0
2-Butanone	0.092	0.084	-	8.7	20	90	-.02
1,1-Dichloropropene	0.471	0.455	-	3.4	20	96	0
Benzene	1.414	1.348	-	4.7	20	96	-.01
tert-Amyl methyl ether	0.747	0.724	-	3.1	20	99	0
1,2-Dichloroethane-d4	0.273	0.242	-	11.4	20	86	0
1,2-Dichloroethane	0.475	0.394	-	17.1	20	83	-.01
Methyl cyclohexane	0.53	0.546	-	-3	20	101	0
Trichloroethene	0.41	0.394	-	3.9	20	96	0
Dibromomethane	0.191	0.171	-	10.5	20	89	0
1,2-Dichloropropane	0.413	0.389	-	5.8	20	94	-.01
2-Chloroethyl vinyl ether	0.103	0.097	-	5.8	20	91	-.01

* Value outside of QC limits.



Continuing Calibration Form 7

Client : AEI Consultants
 Project Name : VAZQUEZ
 Instrument ID : VOA117
 Lab File ID : V17170719A01
 Sample No : WG1023786-7
 Channel :

Lab Number : L1723686
 Project Number : 344060
 Calibration Date : 07/19/17 07:03
 Init. Calib. Date(s) : 05/25/17 05/25/17
 Init. Calib. Times : 07:30 11:24

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Bromodichloromethane	0.471	0.424	-	10	20	90	-.02
1,4-Dioxane	0.00217	0.002	-	7.8	20	88	0
cis-1,3-Dichloropropene	0.532	0.494	-	7.1	20	94	0
Chlorobenzene-d5	1	1	-	0	20	90	0
Toluene-d8	1.295	1.338	-	-3.3	20	92	0
Toluene	1.072	1.083	-	-1	20	94	0
4-Methyl-2-pentanone	0.107	0.102	-	4.7	20	96	0
Tetrachloroethene	0.5	0.538	-	-7.6	20	100	-.01
trans-1,3-Dichloropropene	0.553	0.538	-	2.7	20	93	-.01
Ethyl methacrylate	20	18.119	-	9.4	20	96	-.01
1,1,2-Trichloroethane	0.285	0.28	-	1.8	20	91	-.01
Chlorodibromomethane	0.421	0.413	-	1.9	20	94	0
1,3-Dichloropropane	0.498	0.478	-	4	20	90	0
1,2-Dibromoethane	0.308	0.299	-	2.9	20	92	0
2-Hexanone	0.192	0.163	-	15.1	20	84	-.01
Chlorobenzene	1.223	1.203	-	1.6	20	93	-.01
Ethylbenzene	2.129	2.101	-	1.3	20	92	-.01
1,1,1,2-Tetrachloroethane	0.447	0.452	-	-1.1	20	95	0
p/m Xylene	0.819	0.825	-	-0.7	20	94	0
o Xylene	0.776	0.744	-	4.1	20	90	0
Styrene	1.274	1.232	-	3.3	20	92	0
1,4-Dichlorobenzene-d4	1	1	-	0	20	89	0
Bromoform	0.493	0.481	-	2.4	20	94	0
Isopropylbenzene	3.762	3.825	-	-1.7	20	93	0
4-Bromofluorobenzene	0.873	0.923	-	-5.7	20	93	-.01
Bromobenzene	0.948	0.953	-	-0.5	20	94	0
n-Propylbenzene	4.684	4.7	-	-0.3	20	91	0
1,4-Dichlorobutane	1.159	1.124	-	3	20	89	0
1,1,2,2-Tetrachloroethane	0.685	0.652	-	4.8	20	89	-.01
4-Ethyltoluene	3.759	3.969	-	-5.6	20	95	0
2-Chlorotoluene	2.76	2.777	-	-0.6	20	92	-.01
1,3,5-Trimethylbenzene	3.37	3.46	-	-2.7	20	93	0
1,2,3-Trichloropropane	0.549	0.504	-	8.2	20	87	0
trans-1,4-Dichloro-2-buten	0.216	0.192	-	11.1	20	81	0
4-Chlorotoluene	2.813	2.825	-	-0.4	20	92	0
tert-Butylbenzene	2.786	2.849	-	-2.3	20	93	0
1,2,4-Trimethylbenzene	3.321	3.443	-	-3.7	20	93	0
sec-Butylbenzene	4.227	4.334	-	-2.5	20	92	0
p-Isopropyltoluene	3.573	3.69	-	-3.3	20	94	0
1,3-Dichlorobenzene	1.936	1.95	-	-0.7	20	92	0
1,4-Dichlorobenzene	1.907	1.896	-	0.6	20	92	0
p-Diethylbenzene	2.194	2.293	-	-4.5	20	95	0
n-Butylbenzene	3.693	3.712	-	-0.5	20	90	0
1,2-Dichlorobenzene	1.725	1.691	-	2	20	91	-.01
1,2,4,5-Tetramethylbenzene	3.311	3.485	-	-5.3	20	98	0

* Value outside of QC limits.



Continuing Calibration Form 7

Client : AEI Consultants
 Project Name : VAZQUEZ
 Instrument ID : VOA117
 Lab File ID : V17170719A01
 Sample No : WG1023786-7
 Channel :

Lab Number : L1723686
 Project Number : 344060
 Calibration Date : 07/19/17 07:03
 Init. Calib. Date(s) : 05/25/17 05/25/17
 Init. Calib. Times : 07:30 11:24

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,2-Dibromo-3-chloropropan	0.099	0.096	-	3	20	95	0
1,3,5-Trichlorobenzene	1.514	1.63	-	-7.7	20	99	0
Hexachlorobutadiene	0.805	0.889	-	-10.4	20	102	0
1,2,4-Trichlorobenzene	1.291	1.317	-	-2	20	93	0
Naphthalene	2.257	2.17	-	3.9	20	91	0
1,2,3-Trichlorobenzene	1.159	1.179	-	-1.7	20	95	0

* Value outside of QC limits.



Evaluate Continuing Calibration Report

Data Path : I:\VOLATILES\VOA104\2017\170714A\
 Data File : V04170714A01.D
 Acq On : 14 Jul 2017 7:42
 Operator : VOA104:MV
 Sample : WG1022759-2
 Misc : WG1022759,ICAL13672
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 14 08:08:48 2017
 Quant Method : I:\VOLATILES\VOA104\2017\170714A\V104_170517_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 18 06:45:13 2017
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.05min
 Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Fluorobenzene	1.000	1.000	0.0	82	0.00
2 T	Dichlorodifluoromethane	0.277	0.299	-7.9	88	0.00
3 T	Chloromethane	0.444	0.487	-9.7	91	0.00
4 C	Vinyl chloride	0.327	0.376	-15.0	95	0.00
5 T	Bromomethane	* 20.000	20.809	-4.0	94	0.00
6 T	Chloroethane	0.184	0.189	-2.7	85	0.00
7 T	Trichlorofluoromethane	0.422	0.519	-23.0#	100	0.00
8 T	Ethyl ether	0.140	0.140	0.0	80	0.00
10 C	1,1-Dichloroethene	0.270	0.250	7.4	78	0.00
11 T	Carbon disulfide	1.177	1.174	0.3	77	0.00
12 T	Freon-113	0.250	0.258	-3.2	81	0.00
14 T	Acrolein	0.048	0.054	-12.5	90	0.00
15 T	Methylene chloride	0.334	0.319	4.5	80	0.00
17 T	Acetone	0.068	0.085	-25.0#	97	0.00
18 T	trans-1,2-Dichloroethene	0.304	0.310	-2.0	84	0.00
19 T	Methyl acetate	0.183	0.194	-6.0	82	0.00
20 T	Methyl tert-butyl ether	0.811	0.566	30.2#	56	0.00
21 T	tert-Butyl alcohol	0.030	0.032	-6.7	84	0.00
22 T	Diisopropyl ether	1.146	1.287	-12.3	90	0.00
23 T	1,1-Dichloroethane	0.604	0.609	-0.8	83	0.00
24 T	Halothane	0.232	0.236	-1.7	84	0.00
25 T	Acrylonitrile	0.092	0.093	-1.1	75	0.00
26 T	Ethyl tert-butyl ether	1.034	1.027	0.7	80	0.00
27 T	Vinyl acetate	0.641	0.681	-6.2	82	0.00
28 T	cis-1,2-Dichloroethene	0.334	0.355	-6.3	89	0.00
29 T	2,2-Dichloropropane	0.443	0.519	-17.2	97	0.00
30 T	Bromochloromethane	0.168	0.167	0.6	78	0.00
31 T	Cyclohexane	0.501	0.587	-17.2	93	0.00
32 C	Chloroform	0.548	0.610	-11.3	91	0.00
33 T	Ethyl acetate	0.272	0.301	-10.7	87	0.00
34 T	Carbon tetrachloride	0.400	0.519	-29.8#	106	0.00
35 T	Tetrahydrofuran	0.089	0.113	-27.0#	105	0.00
36 S	Dibromofluoromethane	0.281	0.294	-4.6	84	0.00
37 T	1,1,1-Trichloroethane	0.466	0.575	-23.4#	102	0.00
39 T	2-Butanone	0.117	0.120	-2.6	75	0.00
40 T	1,1-Dichloropropene	0.383	0.432	-12.8	89	0.00
41 T	Benzene	1.146	1.248	-8.9	92	0.00
42 T	tert-Amyl methyl ether	0.768	0.798	-3.9	84	0.00
43 S	1,2-Dichloroethane-d4	0.258	0.299	-15.9	95	0.00

Evaluate Continuing Calibration Report

Data Path : I:\VOLATILES\VOA104\2017\170714A\
 Data File : V04170714A01.D
 Acq On : 14 Jul 2017 7:42
 Operator : VOA104:MV
 Sample : WG1022759-2
 Misc : WG1022759,ICAL13672
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 14 08:08:48 2017
 Quant Method : I:\VOLATILES\VOA104\2017\170714A\V104_170517_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 18 06:45:13 2017
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.05min
 Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
44 T	1,2-Dichloroethane	0.416	0.500	-20.2#	97	0.00
47 T	Methyl cyclohexane	0.400	0.466	-16.5	96	0.00
48 T	Trichloroethene	0.311	0.356	-14.5	94	0.00
50 T	Dibromomethane	0.184	0.195	-6.0	85	0.00
51 C	1,2-Dichloropropane	0.332	0.369	-11.1	89	0.00
53 T	2-Chloroethyl vinyl ether	0.04529	0.00272	94.0#	5#	0.06#
54 T	Bromodichloromethane	0.409	0.474	-15.9	94	0.00
57 T	1,4-Dioxane	0.00259	0.00295	-13.9	90	0.00
58 T	cis-1,3-Dichloropropene	0.497	0.513	-3.2	84	0.00
59 I	Chlorobenzene-d5	1.000	1.000	0.0	87	0.00
60 S	Toluene-d8	1.163	1.143	1.7	84	0.00
61 C	Toluene	0.869	0.872	-0.3	88	0.00
62 T	4-Methyl-2-pentanone	0.129	0.124	3.9	83	0.00
63 T	Tetrachloroethene	0.425	0.440	-3.5	90	0.00
65 T	trans-1,3-Dichloropropene	0.500	0.495	1.0	85	0.00
67 T	Ethyl methacrylate	0.393	0.387	1.5	81	0.00
68 T	1,1,2-Trichloroethane	0.262	0.240	8.4	77	0.00
69 T	Chlorodibromomethane	0.419	0.415	1.0	85	0.00
70 T	1,3-Dichloropropane	0.506	0.484	4.3	82	0.00
71 T	1,2-Dibromoethane	0.337	0.319	5.3	80	0.00
72 T	2-Hexanone	0.211	0.212	-0.5	86	0.00
73 T	Chlorobenzene	1.066	1.018	4.5	84	0.00
74 C	Ethylbenzene	1.671	1.652	1.1	87	-0.01
75 T	1,1,1,2-Tetrachloroethane	0.403	0.396	1.7	85	0.00
76 T	p/m Xylene	0.677	0.670	1.0	86	0.00
77 T	o Xylene	0.645	0.622	3.6	84	0.00
78 T	Styrene	1.077	1.031	4.3	82	0.00
79 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	88	0.00
80 T	Bromoform	0.510	0.449	12.0	79	0.00
82 T	Isopropylbenzene	3.302	3.249	1.6	90	0.00
83 S	4-Bromofluorobenzene	0.879	0.906	-3.1	93	0.00
84 T	Bromobenzene	0.910	0.834	8.4	83	0.00
85 T	n-Propylbenzene	3.664	3.541	3.4	87	0.00
86 T	1,4-Dichlorobutane	1.127	1.121	0.5	89	0.00
87 T	1,1,2,2-Tetrachloroethane	0.738	0.614	16.8	74	0.00
88 T	4-Ethyltoluene	3.182	3.234	-1.6	92	0.00
89 T	2-Chlorotoluene	2.226	2.103	5.5	87	0.00

Evaluate Continuing Calibration Report

Data Path : I:\VOLATILES\VOA104\2017\170714A\
 Data File : V04170714A01.D
 Acq On : 14 Jul 2017 7:42
 Operator : VOA104:MV
 Sample : WG1022759-2
 Misc : WG1022759,ICAL13672
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 14 08:08:48 2017
 Quant Method : I:\VOLATILES\VOA104\2017\170714A\V104_170517_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 18 06:45:13 2017
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.05min
 Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	1,3,5-Trimethylbenzene	2.765	2.732	1.2	90	0.00
91 T	1,2,3-Trichloropropane	0.543	0.486	10.5	79	0.00
92 T	trans-1,4-Dichloro-2-butene	0.203	0.188	7.4	81	0.00
93 T	4-Chlorotoluene	2.242	2.162	3.6	88	0.00
94 T	tert-Butylbenzene	2.324	2.317	0.3	91	0.00
97 T	1,2,4-Trimethylbenzene	2.763	2.735	1.0	88	0.00
98 T	sec-Butylbenzene	3.453	3.445	0.2	89	0.00
99 T	p-Isopropyltoluene	2.971	2.939	1.1	90	0.00
100 T	1,3-Dichlorobenzene	1.665	1.545	7.2	84	0.00
101 T	1,4-Dichlorobenzene	1.696	1.550	8.6	84	0.00
102 T	p-Diethylbenzene	1.741	1.779	-2.2	94	0.00
103 T	n-Butylbenzene	2.591	2.623	-1.2	92	0.00
104 T	1,2-Dichlorobenzene	1.549	1.444	6.8	83	0.00
105 T	1,2,4,5-Tetramethylbenzene	2.850	2.861	-0.4	92	0.00
106 T	1,2-Dibromo-3-chloropropane	0.127	0.106	16.5	79	0.00
107 T	1,3,5-Trichlorobenzene	1.234	1.180	4.4	86	0.00
108 T	Hexachlorobutadiene	0.579	0.577	0.3	92	0.00
109 T	1,2,4-Trichlorobenzene	1.144	1.048	8.4	83	0.00
110 T	Naphthalene	2.459	2.084	15.3	76	0.00
111 T	1,2,3-Trichlorobenzene	1.060	0.943	11.0	80	0.00

* Evaluation of CC level amount vs concentration.
 (#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA104\2017\170714A\
 Data File : V04170714A01.D
 Acq On : 14 Jul 2017 7:42
 Operator : VOA104:MV
 Sample : WG1022759-2
 Misc : WG1022759,ICAL13672
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 14 08:08:48 2017
 Quant Method : I:\VOLATILES\VOA104\2017\170714A\V104_170517_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 18 06:45:13 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA104\2017\170714A\V04170714A01.D
 Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	

Internal Standards							
1) Fluorobenzene	5.917	96	118675	20.000	ug/L	0.00	
Standard Area 1 = 118675			Recovery = 100.00%				
59) Chlorobenzene-d5	9.435	117	108339	20.000	ug/L	0.00	
Standard Area 1 = 108339			Recovery = 100.00%				
79) 1,4-Dichlorobenzene-d4	12.162	152	57619	20.000	ug/L	0.00	
Standard Area 1 = 57619			Recovery = 100.00%				
System Monitoring Compounds							
36) Dibromofluoromethane	5.125	113	34884	20.888	ug/L	0.00	
Spiked Amount 20.000	Range 70 - 130		Recovery = 104.44%				
43) 1,2-Dichloroethane-d4	5.645	65	35537	23.222	ug/L	0.00	
Spiked Amount 20.000	Range 70 - 130		Recovery = 116.11%				
60) Toluene-d8	7.595	98	123804	19.644	ug/L	0.00	
Spiked Amount 20.000	Range 70 - 130		Recovery = 98.22%				
83) 4-Bromofluorobenzene	10.945	95	52182	20.615	ug/L	0.00	
Spiked Amount 20.000	Range 70 - 130		Recovery = 103.07%				
Target Compounds							
							Qvalue
2) Dichlorodifluoromethane	1.628	85	35471	21.561	ug/L		98
3) Chloromethane	1.817	50	57790	21.941	ug/L		98
4) Vinyl chloride	1.880	62	44582	22.967	ug/L		97
5) Bromomethane	2.184	94	24465	20.809	ug/L		96
6) Chloroethane	2.300	64	22449	20.553	ug/L		93
7) Trichlorofluoromethane	2.431	101	61587	24.567	ug/L		100
8) Ethyl ether	2.724	74	16591	19.940	ug/L		84
10) 1,1-Dichloroethene	2.908	96	29709	18.567	ug/L		100
11) Carbon disulfide	2.929	76	139325	19.950	ug/L		99
12) Freon-113	2.939	101	30648	20.656	ug/L	#	53
14) Acrolein	3.233	56	6421	22.554	ug/L		92
15) Methylene chloride	3.448	84	37888	19.109	ug/L		95
17) Acetone	3.505	43	10067	25.117	ug/L		91
18) trans-1,2-Dichloroethene	3.600	96	36743	20.380	ug/L		89
19) Methyl acetate	3.615	43	23072	21.201	ug/L		99
20) Methyl tert-butyl ether	3.694	73	67214	13.968	ug/L		94
21) tert-Butyl alcohol	3.804	59	18860	104.249	ug/L		92
22) Diisopropyl ether	4.040	45	152762	22.471	ug/L		97
23) 1,1-Dichloroethane	4.171	63	72324	20.172	ug/L		99
24) Halothane	4.224	117	28007	20.356	ug/L	#	100
25) Acrylonitrile	4.234	53	11054	20.213	ug/L		95

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA104\2017\170714A\
 Data File : V04170714A01.D
 Acq On : 14 Jul 2017 7:42
 Operator : VOA104:MV
 Sample : WG1022759-2
 Misc : WG1022759,ICAL13672
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 14 08:08:48 2017
 Quant Method : I:\VOLATILES\VOA104\2017\170714A\V104_170517_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 18 06:45:13 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA104\2017\170714A\V04170714A01.D
 Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
26) Ethyl tert-butyl ether	4.381	59	121820	19.863	ug/L	94
27) Vinyl acetate	4.407	43	80792	21.237	ug/L	98
28) cis-1,2-Dichloroethene	4.685	96	42168	21.285	ug/L	90
29) 2,2-Dichloropropane	4.779	77	61645	23.435	ug/L	100
30) Bromochloromethane	4.874	128	19842	19.948	ug/L	98
31) Cyclohexane	4.858	56	69666	23.419	ug/L	96
32) Chloroform	4.947	83	72362	22.267	ug/L	100
33) Ethyl acetate	5.057	43	35773	22.202	ug/L	98
34) Carbon tetrachloride	5.068	117	61632	25.991	ug/L	99
35) Tetrahydrofuran	5.099	42	13370	25.205	ug/L	94
37) 1,1,1-Trichloroethane	5.131	97	68276	24.708	ug/L	95
39) 2-Butanone	5.246	43	14290	20.540	ug/L	96
40) 1,1-Dichloropropene	5.257	75	51294	22.545	ug/L	99
41) Benzene	5.498	78	148109	21.786	ug/L	98
42) tert-Amyl methyl ether	5.603	73	94664	20.773	ug/L	99
44) 1,2-Dichloroethane	5.713	62	59346	24.064	ug/L	99
47) Methyl cyclohexane	6.064	83	55266	23.289	ug/L	99
48) Trichloroethene	6.090	95	42297	22.904	ug/L	98
50) Dibromomethane	6.541	93	23144	21.207	ug/L	96
51) 1,2-Dichloropropane	6.641	63	43810	22.218	ug/L	# 94
53) 2-Chloroethyl vinyl ether	7.401	63	323	1.202	ug/L	# 13
54) Bromodichloromethane	6.714	83	56253	23.178	ug/L	99
57) 1,4-Dioxane	6.929	88	17520	1140.621	ug/L	95
58) cis-1,3-Dichloropropene	7.396	75	60862	20.617	ug/L	94
61) Toluene	7.653	92	94425	20.052	ug/L	99
62) 4-Methyl-2-pentanone	8.098	58	13476	19.339	ug/L	82
63) Tetrachloroethene	8.093	166	47666	20.717	ug/L	96
65) trans-1,3-Dichloropropene	8.151	75	53676	19.805	ug/L	94
67) Ethyl methacrylate	8.334	69	41912	19.708	ug/L	98
68) 1,1,2-Trichloroethane	8.334	83	26026	18.372	ug/L	97
69) Chlorodibromomethane	8.539	129	44914	19.782	ug/L	99
70) 1,3-Dichloropropane	8.654	76	52455	19.136	ug/L	100
71) 1,2-Dibromoethane	8.817	107	34542	18.917	ug/L	100
72) 2-Hexanone	9.110	43	22971	20.109	ug/L	91
73) Chlorobenzene	9.456	112	110267	19.102	ug/L	99
74) Ethylbenzene	9.488	91	178926	19.766	ug/L	100
75) 1,1,1,2-Tetrachloroethane	9.545	131	42886	19.664	ug/L	99
76) p/m Xylene	9.676	106	145273	39.631	ug/L	97
77) o Xylene	10.222	106	134864	38.598	ug/L	99
78) Styrene	10.295	104	223359	38.279	ug/L	98

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA104\2017\170714A\
 Data File : V04170714A01.D
 Acq On : 14 Jul 2017 7:42
 Operator : VOA104:MV
 Sample : WG1022759-2
 Misc : WG1022759,ICAL13672
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 14 08:08:48 2017
 Quant Method : I:\VOLATILES\VOA104\2017\170714A\V104_170517_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 18 06:45:13 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA104\2017\170714A\V04170714A01.D
 Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) Bromoform	10.327	173	25863	17.587	ug/L	98
82) Isopropylbenzene	10.610	105	187178	19.678	ug/L	98
84) Bromobenzene	11.055	156	48062	18.334	ug/L	99
85) n-Propylbenzene	11.097	91	204034	19.330	ug/L	100
86) 1,4-Dichlorobutane	11.129	55	64584	19.891	ug/L	94
87) 1,1,2,2-Tetrachloroethane	11.197	83	35380	16.649	ug/L	100
88) 4-Ethyltoluene	11.223	105	186323	20.326	ug/L	99
89) 2-Chlorotoluene	11.270	91	121172	18.894	ug/L	99
90) 1,3,5-Trimethylbenzene	11.323	105	157405	19.758	ug/L	98
91) 1,2,3-Trichloropropane	11.339	75	27999	17.911	ug/L	94
92) trans-1,4-Dichloro-2-b...	11.396	53	10814	18.470	ug/L	89
93) 4-Chlorotoluene	11.454	91	124558	19.286	ug/L	100
94) tert-Butylbenzene	11.664	119	133501	19.941	ug/L	97
97) 1,2,4-Trimethylbenzene	11.742	105	157582	19.798	ug/L	97
98) sec-Butylbenzene	11.852	105	198489	19.954	ug/L	98
99) p-Isopropyltoluene	12.010	119	169360	19.786	ug/L	97
100) 1,3-Dichlorobenzene	12.083	146	89043	18.563	ug/L	99
101) 1,4-Dichlorobenzene	12.177	146	89296	18.272	ug/L	99
102) p-Diethylbenzene	12.382	119	102487	20.433	ug/L	99
103) n-Butylbenzene	12.445	91	151128	20.250	ug/L	97
104) 1,2-Dichlorobenzene	12.602	146	83226	18.652	ug/L	98
105) 1,2,4,5-Tetramethylben...	13.179	119	164862	20.077	ug/L	96
106) 1,2-Dibromo-3-chloropr...	13.389	155	6106	16.698	ug/L	100
107) 1,3,5-Trichlorobenzene	13.410	180	67993	19.132	ug/L	97
108) Hexachlorobutadiene	13.981	225	33225	19.903	ug/L	99
109) 1,2,4-Trichlorobenzene	14.012	180	60393	18.327	ug/L	99
110) Naphthalene	14.306	128	120089	16.950	ug/L	100
111) 1,2,3-Trichlorobenzene	14.474	180	54352	17.805	ug/L	98

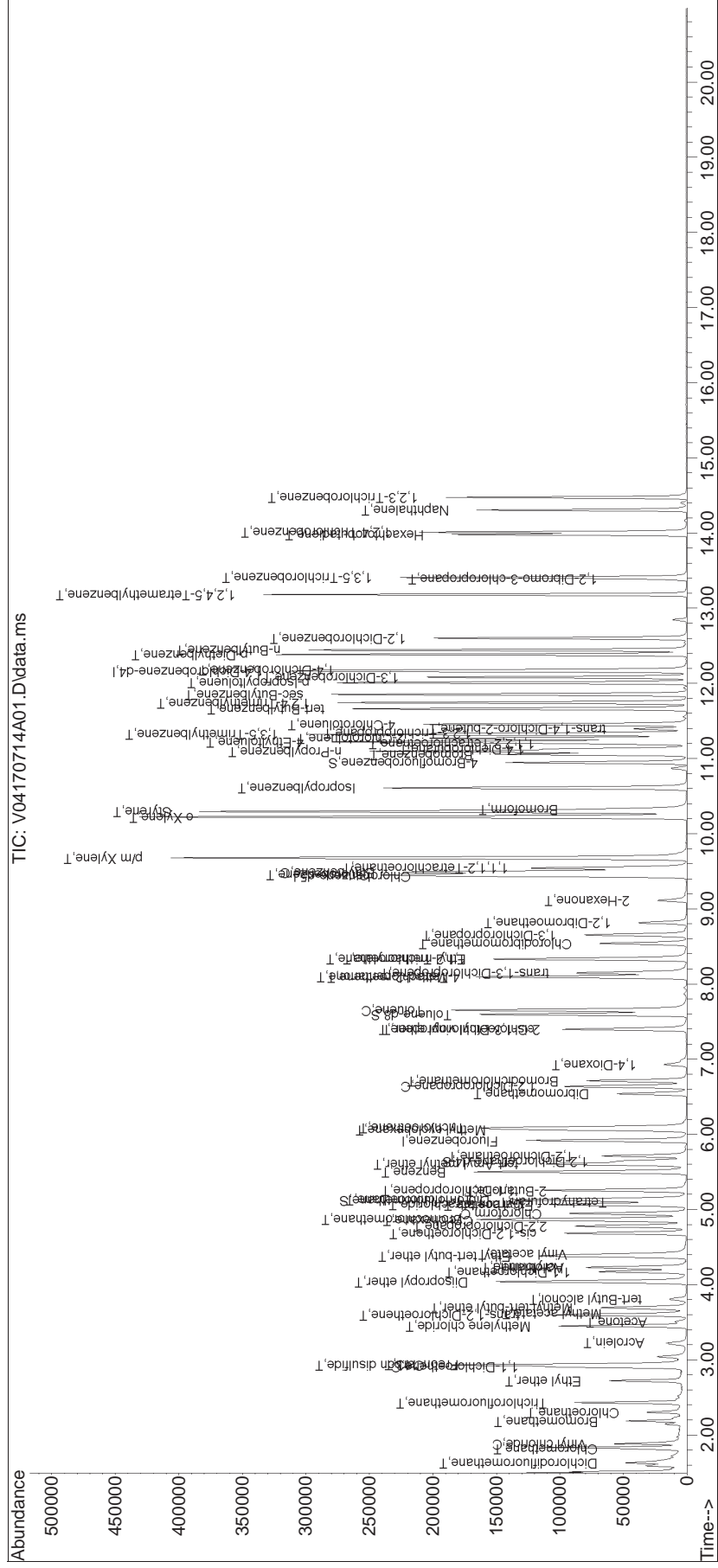
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA104\2017\170714A\
 Data File : V04170714A01.D
 Acq On : 14 Jul 2017 7:42
 Operator : VOA104:MV
 Sample : WG1022759-2
 Misc : WG1022759,ICAL13672
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 14 08:08:48 2017
 Quant Method : I:\VOLATILES\VOA104\2017\170714A\V104_170517_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 18 06:45:13 2017
 Response via : Initial Calibration

Sub List : 8260-CurveSoil - Megamix plus Diox4A\V04170714A01.D•



Manual Integration Report

Data Path : I:\VOLATILES\VOA104\2017\1QMethod : V104_170517_8260.m
Data File : V04170714A01.D Operator : VOA104:MV
Date Inj'd : 7/14/2017 7:42 Instrument : VOA 104
Sample : WG1022759-2 Quant Date : 7/14/2017 8:08 am

There are no manual integrations or false positives in this file.

Evaluate Continuing Calibration Report

Data Path : I:\VOLATILES\VOA117\2017\170716A\
 Data File : V17170716A01.D
 Acq On : 16 Jul 2017 07:59 am
 Operator : VOA117:CBN
 Sample : WG1023115-2
 Misc : WG1023115,ICAL13689
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 16 08:31:55 2017
 Quant Method : I:\VOLATILES\VOA117\2017\170716A\V117_170525_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 25 12:01:44 2017
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Fluorobenzene	1.000	1.000	0.0	93	0.00
2 T	Dichlorodifluoromethane	0.438	0.474	-8.2	102	0.00
3 T	Chloromethane	0.533	0.569	-6.8	101	0.00
4 C	Vinyl chloride	0.519	0.462	11.0	83	0.00
5 T	Bromomethane	0.334	0.236	29.3#	69	0.00
6 T	Chloroethane	0.277	0.217	21.7#	71	0.00
7 T	Trichlorofluoromethane	0.666	0.583	12.5	82	0.00
8 T	Ethyl ether	0.143	0.150	-4.9	103	0.00
10 C	1,1-Dichloroethene	0.314	0.349	-11.1	109	0.00
11 T	Carbon disulfide	1.183	1.159	2.0	90	0.00
12 T	Freon-113	0.287	0.330	-15.0	109	0.00
14 T	Acrolein	* 20.000	34.346	-71.7#	178	0.00
15 T	Methylene chloride	0.349	0.368	-5.4	106	0.00
17 T	Acetone	* 20.000	19.325	3.4	91	-0.01
18 T	trans-1,2-Dichloroethene	0.344	0.373	-8.4	105	0.00
19 T	Methyl acetate	0.151	0.147	2.6	96	-0.01
20 T	Methyl tert-butyl ether	0.777	0.720	7.3	92	0.00
21 T	tert-Butyl alcohol	0.024	0.021	12.5	86	0.00
22 T	Diisopropyl ether	1.137	1.129	0.7	98	0.00
23 T	1,1-Dichloroethane	0.716	0.759	-6.0	103	0.00
24 T	Halothane	0.294	0.324	-10.2	108	0.00
25 T	Acrylonitrile	0.080	0.081	-1.3	97	-0.01
26 T	Ethyl tert-butyl ether	1.067	1.059	0.7	98	0.00
27 T	Vinyl acetate	0.662	0.621	6.2	92	0.00
28 T	cis-1,2-Dichloroethene	0.368	0.384	-4.3	101	0.00
29 T	2,2-Dichloropropane	0.539	0.567	-5.2	102	0.00
30 T	Bromochloromethane	0.162	0.169	-4.3	100	0.00
31 T	Cyclohexane	0.636	0.715	-12.4	107	0.00
32 C	Chloroform	0.646	0.661	-2.3	99	0.00
33 T	Ethyl acetate	0.231	0.212	8.2	89	-0.01
34 T	Carbon tetrachloride	0.518	0.562	-8.5	103	0.00
35 T	Tetrahydrofuran	0.066	0.058	12.1	84	-0.01
36 S	Dibromofluoromethane	0.267	0.264	1.1	93	0.00
37 T	1,1,1-Trichloroethane	0.594	0.629	-5.9	103	0.00
39 T	2-Butanone	0.092	0.085	7.6	88	-0.02
40 T	1,1-Dichloropropene	0.471	0.487	-3.4	100	0.00
41 T	Benzene	1.414	1.471	-4.0	102	-0.01
42 T	tert-Amyl methyl ether	0.747	0.714	4.4	95	0.00
43 S	1,2-Dichloroethane-d4	0.273	0.245	10.3	85	0.00

Evaluate Continuing Calibration Report

Data Path : I:\VOLATILES\VOA117\2017\170716A\
 Data File : V17170716A01.D
 Acq On : 16 Jul 2017 07:59 am
 Operator : VOA117:CBN
 Sample : WG1023115-2
 Misc : WG1023115,ICAL13689
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 16 08:31:55 2017
 Quant Method : I:\VOLATILES\VOA117\2017\170716A\V117_170525_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 25 12:01:44 2017
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
44 T	1,2-Dichloroethane	0.475	0.420	11.6	86	-0.01
47 T	Methyl cyclohexane	0.530	0.554	-4.5	100	0.00
48 T	Trichloroethene	0.410	0.432	-5.4	103	0.00
50 T	Dibromomethane	0.191	0.184	3.7	93	0.00
51 C	1,2-Dichloropropane	0.413	0.426	-3.1	101	0.00
53 T	2-Chloroethyl vinyl ether	0.103	0.084	18.4	77	-0.01
54 T	Bromodichloromethane	0.471	0.453	3.8	94	-0.01
57 T	1,4-Dioxane	0.00217	0.00181	16.6	78	0.00
58 T	cis-1,3-Dichloropropene	0.532	0.511	3.9	95	0.00
59 I	Chlorobenzene-d5	1.000	1.000	0.0	88	0.00
60 S	Toluene-d8	1.295	1.336	-3.2	89	0.00
61 C	Toluene	1.072	1.179	-10.0	100	0.00
62 T	4-Methyl-2-pentanone	0.107	0.100	6.5	91	0.00
63 T	Tetrachloroethene	0.500	0.576	-15.2	103	0.00
65 T	trans-1,3-Dichloropropene	0.553	0.562	-1.6	94	0.00
67 T	Ethyl methacrylate	* 20.000	17.659	11.7	90	-0.01
68 T	1,1,2-Trichloroethane	0.285	0.294	-3.2	93	-0.01
69 T	Chlorodibromomethane	0.421	0.443	-5.2	97	0.00
70 T	1,3-Dichloropropane	0.498	0.500	-0.4	91	0.00
71 T	1,2-Dibromoethane	0.308	0.306	0.6	91	0.00
72 T	2-Hexanone	0.192	0.163	15.1	81	-0.01
73 T	Chlorobenzene	1.223	1.316	-7.6	98	0.00
74 C	Ethylbenzene	2.129	2.261	-6.2	96	0.00
75 T	1,1,1,2-Tetrachloroethane	0.447	0.488	-9.2	99	0.00
76 T	p/m Xylene	0.819	0.890	-8.7	98	0.00
77 T	o Xylene	0.776	0.788	-1.5	92	0.00
78 T	Styrene	1.274	1.325	-4.0	96	0.00
79 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	87	0.00
80 T	Bromoform	0.493	0.516	-4.7	98	0.00
82 T	Isopropylbenzene	3.762	4.037	-7.3	95	0.00
83 S	4-Bromofluorobenzene	0.873	0.902	-3.3	88	0.00
84 T	Bromobenzene	0.948	1.022	-7.8	98	0.00
85 T	n-Propylbenzene	4.684	5.104	-9.0	96	0.00
86 T	1,4-Dichlorobutane	1.159	1.194	-3.0	92	0.00
87 T	1,1,2,2-Tetrachloroethane	0.685	0.671	2.0	89	-0.01
88 T	4-Ethyltoluene	3.759	4.129	-9.8	96	0.00
89 T	2-Chlorotoluene	2.760	3.027	-9.7	98	0.00

Evaluate Continuing Calibration Report

Data Path : I:\VOLATILES\VOA117\2017\170716A\
 Data File : V17170716A01.D
 Acq On : 16 Jul 2017 07:59 am
 Operator : VOA117:CBN
 Sample : WG1023115-2
 Misc : WG1023115,ICAL13689
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 16 08:31:55 2017
 Quant Method : I:\VOLATILES\VOA117\2017\170716A\V117_170525_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 25 12:01:44 2017
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	1,3,5-Trimethylbenzene	3.370	3.793	-12.6	99	0.00
91 T	1,2,3-Trichloropropane	0.549	0.535	2.6	89	0.00
92 T	trans-1,4-Dichloro-2-butene	0.216	0.201	6.9	83	0.00
93 T	4-Chlorotoluene	2.813	3.054	-8.6	97	0.00
94 T	tert-Butylbenzene	2.786	3.055	-9.7	97	0.00
97 T	1,2,4-Trimethylbenzene	3.321	3.696	-11.3	97	0.00
98 T	sec-Butylbenzene	4.227	4.659	-10.2	96	0.00
99 T	p-Isopropyltoluene	3.573	3.958	-10.8	98	0.00
100 T	1,3-Dichlorobenzene	1.936	2.115	-9.2	97	0.00
101 T	1,4-Dichlorobenzene	1.907	2.055	-7.8	97	0.00
102 T	p-Diethylbenzene	2.194	2.363	-7.7	95	0.00
103 T	n-Butylbenzene	3.693	4.071	-10.2	96	0.00
104 T	1,2-Dichlorobenzene	1.725	1.843	-6.8	97	-0.01
105 T	1,2,4,5-Tetramethylbenzene	3.311	3.509	-6.0	96	0.00
106 T	1,2-Dibromo-3-chloropropane	0.099	0.100	-1.0	96	0.00
107 T	1,3,5-Trichlorobenzene	1.514	1.698	-12.2	100	0.00
108 T	Hexachlorobutadiene	0.805	0.962	-19.5	107	0.00
109 T	1,2,4-Trichlorobenzene	1.291	1.414	-9.5	97	0.00
110 T	Naphthalene	2.257	2.180	3.4	88	0.00
111 T	1,2,3-Trichlorobenzene	1.159	1.268	-9.4	99	0.00

* Evaluation of CC level amount vs concentration.
 (#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA117\2017\170716A\
 Data File : V17170716A01.D
 Acq On : 16 Jul 2017 07:59 am
 Operator : VOA117:CBN
 Sample : WG1023115-2
 Misc : WG1023115,ICAL13689
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 16 08:31:55 2017
 Quant Method : I:\VOLATILES\VOA117\2017\170716A\V117_170525_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 25 12:01:44 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA117\2017\170716A\V17170716A01.D
 Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Fluorobenzene	6.347	96	144303	20.000	ug/L	0.00
Standard Area 1 = 144303			Recovery =	100.00%		
59) Chlorobenzene-d5	9.913	117	109443	20.000	ug/L	0.00
Standard Area 1 = 109443			Recovery =	100.00%		
79) 1,4-Dichlorobenzene-d4	12.534	152	60580	20.000	ug/L	0.00
Standard Area 1 = 60580			Recovery =	100.00%		
System Monitoring Compounds						
36) Dibromofluoromethane	5.519	113	38034	19.751	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery =	98.76%		
43) 1,2-Dichloroethane-d4	6.059	65	35283	17.898	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery =	89.49%		
60) Toluene-d8	8.051	98	146245	20.644	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery =	103.22%		
83) 4-Bromofluorobenzene	11.355	95	54668	20.664	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery =	103.32%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.781	85	68354	21.629	ug/L	98
3) Chloromethane	1.990	50	82116	21.338	ug/L	99
4) Vinyl chloride	2.064	62	66639	17.790	ug/L	100
5) Bromomethane	2.410	94	34050	14.135	ug/L	99
6) Chloroethane	2.541	64	31385	15.703	ug/L	99
7) Trichlorofluoromethane	2.688	101	84151	17.514	ug/L	98
8) Ethyl ether	3.008	74	21660	21.044	ug/L	90
10) 1,1-Dichloroethene	3.207	96	50388	22.270	ug/L	96
11) Carbon disulfide	3.233	76	167251	19.597	ug/L	100
12) Freon-113	3.249	101	47613	22.965	ug/L #	54
14) Acrolein	3.548	56	10204	34.346	ug/L	95
15) Methylene chloride	3.784	84	53119	21.066	ug/L	82
17) Acetone	3.836	43	8251	19.325	ug/L	94
18) trans-1,2-Dichloroethene	3.941	96	53770	21.679	ug/L	98
19) Methyl acetate	3.957	43	21236	19.504	ug/L #	85
20) Methyl tert-butyl ether	4.051	73	103863	18.527	ug/L	96
21) tert-Butyl alcohol	4.140	59	15494	87.930	ug/L	98
22) Diisopropyl ether	4.418	45	162945	19.858	ug/L	97
23) 1,1-Dichloroethane	4.549	63	109543	21.196	ug/L	99
24) Halothane	4.591	117	46745	22.001	ug/L	100
25) Acrylonitrile	4.601	53	11712	20.285	ug/L #	89

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA117\2017\170716A\
 Data File : V17170716A01.D
 Acq On : 16 Jul 2017 07:59 am
 Operator : VOA117:CBN
 Sample : WG1023115-2
 Misc : WG1023115,ICAL13689
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 16 08:31:55 2017
 Quant Method : I:\VOLATILES\VOA117\2017\170716A\V117_170525_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 25 12:01:44 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA117\2017\170716A\V17170716A01.D
 Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
26) Ethyl tert-butyl ether	4.769	59	152780	19.849	ug/L	84
27) Vinyl acetate	4.790	43	89635	18.775	ug/L	98
28) cis-1,2-Dichloroethene	5.073	96	55356	20.868	ug/L	97
29) 2,2-Dichloropropane	5.183	77	81857	21.035	ug/L	88
30) Bromochloromethane	5.267	128	24380	20.859	ug/L	97
31) Cyclohexane	5.273	56	103207	22.499	ug/L	98
32) Chloroform	5.336	83	95341	20.466	ug/L	96
33) Ethyl acetate	5.456	43	30616	18.387	ug/L #	96
34) Carbon tetrachloride	5.482	117	81073	21.688	ug/L	100
35) Tetrahydrofuran	5.503	42	8314	17.523	ug/L #	3
37) 1,1,1-Trichloroethane	5.550	97	90811	21.201	ug/L	99
39) 2-Butanone	5.650	43	12216	18.310	ug/L #	61
40) 1,1-Dichloropropene	5.671	75	70328	20.696	ug/L	98
41) Benzene	5.923	78	212339	20.806	ug/L	98
42) tert-Amyl methyl ether	6.033	73	103035	19.116	ug/L	95
44) 1,2-Dichloroethane	6.127	62	60636	17.675	ug/L	100
47) Methyl cyclohexane	6.515	83	79899	20.902	ug/L	97
48) Trichloroethene	6.520	95	62295	21.055	ug/L	97
50) Dibromomethane	6.966	93	26501	19.200	ug/L	95
51) 1,2-Dichloropropane	7.081	63	61462	20.603	ug/L	100
53) 2-Chloroethyl vinyl ether	7.768	63	12186	16.431	ug/L	87
54) Bromodichloromethane	7.139	83	65430	19.263	ug/L	99
57) 1,4-Dioxane	7.359	88	13091	837.574	ug/L	93
58) cis-1,3-Dichloropropene	7.842	75	73745	19.217	ug/L #	87
61) Toluene	8.109	92	129074	21.997	ug/L	98
62) 4-Methyl-2-pentanone	8.550	58	10912	18.637	ug/L	84
63) Tetrachloroethene	8.560	166	63077	23.048	ug/L	97
65) trans-1,3-Dichloropropene	8.591	75	61534	20.338	ug/L #	81
67) Ethyl methacrylate	8.780	69	39556	17.659	ug/L	84
68) 1,1,2-Trichloroethane	8.780	83	32140	20.579	ug/L	99
69) Chlorodibromomethane	8.990	129	48505	21.034	ug/L	99
70) 1,3-Dichloropropane	9.111	76	54719	20.083	ug/L	99
71) 1,2-Dibromoethane	9.278	107	33539	19.876	ug/L	99
72) 2-Hexanone	9.561	43	17880	17.051	ug/L	95
73) Chlorobenzene	9.934	112	143977	21.509	ug/L	96
74) Ethylbenzene	9.970	91	247486	21.241	ug/L	99
75) 1,1,1,2-Tetrachloroethane	10.012	131	53435	21.860	ug/L	99
76) p/m Xylene	10.154	106	194906	43.512	ug/L	97
77) o Xylene	10.673	106	172530	40.607	ug/L	97
78) Styrene	10.736	104	290017	41.604	ug/L	97

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA117\2017\170716A\
 Data File : V17170716A01.D
 Acq On : 16 Jul 2017 07:59 am
 Operator : VOA117:CBN
 Sample : WG1023115-2
 Misc : WG1023115,ICAL13689
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 16 08:31:55 2017
 Quant Method : I:\VOLATILES\VOA117\2017\170716A\V117_170525_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 25 12:01:44 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA117\2017\170716A\V17170716A01.D
 Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) Bromoform	10.757	173	31265	20.954	ug/L	98
82) Isopropylbenzene	11.040	105	244586	21.464	ug/L	100
84) Bromobenzene	11.465	156	61883	21.544	ug/L	99
85) n-Propylbenzene	11.501	91	309201	21.793	ug/L	98
86) 1,4-Dichlorobutane	11.522	55	72325	20.609	ug/L	97
87) 1,1,2,2-Tetrachloroethane	11.575	83	40642	19.588	ug/L	99
88) 4-Ethyltoluene	11.622	105	250158	21.970	ug/L	99
89) 2-Chlorotoluene	11.669	91	183374	21.937	ug/L	97
90) 1,3,5-Trimethylbenzene	11.716	105	229764	22.511	ug/L	98
91) 1,2,3-Trichloropropane	11.722	75	32405	19.497	ug/L	94
92) trans-1,4-Dichloro-2-b...	11.769	53	12165	18.601	ug/L	83
93) 4-Chlorotoluene	11.847	91	185011	21.711	ug/L	97
94) tert-Butylbenzene	12.052	119	185081	21.936	ug/L	96
97) 1,2,4-Trimethylbenzene	12.125	105	223910	22.256	ug/L	99
98) sec-Butylbenzene	12.235	105	282253	22.043	ug/L	99
99) p-Isopropyltoluene	12.387	119	239748	22.155	ug/L	99
100) 1,3-Dichlorobenzene	12.456	146	128101	21.847	ug/L	99
101) 1,4-Dichlorobenzene	12.550	146	124506	21.557	ug/L	99
102) p-Diethylbenzene	12.755	119	143133	21.534	ug/L	98
103) n-Butylbenzene	12.812	91	246631	22.050	ug/L	99
104) 1,2-Dichlorobenzene	12.964	146	111653	21.366	ug/L	99
105) 1,2,4,5-Tetramethylben...	13.536	119	212554	21.196	ug/L	98
106) 1,2-Dibromo-3-chloropr...	13.735	155	6036	20.104	ug/L	98
107) 1,3,5-Trichlorobenzene	13.766	180	102869	22.431	ug/L	99
108) Hexachlorobutadiene	14.333	225	58287	23.914	ug/L	99
109) 1,2,4-Trichlorobenzene	14.359	180	85673	21.905	ug/L	99
110) Naphthalene	14.653	128	132083	19.318	ug/L	100
111) 1,2,3-Trichlorobenzene	14.820	180	76789	21.864	ug/L	98

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

Manual Integration Report

Data Path : I:\VOLATILES\VOA117\2017\1QMethod : V117_170525_8260.m
Data File : V17170716A01.D Operator : VOA117:CBN
Date Inj'd : 7/16/2017 7:59 am Instrument : VOA 117
Sample : WG1023115-2 Quant Date : 7/16/2017 8:31 am

There are no manual integrations or false positives in this file.

Evaluate Continuing Calibration Report

Data Path : I:\VOLATILES\VOA104\2017\170716A\
 Data File : V04170716A01.D
 Acq On : 16 Jul 2017 7:59
 Operator : VOA104:CBN
 Sample : WG1023153-2
 Misc : WG1023153,ICAL13672
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 16 08:33:08 2017
 Quant Method : I:\VOLATILES\VOA104\2017\170716A\V104_170517_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 18 06:45:13 2017
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.05min
 Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Fluorobenzene	1.000	1.000	0.0	117	0.00
2 T	Dichlorodifluoromethane	0.277	0.231	16.6	97	0.00
3 T	Chloromethane	0.444	0.358	19.4	95	0.00
4 C	Vinyl chloride	0.327	0.288	11.9	104	0.00
5 T	Bromomethane	* 20.000	17.338	13.3	113	0.00
6 T	Chloroethane	0.184	0.152	17.4	98	0.00
7 T	Trichlorofluoromethane	0.422	0.359	14.9	98	0.00
8 T	Ethyl ether	0.140	0.114	18.6	93	0.00
10 C	1,1-Dichloroethene	0.270	0.193	28.5#	86	0.00
11 T	Carbon disulfide	1.177	0.753	36.0#	70	0.00
12 T	Freon-113	0.250	0.214	14.4	96	0.00
14 T	Acrolein	0.048	0.043	10.4	102	0.00
15 T	Methylene chloride	0.334	0.270	19.2	97	0.00
17 T	Acetone	0.068	0.064	5.9	105	0.00
18 T	trans-1,2-Dichloroethene	0.304	0.243	20.1#	94	0.00
19 T	Methyl acetate	0.183	0.158	13.7	96	0.00
20 T	Methyl tert-butyl ether	0.811	0.558	31.2#	79	0.00
21 T	tert-Butyl alcohol	0.030	0.026	13.3	98	0.00
22 T	Diisopropyl ether	1.146	1.004	12.4	100	0.00
23 T	1,1-Dichloroethane	0.604	0.500	17.2	97	0.00
24 T	Halothane	0.232	0.190	18.1	96	0.00
25 T	Acrylonitrile	0.092	0.081	12.0	94	0.00
26 T	Ethyl tert-butyl ether	1.034	0.915	11.5	102	0.00
27 T	Vinyl acetate	0.641	0.567	11.5	97	0.00
28 T	cis-1,2-Dichloroethene	0.334	0.283	15.3	101	0.00
29 T	2,2-Dichloropropane	0.443	0.380	14.2	101	0.00
30 T	Bromochloromethane	0.168	0.144	14.3	96	0.00
31 T	Cyclohexane	0.501	0.456	9.0	103	0.00
32 C	Chloroform	0.548	0.466	15.0	100	0.00
33 T	Ethyl acetate	0.272	0.244	10.3	101	0.00
34 T	Carbon tetrachloride	0.400	0.372	7.0	108	0.00
35 T	Tetrahydrofuran	0.089	0.093	-4.5	124	0.00
36 S	Dibromofluoromethane	0.281	0.275	2.1	113	0.00
37 T	1,1,1-Trichloroethane	0.466	0.418	10.3	106	0.00
39 T	2-Butanone	0.117	0.098	16.2	87	0.00
40 T	1,1-Dichloropropene	0.383	0.334	12.8	98	0.00
41 T	Benzene	1.146	0.959	16.3	101	0.00
42 T	tert-Amyl methyl ether	0.768	0.699	9.0	106	0.00
43 S	1,2-Dichloroethane-d4	0.258	0.269	-4.3	122	0.00

Evaluate Continuing Calibration Report

Data Path : I:\VOLATILES\VOA104\2017\170716A\
 Data File : V04170716A01.D
 Acq On : 16 Jul 2017 7:59
 Operator : VOA104:CBN
 Sample : WG1023153-2
 Misc : WG1023153,ICAL13672
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 16 08:33:08 2017
 Quant Method : I:\VOLATILES\VOA104\2017\170716A\V104_170517_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 18 06:45:13 2017
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.05min
 Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
44 T	1,2-Dichloroethane	0.416	0.375	9.9	104	0.00
47 T	Methyl cyclohexane	0.400	0.364	9.0	108	0.00
48 T	Trichloroethene	0.311	0.279	10.3	105	0.00
50 T	Dibromomethane	0.184	0.162	12.0	101	0.00
51 C	1,2-Dichloropropane	0.332	0.302	9.0	104	0.00
53 T	2-Chloroethyl vinyl ether	0.04529	0.00277	93.9#	7#	-0.01
54 T	Bromodichloromethane	0.409	0.376	8.1	106	0.00
57 T	1,4-Dioxane	0.00259	0.00269	-3.9	116	0.00
58 T	cis-1,3-Dichloropropene	0.497	0.428	13.9	100	0.00
59 I	Chlorobenzene-d5	1.000	1.000	0.0	106	0.00
60 S	Toluene-d8	1.163	1.256	-8.0	112	0.00
61 C	Toluene	0.869	0.811	6.7	99	0.00
62 T	4-Methyl-2-pentanone	0.129	0.127	1.6	102	0.00
63 T	Tetrachloroethene	0.425	0.394	7.3	98	0.00
65 T	trans-1,3-Dichloropropene	0.500	0.482	3.6	100	0.00
67 T	Ethyl methacrylate	0.393	0.396	-0.8	100	0.00
68 T	1,1,2-Trichloroethane	0.262	0.241	8.0	93	0.00
69 T	Chlorodibromomethane	0.419	0.381	9.1	95	0.00
70 T	1,3-Dichloropropane	0.506	0.473	6.5	97	0.00
71 T	1,2-Dibromoethane	0.337	0.313	7.1	95	0.00
72 T	2-Hexanone	0.211	0.205	2.8	100	0.00
73 T	Chlorobenzene	1.066	0.964	9.6	96	0.00
74 C	Ethylbenzene	1.671	1.541	7.8	98	0.00
75 T	1,1,1,2-Tetrachloroethane	0.403	0.365	9.4	95	0.00
76 T	p/m Xylene	0.677	0.616	9.0	95	0.00
77 T	o Xylene	0.645	0.581	9.9	94	0.00
78 T	Styrene	1.077	0.970	9.9	93	0.00
79 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	99	0.00
80 T	Bromoform	0.510	0.474	7.1	94	0.00
82 T	Isopropylbenzene	3.302	3.166	4.1	99	0.00
83 S	4-Bromofluorobenzene	0.879	0.937	-6.6	107	0.00
84 T	Bromobenzene	0.910	0.849	6.7	94	0.00
85 T	n-Propylbenzene	3.664	3.500	4.5	97	0.00
86 T	1,4-Dichlorobutane	1.127	1.189	-5.5	106	0.00
87 T	1,1,2,2-Tetrachloroethane	0.738	0.688	6.8	93	0.00
88 T	4-Ethyltoluene	3.182	3.131	1.6	100	0.00
89 T	2-Chlorotoluene	2.226	2.101	5.6	97	0.00

Evaluate Continuing Calibration Report

Data Path : I:\VOLATILES\VOA104\2017\170716A\
 Data File : V04170716A01.D
 Acq On : 16 Jul 2017 7:59
 Operator : VOA104:CBN
 Sample : WG1023153-2
 Misc : WG1023153,ICAL13672
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 16 08:33:08 2017
 Quant Method : I:\VOLATILES\VOA104\2017\170716A\V104_170517_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 18 06:45:13 2017
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.05min
 Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	1,3,5-Trimethylbenzene	2.765	2.624	5.1	97	0.00
91 T	1,2,3-Trichloropropane	0.543	0.532	2.0	97	0.00
92 T	trans-1,4-Dichloro-2-butene	0.203	0.201	1.0	98	0.00
93 T	4-Chlorotoluene	2.242	2.172	3.1	99	0.00
94 T	tert-Butylbenzene	2.324	2.194	5.6	96	0.00
97 T	1,2,4-Trimethylbenzene	2.763	2.656	3.9	96	0.00
98 T	sec-Butylbenzene	3.453	3.282	5.0	96	0.00
99 T	p-Isopropyltoluene	2.971	2.861	3.7	99	0.00
100 T	1,3-Dichlorobenzene	1.665	1.560	6.3	95	0.00
101 T	1,4-Dichlorobenzene	1.696	1.521	10.3	93	0.00
102 T	p-Diethylbenzene	1.741	1.736	0.3	102	0.00
103 T	n-Butylbenzene	2.591	2.517	2.9	99	0.00
104 T	1,2-Dichlorobenzene	1.549	1.442	6.9	93	0.00
105 T	1,2,4,5-Tetramethylbenzene	2.850	2.804	1.6	101	0.00
106 T	1,2-Dibromo-3-chloropropane	0.127	0.114	10.2	95	0.00
107 T	1,3,5-Trichlorobenzene	1.234	1.169	5.3	96	0.00
108 T	Hexachlorobutadiene	0.579	0.535	7.6	95	0.00
109 T	1,2,4-Trichlorobenzene	1.144	1.039	9.2	92	0.00
110 T	Naphthalene	2.459	2.243	8.8	92	0.00
111 T	1,2,3-Trichlorobenzene	1.060	0.988	6.8	94	0.00

* Evaluation of CC level amount vs concentration.
 (#) = Out of Range SPCC's out = 0 CCC's out = 1

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA104\2017\170716A\
 Data File : V04170716A01.D
 Acq On : 16 Jul 2017 7:59
 Operator : VOA104:CBN
 Sample : WG1023153-2
 Misc : WG1023153,ICAL13672
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 16 08:33:08 2017
 Quant Method : I:\VOLATILES\VOA104\2017\170716A\V104_170517_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 18 06:45:13 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA104\2017\170716A\V04170716A01.D
 Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	

Internal Standards							
1) Fluorobenzene	5.917	96	169470	20.000	ug/L	0.00	
Standard Area 1 = 169470			Recovery = 100.00%				
59) Chlorobenzene-d5	9.441	117	130956	20.000	ug/L	0.00	
Standard Area 1 = 130956			Recovery = 100.00%				
79) 1,4-Dichlorobenzene-d4	12.162	152	64627	20.000	ug/L	0.00	
Standard Area 1 = 64627			Recovery = 100.00%				
System Monitoring Compounds							
36) Dibromofluoromethane	5.125	113	46556	19.521	ug/L	0.00	
Spiked Amount 20.000	Range 70 - 130		Recovery = 97.61%				
43) 1,2-Dichloroethane-d4	5.645	65	45567	20.851	ug/L	0.00	
Spiked Amount 20.000	Range 70 - 130		Recovery = 104.25%				
60) Toluene-d8	7.595	98	164426	21.584	ug/L	0.00	
Spiked Amount 20.000	Range 70 - 130		Recovery = 107.92%				
83) 4-Bromofluorobenzene	10.945	95	60572	21.335	ug/L	0.00	
Spiked Amount 20.000	Range 70 - 130		Recovery = 106.68%				
Target Compounds							
							Qvalue
2) Dichlorodifluoromethane	1.628	85	39144	16.662	ug/L		98
3) Chloromethane	1.817	50	60697	16.137	ug/L		97
4) Vinyl chloride	1.885	62	48795	17.603	ug/L		98
5) Bromomethane	2.189	94	29220	17.338	ug/L		95
6) Chloroethane	2.305	64	25779	16.528	ug/L		93
7) Trichlorofluoromethane	2.431	101	60818	16.989	ug/L		100
8) Ethyl ether	2.724	74	19263	16.212	ug/L		88
10) 1,1-Dichloroethene	2.908	96	32723	14.321	ug/L		94
11) Carbon disulfide	2.929	76	127668	12.801	ug/L		99
12) Freon-113	2.939	101	36211	17.091	ug/L		92
14) Acrolein	3.233	56	7294	17.942	ug/L		100
15) Methylene chloride	3.453	84	45824	16.184	ug/L		96
17) Acetone	3.505	43	10865	18.983	ug/L		96
18) trans-1,2-Dichloroethene	3.600	96	41138	15.979	ug/L		86
19) Methyl acetate	3.616	43	26783	17.234	ug/L		99
20) Methyl tert-butyl ether	3.694	73	94536	13.757	ug/L		95
21) tert-Butyl alcohol	3.804	59	22051	85.354	ug/L		91
22) Diisopropyl ether	4.040	45	170199	17.532	ug/L		100
23) 1,1-Dichloroethane	4.177	63	84684	16.540	ug/L		99
24) Halothane	4.229	117	32264	16.421	ug/L #		100
25) Acrylonitrile	4.234	53	13796	17.666	ug/L		96

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA104\2017\170716A\
 Data File : V04170716A01.D
 Acq On : 16 Jul 2017 7:59
 Operator : VOA104:CBN
 Sample : WG1023153-2
 Misc : WG1023153,ICAL13672
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 16 08:33:08 2017
 Quant Method : I:\VOLATILES\VOA104\2017\170716A\V104_170517_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 18 06:45:13 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA104\2017\170716A\V04170716A01.D
 Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
26) Ethyl tert-butyl ether	4.381	59	155116	17.712	ug/L	97
27) Vinyl acetate	4.407	43	96144	17.698	ug/L	99
28) cis-1,2-Dichloroethene	4.690	96	48014	16.972	ug/L	86
29) 2,2-Dichloropropane	4.779	77	64442	17.156	ug/L	98
30) Bromochloromethane	4.879	128	24394	17.174	ug/L	90
31) Cyclohexane	4.858	56	77338	18.206	ug/L	92
32) Chloroform	4.947	83	79026	17.029	ug/L	99
33) Ethyl acetate	5.057	43	41268	17.936	ug/L	99
34) Carbon tetrachloride	5.068	117	63050	18.620	ug/L	99
35) Tetrahydrofuran	5.099	42	15833	20.902	ug/L	98
37) 1,1,1-Trichloroethane	5.136	97	70859	17.957	ug/L	95
39) 2-Butanone	5.251	43	16612	16.721	ug/L	96
40) 1,1-Dichloropropene	5.257	75	56687	17.448	ug/L	99
41) Benzene	5.503	78	162597	16.749	ug/L	99
42) tert-Amyl methyl ether	5.608	73	118462	18.204	ug/L	97
44) 1,2-Dichloroethane	5.713	62	63532	18.040	ug/L	99
47) Methyl cyclohexane	6.069	83	61765	18.226	ug/L	94
48) Trichloroethene	6.095	95	47242	17.914	ug/L	98
50) Dibromomethane	6.536	93	27513	17.654	ug/L	96
51) 1,2-Dichloropropane	6.641	63	51208	18.186	ug/L	95
53) 2-Chloroethyl vinyl ether	7.333	63	469	1.222	ug/L #	1
54) Bromodichloromethane	6.714	83	63684	18.375	ug/L	99
57) 1,4-Dioxane	6.929	88	22761	1037.684	ug/L	92
58) cis-1,3-Dichloropropene	7.396	75	72561	17.213	ug/L	99
61) Toluene	7.658	92	106141	18.648	ug/L	100
62) 4-Methyl-2-pentanone	8.098	58	16594	19.701	ug/L	91
63) Tetrachloroethene	8.098	166	51635	18.566	ug/L	97
65) trans-1,3-Dichloropropene	8.151	75	63185	19.287	ug/L	99
67) Ethyl methacrylate	8.329	69	51796	20.150	ug/L	98
68) 1,1,2-Trichloroethane	8.334	83	31514	18.404	ug/L	97
69) Chlorodibromomethane	8.539	129	49898	18.182	ug/L	99
70) 1,3-Dichloropropane	8.654	76	61961	18.700	ug/L	97
71) 1,2-Dibromoethane	8.817	107	40987	18.570	ug/L	99
72) 2-Hexanone	9.110	43	26800	19.409	ug/L	96
73) Chlorobenzene	9.461	112	126264	18.096	ug/L	99
74) Ethylbenzene	9.493	91	201839	18.447	ug/L	99
75) 1,1,1,2-Tetrachloroethane	9.545	131	47827	18.142	ug/L	98
76) p/m Xylene	9.682	106	161236	36.389	ug/L	98
77) o Xylene	10.222	106	152056	36.002	ug/L	99
78) Styrene	10.295	104	254016	36.015	ug/L	97

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA104\2017\170716A\
 Data File : V04170716A01.D
 Acq On : 16 Jul 2017 7:59
 Operator : VOA104:CBN
 Sample : WG1023153-2
 Misc : WG1023153,ICAL13672
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 16 08:33:08 2017
 Quant Method : I:\VOLATILES\VOA104\2017\170716A\V104_170517_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 18 06:45:13 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA104\2017\170716A\V04170716A01.D
 Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) Bromoform	10.327	173	30610	18.558	ug/L	99
82) Isopropylbenzene	10.610	105	204578	19.175	ug/L	98
84) Bromobenzene	11.055	156	54893	18.669	ug/L	98
85) n-Propylbenzene	11.097	91	226218	19.107	ug/L	99
86) 1,4-Dichlorobutane	11.129	55	76821	21.094	ug/L	98
87) 1,1,2,2-Tetrachloroethane	11.197	83	44456	18.651	ug/L	99
88) 4-Ethyltoluene	11.223	105	202315	19.677	ug/L	99
89) 2-Chlorotoluene	11.265	91	135753	18.873	ug/L	98
90) 1,3,5-Trimethylbenzene	11.323	105	169552	18.975	ug/L	98
91) 1,2,3-Trichloropropane	11.339	75	34361	19.598	ug/L	96
92) trans-1,4-Dichloro-2-b...	11.396	53	13000	19.796	ug/L	96
93) 4-Chlorotoluene	11.454	91	140365	19.376	ug/L	99
94) tert-Butylbenzene	11.664	119	141790	18.883	ug/L	98
97) 1,2,4-Trimethylbenzene	11.742	105	171680	19.230	ug/L	98
98) sec-Butylbenzene	11.852	105	212085	19.009	ug/L	98
99) p-Isopropyltoluene	12.010	119	184879	19.257	ug/L	98
100) 1,3-Dichlorobenzene	12.083	146	100843	18.743	ug/L	99
101) 1,4-Dichlorobenzene	12.177	146	98328	17.939	ug/L	99
102) p-Diethylbenzene	12.382	119	112203	19.945	ug/L	98
103) n-Butylbenzene	12.440	91	162650	19.431	ug/L	98
104) 1,2-Dichlorobenzene	12.602	146	93191	18.621	ug/L	99
105) 1,2,4,5-Tetramethylben...	13.179	119	181240	19.678	ug/L	96
106) 1,2-Dibromo-3-chloropr...	13.389	155	7356	17.935	ug/L	98
107) 1,3,5-Trichlorobenzene	13.410	180	75540	18.951	ug/L	98
108) Hexachlorobutadiene	13.981	225	34550	18.452	ug/L	99
109) 1,2,4-Trichlorobenzene	14.012	180	67131	18.163	ug/L	98
110) Naphthalene	14.306	128	144987	18.245	ug/L	100
111) 1,2,3-Trichlorobenzene	14.474	180	63883	18.658	ug/L	98

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

Manual Integration Report

Data Path : I:\VOLATILES\VOA104\2017\1QMethod : V104_170517_8260.m
Data File : V04170716A01.D Operator : VOA104:CBN
Date Inj'd : 7/16/2017 7:59 Instrument : VOA 104
Sample : WG1023153-2 Quant Date : 7/16/2017 8:33 am

There are no manual integrations or false positives in this file.

Evaluate Continuing Calibration Report

Data Path : I:\VOLATILES\VOA104\2017\170716A\
 Data File : V04170716A01.D
 Acq On : 16 Jul 2017 7:59
 Operator : VOA104:CBN
 Sample : WG1023156-2
 Misc : WG1023156,ICAL13672
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 16 08:33:08 2017
 Quant Method : I:\VOLATILES\VOA104\2017\170716A\V104_170517_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 18 06:45:13 2017
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.05min
 Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Fluorobenzene	1.000	1.000	0.0	117	0.00
2 T	Dichlorodifluoromethane	0.277	0.231	16.6	97	0.00
3 T	Chloromethane	0.444	0.358	19.4	95	0.00
4 C	Vinyl chloride	0.327	0.288	11.9	104	0.00
5 T	Bromomethane	* 20.000	17.338	13.3	113	0.00
6 T	Chloroethane	0.184	0.152	17.4	98	0.00
7 T	Trichlorofluoromethane	0.422	0.359	14.9	98	0.00
8 T	Ethyl ether	0.140	0.114	18.6	93	0.00
10 C	1,1-Dichloroethene	0.270	0.193	28.5#	86	0.00
11 T	Carbon disulfide	1.177	0.753	36.0#	70	0.00
12 T	Freon-113	0.250	0.214	14.4	96	0.00
14 T	Acrolein	0.048	0.043	10.4	102	0.00
15 T	Methylene chloride	0.334	0.270	19.2	97	0.00
17 T	Acetone	0.068	0.064	5.9	105	0.00
18 T	trans-1,2-Dichloroethene	0.304	0.243	20.1#	94	0.00
19 T	Methyl acetate	0.183	0.158	13.7	96	0.00
20 T	Methyl tert-butyl ether	0.811	0.558	31.2#	79	0.00
21 T	tert-Butyl alcohol	0.030	0.026	13.3	98	0.00
22 T	Diisopropyl ether	1.146	1.004	12.4	100	0.00
23 T	1,1-Dichloroethane	0.604	0.500	17.2	97	0.00
24 T	Halothane	0.232	0.190	18.1	96	0.00
25 T	Acrylonitrile	0.092	0.081	12.0	94	0.00
26 T	Ethyl tert-butyl ether	1.034	0.915	11.5	102	0.00
27 T	Vinyl acetate	0.641	0.567	11.5	97	0.00
28 T	cis-1,2-Dichloroethene	0.334	0.283	15.3	101	0.00
29 T	2,2-Dichloropropane	0.443	0.380	14.2	101	0.00
30 T	Bromochloromethane	0.168	0.144	14.3	96	0.00
31 T	Cyclohexane	0.501	0.456	9.0	103	0.00
32 C	Chloroform	0.548	0.466	15.0	100	0.00
33 T	Ethyl acetate	0.272	0.244	10.3	101	0.00
34 T	Carbon tetrachloride	0.400	0.372	7.0	108	0.00
35 T	Tetrahydrofuran	0.089	0.093	-4.5	124	0.00
36 S	Dibromofluoromethane	0.281	0.275	2.1	113	0.00
37 T	1,1,1-Trichloroethane	0.466	0.418	10.3	106	0.00
39 T	2-Butanone	0.117	0.098	16.2	87	0.00
40 T	1,1-Dichloropropene	0.383	0.334	12.8	98	0.00
41 T	Benzene	1.146	0.959	16.3	101	0.00
42 T	tert-Amyl methyl ether	0.768	0.699	9.0	106	0.00
43 S	1,2-Dichloroethane-d4	0.258	0.269	-4.3	122	0.00

Evaluate Continuing Calibration Report

Data Path : I:\VOLATILES\VOA104\2017\170716A\
 Data File : V04170716A01.D
 Acq On : 16 Jul 2017 7:59
 Operator : VOA104:CBN
 Sample : WG1023156-2
 Misc : WG1023156,ICAL13672
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 16 08:33:08 2017
 Quant Method : I:\VOLATILES\VOA104\2017\170716A\V104_170517_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 18 06:45:13 2017
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.05min
 Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
44 T	1,2-Dichloroethane	0.416	0.375	9.9	104	0.00
47 T	Methyl cyclohexane	0.400	0.364	9.0	108	0.00
48 T	Trichloroethene	0.311	0.279	10.3	105	0.00
50 T	Dibromomethane	0.184	0.162	12.0	101	0.00
51 C	1,2-Dichloropropane	0.332	0.302	9.0	104	0.00
53 T	2-Chloroethyl vinyl ether	0.04529	0.00277	93.9#	7#	-0.01
54 T	Bromodichloromethane	0.409	0.376	8.1	106	0.00
57 T	1,4-Dioxane	0.00259	0.00269	-3.9	116	0.00
58 T	cis-1,3-Dichloropropene	0.497	0.428	13.9	100	0.00
59 I	Chlorobenzene-d5	1.000	1.000	0.0	106	0.00
60 S	Toluene-d8	1.163	1.256	-8.0	112	0.00
61 C	Toluene	0.869	0.811	6.7	99	0.00
62 T	4-Methyl-2-pentanone	0.129	0.127	1.6	102	0.00
63 T	Tetrachloroethene	0.425	0.394	7.3	98	0.00
65 T	trans-1,3-Dichloropropene	0.500	0.482	3.6	100	0.00
67 T	Ethyl methacrylate	0.393	0.396	-0.8	100	0.00
68 T	1,1,2-Trichloroethane	0.262	0.241	8.0	93	0.00
69 T	Chlorodibromomethane	0.419	0.381	9.1	95	0.00
70 T	1,3-Dichloropropane	0.506	0.473	6.5	97	0.00
71 T	1,2-Dibromoethane	0.337	0.313	7.1	95	0.00
72 T	2-Hexanone	0.211	0.205	2.8	100	0.00
73 T	Chlorobenzene	1.066	0.964	9.6	96	0.00
74 C	Ethylbenzene	1.671	1.541	7.8	98	0.00
75 T	1,1,1,2-Tetrachloroethane	0.403	0.365	9.4	95	0.00
76 T	p/m Xylene	0.677	0.616	9.0	95	0.00
77 T	o Xylene	0.645	0.581	9.9	94	0.00
78 T	Styrene	1.077	0.970	9.9	93	0.00
79 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	99	0.00
80 T	Bromoform	0.510	0.474	7.1	94	0.00
82 T	Isopropylbenzene	3.302	3.166	4.1	99	0.00
83 S	4-Bromofluorobenzene	0.879	0.937	-6.6	107	0.00
84 T	Bromobenzene	0.910	0.849	6.7	94	0.00
85 T	n-Propylbenzene	3.664	3.500	4.5	97	0.00
86 T	1,4-Dichlorobutane	1.127	1.189	-5.5	106	0.00
87 T	1,1,2,2-Tetrachloroethane	0.738	0.688	6.8	93	0.00
88 T	4-Ethyltoluene	3.182	3.131	1.6	100	0.00
89 T	2-Chlorotoluene	2.226	2.101	5.6	97	0.00

Evaluate Continuing Calibration Report

Data Path : I:\VOLATILES\VOA104\2017\170716A\
 Data File : V04170716A01.D
 Acq On : 16 Jul 2017 7:59
 Operator : VOA104:CBN
 Sample : WG1023156-2
 Misc : WG1023156,ICAL13672
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 16 08:33:08 2017
 Quant Method : I:\VOLATILES\VOA104\2017\170716A\V104_170517_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 18 06:45:13 2017
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.05min
 Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	1,3,5-Trimethylbenzene	2.765	2.624	5.1	97	0.00
91 T	1,2,3-Trichloropropane	0.543	0.532	2.0	97	0.00
92 T	trans-1,4-Dichloro-2-butene	0.203	0.201	1.0	98	0.00
93 T	4-Chlorotoluene	2.242	2.172	3.1	99	0.00
94 T	tert-Butylbenzene	2.324	2.194	5.6	96	0.00
97 T	1,2,4-Trimethylbenzene	2.763	2.656	3.9	96	0.00
98 T	sec-Butylbenzene	3.453	3.282	5.0	96	0.00
99 T	p-Isopropyltoluene	2.971	2.861	3.7	99	0.00
100 T	1,3-Dichlorobenzene	1.665	1.560	6.3	95	0.00
101 T	1,4-Dichlorobenzene	1.696	1.521	10.3	93	0.00
102 T	p-Diethylbenzene	1.741	1.736	0.3	102	0.00
103 T	n-Butylbenzene	2.591	2.517	2.9	99	0.00
104 T	1,2-Dichlorobenzene	1.549	1.442	6.9	93	0.00
105 T	1,2,4,5-Tetramethylbenzene	2.850	2.804	1.6	101	0.00
106 T	1,2-Dibromo-3-chloropropane	0.127	0.114	10.2	95	0.00
107 T	1,3,5-Trichlorobenzene	1.234	1.169	5.3	96	0.00
108 T	Hexachlorobutadiene	0.579	0.535	7.6	95	0.00
109 T	1,2,4-Trichlorobenzene	1.144	1.039	9.2	92	0.00
110 T	Naphthalene	2.459	2.243	8.8	92	0.00
111 T	1,2,3-Trichlorobenzene	1.060	0.988	6.8	94	0.00

* Evaluation of CC level amount vs concentration.
 (#) = Out of Range SPCC's out = 0 CCC's out = 1

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA104\2017\170716A\
 Data File : V04170716A01.D
 Acq On : 16 Jul 2017 7:59
 Operator : VOA104:CBN
 Sample : WG1023156-2
 Misc : WG1023156,ICAL13672
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 16 08:33:08 2017
 Quant Method : I:\VOLATILES\VOA104\2017\170716A\V104_170517_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 18 06:45:13 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA104\2017\170716A\V04170716A01.D
 Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	

Internal Standards							
1) Fluorobenzene	5.917	96	169470	20.000	ug/L	0.00	
Standard Area 1 = 169470			Recovery = 100.00%				
59) Chlorobenzene-d5	9.441	117	130956	20.000	ug/L	0.00	
Standard Area 1 = 130956			Recovery = 100.00%				
79) 1,4-Dichlorobenzene-d4	12.162	152	64627	20.000	ug/L	0.00	
Standard Area 1 = 64627			Recovery = 100.00%				
System Monitoring Compounds							
36) Dibromofluoromethane	5.125	113	46556	19.521	ug/L	0.00	
Spiked Amount 20.000	Range 70 - 130		Recovery = 97.61%				
43) 1,2-Dichloroethane-d4	5.645	65	45567	20.851	ug/L	0.00	
Spiked Amount 20.000	Range 70 - 130		Recovery = 104.25%				
60) Toluene-d8	7.595	98	164426	21.584	ug/L	0.00	
Spiked Amount 20.000	Range 70 - 130		Recovery = 107.92%				
83) 4-Bromofluorobenzene	10.945	95	60572	21.335	ug/L	0.00	
Spiked Amount 20.000	Range 70 - 130		Recovery = 106.68%				
Target Compounds							
							Qvalue
2) Dichlorodifluoromethane	1.628	85	39144	16.662	ug/L		98
3) Chloromethane	1.817	50	60697	16.137	ug/L		97
4) Vinyl chloride	1.885	62	48795	17.603	ug/L		98
5) Bromomethane	2.189	94	29220	17.338	ug/L		95
6) Chloroethane	2.305	64	25779	16.528	ug/L		93
7) Trichlorofluoromethane	2.431	101	60818	16.989	ug/L		100
8) Ethyl ether	2.724	74	19263	16.212	ug/L		88
10) 1,1-Dichloroethene	2.908	96	32723	14.321	ug/L		94
11) Carbon disulfide	2.929	76	127668	12.801	ug/L		99
12) Freon-113	2.939	101	36211	17.091	ug/L		92
14) Acrolein	3.233	56	7294	17.942	ug/L		100
15) Methylene chloride	3.453	84	45824	16.184	ug/L		96
17) Acetone	3.505	43	10865	18.983	ug/L		96
18) trans-1,2-Dichloroethene	3.600	96	41138	15.979	ug/L		86
19) Methyl acetate	3.616	43	26783	17.234	ug/L		99
20) Methyl tert-butyl ether	3.694	73	94536	13.757	ug/L		95
21) tert-Butyl alcohol	3.804	59	22051	85.354	ug/L		91
22) Diisopropyl ether	4.040	45	170199	17.532	ug/L		100
23) 1,1-Dichloroethane	4.177	63	84684	16.540	ug/L		99
24) Halothane	4.229	117	32264	16.421	ug/L #		100
25) Acrylonitrile	4.234	53	13796	17.666	ug/L		96

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA104\2017\170716A\
 Data File : V04170716A01.D
 Acq On : 16 Jul 2017 7:59
 Operator : VOA104:CBN
 Sample : WG1023156-2
 Misc : WG1023156,ICAL13672
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 16 08:33:08 2017
 Quant Method : I:\VOLATILES\VOA104\2017\170716A\V104_170517_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 18 06:45:13 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA104\2017\170716A\V04170716A01.D
 Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
26) Ethyl tert-butyl ether	4.381	59	155116	17.712	ug/L	97
27) Vinyl acetate	4.407	43	96144	17.698	ug/L	99
28) cis-1,2-Dichloroethene	4.690	96	48014	16.972	ug/L	86
29) 2,2-Dichloropropane	4.779	77	64442	17.156	ug/L	98
30) Bromochloromethane	4.879	128	24394	17.174	ug/L	90
31) Cyclohexane	4.858	56	77338	18.206	ug/L	92
32) Chloroform	4.947	83	79026	17.029	ug/L	99
33) Ethyl acetate	5.057	43	41268	17.936	ug/L	99
34) Carbon tetrachloride	5.068	117	63050	18.620	ug/L	99
35) Tetrahydrofuran	5.099	42	15833	20.902	ug/L	98
37) 1,1,1-Trichloroethane	5.136	97	70859	17.957	ug/L	95
39) 2-Butanone	5.251	43	16612	16.721	ug/L	96
40) 1,1-Dichloropropene	5.257	75	56687	17.448	ug/L	99
41) Benzene	5.503	78	162597	16.749	ug/L	99
42) tert-Amyl methyl ether	5.608	73	118462	18.204	ug/L	97
44) 1,2-Dichloroethane	5.713	62	63532	18.040	ug/L	99
47) Methyl cyclohexane	6.069	83	61765	18.226	ug/L	94
48) Trichloroethene	6.095	95	47242	17.914	ug/L	98
50) Dibromomethane	6.536	93	27513	17.654	ug/L	96
51) 1,2-Dichloropropane	6.641	63	51208	18.186	ug/L	95
53) 2-Chloroethyl vinyl ether	7.333	63	469	1.222	ug/L #	1
54) Bromodichloromethane	6.714	83	63684	18.375	ug/L	99
57) 1,4-Dioxane	6.929	88	22761	1037.684	ug/L	92
58) cis-1,3-Dichloropropene	7.396	75	72561	17.213	ug/L	99
61) Toluene	7.658	92	106141	18.648	ug/L	100
62) 4-Methyl-2-pentanone	8.098	58	16594	19.701	ug/L	91
63) Tetrachloroethene	8.098	166	51635	18.566	ug/L	97
65) trans-1,3-Dichloropropene	8.151	75	63185	19.287	ug/L	99
67) Ethyl methacrylate	8.329	69	51796	20.150	ug/L	98
68) 1,1,2-Trichloroethane	8.334	83	31514	18.404	ug/L	97
69) Chlorodibromomethane	8.539	129	49898	18.182	ug/L	99
70) 1,3-Dichloropropane	8.654	76	61961	18.700	ug/L	97
71) 1,2-Dibromoethane	8.817	107	40987	18.570	ug/L	99
72) 2-Hexanone	9.110	43	26800	19.409	ug/L	96
73) Chlorobenzene	9.461	112	126264	18.096	ug/L	99
74) Ethylbenzene	9.493	91	201839	18.447	ug/L	99
75) 1,1,1,2-Tetrachloroethane	9.545	131	47827	18.142	ug/L	98
76) p/m Xylene	9.682	106	161236	36.389	ug/L	98
77) o Xylene	10.222	106	152056	36.002	ug/L	99
78) Styrene	10.295	104	254016	36.015	ug/L	97

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA104\2017\170716A\
 Data File : V04170716A01.D
 Acq On : 16 Jul 2017 7:59
 Operator : VOA104:CBN
 Sample : WG1023156-2
 Misc : WG1023156,ICAL13672
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 16 08:33:08 2017
 Quant Method : I:\VOLATILES\VOA104\2017\170716A\V104_170517_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 18 06:45:13 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA104\2017\170716A\V04170716A01.D
 Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) Bromoform	10.327	173	30610	18.558	ug/L	99
82) Isopropylbenzene	10.610	105	204578	19.175	ug/L	98
84) Bromobenzene	11.055	156	54893	18.669	ug/L	98
85) n-Propylbenzene	11.097	91	226218	19.107	ug/L	99
86) 1,4-Dichlorobutane	11.129	55	76821	21.094	ug/L	98
87) 1,1,2,2-Tetrachloroethane	11.197	83	44456	18.651	ug/L	99
88) 4-Ethyltoluene	11.223	105	202315	19.677	ug/L	99
89) 2-Chlorotoluene	11.265	91	135753	18.873	ug/L	98
90) 1,3,5-Trimethylbenzene	11.323	105	169552	18.975	ug/L	98
91) 1,2,3-Trichloropropane	11.339	75	34361	19.598	ug/L	96
92) trans-1,4-Dichloro-2-b...	11.396	53	13000	19.796	ug/L	96
93) 4-Chlorotoluene	11.454	91	140365	19.376	ug/L	99
94) tert-Butylbenzene	11.664	119	141790	18.883	ug/L	98
97) 1,2,4-Trimethylbenzene	11.742	105	171680	19.230	ug/L	98
98) sec-Butylbenzene	11.852	105	212085	19.009	ug/L	98
99) p-Isopropyltoluene	12.010	119	184879	19.257	ug/L	98
100) 1,3-Dichlorobenzene	12.083	146	100843	18.743	ug/L	99
101) 1,4-Dichlorobenzene	12.177	146	98328	17.939	ug/L	99
102) p-Diethylbenzene	12.382	119	112203	19.945	ug/L	98
103) n-Butylbenzene	12.440	91	162650	19.431	ug/L	98
104) 1,2-Dichlorobenzene	12.602	146	93191	18.621	ug/L	99
105) 1,2,4,5-Tetramethylben...	13.179	119	181240	19.678	ug/L	96
106) 1,2-Dibromo-3-chloropr...	13.389	155	7356	17.935	ug/L	98
107) 1,3,5-Trichlorobenzene	13.410	180	75540	18.951	ug/L	98
108) Hexachlorobutadiene	13.981	225	34550	18.452	ug/L	99
109) 1,2,4-Trichlorobenzene	14.012	180	67131	18.163	ug/L	98
110) Naphthalene	14.306	128	144987	18.245	ug/L	100
111) 1,2,3-Trichlorobenzene	14.474	180	63883	18.658	ug/L	98

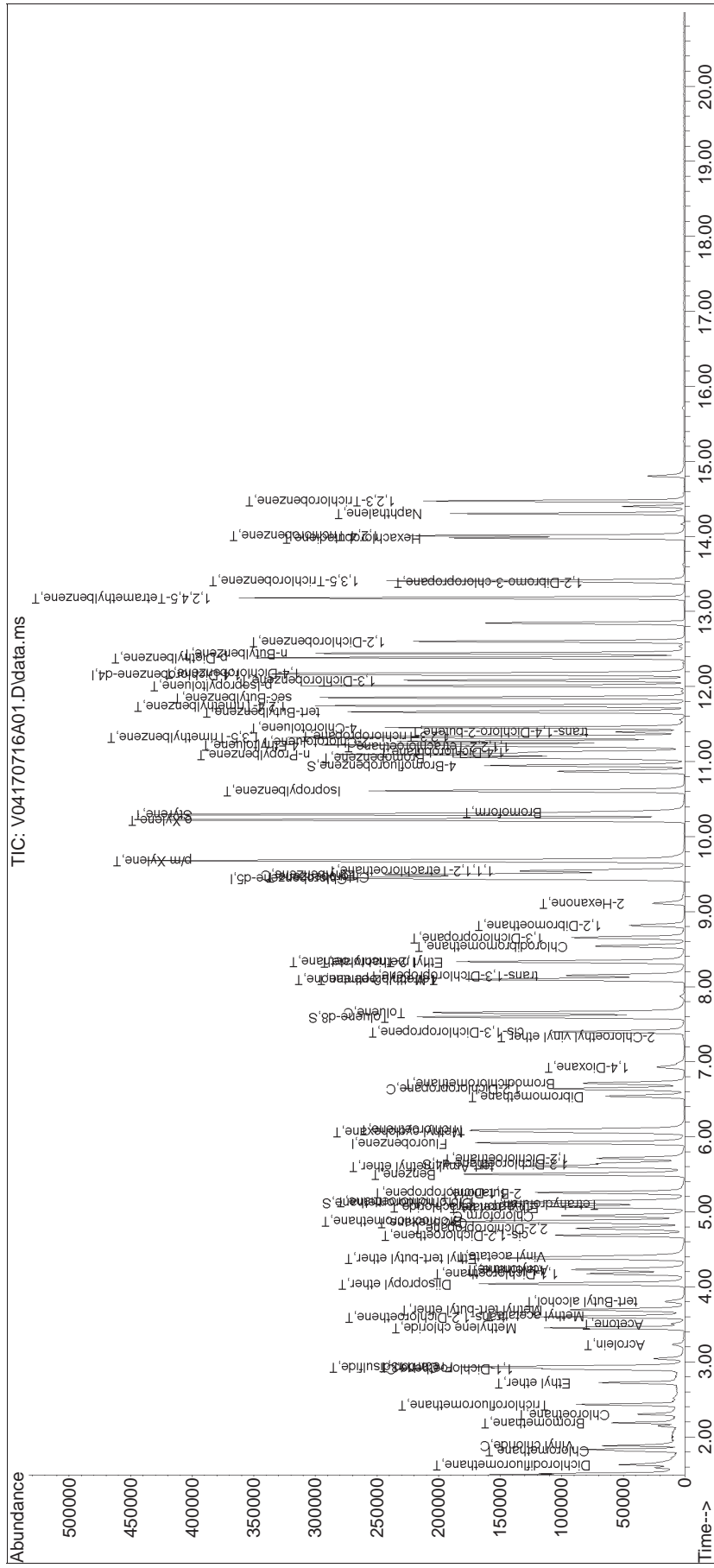
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA104\2017\170716A\
 Data File : V04170716A01.D
 Acq On : 16 Jul 2017 7:59
 Operator : VOA104:CBN
 Sample : WG1023156-2
 Misc : WG1023156,ICAL13672
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 16 08:33:08 2017
 Quant Method : I:\VOLATILES\VOA104\2017\170716A\V104_170517_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 18 06:45:13 2017
 Response via : Initial Calibration

Sub List : 8260-CurveSoil - Megamix plus Diox6A\V04170716A01.D•



Manual Integration Report

Data Path : I:\VOLATILES\VOA104\2017\1QMethod : V104_170517_8260.m
Data File : V04170716A01.D Operator : VOA104:CBN
Date Inj'd : 7/16/2017 7:59 Instrument : VOA 104
Sample : WG1023156-2 Quant Date : 7/16/2017 8:33 am

There are no manual integrations or false positives in this file.

Evaluate Continuing Calibration Report

Data Path : I:\VOLATILES\VOA101\2017\170717A\
 Data File : V01170717A02.D
 Acq On : 17 Jul 2017 10:08
 Operator : VOA101:PD
 Sample : WG1023276-2
 Misc : WG1023276,ICAL13786
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 17 10:32:22 2017
 Quant Method : I:\VOLATILES\VOA101\2017\170717A\V101_170629B_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Fri Jun 30 16:37:53 2017
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Fluorobenzene	1.000	1.000	0.0	75	0.00
2 T	Dichlorodifluoromethane	0.169	0.179	-5.9	79	0.00
3 T	Chloromethane	0.268	0.232	13.4	66	0.00
4 C	Vinyl chloride	0.246	0.223	9.3	68	0.00
5 T	Bromomethane	* 10.000	9.127	8.7	82	0.00
6 T	Chloroethane	0.139	0.128	7.9	66	0.00
7 T	Trichlorofluoromethane	0.291	0.334	-14.8	84	0.00
8 T	Ethyl ether	0.079	0.078	1.3	71	0.00
10 C	1,1-Dichloroethene	0.164	0.160	2.4	72	0.00
11 T	Carbon disulfide	0.493	0.449	8.9	68	0.00
12 T	Freon-113	0.153	0.159	-3.9	76	0.00
13 T	Iodomethane	* 10.000	6.388	36.1#	67	0.00
14 T	Acrolein	0.023	0.020	13.0	67	0.00
15 T	Methylene chloride	0.190	0.182	4.2	72	0.00
17 T	Acetone	0.029	0.030	-3.4	76	0.00
18 T	trans-1,2-Dichloroethene	0.195	0.193	1.0	74	0.00
19 T	Methyl acetate	0.074	0.066	10.8	69	0.00
20 T	Methyl tert-butyl ether	0.391	0.414	-5.9	78	0.00
21 T	tert-Butyl alcohol	0.00854	0.00876	-2.6	76	0.00
22 T	Diisopropyl ether	0.829	0.728	12.2	64	0.00
23 T	1,1-Dichloroethane	0.462	0.436	5.6	70	0.00
24 T	Halothane	0.137	0.138	-0.7	74	0.00
25 T	Acrylonitrile	0.048	0.043	10.4	68	0.00
26 T	Ethyl tert-butyl ether	0.624	0.615	1.4	72	0.00
27 T	Vinyl acetate	* 10.000	9.348	6.5	70	0.00
28 T	cis-1,2-Dichloroethene	0.214	0.210	1.9	73	0.00
29 T	2,2-Dichloropropane	0.303	0.322	-6.3	79	0.00
30 T	Bromochloromethane	0.079	0.085	-7.6	76	0.00
31 T	Cyclohexane	0.488	0.436	10.7	64	0.00
32 C	Chloroform	0.357	0.367	-2.8	76	0.00
33 T	Ethyl acetate	0.116	0.104	10.3	63	0.00
34 T	Carbon tetrachloride	0.274	0.310	-13.1	84	0.00
35 T	Tetrahydrofuran	0.044	0.040	9.1	63	0.00
36 S	Dibromofluoromethane	0.232	0.259	-11.6	84	0.00
37 T	1,1,1-Trichloroethane	0.324	0.356	-9.9	80	0.00
39 T	2-Butanone	0.053	0.052	1.9	67	0.00
40 T	1,1-Dichloropropene	0.307	0.301	2.0	71	0.00
41 T	Benzene	0.870	0.800	8.0	68	0.00
42 T	tert-Amyl methyl ether	0.416	0.412	1.0	72	0.00

Evaluate Continuing Calibration Report

Data Path : I:\VOLATILES\VOA101\2017\170717A\
 Data File : V01170717A02.D
 Acq On : 17 Jul 2017 10:08
 Operator : VOA101:PD
 Sample : WG1023276-2
 Misc : WG1023276,ICAL13786
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 17 10:32:22 2017
 Quant Method : I:\VOLATILES\VOA101\2017\170717A\V101_170629B_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Fri Jun 30 16:37:53 2017
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
43 S	1,2-Dichloroethane-d4	0.268	0.324	-20.9#	92	0.00
44 T	1,2-Dichloroethane	0.252	0.284	-12.7	82	0.00
47 T	Methyl cyclohexane	0.338	0.318	5.9	67	0.00
48 T	Trichloroethene	0.219	0.216	1.4	72	0.00
50 T	Dibromomethane	0.087	0.092	-5.7	74	0.00
51 C	1,2-Dichloropropane	0.261	0.239	8.4	65	0.00
53 T	2-Chloroethyl vinyl ether	* 10.000	11.810	-18.1	94	0.00
54 T	Bromodichloromethane	0.254	0.269	-5.9	76	0.00
57 T	1,4-Dioxane	0.00084	0.00100	-19.0	83	0.00
58 T	cis-1,3-Dichloropropene	0.300	0.302	-0.7	72	0.00
59 I	Chlorobenzene-d5	1.000	1.000	0.0	79	0.00
60 S	Toluene-d8	1.338	1.306	2.4	78	0.00
61 C	Toluene	0.742	0.671	9.6	70	0.00
62 T	4-Methyl-2-pentanone	0.065	0.054	16.9	65	0.00
63 T	Tetrachloroethene	0.286	0.290	-1.4	77	0.00
65 T	trans-1,3-Dichloropropene	* 10.000	8.921	10.8	75	0.00
67 T	Ethyl methacrylate	* 10.000	8.015	19.8	69	0.00
68 T	1,1,2-Trichloroethane	0.150	0.136	9.3	68	0.00
69 T	Chlorodibromomethane	0.197	0.203	-3.0	79	0.00
70 T	1,3-Dichloropropane	0.330	0.304	7.9	69	0.00
71 T	1,2-Dibromoethane	0.154	0.153	0.6	73	0.00
72 T	2-Hexanone	0.100	0.080	20.0#	64	0.00
73 T	Chlorobenzene	0.815	0.763	6.4	73	0.00
74 C	Ethylbenzene	1.463	1.324	9.5	69	0.00
75 T	1,1,1,2-Tetrachloroethane	0.251	0.251	0.0	77	0.00
76 T	p/m Xylene	0.567	0.534	5.8	71	0.00
77 T	o Xylene	0.519	0.489	5.8	71	0.00
78 T	Styrene	0.819	0.779	4.9	70	0.00
79 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	80	0.00
80 T	Bromoform	0.193	0.185	4.1	76	0.00
82 T	Isopropylbenzene	3.070	2.721	11.4	71	0.00
83 S	4-Bromofluorobenzene	1.008	0.955	5.3	78	0.00
84 T	Bromobenzene	0.560	0.518	7.5	74	0.00
85 T	n-Propylbenzene	3.621	3.085	14.8	68	0.00
86 T	1,4-Dichlorobutane	0.830	0.727	12.4	67	0.00
87 T	1,1,2,2-Tetrachloroethane	0.355	0.304	14.4	64	0.00
88 T	4-Ethyltoluene	2.859	2.521	11.8	70	0.00

Evaluate Continuing Calibration Report

Data Path : I:\VOLATILES\VOA101\2017\170717A\
 Data File : V01170717A02.D
 Acq On : 17 Jul 2017 10:08
 Operator : VOA101:PD
 Sample : WG1023276-2
 Misc : WG1023276,ICAL13786
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 17 10:32:22 2017
 Quant Method : I:\VOLATILES\VOA101\2017\170717A\V101_170629B_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Fri Jun 30 16:37:53 2017
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
89 T	2-Chlorotoluene	2.057	1.791	12.9	69	0.00
90 T	1,3,5-Trimethylbenzene	2.397	2.152	10.2	71	0.00
91 T	1,2,3-Trichloropropane	0.307	0.270	12.1	71	0.00
92 T	trans-1,4-Dichloro-2-butene	0.108	0.114	-5.6	81	0.00
93 T	4-Chlorotoluene	2.083	1.819	12.7	69	0.00
94 T	tert-Butylbenzene	2.047	1.846	9.8	71	0.00
97 T	1,2,4-Trimethylbenzene	2.375	2.142	9.8	71	0.00
98 T	sec-Butylbenzene	2.935	2.572	12.4	69	0.00
99 T	p-Isopropyltoluene	2.427	2.196	9.5	71	0.00
100 T	1,3-Dichlorobenzene	1.151	1.073	6.8	73	0.00
101 T	1,4-Dichlorobenzene	1.174	1.070	8.9	72	0.00
102 T	p-Diethylbenzene	1.339	1.198	10.5	70	0.00
103 T	n-Butylbenzene	2.112	1.823	13.7	68	0.00
104 T	1,2-Dichlorobenzene	0.955	0.882	7.6	71	0.00
105 T	1,2,4,5-Tetramethylbenzene	1.688	1.533	9.2	71	0.00
106 T	1,2-Dibromo-3-chloropropane	0.034	0.029	14.7	70	0.00
107 T	1,3,5-Trichlorobenzene	0.556	0.526	5.4	74	0.00
108 T	Hexachlorobutadiene	0.175	0.170	2.9	80	0.00
109 T	1,2,4-Trichlorobenzene	0.349	0.318	8.9	71	0.00
110 T	Naphthalene	0.500	0.447	10.6	70	0.00
111 T	1,2,3-Trichlorobenzene	0.164	0.157	4.3	75	-0.01

* Evaluation of CC level amount vs concentration.

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2017\170717A\
 Data File : V01170717A02.D
 Acq On : 17 Jul 2017 10:08
 Operator : VOA101:PD
 Sample : WG1023276-2
 Misc : WG1023276,ICAL13786
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 17 10:32:22 2017
 Quant Method : I:\VOLATILES\VOA101\2017\170717A\V101_170629B_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Fri Jun 30 16:37:53 2017
 Response via : Initial Calibration

Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	

Internal Standards							
1) Fluorobenzene	5.950	96	290727	10.000	ug/L	0.00	
59) Chlorobenzene-d5	9.759	117	229670	10.000	ug/L	0.00	
79) 1,4-Dichlorobenzene-d4	12.672	152	121874	10.000	ug/L	0.00	
System Monitoring Compounds							
36) Dibromofluoromethane	5.099	113	75301	11.184	ug/L	0.00	
Spiked Amount	10.000		Range 70 - 130	Recovery =	111.84%		
43) 1,2-Dichloroethane-d4	5.655	65	94252	12.079	ug/L	0.00	
Spiked Amount	10.000		Range 70 - 130	Recovery =	120.79%		
60) Toluene-d8	7.762	98	299860	9.760	ug/L	0.00	
Spiked Amount	10.000		Range 70 - 130	Recovery =	97.60%		
83) 4-Bromofluorobenzene	11.352	95	116413	9.477	ug/L	0.00	
Spiked Amount	10.000		Range 70 - 130	Recovery =	94.77%		
Target Compounds							
2) Dichlorodifluoromethane	1.536	85	52150	10.612	ug/L	99	Qvalue
3) Chloromethane	1.716	50	67431	8.657	ug/L	98	
4) Vinyl chloride	1.787	62	64874	9.080	ug/L	98	
5) Bromomethane	2.082	94	19803	9.127	ug/L	99	
6) Chloroethane	2.191	64	37082	9.149	ug/L	95	
7) Trichlorofluoromethane	2.327	101	97028	11.469	ug/L	99	
8) Ethyl ether	2.611	74	22570	9.883	ug/L #	66	
10) 1,1-Dichloroethene	2.802	96	46513	9.782	ug/L #	61	
11) Carbon disulfide	2.835	76	130617	9.122	ug/L	99	
12) Freon-113	2.840	101	46177	10.391	ug/L #	59	
13) Iodomethane	2.938	142	32681	6.388	ug/L	99	
14) Acrolein	3.124	56	5889	8.744	ug/L	83	
15) Methylene chloride	3.353	84	52773	9.551	ug/L	78	
17) Acetone	3.402	43	8734	10.252	ug/L	98	
18) trans-1,2-Dichloroethene	3.506	96	56035	9.887	ug/L	75	
19) Methyl acetate	3.517	43	19124M1	8.834	ug/L		
20) Methyl tert-butyl ether	3.598	73	120338	10.584	ug/L	92	
21) tert-Butyl alcohol	3.691	59	12730	51.276	ug/L	92	
22) Diisopropyl ether	3.964	45	211508	8.773	ug/L	94	
23) 1,1-Dichloroethane	4.100	63	126826	9.447	ug/L	97	
24) Halothane	4.149	117	40162	10.063	ug/L	97	
25) Acrylonitrile	4.160	53	12524	8.905	ug/L	93	
26) Ethyl tert-butyl ether	4.319	59	178788	9.854	ug/L	92	
27) Vinyl acetate	4.346	43	102125	9.348	ug/L	96	
28) cis-1,2-Dichloroethene	4.641	96	60953	9.775	ug/L #	77	

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2017\170717A\
 Data File : V01170717A02.D
 Acq On : 17 Jul 2017 10:08
 Operator : VOA101:PD
 Sample : WG1023276-2
 Misc : WG1023276,ICAL13786
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 17 10:32:22 2017
 Quant Method : I:\VOLATILES\VOA101\2017\170717A\V101_170629B_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Fri Jun 30 16:37:53 2017
 Response via : Initial Calibration

Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) 2,2-Dichloropropane	4.739	77	93606	10.621	ug/L	97
30) Bromochloromethane	4.842	128	24813	10.836	ug/L	87
31) Cyclohexane	4.832	56	126752	8.934	ug/L	76
32) Chloroform	4.913	83	106710	10.287	ug/L	98
33) Ethyl acetate	5.033	43	30243	8.944	ug/L #	91
34) Carbon tetrachloride	5.050	117	90124	11.303	ug/L	99
35) Tetrahydrofuran	5.066	42	11602	9.161	ug/L	95
37) 1,1,1-Trichloroethane	5.115	97	103373	10.989	ug/L	95
39) 2-Butanone	5.230	43	15007M1	9.692	ug/L	
40) 1,1-Dichloropropene	5.246	75	87651	9.833	ug/L	100
41) Benzene	5.508	78	232526	9.197	ug/L #	90
42) tert-Amyl methyl ether	5.617	73	119786	9.910	ug/L #	85
44) 1,2-Dichloroethane	5.726	62	82585	11.276	ug/L	96
47) Methyl cyclohexane	6.125	83	92440	9.411	ug/L #	66
48) Trichloroethene	6.141	95	62934	9.865	ug/L	91
50) Dibromomethane	6.616	93	26718	10.567	ug/L	93
51) 1,2-Dichloropropane	6.719	63	69352	9.125	ug/L	97
53) 2-Chloroethyl vinyl ether	7.472	63	16304	11.810	ug/L	89
54) Bromodichloromethane	6.801	83	78328	10.591	ug/L	98
57) 1,4-Dioxane	7.025	88	14476	596.115	ug/L #	78
58) cis-1,3-Dichloropropene	7.543	75	87826	10.065	ug/L	94
61) Toluene	7.822	92	154018	9.042	ug/L	96
62) 4-Methyl-2-pentanone	8.302	58	12407	8.296	ug/L	87
63) Tetrachloroethene	8.307	166	66612	10.123	ug/L	97
65) trans-1,3-Dichloropropene	8.351	75	71174	8.921	ug/L	99
67) Ethyl methacrylate	8.553	69	44520	8.015	ug/L	97
68) 1,1,2-Trichloroethane	8.547	83	31247	9.081	ug/L	98
69) Chlorodibromomethane	8.782	129	46639	10.319	ug/L	96
70) 1,3-Dichloropropane	8.897	76	69821	9.210	ug/L	100
71) 1,2-Dibromoethane	9.077	107	35162	9.941	ug/L	98
72) 2-Hexanone	9.399	43	18348M1	7.985	ug/L	
73) Chlorobenzene	9.786	112	175200	9.364	ug/L	97
74) Ethylbenzene	9.819	91	304020	9.045	ug/L	96
75) 1,1,1,2-Tetrachloroethane	9.873	131	57667	9.985	ug/L	98
76) p/m Xylene	10.021	106	245085	18.829	ug/L	86
77) o Xylene	10.593	106	224567	18.826	ug/L	86
78) Styrene	10.664	104	358012	19.044	ug/L	97
80) Bromoform	10.697	173	22562	9.595	ug/L	100
82) Isopropylbenzene	10.997	105	331560	8.862	ug/L	100
84) Bromobenzene	11.472	156	63109	9.254	ug/L	99
85) n-Propylbenzene	11.510	91	375958	8.519	ug/L	95

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2017\170717A\
 Data File : V01170717A02.D
 Acq On : 17 Jul 2017 10:08
 Operator : VOA101:PD
 Sample : WG1023276-2
 Misc : WG1023276,ICAL13786
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 17 10:32:22 2017
 Quant Method : I:\VOLATILES\VOA101\2017\170717A\V101_170629B_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Fri Jun 30 16:37:53 2017
 Response via : Initial Calibration

Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
86) 1,4-Dichlorobutane	11.537	55	88610	8.757	ug/L	97
87) 1,1,2,2-Tetrachloroethane	11.614	83	37016	8.548	ug/L	100
88) 4-Ethyltoluene	11.647	105	307238	8.818	ug/L	100
89) 2-Chlorotoluene	11.701	91	218216M1	8.702	ug/L	
90) 1,3,5-Trimethylbenzene	11.750	105	262226	8.976	ug/L	97
91) 1,2,3-Trichloropropane	11.767	75	32925M1	8.811	ug/L	
92) trans-1,4-Dichloro-2-b...	11.827	53	13833M1	10.508	ug/L	
93) 4-Chlorotoluene	11.898	91	221719	8.734	ug/L	92
94) tert-Butylbenzene	12.121	119	225033	9.020	ug/L	91
97) 1,2,4-Trimethylbenzene	12.214	105	261067	9.020	ug/L	97
98) sec-Butylbenzene	12.329	105	313518	8.763	ug/L	97
99) p-Isopropyltoluene	12.498	119	267578	9.048	ug/L	96
100) 1,3-Dichlorobenzene	12.585	146	130762	9.323	ug/L	98
101) 1,4-Dichlorobenzene	12.689	146	130385	9.112	ug/L	98
102) p-Diethylbenzene	12.907	119	146029	8.947	ug/L	97
103) n-Butylbenzene	12.972	91	222178	8.631	ug/L	98
104) 1,2-Dichlorobenzene	13.158	146	107457	9.234	ug/L	99
105) 1,2,4,5-Tetramethylben...	13.791	119	186843	9.080	ug/L	94
106) 1,2-Dibromo-3-chloropr...	14.026	155	3570	8.573	ug/L	88
107) 1,3,5-Trichlorobenzene	14.053	180	64087	9.454	ug/L	95
108) Hexachlorobutadiene	14.686	225	20723	9.706	ug/L	99
109) 1,2,4-Trichlorobenzene	14.724	180	38716	9.096	ug/L	96
110) Naphthalene	15.062	128	54525	8.949	ug/L	100
111) 1,2,3-Trichlorobenzene	15.248	180	19074	9.543	ug/L	96

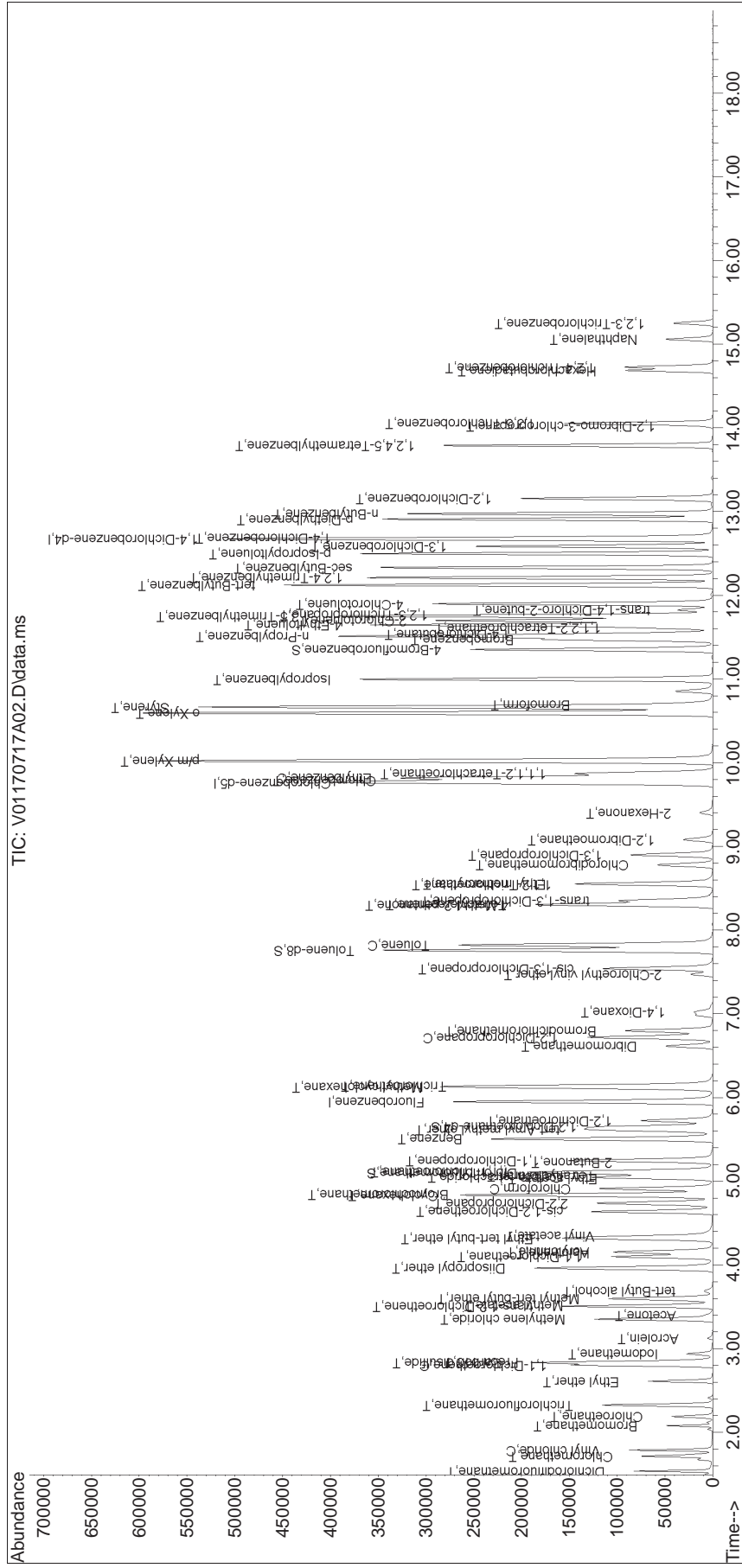
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2017\170717A\
 Data File : V01170717A02.D
 Acq On : 17 Jul 2017 10:08
 Operator : VOA101:PD
 Sample : WG1023276-2
 Misc : WG1023276,ICAL13786
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 17 10:32:22 2017
 Quant Method : I:\VOLATILES\VOA101\2017\170717A\170629B_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Fri Jun 30 16:37:53 2017
 Response via : Initial Calibration

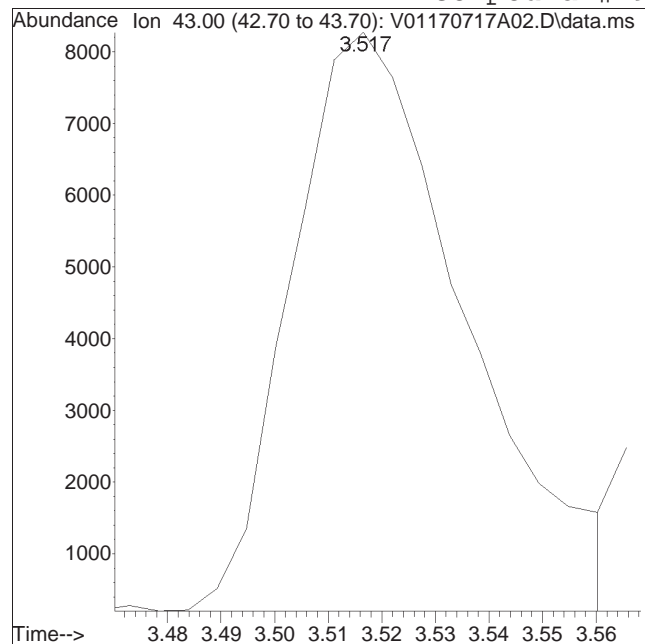
Sub List : 8260-Curve - Megamix plus Diox



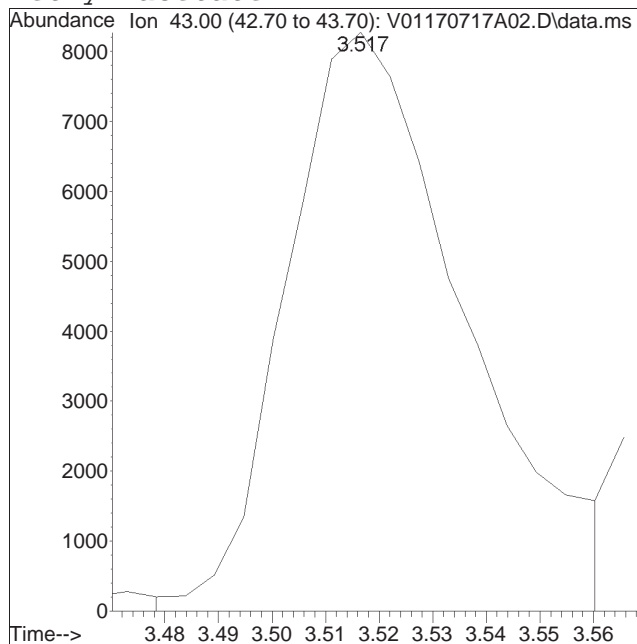
Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2017\1QMethod : V101_170629B_8260.m
Data File : V01170717A02.D Operator : VOA101:PD
Date Inj'd : 7/17/2017 10:08 Instrument : VOA 101
Sample : WG1023276-2 Quant Date : 7/17/2017 10:31 am

Compound #19: Methyl acetate



Original Peak Response = 18123



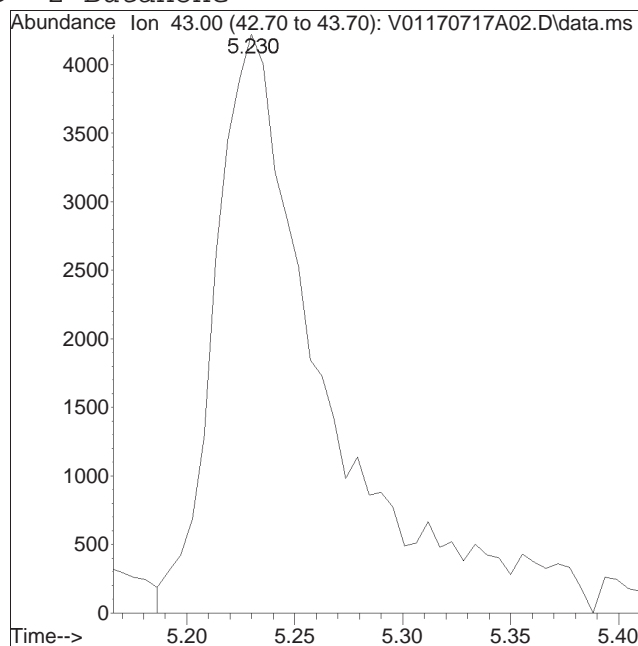
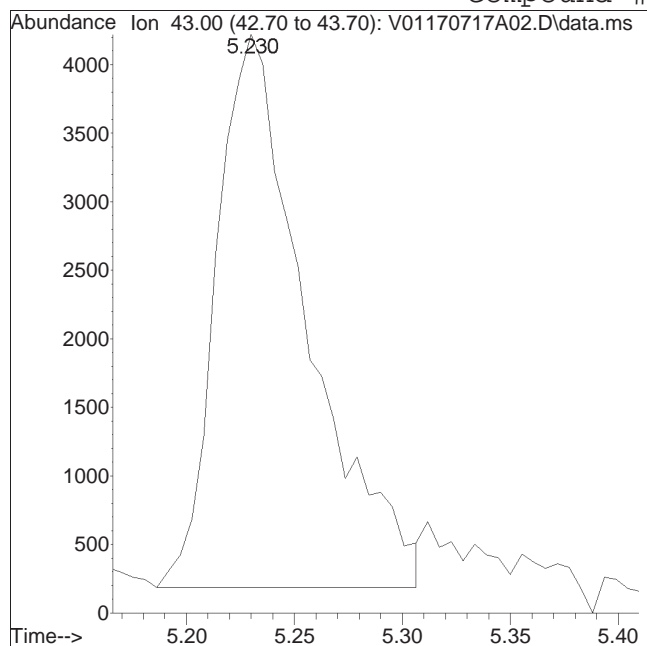
Manual Peak Response = 19124 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2017\1QMethod : V101_170629B_8260.m
Data File : V01170717A02.D Operator : VOA101:PD
Date Inj'd : 7/17/2017 10:08 Instrument : VOA 101
Sample : WG1023276-2 Quant Date : 7/17/2017 10:31 am

Compound #39: 2-Butanone



Original Peak Response = 11806

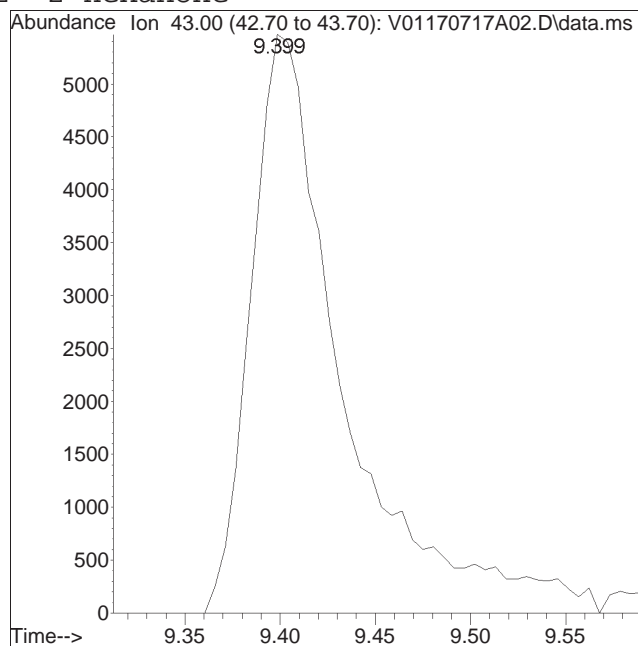
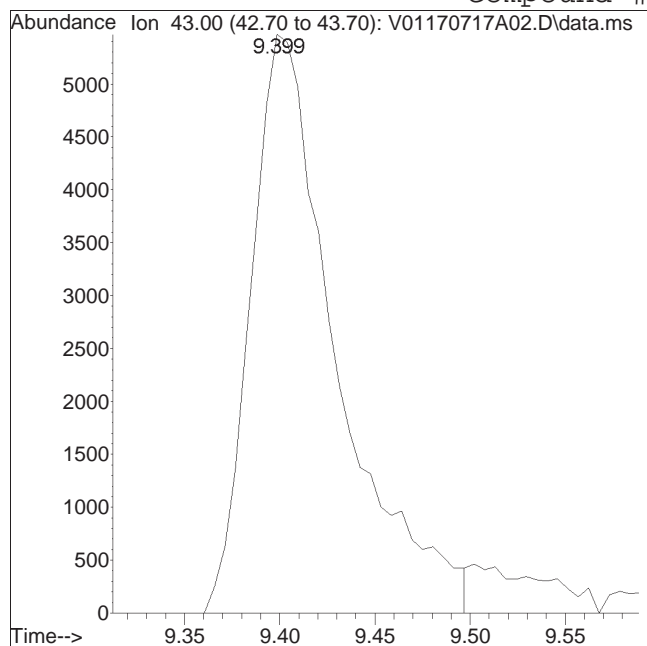
Manual Peak Response = 15007 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2017\1QMethod : V101_170629B_8260.m
Data File : V01170717A02.D Operator : VOA101:PD
Date Inj'd : 7/17/2017 10:08 Instrument : VOA 101
Sample : WG1023276-2 Quant Date : 7/17/2017 10:31 am

Compound #72: 2-Hexanone



Original Peak Response = 17084

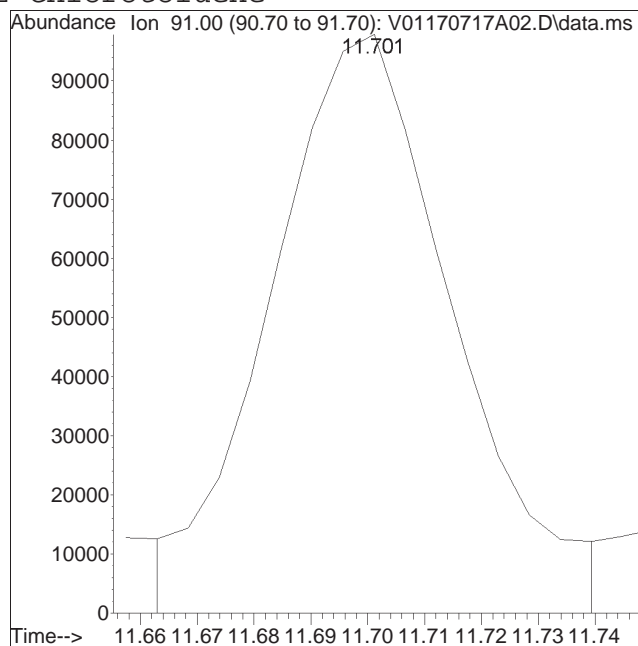
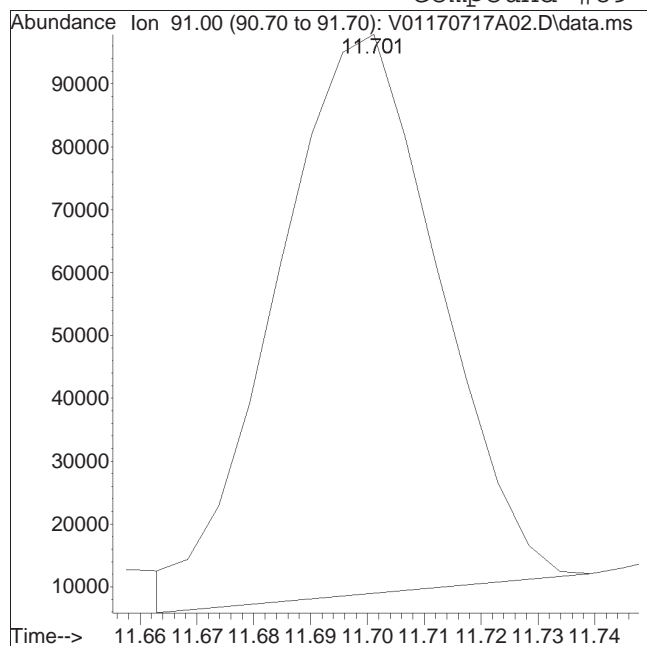
Manual Peak Response = 18348 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2017\1QMethod : V101_170629B_8260.m
Data File : V01170717A02.D Operator : VOA101:PD
Date Inj'd : 7/17/2017 10:08 Instrument : VOA 101
Sample : WG1023276-2 Quant Date : 7/17/2017 10:31 am

Compound #89: 2-Chlorotoluene



Original Peak Response = 176955

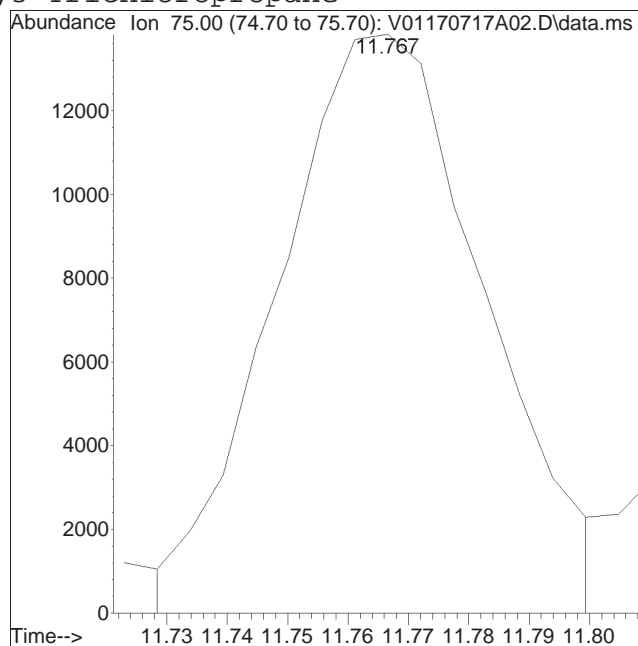
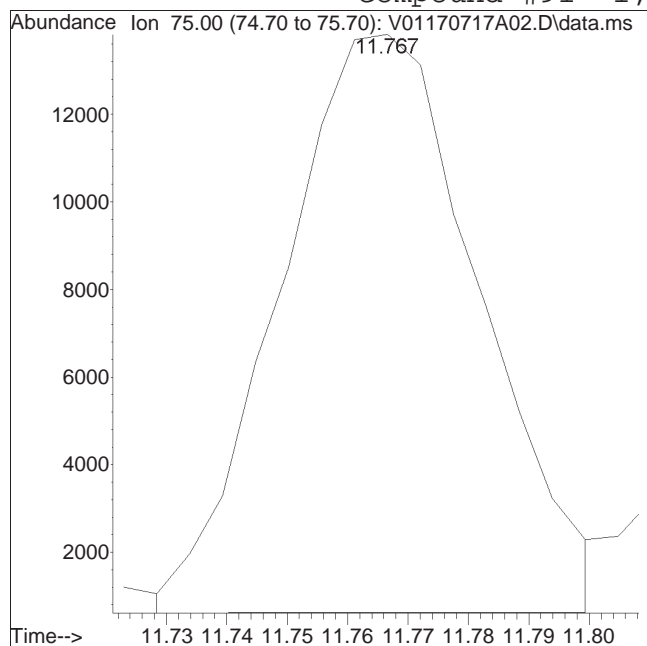
Manual Peak Response = 218216 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2017\1QMethod : V101_170629B_8260.m
Data File : V01170717A02.D Operator : VOA101:PD
Date Inj'd : 7/17/2017 10:08 Instrument : VOA 101
Sample : WG1023276-2 Quant Date : 7/17/2017 10:31 am

Compound #91: 1,2,3-Trichloropropane



Original Peak Response = 30292

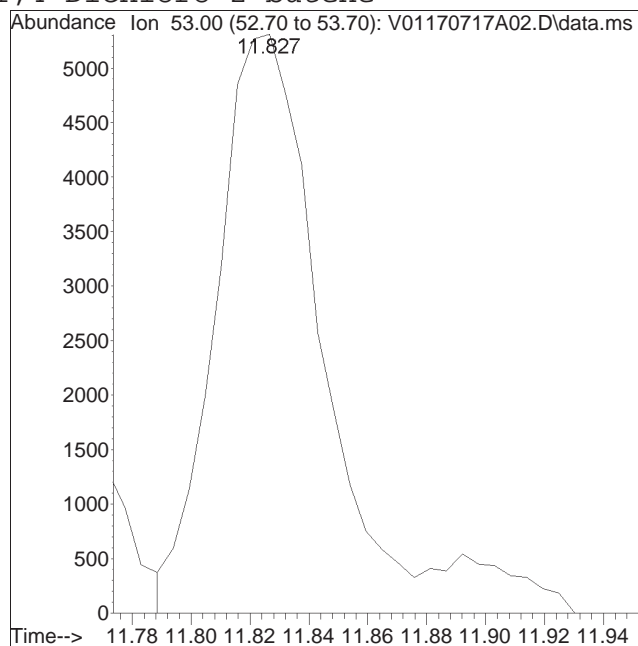
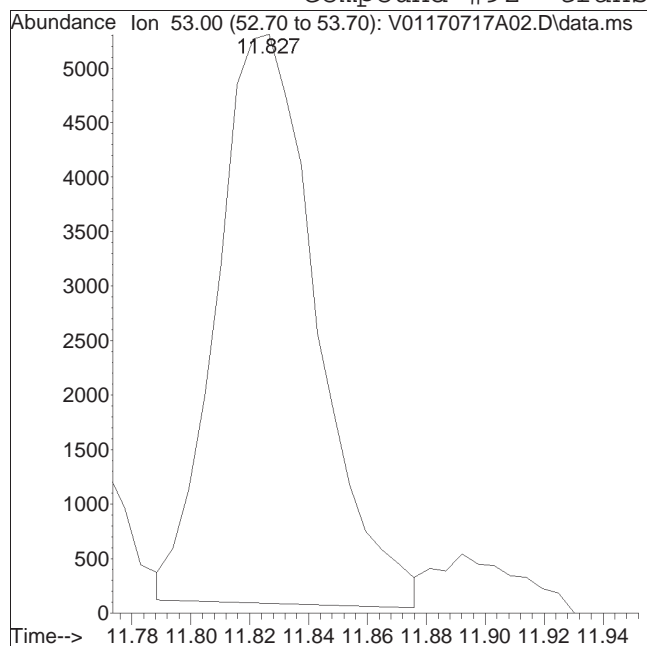
Manual Peak Response = 32925 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2017\1QMethod : V101_170629B_8260.m
Data File : V01170717A02.D Operator : VOA101:PD
Date Inj'd : 7/17/2017 10:08 Instrument : VOA 101
Sample : WG1023276-2 Quant Date : 7/17/2017 10:31 am

Compound #92: trans-1,4-Dichloro-2-butene



M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Evaluate Continuing Calibration Report

Data Path : I:\VOLATILES\VOA101\2017\170717N\
 Data File : V01170717N02.D
 Acq On : 17 Jul 2017 8:40 pm
 Operator : VOA101:PK
 Sample : WG1023473-2
 Misc : WG1023473,ICAL13786
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 17 22:10:54 2017
 Quant Method : I:\VOLATILES\VOA101\2017\170717N\V101_170629B_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Fri Jun 30 16:37:53 2017
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Fluorobenzene	1.000	1.000	0.0	73	0.00
2 T	Dichlorodifluoromethane	0.169	0.150	11.2	64	0.00
3 T	Chloromethane	0.268	0.229	14.6	63	0.00
4 C	Vinyl chloride	0.246	0.217	11.8	64	0.00
5 T	Bromomethane	* 10.000	9.337	6.6	81	0.00
6 T	Chloroethane	0.139	0.132	5.0	65	0.00
7 T	Trichlorofluoromethane	0.291	0.311	-6.9	76	0.00
8 T	Ethyl ether	0.079	0.078	1.3	70	0.00
10 C	1,1-Dichloroethene	0.164	0.162	1.2	71	0.00
11 T	Carbon disulfide	0.493	0.458	7.1	67	0.00
12 T	Freon-113	0.153	0.148	3.3	68	0.00
13 T	Iodomethane	* 10.000	7.567	24.3#	78	0.00
14 T	Acrolein	0.023	0.019	17.4	61	0.00
15 T	Methylene chloride	0.190	0.188	1.1	72	0.00
17 T	Acetone	0.029	0.032	-10.3	79	0.00
18 T	trans-1,2-Dichloroethene	0.195	0.195	0.0	72	0.00
19 T	Methyl acetate	0.074	0.065	12.2	67	0.00
20 T	Methyl tert-butyl ether	0.391	0.413	-5.6	75	0.00
21 T	tert-Butyl alcohol	0.00854	0.00782	8.4	66	0.00
22 T	Diisopropyl ether	0.829	0.740	10.7	63	0.00
23 T	1,1-Dichloroethane	0.462	0.453	1.9	70	0.00
24 T	Halothane	0.137	0.142	-3.6	74	0.00
25 T	Acrylonitrile	0.048	0.044	8.3	67	0.00
26 T	Ethyl tert-butyl ether	0.624	0.618	1.0	70	0.00
27 T	Vinyl acetate	* 10.000	9.380	6.2	68	0.00
28 T	cis-1,2-Dichloroethene	0.214	0.218	-1.9	73	0.00
29 T	2,2-Dichloropropane	0.303	0.333	-9.9	79	0.00
30 T	Bromochloromethane	0.079	0.089	-12.7	77	0.00
31 T	Cyclohexane	0.488	0.414	15.2	59	0.00
32 C	Chloroform	0.357	0.379	-6.2	76	0.00
33 T	Ethyl acetate	0.116	0.102	12.1	59	0.00
34 T	Carbon tetrachloride	0.274	0.305	-11.3	80	0.00
35 T	Tetrahydrofuran	0.044	0.039	11.4	59	0.00
36 S	Dibromofluoromethane	0.232	0.254	-9.5	80	0.00
37 T	1,1,1-Trichloroethane	0.324	0.362	-11.7	79	0.00
39 T	2-Butanone	0.053	0.044	17.0	55	0.00
40 T	1,1-Dichloropropene	0.307	0.306	0.3	70	0.00
41 T	Benzene	0.870	0.845	2.9	69	0.00
42 T	tert-Amyl methyl ether	0.416	0.421	-1.2	71	0.00

Evaluate Continuing Calibration Report

Data Path : I:\VOLATILES\VOA101\2017\170717N\
 Data File : V01170717N02.D
 Acq On : 17 Jul 2017 8:40 pm
 Operator : VOA101:PK
 Sample : WG1023473-2
 Misc : WG1023473,ICAL13786
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 17 22:10:54 2017
 Quant Method : I:\VOLATILES\VOA101\2017\170717N\V101_170629B_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Fri Jun 30 16:37:53 2017
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
43 S	1,2-Dichloroethane-d4	0.268	0.299	-11.6	82	0.00
44 T	1,2-Dichloroethane	0.252	0.287	-13.9	80	0.00
47 T	Methyl cyclohexane	0.338	0.303	10.4	61	0.00
48 T	Trichloroethene	0.219	0.229	-4.6	73	0.00
50 T	Dibromomethane	0.087	0.096	-10.3	75	0.00
51 C	1,2-Dichloropropane	0.261	0.246	5.7	65	0.00
53 T	2-Chloroethyl vinyl ether	* 10.000	12.051	-20.5#	93	0.00
54 T	Bromodichloromethane	0.254	0.276	-8.7	75	0.00
57 T	1,4-Dioxane	0.00084	0.00089	-6.0	72	0.00
58 T	cis-1,3-Dichloropropene	0.300	0.314	-4.7	72	0.00
59 I	Chlorobenzene-d5	1.000	1.000	0.0	77	0.00
60 S	Toluene-d8	1.338	1.296	3.1	76	0.00
61 C	Toluene	0.742	0.695	6.3	71	0.00
62 T	4-Methyl-2-pentanone	0.065	0.054	16.9	64	0.00
63 T	Tetrachloroethene	0.286	0.297	-3.8	77	0.00
65 T	trans-1,3-Dichloropropene	* 10.000	9.064	9.4	75	0.00
67 T	Ethyl methacrylate	* 10.000	8.259	17.4	70	0.00
68 T	1,1,2-Trichloroethane	0.150	0.137	8.7	67	0.00
69 T	Chlorodibromomethane	0.197	0.205	-4.1	78	0.00
70 T	1,3-Dichloropropane	0.330	0.313	5.2	70	0.00
71 T	1,2-Dibromoethane	0.154	0.157	-1.9	73	0.00
72 T	2-Hexanone	0.100	0.076	24.0#	59	0.00
73 T	Chlorobenzene	0.815	0.791	2.9	74	0.00
74 C	Ethylbenzene	1.463	1.380	5.7	71	0.00
75 T	1,1,1,2-Tetrachloroethane	0.251	0.260	-3.6	78	0.00
76 T	p/m Xylene	0.567	0.561	1.1	73	0.00
77 T	o Xylene	0.519	0.515	0.8	73	0.00
78 T	Styrene	0.819	0.812	0.9	71	0.00
79 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	77	0.00
80 T	Bromoform	0.193	0.185	4.1	74	0.00
82 T	Isopropylbenzene	3.070	2.823	8.0	71	0.00
83 S	4-Bromofluorobenzene	1.008	0.956	5.2	76	0.00
84 T	Bromobenzene	0.560	0.534	4.6	74	0.00
85 T	n-Propylbenzene	3.621	3.187	12.0	68	0.00
86 T	1,4-Dichlorobutane	0.830	0.728	12.3	65	0.00
87 T	1,1,2,2-Tetrachloroethane	0.355	0.302	14.9	62	0.00
88 T	4-Ethyltoluene	2.859	2.635	7.8	71	0.00

Evaluate Continuing Calibration Report

Data Path : I:\VOLATILES\VOA101\2017\170717N\
 Data File : V01170717N02.D
 Acq On : 17 Jul 2017 8:40 pm
 Operator : VOA101:PK
 Sample : WG1023473-2
 Misc : WG1023473,ICAL13786
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 17 22:10:54 2017
 Quant Method : I:\VOLATILES\VOA101\2017\170717N\V101_170629B_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Fri Jun 30 16:37:53 2017
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
89 T	2-Chlorotoluene	2.057	1.897	7.8	71	0.00
90 T	1,3,5-Trimethylbenzene	2.397	2.218	7.5	71	0.00
91 T	1,2,3-Trichloropropane	0.307	0.280	8.8	71	0.00
92 T	trans-1,4-Dichloro-2-butene	0.108	0.088	18.5	60	0.00
93 T	4-Chlorotoluene	2.083	1.891	9.2	70	0.00
94 T	tert-Butylbenzene	2.047	1.921	6.2	72	0.00
97 T	1,2,4-Trimethylbenzene	2.375	2.226	6.3	71	0.00
98 T	sec-Butylbenzene	2.935	2.602	11.3	68	0.00
99 T	p-Isopropyltoluene	2.427	2.253	7.2	71	0.00
100 T	1,3-Dichlorobenzene	1.151	1.107	3.8	73	0.00
101 T	1,4-Dichlorobenzene	1.174	1.113	5.2	73	0.00
102 T	p-Diethylbenzene	1.339	1.256	6.2	71	0.00
103 T	n-Butylbenzene	2.112	1.843	12.7	67	0.00
104 T	1,2-Dichlorobenzene	0.955	0.910	4.7	71	0.00
105 T	1,2,4,5-Tetramethylbenzene	1.688	1.602	5.1	72	0.00
106 T	1,2-Dibromo-3-chloropropane	0.034	0.029	14.7	67	0.00
107 T	1,3,5-Trichlorobenzene	0.556	0.524	5.8	71	0.00
108 T	Hexachlorobutadiene	0.175	0.169	3.4	77	0.00
109 T	1,2,4-Trichlorobenzene	0.349	0.313	10.3	68	0.00
110 T	Naphthalene	0.500	0.415	17.0	63	0.00
111 T	1,2,3-Trichlorobenzene	0.164	0.141	14.0	65	0.00

* Evaluation of CC level amount vs concentration.

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2017\170717N\
 Data File : V01170717N02.D
 Acq On : 17 Jul 2017 8:40 pm
 Operator : VOA101:PK
 Sample : WG1023473-2
 Misc : WG1023473,ICAL13786
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 17 22:10:54 2017
 Quant Method : I:\VOLATILES\VOA101\2017\170717N\V101_170629B_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Fri Jun 30 16:37:53 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2017\170717N\V01170717N02.D
 Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	

Internal Standards							
1) Fluorobenzene	5.950	96	281033	10.000	ug/L	0.00	
Standard Area 1 = 281033			Recovery	=	100.00%		
59) Chlorobenzene-d5	9.759	117	224158	10.000	ug/L	0.00	
Standard Area 1 = 224158			Recovery	=	100.00%		
79) 1,4-Dichlorobenzene-d4	12.667	152	118176	10.000	ug/L	0.00	
Standard Area 1 = 118176			Recovery	=	100.00%		
System Monitoring Compounds							
36) Dibromofluoromethane	5.099	113	71269	10.950	ug/L	0.00	
Spiked Amount 10.000	Range 70 - 130		Recovery	=	109.50%		
43) 1,2-Dichloroethane-d4	5.650	65	83912	11.125	ug/L	0.00	
Spiked Amount 10.000	Range 70 - 130		Recovery	=	111.25%		
60) Toluene-d8	7.762	98	290476	9.688	ug/L	0.00	
Spiked Amount 10.000	Range 70 - 130		Recovery	=	96.88%		
83) 4-Bromofluorobenzene	11.352	95	112997	9.487	ug/L	0.00	
Spiked Amount 10.000	Range 70 - 130		Recovery	=	94.87%		
Target Compounds							
							Qvalue
2) Dichlorodifluoromethane	1.536	85	42196	8.882	ug/L		99
3) Chloromethane	1.716	50	64242	8.532	ug/L		99
4) Vinyl chloride	1.787	62	61023	8.835	ug/L		100
5) Bromomethane	2.081	94	19606	9.337	ug/L		99
6) Chloroethane	2.191	64	36970	9.436	ug/L		95
7) Trichlorofluoromethane	2.327	101	87318	10.678	ug/L		99
8) Ethyl ether	2.611	74	22027	9.978	ug/L		70
10) 1,1-Dichloroethene	2.802	96	45584	9.917	ug/L	#	65
11) Carbon disulfide	2.834	76	128641	9.294	ug/L		100
12) Freon-113	2.840	101	41555	9.674	ug/L	#	69
13) Iodomethane	2.938	142	38172	7.567	ug/L		99
14) Acrolein	3.124	56	5384	8.270	ug/L		89
15) Methylene chloride	3.353	84	52709	9.869	ug/L		78
17) Acetone	3.396	43	9119	11.074	ug/L		96
18) trans-1,2-Dichloroethene	3.511	96	54746	9.992	ug/L	#	70
19) Methyl acetate	3.517	43	18374M1	8.780	ug/L		
20) Methyl tert-butyl ether	3.598	73	116016	10.556	ug/L		92
21) tert-Butyl alcohol	3.691	59	10994	45.811	ug/L		94
22) Diisopropyl ether	3.964	45	207913	8.922	ug/L		94
23) 1,1-Dichloroethane	4.100	63	127425	9.819	ug/L		97
24) Halothane	4.155	117	39828	10.323	ug/L		99

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2017\170717N\
 Data File : V01170717N02.D
 Acq On : 17 Jul 2017 8:40 pm
 Operator : VOA101:PK
 Sample : WG1023473-2
 Misc : WG1023473,ICAL13786
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 17 22:10:54 2017
 Quant Method : I:\VOLATILES\VOA101\2017\170717N\V101_170629B_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Fri Jun 30 16:37:53 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2017\170717N\V01170717N02.D
 Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) Acrylonitrile	4.155	53	12404	9.124	ug/L	94
26) Ethyl tert-butyl ether	4.319	59	173639	9.901	ug/L	92
27) Vinyl acetate	4.346	43	99095	9.380	ug/L	96
28) cis-1,2-Dichloroethene	4.641	96	61352	10.178	ug/L #	77
29) 2,2-Dichloropropane	4.739	77	93488	10.974	ug/L	97
30) Bromochloromethane	4.837	128	25134	11.355	ug/L	87
31) Cyclohexane	4.832	56	116362	8.485	ug/L	76
32) Chloroform	4.913	83	106530	10.624	ug/L	97
33) Ethyl acetate	5.033	43	28645	8.764	ug/L #	92
34) Carbon tetrachloride	5.050	117	85799	11.132	ug/L	98
35) Tetrahydrofuran	5.066	42	10966	8.958	ug/L	92
37) 1,1,1-Trichloroethane	5.115	97	101633	11.177	ug/L	94
39) 2-Butanone	5.224	43	12312M1	8.226	ug/L	
40) 1,1-Dichloropropene	5.246	75	85859	9.964	ug/L	99
41) Benzene	5.508	78	237359	9.712	ug/L #	91
42) tert-Amyl methyl ether	5.617	73	118181	10.115	ug/L #	87
44) 1,2-Dichloroethane	5.726	62	80528	11.374	ug/L	96
47) Methyl cyclohexane	6.125	83	85074	8.960	ug/L #	70
48) Trichloroethene	6.141	95	64397	10.442	ug/L	91
50) Dibromomethane	6.616	93	27024	11.056	ug/L	94
51) 1,2-Dichloropropane	6.719	63	69261	9.427	ug/L	97
53) 2-Chloroethyl vinyl ether	7.472	63	16121	12.051	ug/L	96
54) Bromodichloromethane	6.801	83	77486	10.839	ug/L	98
57) 1,4-Dioxane	7.030	88	12466	531.052	ug/L #	80
58) cis-1,3-Dichloropropene	7.543	75	88137	10.449	ug/L	95
61) Toluene	7.822	92	155865	9.376	ug/L	96
62) 4-Methyl-2-pentanone	8.302	58	12093	8.285	ug/L	87
63) Tetrachloroethene	8.302	166	66567	10.365	ug/L	96
65) trans-1,3-Dichloropropene	8.356	75	70627	9.064	ug/L	97
67) Ethyl methacrylate	8.553	69	44857	8.259	ug/L	99
68) 1,1,2-Trichloroethane	8.558	83	30702	9.142	ug/L	99
69) Chlorodibromomethane	8.776	129	45897	10.405	ug/L	96
70) 1,3-Dichloropropane	8.896	76	70206	9.489	ug/L	100
71) 1,2-Dibromoethane	9.082	107	35161	10.185	ug/L	99
72) 2-Hexanone	9.404	43	17029	7.593	ug/L	93
73) Chlorobenzene	9.780	112	177363	9.713	ug/L	98
74) Ethylbenzene	9.819	91	309247	9.427	ug/L	95
75) 1,1,1,2-Tetrachloroethane	9.873	131	58223	10.329	ug/L	98
76) p/m Xylene	10.021	106	251711	19.814	ug/L	85
77) o Xylene	10.593	106	230926	19.836	ug/L	85

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2017\170717N\
 Data File : V01170717N02.D
 Acq On : 17 Jul 2017 8:40 pm
 Operator : VOA101:PK
 Sample : WG1023473-2
 Misc : WG1023473,ICAL13786
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 17 22:10:54 2017
 Quant Method : I:\VOLATILES\VOA101\2017\170717N\V101_170629B_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Fri Jun 30 16:37:53 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2017\170717N\V01170717N02.D
 Sub List : 8260-Curve - Megamix plus Diox

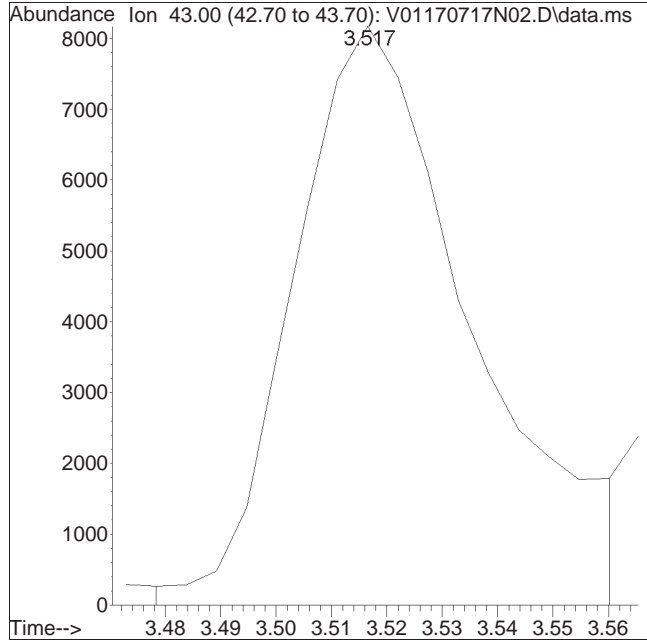
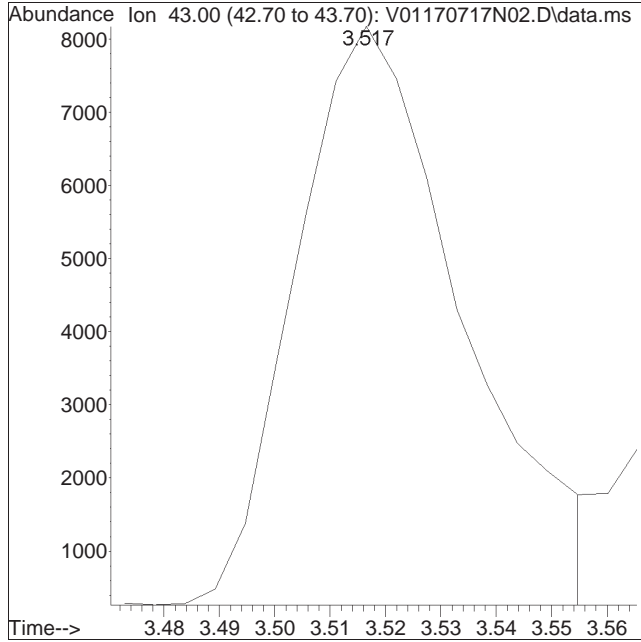
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
78) Styrene	10.664	104	364008	19.839	ug/L	96
80) Bromoform	10.697	173	21845	9.581	ug/L	98
82) Isopropylbenzene	10.997	105	333666	9.197	ug/L	100
84) Bromobenzene	11.472	156	63083	9.539	ug/L	99
85) n-Propylbenzene	11.510	91	376607	8.800	ug/L	95
86) 1,4-Dichlorobutane	11.537	55	85978	8.763	ug/L	97
87) 1,1,2,2-Tetrachloroethane	11.614	83	35659	8.492	ug/L	99
88) 4-Ethyltoluene	11.647	105	311342	9.215	ug/L	99
89) 2-Chlorotoluene	11.696	91	224196M1	9.221	ug/L	
90) 1,3,5-Trimethylbenzene	11.756	105	262165	9.254	ug/L	96
91) 1,2,3-Trichloropropane	11.767	75	33082M1	9.130	ug/L	
92) trans-1,4-Dichloro-2-b...	11.821	53	10380	8.132	ug/L	84
93) 4-Chlorotoluene	11.898	91	223503	9.080	ug/L	92
94) tert-Butylbenzene	12.127	119	226981	9.383	ug/L	91
97) 1,2,4-Trimethylbenzene	12.209	105	263063	9.374	ug/L	97
98) sec-Butylbenzene	12.329	105	307503	8.864	ug/L	98
99) p-Isopropyltoluene	12.498	119	266212	9.284	ug/L	96
100) 1,3-Dichlorobenzene	12.585	146	130792	9.617	ug/L	98
101) 1,4-Dichlorobenzene	12.689	146	131555	9.481	ug/L	98
102) p-Diethylbenzene	12.907	119	148376	9.375	ug/L	96
103) n-Butylbenzene	12.978	91	217852	8.728	ug/L	97
104) 1,2-Dichlorobenzene	13.158	146	107483	9.525	ug/L	98
105) 1,2,4,5-Tetramethylben...	13.791	119	189330	9.489	ug/L	95
106) 1,2-Dibromo-3-chloropr...	14.025	155	3400	8.420	ug/L	98
107) 1,3,5-Trichlorobenzene	14.053	180	61968	9.427	ug/L	96
108) Hexachlorobutadiene	14.686	225	19934	9.629	ug/L	97
109) 1,2,4-Trichlorobenzene	14.729	180	36977	8.959	ug/L	99
110) Naphthalene	15.062	128	49032	8.300	ug/L	100
111) 1,2,3-Trichlorobenzene	15.253	180	16688	8.610	ug/L	98

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

Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2017\1QMethod : V101_170629B_8260.m
Data File : V01170717N02.D Operator : VOA101:PK
Date Inj'd : 7/17/2017 8:40 pm Instrument : VOA 101
Sample : WG1023473-2 Quant Date : 7/17/2017 9:04 pm

Compound #19: Methyl acetate



Original Peak Response = 16562

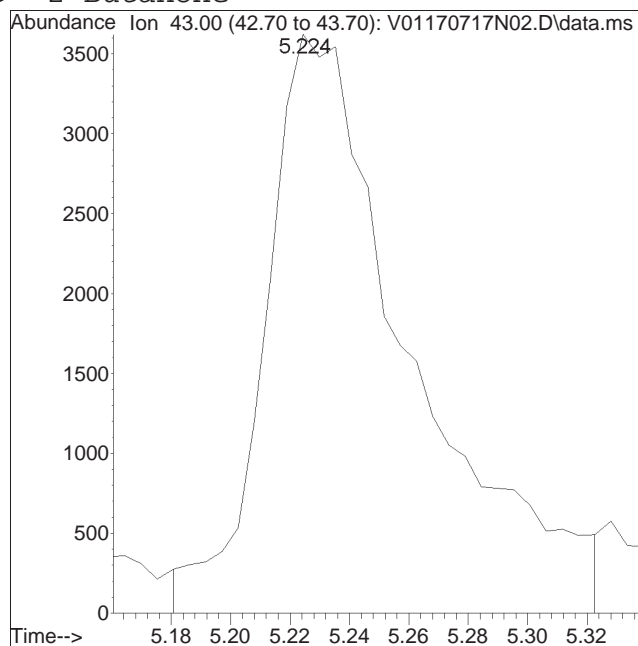
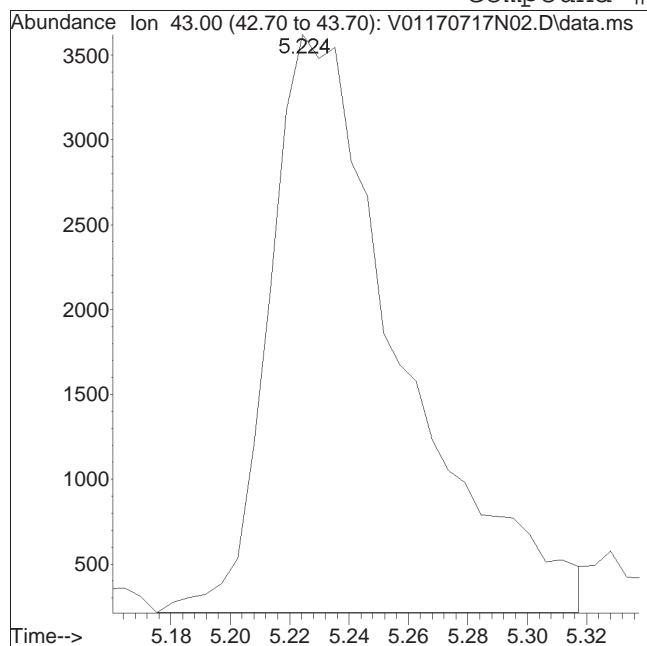
Manual Peak Response = 18374 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2017\1QMethod : V101_170629B_8260.m
Data File : V01170717N02.D Operator : VOA101:PK
Date Inj'd : 7/17/2017 8:40 pm Instrument : VOA 101
Sample : WG1023473-2 Quant Date : 7/17/2017 9:04 pm

Compound #39: 2-Butanone



Original Peak Response = 10432

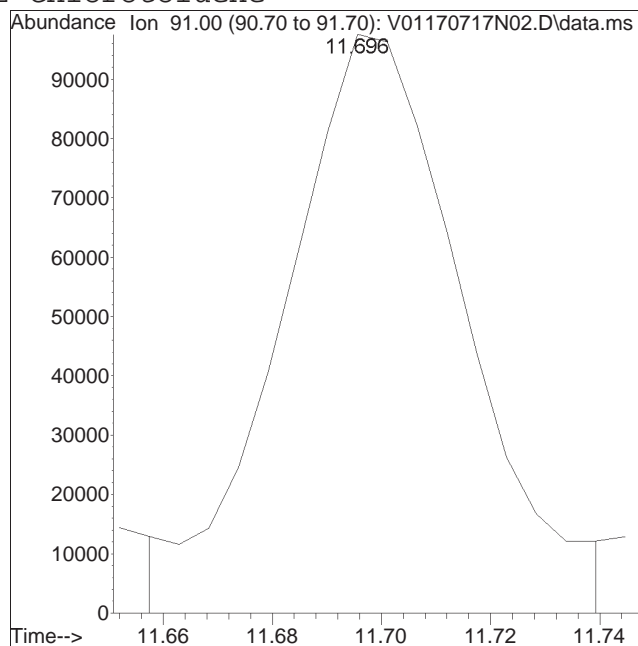
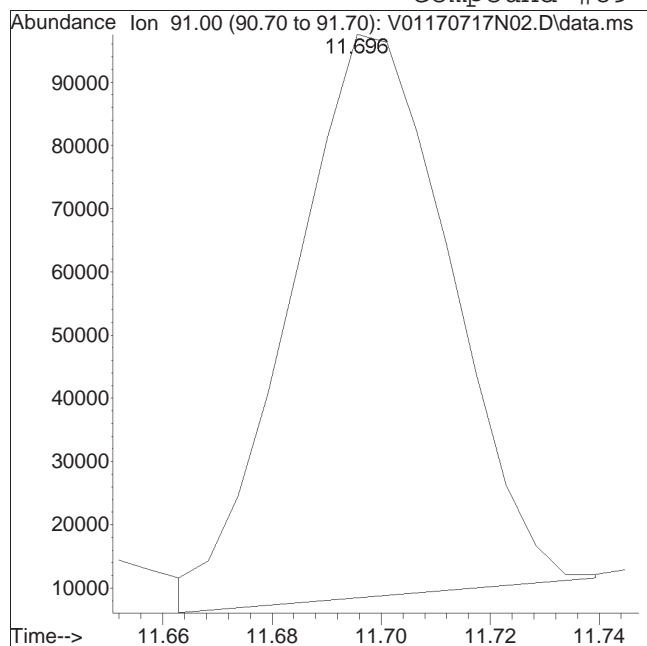
Manual Peak Response = 12312 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2017\1QMethod : V101_170629B_8260.m
Data File : V01170717N02.D Operator : VOA101:PK
Date Inj'd : 7/17/2017 8:40 pm Instrument : VOA 101
Sample : WG1023473-2 Quant Date : 7/17/2017 9:04 pm

Compound #89: 2-Chlorotoluene



Original Peak Response = 179847

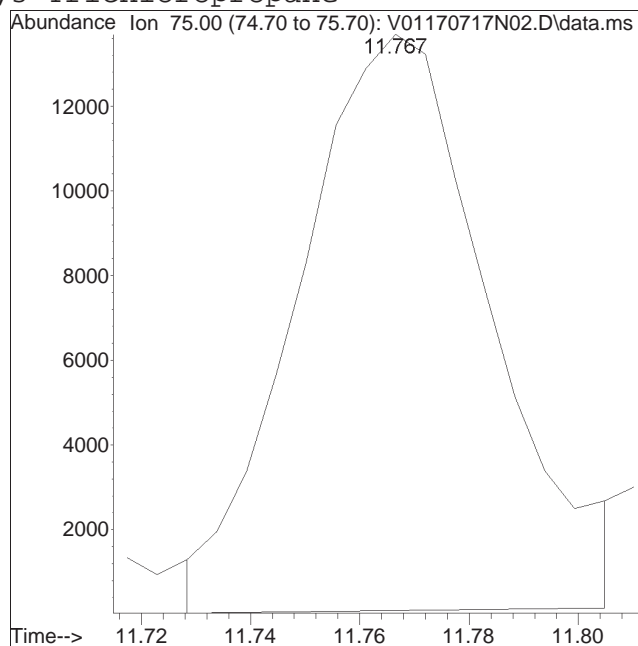
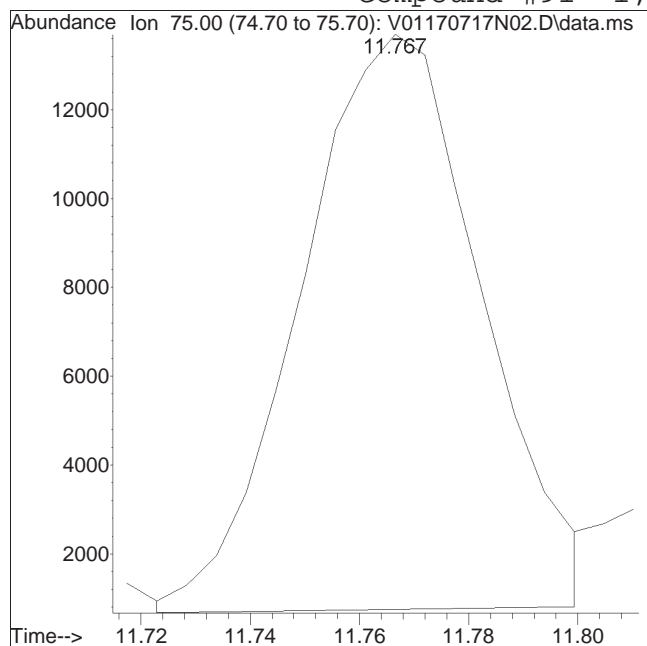
Manual Peak Response = 224196 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2017\1QMethod : V101_170629B_8260.m
Data File : V01170717N02.D Operator : VOA101:PK
Date Inj'd : 7/17/2017 8:40 pm Instrument : VOA 101
Sample : WG1023473-2 Quant Date : 7/17/2017 9:04 pm

Compound #91: 1,2,3-Trichloropropane



Original Peak Response = 29651

Manual Peak Response = 33082 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Evaluate Continuing Calibration Report

Data Path : I:\VOLATILES\VOA117\2017\170718A\
 Data File : V17170718A01.D
 Acq On : 18 Jul 2017 07:10
 Operator : VOA117:CBN
 Sample : WG1023786-2
 Misc : WG1023786,ICAL13689
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 18 07:36:40 2017
 Quant Method : I:\VOLATILES\VOA117\2017\170718A\V117_170525_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 25 12:01:44 2017
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 200%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I Fluorobenzene	1.000	1.000	0.0	103	0.00
2 T Dichlorodifluoromethane	0.438	0.415	5.3	99	0.00
3 T Chloromethane	0.533	0.474	11.1	93	0.00
4 C Vinyl chloride	0.519	0.395	23.9#	78	0.00
5 T Bromomethane	0.334	0.216	35.3#	70	0.00
6 T Chloroethane	0.277	0.190	31.4#	68	0.00
7 T Trichlorofluoromethane	0.666	0.512	23.1#	80	0.00
8 T Ethyl ether	0.143	0.138	3.5	105	0.00
10 C 1,1-Dichloroethene	0.314	0.301	4.1	103	0.00
11 T Carbon disulfide	1.183	0.950	19.7	82	0.00
12 T Freon-113	0.287	0.296	-3.1	107	0.00
14 T Acrolein	* 20.000	29.083	-45.4#	165	0.00
15 T Methylene chloride	0.349	0.323	7.4	102	0.00
17 T Acetone	* 20.000	15.842	20.8#	84	0.00
18 T trans-1,2-Dichloroethene	0.344	0.319	7.3	100	0.00
19 T Methyl acetate	0.151	0.129	14.6	93	-0.01
20 T Methyl tert-butyl ether	0.777	0.694	10.7	98	0.00
21 T tert-Butyl alcohol	0.024	0.022	8.3	97	0.00
22 T Diisopropyl ether	1.137	1.004	11.7	96	0.00
23 T 1,1-Dichloroethane	0.716	0.640	10.6	96	0.00
24 T Halothane	0.294	0.285	3.1	105	0.00
25 T Acrylonitrile	0.080	0.074	7.5	98	-0.02
26 T Ethyl tert-butyl ether	1.067	0.986	7.6	101	0.00
27 T Vinyl acetate	0.662	0.556	16.0	91	-0.01
28 T cis-1,2-Dichloroethene	0.368	0.337	8.4	98	0.00
29 T 2,2-Dichloropropane	0.539	0.495	8.2	98	0.00
30 T Bromochloromethane	0.162	0.146	9.9	95	0.00
31 T Cyclohexane	0.636	0.631	0.8	104	0.00
32 C Chloroform	0.646	0.563	12.8	93	0.00
33 T Ethyl acetate	0.231	0.188	18.6	87	-0.01
34 T Carbon tetrachloride	0.518	0.485	6.4	98	-0.01
35 T Tetrahydrofuran	0.066	0.055	16.7	88	-0.01
36 S Dibromofluoromethane	0.267	0.257	3.7	100	0.00
37 T 1,1,1-Trichloroethane	0.594	0.539	9.3	97	0.00
39 T 2-Butanone	0.092	0.078	15.2	90	-0.02
40 T 1,1-Dichloropropene	0.471	0.428	9.1	97	0.00
41 T Benzene	1.414	1.273	10.0	98	-0.01
42 T tert-Amyl methyl ether	0.747	0.693	7.2	102	0.00
43 S 1,2-Dichloroethane-d4	0.273	0.242	11.4	93	0.00

Evaluate Continuing Calibration Report

Data Path : I:\VOLATILES\VOA117\2017\170718A\
 Data File : V17170718A01.D
 Acq On : 18 Jul 2017 07:10
 Operator : VOA117:CBN
 Sample : WG1023786-2
 Misc : WG1023786,ICAL13689
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 18 07:36:40 2017
 Quant Method : I:\VOLATILES\VOA117\2017\170718A\V117_170525_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 25 12:01:44 2017
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
44 T	1,2-Dichloroethane	0.475	0.374	21.3#	85	-0.01
47 T	Methyl cyclohexane	0.530	0.516	2.6	103	0.00
48 T	Trichloroethene	0.410	0.371	9.5	98	-0.01
50 T	Dibromomethane	0.191	0.163	14.7	91	0.00
51 C	1,2-Dichloropropane	0.413	0.371	10.2	97	-0.01
53 T	2-Chloroethyl vinyl ether	0.103	0.096	6.8	96	-0.01
54 T	Bromodichloromethane	0.471	0.402	14.6	92	-0.01
57 T	1,4-Dioxane	0.00217	0.00224	-3.2	107	0.00
58 T	cis-1,3-Dichloropropene	0.532	0.475	10.7	97	0.00
59 I	Chlorobenzene-d5	1.000	1.000	0.0	98	0.00
60 S	Toluene-d8	1.295	1.339	-3.4	99	0.00
61 C	Toluene	1.072	1.022	4.7	96	0.00
62 T	4-Methyl-2-pentanone	0.107	0.098	8.4	99	0.00
63 T	Tetrachloroethene	0.500	0.492	1.6	99	0.00
65 T	trans-1,3-Dichloropropene	0.553	0.504	8.9	94	0.00
67 T	Ethyl methacrylate	* 20.000	17.213	13.9	98	-0.01
68 T	1,1,2-Trichloroethane	0.285	0.267	6.3	94	-0.01
69 T	Chlorodibromomethane	0.421	0.394	6.4	97	0.00
70 T	1,3-Dichloropropane	0.498	0.453	9.0	92	0.00
71 T	1,2-Dibromoethane	0.308	0.285	7.5	95	0.00
72 T	2-Hexanone	0.192	0.156	18.8	87	-0.01
73 T	Chlorobenzene	1.223	1.141	6.7	95	0.00
74 C	Ethylbenzene	2.129	1.968	7.6	94	-0.01
75 T	1,1,1,2-Tetrachloroethane	0.447	0.426	4.7	96	0.00
76 T	p/m Xylene	0.819	0.766	6.5	94	0.00
77 T	o Xylene	0.776	0.699	9.9	91	0.00
78 T	Styrene	1.274	1.168	8.3	94	0.00
79 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	96	0.00
80 T	Bromoform	0.493	0.460	6.7	97	0.00
82 T	Isopropylbenzene	3.762	3.603	4.2	94	0.00
83 S	4-Bromofluorobenzene	0.873	0.917	-5.0	99	-0.01
84 T	Bromobenzene	0.948	0.909	4.1	97	0.00
85 T	n-Propylbenzene	4.684	4.418	5.7	92	0.00
86 T	1,4-Dichlorobutane	1.159	1.056	8.9	90	0.00
87 T	1,1,2,2-Tetrachloroethane	0.685	0.619	9.6	91	-0.01
88 T	4-Ethyltoluene	3.759	3.743	0.4	97	0.00
89 T	2-Chlorotoluene	2.760	2.643	4.2	94	0.00

Evaluate Continuing Calibration Report

Data Path : I:\VOLATILES\VOA117\2017\170718A\
 Data File : V17170718A01.D
 Acq On : 18 Jul 2017 07:10
 Operator : VOA117:CBN
 Sample : WG1023786-2
 Misc : WG1023786,ICAL13689
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 18 07:36:40 2017
 Quant Method : I:\VOLATILES\VOA117\2017\170718A\V117_170525_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 25 12:01:44 2017
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	1,3,5-Trimethylbenzene	3.370	3.250	3.6	94	0.00
91 T	1,2,3-Trichloropropane	0.549	0.480	12.6	89	0.00
92 T	trans-1,4-Dichloro-2-butene	0.216	0.180	16.7	82	0.00
93 T	4-Chlorotoluene	2.813	2.651	5.8	93	0.00
94 T	tert-Butylbenzene	2.786	2.698	3.2	95	0.00
97 T	1,2,4-Trimethylbenzene	3.321	3.246	2.3	95	0.00
98 T	sec-Butylbenzene	4.227	4.063	3.9	93	0.00
99 T	p-Isopropyltoluene	3.573	3.470	2.9	95	0.00
100 T	1,3-Dichlorobenzene	1.936	1.841	4.9	94	0.00
101 T	1,4-Dichlorobenzene	1.907	1.783	6.5	93	0.00
102 T	p-Diethylbenzene	2.194	2.166	1.3	97	0.00
103 T	n-Butylbenzene	3.693	3.483	5.7	91	0.00
104 T	1,2-Dichlorobenzene	1.725	1.612	6.6	94	-0.01
105 T	1,2,4,5-Tetramethylbenzene	3.311	3.327	-0.5	101	0.00
106 T	1,2-Dibromo-3-chloropropane	0.099	0.089	10.1	95	0.00
107 T	1,3,5-Trichlorobenzene	1.514	1.533	-1.3	100	0.00
108 T	Hexachlorobutadiene	0.805	0.840	-4.3	103	0.00
109 T	1,2,4-Trichlorobenzene	1.291	1.267	1.9	97	0.00
110 T	Naphthalene	2.257	2.070	8.3	93	0.00
111 T	1,2,3-Trichlorobenzene	1.159	1.123	3.1	98	0.00

* Evaluation of CC level amount vs concentration.
 (#) = Out of Range SPCC's out = 0 CCC's out = 1

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA117\2017\170718A\
 Data File : V17170718A01.D
 Acq On : 18 Jul 2017 07:10
 Operator : VOA117:CBN
 Sample : WG1023786-2
 Misc : WG1023786,ICAL13689
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 18 07:36:40 2017
 Quant Method : I:\VOLATILES\VOA117\2017\170718A\V117_170525_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 25 12:01:44 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA117\2017\170718A\V17170718A01.D
 Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Fluorobenzene	6.347	96	159272	20.000	ug/L	0.00
Standard Area 1 = 159272			Recovery = 100.00%			
59) Chlorobenzene-d5	9.913	117	122212	20.000	ug/L	0.00
Standard Area 1 = 122212			Recovery = 100.00%			
79) 1,4-Dichlorobenzene-d4	12.534	152	67127	20.000	ug/L	0.00
Standard Area 1 = 67127			Recovery = 100.00%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.519	113	41001	19.290	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 96.45%			
43) 1,2-Dichloroethane-d4	6.059	65	38600	17.740	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 88.70%			
60) Toluene-d8	8.051	98	163606	20.681	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 103.41%			
83) 4-Bromofluorobenzene	11.349	95	61540	20.993	ug/L	-0.01
Spiked Amount 20.000	Range 70 - 130		Recovery = 104.97%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.781	85	66062	18.939	ug/L	97
3) Chloromethane	1.990	50	75569	17.791	ug/L	99
4) Vinyl chloride	2.064	62	62926	15.220	ug/L	100
5) Bromomethane	2.410	94	34347	12.918	ug/L	99
6) Chloroethane	2.541	64	30242	13.709	ug/L	100
7) Trichlorofluoromethane	2.688	101	81486	15.365	ug/L	99
8) Ethyl ether	3.008	74	22047	19.407	ug/L	85
10) 1,1-Dichloroethene	3.202	96	47970	19.209	ug/L	93
11) Carbon disulfide	3.233	76	151336	16.066	ug/L	99
12) Freon-113	3.244	101	47077	20.572	ug/L #	45
14) Acrolein	3.548	56	9509	29.083	ug/L	99
15) Methylene chloride	3.784	84	51390	18.464	ug/L	79
17) Acetone	3.841	43	7611	15.842	ug/L	89
18) trans-1,2-Dichloroethene	3.941	96	50878	18.585	ug/L	96
19) Methyl acetate	3.957	43	20503	17.061	ug/L #	86
20) Methyl tert-butyl ether	4.051	73	110535	17.864	ug/L	93
21) tert-Butyl alcohol	4.140	59	17380	89.363	ug/L	97
22) Diisopropyl ether	4.418	45	159901	17.656	ug/L	97
23) 1,1-Dichloroethane	4.544	63	101966	17.876	ug/L	99
24) Halothane	4.591	117	45377	19.350	ug/L	100
25) Acrylonitrile	4.596	53	11827	18.559	ug/L #	93

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA117\2017\170718A\
 Data File : V17170718A01.D
 Acq On : 18 Jul 2017 07:10
 Operator : VOA117:CBN
 Sample : WG1023786-2
 Misc : WG1023786,ICAL13689
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 18 07:36:40 2017
 Quant Method : I:\VOLATILES\VOA117\2017\170718A\V117_170525_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 25 12:01:44 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA117\2017\170718A\V17170718A01.D
 Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
26) Ethyl tert-butyl ether	4.769	59	157092	18.491	ug/L	82
27) Vinyl acetate	4.785	43	88530	16.801	ug/L	97
28) cis-1,2-Dichloroethene	5.073	96	53727	18.351	ug/L	99
29) 2,2-Dichloropropane	5.183	77	78880	18.365	ug/L	85
30) Bromochloromethane	5.267	128	23277	18.043	ug/L	94
31) Cyclohexane	5.273	56	100450	19.840	ug/L	95
32) Chloroform	5.336	83	89601	17.426	ug/L	95
33) Ethyl acetate	5.456	43	29953	16.298	ug/L #	96
34) Carbon tetrachloride	5.477	117	77241	18.721	ug/L	100
35) Tetrahydrofuran	5.503	42	8746	16.701	ug/L #	4
37) 1,1,1-Trichloroethane	5.550	97	85777	18.143	ug/L	99
39) 2-Butanone	5.645	43	12394	16.831	ug/L #	65
40) 1,1-Dichloropropene	5.671	75	68140	18.168	ug/L	98
41) Benzene	5.923	78	202744	17.999	ug/L	96
42) tert-Amyl methyl ether	6.033	73	110417	18.560	ug/L	98
44) 1,2-Dichloroethane	6.127	62	59543	15.725	ug/L	100
47) Methyl cyclohexane	6.515	83	82122	19.464	ug/L	98
48) Trichloroethene	6.515	95	59148	18.112	ug/L	97
50) Dibromomethane	6.966	93	25973	17.049	ug/L	96
51) 1,2-Dichloropropane	7.076	63	59090	17.946	ug/L	100
53) 2-Chloroethyl vinyl ether	7.768	63	15248	18.628	ug/L	86
54) Bromodichloromethane	7.139	83	63982	17.066	ug/L	99
57) 1,4-Dioxane	7.359	88	17868	1035.767	ug/L #	95
58) cis-1,3-Dichloropropene	7.842	75	75600	17.849	ug/L #	85
61) Toluene	8.109	92	124908	19.063	ug/L	99
62) 4-Methyl-2-pentanone	8.550	58	11929	18.245	ug/L	76
63) Tetrachloroethene	8.560	166	60185	19.694	ug/L	97
65) trans-1,3-Dichloropropene	8.591	75	61592	18.230	ug/L #	80
67) Ethyl methacrylate	8.780	69	43014	17.213	ug/L	88
68) 1,1,2-Trichloroethane	8.780	83	32661	18.728	ug/L	97
69) Chlorodibromomethane	8.990	129	48131	18.691	ug/L	100
70) 1,3-Dichloropropane	9.111	76	55361	18.196	ug/L	99
71) 1,2-Dibromoethane	9.278	107	34827	18.483	ug/L	100
72) 2-Hexanone	9.561	43	19042	16.262	ug/L	91
73) Chlorobenzene	9.934	112	139486	18.661	ug/L	96
74) Ethylbenzene	9.965	91	240477	18.483	ug/L	99
75) 1,1,1,2-Tetrachloroethane	10.012	131	52055	19.070	ug/L	100
76) p/m Xylene	10.154	106	187239	37.433	ug/L	96
77) o Xylene	10.673	106	170809	36.002	ug/L	96
78) Styrene	10.736	104	285393	36.663	ug/L	98

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA117\2017\170718A\
 Data File : V17170718A01.D
 Acq On : 18 Jul 2017 07:10
 Operator : VOA117:CBN
 Sample : WG1023786-2
 Misc : WG1023786,ICAL13689
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 18 07:36:40 2017
 Quant Method : I:\VOLATILES\VOA117\2017\170718A\V117_170525_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 25 12:01:44 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA117\2017\170718A\V17170718A01.D
 Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) Bromoform	10.752	173	30901	18.690	ug/L	99
82) Isopropylbenzene	11.040	105	241849	19.154	ug/L	99
84) Bromobenzene	11.465	156	61008	19.168	ug/L	100
85) n-Propylbenzene	11.501	91	296557	18.863	ug/L	98
86) 1,4-Dichlorobutane	11.522	55	70888	18.229	ug/L	97
87) 1,1,2,2-Tetrachloroethane	11.575	83	41520	18.060	ug/L	99
88) 4-Ethyltoluene	11.622	105	251231	19.912	ug/L	99
89) 2-Chlorotoluene	11.669	91	177410	19.153	ug/L	95
90) 1,3,5-Trimethylbenzene	11.716	105	218154	19.289	ug/L	98
91) 1,2,3-Trichloropropane	11.722	75	32240	17.506	ug/L	95
92) trans-1,4-Dichloro-2-b...	11.769	53	12075	16.663	ug/L #	81
93) 4-Chlorotoluene	11.847	91	177924	18.843	ug/L	97
94) tert-Butylbenzene	12.052	119	181098	19.370	ug/L	97
97) 1,2,4-Trimethylbenzene	12.125	105	217924	19.548	ug/L	98
98) sec-Butylbenzene	12.241	105	272767	19.225	ug/L	99
99) p-Isopropyltoluene	12.387	119	232905	19.424	ug/L	99
100) 1,3-Dichlorobenzene	12.456	146	123596	19.023	ug/L	99
101) 1,4-Dichlorobenzene	12.545	146	119721	18.707	ug/L	99
102) p-Diethylbenzene	12.755	119	145375	19.739	ug/L	98
103) n-Butylbenzene	12.812	91	233816	18.865	ug/L	99
104) 1,2-Dichlorobenzene	12.964	146	108193	18.684	ug/L	98
105) 1,2,4,5-Tetramethylben...	13.536	119	223309	20.097	ug/L	98
106) 1,2-Dibromo-3-chloropr...	13.735	155	6004	18.047	ug/L	99
107) 1,3,5-Trichlorobenzene	13.761	180	102915	20.252	ug/L	98
108) Hexachlorobutadiene	14.327	225	56416	20.888	ug/L	99
109) 1,2,4-Trichlorobenzene	14.359	180	85044	19.624	ug/L	98
110) Naphthalene	14.653	128	138969	18.343	ug/L	100
111) 1,2,3-Trichlorobenzene	14.820	180	75402	19.376	ug/L	99

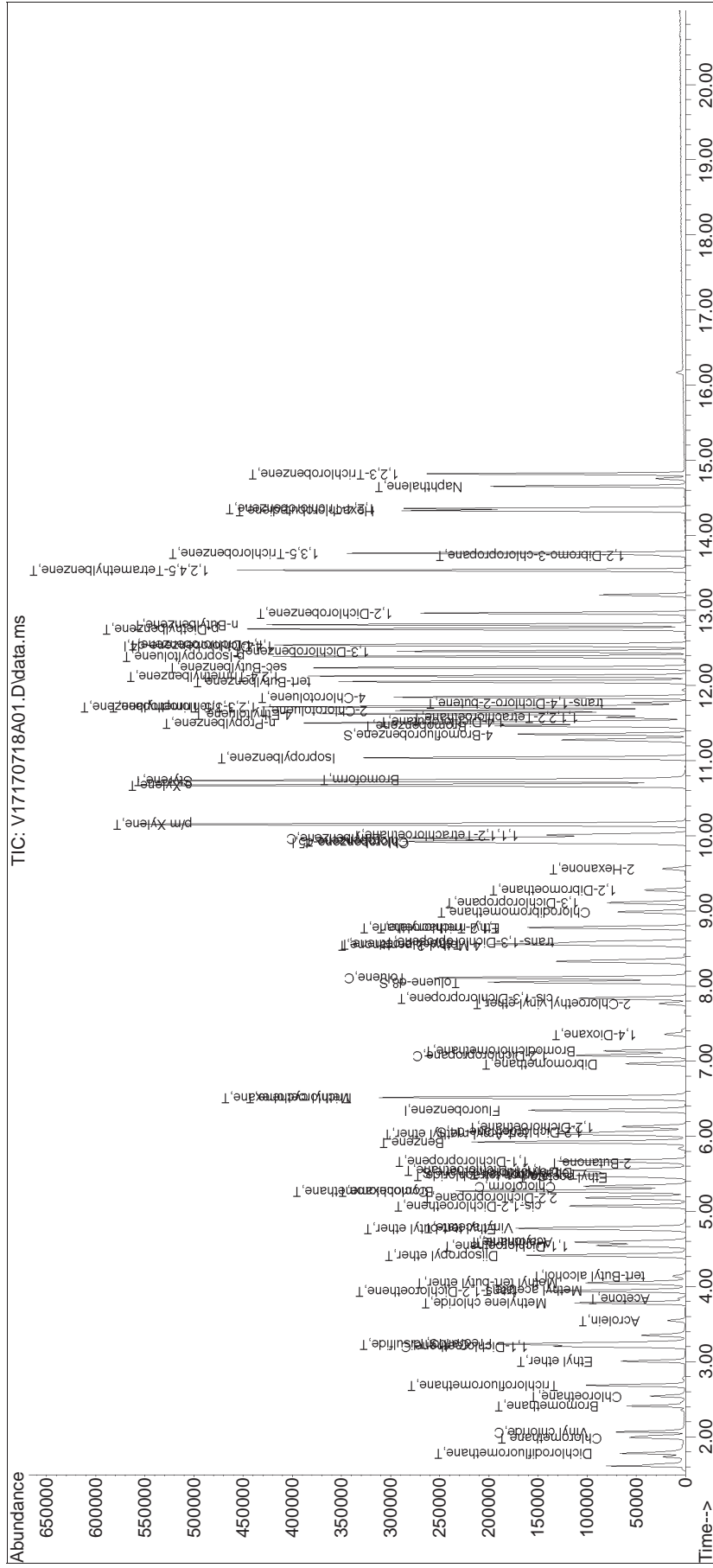
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA117\2017\170718A\
 Data File : V17170718A01.D
 Acq On : 18 Jul 2017 07:10
 Operator : VOA117:CBN
 Sample : WG1023786-2
 Misc : WG1023786,ICAL13689
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 18 07:36:40 2017
 Quant Method : I:\VOLATILES\VOA117\2017\170718A\170718A_V117_170525_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 25 12:01:44 2017
 Response via : Initial Calibration

Sub List : 8260-CurveSoil - Megamix plus Diox8A\V17170718A01.D•



Manual Integration Report

Data Path : I:\VOLATILES\VOA117\2017\1QMethod : V117_170525_8260.m
Data File : V17170718A01.D Operator : VOA117:CBN
Date Inj'd : 7/18/2017 7:10 Instrument : VOA 117
Sample : WG1023786-2 Quant Date : 7/18/2017 7:36 am

There are no manual integrations or false positives in this file.

Evaluate Continuing Calibration Report

Data Path : I:\VOLATILES\VOA117\2017\170719A\
 Data File : V17170719A01.D
 Acq On : 19 Jul 2017 07:03
 Operator : VOA117:CBN
 Sample : WG1023786-7
 Misc : WG1023786,ICAL13689
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 19 07:41:50 2017
 Quant Method : I:\VOLATILES\VOA117\2017\170719A\V117_170525_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 25 12:01:44 2017
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Fluorobenzene	1.000	1.000	0.0	96	0.00
2 T	Dichlorodifluoromethane	0.438	0.446	-1.8	99	0.00
3 T	Chloromethane	0.533	0.520	2.4	95	0.00
4 C	Vinyl chloride	0.519	0.429	17.3	79	0.00
5 T	Bromomethane	0.334	0.231	30.8#	69	0.00
6 T	Chloroethane	0.277	0.206	25.6#	69	0.00
7 T	Trichlorofluoromethane	0.666	0.551	17.3	80	0.00
8 T	Ethyl ether	0.143	0.144	-0.7	101	0.00
10 C	1,1-Dichloroethene	0.314	0.322	-2.5	103	0.00
11 T	Carbon disulfide	1.183	1.021	13.7	82	0.00
12 T	Freon-113	0.287	0.309	-7.7	104	0.00
14 T	Acrolein	* 20.000	35.469	-77.3#	188	0.00
15 T	Methylene chloride	0.349	0.342	2.0	101	0.00
17 T	Acetone	* 20.000	18.460	7.7	90	0.00
18 T	trans-1,2-Dichloroethene	0.344	0.341	0.9	99	0.00
19 T	Methyl acetate	0.151	0.142	6.0	95	-0.01
20 T	Methyl tert-butyl ether	0.777	0.728	6.3	95	0.00
21 T	tert-Butyl alcohol	0.024	0.023	4.2	93	0.00
22 T	Diisopropyl ether	1.137	1.082	4.8	96	0.00
23 T	1,1-Dichloroethane	0.716	0.683	4.6	95	0.00
24 T	Halothane	0.294	0.310	-5.4	106	0.00
25 T	Acrylonitrile	0.080	0.078	2.5	96	-0.02
26 T	Ethyl tert-butyl ether	1.067	1.050	1.6	100	0.00
27 T	Vinyl acetate	0.662	0.592	10.6	90	-0.01
28 T	cis-1,2-Dichloroethene	0.368	0.358	2.7	97	0.00
29 T	2,2-Dichloropropane	0.539	0.528	2.0	97	0.00
30 T	Bromochloromethane	0.162	0.156	3.7	94	0.00
31 T	Cyclohexane	0.636	0.686	-7.9	105	0.00
32 C	Chloroform	0.646	0.603	6.7	93	0.00
33 T	Ethyl acetate	0.231	0.204	11.7	88	-0.01
34 T	Carbon tetrachloride	0.518	0.522	-0.8	98	-0.01
35 T	Tetrahydrofuran	0.066	0.055	16.7	82	-0.01
36 S	Dibromofluoromethane	0.267	0.259	3.0	93	0.00
37 T	1,1,1-Trichloroethane	0.594	0.572	3.7	96	0.00
39 T	2-Butanone	0.092	0.084	8.7	90	-0.02
40 T	1,1-Dichloropropene	0.471	0.455	3.4	96	0.00
41 T	Benzene	1.414	1.348	4.7	96	-0.01
42 T	tert-Amyl methyl ether	0.747	0.724	3.1	99	0.00
43 S	1,2-Dichloroethane-d4	0.273	0.242	11.4	86	0.00

Evaluate Continuing Calibration Report

Data Path : I:\VOLATILES\VOA117\2017\170719A\
 Data File : V17170719A01.D
 Acq On : 19 Jul 2017 07:03
 Operator : VOA117:CBN
 Sample : WG1023786-7
 Misc : WG1023786,ICAL13689
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 19 07:41:50 2017
 Quant Method : I:\VOLATILES\VOA117\2017\170719A\V117_170525_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 25 12:01:44 2017
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 200%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
44 T 1,2-Dichloroethane	0.475	0.394	17.1	83	-0.01
47 T Methyl cyclohexane	0.530	0.546	-3.0	101	0.00
48 T Trichloroethene	0.410	0.394	3.9	96	0.00
50 T Dibromomethane	0.191	0.171	10.5	89	0.00
51 C 1,2-Dichloropropane	0.413	0.389	5.8	94	-0.01
53 T 2-Chloroethyl vinyl ether	0.103	0.097	5.8	91	-0.01
54 T Bromodichloromethane	0.471	0.424	10.0	90	-0.02
57 T 1,4-Dioxane	0.00217	0.00200	7.8	88	0.00
58 T cis-1,3-Dichloropropene	0.532	0.494	7.1	94	0.00
59 I Chlorobenzene-d5	1.000	1.000	0.0	90	0.00
60 S Toluene-d8	1.295	1.338	-3.3	92	0.00
61 C Toluene	1.072	1.083	-1.0	94	0.00
62 T 4-Methyl-2-pentanone	0.107	0.102	4.7	96	0.00
63 T Tetrachloroethene	0.500	0.538	-7.6	100	-0.01
65 T trans-1,3-Dichloropropene	0.553	0.538	2.7	93	-0.01
67 T Ethyl methacrylate	* 20.000	18.119	9.4	96	-0.01
68 T 1,1,2-Trichloroethane	0.285	0.280	1.8	91	-0.01
69 T Chlorodibromomethane	0.421	0.413	1.9	94	0.00
70 T 1,3-Dichloropropane	0.498	0.478	4.0	90	0.00
71 T 1,2-Dibromoethane	0.308	0.299	2.9	92	0.00
72 T 2-Hexanone	0.192	0.163	15.1	84	-0.01
73 T Chlorobenzene	1.223	1.203	1.6	93	-0.01
74 C Ethylbenzene	2.129	2.101	1.3	92	-0.01
75 T 1,1,1,2-Tetrachloroethane	0.447	0.452	-1.1	95	0.00
76 T p/m Xylene	0.819	0.825	-0.7	94	0.00
77 T o Xylene	0.776	0.744	4.1	90	0.00
78 T Styrene	1.274	1.232	3.3	92	0.00
79 I 1,4-Dichlorobenzene-d4	1.000	1.000	0.0	89	0.00
80 T Bromoform	0.493	0.481	2.4	94	0.00
82 T Isopropylbenzene	3.762	3.825	-1.7	93	0.00
83 S 4-Bromofluorobenzene	0.873	0.923	-5.7	93	-0.01
84 T Bromobenzene	0.948	0.953	-0.5	94	0.00
85 T n-Propylbenzene	4.684	4.700	-0.3	91	0.00
86 T 1,4-Dichlorobutane	1.159	1.124	3.0	89	0.00
87 T 1,1,2,2-Tetrachloroethane	0.685	0.652	4.8	89	-0.01
88 T 4-Ethyltoluene	3.759	3.969	-5.6	95	0.00
89 T 2-Chlorotoluene	2.760	2.777	-0.6	92	-0.01

Evaluate Continuing Calibration Report

Data Path : I:\VOLATILES\VOA117\2017\170719A\
 Data File : V17170719A01.D
 Acq On : 19 Jul 2017 07:03
 Operator : VOA117:CBN
 Sample : WG1023786-7
 Misc : WG1023786,ICAL13689
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 19 07:41:50 2017
 Quant Method : I:\VOLATILES\VOA117\2017\170719A\V117_170525_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 25 12:01:44 2017
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	1,3,5-Trimethylbenzene	3.370	3.460	-2.7	93	0.00
91 T	1,2,3-Trichloropropane	0.549	0.504	8.2	87	0.00
92 T	trans-1,4-Dichloro-2-butene	0.216	0.192	11.1	81	0.00
93 T	4-Chlorotoluene	2.813	2.825	-0.4	92	0.00
94 T	tert-Butylbenzene	2.786	2.849	-2.3	93	0.00
97 T	1,2,4-Trimethylbenzene	3.321	3.443	-3.7	93	0.00
98 T	sec-Butylbenzene	4.227	4.334	-2.5	92	0.00
99 T	p-Isopropyltoluene	3.573	3.690	-3.3	94	0.00
100 T	1,3-Dichlorobenzene	1.936	1.950	-0.7	92	0.00
101 T	1,4-Dichlorobenzene	1.907	1.896	0.6	92	0.00
102 T	p-Diethylbenzene	2.194	2.293	-4.5	95	0.00
103 T	n-Butylbenzene	3.693	3.712	-0.5	90	0.00
104 T	1,2-Dichlorobenzene	1.725	1.691	2.0	91	-0.01
105 T	1,2,4,5-Tetramethylbenzene	3.311	3.485	-5.3	98	0.00
106 T	1,2-Dibromo-3-chloropropane	0.099	0.096	3.0	95	0.00
107 T	1,3,5-Trichlorobenzene	1.514	1.630	-7.7	99	0.00
108 T	Hexachlorobutadiene	0.805	0.889	-10.4	102	0.00
109 T	1,2,4-Trichlorobenzene	1.291	1.317	-2.0	93	0.00
110 T	Naphthalene	2.257	2.170	3.9	91	0.00
111 T	1,2,3-Trichlorobenzene	1.159	1.179	-1.7	95	0.00

* Evaluation of CC level amount vs concentration.
 (#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA117\2017\170719A\
 Data File : V17170719A01.D
 Acq On : 19 Jul 2017 07:03
 Operator : VOA117:CBN
 Sample : WG1023786-7
 Misc : WG1023786,ICAL13689
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 19 07:41:50 2017
 Quant Method : I:\VOLATILES\VOA117\2017\170719A\V117_170525_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 25 12:01:44 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA117\2017\170719A\V17170719A01.D
 Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Fluorobenzene	6.347	96	147983	20.000	ug/L	0.00
Standard Area 1 = 147983			Recovery =	100.00%		
59) Chlorobenzene-d5	9.913	117	113052	20.000	ug/L	0.00
Standard Area 1 = 113052			Recovery =	100.00%		
79) 1,4-Dichlorobenzene-d4	12.534	152	62353	20.000	ug/L	0.00
Standard Area 1 = 62353			Recovery =	100.00%		
System Monitoring Compounds						
36) Dibromofluoromethane	5.519	113	38263	19.376	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery =	96.88%		
43) 1,2-Dichloroethane-d4	6.059	65	35783	17.700	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery =	88.50%		
60) Toluene-d8	8.051	98	151258	20.670	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery =	103.35%		
83) 4-Bromofluorobenzene	11.349	95	57523	21.125	ug/L	-0.01
Spiked Amount 20.000	Range 70 - 130		Recovery =	105.62%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.781	85	66027	20.373	ug/L	97
3) Chloromethane	1.990	50	76951	19.499	ug/L	98
4) Vinyl chloride	2.064	62	63422	16.511	ug/L	100
5) Bromomethane	2.410	94	34157	13.827	ug/L	99
6) Chloroethane	2.541	64	30502	14.882	ug/L	99
7) Trichlorofluoromethane	2.688	101	81562	16.553	ug/L	99
8) Ethyl ether	3.007	74	21236	20.119	ug/L	89
10) 1,1-Dichloroethene	3.207	96	47652	20.537	ug/L	95
11) Carbon disulfide	3.233	76	151122	17.267	ug/L	100
12) Freon-113	3.243	101	45769	21.526	ug/L #	48
14) Acrolein	3.548	56	10812	35.469	ug/L	91
15) Methylene chloride	3.783	84	50617	19.574	ug/L	82
17) Acetone	3.841	43	8116	18.460	ug/L	94
18) trans-1,2-Dichloroethene	3.941	96	50400	19.815	ug/L	98
19) Methyl acetate	3.957	43	21022	18.827	ug/L #	86
20) Methyl tert-butyl ether	4.051	73	107710	18.735	ug/L	95
21) tert-Butyl alcohol	4.135	59	16684	92.328	ug/L	98
22) Diisopropyl ether	4.413	45	160133	19.030	ug/L	98
23) 1,1-Dichloroethane	4.544	63	101033	19.063	ug/L	99
24) Halothane	4.591	117	45845	21.041	ug/L	98
25) Acrylonitrile	4.596	53	11577	19.553	ug/L #	90

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA117\2017\170719A\
 Data File : V17170719A01.D
 Acq On : 19 Jul 2017 07:03
 Operator : VOA117:CBN
 Sample : WG1023786-7
 Misc : WG1023786,ICAL13689
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 19 07:41:50 2017
 Quant Method : I:\VOLATILES\VOA117\2017\170719A\V117_170525_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 25 12:01:44 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA117\2017\170719A\V17170719A01.D
 Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
26) Ethyl tert-butyl ether	4.769	59	155367	19.684	ug/L	83
27) Vinyl acetate	4.785	43	87549	17.882	ug/L #	96
28) cis-1,2-Dichloroethene	5.073	96	53008	19.486	ug/L	99
29) 2,2-Dichloropropane	5.183	77	78096	19.570	ug/L	86
30) Bromochloromethane	5.267	128	23129	19.296	ug/L	95
31) Cyclohexane	5.273	56	101573	21.592	ug/L	97
32) Chloroform	5.335	83	89189	18.669	ug/L	95
33) Ethyl acetate	5.456	43	30171	17.669	ug/L #	96
34) Carbon tetrachloride	5.477	117	77228	20.146	ug/L	100
35) Tetrahydrofuran	5.503	42	8165	16.781	ug/L #	1
37) 1,1,1-Trichloroethane	5.550	97	84678	19.277	ug/L	98
39) 2-Butanone	5.650	43	12411	18.140	ug/L #	63
40) 1,1-Dichloropropene	5.671	75	67382	19.336	ug/L	98
41) Benzene	5.923	78	199501	19.062	ug/L	97
42) tert-Amyl methyl ether	6.033	73	107196	19.393	ug/L	98
44) 1,2-Dichloroethane	6.127	62	58287	16.568	ug/L	99
47) Methyl cyclohexane	6.515	83	80787	20.608	ug/L	99
48) Trichloroethene	6.520	95	58237	19.194	ug/L	97
50) Dibromomethane	6.966	93	25310	17.881	ug/L	98
51) 1,2-Dichloropropane	7.076	63	57626	18.836	ug/L	99
53) 2-Chloroethyl vinyl ether	7.768	63	14389	18.919	ug/L	87
54) Bromodichloromethane	7.134	83	62752	18.015	ug/L	99
57) 1,4-Dioxane	7.359	88	14791	922.808	ug/L #	95
58) cis-1,3-Dichloropropene	7.836	75	73156	18.590	ug/L #	87
61) Toluene	8.109	92	122382	20.191	ug/L	98
62) 4-Methyl-2-pentanone	8.549	58	11539	19.078	ug/L	79
63) Tetrachloroethene	8.555	166	60848	21.524	ug/L	98
65) trans-1,3-Dichloropropene	8.586	75	60808	19.456	ug/L #	81
67) Ethyl methacrylate	8.780	69	41964	18.119	ug/L	90
68) 1,1,2-Trichloroethane	8.780	83	31702	19.651	ug/L	98
69) Chlorodibromomethane	8.990	129	46683	19.597	ug/L	100
70) 1,3-Dichloropropane	9.110	76	53987	19.182	ug/L	99
71) 1,2-Dibromoethane	9.278	107	33782	19.381	ug/L	100
72) 2-Hexanone	9.561	43	18417	17.003	ug/L	93
73) Chlorobenzene	9.928	112	135976	19.665	ug/L	96
74) Ethylbenzene	9.965	91	237477	19.731	ug/L	99
75) 1,1,1,2-Tetrachloroethane	10.012	131	51131	20.250	ug/L	100
76) p/m Xylene	10.154	106	186630	40.334	ug/L	98
77) o Xylene	10.673	106	168282	38.343	ug/L	96
78) Styrene	10.736	104	278546	38.683	ug/L	96

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA117\2017\170719A\
 Data File : V17170719A01.D
 Acq On : 19 Jul 2017 07:03
 Operator : VOA117:CBN
 Sample : WG1023786-7
 Misc : WG1023786,ICAL13689
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 19 07:41:50 2017
 Quant Method : I:\VOLATILES\VOA117\2017\170719A\V117_170525_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 25 12:01:44 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA117\2017\170719A\V17170719A01.D
 Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) Bromoform	10.757	173	29982	19.523	ug/L	99
82) Isopropylbenzene	11.040	105	238515	20.336	ug/L	99
84) Bromobenzene	11.465	156	59425	20.100	ug/L	99
85) n-Propylbenzene	11.501	91	293080	20.069	ug/L	97
86) 1,4-Dichlorobutane	11.522	55	70076	19.400	ug/L	96
87) 1,1,2,2-Tetrachloroethane	11.575	83	40656	19.038	ug/L	99
88) 4-Ethyltoluene	11.622	105	247509	21.119	ug/L	99
89) 2-Chlorotoluene	11.664	91	173168	20.127	ug/L	96
90) 1,3,5-Trimethylbenzene	11.716	105	215750	20.537	ug/L	98
91) 1,2,3-Trichloropropane	11.722	75	31427	18.371	ug/L	96
92) trans-1,4-Dichloro-2-b...	11.769	53	11948	17.750	ug/L #	83
93) 4-Chlorotoluene	11.847	91	176144	20.083	ug/L	96
94) tert-Butylbenzene	12.052	119	177636	20.455	ug/L	96
97) 1,2,4-Trimethylbenzene	12.125	105	214663	20.730	ug/L	97
98) sec-Butylbenzene	12.235	105	270242	20.505	ug/L	99
99) p-Isopropyltoluene	12.387	119	230053	20.655	ug/L	99
100) 1,3-Dichlorobenzene	12.456	146	121599	20.148	ug/L	99
101) 1,4-Dichlorobenzene	12.545	146	118217	19.886	ug/L	99
102) p-Diethylbenzene	12.754	119	142953	20.896	ug/L	98
103) n-Butylbenzene	12.812	91	231450	20.104	ug/L	98
104) 1,2-Dichlorobenzene	12.964	146	105455	19.606	ug/L	98
105) 1,2,4,5-Tetramethylben...	13.536	119	217300	21.053	ug/L	98
106) 1,2-Dibromo-3-chloropr...	13.735	155	6009	19.445	ug/L	97
107) 1,3,5-Trichlorobenzene	13.761	180	101664	21.538	ug/L	99
108) Hexachlorobutadiene	14.333	225	55431	22.095	ug/L	100
109) 1,2,4-Trichlorobenzene	14.359	180	82132	20.403	ug/L	99
110) Naphthalene	14.652	128	135313	19.228	ug/L	100
111) 1,2,3-Trichlorobenzene	14.820	180	73526	20.340	ug/L	99

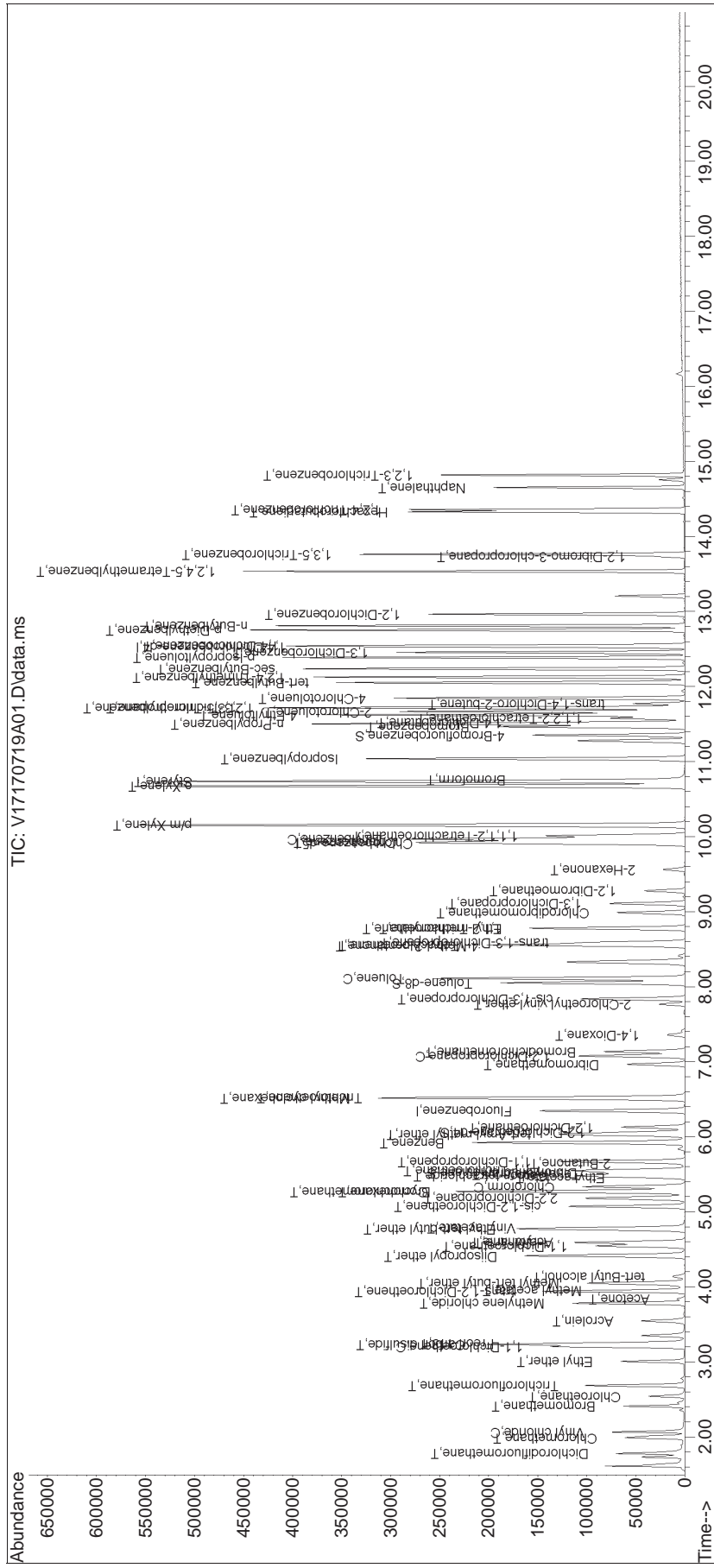
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA117\2017\170719A\
 Data File : V17170719A01.D
 Acq On : 19 Jul 2017 07:03
 Operator : VOA117:CBN
 Sample : WG1023786-7
 Misc : WG1023786,ICAL13689
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 19 07:41:50 2017
 Quant Method : I:\VOLATILES\VOA117\2017\170719A\170719A_V1717_170525_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 25 12:01:44 2017
 Response via : Initial Calibration

Sub List : 8260-CurveSoil - Megamix plus Diox9A\V17170719A01.D•



Manual Integration Report

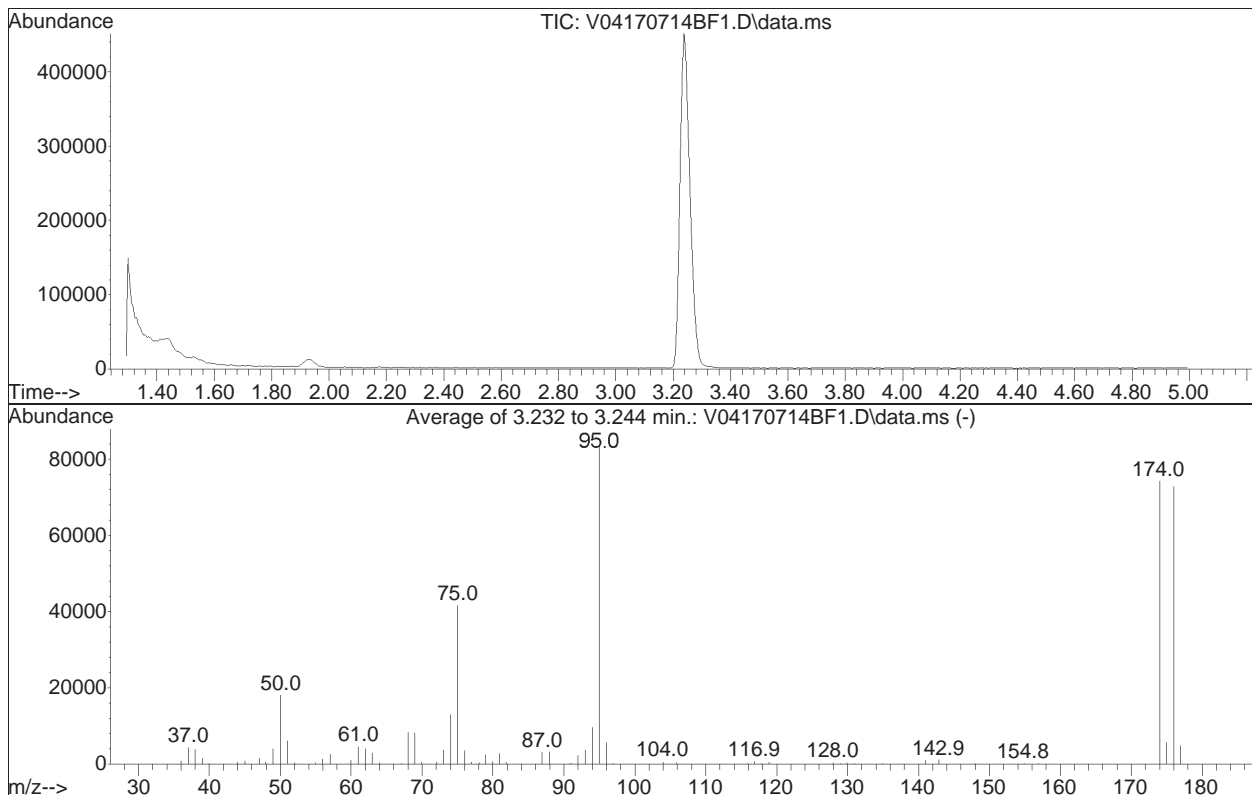
Data Path : I:\VOLATILES\VOA117\2017\1QMethod : V117_170525_8260.m
Data File : V17170719A01.D Operator : VOA117:CBN
Date Inj'd : 7/19/2017 7:03 Instrument : VOA 117
Sample : WG1023786-7 Quant Date : 7/19/2017 7:41 am

There are no manual integrations or false positives in this file.

Data Path : I:\VOLATILES\VOA104\2017\170714A\
 Data File : V04170714BF1.D
 Acq On : 14 Jul 2017 7:17
 Operator : VOA104:MV
 Sample : WG1022759-1
 Misc : WG1022759,ICAL13672
 ALS Vial : 1 Sample Multiplier: 1

Integration File: rteint.p

Method : I:\VOLATILES\VOA104\2017\170714A\V104_170517_8260.m
 Title : VOLATILES BY GC/MS
 Last Update : Thu May 18 06:45:13 2017



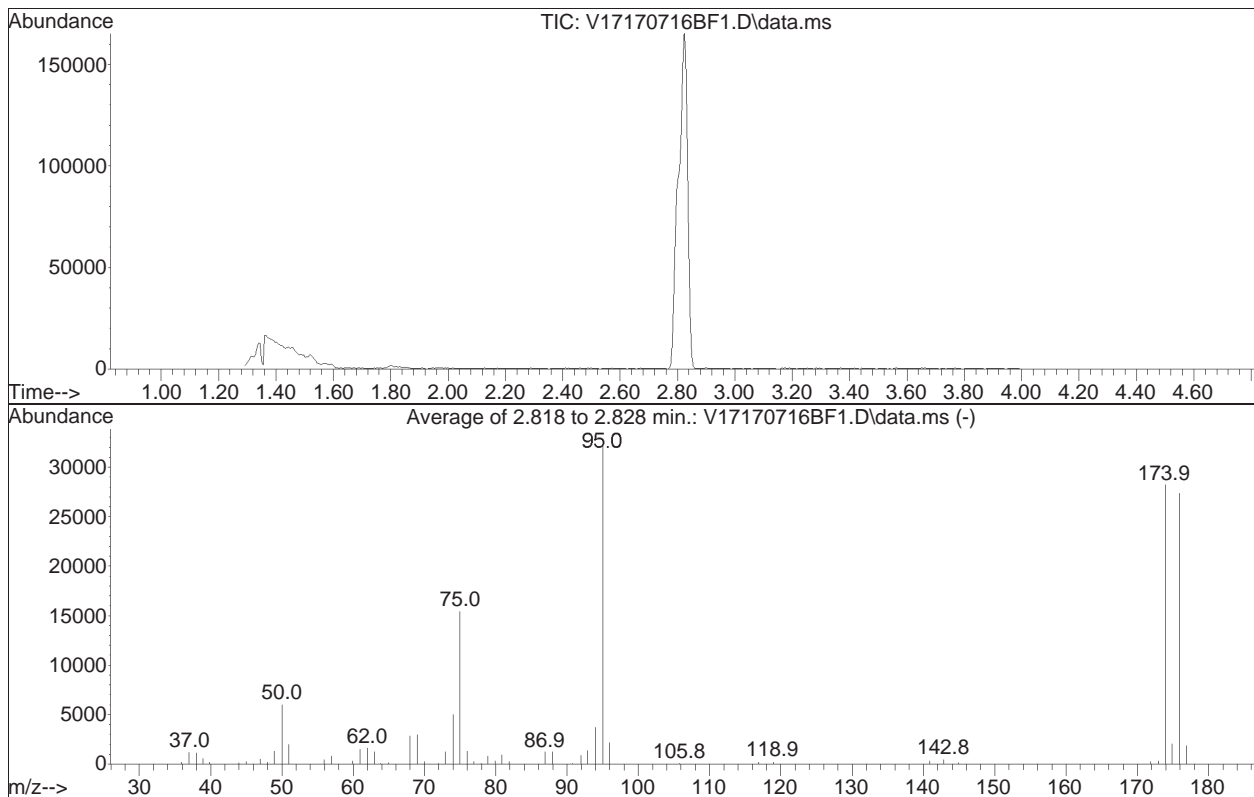
AutoFind: Scans 319, 320, 321; Background Corrected with Scan 311

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	21.6	18128	PASS
75	95	30	60	49.7	41667	PASS
95	95	100	100	100.0	83768	PASS
96	95	5	9	6.6	5543	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	88.7	74309	PASS
175	174	5	9	7.7	5733	PASS
176	174	95	101	97.9	72717	PASS
177	176	5	9	6.5	4760	PASS

Data Path : I:\VOLATILES\VOA117\2017\170716A\
 Data File : V17170716BF1.D
 Acq On : 16 Jul 2017 07:42 am
 Operator : VOA117:CBN
 Sample : WG1023115-1
 Misc : WG1023115,ICAL13689
 ALS Vial : 1 Sample Multiplier: 1

Integration File: rteint.p

Method : I:\VOLATILES\VOA117\2017\170716A\V117_170525_8260.m
 Title : VOLATILES BY GC/MS
 Last Update : Thu May 25 12:01:44 2017



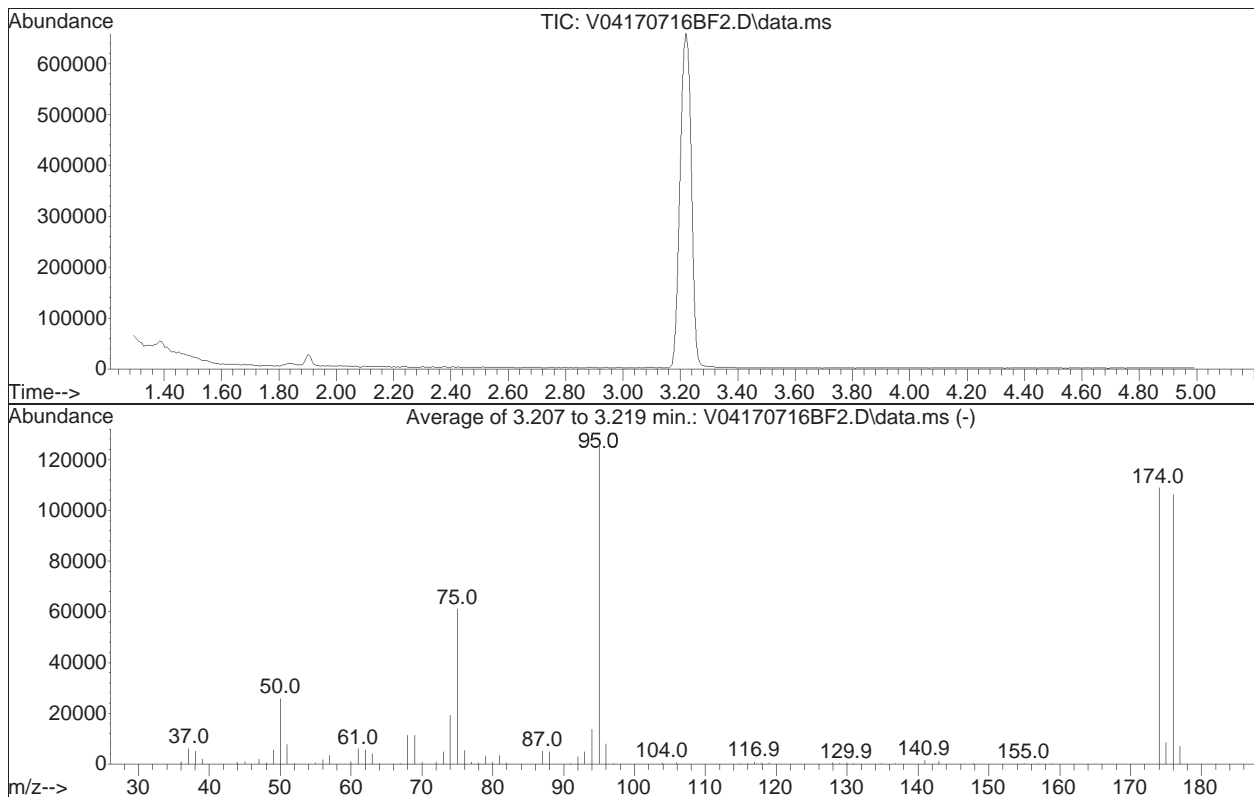
Spectrum Information: Average of 2.818 to 2.828 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	18.6	6016	PASS
75	95	30	60	47.8	15441	PASS
95	95	100	100	100.0	32280	PASS
96	95	5	9	6.9	2213	PASS
173	174	0.00	2	1.2	335	PASS
174	95	50	100	87.5	28248	PASS
175	174	5	9	7.3	2066	PASS
176	174	95	101	96.9	27373	PASS
177	176	5	9	6.8	1860	PASS

Data Path : I:\VOLATILES\VOA104\2017\170716A\
 Data File : V04170716BF2.D
 Acq On : 16 Jul 2017 7:47
 Operator : VOA104:CBN
 Sample : WG1023153-1
 Misc : WG1023153,ICAL13672
 ALS Vial : 1 Sample Multiplier: 1

Integration File: rteint.p

Method : I:\VOLATILES\VOA104\2017\170716A\V104_170517_8260.m
 Title : VOLATILES BY GC/MS
 Last Update : Thu May 18 06:45:13 2017



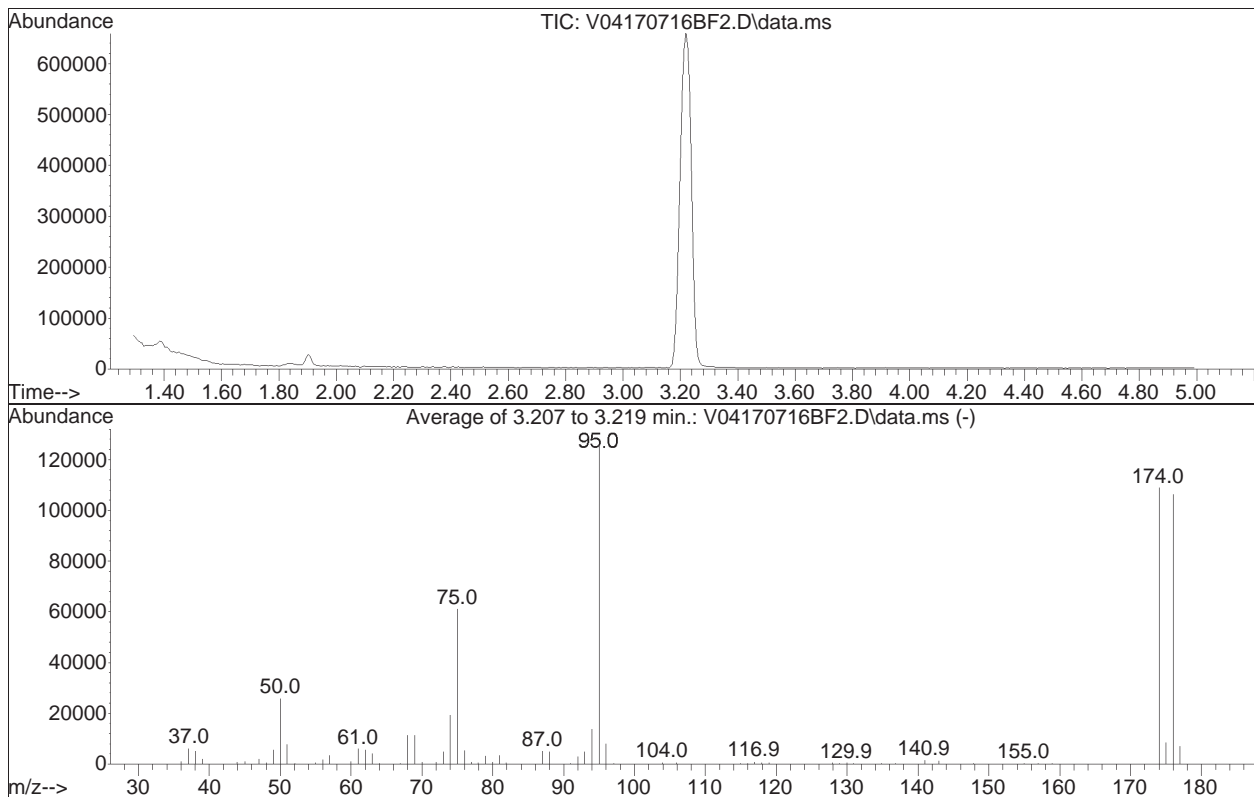
Spectrum Information: Average of 3.207 to 3.219 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	20.5	25747	PASS
75	95	30	60	48.5	61061	PASS
95	95	100	100	100.0	125896	PASS
96	95	5	9	6.3	7954	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	86.6	108995	PASS
175	174	5	9	7.8	8514	PASS
176	174	95	101	97.4	106152	PASS
177	176	5	9	6.6	6984	PASS

Data Path : I:\VOLATILES\VOA104\2017\170716A\
 Data File : V04170716BF2.D
 Acq On : 16 Jul 2017 7:47
 Operator : VOA104:CBN
 Sample : WG1023156-1
 Misc : WG1023156,ICAL13672
 ALS Vial : 1 Sample Multiplier: 1

Integration File: rteint.p

Method : I:\VOLATILES\VOA104\2017\170716A\V104_170517_8260.m
 Title : VOLATILES BY GC/MS
 Last Update : Thu May 18 06:45:13 2017



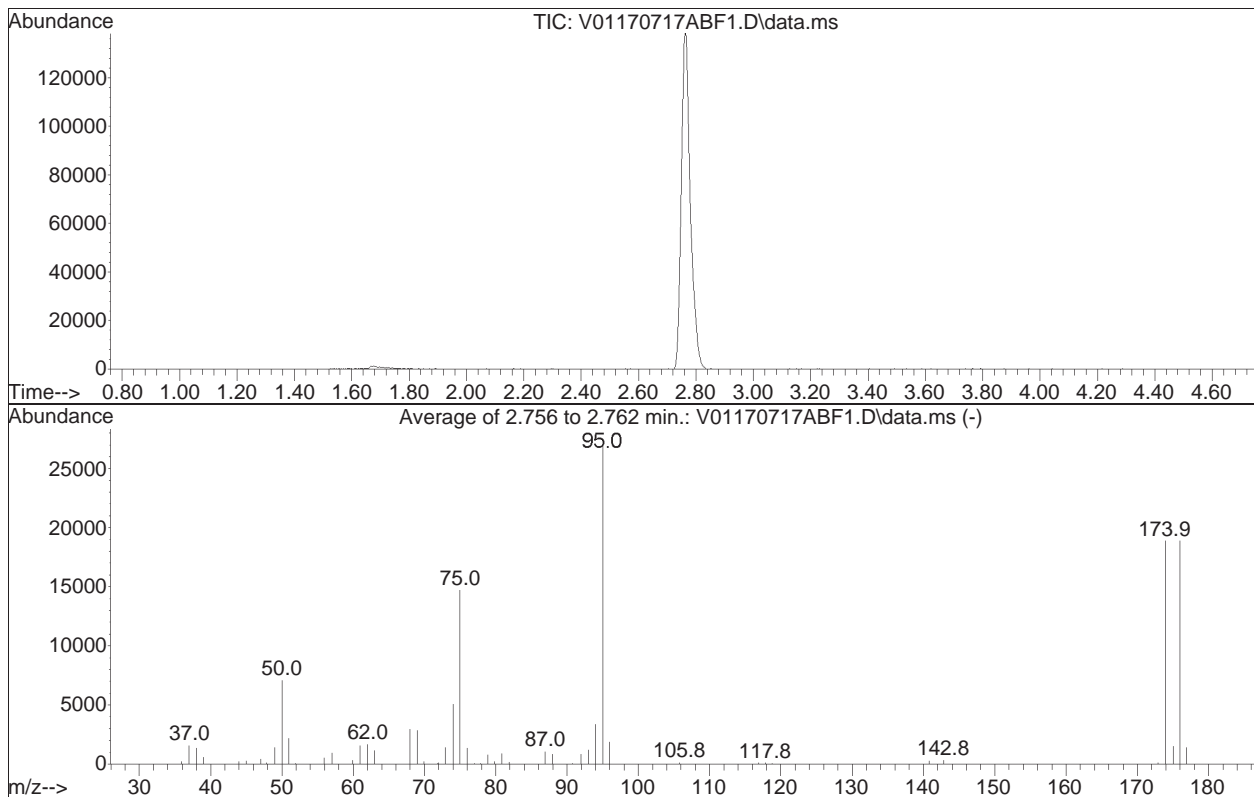
Spectrum Information: Average of 3.207 to 3.219 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	20.5	25747	PASS
75	95	30	60	48.5	61061	PASS
95	95	100	100	100.0	125896	PASS
96	95	5	9	6.3	7954	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	86.6	108995	PASS
175	174	5	9	7.8	8514	PASS
176	174	95	101	97.4	106152	PASS
177	176	5	9	6.6	6984	PASS

Data Path : I:\VOLATILES\VOA101\2017\170717A\
 Data File : V01170717ABF1.D
 Acq On : 17 Jul 2017 9:18
 Operator : VOA101:PD
 Sample : WG1023276-1
 Misc : WG1023276,ICAL13786
 ALS Vial : 1 Sample Multiplier: 1

Integration File: rteint.p

Method : I:\VOLATILES\VOA101\2017\170717A\V101_170629B_8260.m
 Title : VOLATILES BY GC/MS
 Last Update : Fri Jun 30 16:37:53 2017



AutoFind: Scans 427, 428, 429; Background Corrected with Scan 414

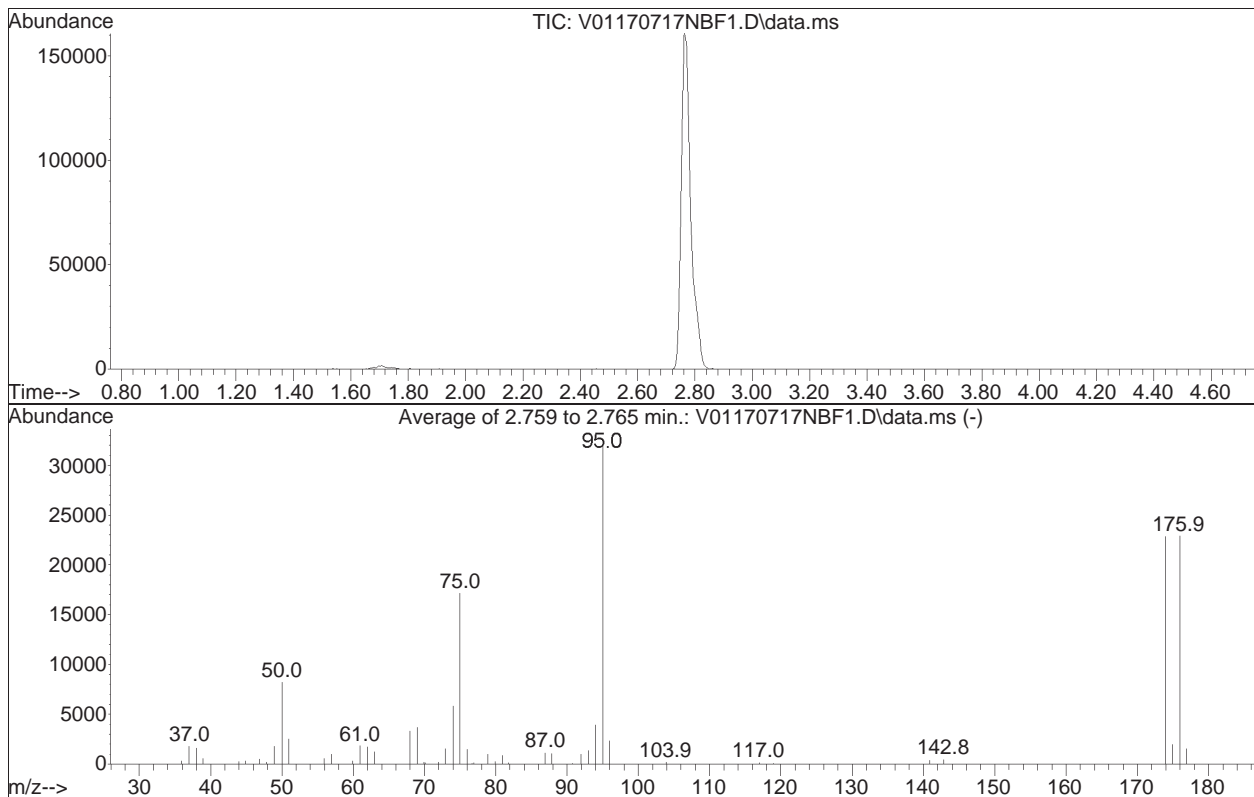
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	26.2	7068	PASS
75	95	30	60	54.5	14722	PASS
95	95	100	100	100.0	27021	PASS
96	95	5	9	6.9	1867	PASS
173	174	0.00	2	0.7	129	PASS
174	95	50	100	69.9	18896	PASS
175	174	5	9	8.1	1532	PASS
176	174	95	101	99.9	18880	PASS
177	176	5	9	7.3	1377	PASS

BFB

Data Path : I:\VOLATILES\VOA101\2017\170717N\
 Data File : V01170717NBF1.D
 Acq On : 17 Jul 2017 7:51 pm
 Operator : VOA101:PK
 Sample : WG1023473-1
 Misc : WG1023473
 ALS Vial : 1 Sample Multiplier: 1

Integration File: rteint.p

Method : I:\VOLATILES\VOA101\2017\170717N\V101_170629B_8260.m
 Title : VOLATILES BY GC/MS
 Last Update : Fri Jun 30 16:37:53 2017



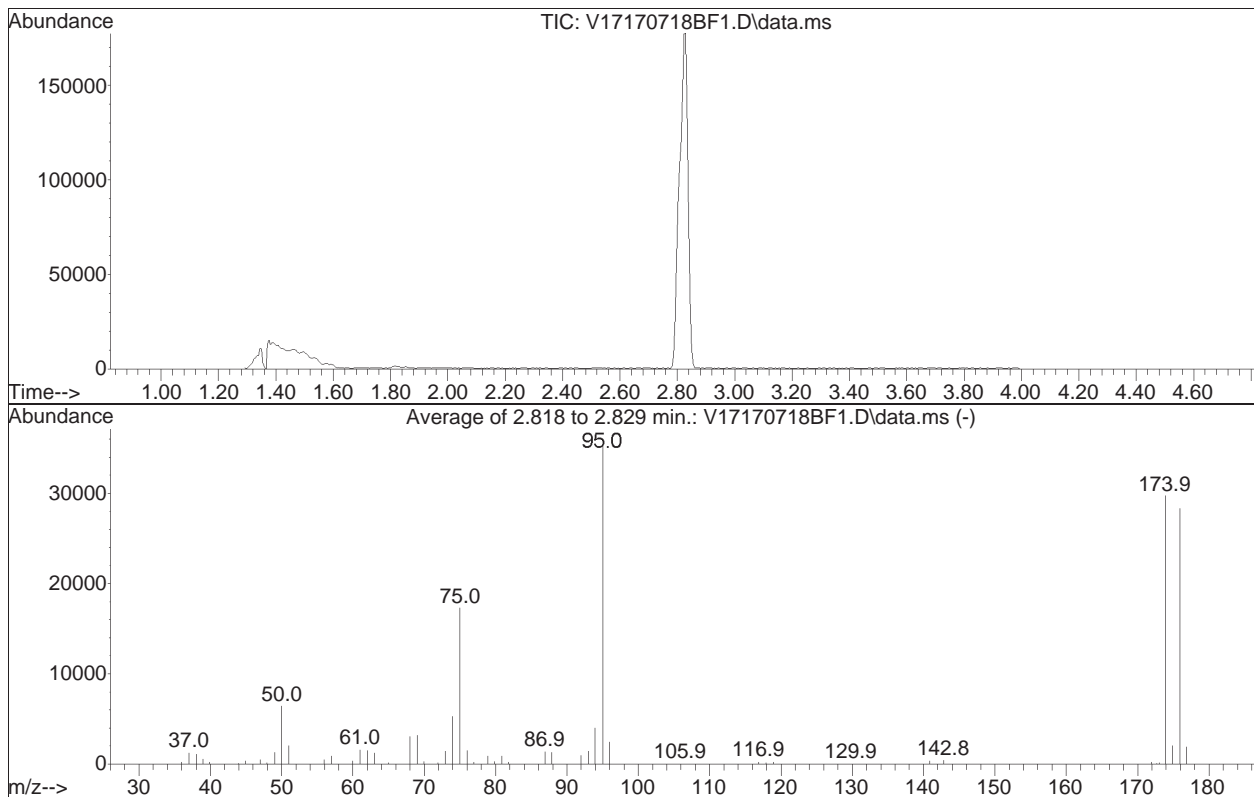
AutoFind: Scans 428, 429, 430; Background Corrected with Scan 414

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	25.6	8198	PASS
75	95	30	60	53.6	17193	PASS
95	95	100	100	100.0	32064	PASS
96	95	5	9	7.3	2331	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	71.2	22843	PASS
175	174	5	9	8.5	1934	PASS
176	174	95	101	100.4	22939	PASS
177	176	5	9	6.7	1534	PASS

Data Path : I:\VOLATILES\VOA117\2017\170718A\
 Data File : V17170718BF1.D
 Acq On : 18 Jul 2017 06:53
 Operator : VOA117:CBN
 Sample : WG1023786-1
 Misc : WG1023786,ICAL13689
 ALS Vial : 1 Sample Multiplier: 1

Integration File: rteint.p

Method : I:\VOLATILES\VOA117\2017\170718A\V117_170525_8260.m
 Title : VOLATILES BY GC/MS
 Last Update : Thu May 25 12:01:44 2017



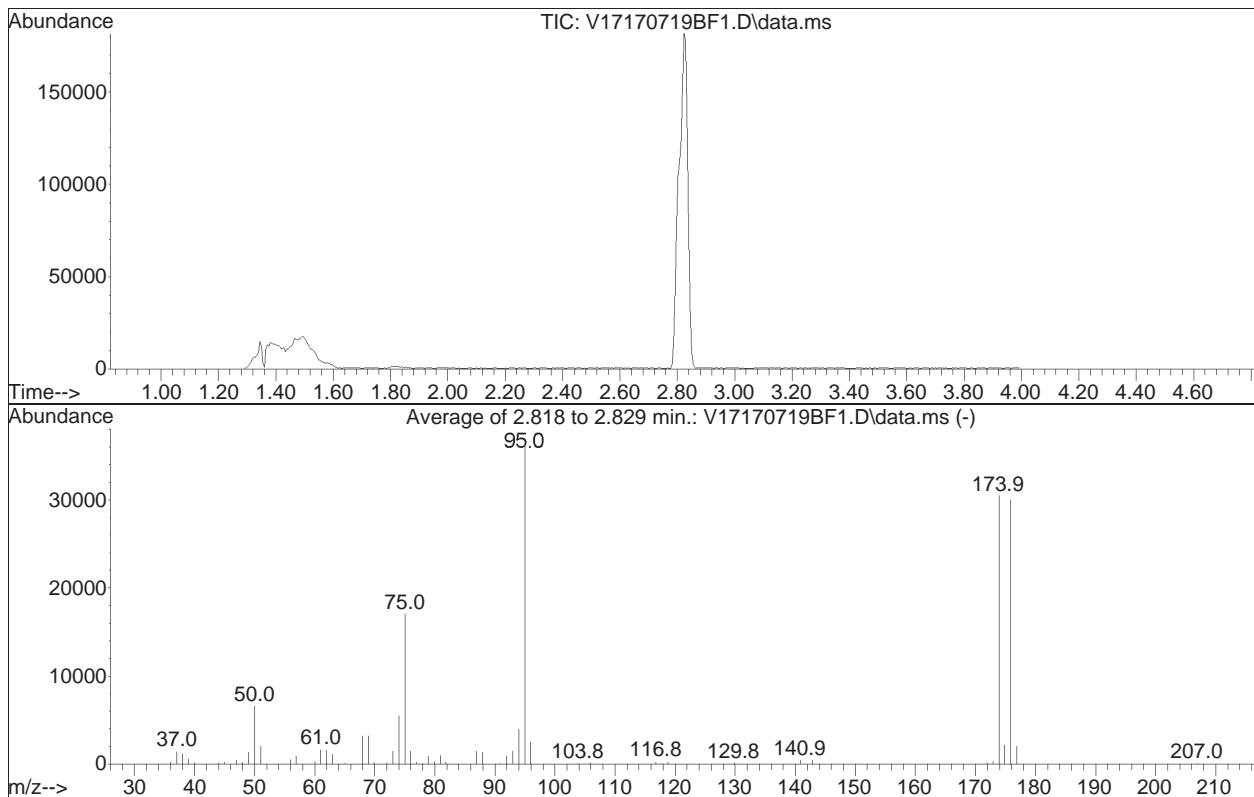
Spectrum Information: Average of 2.818 to 2.829 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	18.2	6431	PASS
75	95	30	60	48.9	17316	PASS
95	95	100	100	100.0	35392	PASS
96	95	5	9	6.9	2441	PASS
173	174	0.00	2	0.6	183	PASS
174	95	50	100	84.0	29725	PASS
175	174	5	9	6.9	2064	PASS
176	174	95	101	95.4	28344	PASS
177	176	5	9	6.8	1915	PASS

Data Path : I:\VOLATILES\VOA117\2017\170719A\
 Data File : V17170719BF1.D
 Acq On : 19 Jul 2017 06:46
 Operator : VOA117:CBN
 Sample : WG1023786-6
 Misc : WG1023786,ICAL13689
 ALS Vial : 1 Sample Multiplier: 1

Integration File: rteint.p

Method : I:\VOLATILES\VOA117\2017\170719A\V117_170525_8260.m
 Title : VOLATILES BY GC/MS
 Last Update : Thu May 25 12:01:44 2017



Spectrum Information: Average of 2.818 to 2.829 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	18.1	6580	PASS
75	95	30	60	47.1	17078	PASS
95	95	100	100	100.0	36267	PASS
96	95	5	9	6.9	2501	PASS
173	174	0.00	2	1.0	315	PASS
174	95	50	100	84.0	30459	PASS
175	174	5	9	7.1	2177	PASS
176	174	95	101	98.4	29981	PASS
177	176	5	9	6.7	2011	PASS

Volatiles Raw QC Data

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA104\2017\170714A\
 Data File : V04170714A05.D
 Acq On : 14 Jul 2017 9:27
 Operator : VOA104:MV
 Sample : WG1022759-5,31,5,5
 Misc : WG1022759,ICAL13672
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 14 10:06:14 2017
 Quant Method : I:\VOLATILES\VOA104\2017\170714A\V104_170517_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 18 06:45:13 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA104\2017\170714A\V04170714A01.D
 Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Fluorobenzene	5.917	96	108367	20.000	ug/L	0.00
Standard Area 1 = 118675			Recovery =	91.31%		
59) Chlorobenzene-d5	9.441	117	95121	20.000	ug/L	0.00
Standard Area 1 = 108339			Recovery =	87.80%		
79) 1,4-Dichlorobenzene-d4	12.162	152	51588	20.000	ug/L	0.00
Standard Area 1 = 57619			Recovery =	89.53%		
System Monitoring Compounds						
36) Dibromofluoromethane	5.120	113	31444	20.619	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery =	103.10%		
43) 1,2-Dichloroethane-d4	5.645	65	33605	24.048	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery =	120.24%		
60) Toluene-d8	7.600	98	110682	20.003	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery =	100.02%		
83) 4-Bromofluorobenzene	10.945	95	44965	19.841	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery =	99.21%		
Target Compounds						
2) Dichlorodifluoromethane	0.000		0		N.D.	
3) Chloromethane	1.801	50	1282	0.533	ug/L #	62
4) Vinyl chloride	0.000		0		N.D.	
5) Bromomethane	2.184	94	2132	1.618	ug/L	85
6) Chloroethane	0.000		0		N.D.	
7) Trichlorofluoromethane	0.000		0		N.D.	
8) Ethyl ether	0.000		0		N.D.	
10) 1,1-Dichloroethene	0.000		0		N.D.	
11) Carbon disulfide	2.897	76	6418	1.006	ug/L #	84
15) Methylene chloride	3.442	84	290	0.160	ug/L #	59
17) Acetone	0.000		0		N.D. d	
18) trans-1,2-Dichloroethene	0.000		0		N.D.	
20) Methyl tert-butyl ether	0.000		0		N.D.	
23) 1,1-Dichloroethane	0.000		0		N.D.	
25) Acrylonitrile	0.000		0		N.D.	
27) Vinyl acetate	0.000		0		N.D.	
28) cis-1,2-Dichloroethene	0.000		0		N.D.	
29) 2,2-Dichloropropane	0.000		0		N.D.	
30) Bromochloromethane	0.000		0		N.D.	
32) Chloroform	0.000		0		N.D.	

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA104\2017\170714A\
 Data File : V04170714A05.D
 Acq On : 14 Jul 2017 9:27
 Operator : VOA104:MV
 Sample : WG1022759-5,31,5,5
 Misc : WG1022759,ICAL13672
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 14 10:06:14 2017
 Quant Method : I:\VOLATILES\VOA104\2017\170714A\V104_170517_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 18 06:45:13 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA104\2017\170714A\V04170714A01.D
 Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Carbon tetrachloride	0.000		0		N.D.	
37) 1,1,1-Trichloroethane	0.000		0		N.D.	
39) 2-Butanone	0.000		0		N.D.	
40) 1,1-Dichloropropene	0.000		0		N.D.	
41) Benzene	5.503	78	790	0.127	ug/L #	54
44) 1,2-Dichloroethane	0.000		0		N.D.	
48) Trichloroethene	0.000		0		N.D.	
50) Dibromomethane	0.000		0		N.D.	
51) 1,2-Dichloropropane	0.000		0		N.D.	
54) Bromodichloromethane	0.000		0		N.D.	
57) 1,4-Dioxane	0.000		0		N.D.	
58) cis-1,3-Dichloropropene	0.000		0		N.D.	
61) Toluene	0.000		0		N.D.	
62) 4-Methyl-2-pentanone	0.000		0		N.D.	
63) Tetrachloroethene	0.000		0		N.D.	
65) trans-1,3-Dichloropropene	0.000		0		N.D.	
68) 1,1,2-Trichloroethane	0.000		0		N.D.	
69) Chlorodibromomethane	0.000		0		N.D.	
70) 1,3-Dichloropropane	0.000		0		N.D.	
71) 1,2-Dibromoethane	0.000		0		N.D.	
72) 2-Hexanone	0.000		0		N.D.	
73) Chlorobenzene	0.000		0		N.D.	
74) Ethylbenzene	0.000		0		N.D.	
75) 1,1,1,2-Tetrachloroethane	0.000		0		N.D.	
76) p/m Xylene	0.000		0		N.D.	
77) o Xylene	0.000		0		N.D.	
78) Styrene	0.000		0		N.D.	
80) Bromoform	0.000		0		N.D.	
82) Isopropylbenzene	0.000		0		N.D.	
84) Bromobenzene	0.000		0		N.D.	
85) n-Propylbenzene	0.000		0		N.D.	
87) 1,1,2,2-Tetrachloroethane	0.000		0		N.D.	
88) 4-Ethyltoluene	0.000		0		N.D.	
89) 2-Chlorotoluene	0.000		0		N.D.	
90) 1,3,5-Trimethylbenzene	0.000		0		N.D.	
91) 1,2,3-Trichloropropane	0.000		0		N.D.	
92) trans-1,4-Dichloro-2-b...	0.000		0		N.D.	
93) 4-Chlorotoluene	0.000		0		N.D.	
94) tert-Butylbenzene	0.000		0		N.D.	

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA104\2017\170714A\
 Data File : V04170714A05.D
 Acq On : 14 Jul 2017 9:27
 Operator : VOA104:MV
 Sample : WG1022759-5,31,5,5
 Misc : WG1022759,ICAL13672
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 14 10:06:14 2017
 Quant Method : I:\VOLATILES\VOA104\2017\170714A\V104_170517_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 18 06:45:13 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA104\2017\170714A\V04170714A01.D
 Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97) 1,2,4-Trimethylbenzene	0.000		0		N.D.	
98) sec-Butylbenzene	0.000		0		N.D.	
99) p-Isopropyltoluene	0.000		0		N.D.	
100) 1,3-Dichlorobenzene	0.000		0		N.D.	
101) 1,4-Dichlorobenzene	0.000		0		N.D.	
102) p-Diethylbenzene	0.000		0		N.D.	
103) n-Butylbenzene	0.000		0		N.D.	
104) 1,2-Dichlorobenzene	0.000		0		N.D.	
105) 1,2,4,5-Tetramethylben...	13.195	119	194		N.D.	
106) 1,2-Dibromo-3-chloropr...	0.000		0		N.D.	
108) Hexachlorobutadiene	0.000		0		N.D.	
109) 1,2,4-Trichlorobenzene	0.000		0		N.D.	
110) Naphthalene	14.353	128	105		N.D.	
111) 1,2,3-Trichlorobenzene	0.000		0		N.D.	

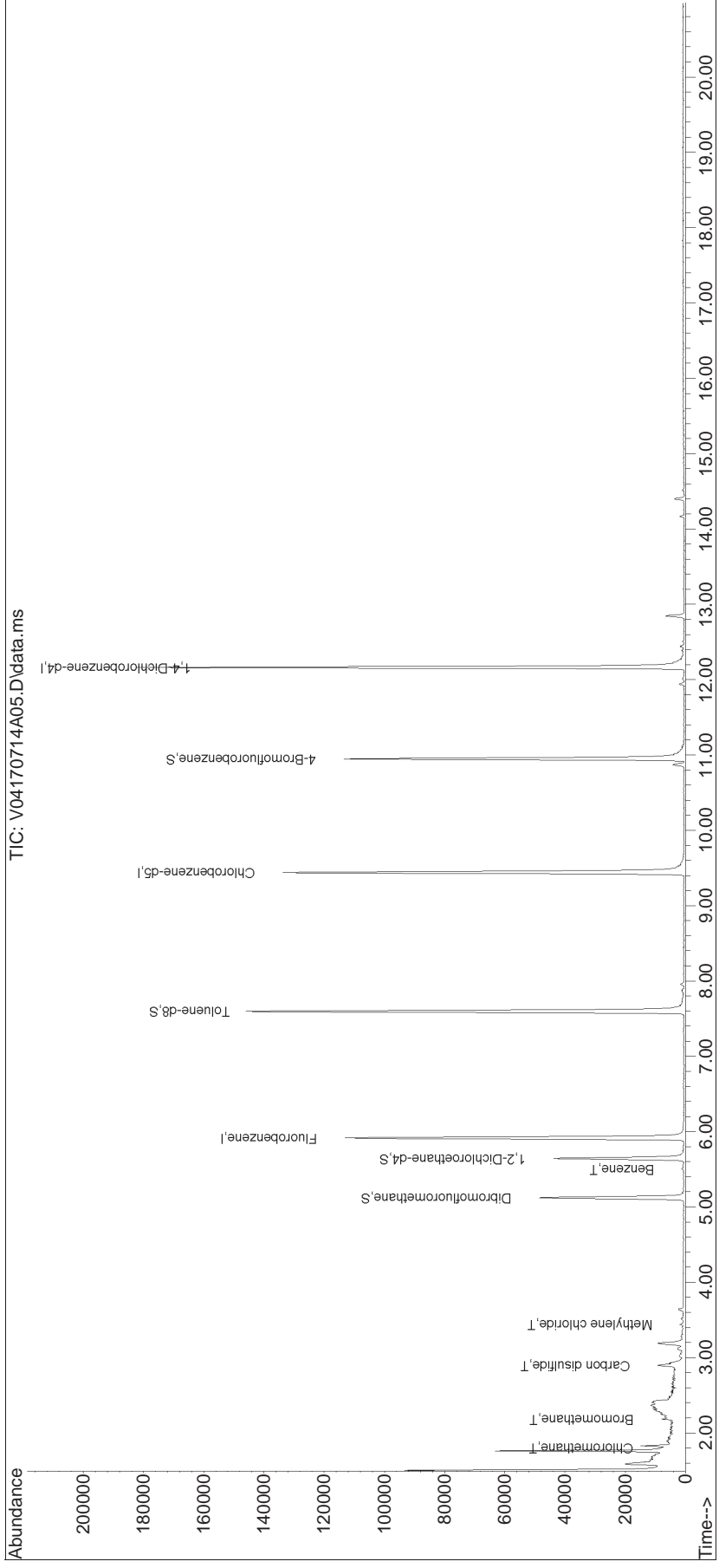
(#) = qualifier out of range (m) = manual integration (+) = signals summed

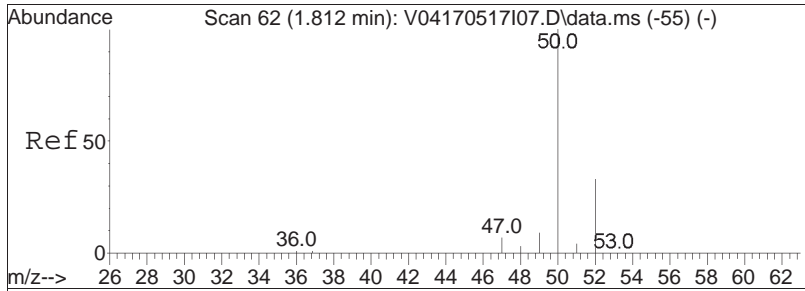
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA104\2017\170714A\
Data File : V04170714A05.D
Acq On : 14 Jul 2017 9:27
Operator : VOA104:MV
Sample : WG1022759-5,31,5,5
Misc : WG1022759,ICAL13672
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 14 10:06:14 2017
Quant Method : I:\VOLATILES\VOA104\2017\170714A\V104_170517_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu May 18 06:45:13 2017
Response via : Initial Calibration

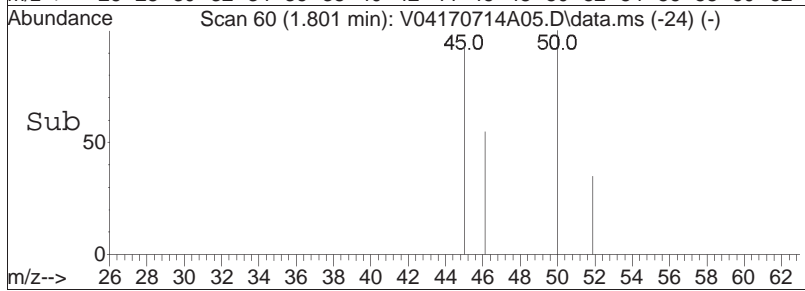
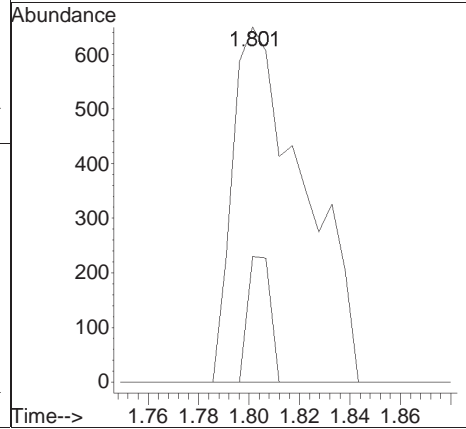
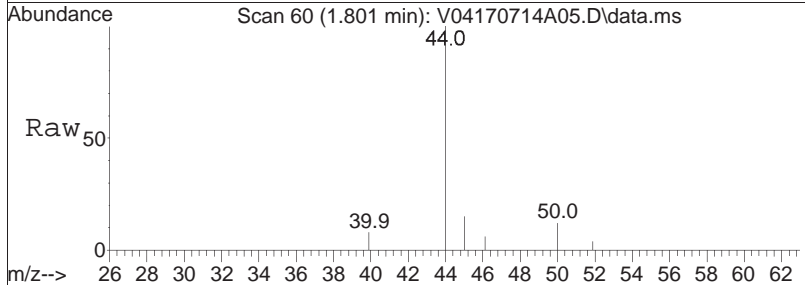
Sub List : 8260-CurveSoil - Megamix plus Diox4A\V04170714A01.D•

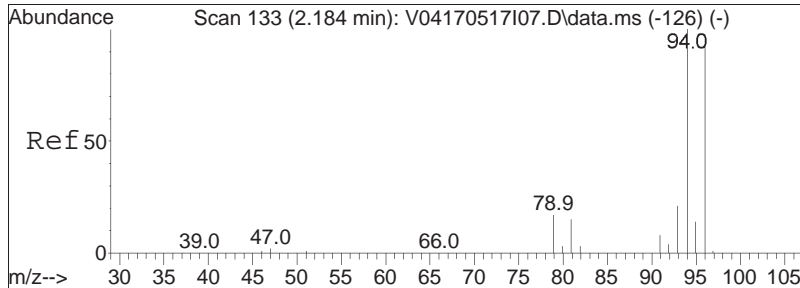




#3
 Chloromethane
 Concen: 0.53 ug/L
 RT: 1.801 min Scan# 60
 Delta R.T. -0.011 min
 Lab File: V04170714A05.D
 Acq: 14 Jul 2017 9:27

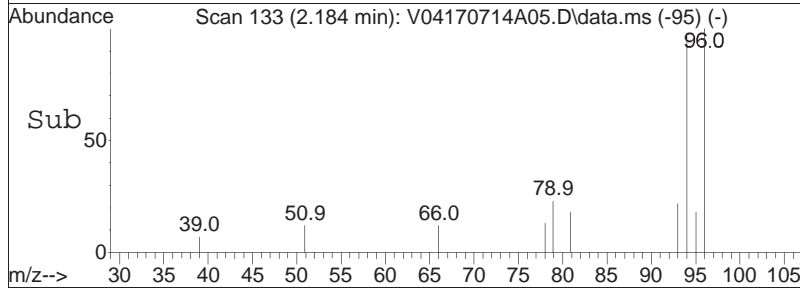
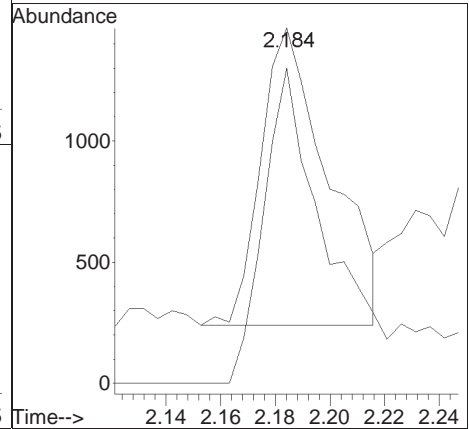
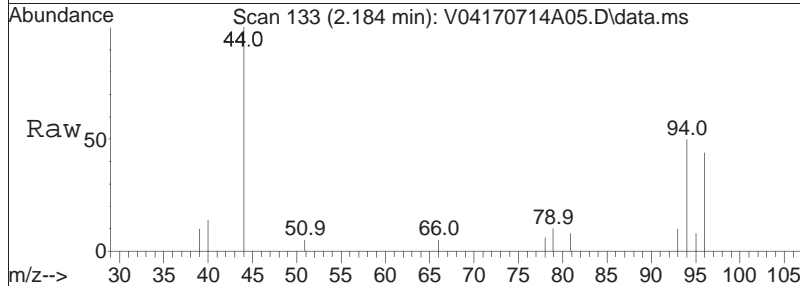
Tgt Ion: 50 Resp: 1282
 Ion Ratio Lower Upper
 50 100
 52 11.2 12.7 52.7#

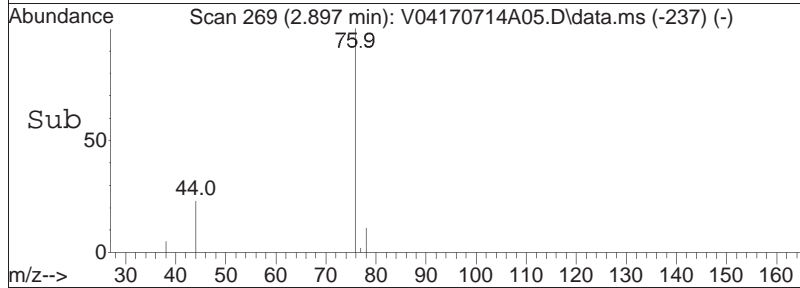
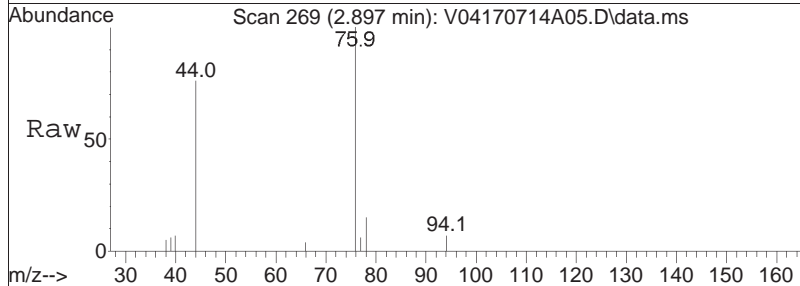
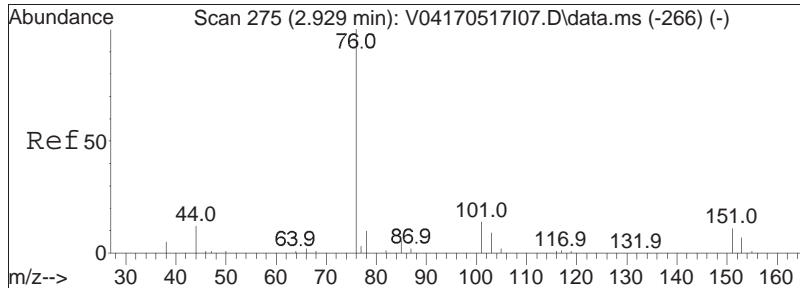




#5
 Bromomethane
 Concen: 1.62 ug/L
 RT: 2.184 min Scan# 133
 Delta R.T. 0.000 min
 Lab File: V04170714A05.D
 Acq: 14 Jul 2017 9:27

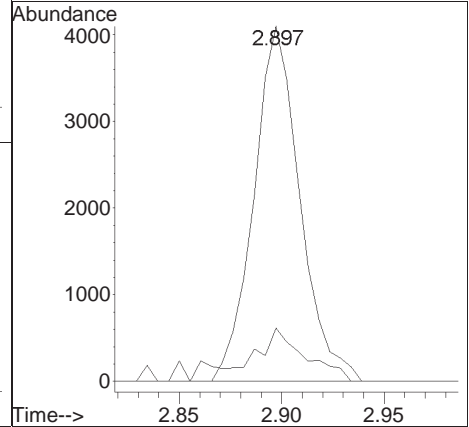
Tgt Ion: 94 Resp: 2132
 Ion Ratio Lower Upper
 94 100
 96 109.6 74.7 114.7

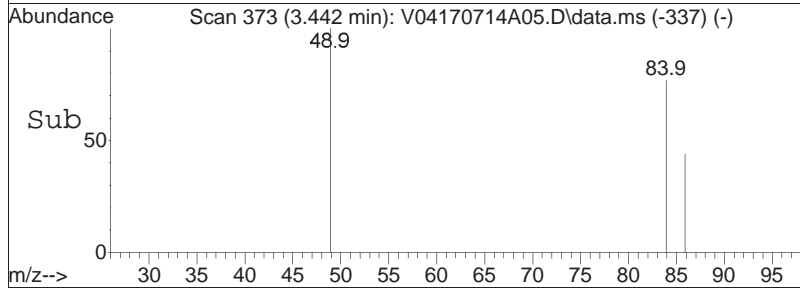
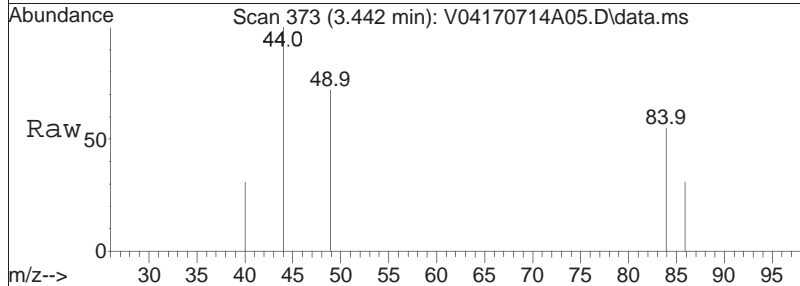
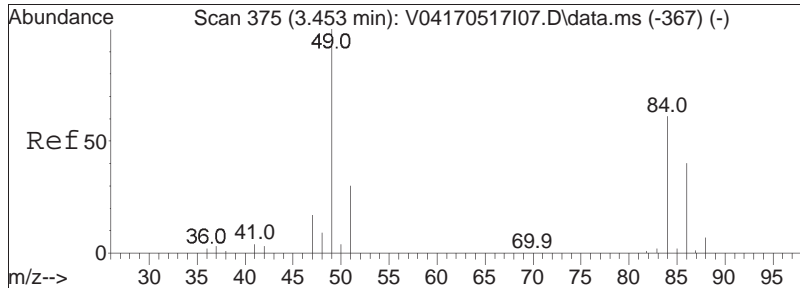




#11
 Carbon disulfide
 Concen: 1.01 ug/L
 RT: 2.897 min Scan# 269
 Delta R.T. -0.032 min
 Lab File: V04170714A05.D
 Acq: 14 Jul 2017 9:27

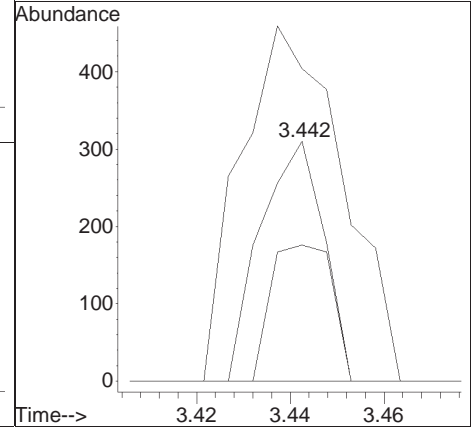
Tgt Ion	Resp	Lower	Upper
76	100		
78	15.8	6.5	13.5#

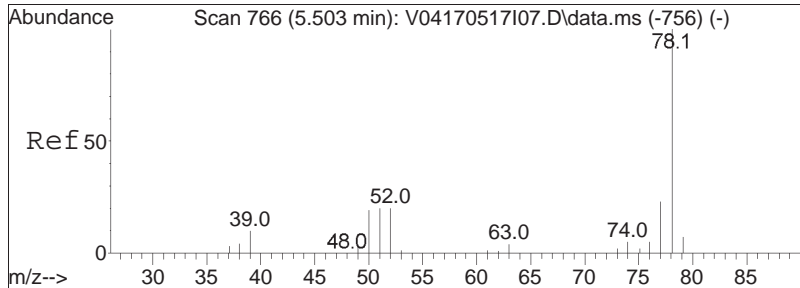




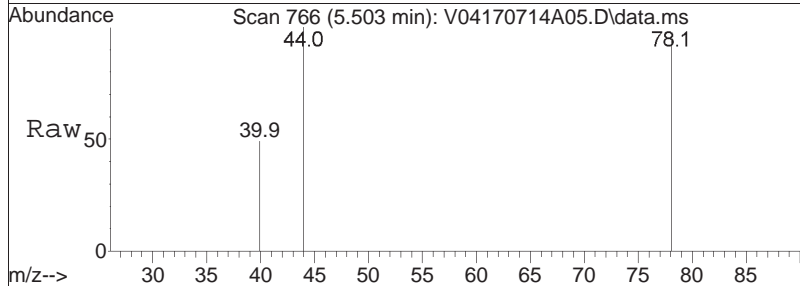
#15
 Methylene chloride
 Concen: 0.16 ug/L
 RT: 3.442 min Scan# 373
 Delta R.T. -0.011 min
 Lab File: V04170714A05.D
 Acq: 14 Jul 2017 9:27

Tgt Ion:	84	Resp:	290
Ion Ratio	100	Lower	Upper
86	55.2	41.3	85.9
49	238.6	109.1	226.7#

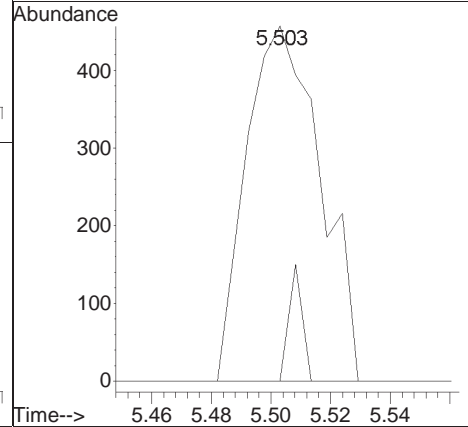
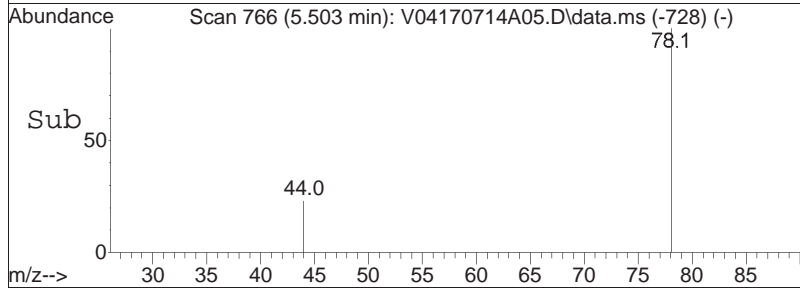




#41
Benzene
Concen: 0.13 ug/L
RT: 5.503 min Scan# 766
Delta R.T. -0.000 min
Lab File: V04170714A05.D
Acq: 14 Jul 2017 9:27



Tgt Ion	Ratio	Lower	Upper
78	100		
77	0.0	15.2	31.6#
51	0.0	14.1	29.3#
52	0.0	14.0	29.2#



Manual Integration Report

Data Path : I:\VOLATILES\VOA104\2017\1QMethod : V104_170517_8260.m
Data File : V04170714A05.D Operator : VOA104:MV
Date Inj'd : 7/14/2017 9:27 Instrument : VOA 104
Sample : WG1022759-5,31,5,5 Quant Date : 7/14/2017 10:02 am

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA117\2017\170716A\
 Data File : V17170716A05.D
 Acq On : 16 Jul 2017 09:43 am
 Operator : VOA117:CBN
 Sample : WG1023115-5,31,5,5
 Misc : WG1023115,ICAL13689
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 16 11:41:12 2017
 Quant Method : I:\VOLATILES\VOA117\2017\170716A\V117_170525_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 25 12:01:44 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA117\2017\170716A\V17170716A01.D
 Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	

Internal Standards							
1) Fluorobenzene	6.347	96	133954	20.000	ug/L	0.00	
Standard Area 1 = 144303			Recovery =	92.83%			
59) Chlorobenzene-d5	9.913	117	105439	20.000	ug/L	0.00	
Standard Area 1 = 109443			Recovery =	96.34%			
79) 1,4-Dichlorobenzene-d4	12.534	152	55497	20.000	ug/L	0.00	
Standard Area 1 = 60580			Recovery =	91.61%			
System Monitoring Compounds							
36) Dibromofluoromethane	5.519	113	37106	20.758	ug/L	0.00	
Spiked Amount 20.000	Range 70 - 130		Recovery =	103.79%			
43) 1,2-Dichloroethane-d4	6.059	65	34108	18.638	ug/L	0.00	
Spiked Amount 20.000	Range 70 - 130		Recovery =	93.19%			
60) Toluene-d8	8.057	98	137479	20.143	ug/L	0.00	
Spiked Amount 20.000	Range 70 - 130		Recovery =	100.72%			
83) 4-Bromofluorobenzene	11.355	95	49293	20.339	ug/L	0.00	
Spiked Amount 20.000	Range 70 - 130		Recovery =	101.70%			
Target Compounds							
2) Dichlorodifluoromethane	0.000		0		N.D.		Qvalue
3) Chloromethane	1.980	50	60		N.D.		
4) Vinyl chloride	0.000		0		N.D.		
5) Bromomethane	0.000		0		N.D. d		
6) Chloroethane	0.000		0		N.D.		
7) Trichlorofluoromethane	0.000		0		N.D.		
8) Ethyl ether	0.000		0		N.D.		
10) 1,1-Dichloroethene	0.000		0		N.D.		
11) Carbon disulfide	3.223	76	34071	4.301	ug/L	97	
15) Methylene chloride	3.778	84	1630	0.696	ug/L	83	
17) Acetone	0.000		0		N.D. d		
18) trans-1,2-Dichloroethene	0.000		0		N.D.		
20) Methyl tert-butyl ether	0.000		0		N.D.		
23) 1,1-Dichloroethane	0.000		0		N.D.		
25) Acrylonitrile	0.000		0		N.D.		
27) Vinyl acetate	0.000		0		N.D.		
28) cis-1,2-Dichloroethene	0.000		0		N.D.		
29) 2,2-Dichloropropane	0.000		0		N.D.		
30) Bromochloromethane	0.000		0		N.D.		
32) Chloroform	0.000		0		N.D.		

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA117\2017\170716A\
 Data File : V17170716A05.D
 Acq On : 16 Jul 2017 09:43 am
 Operator : VOA117:CBN
 Sample : WG1023115-5,31,5,5
 Misc : WG1023115,ICAL13689
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 16 11:41:12 2017
 Quant Method : I:\VOLATILES\VOA117\2017\170716A\V117_170525_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 25 12:01:44 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA117\2017\170716A\V17170716A01.D
 Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Carbon tetrachloride	0.000		0		N.D.	
37) 1,1,1-Trichloroethane	0.000		0		N.D.	
39) 2-Butanone	0.000		0		N.D.	
40) 1,1-Dichloropropene	0.000		0		N.D.	
41) Benzene	0.000		0		N.D.	d
44) 1,2-Dichloroethane	0.000		0		N.D.	
48) Trichloroethene	0.000		0		N.D.	
50) Dibromomethane	0.000		0		N.D.	
51) 1,2-Dichloropropane	0.000		0		N.D.	
54) Bromodichloromethane	0.000		0		N.D.	
57) 1,4-Dioxane	0.000		0		N.D.	
58) cis-1,3-Dichloropropene	0.000		0		N.D.	
61) Toluene	0.000		0		N.D.	
62) 4-Methyl-2-pentanone	0.000		0		N.D.	
63) Tetrachloroethene	0.000		0		N.D.	
65) trans-1,3-Dichloropropene	0.000		0		N.D.	
68) 1,1,2-Trichloroethane	0.000		0		N.D.	
69) Chlorodibromomethane	0.000		0		N.D.	
70) 1,3-Dichloropropane	0.000		0		N.D.	
71) 1,2-Dibromoethane	0.000		0		N.D.	
72) 2-Hexanone	0.000		0		N.D.	
73) Chlorobenzene	0.000		0		N.D.	
74) Ethylbenzene	0.000		0		N.D.	
75) 1,1,1,2-Tetrachloroethane	0.000		0		N.D.	
76) p/m Xylene	0.000		0		N.D.	
77) o Xylene	0.000		0		N.D.	
78) Styrene	0.000		0		N.D.	
80) Bromoform	0.000		0		N.D.	
82) Isopropylbenzene	0.000		0		N.D.	
84) Bromobenzene	0.000		0		N.D.	
85) n-Propylbenzene	0.000		0		N.D.	
87) 1,1,2,2-Tetrachloroethane	0.000		0		N.D.	
88) 4-Ethyltoluene	0.000		0		N.D.	
89) 2-Chlorotoluene	0.000		0		N.D.	
90) 1,3,5-Trimethylbenzene	0.000		0		N.D.	
91) 1,2,3-Trichloropropane	0.000		0		N.D.	
92) trans-1,4-Dichloro-2-b...	0.000		0		N.D.	
93) 4-Chlorotoluene	0.000		0		N.D.	
94) tert-Butylbenzene	0.000		0		N.D.	

Quantitation Report (QT Reviewed)

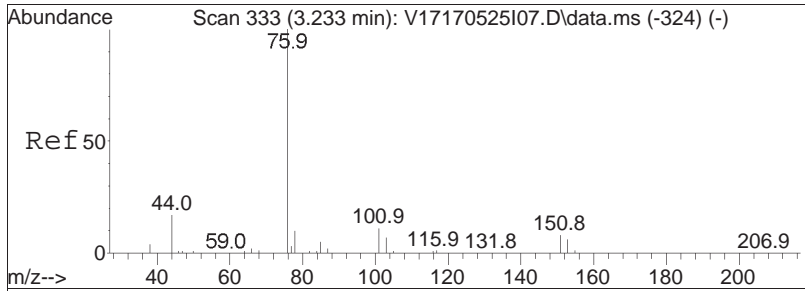
Data Path : I:\VOLATILES\VOA117\2017\170716A\
 Data File : V17170716A05.D
 Acq On : 16 Jul 2017 09:43 am
 Operator : VOA117:CBN
 Sample : WG1023115-5,31,5,5
 Misc : WG1023115,ICAL13689
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 16 11:41:12 2017
 Quant Method : I:\VOLATILES\VOA117\2017\170716A\V117_170525_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 25 12:01:44 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA117\2017\170716A\V17170716A01.D
 Sub List : 8260-CurveSoil - Megamix plus Diox

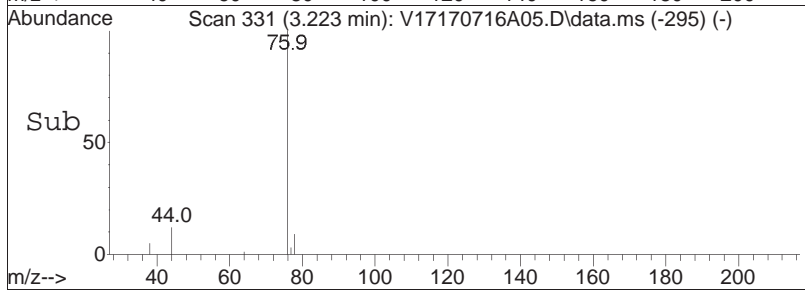
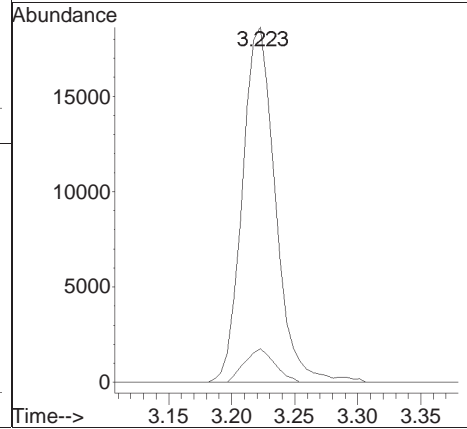
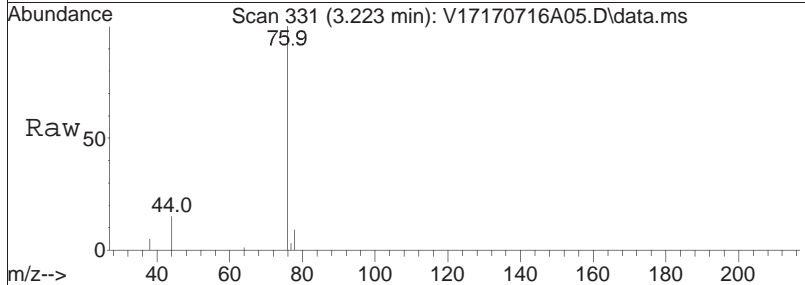
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97) 1,2,4-Trimethylbenzene	0.000		0		N.D.	
98) sec-Butylbenzene	0.000		0		N.D.	
99) p-Isopropyltoluene	0.000		0		N.D.	
100) 1,3-Dichlorobenzene	0.000		0		N.D.	
101) 1,4-Dichlorobenzene	0.000		0		N.D.	
102) p-Diethylbenzene	0.000		0		N.D.	
103) n-Butylbenzene	0.000		0		N.D.	
104) 1,2-Dichlorobenzene	0.000		0		N.D.	
105) 1,2,4,5-Tetramethylben...	0.000		0		N.D.	
106) 1,2-Dibromo-3-chloropr...	0.000		0		N.D.	
108) Hexachlorobutadiene	0.000		0		N.D.	
109) 1,2,4-Trichlorobenzene	0.000		0		N.D.	
110) Naphthalene	14.653	128	340		N.D.	
111) 1,2,3-Trichlorobenzene	0.000		0		N.D.	

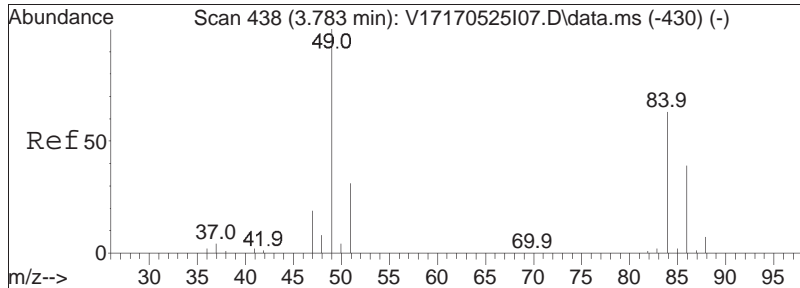
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#11
 Carbon disulfide
 Concen: 4.30 ug/L
 RT: 3.223 min Scan# 331
 Delta R.T. -0.010 min
 Lab File: V17170716A05.D
 Acq: 16 Jul 2017 09:43 am

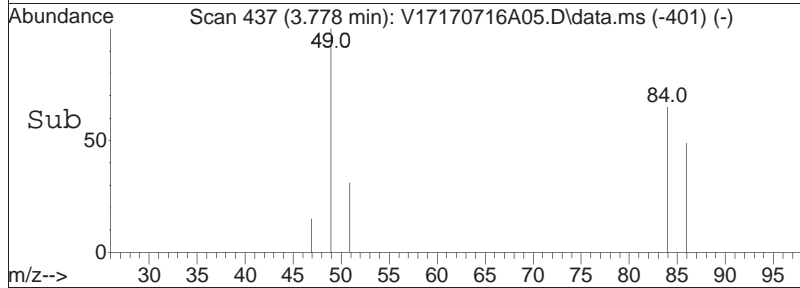
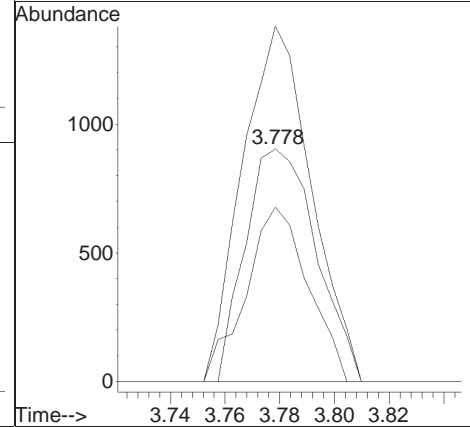
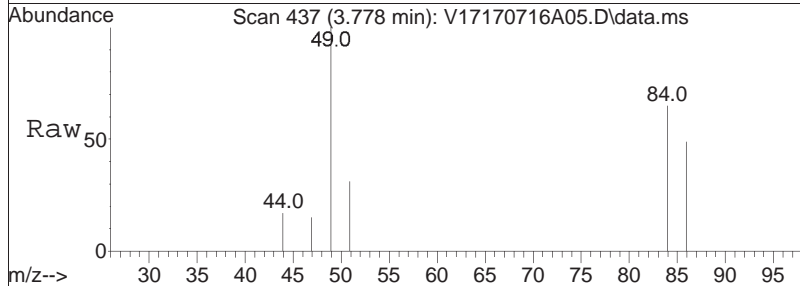
Tgt Ion:	76	Resp:	34071
Ion	Ratio	Lower	Upper
76	100		
78	8.7	6.4	13.4





#15
 Methylene chloride
 Concen: 0.70 ug/L
 RT: 3.778 min Scan# 437
 Delta R.T. -0.011 min
 Lab File: V17170716A05.D
 Acq: 16 Jul 2017 09:43 am

Tgt Ion:	84	Resp:	1630
Ion Ratio	Lower	Upper	
84	100		
86	65.7	42.4	88.2
49	148.5	117.3	243.5



Manual Integration Report

Data Path : I:\VOLATILES\VOA117\2017\1QMethod : V117_170525_8260.m
Data File : V17170716A05.D Operator : VOA117:CBN
Date Inj'd : 7/16/2017 9:43 am Instrument : VOA 117
Sample : WG1023115-5,31,5,5 Quant Date : 7/16/2017 11:40 am

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA104\2017\170716A\
 Data File : V04170716A05.D
 Acq On : 16 Jul 2017 9:44
 Operator : VOA104:CBN
 Sample : WG1023153-5,31,5,5
 Misc : WG1023153,ICAL13672
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 16 11:50:45 2017
 Quant Method : I:\VOLATILES\VOA104\2017\170716A\V104_170517_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 18 06:45:13 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA104\2017\170716A\V04170716A01.D
 Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Fluorobenzene	5.917	96	160858	20.000	ug/L	0.00
Standard Area 1 = 169470			Recovery =	94.92%		
59) Chlorobenzene-d5	9.441	117	125537	20.000	ug/L	0.00
Standard Area 1 = 130956			Recovery =	95.86%		
79) 1,4-Dichlorobenzene-d4	12.162	152	65381	20.000	ug/L	0.00
Standard Area 1 = 64627			Recovery =	101.17%		
System Monitoring Compounds						
36) Dibromofluoromethane	5.126	113	44750	19.768	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery =	98.84%		
43) 1,2-Dichloroethane-d4	5.645	65	45864	22.110	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery =	110.55%		
60) Toluene-d8	7.600	98	152621	20.899	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery =	104.50%		
83) 4-Bromofluorobenzene	10.951	95	59519	20.722	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery =	103.61%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	0.000		0		N.D.	
3) Chloromethane	0.000		0		N.D.	d
4) Vinyl chloride	0.000		0		N.D.	
5) Bromomethane	2.189	94	1795	0.741	ug/L	89
6) Chloroethane	2.305	64	49		N.D.	
7) Trichlorofluoromethane	0.000		0		N.D.	
8) Ethyl ether	0.000		0		N.D.	
10) 1,1-Dichloroethene	0.000		0		N.D.	
11) Carbon disulfide	2.918	76	23359	2.468	ug/L	99
15) Methylene chloride	3.448	84	786	0.292	ug/L	90
17) Acetone	3.516	43	1181	2.174	ug/L #	70
18) trans-1,2-Dichloroethene	0.000		0		N.D.	
20) Methyl tert-butyl ether	0.000		0		N.D.	
23) 1,1-Dichloroethane	0.000		0		N.D.	
25) Acrylonitrile	0.000		0		N.D.	
27) Vinyl acetate	0.000		0		N.D.	
28) cis-1,2-Dichloroethene	0.000		0		N.D.	
29) 2,2-Dichloropropane	0.000		0		N.D.	
30) Bromochloromethane	0.000		0		N.D.	
32) Chloroform	0.000		0		N.D.	

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA104\2017\170716A\
 Data File : V04170716A05.D
 Acq On : 16 Jul 2017 9:44
 Operator : VOA104:CBN
 Sample : WG1023153-5,31,5,5
 Misc : WG1023153,ICAL13672
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 16 11:50:45 2017
 Quant Method : I:\VOLATILES\VOA104\2017\170716A\V104_170517_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 18 06:45:13 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA104\2017\170716A\V04170716A01.D
 Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Carbon tetrachloride	0.000		0		N.D.	
37) 1,1,1-Trichloroethane	0.000		0		N.D.	
39) 2-Butanone	0.000		0		N.D.	
40) 1,1-Dichloropropene	0.000		0		N.D.	
41) Benzene	5.508	78	425		N.D.	
44) 1,2-Dichloroethane	0.000		0		N.D.	
48) Trichloroethene	0.000		0		N.D.	
50) Dibromomethane	0.000		0		N.D.	
51) 1,2-Dichloropropane	0.000		0		N.D.	
54) Bromodichloromethane	0.000		0		N.D.	
57) 1,4-Dioxane	0.000		0		N.D.	
58) cis-1,3-Dichloropropene	0.000		0		N.D.	
61) Toluene	7.663	92	337		N.D.	
62) 4-Methyl-2-pentanone	0.000		0		N.D.	
63) Tetrachloroethene	0.000		0		N.D.	
65) trans-1,3-Dichloropropene	0.000		0		N.D.	
68) 1,1,2-Trichloroethane	0.000		0		N.D.	
69) Chlorodibromomethane	0.000		0		N.D.	
70) 1,3-Dichloropropane	0.000		0		N.D.	
71) 1,2-Dibromoethane	0.000		0		N.D.	
72) 2-Hexanone	0.000		0		N.D.	
73) Chlorobenzene	0.000		0		N.D.	
74) Ethylbenzene	0.000		0		N.D.	
75) 1,1,1,2-Tetrachloroethane	0.000		0		N.D.	
76) p/m Xylene	0.000		0		N.D.	
77) o Xylene	0.000		0		N.D.	
78) Styrene	0.000		0		N.D.	
80) Bromoform	0.000		0		N.D.	
82) Isopropylbenzene	0.000		0		N.D.	
84) Bromobenzene	0.000		0		N.D.	
85) n-Propylbenzene	0.000		0		N.D.	
87) 1,1,2,2-Tetrachloroethane	0.000		0		N.D.	
88) 4-Ethyltoluene	0.000		0		N.D.	
89) 2-Chlorotoluene	0.000		0		N.D.	
90) 1,3,5-Trimethylbenzene	0.000		0		N.D.	
91) 1,2,3-Trichloropropane	0.000		0		N.D.	
92) trans-1,4-Dichloro-2-b...	0.000		0		N.D.	
93) 4-Chlorotoluene	0.000		0		N.D.	
94) tert-Butylbenzene	0.000		0		N.D.	

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA104\2017\170716A\
 Data File : V04170716A05.D
 Acq On : 16 Jul 2017 9:44
 Operator : VOA104:CBN
 Sample : WG1023153-5,31,5,5
 Misc : WG1023153,ICAL13672
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 16 11:50:45 2017
 Quant Method : I:\VOLATILES\VOA104\2017\170716A\V104_170517_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 18 06:45:13 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA104\2017\170716A\V04170716A01.D
 Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97) 1,2,4-Trimethylbenzene	11.774	105	228			N.D.
98) sec-Butylbenzene	11.774	105	228			N.D.
99) p-Isopropyltoluene	0.000		0			N.D.
100) 1,3-Dichlorobenzene	0.000		0			N.D.
101) 1,4-Dichlorobenzene	0.000		0			N.D.
102) p-Diethylbenzene	0.000		0			N.D.
103) n-Butylbenzene	0.000		0			N.D.
104) 1,2-Dichlorobenzene	0.000		0			N.D.
105) 1,2,4,5-Tetramethylben...	13.195	119	350			N.D.
106) 1,2-Dibromo-3-chloropr...	0.000		0			N.D.
108) Hexachlorobutadiene	0.000		0			N.D.
109) 1,2,4-Trichlorobenzene	0.000		0			N.D.
110) Naphthalene	14.353	128	455			N.D.
111) 1,2,3-Trichlorobenzene	0.000		0			N.D.

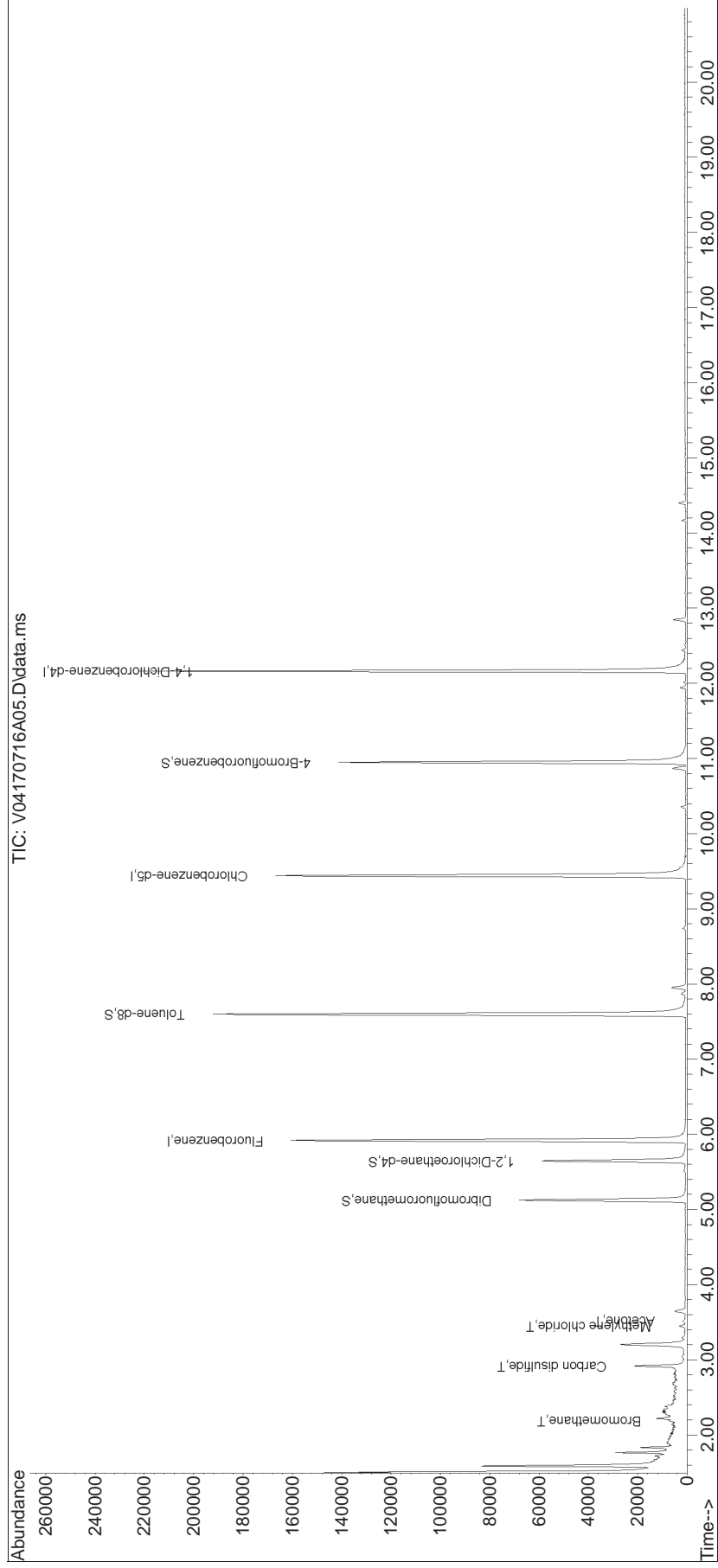
(#) = qualifier out of range (m) = manual integration (+) = signals summed

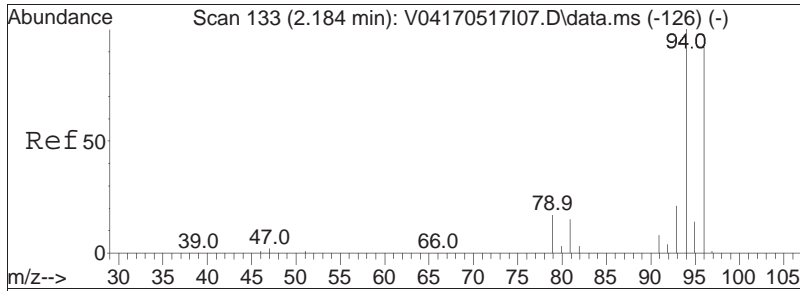
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA104\2017\170716A\
Data File : V04170716A05.D
Acq On : 16 Jul 2017 9:44
Operator : VOA104:CBN
Sample : WG1023153-5,31,5,5
Misc : WG1023153,ICAL13672
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 16 11:50:45 2017
Quant Method : I:\VOLATILES\VOA104\2017\170716A\V104_170517_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu May 18 06:45:13 2017
Response via : Initial Calibration

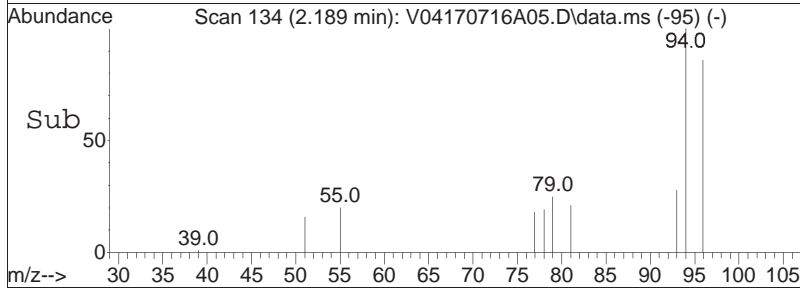
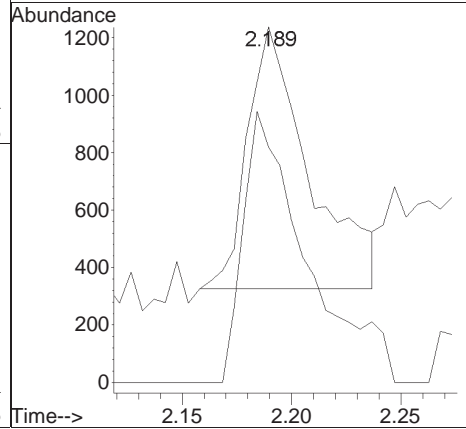
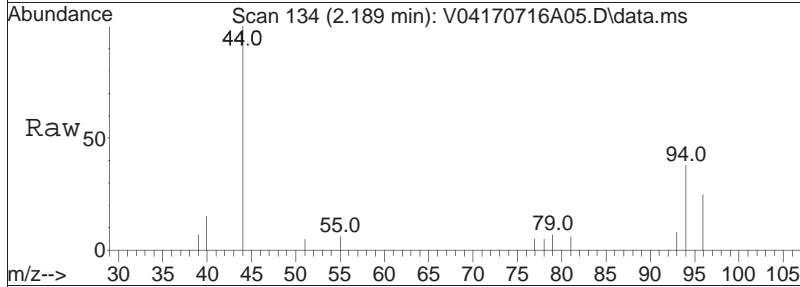
Sub List : 8260-CurveSoil - Megamix plus Diox6A\V04170716A01.D•

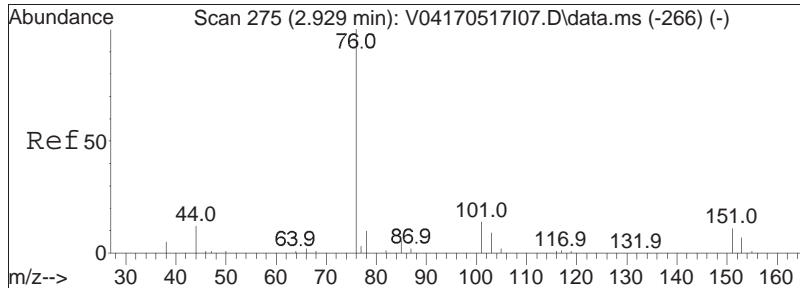




#5
 Bromomethane
 Concen: 0.74 ug/L
 RT: 2.189 min Scan# 134
 Delta R.T. 0.005 min
 Lab File: V04170716A05.D
 Acq: 16 Jul 2017 9:44

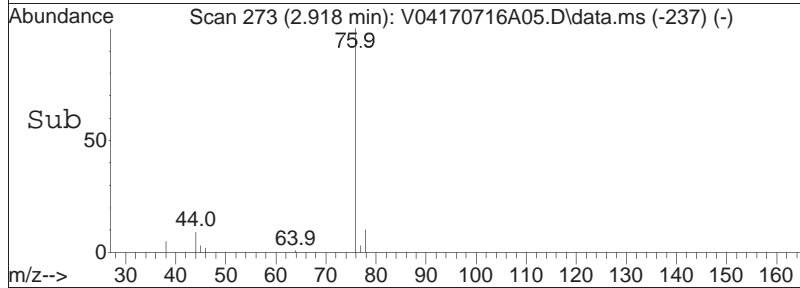
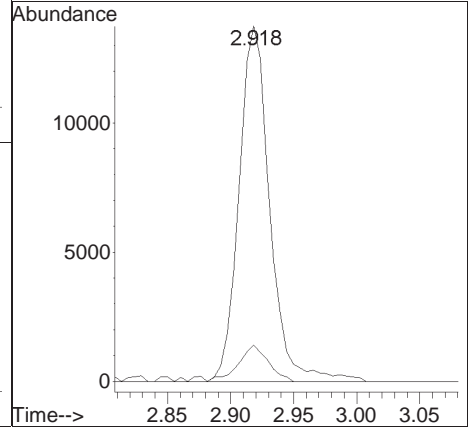
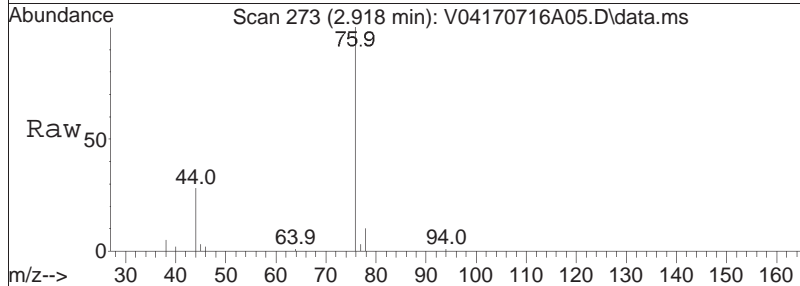
Tgt Ion: 94 Resp: 1795
 Ion Ratio Lower Upper
 94 100
 96 105.7 74.7 114.7

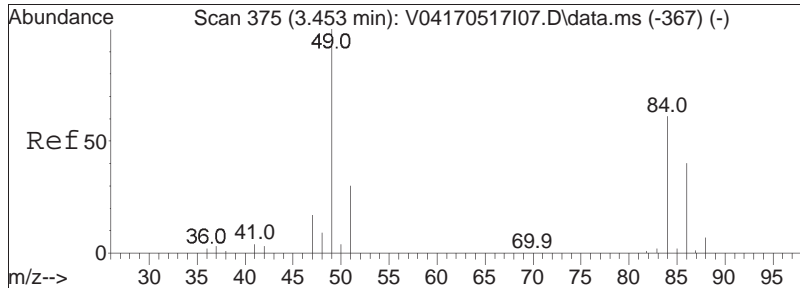




#11
 Carbon disulfide
 Concen: 2.47 ug/L
 RT: 2.918 min Scan# 273
 Delta R.T. -0.011 min
 Lab File: V04170716A05.D
 Acq: 16 Jul 2017 9:44

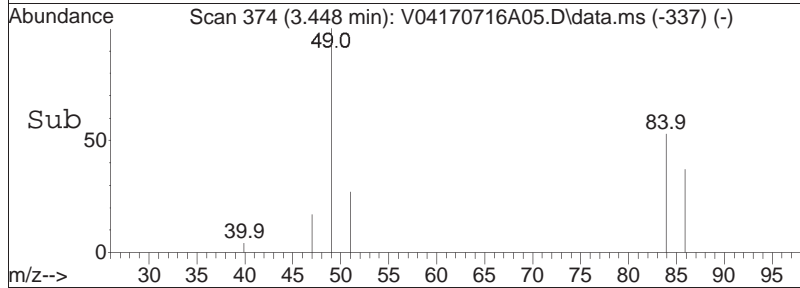
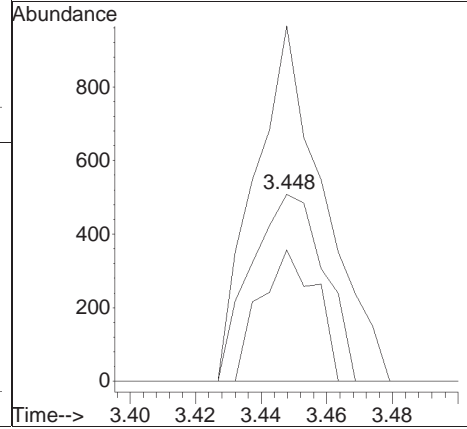
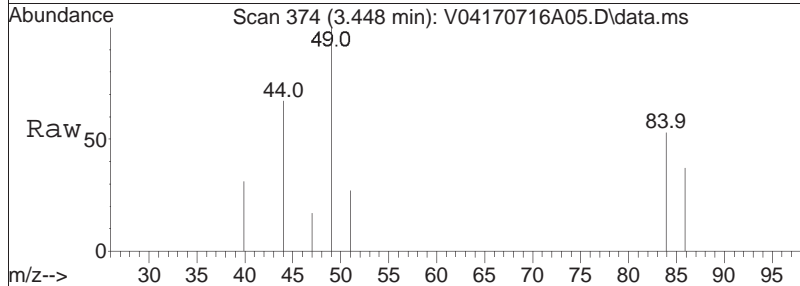
Tgt Ion	Resp	Lower	Upper
76	100		
78	9.8	6.5	13.5

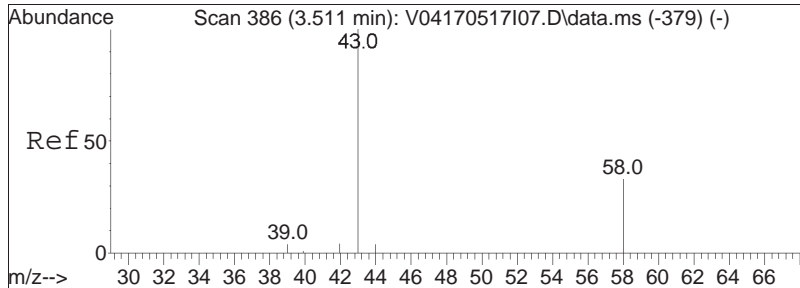




#15
 Methylene chloride
 Concen: 0.29 ug/L
 RT: 3.448 min Scan# 374
 Delta R.T. -0.005 min
 Lab File: V04170716A05.D
 Acq: 16 Jul 2017 9:44

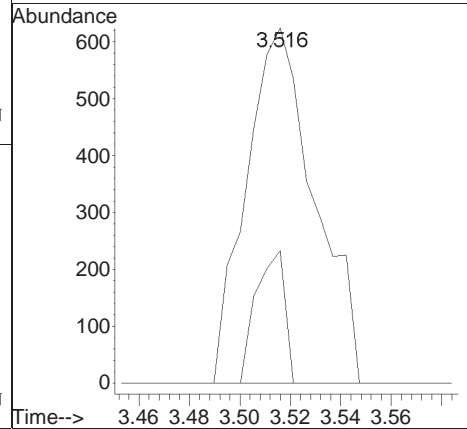
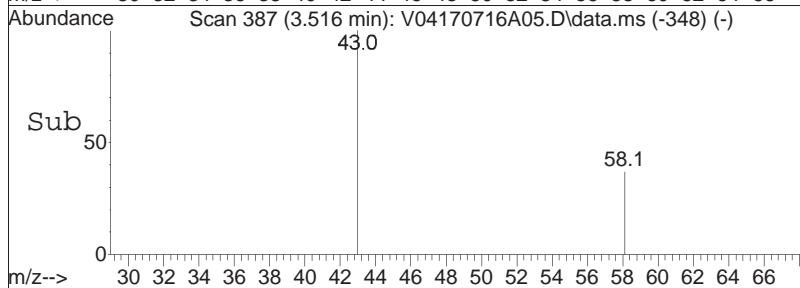
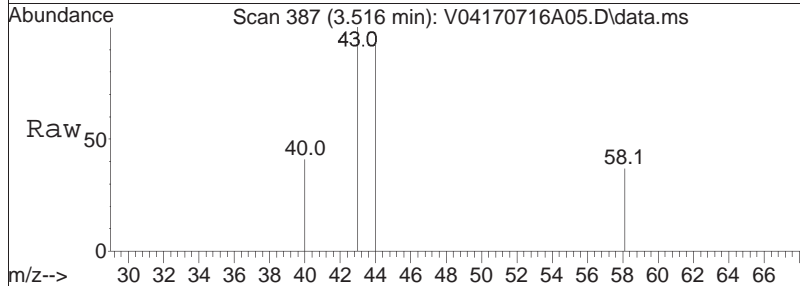
Tgt Ion:	84	Resp:	786
Ion Ratio	Lower	Upper	
84	100		
86	53.6	41.3	85.9
49	179.8	109.1	226.7





#17
 Acetone
 Concen: 2.17 ug/L
 RT: 3.516 min Scan# 387
 Delta R.T. 0.005 min
 Lab File: V04170716A05.D
 Acq: 16 Jul 2017 9:44

Tgt Ion	Resp	Lower	Upper
43	100		
58	15.7	26.0	39.0#



Manual Integration Report

Data Path : I:\VOLATILES\VOA104\2017\1QMethod : V104_170517_8260.m
Data File : V04170716A05.D Operator : VOA104:CBN
Date Inj'd : 7/16/2017 9:44 Instrument : VOA 104
Sample : WG1023153-5,31,5,5 Quant Date : 7/16/2017 11:50 am

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA104\2017\170716A\
 Data File : V04170716A05.D
 Acq On : 16 Jul 2017 9:44
 Operator : VOA104:CBN
 Sample : WG1023156-5,31h,15,15,0.1
 Misc : WG1023156,ICAL13672
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 16 11:50:45 2017
 Quant Method : I:\VOLATILES\VOA104\2017\170716A\V104_170517_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 18 06:45:13 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA104\2017\170716A\V04170716A01.D
 Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Fluorobenzene	5.917	96	160858	20.000	ug/L	0.00
Standard Area 1 = 169470			Recovery =	94.92%		
59) Chlorobenzene-d5	9.441	117	125537	20.000	ug/L	0.00
Standard Area 1 = 130956			Recovery =	95.86%		
79) 1,4-Dichlorobenzene-d4	12.162	152	65381	20.000	ug/L	0.00
Standard Area 1 = 64627			Recovery =	101.17%		
System Monitoring Compounds						
36) Dibromofluoromethane	5.126	113	44750	19.768	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery =	98.84%		
43) 1,2-Dichloroethane-d4	5.645	65	45864	22.110	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery =	110.55%		
60) Toluene-d8	7.600	98	152621	20.899	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery =	104.50%		
83) 4-Bromofluorobenzene	10.951	95	59519	20.722	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery =	103.61%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	0.000		0		N.D.	
3) Chloromethane	0.000		0		N.D.	d
4) Vinyl chloride	0.000		0		N.D.	
5) Bromomethane	2.189	94	1795	0.741	ug/L	89
6) Chloroethane	2.305	64	49		N.D.	
7) Trichlorofluoromethane	0.000		0		N.D.	
8) Ethyl ether	0.000		0		N.D.	
10) 1,1-Dichloroethene	0.000		0		N.D.	
11) Carbon disulfide	2.918	76	23359	2.468	ug/L	99
15) Methylene chloride	3.448	84	786	0.292	ug/L	90
17) Acetone	3.516	43	1181	2.174	ug/L #	70
18) trans-1,2-Dichloroethene	0.000		0		N.D.	
20) Methyl tert-butyl ether	0.000		0		N.D.	
23) 1,1-Dichloroethane	0.000		0		N.D.	
25) Acrylonitrile	0.000		0		N.D.	
27) Vinyl acetate	0.000		0		N.D.	
28) cis-1,2-Dichloroethene	0.000		0		N.D.	
29) 2,2-Dichloropropane	0.000		0		N.D.	
30) Bromochloromethane	0.000		0		N.D.	
32) Chloroform	0.000		0		N.D.	

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA104\2017\170716A\
 Data File : V04170716A05.D
 Acq On : 16 Jul 2017 9:44
 Operator : VOA104:CBN
 Sample : WG1023156-5,31h,15,15,0.1
 Misc : WG1023156,ICAL13672
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 16 11:50:45 2017
 Quant Method : I:\VOLATILES\VOA104\2017\170716A\V104_170517_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 18 06:45:13 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA104\2017\170716A\V04170716A01.D
 Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Carbon tetrachloride	0.000		0		N.D.	
37) 1,1,1-Trichloroethane	0.000		0		N.D.	
39) 2-Butanone	0.000		0		N.D.	
40) 1,1-Dichloropropene	0.000		0		N.D.	
41) Benzene	5.508	78	425		N.D.	
44) 1,2-Dichloroethane	0.000		0		N.D.	
48) Trichloroethene	0.000		0		N.D.	
50) Dibromomethane	0.000		0		N.D.	
51) 1,2-Dichloropropane	0.000		0		N.D.	
54) Bromodichloromethane	0.000		0		N.D.	
57) 1,4-Dioxane	0.000		0		N.D.	
58) cis-1,3-Dichloropropene	0.000		0		N.D.	
61) Toluene	7.663	92	337		N.D.	
62) 4-Methyl-2-pentanone	0.000		0		N.D.	
63) Tetrachloroethene	0.000		0		N.D.	
65) trans-1,3-Dichloropropene	0.000		0		N.D.	
68) 1,1,2-Trichloroethane	0.000		0		N.D.	
69) Chlorodibromomethane	0.000		0		N.D.	
70) 1,3-Dichloropropane	0.000		0		N.D.	
71) 1,2-Dibromoethane	0.000		0		N.D.	
72) 2-Hexanone	0.000		0		N.D.	
73) Chlorobenzene	0.000		0		N.D.	
74) Ethylbenzene	0.000		0		N.D.	
75) 1,1,1,2-Tetrachloroethane	0.000		0		N.D.	
76) p/m Xylene	0.000		0		N.D.	
77) o Xylene	0.000		0		N.D.	
78) Styrene	0.000		0		N.D.	
80) Bromoform	0.000		0		N.D.	
82) Isopropylbenzene	0.000		0		N.D.	
84) Bromobenzene	0.000		0		N.D.	
85) n-Propylbenzene	0.000		0		N.D.	
87) 1,1,2,2-Tetrachloroethane	0.000		0		N.D.	
88) 4-Ethyltoluene	0.000		0		N.D.	
89) 2-Chlorotoluene	0.000		0		N.D.	
90) 1,3,5-Trimethylbenzene	0.000		0		N.D.	
91) 1,2,3-Trichloropropane	0.000		0		N.D.	
92) trans-1,4-Dichloro-2-b...	0.000		0		N.D.	
93) 4-Chlorotoluene	0.000		0		N.D.	
94) tert-Butylbenzene	0.000		0		N.D.	

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA104\2017\170716A\
 Data File : V04170716A05.D
 Acq On : 16 Jul 2017 9:44
 Operator : VOA104:CBN
 Sample : WG1023156-5,31h,15,15,0.1
 Misc : WG1023156,ICAL13672
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 16 11:50:45 2017
 Quant Method : I:\VOLATILES\VOA104\2017\170716A\V104_170517_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 18 06:45:13 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA104\2017\170716A\V04170716A01.D
 Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97) 1,2,4-Trimethylbenzene	11.774	105	228			N.D.
98) sec-Butylbenzene	11.774	105	228			N.D.
99) p-Isopropyltoluene	0.000		0			N.D.
100) 1,3-Dichlorobenzene	0.000		0			N.D.
101) 1,4-Dichlorobenzene	0.000		0			N.D.
102) p-Diethylbenzene	0.000		0			N.D.
103) n-Butylbenzene	0.000		0			N.D.
104) 1,2-Dichlorobenzene	0.000		0			N.D.
105) 1,2,4,5-Tetramethylben...	13.195	119	350			N.D.
106) 1,2-Dibromo-3-chloropr...	0.000		0			N.D.
108) Hexachlorobutadiene	0.000		0			N.D.
109) 1,2,4-Trichlorobenzene	0.000		0			N.D.
110) Naphthalene	14.353	128	455			N.D.
111) 1,2,3-Trichlorobenzene	0.000		0			N.D.

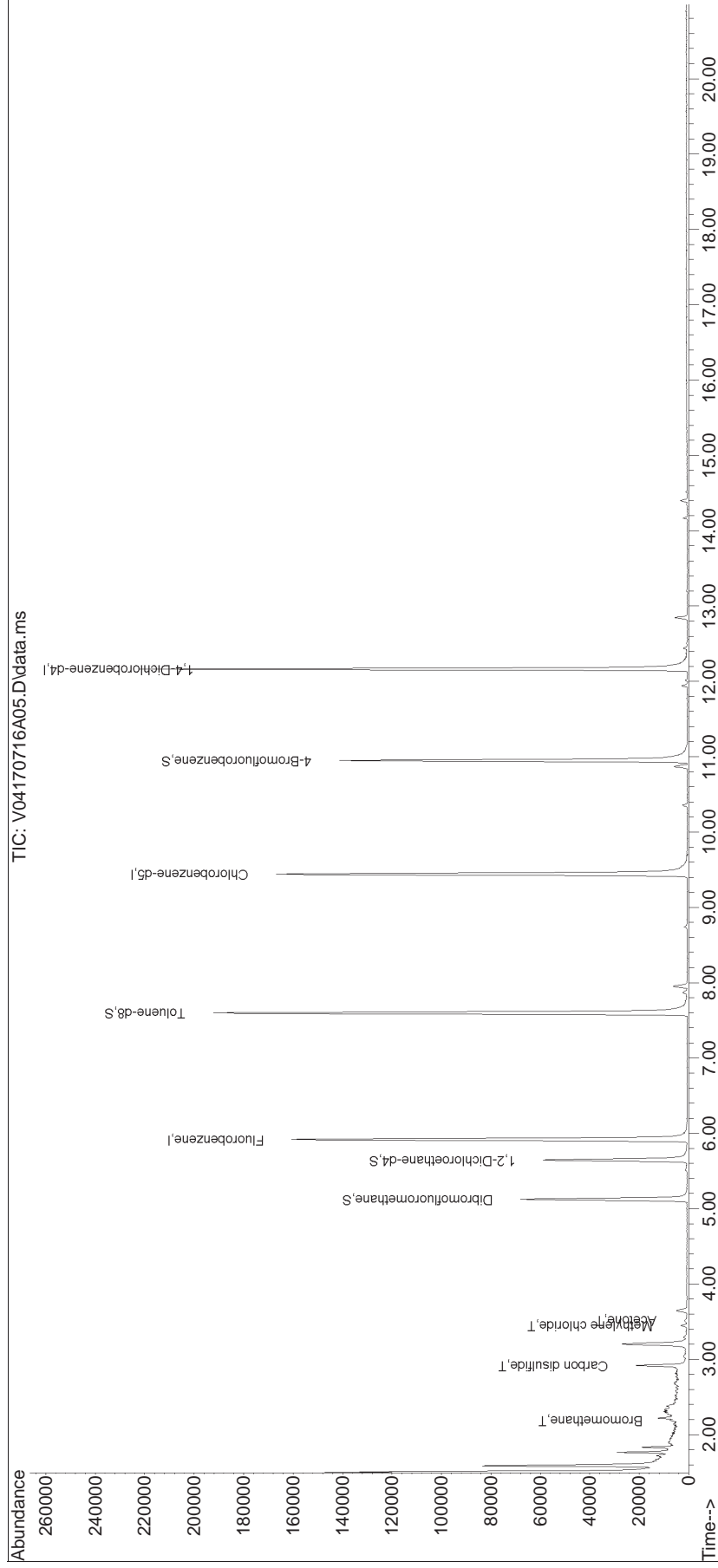
(#) = qualifier out of range (m) = manual integration (+) = signals summed

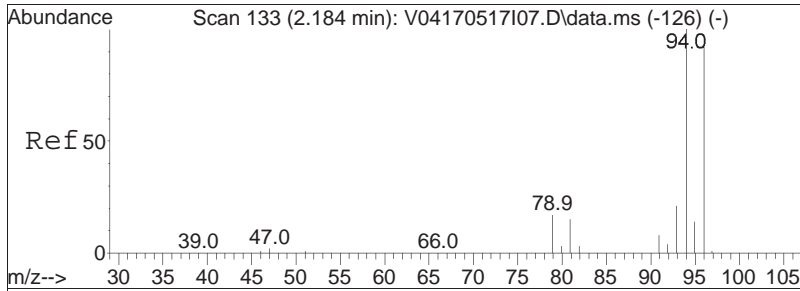
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA104\2017\170716A\
Data File : V04170716A05.D
Acq On : 16 Jul 2017 9:44
Operator : VOA104:CBN
Sample : WG1023156-5,31h,15,15,0.1
Misc : WG1023156,ICAL13672
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 16 11:50:45 2017
Quant Method : I:\VOLATILES\VOA104\2017\170716A\VOA104_170517_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu May 18 06:45:13 2017
Response via : Initial Calibration

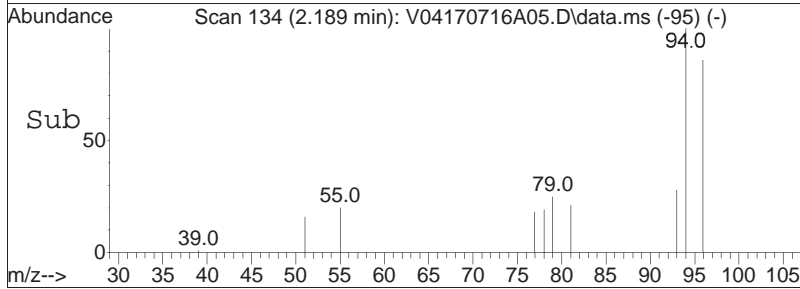
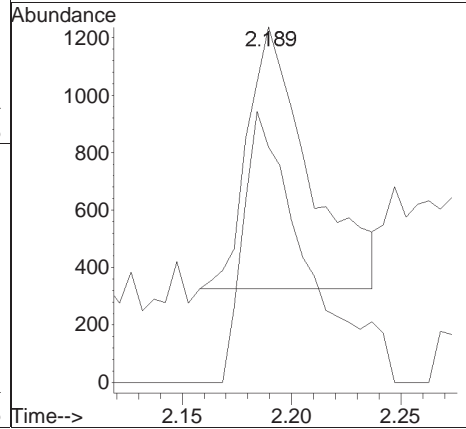
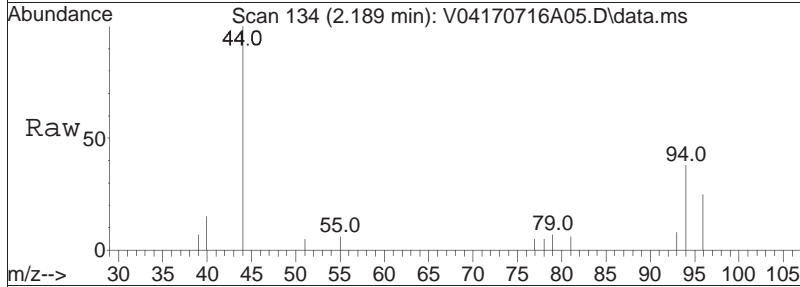
Sub List : 8260-CurveSoil - Megamix plus Diox6A\V04170716A01.D•

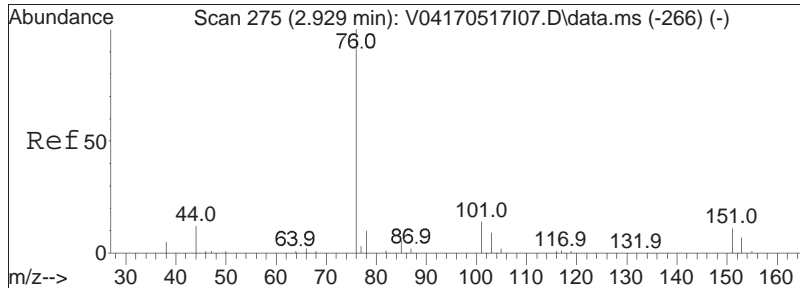




#5
 Bromomethane
 Concen: 0.74 ug/L
 RT: 2.189 min Scan# 134
 Delta R.T. 0.005 min
 Lab File: V04170716A05.D
 Acq: 16 Jul 2017 9:44

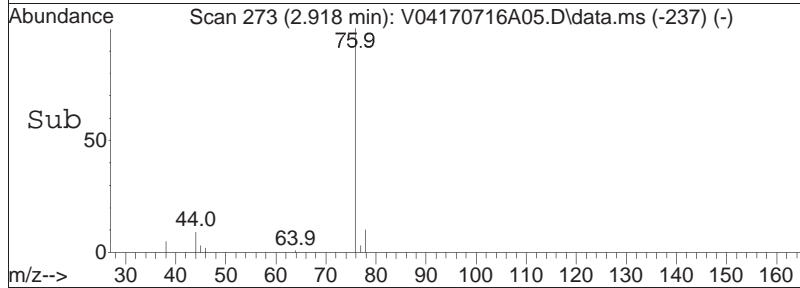
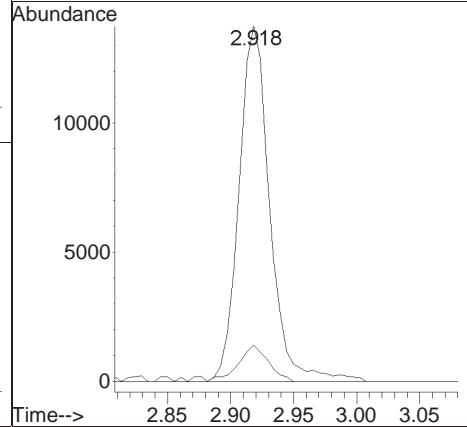
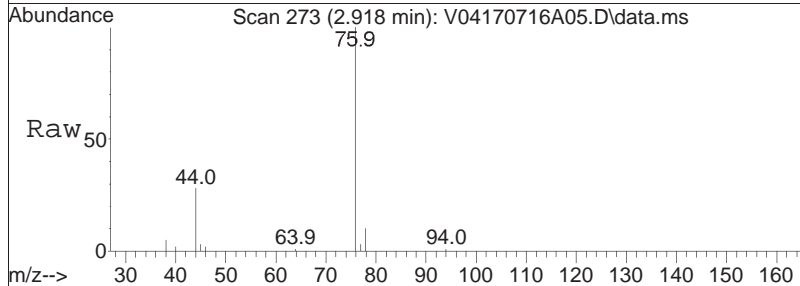
Tgt Ion: 94 Resp: 1795
 Ion Ratio Lower Upper
 94 100
 96 105.7 74.7 114.7

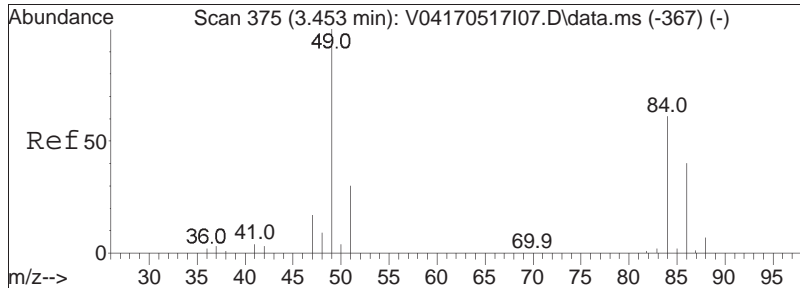




#11
 Carbon disulfide
 Concen: 2.47 ug/L
 RT: 2.918 min Scan# 273
 Delta R.T. -0.011 min
 Lab File: V04170716A05.D
 Acq: 16 Jul 2017 9:44

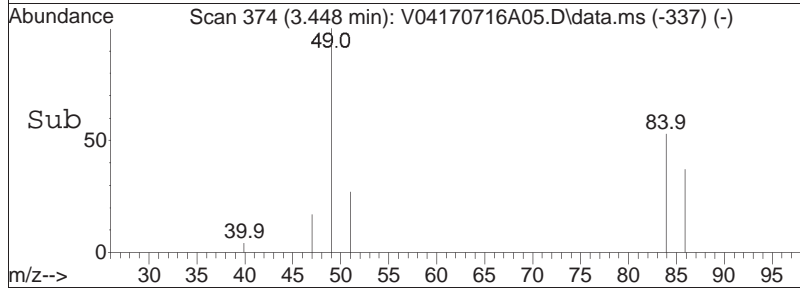
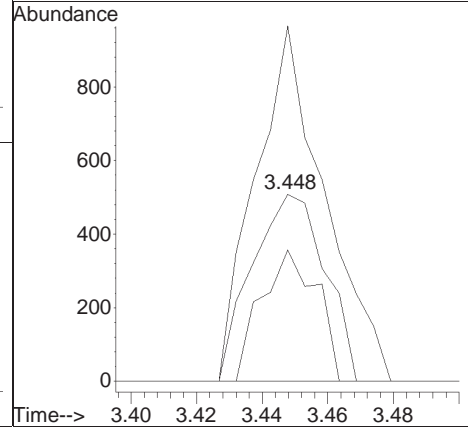
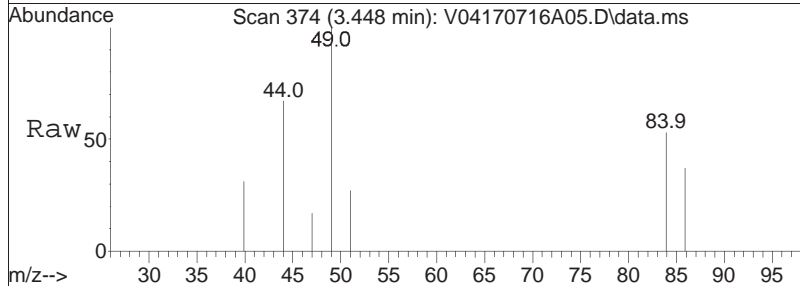
Tgt Ion	Resp	Lower	Upper
76	100		
78	9.8	6.5	13.5

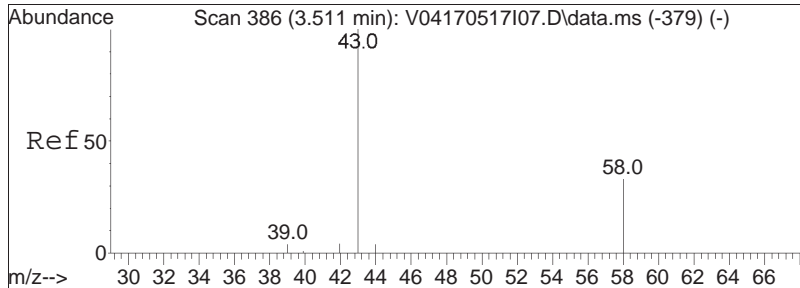




#15
 Methylene chloride
 Concen: 0.29 ug/L
 RT: 3.448 min Scan# 374
 Delta R.T. -0.005 min
 Lab File: V04170716A05.D
 Acq: 16 Jul 2017 9:44

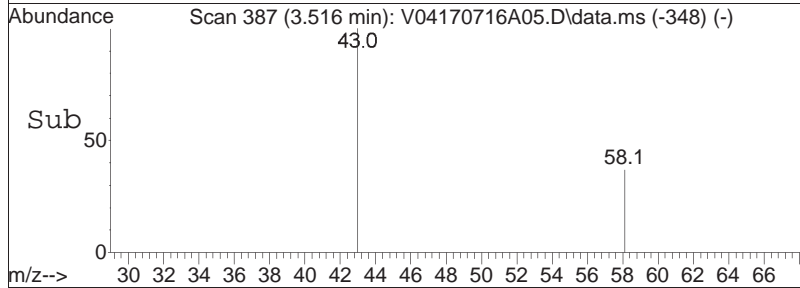
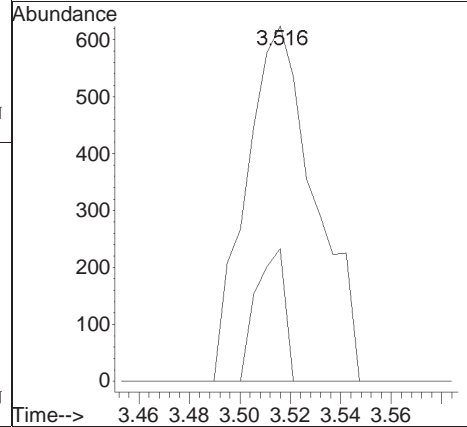
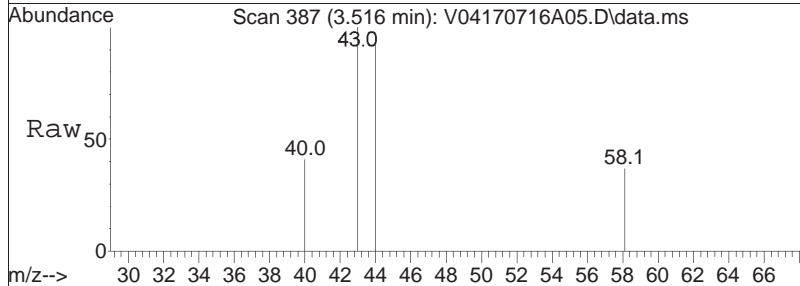
Tgt Ion	Resp	Lower	Upper
84	100		
86	53.6	41.3	85.9
49	179.8	109.1	226.7





#17
 Acetone
 Concen: 2.17 ug/L
 RT: 3.516 min Scan# 387
 Delta R.T. 0.005 min
 Lab File: V04170716A05.D
 Acq: 16 Jul 2017 9:44

Tgt Ion:	43	Resp:	1181
Ion Ratio	Lower	Upper	
43	100		
58	15.7	26.0	39.0#



Manual Integration Report

Data Path : I:\VOLATILES\VOA104\2017\1QMethod : V104_170517_8260.m
Data File : V04170716A05.D Operator : VOA104:CBN
Date Inj'd : 7/16/2017 9:44 Instrument : VOA 104
Sample : WG1023156-5,31h,15,15,0.1 Quant Date : 7/16/2017 11:50 am

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2017\170717A\
 Data File : V01170717A05.D
 Acq On : 17 Jul 2017 11:33
 Operator : VOA101:PD
 Sample : WG1023276-5,31,10,10
 Misc : WG1023276,ICAL13786
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 17 12:07:53 2017
 Quant Method : I:\VOLATILES\VOA101\2017\170717A\V101_170629B_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Fri Jun 30 16:37:53 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2017\170717A\V01170717A02.D
 Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	

Internal Standards							
1) Fluorobenzene	5.950	96	256896	10.000	ug/L	0.00	
Standard Area 1 = 290727			Recovery =	88.36%			
59) Chlorobenzene-d5	9.759	117	201657	10.000	ug/L	0.00	
Standard Area 1 = 229670			Recovery =	87.80%			
79) 1,4-Dichlorobenzene-d4	12.672	152	99611	10.000	ug/L	0.00	
Standard Area 1 = 121874			Recovery =	81.73%			
System Monitoring Compounds							
36) Dibromofluoromethane	5.099	113	65887	11.074	ug/L	0.00	
Spiked Amount 10.000	Range 70 - 130		Recovery =	110.74%			
43) 1,2-Dichloroethane-d4	5.650	65	80375	11.657	ug/L	0.00	
Spiked Amount 10.000	Range 70 - 130		Recovery =	116.57%			
60) Toluene-d8	7.762	98	260889	9.672	ug/L	0.00	
Spiked Amount 10.000	Range 70 - 130		Recovery =	96.72%			
83) 4-Bromofluorobenzene	11.352	95	96690	9.630	ug/L	0.00	
Spiked Amount 10.000	Range 70 - 130		Recovery =	96.30%			
Target Compounds							
2) Dichlorodifluoromethane	0.000		0		N.D.		
3) Chloromethane	0.000		0		N.D.	d	
4) Vinyl chloride	0.000		0		N.D.		
5) Bromomethane	0.000		0		N.D.	d	
6) Chloroethane	2.103	64	245		N.D.		
7) Trichlorofluoromethane	0.000		0		N.D.		
8) Ethyl ether	0.000		0		N.D.		
10) 1,1-Dichloroethene	0.000		0		N.D.		
11) Carbon disulfide	2.834	76	3069	0.243	ug/L	#	79
15) Methylene chloride	3.353	84	165		N.D.		
17) Acetone	0.000		0		N.D.		
18) trans-1,2-Dichloroethene	0.000		0		N.D.		
20) Methyl tert-butyl ether	0.000		0		N.D.		
23) 1,1-Dichloroethane	0.000		0		N.D.		
25) Acrylonitrile	0.000		0		N.D.		
27) Vinyl acetate	0.000		0		N.D.		
28) cis-1,2-Dichloroethene	0.000		0		N.D.		
29) 2,2-Dichloropropane	0.000		0		N.D.		
30) Bromochloromethane	0.000		0		N.D.		
32) Chloroform	0.000		0		N.D.		

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2017\170717A\
 Data File : V01170717A05.D
 Acq On : 17 Jul 2017 11:33
 Operator : VOA101:PD
 Sample : WG1023276-5,31,10,10
 Misc : WG1023276,ICAL13786
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 17 12:07:53 2017
 Quant Method : I:\VOLATILES\VOA101\2017\170717A\V101_170629B_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Fri Jun 30 16:37:53 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2017\170717A\V01170717A02.D
 Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Carbon tetrachloride	0.000		0		N.D.	
37) 1,1,1-Trichloroethane	0.000		0		N.D.	
39) 2-Butanone	0.000		0		N.D.	
40) 1,1-Dichloropropene	0.000		0		N.D.	
41) Benzene	0.000		0		N.D.	
44) 1,2-Dichloroethane	0.000		0		N.D.	
48) Trichloroethene	6.065	95	109		N.D.	
50) Dibromomethane	0.000		0		N.D.	
51) 1,2-Dichloropropane	0.000		0		N.D.	
54) Bromodichloromethane	0.000		0		N.D.	
57) 1,4-Dioxane	0.000		0		N.D.	d
58) cis-1,3-Dichloropropene	0.000		0		N.D.	
61) Toluene	0.000		0		N.D.	
62) 4-Methyl-2-pentanone	0.000		0		N.D.	
63) Tetrachloroethene	0.000		0		N.D.	
65) trans-1,3-Dichloropropene	0.000		0		N.D.	
68) 1,1,2-Trichloroethane	0.000		0		N.D.	
69) Chlorodibromomethane	0.000		0		N.D.	
70) 1,3-Dichloropropane	0.000		0		N.D.	
71) 1,2-Dibromoethane	0.000		0		N.D.	
72) 2-Hexanone	0.000		0		N.D.	
73) Chlorobenzene	0.000		0		N.D.	
74) Ethylbenzene	9.753	91	50		N.D.	
75) 1,1,1,2-Tetrachloroethane	0.000		0		N.D.	
76) p/m Xylene	0.000		0		N.D.	
77) o Xylene	0.000		0		N.D.	
78) Styrene	10.741	104	55		N.D.	
80) Bromoform	0.000		0		N.D.	
82) Isopropylbenzene	11.024	105	51		N.D.	
84) Bromobenzene	0.000		0		N.D.	
85) n-Propylbenzene	11.521	91	58		N.D.	
87) 1,1,2,2-Tetrachloroethane	0.000		0		N.D.	
88) 4-Ethyltoluene	11.767	105	100		N.D.	
89) 2-Chlorotoluene	11.717	91	58		N.D.	
90) 1,3,5-Trimethylbenzene	11.767	105	100		N.D.	
91) 1,2,3-Trichloropropane	0.000		0		N.D.	
92) trans-1,4-Dichloro-2-b...	0.000		0		N.D.	
93) 4-Chlorotoluene	11.930	91	185		N.D.	
94) tert-Butylbenzene	12.138	119	154		N.D.	

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2017\170717A\
 Data File : V01170717A05.D
 Acq On : 17 Jul 2017 11:33
 Operator : VOA101:PD
 Sample : WG1023276-5,31,10,10
 Misc : WG1023276,ICAL13786
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 17 12:07:53 2017
 Quant Method : I:\VOLATILES\VOA101\2017\170717A\V101_170629B_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Fri Jun 30 16:37:53 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2017\170717A\V01170717A02.D
 Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97) 1,2,4-Trimethylbenzene	12.236	105	233		N.D.	
98) sec-Butylbenzene	12.350	105	534		N.D.	
99) p-Isopropyltoluene	12.503	119	546		N.D.	
100) 1,3-Dichlorobenzene	12.607	146	314		N.D.	
101) 1,4-Dichlorobenzene	12.689	146	523		N.D.	
102) p-Diethylbenzene	12.912	119	110		N.D.	
103) n-Butylbenzene	12.989	91	586		N.D.	
104) 1,2-Dichlorobenzene	13.185	146	56		N.D.	
105) 1,2,4,5-Tetramethylben...	13.796	119	836		N.D.	
106) 1,2-Dibromo-3-chloropr...	0.000		0		N.D.	
108) Hexachlorobutadiene	14.691	225	685	0.393	ug/L	94
109) 1,2,4-Trichlorobenzene	14.757	180	435	0.125	ug/L #	70
110) Naphthalene	15.079	128	1335	0.268	ug/L	100
111) 1,2,3-Trichlorobenzene	15.259	180	639	0.391	ug/L #	74

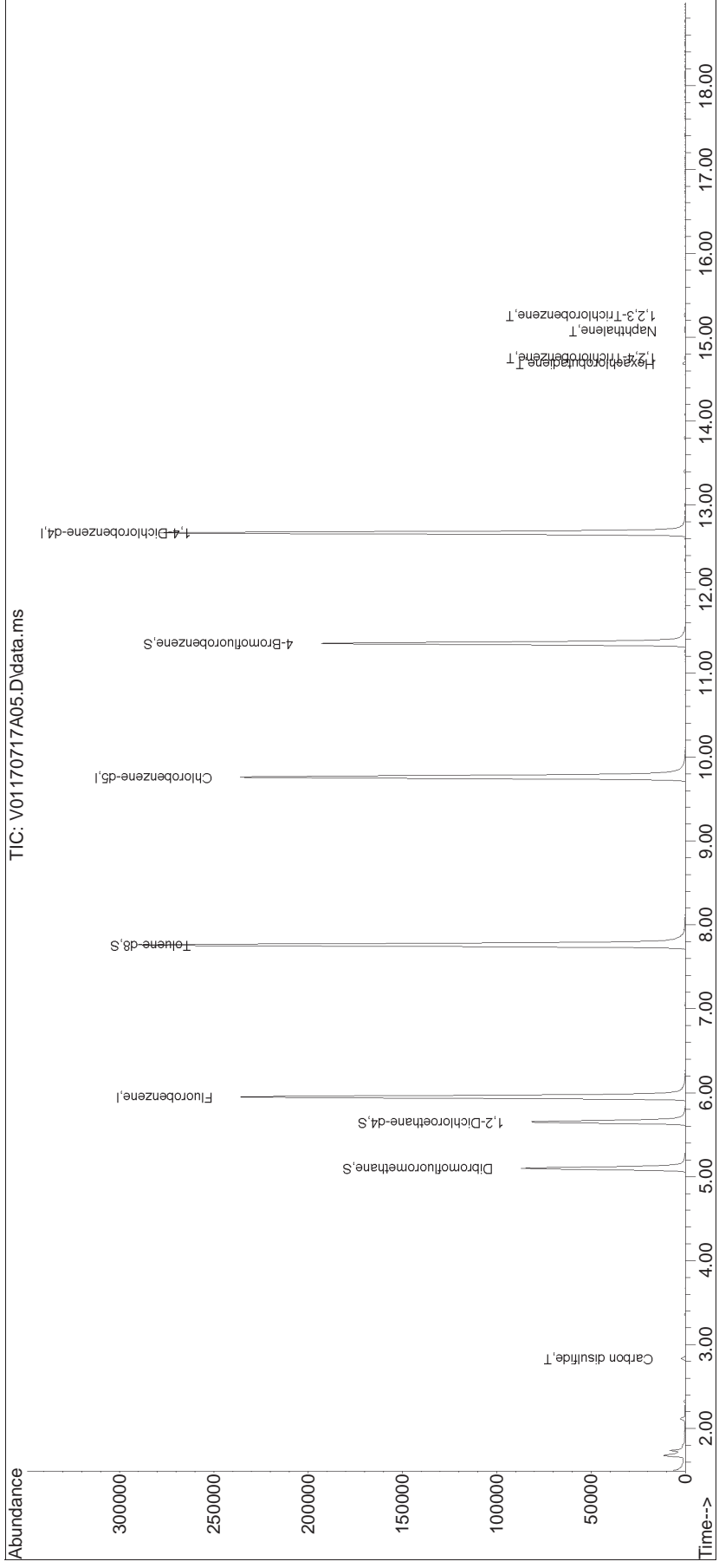
(#) = qualifier out of range (m) = manual integration (+) = signals summed

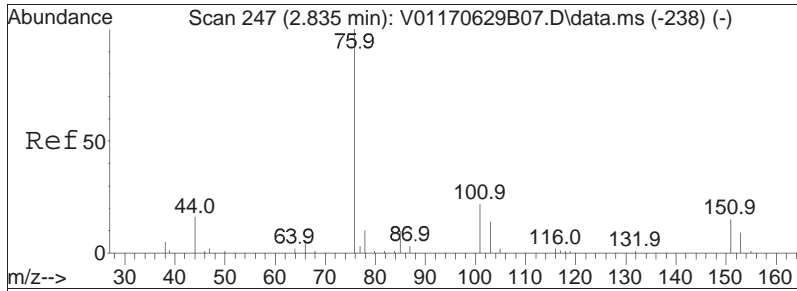
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2017\170717A\
Data File : V01170717A05.D
Acq On : 17 Jul 2017 11:33
Operator : VOA101:PD
Sample : WG1023276-5,31,10,10
Misc : WG1023276,ICAL13786
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 17 12:07:53 2017
Quant Method : I:\VOLATILES\VOA101\2017\170717A\V101_170629B_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jun 30 16:37:53 2017
Response via : Initial Calibration

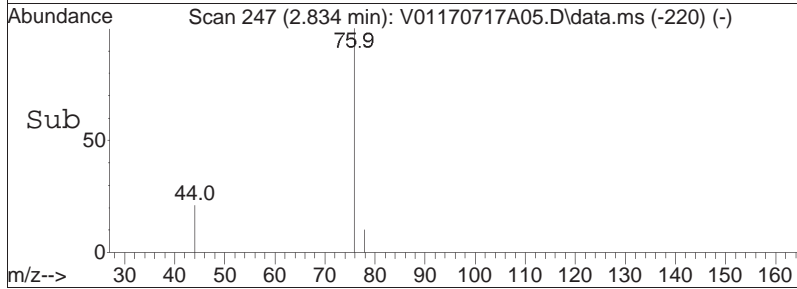
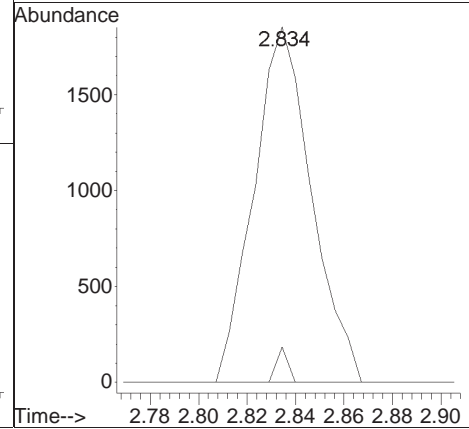
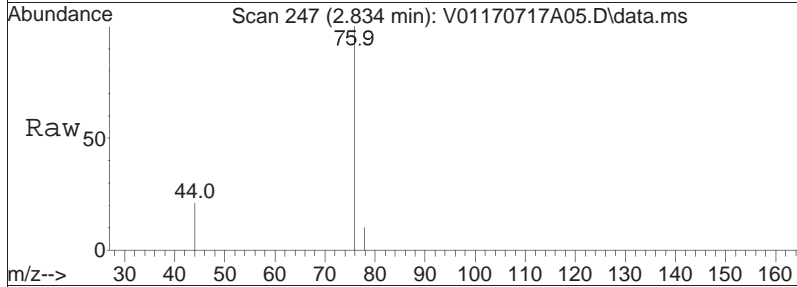
Sub List : 8260-Curve - Megamix plus Diox70717A\V01170717A02.D•

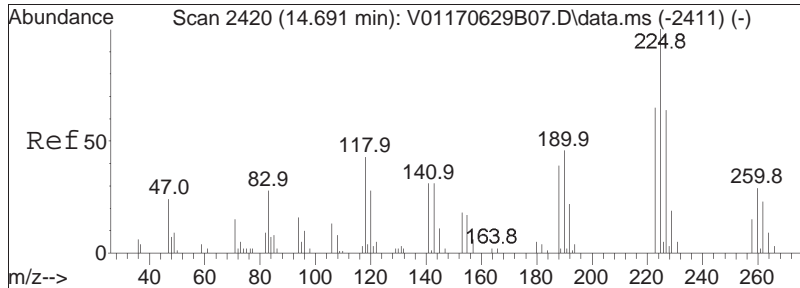




#11
 Carbon disulfide
 Concen: 0.24 ug/L
 RT: 2.834 min Scan# 247
 Delta R.T. -0.001 min
 Lab File: V01170717A05.D
 Acq: 17 Jul 2017 11:33

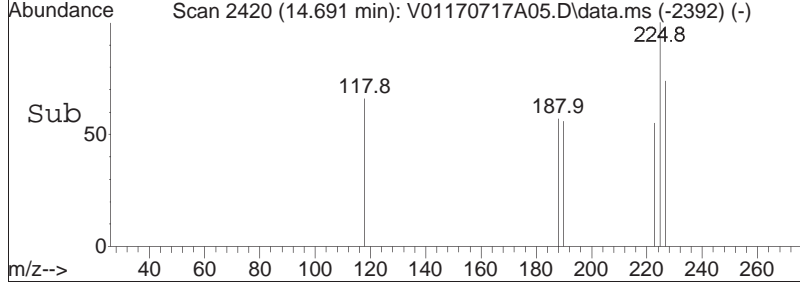
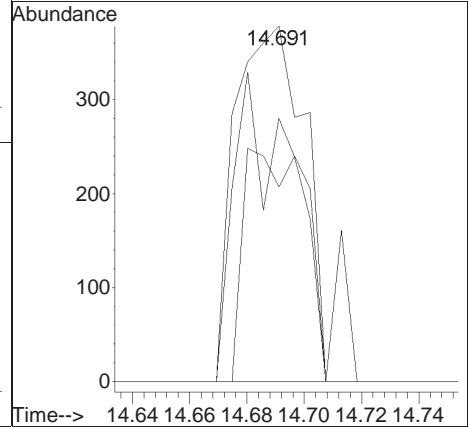
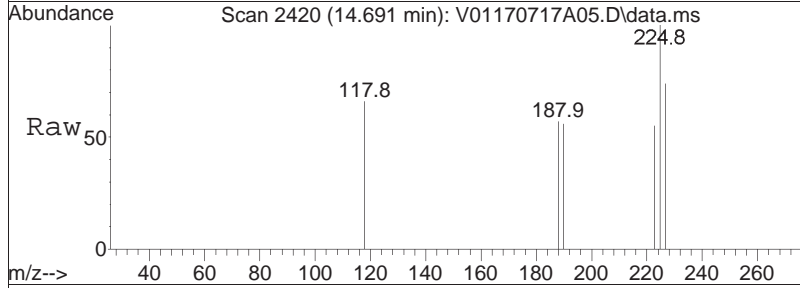
Tgt Ion: 76 Resp: 3069
 Ion Ratio Lower Upper
 76 100
 78 2.0 6.3 13.1#

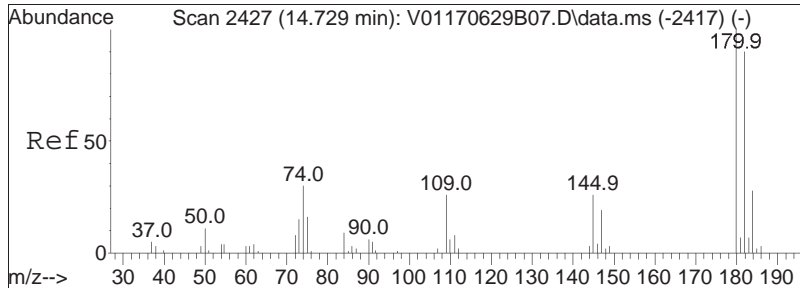




#108
 Hexachlorobutadiene
 Concen: 0.39 ug/L
 RT: 14.691 min Scan# 2420
 Delta R.T. 0.000 min
 Lab File: V01170717A05.D
 Acq: 17 Jul 2017 11:33

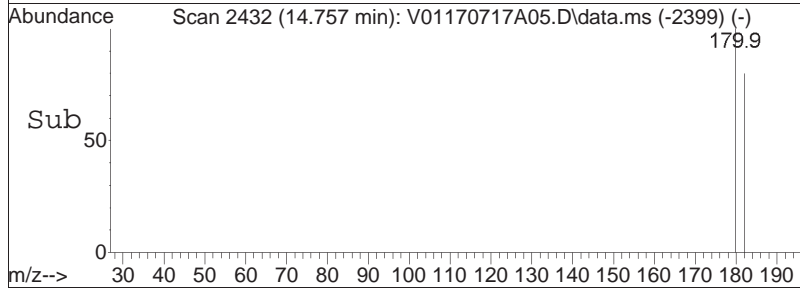
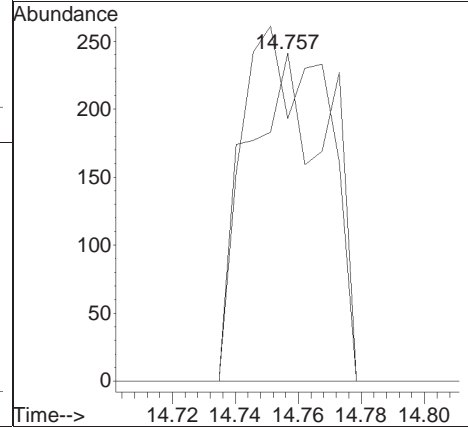
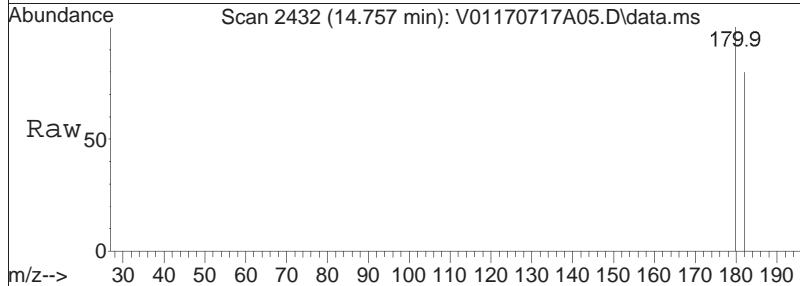
Tgt Ion	Ratio	Lower	Upper
225	100		
223	54.5	50.7	76.1
227	67.3	53.5	80.3

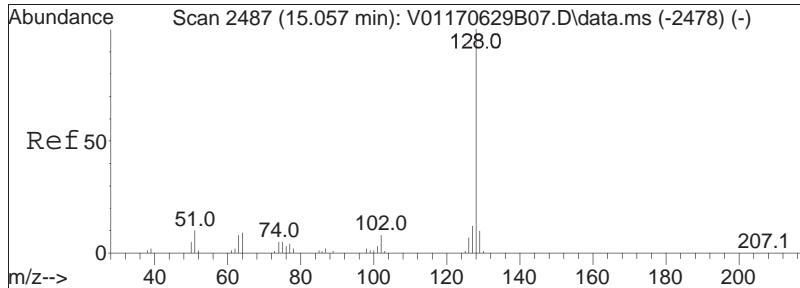




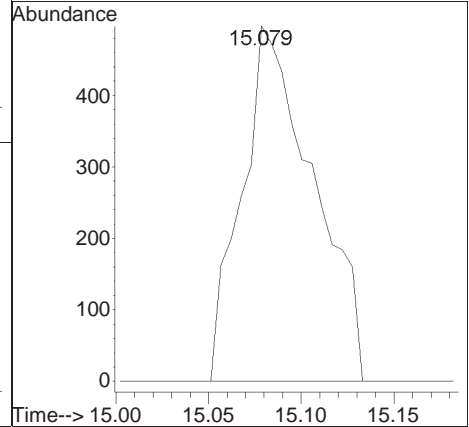
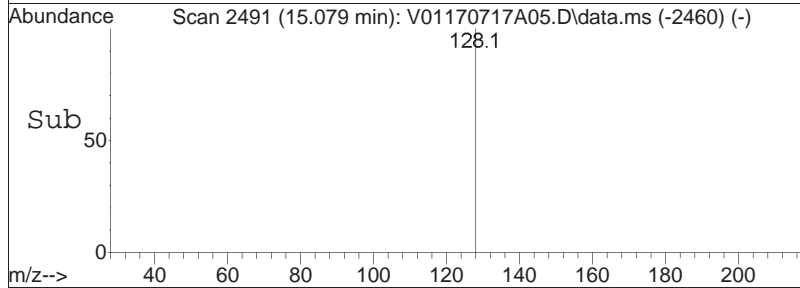
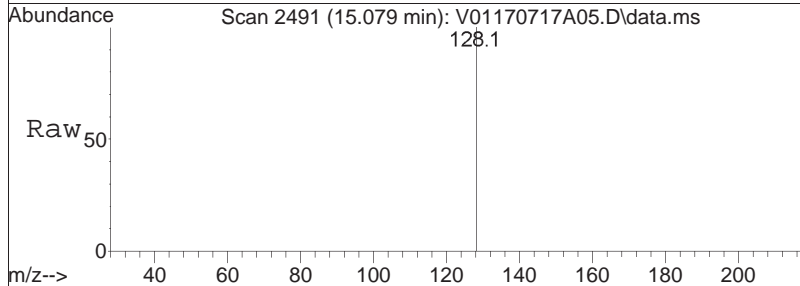
#109
 1,2,4-Trichlorobenzene
 Concen: 0.13 ug/L
 RT: 14.757 min Scan# 2432
 Delta R.T. 0.028 min
 Lab File: V01170717A05.D
 Acq: 17 Jul 2017 11:33

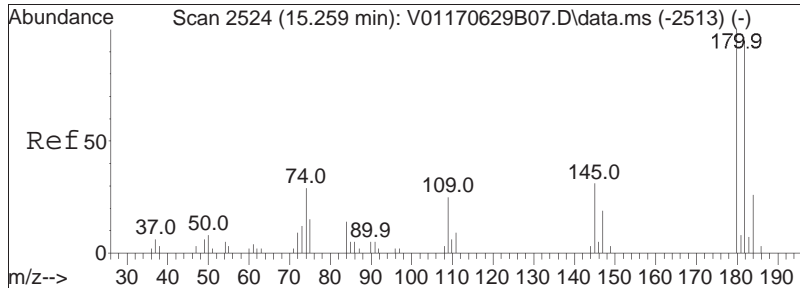
Tgt Ion	Resp	Lower	Upper
180	100		
182	110.8	75.0	112.4
145	0.0	28.5	42.7#





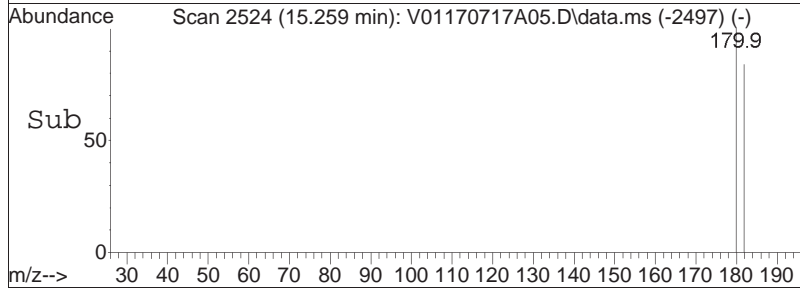
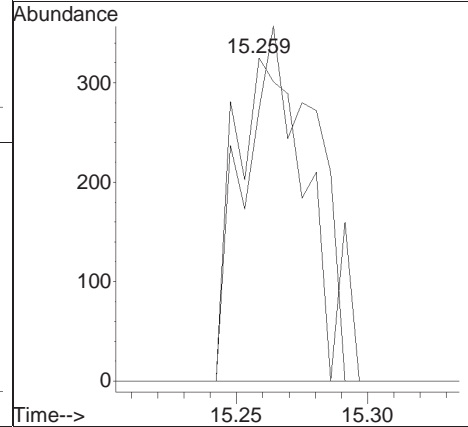
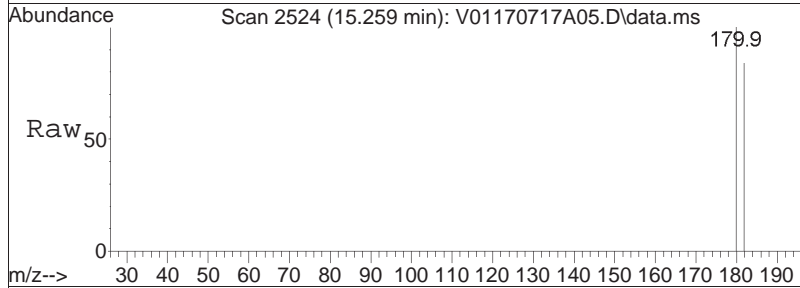
#110
 Naphthalene
 Concen: 0.27 ug/L
 RT: 15.079 min Scan# 2491
 Delta R.T. 0.022 min
 Lab File: V01170717A05.D
 Acq: 17 Jul 2017 11:33
 Tgt Ion:128 Resp: 1335





#111
 1,2,3-Trichlorobenzene
 Concen: 0.39 ug/L
 RT: 15.259 min Scan# 2524
 Delta R.T. -0.000 min
 Lab File: V01170717A05.D
 Acq: 17 Jul 2017 11:33

Tgt Ion	Resp	Lower	Upper
180	100		
182	104.9	73.3	109.9
145	0.0	26.2	39.4#



Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2017\1QMethod : V101_170629B_8260.m
Data File : V01170717A05.D Operator : VOA101:PD
Date Inj'd : 7/17/2017 11:33 Instrument : VOA 101
Sample : WG1023276-5,31,10,10 Quant Date : 7/17/2017 12:07 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2017\170717N\
 Data File : V01170717N05.D
 Acq On : 17 Jul 2017 10:05 pm
 Operator : VOA101:PK
 Sample : WG1023473-5,31,10,10
 Misc : WG1023473,ICAL13786
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 18 07:37:40 2017
 Quant Method : I:\VOLATILES\VOA101\2017\170717N\V101_170629B_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Fri Jun 30 16:37:53 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2017\170717N\V01170717N02.D
 Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	

Internal Standards							
1) Fluorobenzene	5.950	96	251663	10.000	ug/L	0.00	
Standard Area 1 = 281033			Recovery =	89.55%			
59) Chlorobenzene-d5	9.759	117	199853	10.000	ug/L	0.00	
Standard Area 1 = 224158			Recovery =	89.16%			
79) 1,4-Dichlorobenzene-d4	12.672	152	99804	10.000	ug/L	0.00	
Standard Area 1 = 118176			Recovery =	84.45%			
System Monitoring Compounds							
36) Dibromofluoromethane	5.099	113	64806	11.119	ug/L	0.00	
Spiked Amount 10.000	Range 70 - 130		Recovery =	111.19%			
43) 1,2-Dichloroethane-d4	5.650	65	77957	11.541	ug/L	0.00	
Spiked Amount 10.000	Range 70 - 130		Recovery =	115.41%			
60) Toluene-d8	7.762	98	258126	9.656	ug/L	0.00	
Spiked Amount 10.000	Range 70 - 130		Recovery =	96.56%			
83) 4-Bromofluorobenzene	11.352	95	95783	9.522	ug/L	0.00	
Spiked Amount 10.000	Range 70 - 130		Recovery =	95.22%			
Target Compounds							
2) Dichlorodifluoromethane	0.000		0		N.D.		Qvalue
3) Chloromethane	1.732	50	224		N.D.		
4) Vinyl chloride	0.000		0		N.D.		
5) Bromomethane	0.000		0		N.D.		
6) Chloroethane	0.000		0		N.D.		
7) Trichlorofluoromethane	0.000		0		N.D.		
8) Ethyl ether	0.000		0		N.D.		
10) 1,1-Dichloroethene	0.000		0		N.D.		
11) Carbon disulfide	2.834	76	2838	0.229	ug/L #	80	
15) Methylene chloride	3.353	84	613	0.128	ug/L #	68	
17) Acetone	0.000		0		N.D.		
18) trans-1,2-Dichloroethene	0.000		0		N.D.		
20) Methyl tert-butyl ether	0.000		0		N.D.		
23) 1,1-Dichloroethane	0.000		0		N.D.		
25) Acrylonitrile	0.000		0		N.D.		
27) Vinyl acetate	0.000		0		N.D.		
28) cis-1,2-Dichloroethene	0.000		0		N.D.		
29) 2,2-Dichloropropane	0.000		0		N.D.		
30) Bromochloromethane	0.000		0		N.D.		
32) Chloroform	0.000		0		N.D.		

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2017\170717N\
 Data File : V01170717N05.D
 Acq On : 17 Jul 2017 10:05 pm
 Operator : VOA101:PK
 Sample : WG1023473-5,31,10,10
 Misc : WG1023473,ICAL13786
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 18 07:37:40 2017
 Quant Method : I:\VOLATILES\VOA101\2017\170717N\V101_170629B_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Fri Jun 30 16:37:53 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2017\170717N\V01170717N02.D
 Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Carbon tetrachloride	0.000		0		N.D.	
37) 1,1,1-Trichloroethane	0.000		0		N.D.	
39) 2-Butanone	0.000		0		N.D.	
40) 1,1-Dichloropropene	0.000		0		N.D.	
41) Benzene	0.000		0		N.D.	
44) 1,2-Dichloroethane	0.000		0		N.D.	
48) Trichloroethene	0.000		0		N.D.	
50) Dibromomethane	0.000		0		N.D.	
51) 1,2-Dichloropropane	0.000		0		N.D.	
54) Bromodichloromethane	0.000		0		N.D.	
57) 1,4-Dioxane	7.041	88	470	22.359	ug/L #	57
58) cis-1,3-Dichloropropene	0.000		0		N.D.	
61) Toluene	0.000		0		N.D.	
62) 4-Methyl-2-pentanone	0.000		0		N.D.	
63) Tetrachloroethene	0.000		0		N.D.	
65) trans-1,3-Dichloropropene	0.000		0		N.D.	
68) 1,1,2-Trichloroethane	0.000		0		N.D.	
69) Chlorodibromomethane	0.000		0		N.D.	
70) 1,3-Dichloropropane	0.000		0		N.D.	
71) 1,2-Dibromoethane	0.000		0		N.D.	
72) 2-Hexanone	0.000		0		N.D.	
73) Chlorobenzene	0.000		0		N.D.	
74) Ethylbenzene	9.759	91	142		N.D.	
75) 1,1,1,2-Tetrachloroethane	0.000		0		N.D.	
76) p/m Xylene	0.000		0		N.D.	
77) o Xylene	0.000		0		N.D.	
78) Styrene	0.000		0		N.D.	
80) Bromoform	0.000		0		N.D.	
82) Isopropylbenzene	0.000		0		N.D.	
84) Bromobenzene	0.000		0		N.D.	
85) n-Propylbenzene	11.548	91	113		N.D.	
87) 1,1,2,2-Tetrachloroethane	0.000		0		N.D.	
88) 4-Ethyltoluene	11.674	105	107		N.D.	
89) 2-Chlorotoluene	0.000		0		N.D.	
90) 1,3,5-Trimethylbenzene	11.777	105	172		N.D.	
91) 1,2,3-Trichloropropane	0.000		0		N.D.	
92) trans-1,4-Dichloro-2-b...	0.000		0		N.D.	
93) 4-Chlorotoluene	11.930	91	62		N.D.	
94) tert-Butylbenzene	12.138	119	51		N.D.	

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2017\170717N\
 Data File : V01170717N05.D
 Acq On : 17 Jul 2017 10:05 pm
 Operator : VOA101:PK
 Sample : WG1023473-5,31,10,10
 Misc : WG1023473,ICAL13786
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 18 07:37:40 2017
 Quant Method : I:\VOLATILES\VOA101\2017\170717N\V101_170629B_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Fri Jun 30 16:37:53 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2017\170717N\V01170717N02.D
 Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97) 1,2,4-Trimethylbenzene	12.230	105	186		N.D.	
98) sec-Butylbenzene	12.345	105	521		N.D.	
99) p-Isopropyltoluene	12.509	119	347		N.D.	
100) 1,3-Dichlorobenzene	12.612	146	208		N.D.	
101) 1,4-Dichlorobenzene	12.689	146	481		N.D.	
102) p-Diethylbenzene	12.918	119	171		N.D.	
103) n-Butylbenzene	12.994	91	271		N.D.	
104) 1,2-Dichlorobenzene	0.000		0		N.D.	
105) 1,2,4,5-Tetramethylben...	13.807	119	690		N.D.	
106) 1,2-Dibromo-3-chloropr...	0.000		0		N.D.	
108) Hexachlorobutadiene	14.686	225	768	0.439	ug/L #	86
109) 1,2,4-Trichlorobenzene	14.768	180	593	0.170	ug/L #	56
110) Naphthalene	15.089	128	883	0.177	ug/L	100
111) 1,2,3-Trichlorobenzene	15.270	180	645	0.394	ug/L #	81

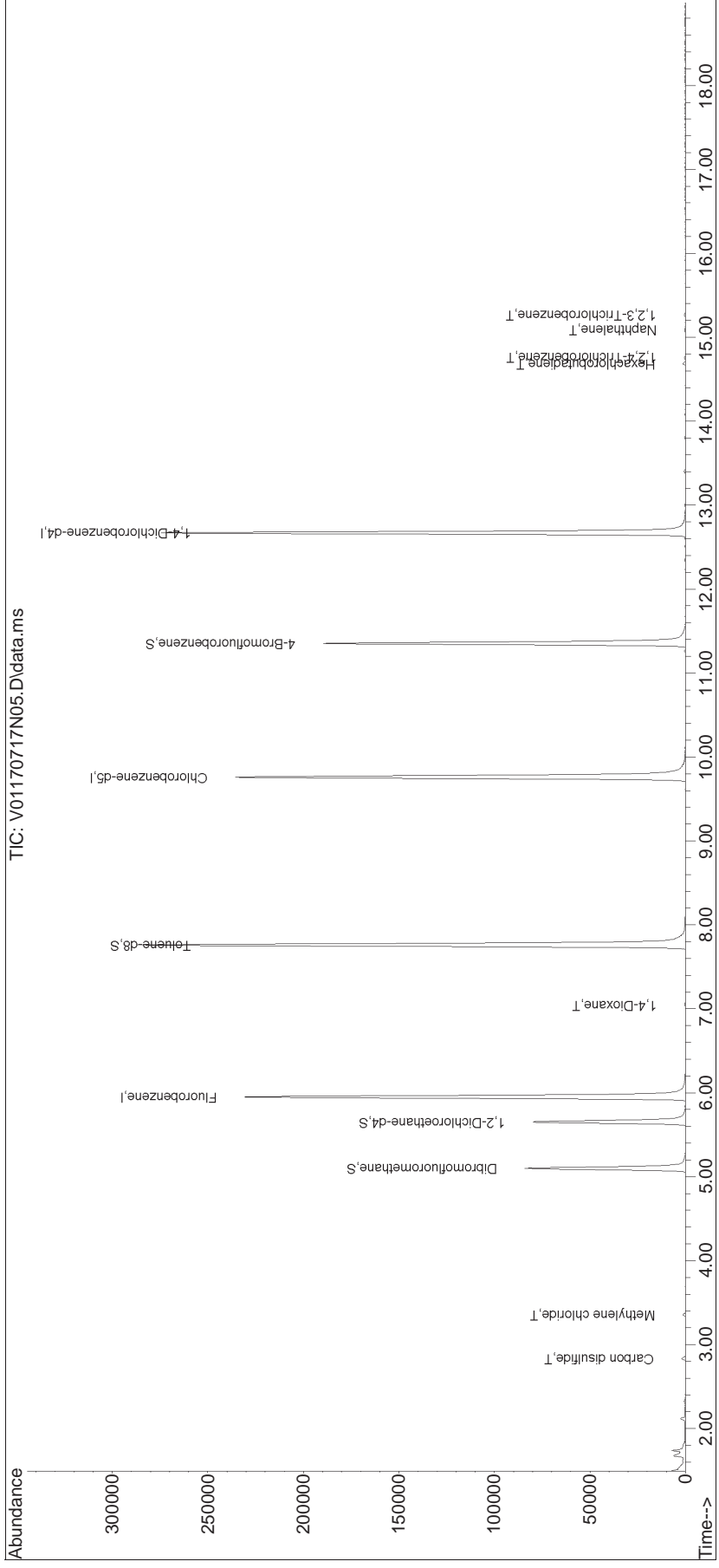
(#) = qualifier out of range (m) = manual integration (+) = signals summed

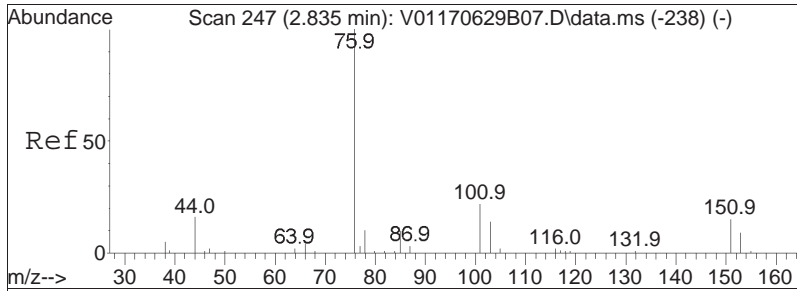
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2017\170717N\
Data File : V01170717N05.D
Acq On : 17 Jul 2017 10:05 pm
Operator : VOA101:PK
Sample : WG1023473-5,31,10,10
Misc : WG1023473,ICAL13786
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 18 07:37:40 2017
Quant Method : I:\VOLATILES\VOA101\2017\170717N\170717N\170629B_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jun 30 16:37:53 2017
Response via : Initial Calibration

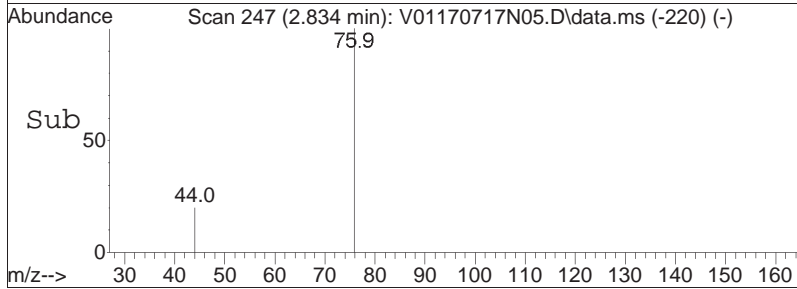
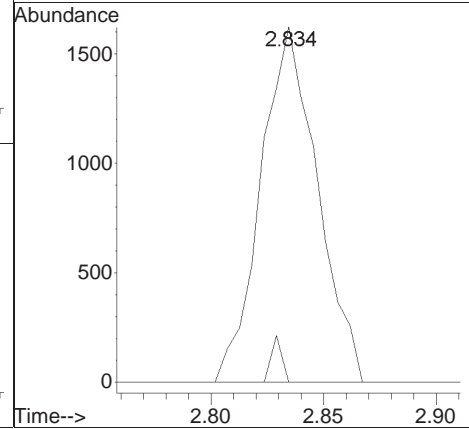
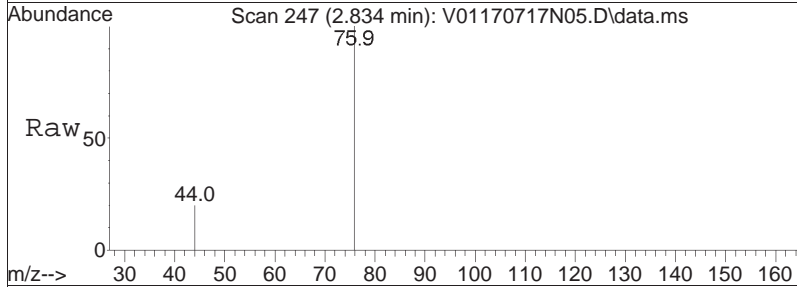
Sub List : 8260-Curve - Megamix plus Diox70717N\V01170717N02.D•

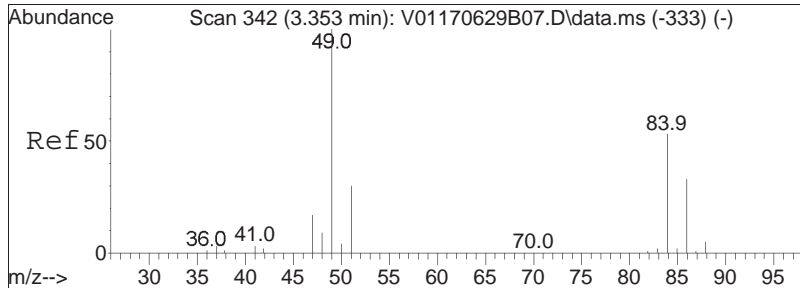




#11
 Carbon disulfide
 Concen: 0.23 ug/L
 RT: 2.834 min Scan# 247
 Delta R.T. -0.001 min
 Lab File: V01170717N05.D
 Acq: 17 Jul 2017 10:05 pm

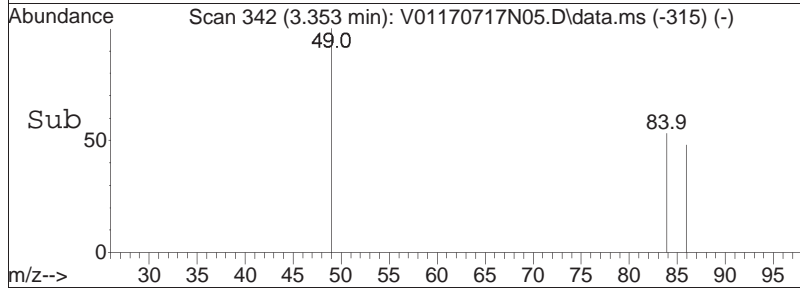
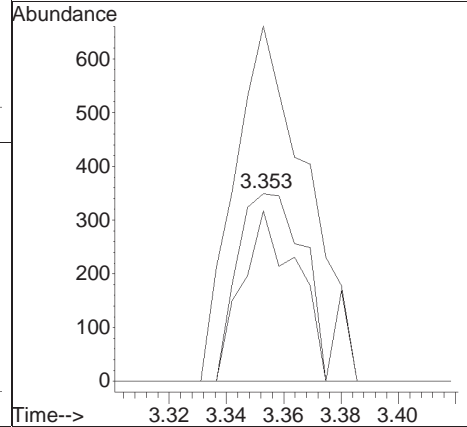
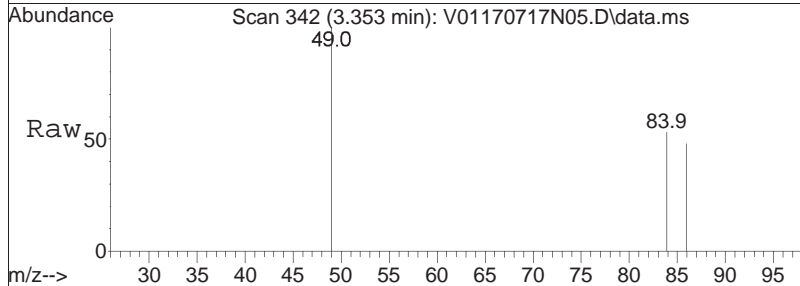
Tgt Ion: 76 Resp: 2838
 Ion Ratio Lower Upper
 76 100
 78 2.5 6.3 13.1#

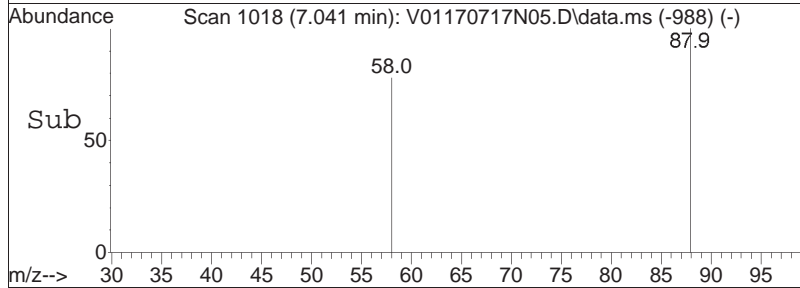
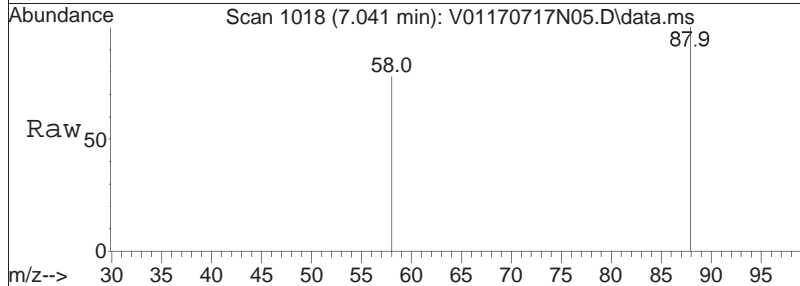
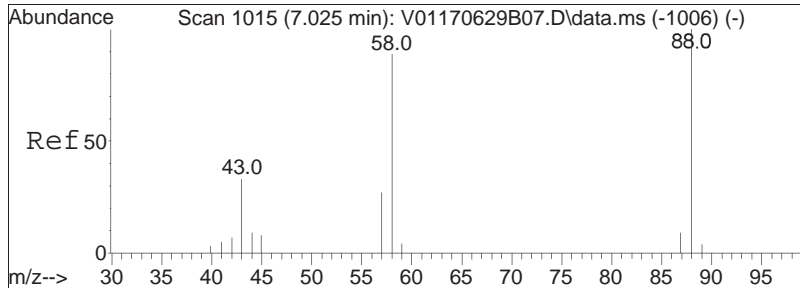




#15
 Methylene chloride
 Concen: 0.13 ug/L
 RT: 3.353 min Scan# 342
 Delta R.T. -0.000 min
 Lab File: V01170717N05.D
 Acq: 17 Jul 2017 10:05 pm

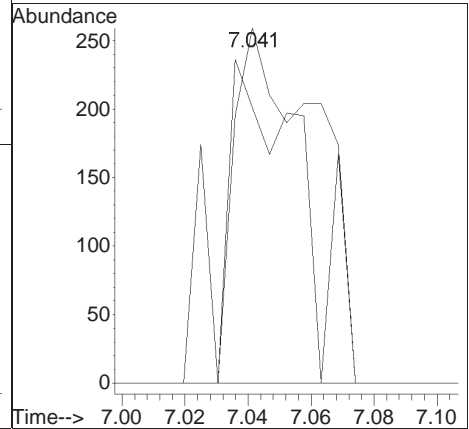
Tgt Ion:	84	Resp:	613
Ion Ratio	Lower	Upper	
84	100		
86	68.7	41.0	85.2
49	188.1	88.5	183.9#

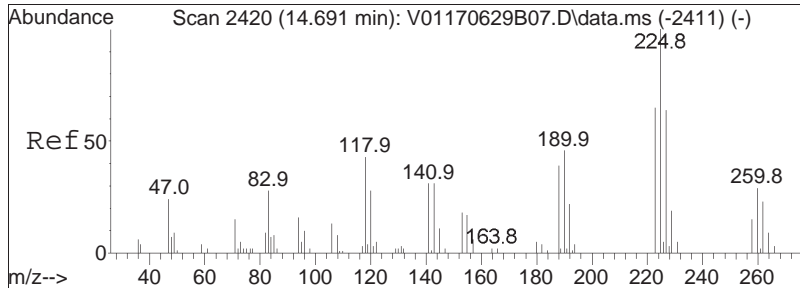




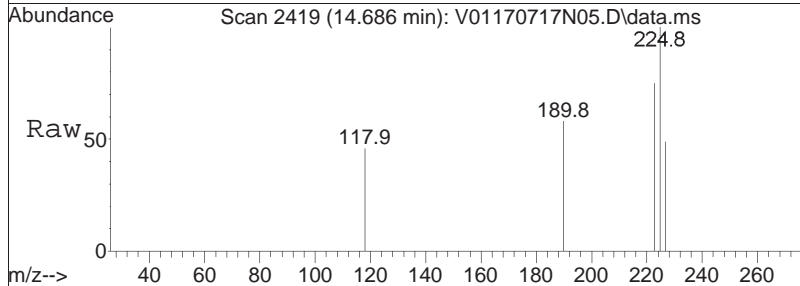
#57
 1,4-Dioxane
 Concen: 22.36 ug/L
 RT: 7.041 min Scan# 1018
 Delta R.T. 0.016 min
 Lab File: V01170717N05.D
 Acq: 17 Jul 2017 10:05 pm

Tgt Ion:	88	Resp:	470
Ion Ratio	Lower	Upper	
88	100		
58	93.2	53.5	80.3#
43	0.0	28.6	42.8#

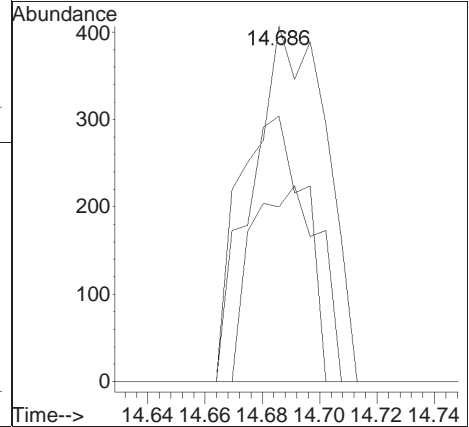
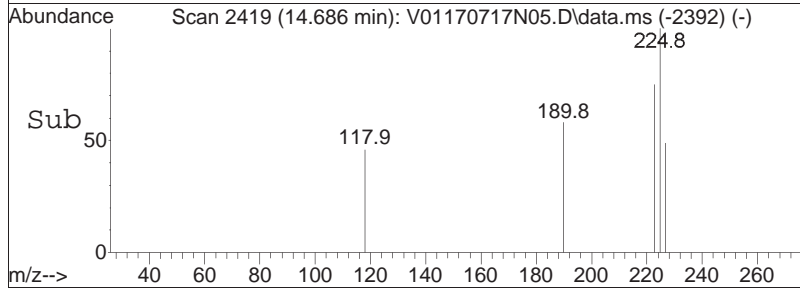


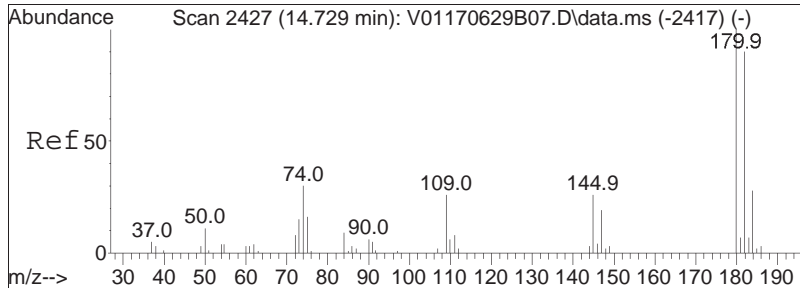


#108
 Hexachlorobutadiene
 Concen: 0.44 ug/L
 RT: 14.686 min Scan# 2419
 Delta R.T. -0.005 min
 Lab File: V01170717N05.D
 Acq: 17 Jul 2017 10:05 pm



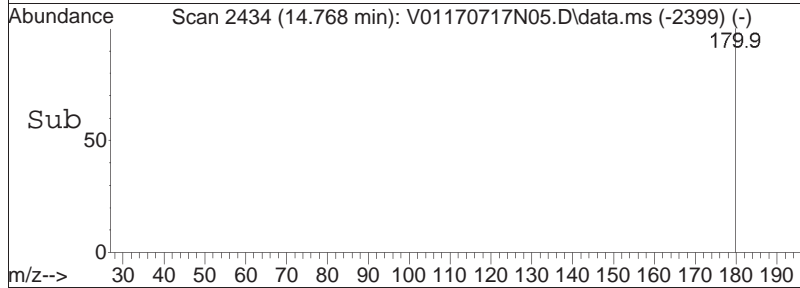
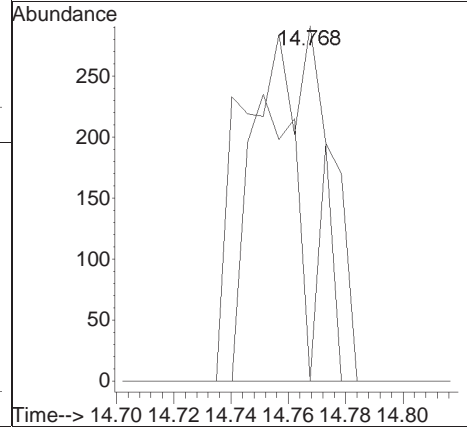
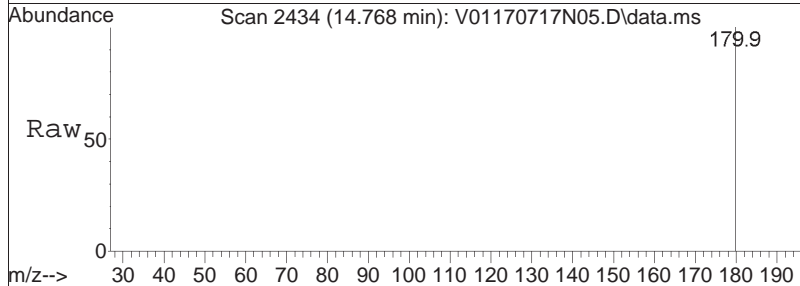
Tgt Ion	Ratio	Lower	Upper
225	100		
223	59.1	50.7	76.1
227	48.6	53.5	80.3#

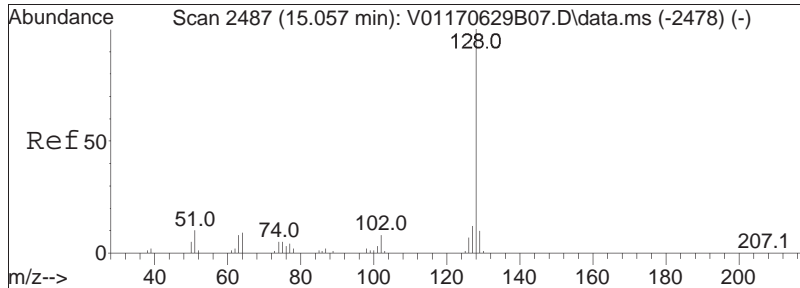




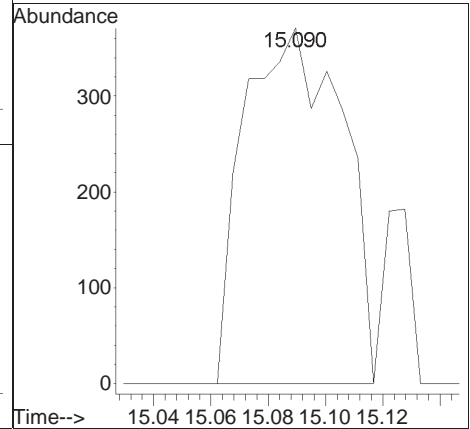
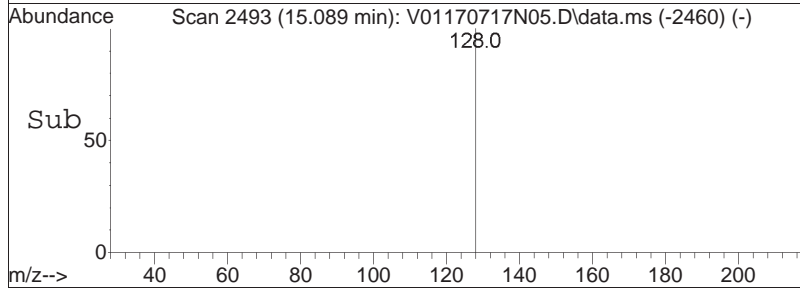
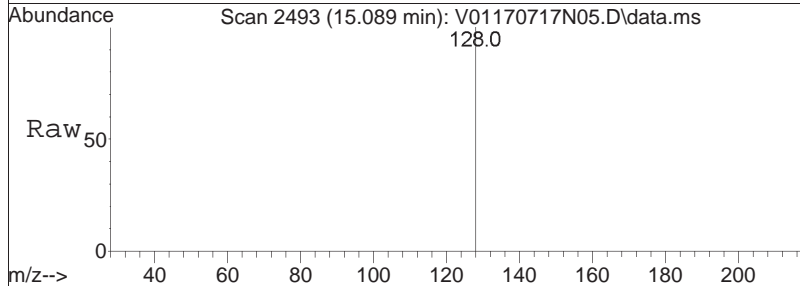
#109
 1,2,4-Trichlorobenzene
 Concen: 0.17 ug/L
 RT: 14.768 min Scan# 2434
 Delta R.T. 0.039 min
 Lab File: V01170717N05.D
 Acq: 17 Jul 2017 10:05 pm

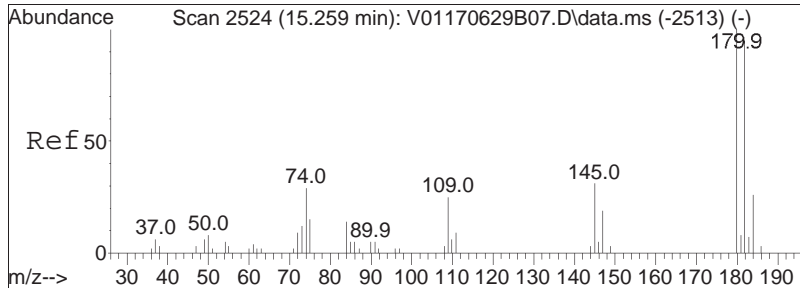
Tgt Ion	Ratio	Lower	Upper
180	100		
182	57.3	75.0	112.4#
145	0.0	28.5	42.7#





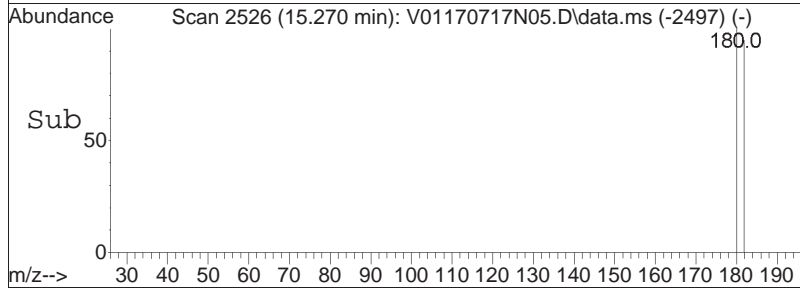
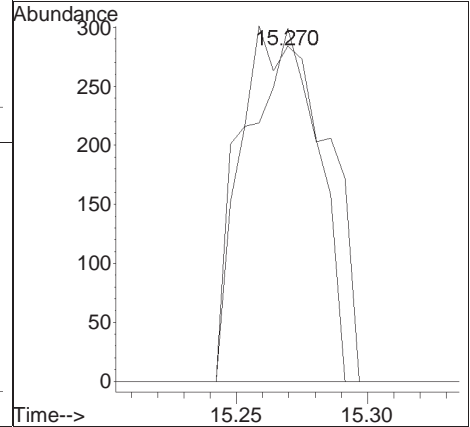
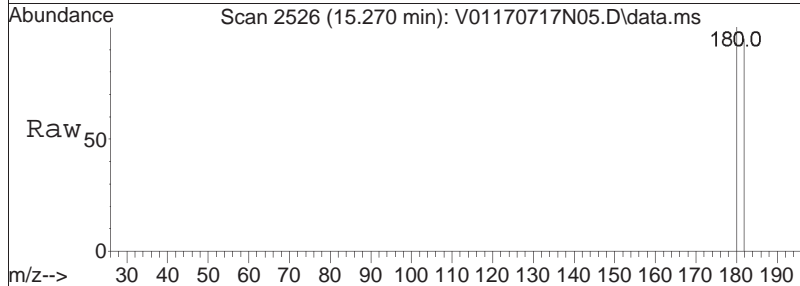
#110
 Naphthalene
 Concen: 0.18 ug/L
 RT: 15.089 min Scan# 2493
 Delta R.T. 0.032 min
 Lab File: V01170717N05.D
 Acq: 17 Jul 2017 10:05 pm
 Tgt Ion:128 Resp: 883





#111
 1,2,3-Trichlorobenzene
 Concen: 0.39 ug/L
 RT: 15.270 min Scan# 2526
 Delta R.T. 0.011 min
 Lab File: V01170717N05.D
 Acq: 17 Jul 2017 10:05 pm

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	73.3	109.9
145	0.0	26.2	39.4#



Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2017\1QMethod : V101_170629B_8260.m
Data File : V01170717N05.D Operator : VOA101:PK
Date Inj'd : 7/17/2017 10:05 pm Instrument : VOA 101
Sample : WG1023473-5,31,10,10 Quant Date : 7/18/2017 7:37 am

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA117\2017\170718A\
 Data File : V17170718A05.D
 Acq On : 18 Jul 2017 08:54
 Operator : VOA117:CBN
 Sample : WG1023786-5,31h,15,15,0.1
 Misc : WG1023786,ICAL13689
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 18 09:58:42 2017
 Quant Method : I:\VOLATILES\VOA117\2017\170718A\V117_170525_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 25 12:01:44 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA117\2017\170718A\V17170718A01.D
 Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Fluorobenzene	6.347	96	138941	20.000	ug/L	0.00
Standard Area 1 = 159272			Recovery =	87.24%		
59) Chlorobenzene-d5	9.913	117	108496	20.000	ug/L	0.00
Standard Area 1 = 122212			Recovery =	88.78%		
79) 1,4-Dichlorobenzene-d4	12.534	152	58523	20.000	ug/L	0.00
Standard Area 1 = 67127			Recovery =	87.18%		
System Monitoring Compounds						
36) Dibromofluoromethane	5.519	113	35768	19.291	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery =	96.45%		
43) 1,2-Dichloroethane-d4	6.059	65	34660	18.260	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery =	91.30%		
60) Toluene-d8	8.051	98	141613	20.164	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery =	100.82%		
83) 4-Bromofluorobenzene	11.355	95	53518	20.941	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery =	104.71%		
Target Compounds						
2) Dichlorodifluoromethane	0.000		0		N.D.	
3) Chloromethane	0.000		0		N.D. d	
4) Vinyl chloride	0.000		0		N.D.	
5) Bromomethane	0.000		0		N.D. d	
6) Chloroethane	0.000		0		N.D.	
7) Trichlorofluoromethane	0.000		0		N.D.	
8) Ethyl ether	0.000		0		N.D.	
10) 1,1-Dichloroethene	0.000		0		N.D.	
11) Carbon disulfide	3.217	76	5313	0.647	ug/L	92
15) Methylene chloride	3.773	84	1440	0.593	ug/L	81
17) Acetone	0.000		0		N.D. d	
18) trans-1,2-Dichloroethene	0.000		0		N.D.	
20) Methyl tert-butyl ether	0.000		0		N.D.	
23) 1,1-Dichloroethane	0.000		0		N.D.	
25) Acrylonitrile	0.000		0		N.D.	
27) Vinyl acetate	0.000		0		N.D.	
28) cis-1,2-Dichloroethene	0.000		0		N.D.	
29) 2,2-Dichloropropane	0.000		0		N.D.	
30) Bromochloromethane	0.000		0		N.D.	
32) Chloroform	0.000		0		N.D.	

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA117\2017\170718A\
 Data File : V17170718A05.D
 Acq On : 18 Jul 2017 08:54
 Operator : VOA117:CBN
 Sample : WG1023786-5,31h,15,15,0.1
 Misc : WG1023786,ICAL13689
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 18 09:58:42 2017
 Quant Method : I:\VOLATILES\VOA117\2017\170718A\V117_170525_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 25 12:01:44 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA117\2017\170718A\V17170718A01.D
 Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Carbon tetrachloride	0.000		0		N.D.	
37) 1,1,1-Trichloroethane	0.000		0		N.D.	
39) 2-Butanone	0.000		0		N.D.	d
40) 1,1-Dichloropropene	0.000		0		N.D.	
41) Benzene	0.000		0		N.D.	d
44) 1,2-Dichloroethane	0.000		0		N.D.	
48) Trichloroethene	0.000		0		N.D.	
50) Dibromomethane	0.000		0		N.D.	
51) 1,2-Dichloropropane	0.000		0		N.D.	
54) Bromodichloromethane	0.000		0		N.D.	
57) 1,4-Dioxane	0.000		0		N.D.	
58) cis-1,3-Dichloropropene	0.000		0		N.D.	
61) Toluene	8.114	92	60		N.D.	
62) 4-Methyl-2-pentanone	0.000		0		N.D.	
63) Tetrachloroethene	0.000		0		N.D.	
65) trans-1,3-Dichloropropene	0.000		0		N.D.	
68) 1,1,2-Trichloroethane	0.000		0		N.D.	
69) Chlorodibromomethane	0.000		0		N.D.	
70) 1,3-Dichloropropane	0.000		0		N.D.	
71) 1,2-Dibromoethane	0.000		0		N.D.	
72) 2-Hexanone	0.000		0		N.D.	
73) Chlorobenzene	0.000		0		N.D.	
74) Ethylbenzene	9.907	91	109		N.D.	
75) 1,1,1,2-Tetrachloroethane	0.000		0		N.D.	
76) p/m Xylene	0.000		0		N.D.	
77) o Xylene	0.000		0		N.D.	
78) Styrene	0.000		0		N.D.	
80) Bromoform	0.000		0		N.D.	
82) Isopropylbenzene	0.000		0		N.D.	
84) Bromobenzene	0.000		0		N.D.	
85) n-Propylbenzene	11.344	91	54		N.D.	
87) 1,1,2,2-Tetrachloroethane	0.000		0		N.D.	
88) 4-Ethyltoluene	0.000		0		N.D.	
89) 2-Chlorotoluene	0.000		0		N.D.	
90) 1,3,5-Trimethylbenzene	0.000		0		N.D.	
91) 1,2,3-Trichloropropane	0.000		0		N.D.	
92) trans-1,4-Dichloro-2-b...	0.000		0		N.D.	
93) 4-Chlorotoluene	0.000		0		N.D.	
94) tert-Butylbenzene	0.000		0		N.D.	

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA117\2017\170718A\
 Data File : V17170718A05.D
 Acq On : 18 Jul 2017 08:54
 Operator : VOA117:CBN
 Sample : WG1023786-5,31h,15,15,0.1
 Misc : WG1023786,ICAL13689
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 18 09:58:42 2017
 Quant Method : I:\VOLATILES\VOA117\2017\170718A\V117_170525_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 25 12:01:44 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA117\2017\170718A\V17170718A01.D
 Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97) 1,2,4-Trimethylbenzene	0.000		0		N.D.	
98) sec-Butylbenzene	0.000		0		N.D.	
99) p-Isopropyltoluene	0.000		0		N.D.	
100) 1,3-Dichlorobenzene	0.000		0		N.D.	
101) 1,4-Dichlorobenzene	0.000		0		N.D.	
102) p-Diethylbenzene	0.000		0		N.D.	
103) n-Butylbenzene	0.000		0		N.D.	
104) 1,2-Dichlorobenzene	0.000		0		N.D.	
105) 1,2,4,5-Tetramethylben...	0.000		0		N.D.	
106) 1,2-Dibromo-3-chloropr...	0.000		0		N.D.	
108) Hexachlorobutadiene	0.000		0		N.D.	
109) 1,2,4-Trichlorobenzene	0.000		0		N.D.	
110) Naphthalene	14.658	128	395		N.D.	
111) 1,2,3-Trichlorobenzene	0.000		0		N.D.	

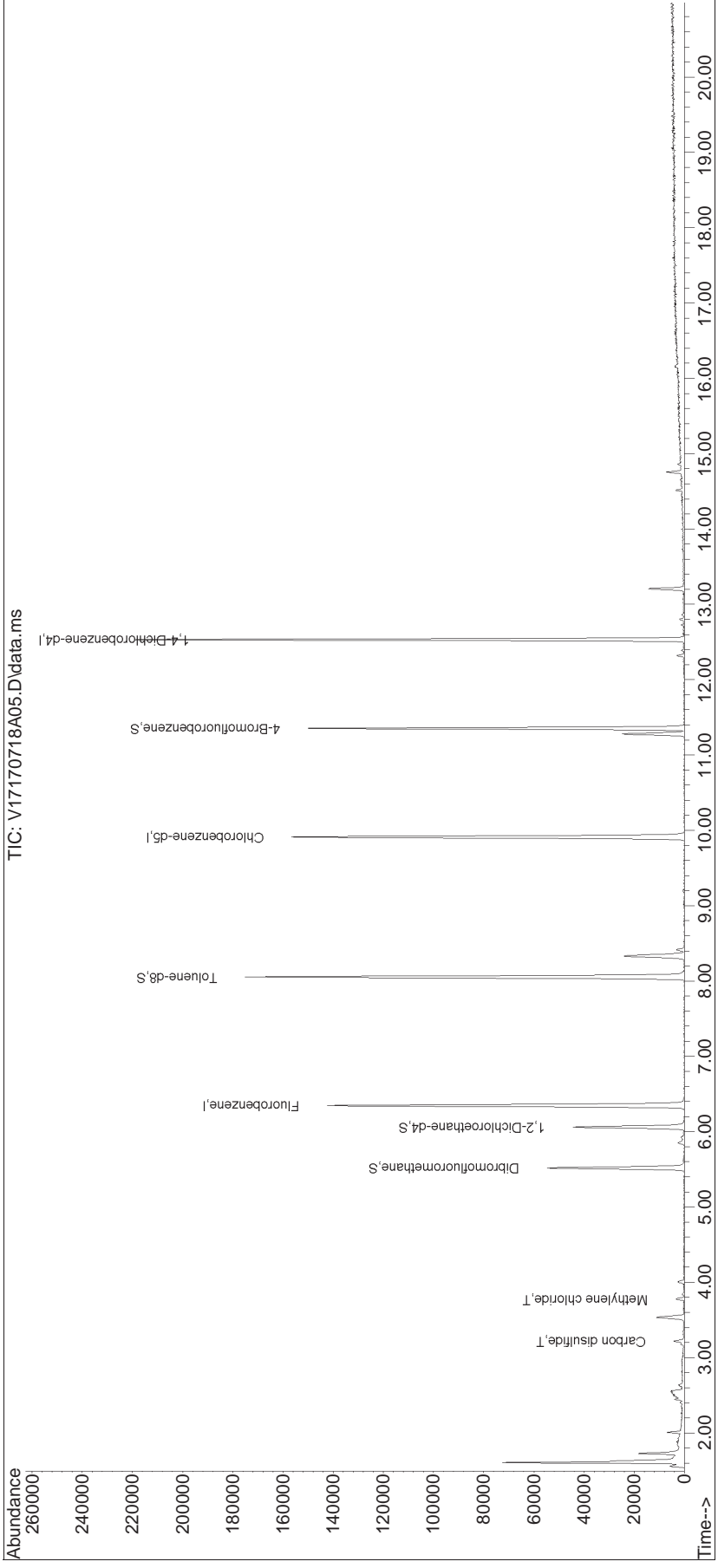
(#) = qualifier out of range (m) = manual integration (+) = signals summed

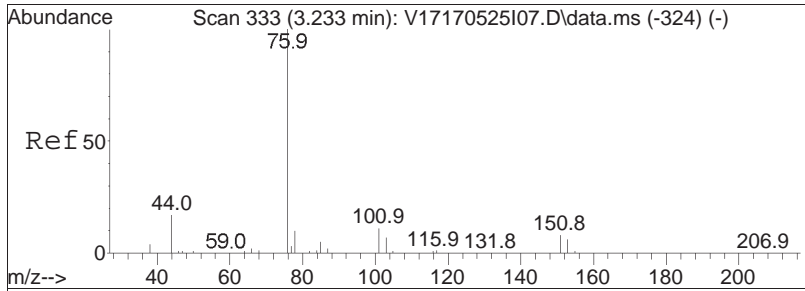
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA117\2017\170718A\
Data File : V17170718A05.D
Acq On : 18 Jul 2017 08:54
Operator : VOA117:CBN
Sample : WG1023786-5,31h,15,15,0.1
Misc : WG1023786,ICAL13689
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 18 09:58:42 2017
Quant Method : I:\VOLATILES\VOA117\2017\170718A\VOA117_170525_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu May 25 12:01:44 2017
Response via : Initial Calibration

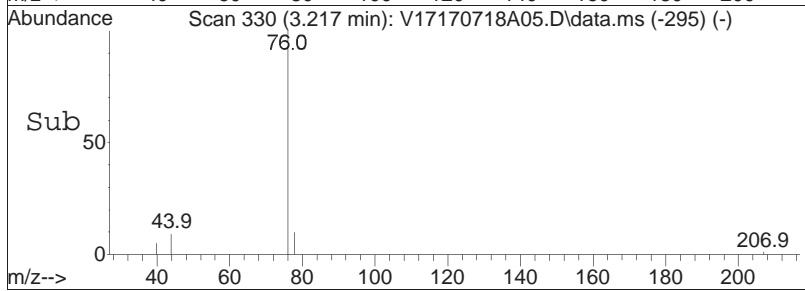
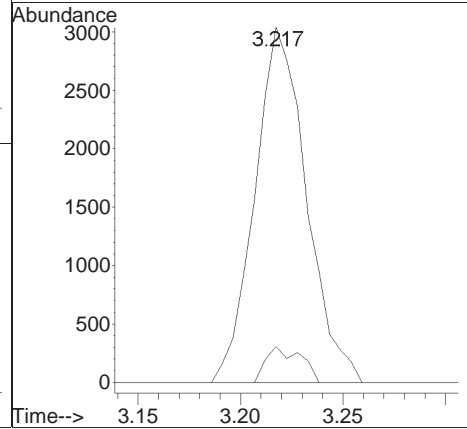
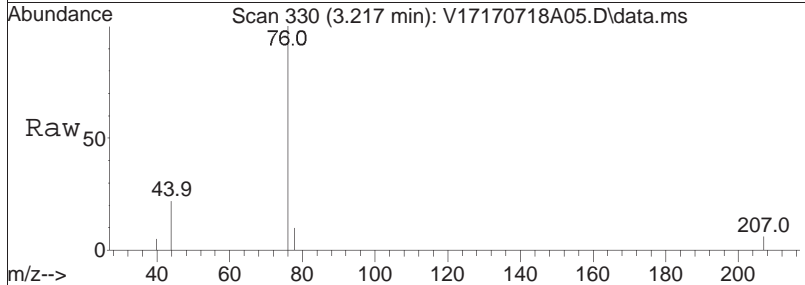
Sub List : 8260-CurveSoil - Megamix plus Diox8A\V17170718A01.D•

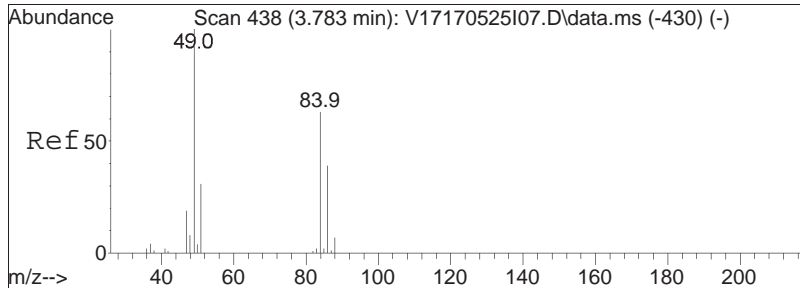




#11
 Carbon disulfide
 Concen: 0.65 ug/L
 RT: 3.217 min Scan# 330
 Delta R.T. -0.016 min
 Lab File: V17170718A05.D
 Acq: 18 Jul 2017 08:54

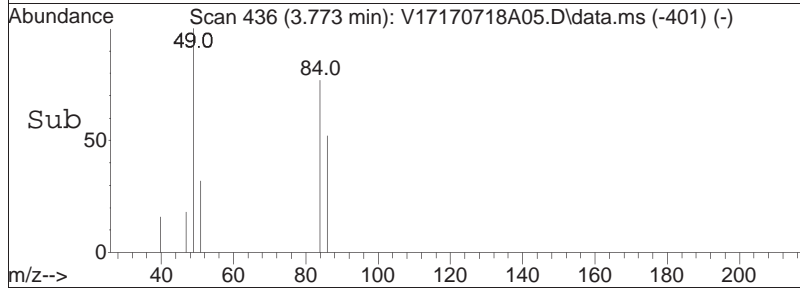
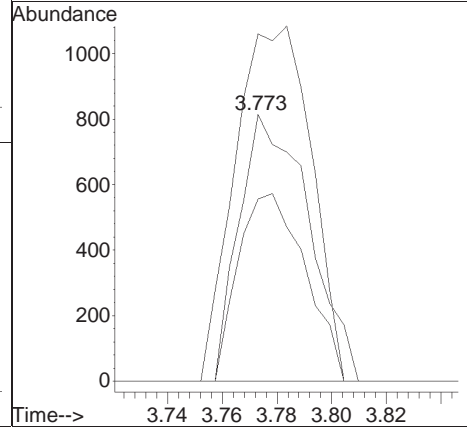
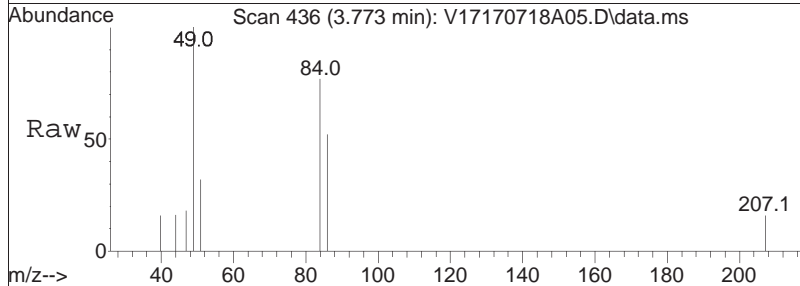
Tgt Ion	Ratio	Lower	Upper
76	100		
78	6.8	6.4	13.4





#15
 Methylene chloride
 Concen: 0.59 ug/L
 RT: 3.773 min Scan# 436
 Delta R.T. -0.016 min
 Lab File: V17170718A05.D
 Acq: 18 Jul 2017 08:54

Tgt Ion:	84	Resp:	1440
Ion Ratio	Lower	Upper	
84	100		
86	67.7	42.4	88.2
49	145.6	117.3	243.5



Manual Integration Report

Data Path : I:\VOLATILES\VOA117\2017\1QMethod : V117_170525_8260.m
Data File : V17170718A05.D Operator : VOA117:CBN
Date Inj'd : 7/18/2017 8:54 Instrument : VOA 117
Sample : WG1023786-5,31h,15,15,0.1 Quant Date : 7/18/2017 9:55 am

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA117\2017\170719A\
 Data File : V17170719A05.D
 Acq On : 19 Jul 2017 08:47
 Operator : VOA117:CBN
 Sample : WG1023786-10,31h,15,15,0.1
 Misc : WG1023786,ICAL13689
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 19 09:38:45 2017
 Quant Method : I:\VOLATILES\VOA117\2017\170719A\V117_170525_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 25 12:01:44 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA117\2017\170719A\V17170719A01.D
 Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	

Internal Standards							
1) Fluorobenzene	6.342	96	139559	20.000	ug/L	-0.01	
Standard Area 1 = 147983			Recovery =	94.31%			
59) Chlorobenzene-d5	9.913	117	110450	20.000	ug/L	0.00	
Standard Area 1 = 113052			Recovery =	97.70%			
79) 1,4-Dichlorobenzene-d4	12.534	152	58787	20.000	ug/L	0.00	
Standard Area 1 = 62353			Recovery =	94.28%			
System Monitoring Compounds							
36) Dibromofluoromethane	5.514	113	36857	19.790	ug/L	0.00	
Spiked Amount 20.000	Range 70 - 130		Recovery =	98.95%			
43) 1,2-Dichloroethane-d4	6.059	65	34698	18.199	ug/L	0.00	
Spiked Amount 20.000	Range 70 - 130		Recovery =	91.00%			
60) Toluene-d8	8.051	98	144423	20.201	ug/L	0.00	
Spiked Amount 20.000	Range 70 - 130		Recovery =	101.01%			
83) 4-Bromofluorobenzene	11.355	95	53854	20.978	ug/L	0.00	
Spiked Amount 20.000	Range 70 - 130		Recovery =	104.89%			
Target Compounds							
2) Dichlorodifluoromethane	0.000		0		N.D.		Qvalue
3) Chloromethane	0.000		0		N.D.	d	
4) Vinyl chloride	0.000		0		N.D.		
5) Bromomethane	0.000		0		N.D.	d	
6) Chloroethane	0.000		0		N.D.		
7) Trichlorofluoromethane	0.000		0		N.D.		
8) Ethyl ether	0.000		0		N.D.		
10) 1,1-Dichloroethene	0.000		0		N.D.		
11) Carbon disulfide	3.217	76	3709	0.449	ug/L		92
15) Methylene chloride	3.778	84	1390	0.570	ug/L		84
17) Acetone	0.000		0		N.D.	d	
18) trans-1,2-Dichloroethene	0.000		0		N.D.		
20) Methyl tert-butyl ether	0.000		0		N.D.		
23) 1,1-Dichloroethane	0.000		0		N.D.		
25) Acrylonitrile	0.000		0		N.D.		
27) Vinyl acetate	0.000		0		N.D.		
28) cis-1,2-Dichloroethene	0.000		0		N.D.		
29) 2,2-Dichloropropane	0.000		0		N.D.		
30) Bromochloromethane	0.000		0		N.D.		
32) Chloroform	0.000		0		N.D.		

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA117\2017\170719A\
 Data File : V17170719A05.D
 Acq On : 19 Jul 2017 08:47
 Operator : VOA117:CBN
 Sample : WG1023786-10,31h,15,15,0.1
 Misc : WG1023786,ICAL13689
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 19 09:38:45 2017
 Quant Method : I:\VOLATILES\VOA117\2017\170719A\V117_170525_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 25 12:01:44 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA117\2017\170719A\V17170719A01.D
 Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Carbon tetrachloride	0.000		0		N.D.	
37) 1,1,1-Trichloroethane	0.000		0		N.D.	
39) 2-Butanone	0.000		0		N.D.	
40) 1,1-Dichloropropene	0.000		0		N.D.	
41) Benzene	0.000		0		N.D.	d
44) 1,2-Dichloroethane	0.000		0		N.D.	
48) Trichloroethene	0.000		0		N.D.	
50) Dibromomethane	0.000		0		N.D.	
51) 1,2-Dichloropropane	0.000		0		N.D.	
54) Bromodichloromethane	0.000		0		N.D.	
57) 1,4-Dioxane	0.000		0		N.D.	
58) cis-1,3-Dichloropropene	0.000		0		N.D.	
61) Toluene	8.104	92	48		N.D.	
62) 4-Methyl-2-pentanone	0.000		0		N.D.	
63) Tetrachloroethene	0.000		0		N.D.	
65) trans-1,3-Dichloropropene	0.000		0		N.D.	
68) 1,1,2-Trichloroethane	0.000		0		N.D.	
69) Chlorodibromomethane	0.000		0		N.D.	
70) 1,3-Dichloropropane	0.000		0		N.D.	
71) 1,2-Dibromoethane	0.000		0		N.D.	
72) 2-Hexanone	0.000		0		N.D.	
73) Chlorobenzene	0.000		0		N.D.	
74) Ethylbenzene	9.907	91	115		N.D.	
75) 1,1,1,2-Tetrachloroethane	0.000		0		N.D.	
76) p/m Xylene	0.000		0		N.D.	
77) o Xylene	0.000		0		N.D.	
78) Styrene	0.000		0		N.D.	
80) Bromoform	0.000		0		N.D.	
82) Isopropylbenzene	0.000		0		N.D.	
84) Bromobenzene	0.000		0		N.D.	
85) n-Propylbenzene	0.000		0		N.D.	
87) 1,1,2,2-Tetrachloroethane	0.000		0		N.D.	
88) 4-Ethyltoluene	0.000		0		N.D.	
89) 2-Chlorotoluene	0.000		0		N.D.	
90) 1,3,5-Trimethylbenzene	0.000		0		N.D.	
91) 1,2,3-Trichloropropane	0.000		0		N.D.	
92) trans-1,4-Dichloro-2-b...	0.000		0		N.D.	
93) 4-Chlorotoluene	0.000		0		N.D.	
94) tert-Butylbenzene	0.000		0		N.D.	

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA117\2017\170719A\
 Data File : V17170719A05.D
 Acq On : 19 Jul 2017 08:47
 Operator : VOA117:CBN
 Sample : WG1023786-10,31h,15,15,0.1
 Misc : WG1023786,ICAL13689
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 19 09:38:45 2017
 Quant Method : I:\VOLATILES\VOA117\2017\170719A\V117_170525_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 25 12:01:44 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA117\2017\170719A\V17170719A01.D
 Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97) 1,2,4-Trimethylbenzene	0.000		0		N.D.	
98) sec-Butylbenzene	0.000		0		N.D.	
99) p-Isopropyltoluene	0.000		0		N.D.	
100) 1,3-Dichlorobenzene	0.000		0		N.D.	
101) 1,4-Dichlorobenzene	0.000		0		N.D.	
102) p-Diethylbenzene	0.000		0		N.D.	
103) n-Butylbenzene	0.000		0		N.D.	
104) 1,2-Dichlorobenzene	0.000		0		N.D.	
105) 1,2,4,5-Tetramethylben...	0.000		0		N.D.	
106) 1,2-Dibromo-3-chloropr...	0.000		0		N.D.	
108) Hexachlorobutadiene	0.000		0		N.D.	
109) 1,2,4-Trichlorobenzene	0.000		0		N.D.	
110) Naphthalene	14.652	128	460		N.D.	
111) 1,2,3-Trichlorobenzene	0.000		0		N.D.	

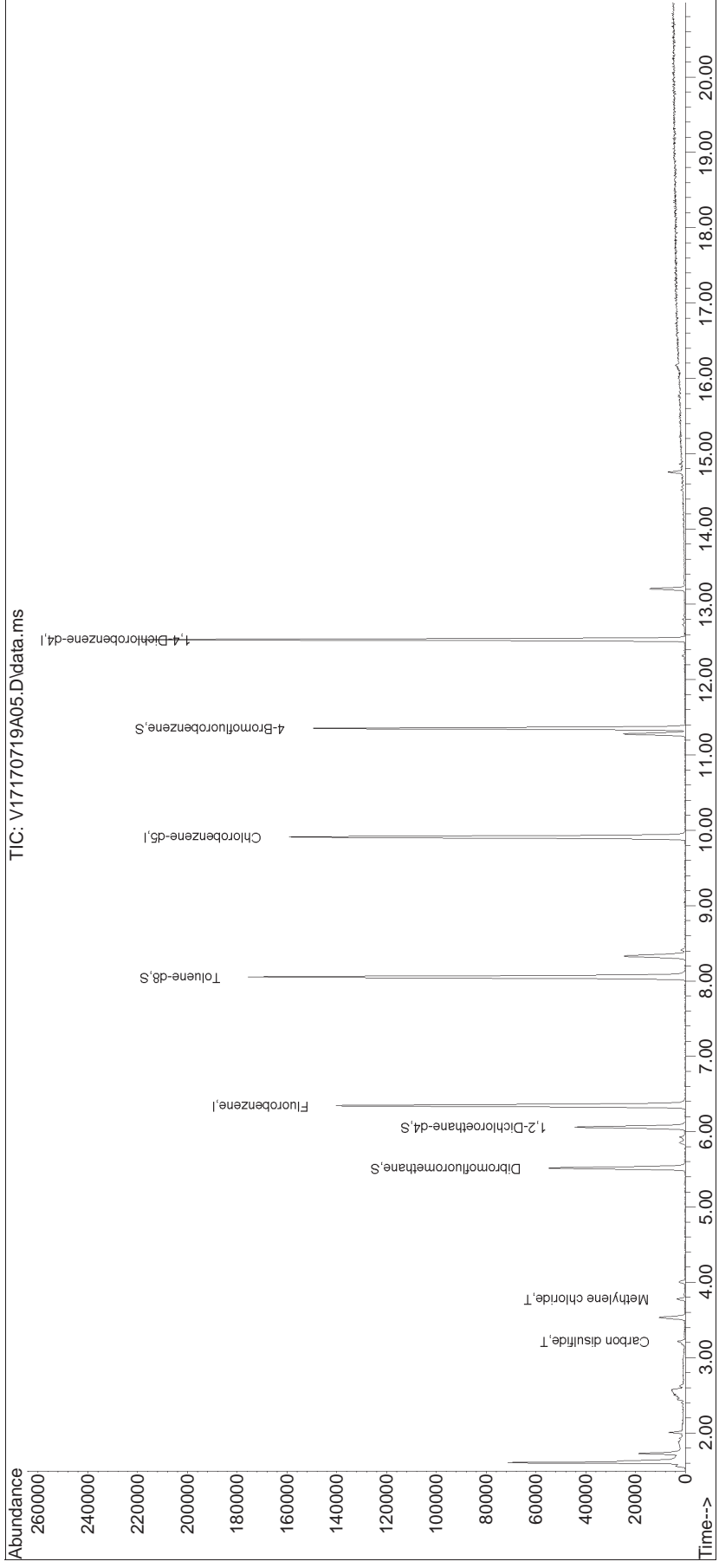
(#) = qualifier out of range (m) = manual integration (+) = signals summed

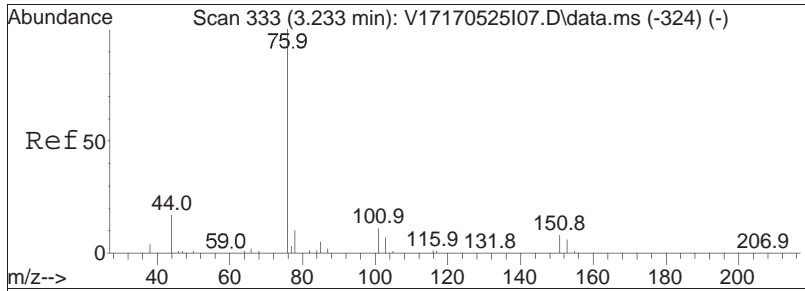
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA117\2017\170719A\
Data File : V17170719A05.D
Acq On : 19 Jul 2017 08:47
Operator : VOA117:CBN
Sample : WG1023786-10,31h,15,15,0.1
Misc : WG1023786,ICAL13689
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 19 09:38:45 2017
Quant Method : I:\VOLATILES\VOA117\2017\170719A\170719A\170719A\170525_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu May 25 12:01:44 2017
Response via : Initial Calibration

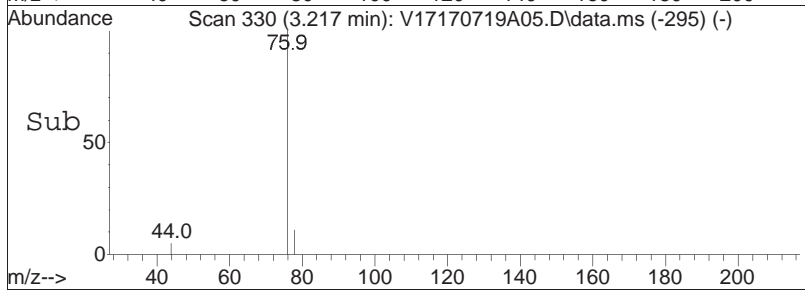
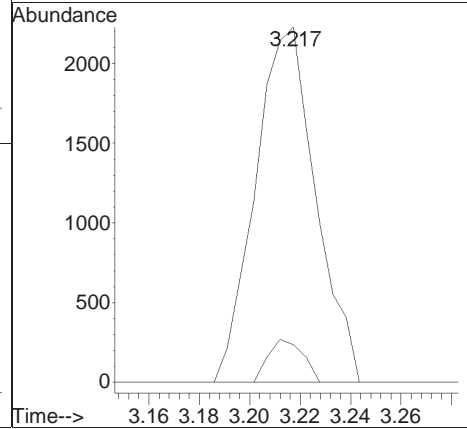
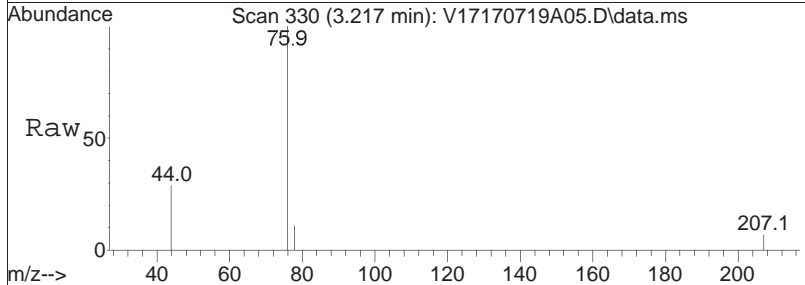
Sub List : 8260-CurveSoil - Megamix plus Diox9A\V17170719A01.D•

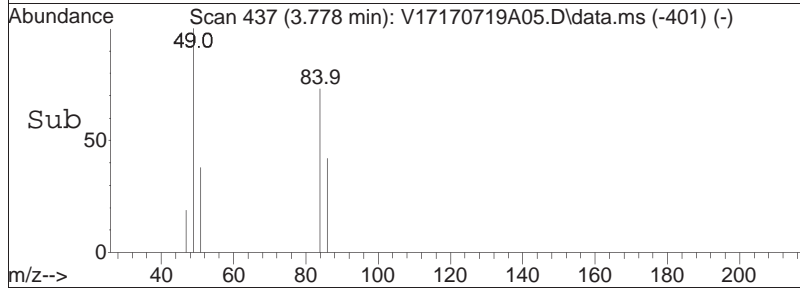
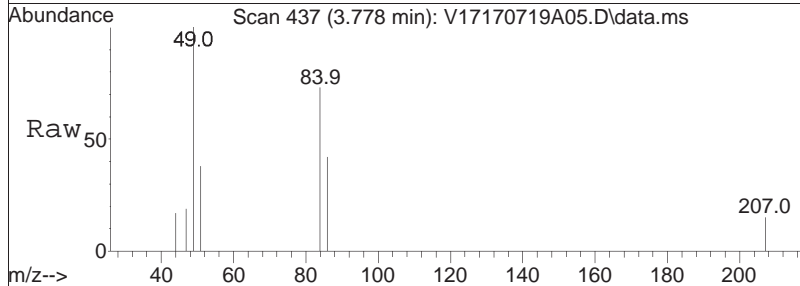
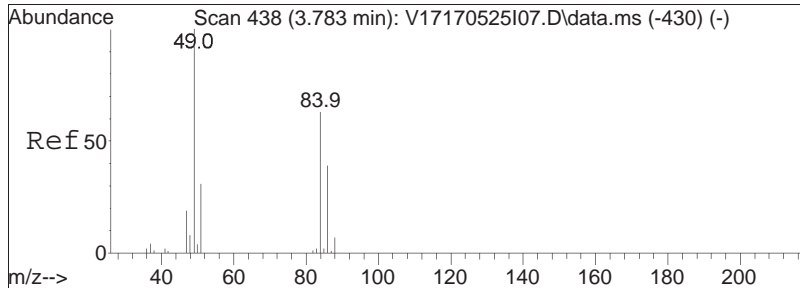




#11
 Carbon disulfide
 Concen: 0.45 ug/L
 RT: 3.217 min Scan# 330
 Delta R.T. -0.016 min
 Lab File: V17170719A05.D
 Acq: 19 Jul 2017 08:47

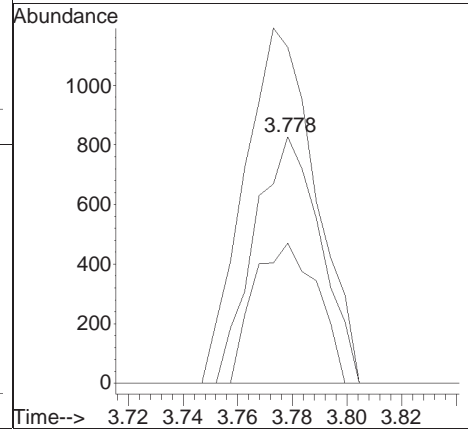
Tgt Ion	Resp	Lower	Upper
76	100		
78	7.0	6.4	13.4





#15
 Methylene chloride
 Concen: 0.57 ug/L
 RT: 3.778 min Scan# 437
 Delta R.T. -0.011 min
 Lab File: V17170719A05.D
 Acq: 19 Jul 2017 08:47

Tgt Ion:	84	Resp:	1390
Ion Ratio	Lower	Upper	
84	100		
86	54.9	42.4	88.2
49	155.7	117.3	243.5



Manual Integration Report

Data Path : I:\VOLATILES\VOA117\2017\1QMethod : V117_170525_8260.m
Data File : V17170719A05.D Operator : VOA117:CBN
Date Inj'd : 7/19/2017 8:47 Instrument : VOA 117
Sample : WG1023786-10,31h,15,15,0.1Quant Date : 7/19/2017 9:37 am

There are no manual integrations or false positives in this file.

LSC Area Percent Report

Data Path : I:\VOLATILES\VOA117\2017\170719A\
 Data File : V17170719A05.D
 Acq On : 19 Jul 2017 08:47
 Operator : VOA117:CBN
 Sample : WG1023786-10,31h,15,15,0.1
 Misc : WG1023786,ICAL13689
 ALS Vial : 5 Sample Multiplier: 1

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : I:\VOLATILES\VOA117\2017\170719A\V117_170525_8260.m
 Title : VOLATILES BY GC/MS

Signal : TIC: V17170719A05.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.608	18	23	41	rVV	70678	129373	35.62%	6.111%
2	1.723	41	45	59	rVB	17035	29234	8.05%	1.381%
3	3.532	380	390	400	rVB2	10390	23091	6.36%	1.091%
4	5.514	758	768	783	rBB	54820	116282	32.01%	5.493%
5	6.059	863	872	887	rVB2	44437	92324	25.42%	4.361%
6	6.347	914	927	948	rBB	140433	294734	81.14%	13.923%
7	8.051	1242	1252	1269	rBB	175609	363248	100.00%	17.160%
8	8.329	1290	1305	1315	rBV3	24666	64469	17.75%	3.045%
9	9.913	1596	1607	1623	rBB	159267	326032	89.75%	15.402%
10	11.281	1857	1868	1875	rBV3	25035	49021	13.50%	2.316%
11	11.355	1875	1882	1892	rVB	149605	255343	70.29%	12.062%
12	12.534	2098	2107	2116	rBV	220235	349244	96.14%	16.498%
13	13.205	2226	2235	2246	rVB	13991	24486	6.74%	1.157%

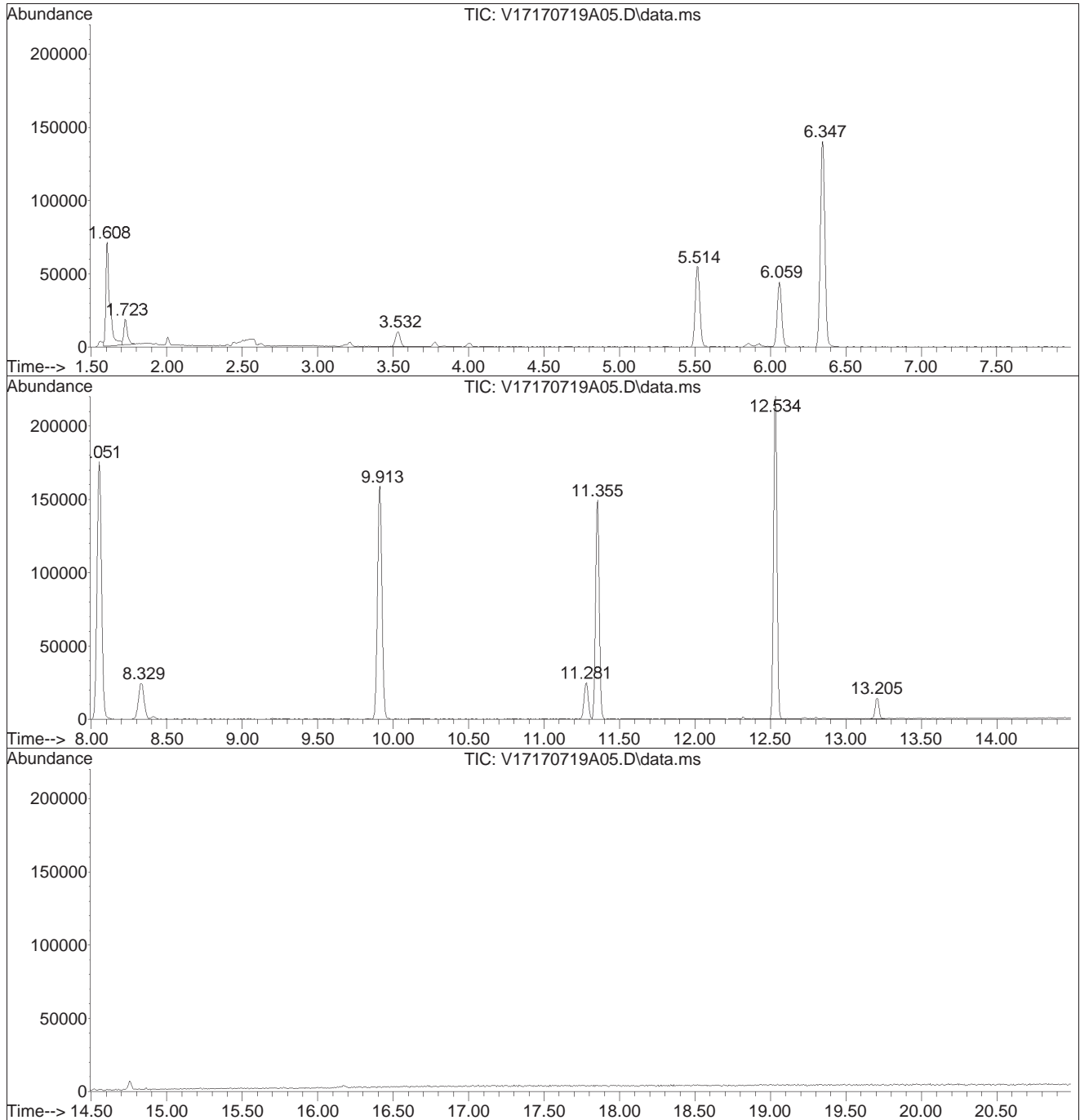
Sum of corrected areas: 2116881

LSC Report - Integrated Chromatogram

Data Path : I:\VOLATILES\VOA117\2017\170719A\
Data File : V17170719A05.D
Acq On : 19 Jul 2017 08:47
Operator : VOA117:CBN
Sample : WG1023786-10,31h,15,15,0.1
Misc : WG1023786,ICAL13689
ALS Vial : 5 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA117\2017\170719A\V117_170525_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p



Library Search Compound Report

Data Path : I:\VOLATILES\VOA117\2017\170719A\
 Data File : V17170719A05.D
 Acq On : 19 Jul 2017 08:47
 Operator : VOA117:CBN
 Sample : WG1023786-10,31h,15,15,0.1
 Misc : WG1023786,ICAL13689
 ALS Vial : 5 Sample Multiplier: 1

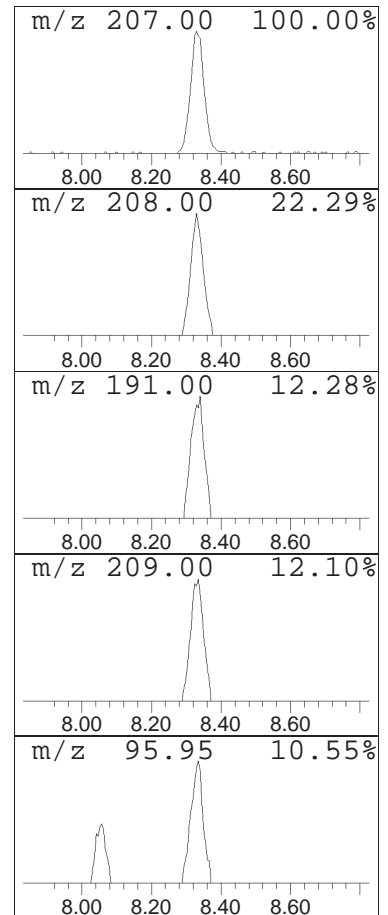
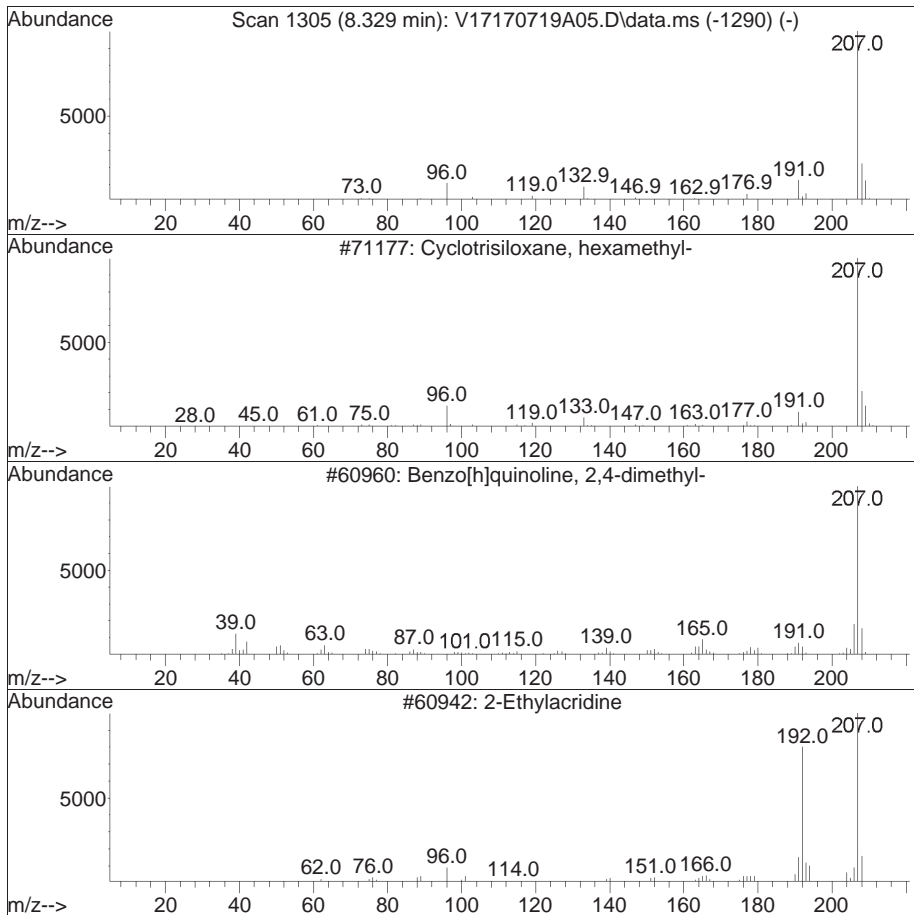
Quant Method : I:\VOLATILES\VOA117\2017\170719A\V117_170525_8260.m
 Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
 TIC Integration Parameters: rteint.p

 Peak Number 2 Unknown Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.329	3.95 ug/L	64469	Chlorobenzene-d5	9.913

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	83
2		Benzo[h]quinoline, 2,4-dimethyl-	207	C15H13N	000605-67-4	38
3		2-Ethylacridine	207	C15H13N	055751-83-2	38
4		1H-Indole, 1-methyl-2-phenyl-	207	C15H13N	003558-24-5	9
5		2-Methyl-7-phenylindole	207	C15H13N	001140-08-5	9



Library Search Compound Report

Data Path : I:\VOLATILES\VOA117\2017\170719A\
 Data File : V17170719A05.D
 Acq On : 19 Jul 2017 08:47
 Operator : VOA117:CBN
 Sample : WG1023786-10,31h,15,15,0.1
 Misc : WG1023786,ICAL13689
 ALS Vial : 5 Sample Multiplier: 1

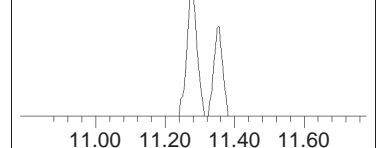
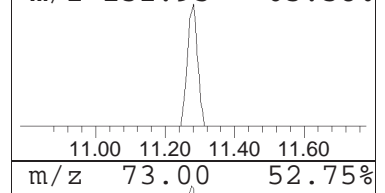
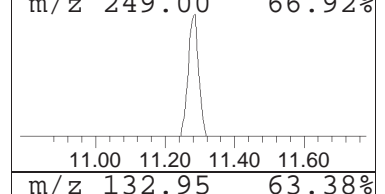
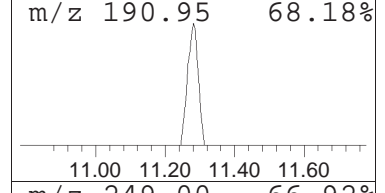
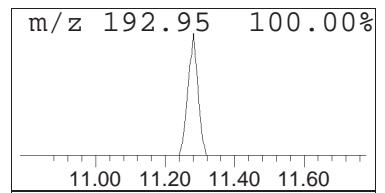
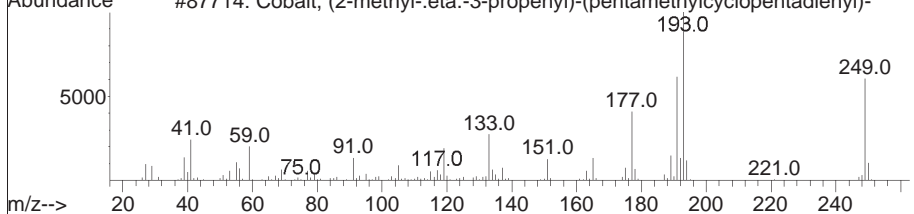
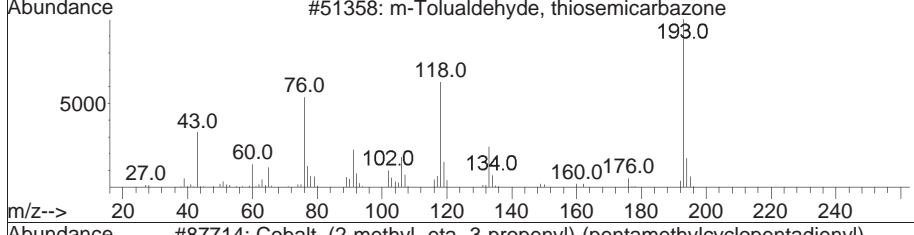
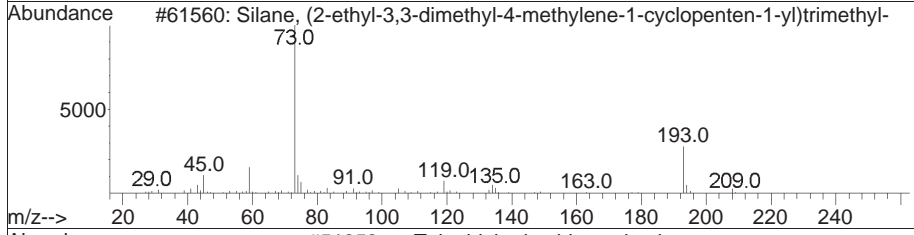
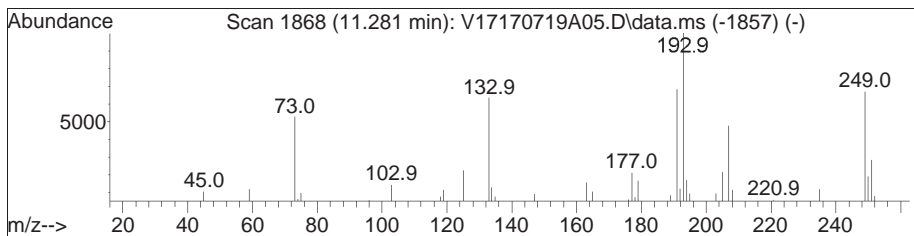
Quant Method : I:\VOLATILES\VOA117\2017\170719A\V117_170525_8260.m
 Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
 TIC Integration Parameters: rteint.p

 Peak Number 3 Unknown Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.281	2.81 ug/L	49021	1,4-Dichlorobenzene-d4	12.534

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Silane, (2-ethyl-3,3-dimethyl-4-...	208	C13H24Si	095798-13-3	15
2		m-Tolualdehyde, thiosemicarbazone	193	C9H11N3S	005706-82-1	14
3		Cobalt, (2-methyl-.eta.-3-propen...	249	C14H22Co	1000157-04-3	14
4		1-(10-Methyl-9,10-dihydroanthrac...	251	C17H17NO	1000210-33-6	14
5		Trisiloxane, 1,1,3,3,5,5-hexamet...	208	C6H20O2Si3	001189-93-1	14



Tentatively Identified Compound (LSC) summary

Data Path : I:\VOLATILES\VOA117\2017\170719A\
 Data File : V17170719A05.D
 Acq On : 19 Jul 2017 08:47
 Operator : VOA117:CBN
 Sample : WG1023786-10,31h,15,15,0.1
 Misc : WG1023786,ICAL13689
 ALS Vial : 5 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA117\2017\170719A\V117_170525_8260.m
 Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
 TIC Integration Parameters: rteint.p

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Unknown	8.329	4.0	ug/L	64469	2	9.913	326032	20.0
Unknown	11.281	2.8	ug/L	49021	3	12.534	349244	20.0

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2017\170717A\
 Data File : V01170717A02.D
 Acq On : 17 Jul 2017 10:08
 Operator : VOA101:PD
 Sample : WG1023276-3,31,10,10
 Misc : WG1023276,ICAL13786
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 17 10:32:22 2017
 Quant Method : I:\VOLATILES\VOA101\2017\170717A\V101_170629B_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Fri Jun 30 16:37:53 2017
 Response via : Initial Calibration

Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	

Internal Standards							
1) Fluorobenzene	5.950	96	290727	10.000	ug/L	0.00	
59) Chlorobenzene-d5	9.759	117	229670	10.000	ug/L	0.00	
79) 1,4-Dichlorobenzene-d4	12.672	152	121874	10.000	ug/L	0.00	
System Monitoring Compounds							
36) Dibromofluoromethane	5.099	113	75301	11.184	ug/L	0.00	
Spiked Amount	10.000		Range 70 - 130	Recovery =	111.84%		
43) 1,2-Dichloroethane-d4	5.655	65	94252	12.079	ug/L	0.00	
Spiked Amount	10.000		Range 70 - 130	Recovery =	120.79%		
60) Toluene-d8	7.762	98	299860	9.760	ug/L	0.00	
Spiked Amount	10.000		Range 70 - 130	Recovery =	97.60%		
83) 4-Bromofluorobenzene	11.352	95	116413	9.477	ug/L	0.00	
Spiked Amount	10.000		Range 70 - 130	Recovery =	94.77%		
Target Compounds							
2) Dichlorodifluoromethane	1.536	85	52150	10.612	ug/L	99	Qvalue
3) Chloromethane	1.716	50	67431	8.657	ug/L	98	
4) Vinyl chloride	1.787	62	64874	9.080	ug/L	98	
5) Bromomethane	2.082	94	19803	9.127	ug/L	99	
6) Chloroethane	2.191	64	37082	9.149	ug/L	95	
7) Trichlorofluoromethane	2.327	101	97028	11.469	ug/L	99	
8) Ethyl ether	2.611	74	22570	9.883	ug/L #	66	
10) 1,1-Dichloroethene	2.802	96	46513	9.782	ug/L #	61	
11) Carbon disulfide	2.835	76	130617	9.122	ug/L	99	
15) Methylene chloride	3.353	84	52773	9.551	ug/L	78	
17) Acetone	3.402	43	8734	10.252	ug/L	98	
18) trans-1,2-Dichloroethene	3.506	96	56035	9.887	ug/L	75	
20) Methyl tert-butyl ether	3.598	73	120338	10.584	ug/L	92	
23) 1,1-Dichloroethane	4.100	63	126826	9.447	ug/L	97	
25) Acrylonitrile	4.160	53	12524	8.905	ug/L	93	
27) Vinyl acetate	4.346	43	102125	9.348	ug/L	96	
28) cis-1,2-Dichloroethene	4.641	96	60953	9.775	ug/L #	77	
29) 2,2-Dichloropropane	4.739	77	93606	10.621	ug/L	97	
30) Bromochloromethane	4.842	128	24813	10.836	ug/L	87	
32) Chloroform	4.913	83	106710	10.287	ug/L	98	
34) Carbon tetrachloride	5.050	117	90124	11.303	ug/L	99	
37) 1,1,1-Trichloroethane	5.115	97	103373	10.989	ug/L	95	
39) 2-Butanone	5.230	43	15007M1	9.692	ug/L		
40) 1,1-Dichloropropene	5.246	75	87651	9.833	ug/L	100	

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2017\170717A\
 Data File : V01170717A02.D
 Acq On : 17 Jul 2017 10:08
 Operator : VOA101:PD
 Sample : WG1023276-3,31,10,10
 Misc : WG1023276,ICAL13786
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 17 10:32:22 2017
 Quant Method : I:\VOLATILES\VOA101\2017\170717A\V101_170629B_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Fri Jun 30 16:37:53 2017
 Response via : Initial Calibration

Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Benzene	5.508	78	232526	9.197	ug/L	# 90
44) 1,2-Dichloroethane	5.726	62	82585	11.276	ug/L	96
48) Trichloroethene	6.141	95	62934	9.865	ug/L	91
50) Dibromomethane	6.616	93	26718	10.567	ug/L	93
51) 1,2-Dichloropropane	6.719	63	69352	9.125	ug/L	97
54) Bromodichloromethane	6.801	83	78328	10.591	ug/L	98
57) 1,4-Dioxane	7.025	88	14476	596.115	ug/L	# 78
58) cis-1,3-Dichloropropene	7.543	75	87826	10.065	ug/L	94
61) Toluene	7.822	92	154018	9.042	ug/L	96
62) 4-Methyl-2-pentanone	8.302	58	12407	8.296	ug/L	87
63) Tetrachloroethene	8.307	166	66612	10.123	ug/L	97
65) trans-1,3-Dichloropropene	8.351	75	71174	8.921	ug/L	99
68) 1,1,2-Trichloroethane	8.547	83	31247	9.081	ug/L	98
69) Chlorodibromomethane	8.782	129	46639	10.319	ug/L	96
70) 1,3-Dichloropropane	8.897	76	69821	9.210	ug/L	100
71) 1,2-Dibromoethane	9.077	107	35162	9.941	ug/L	98
72) 2-Hexanone	9.399	43	18348M1	7.985	ug/L	
73) Chlorobenzene	9.786	112	175200	9.364	ug/L	97
74) Ethylbenzene	9.819	91	304020	9.045	ug/L	96
75) 1,1,1,2-Tetrachloroethane	9.873	131	57667	9.985	ug/L	98
76) p/m Xylene	10.021	106	245085	18.829	ug/L	86
77) o Xylene	10.593	106	224567	18.826	ug/L	86
78) Styrene	10.664	104	358012	19.044	ug/L	97
80) Bromoform	10.697	173	22562	9.595	ug/L	100
82) Isopropylbenzene	10.997	105	331560	8.862	ug/L	100
84) Bromobenzene	11.472	156	63109	9.254	ug/L	99
85) n-Propylbenzene	11.510	91	375958	8.519	ug/L	95
87) 1,1,2,2-Tetrachloroethane	11.614	83	37016	8.548	ug/L	100
88) 4-Ethyltoluene	11.647	105	307238	8.818	ug/L	100
89) 2-Chlorotoluene	11.701	91	218216M1	8.702	ug/L	
90) 1,3,5-Trimethylbenzene	11.750	105	262226	8.976	ug/L	97
91) 1,2,3-Trichloropropane	11.767	75	32925M1	8.811	ug/L	
92) trans-1,4-Dichloro-2-b...	11.827	53	13833M1	10.508	ug/L	
93) 4-Chlorotoluene	11.898	91	221719	8.734	ug/L	92
94) tert-Butylbenzene	12.121	119	225033	9.020	ug/L	91
97) 1,2,4-Trimethylbenzene	12.214	105	261067	9.020	ug/L	97
98) sec-Butylbenzene	12.329	105	313518	8.763	ug/L	97
99) p-Isopropyltoluene	12.498	119	267578	9.048	ug/L	96
100) 1,3-Dichlorobenzene	12.585	146	130762	9.323	ug/L	98
101) 1,4-Dichlorobenzene	12.689	146	130385	9.112	ug/L	98

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2017\170717A\
 Data File : V01170717A02.D
 Acq On : 17 Jul 2017 10:08
 Operator : VOA101:PD
 Sample : WG1023276-3,31,10,10
 Misc : WG1023276,ICAL13786
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 17 10:32:22 2017
 Quant Method : I:\VOLATILES\VOA101\2017\170717A\V101_170629B_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Fri Jun 30 16:37:53 2017
 Response via : Initial Calibration

Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
102) p-Diethylbenzene	12.907	119	146029	8.947	ug/L	97
103) n-Butylbenzene	12.972	91	222178	8.631	ug/L	98
104) 1,2-Dichlorobenzene	13.158	146	107457	9.234	ug/L	99
105) 1,2,4,5-Tetramethylben...	13.791	119	186843	9.080	ug/L	94
106) 1,2-Dibromo-3-chloropr...	14.026	155	3570	8.573	ug/L	88
108) Hexachlorobutadiene	14.686	225	20723	9.706	ug/L	99
109) 1,2,4-Trichlorobenzene	14.724	180	38716	9.096	ug/L	96
110) Naphthalene	15.062	128	54525	8.949	ug/L	100
111) 1,2,3-Trichlorobenzene	15.248	180	19074	9.543	ug/L	96

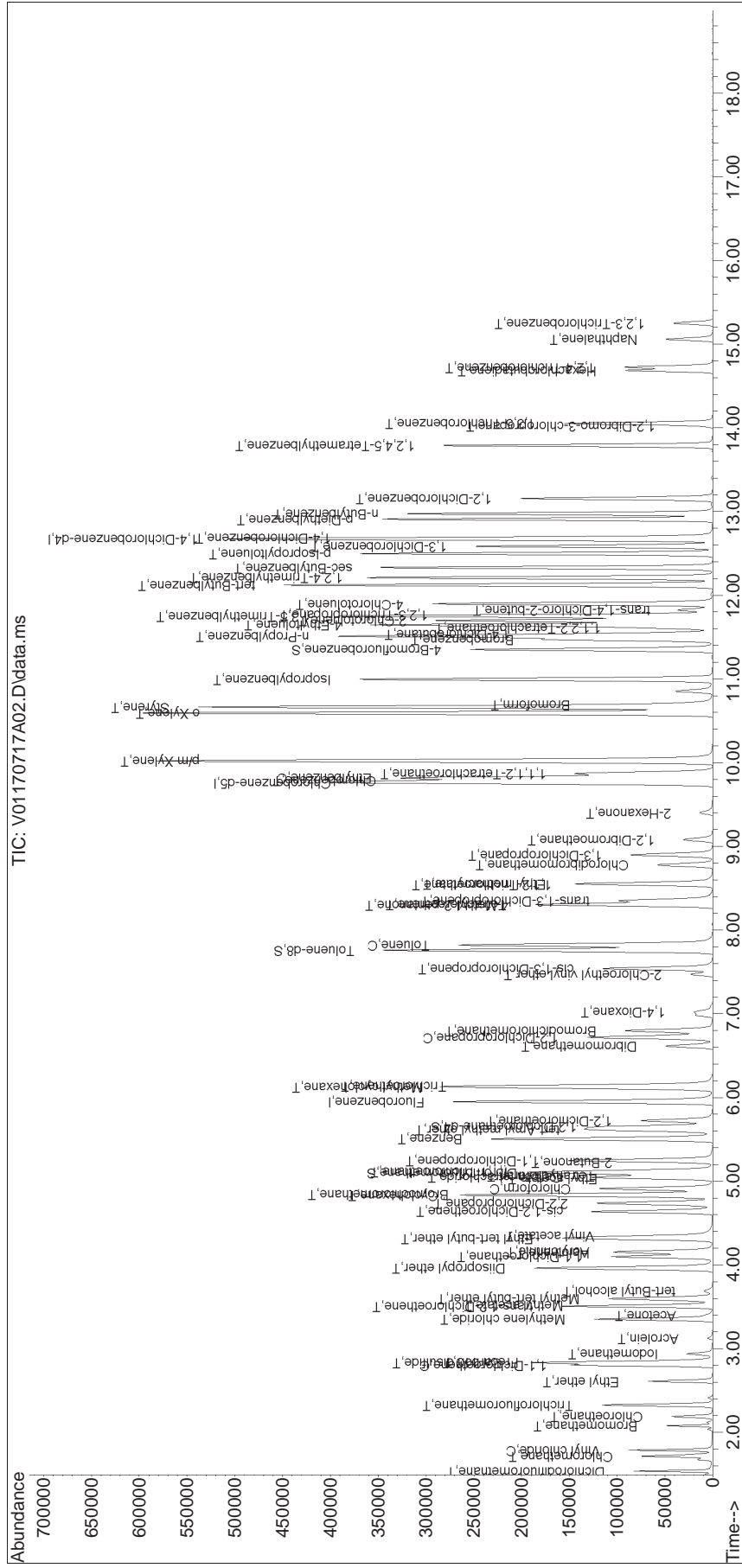
(#) = qualifier out of range (m) = manual integration (+) = signals summed

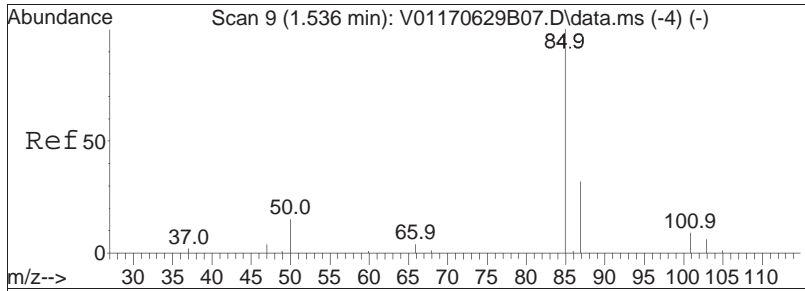
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2017\170717A\
 Data File : V01170717A02.D
 Acq On : 17 Jul 2017 10:08
 Operator : VOA101:PD
 Sample : WG1023276-3,31,10,10
 Misc : WG1023276,ICAL13786
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 17 10:32:22 2017
 Quant Method : I:\VOLATILES\VOA101\2017\170717A\170629B_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Fri Jun 30 16:37:53 2017
 Response via : Initial Calibration

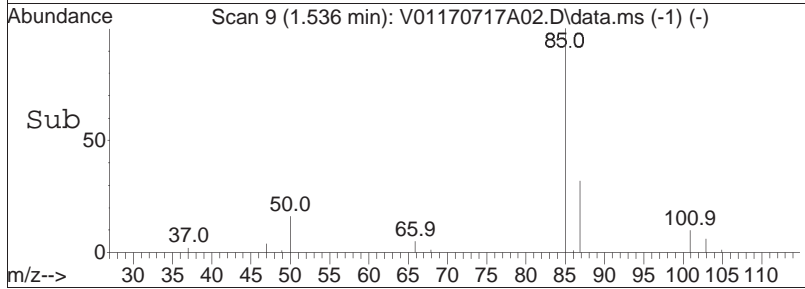
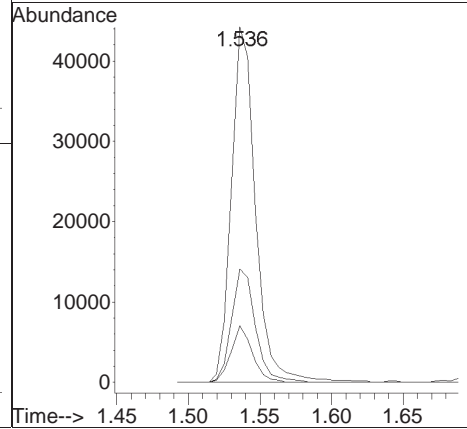
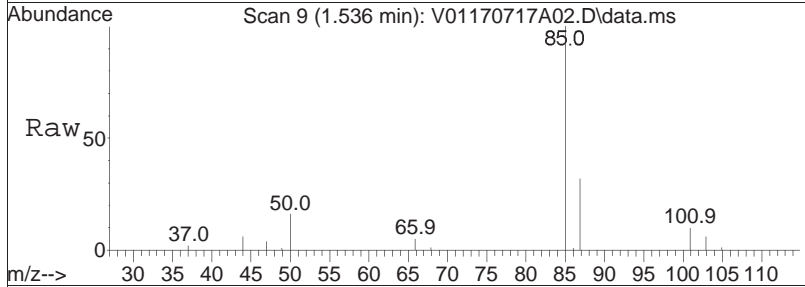
Sub List : 8260-Curve - Megamix plus Diox

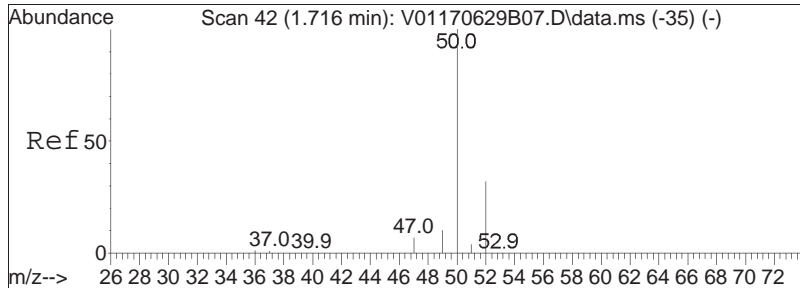




#2
 Dichlorodifluoromethane
 Concen: 10.61 ug/L
 RT: 1.536 min Scan# 9
 Delta R.T. -0.000 min
 Lab File: V01170717A02.D
 Acq: 17 Jul 2017 10:08

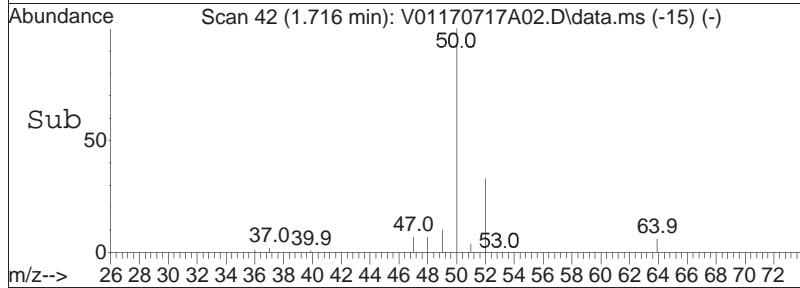
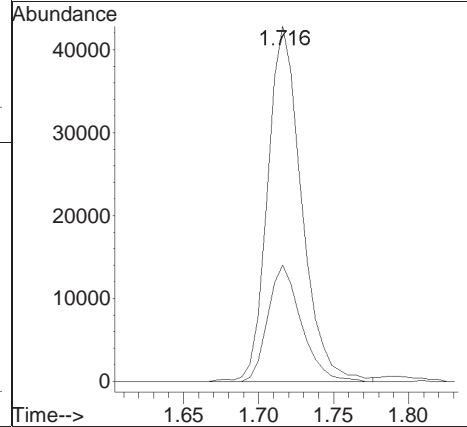
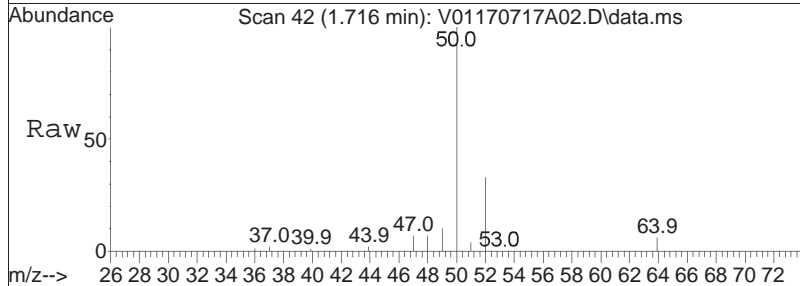
Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.6	20.7	43.1
50	14.2	8.3	17.1

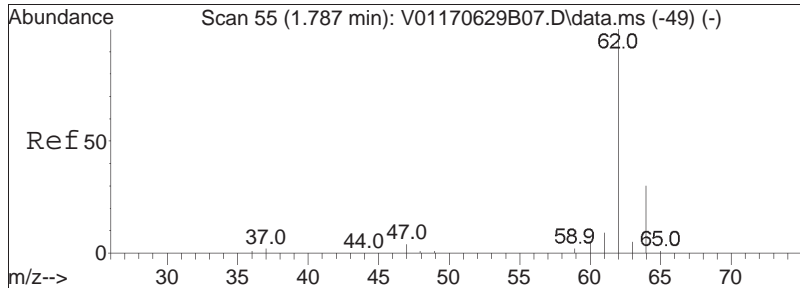




#3
 Chloromethane
 Concen: 8.66 ug/L
 RT: 1.716 min Scan# 42
 Delta R.T. -0.000 min
 Lab File: V01170717A02.D
 Acq: 17 Jul 2017 10:08

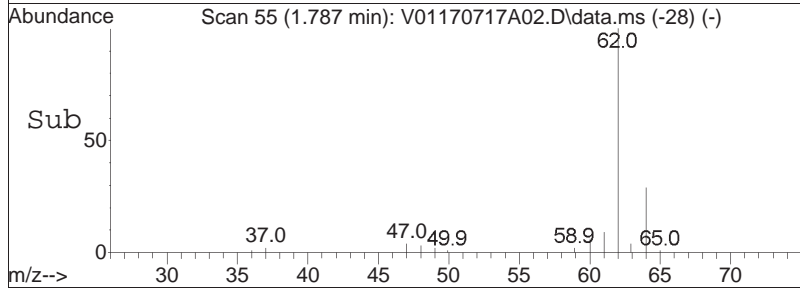
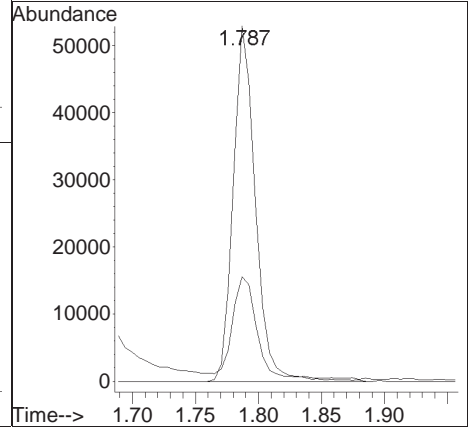
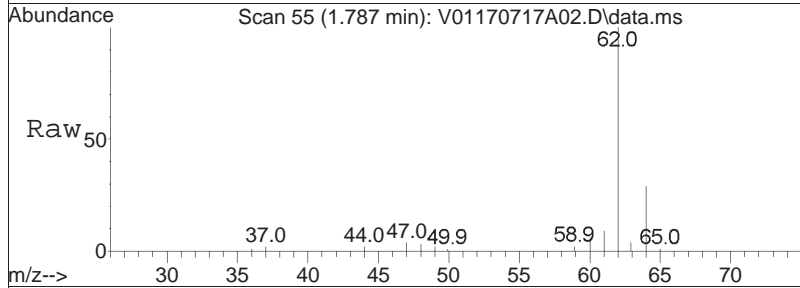
Tgt Ion	Resp	Lower	Upper
50	100		
52	32.0	13.3	53.3

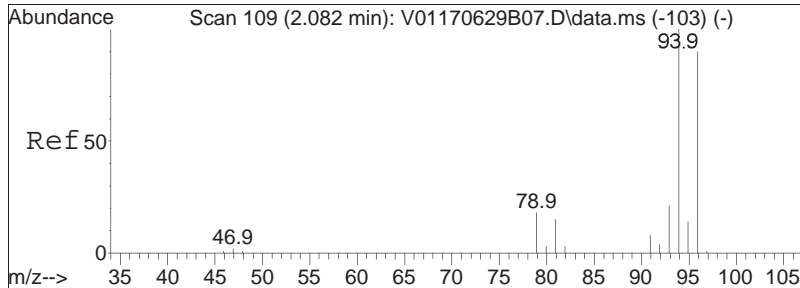




#4
 Vinyl chloride
 Concen: 9.08 ug/L
 RT: 1.787 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: V01170717A02.D
 Acq: 17 Jul 2017 10:08

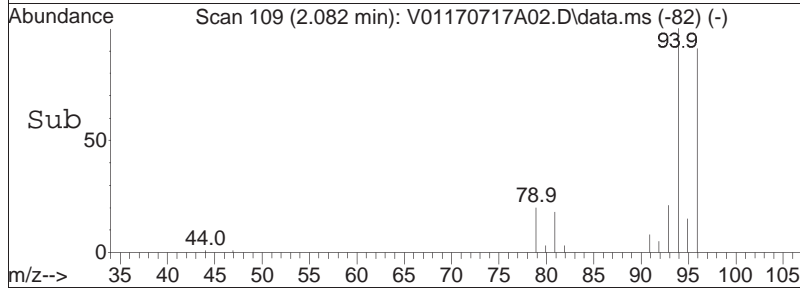
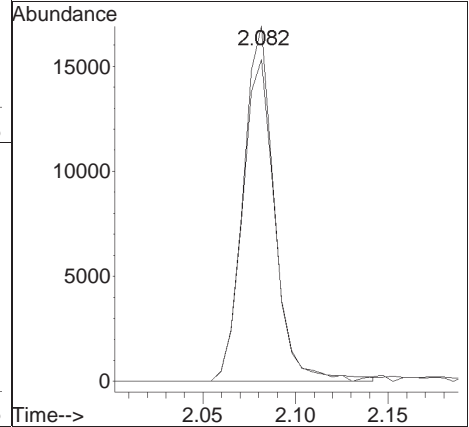
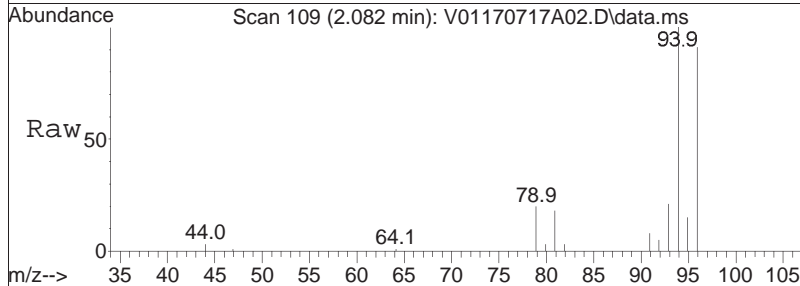
Tgt Ion:	Resp:		
Ion Ratio	Lower	Upper	
62	100		
64	31.2	12.3	52.3

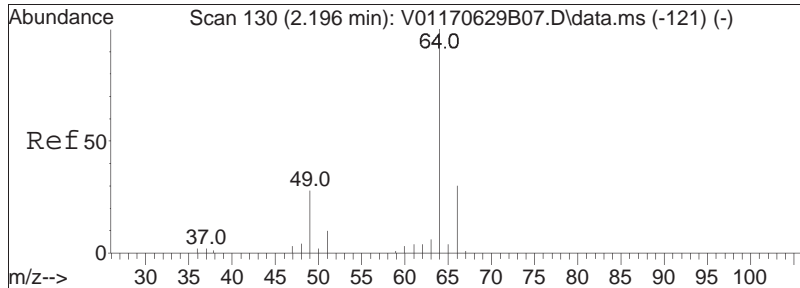




#5
 Bromomethane
 Concen: 9.13 ug/L
 RT: 2.082 min Scan# 109
 Delta R.T. -0.000 min
 Lab File: V01170717A02.D
 Acq: 17 Jul 2017 10:08

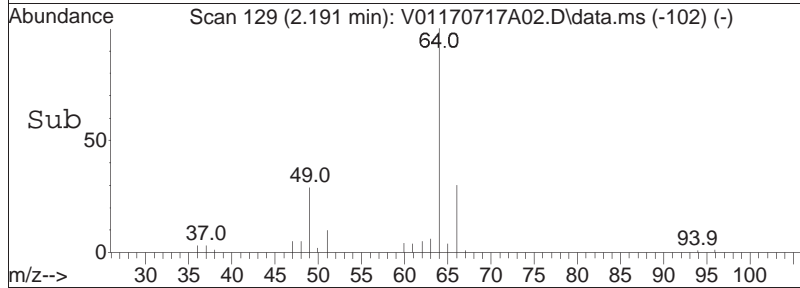
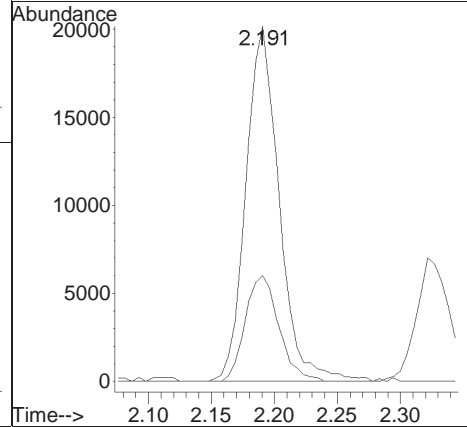
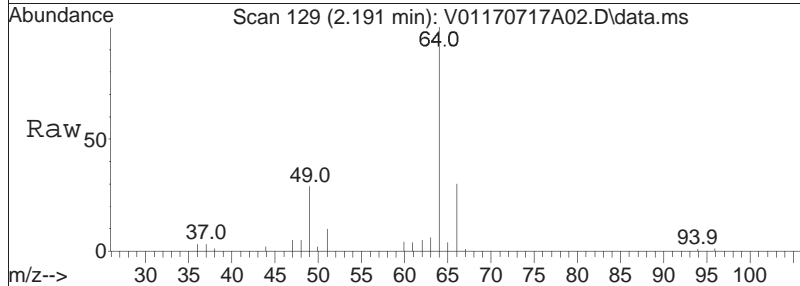
Tgt Ion	Resp	Lower	Upper
94	19803		
96	93.9	73.0	113.0

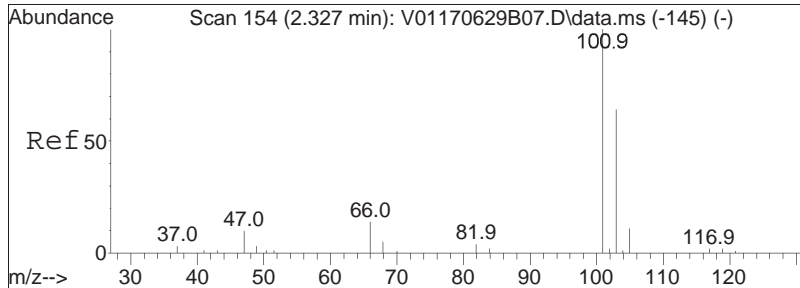




#6
 Chloroethane
 Concen: 9.15 ug/L
 RT: 2.191 min Scan# 129
 Delta R.T. -0.005 min
 Lab File: V01170717A02.D
 Acq: 17 Jul 2017 10:08

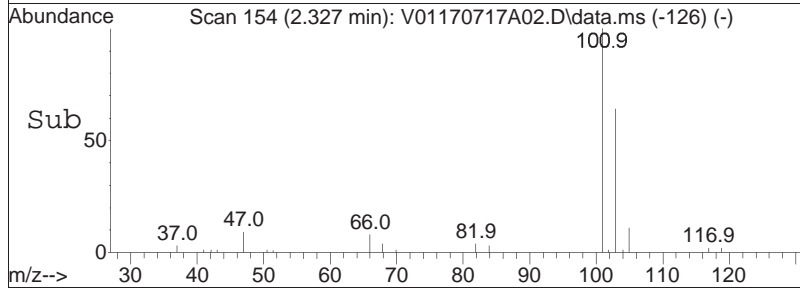
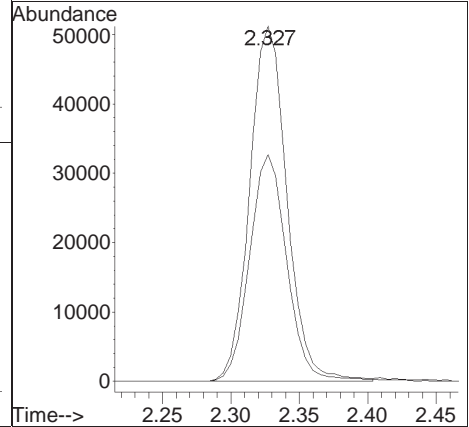
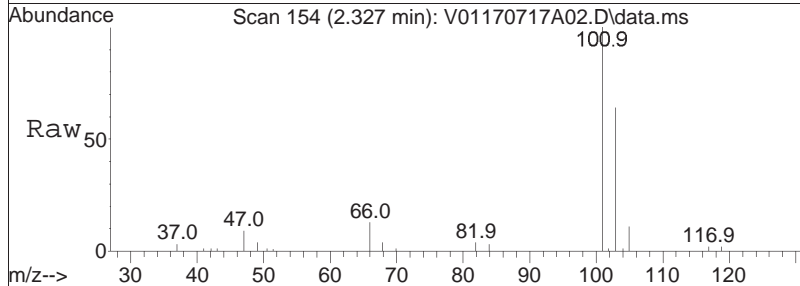
Tgt Ion: 64 Resp: 37082
 Ion Ratio Lower Upper
 64 100
 66 30.1 13.0 53.0

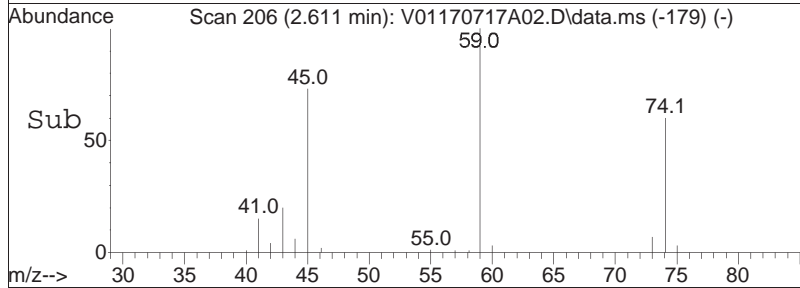
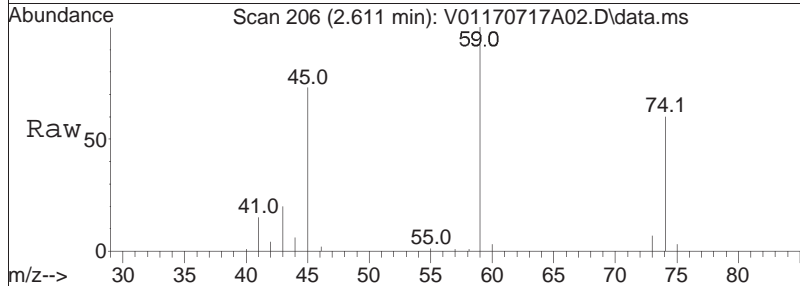
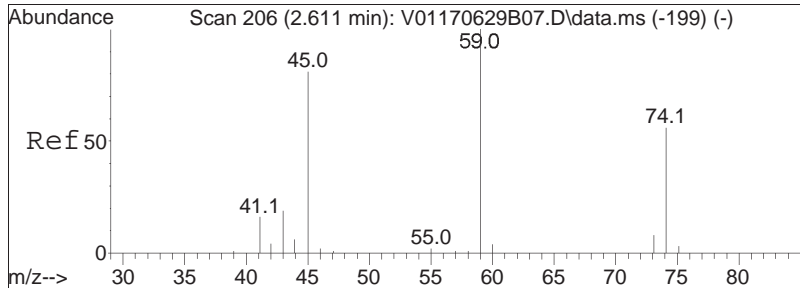




#7
 Trichlorofluoromethane
 Concen: 11.47 ug/L
 RT: 2.327 min Scan# 154
 Delta R.T. 0.000 min
 Lab File: V01170717A02.D
 Acq: 17 Jul 2017 10:08

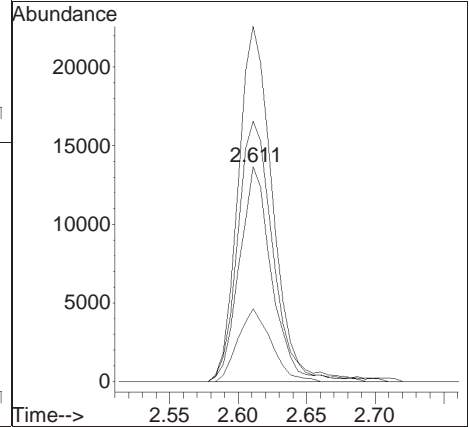
Tgt Ion	Resp	Lower	Upper
101	97028		
101	100		
103	64.2	51.8	77.6

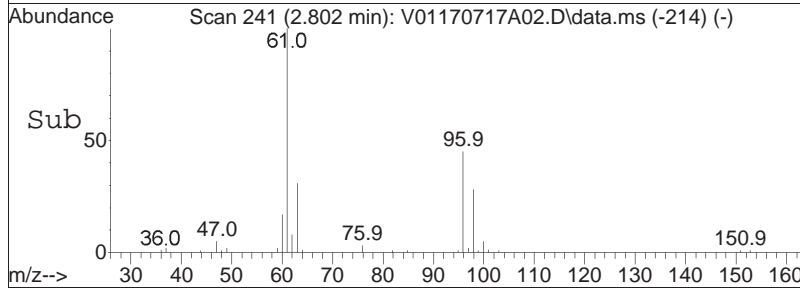
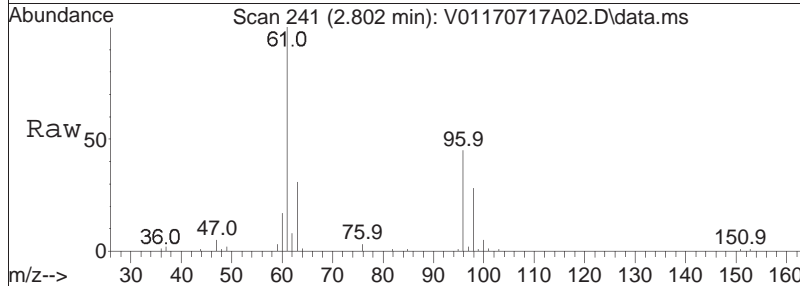
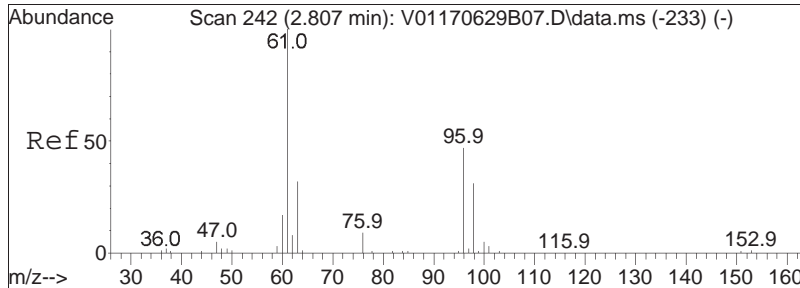




#8
 Ethyl ether
 Concen: 9.88 ug/L
 RT: 2.611 min Scan# 206
 Delta R.T. -0.000 min
 Lab File: V01170717A02.D
 Acq: 17 Jul 2017 10:08

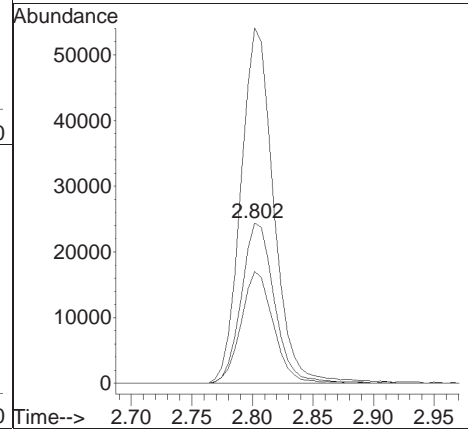
Tgt Ion:	Resp:		
Ion	Ratio	Lower	Upper
74	100		
59	176.1	84.2	175.0#
45	131.1	63.8	132.6
43	34.5	19.5	40.5

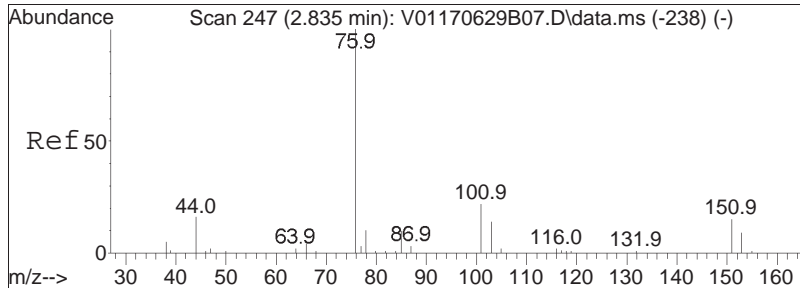




#10
 1,1-Dichloroethene
 Concen: 9.78 ug/L
 RT: 2.802 min Scan# 241
 Delta R.T. -0.005 min
 Lab File: V01170717A02.D
 Acq: 17 Jul 2017 10:08

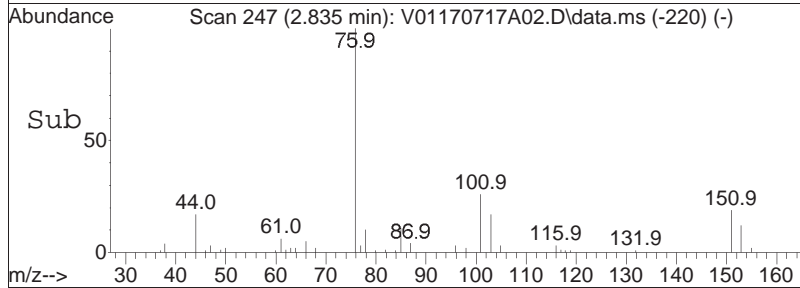
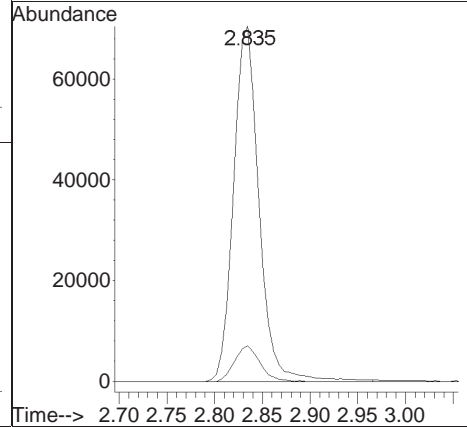
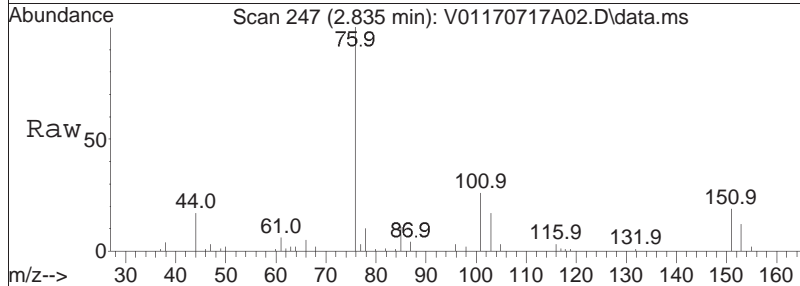
Tgt Ion:	96	Resp:	46513
Ion Ratio	Lower	Upper	
96	100		
61	220.3	129.4	194.2#
63	68.3	41.4	62.2#

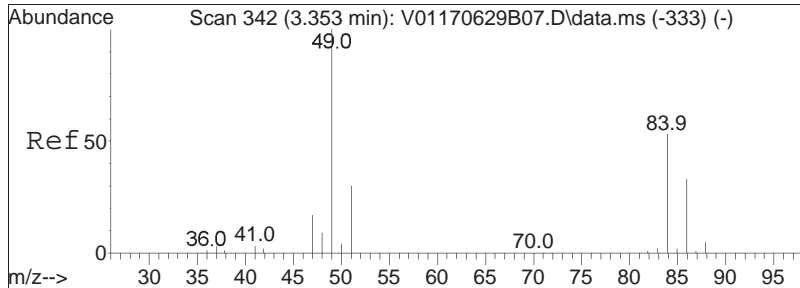




#11
 Carbon disulfide
 Concen: 9.12 ug/L
 RT: 2.835 min Scan# 247
 Delta R.T. -0.000 min
 Lab File: V01170717A02.D
 Acq: 17 Jul 2017 10:08

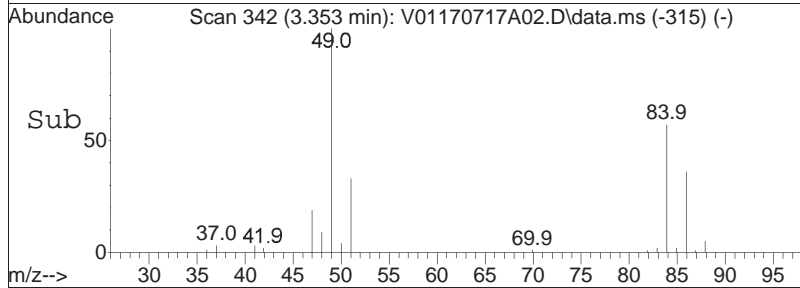
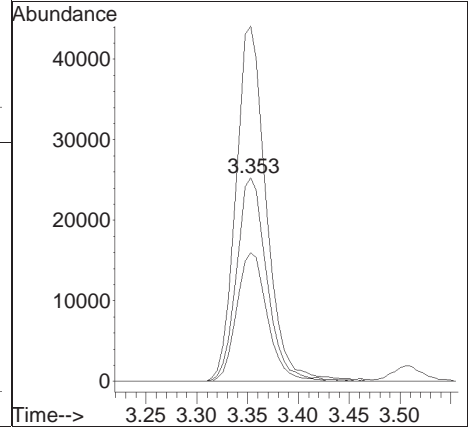
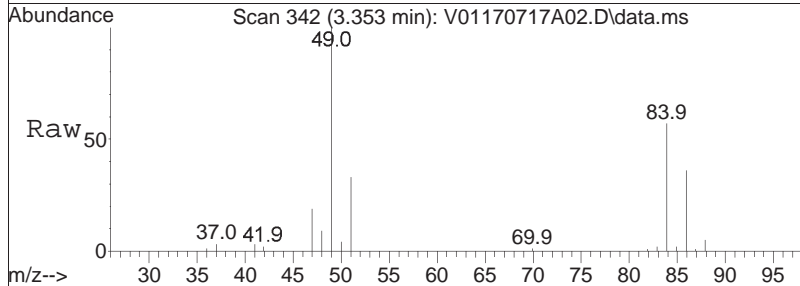
Tgt Ion: 76 Resp: 130617
 Ion Ratio Lower Upper
 76 100
 78 10.0 6.3 13.1

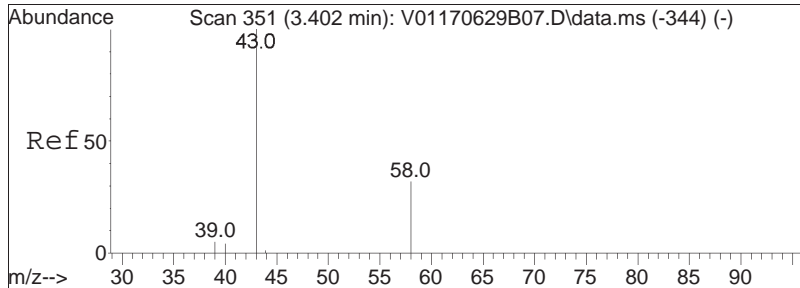




#15
 Methylene chloride
 Concen: 9.55 ug/L
 RT: 3.353 min Scan# 342
 Delta R.T. -0.000 min
 Lab File: V01170717A02.D
 Acq: 17 Jul 2017 10:08

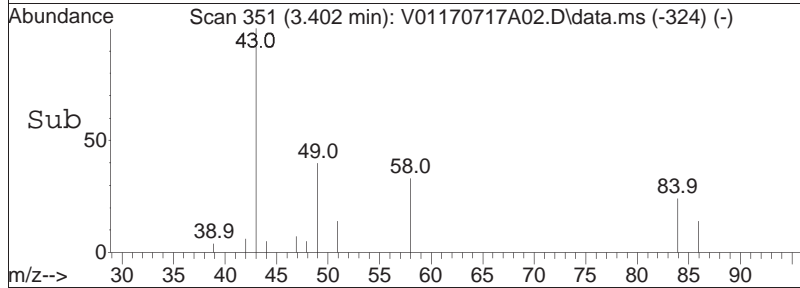
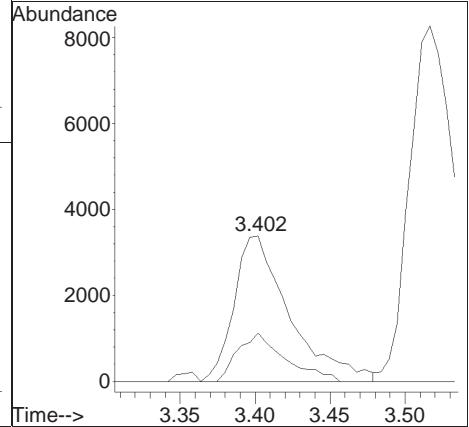
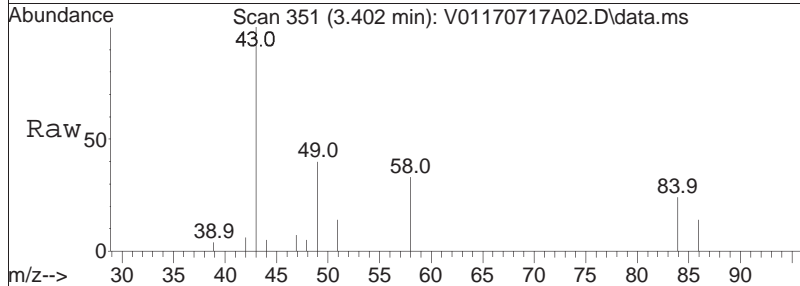
Tgt Ion:	Resp:		
Ion	Ratio	Lower	Upper
84	100		
86	63.6	41.0	85.2
49	174.4	88.5	183.9

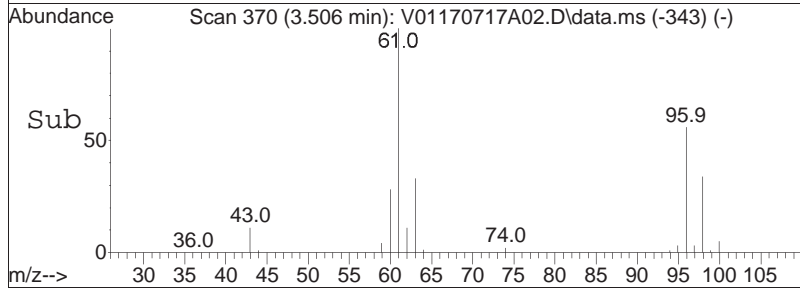
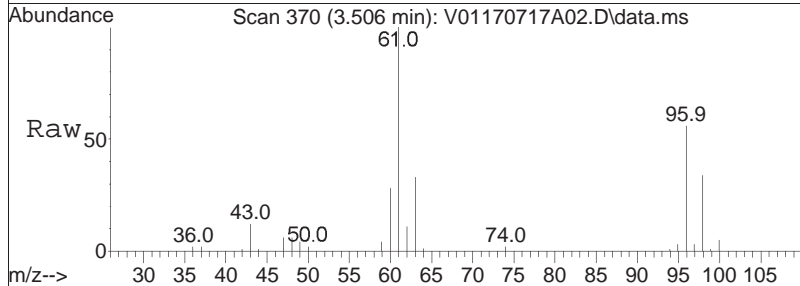
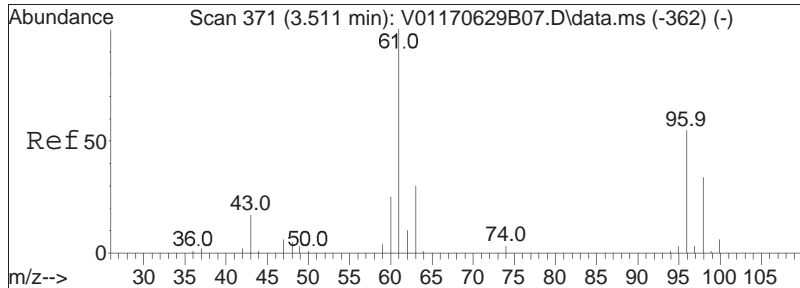




#17
 Acetone
 Concen: 10.25 ug/L
 RT: 3.402 min Scan# 351
 Delta R.T. -0.000 min
 Lab File: V01170717A02.D
 Acq: 17 Jul 2017 10:08

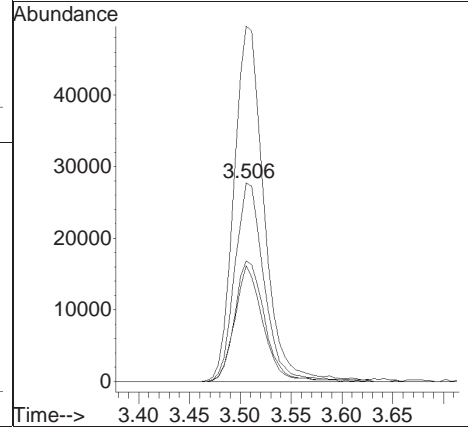
Tgt Ion	Resp	Lower	Upper
43	100		
58	28.3	21.8	32.6

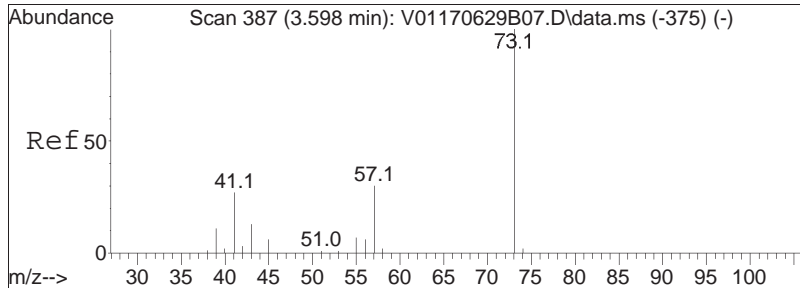




#18
 trans-1,2-Dichloroethene
 Concen: 9.89 ug/L
 RT: 3.506 min Scan# 370
 Delta R.T. -0.005 min
 Lab File: V01170717A02.D
 Acq: 17 Jul 2017 10:08

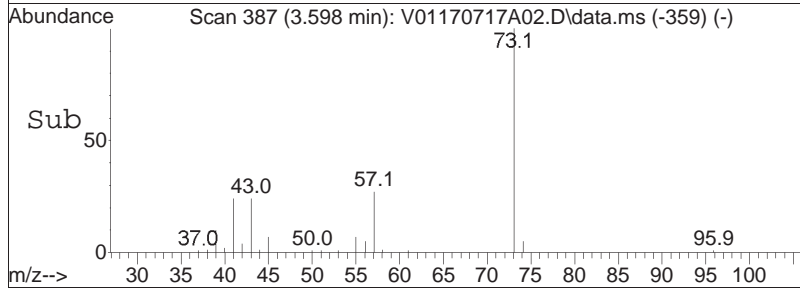
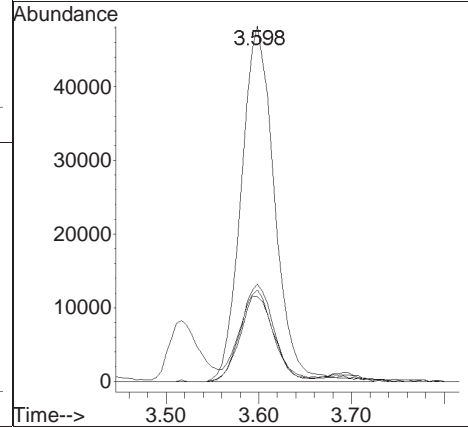
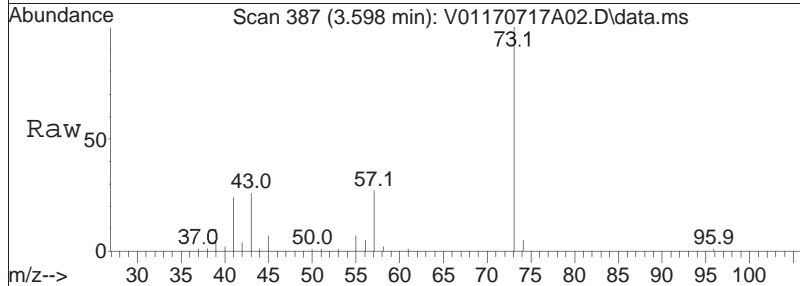
Tgt Ion	Resp	Lower	Upper
96	56035		
96	100		
61	181.9	88.2	183.2
98	61.6	40.8	84.6
63	55.6	28.4	59.0

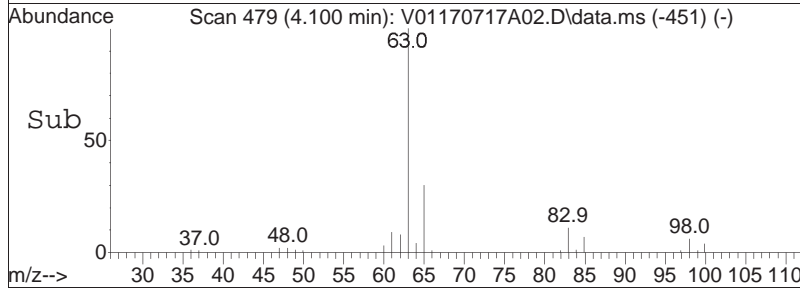
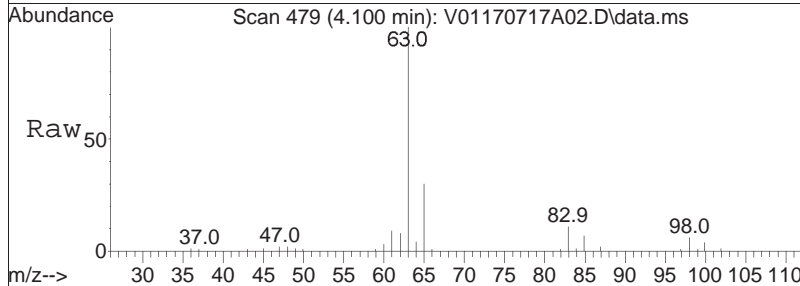
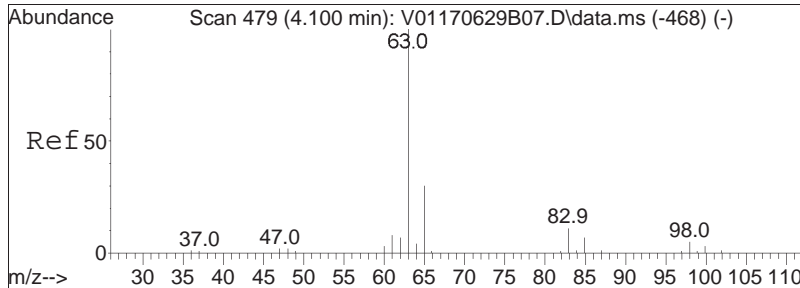




#20
 Methyl tert-butyl ether
 Concen: 10.58 ug/L
 RT: 3.598 min Scan# 387
 Delta R.T. 0.000 min
 Lab File: V01170717A02.D
 Acq: 17 Jul 2017 10:08

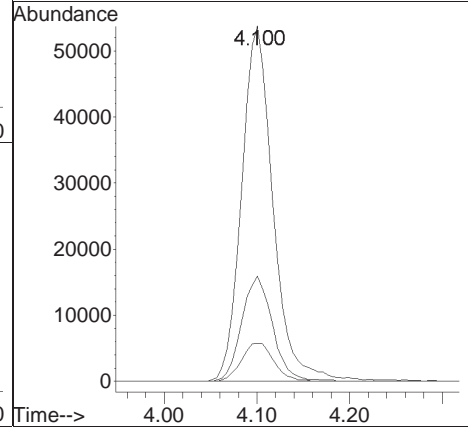
Tgt Ion	Resp	Lower	Upper
73	120338		
57	27.2	13.8	28.8
43	25.2	14.8	30.8
41	24.5	13.8	28.6

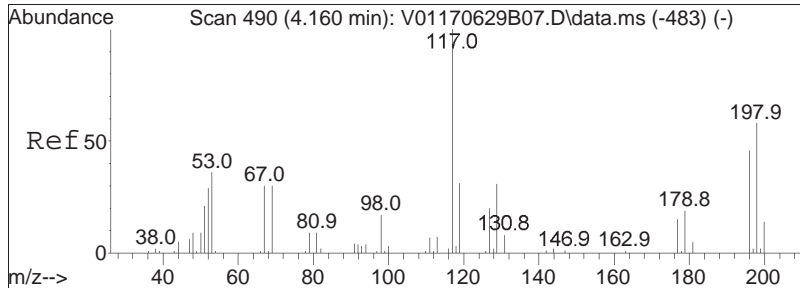




#23
 1,1-Dichloroethane
 Concen: 9.45 ug/L
 RT: 4.100 min Scan# 479
 Delta R.T. 0.000 min
 Lab File: V01170717A02.D
 Acq: 17 Jul 2017 10:08

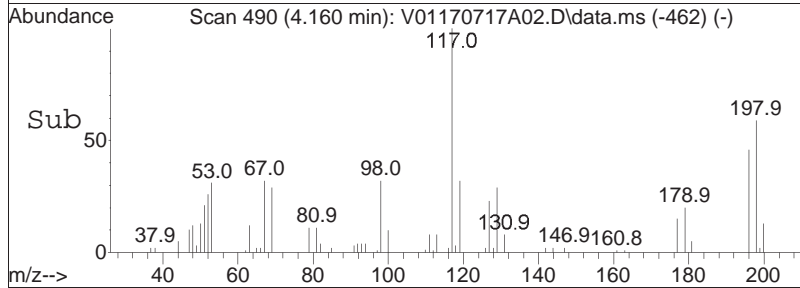
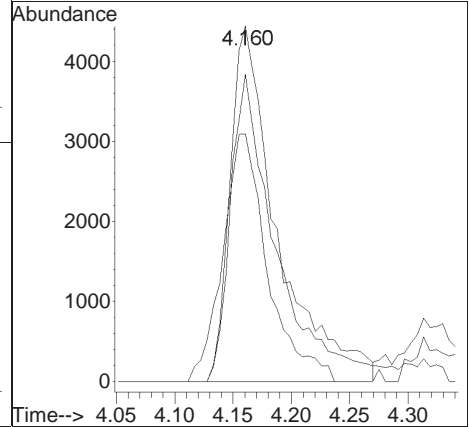
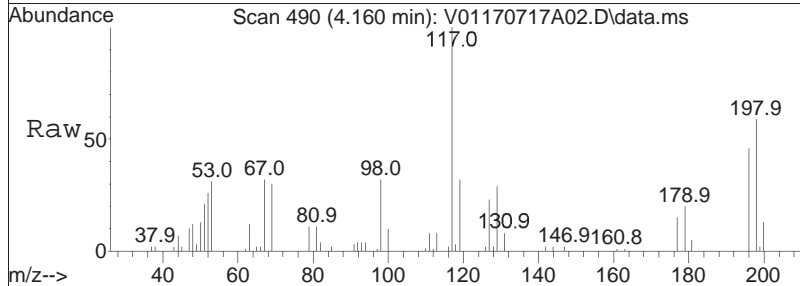
Tgt Ion:	Resp:		
Ion	Ratio	Lower	Upper
63	100		
65	29.1	10.5	50.5
83	11.2	0.0	33.2

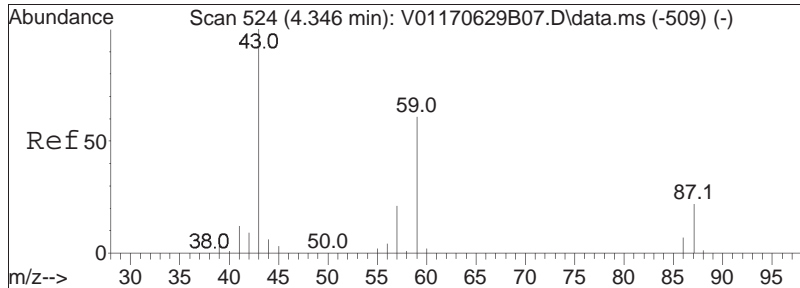




#25
 Acrylonitrile
 Concen: 8.91 ug/L
 RT: 4.160 min Scan# 490
 Delta R.T. 0.000 min
 Lab File: V01170717A02.D
 Acq: 17 Jul 2017 10:08

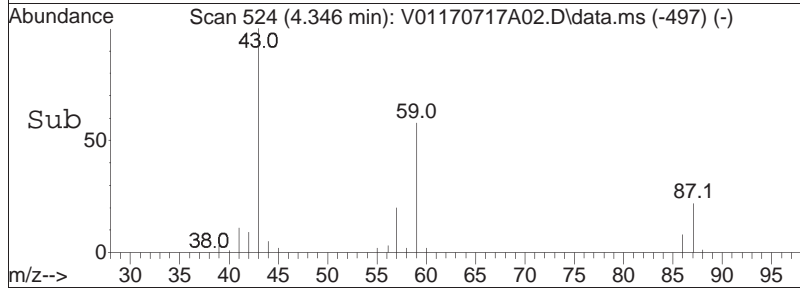
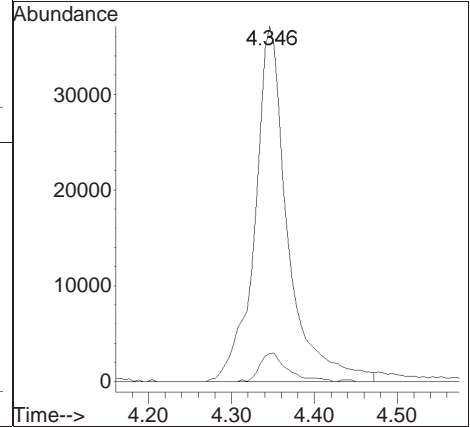
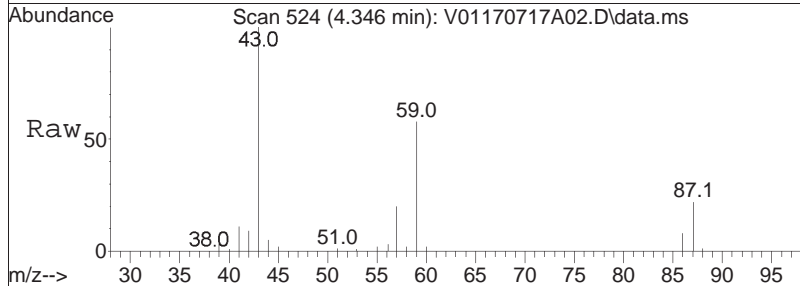
Tgt Ion:	53	Resp:	12524
Ion Ratio	Lower	Upper	
53	100		
52	83.7	63.4	95.0
51	65.9	58.7	88.1

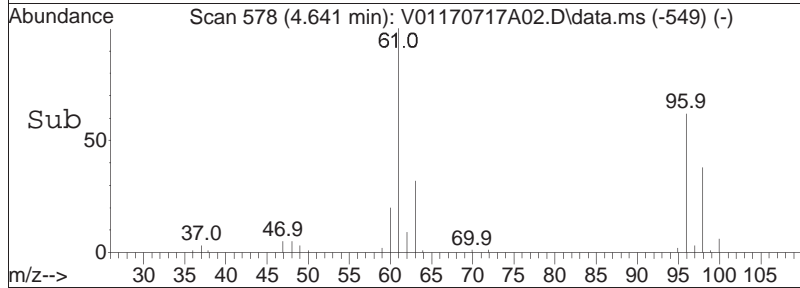
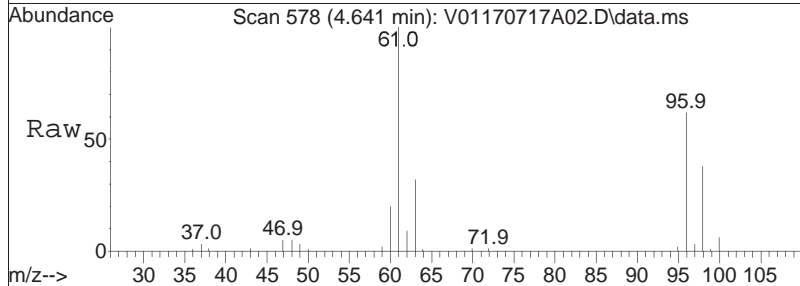
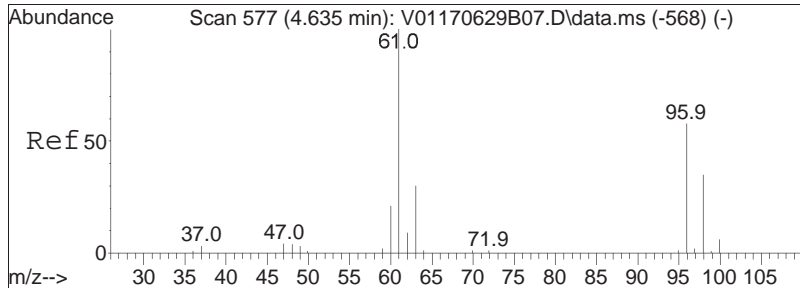




#27
 Vinyl acetate
 Concen: 9.35 ug/L
 RT: 4.346 min Scan# 524
 Delta R.T. -0.000 min
 Lab File: V01170717A02.D
 Acq: 17 Jul 2017 10:08

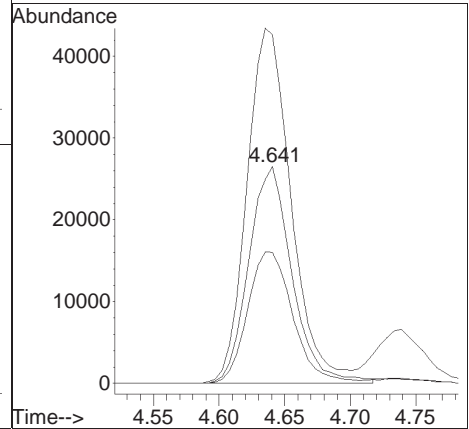
Tgt Ion	Resp	Lower	Upper
43	102125		
86	6.7	6.6	9.8

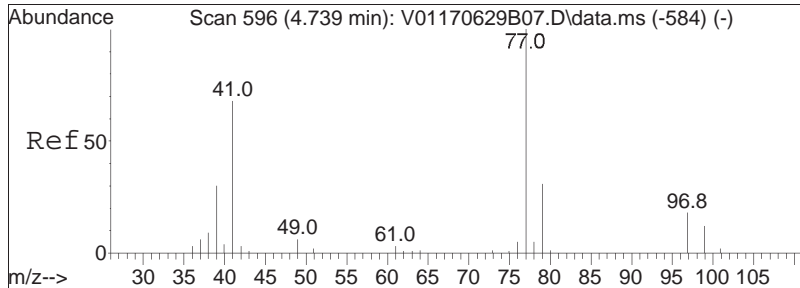




#28
 cis-1,2-Dichloroethene
 Concen: 9.77 ug/L
 RT: 4.641 min Scan# 578
 Delta R.T. 0.006 min
 Lab File: V01170717A02.D
 Acq: 17 Jul 2017 10:08

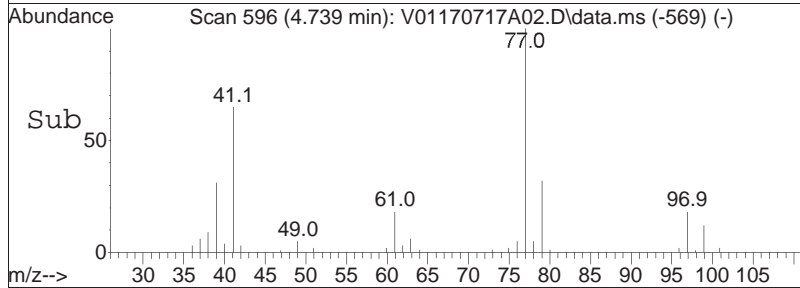
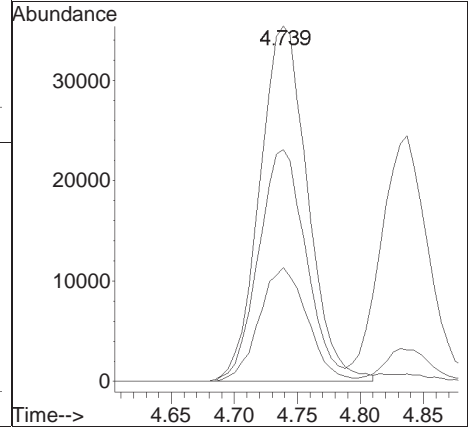
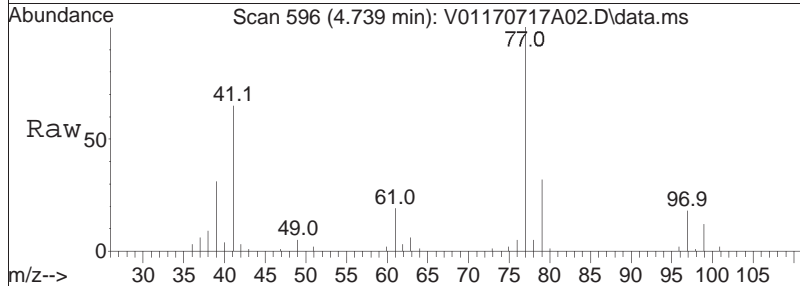
Tgt Ion:	Resp:		
Ion Ratio	Lower	Upper	
96	100		
61	166.5	101.4	152.0#
98	63.2	50.2	75.4

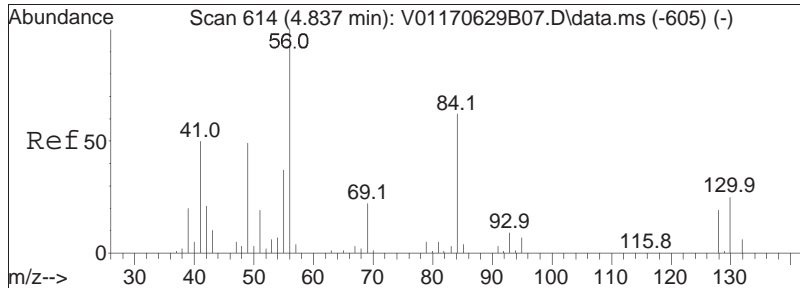




#29
 2,2-Dichloropropane
 Concen: 10.62 ug/L
 RT: 4.739 min Scan# 596
 Delta R.T. -0.000 min
 Lab File: V01170717A02.D
 Acq: 17 Jul 2017 10:08

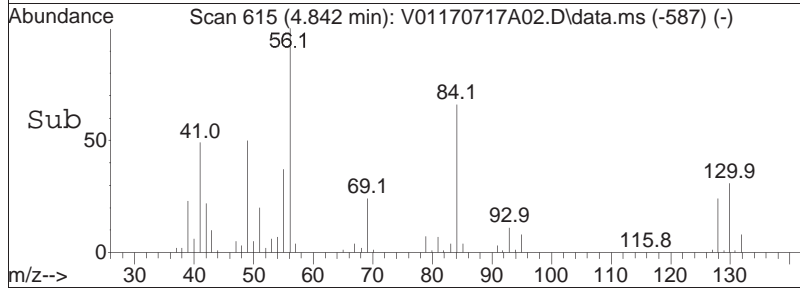
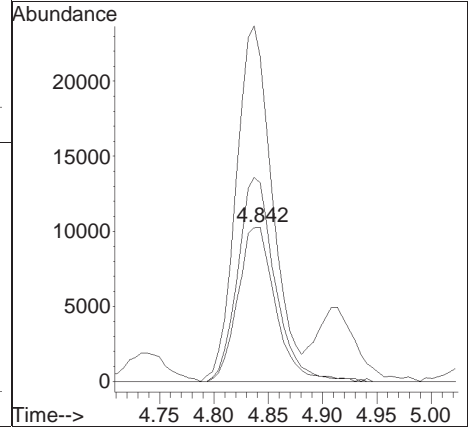
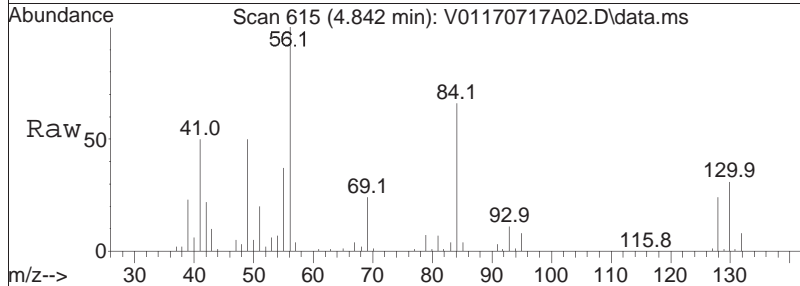
Tgt Ion	Resp	Lower	Upper
77	100		
41	64.7	39.6	82.3
79	32.0	20.8	43.2

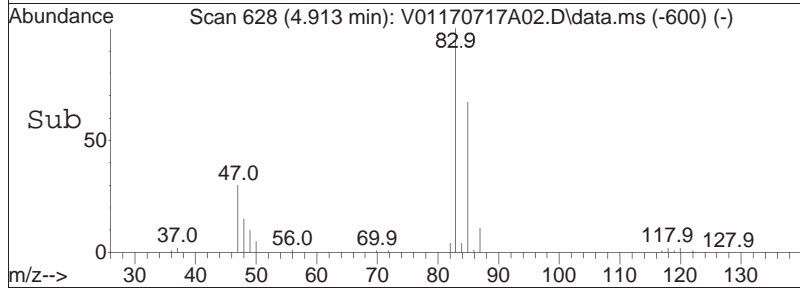
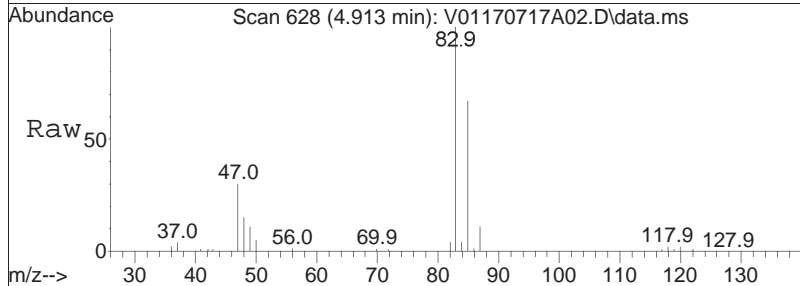
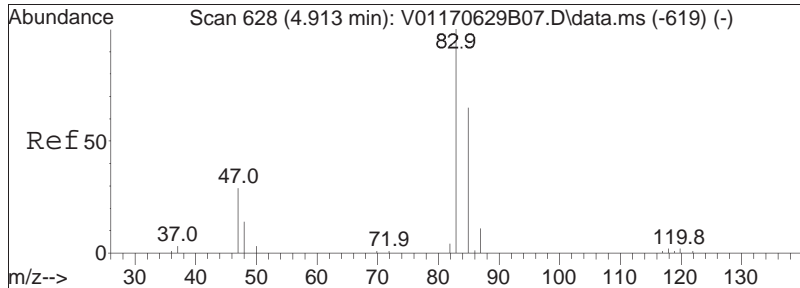




#30
 Bromochloromethane
 Concen: 10.84 ug/L
 RT: 4.842 min Scan# 615
 Delta R.T. 0.005 min
 Lab File: V01170717A02.D
 Acq: 17 Jul 2017 10:08

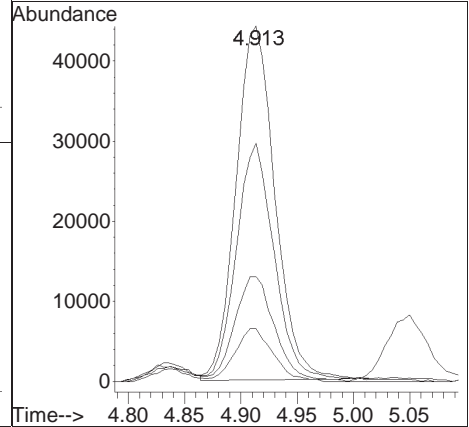
Tgt Ion	Resp	Lower	Upper
128	100		
49	220.9	152.2	228.2
130	130.8	105.8	158.6

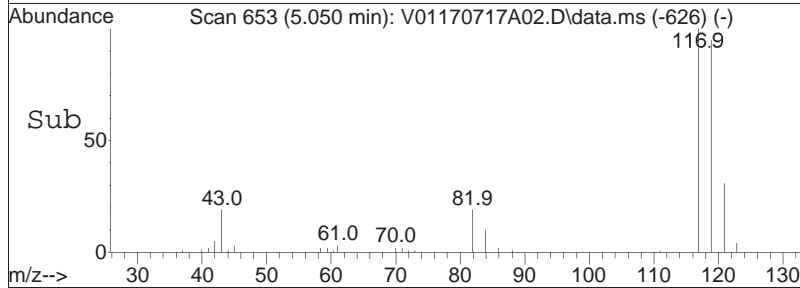
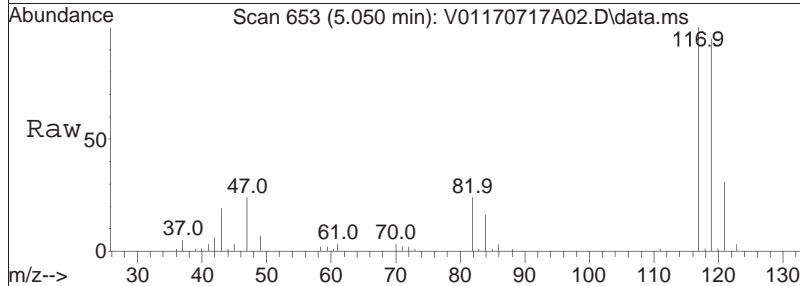
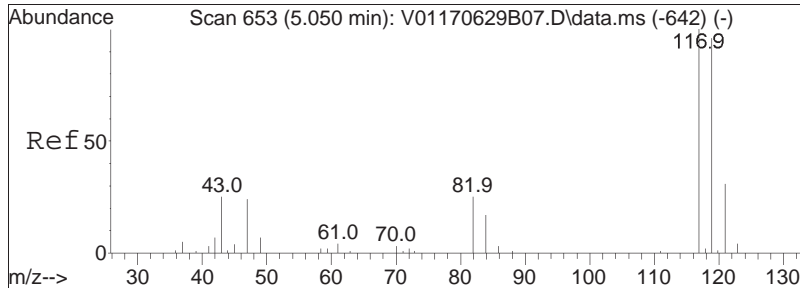




#32
 Chloroform
 Concen: 10.29 ug/L
 RT: 4.913 min Scan# 628
 Delta R.T. 0.000 min
 Lab File: V01170717A02.D
 Acq: 17 Jul 2017 10:08

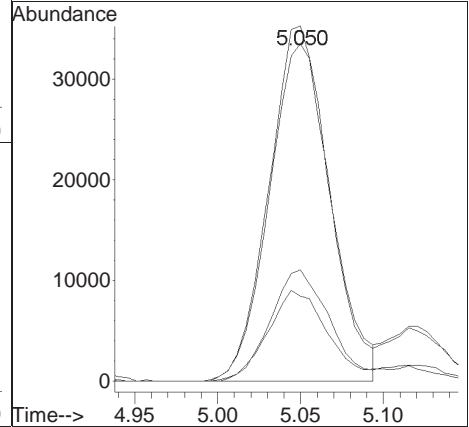
Tgt Ion:	Resp:	Lower	Upper
83	106710		
85	64.8	42.0	87.2
47	30.3	17.6	36.6
48	14.6	9.4	19.4

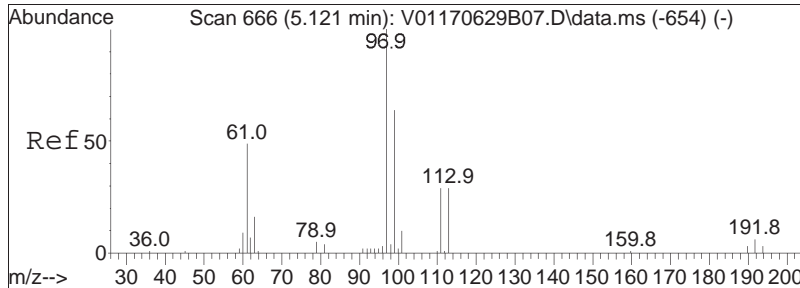




#34
 Carbon tetrachloride
 Concen: 11.30 ug/L
 RT: 5.050 min Scan# 653
 Delta R.T. -0.000 min
 Lab File: V01170717A02.D
 Acq: 17 Jul 2017 10:08

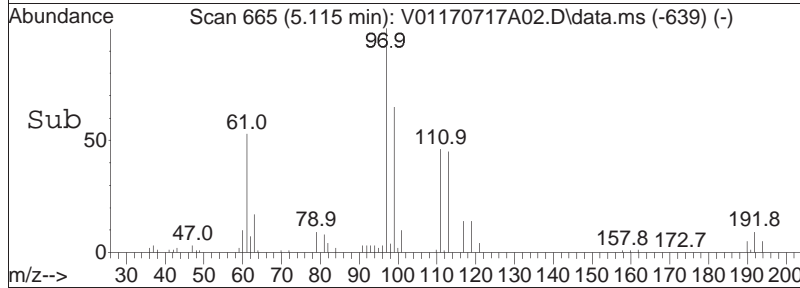
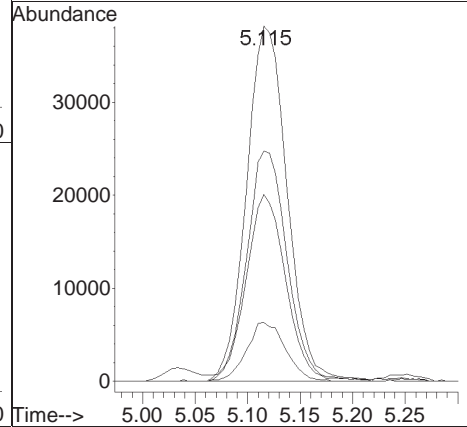
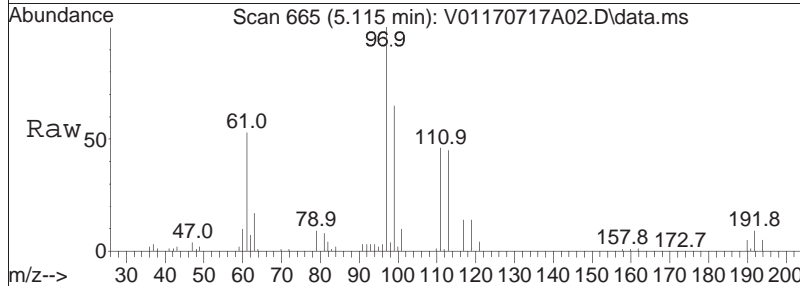
Tgt Ion	Resp	Lower	Upper
117	100		
119	95.5	62.5	129.9
121	30.6	19.9	41.3
82	25.5	18.2	37.8

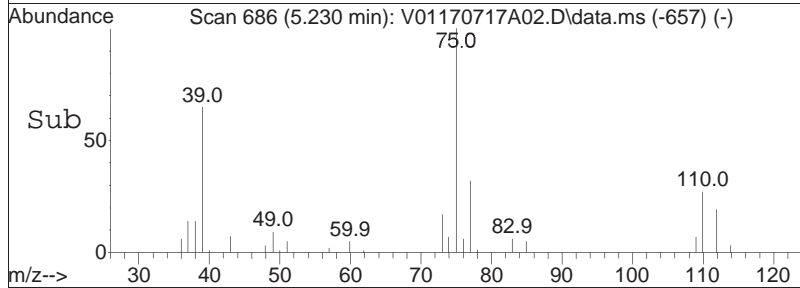
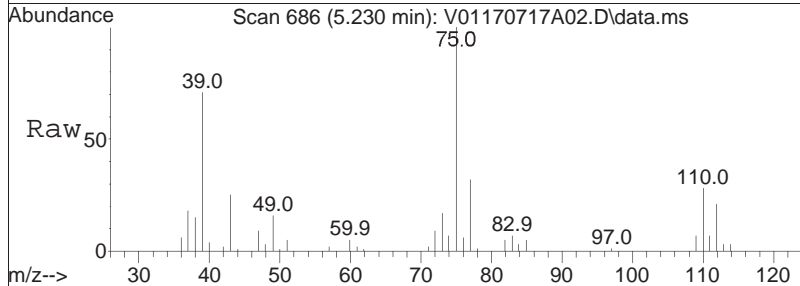
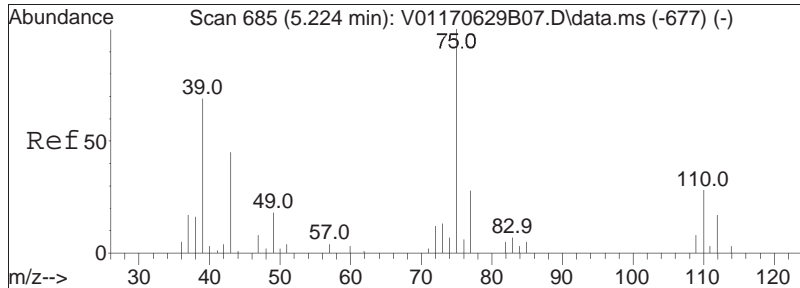




#37
 1,1,1-Trichloroethane
 Concen: 10.99 ug/L
 RT: 5.115 min Scan# 665
 Delta R.T. -0.006 min
 Lab File: V01170717A02.D
 Acq: 17 Jul 2017 10:08

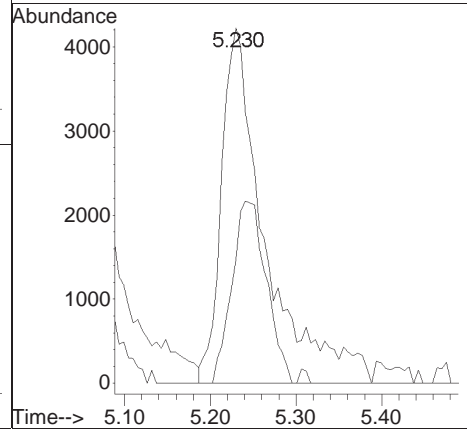
Tgt Ion	Resp	Lower	Upper
97	103373		
97	100		
99	64.4	40.8	84.8
61	49.9	28.0	58.2
63	15.9	9.4	19.4

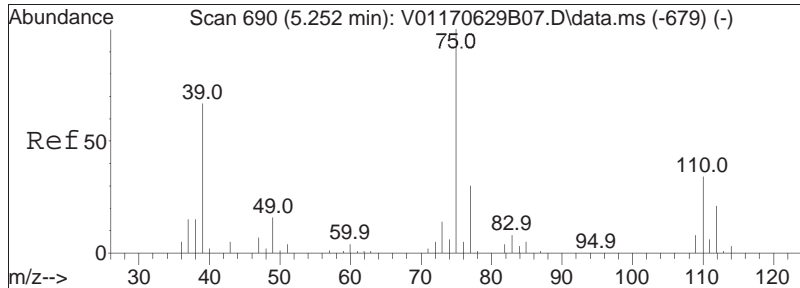




#39
 2-Butanone
 Concen: 9.69 ug/L M1
 RT: 5.230 min Scan# 686
 Delta R.T. 0.006 min
 Lab File: V01170717A02.D
 Acq: 17 Jul 2017 10:08

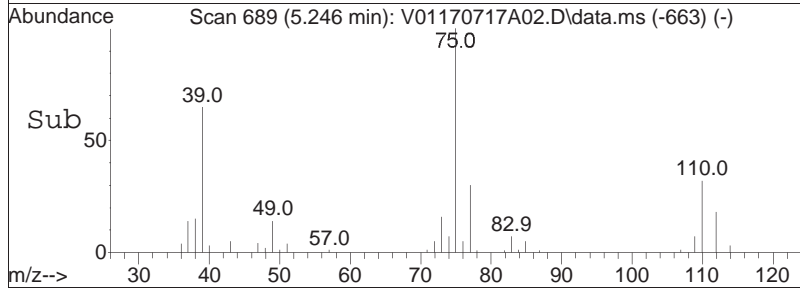
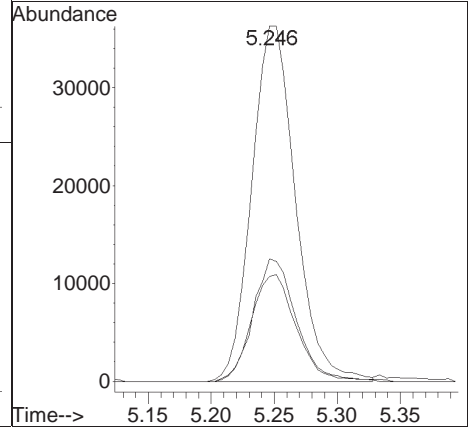
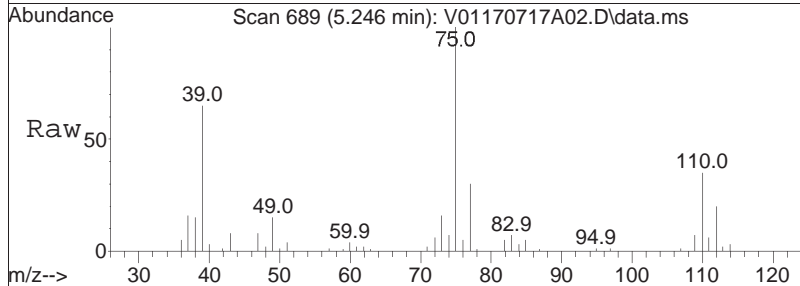
Tgt Ion:	43	Resp:	15007
Ion Ratio	Lower	Upper	
43	100		
72	40.4	39.5	59.3

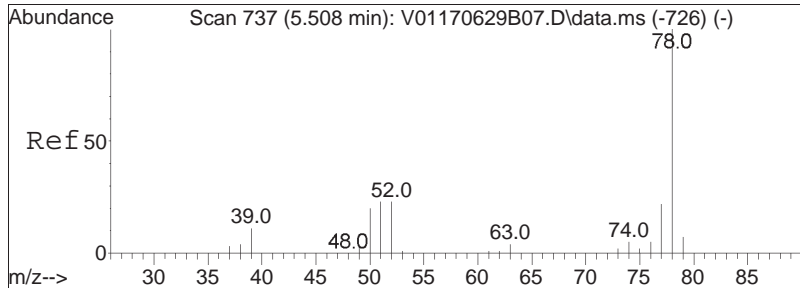




#40
 1,1-Dichloropropene
 Concen: 9.83 ug/L
 RT: 5.246 min Scan# 689
 Delta R.T. -0.006 min
 Lab File: V01170717A02.D
 Acq: 17 Jul 2017 10:08

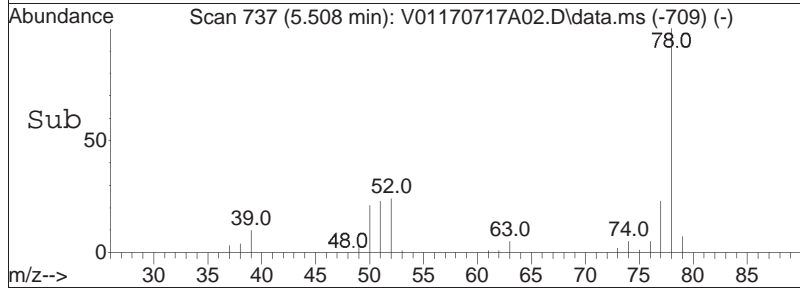
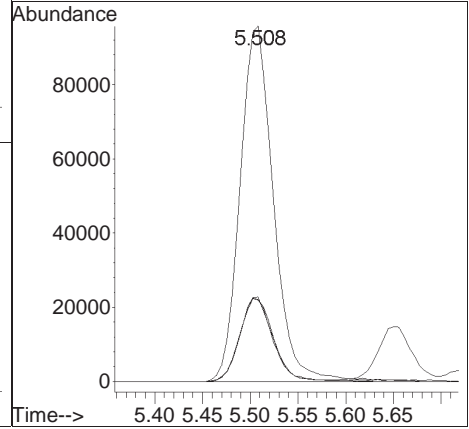
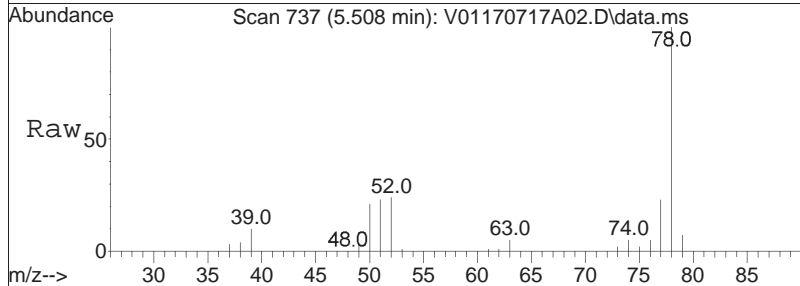
Tgt Ion	Resp	Lower	Upper
75	100		
110	33.9	21.8	45.4
77	30.9	20.0	41.4

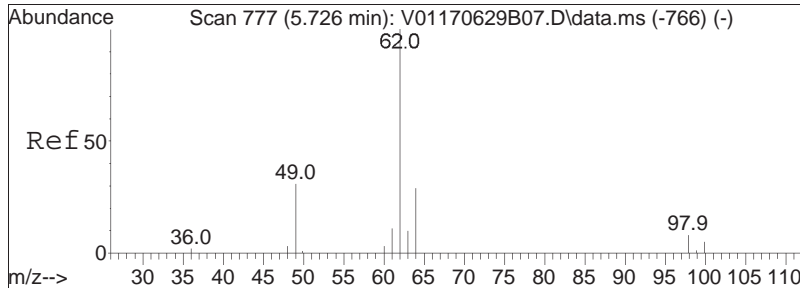




#41
Benzene
Concen: 9.20 ug/L
RT: 5.508 min Scan# 737
Delta R.T. 0.000 min
Lab File: V01170717A02.D
Acq: 17 Jul 2017 10:08

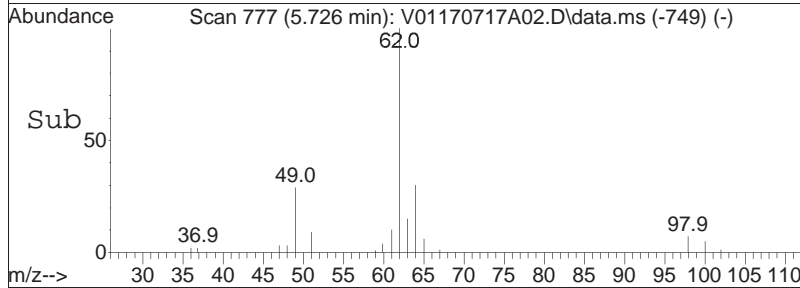
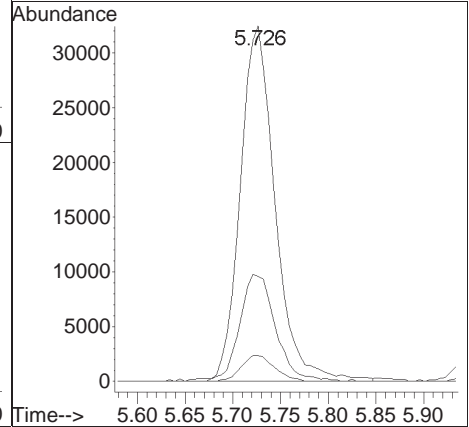
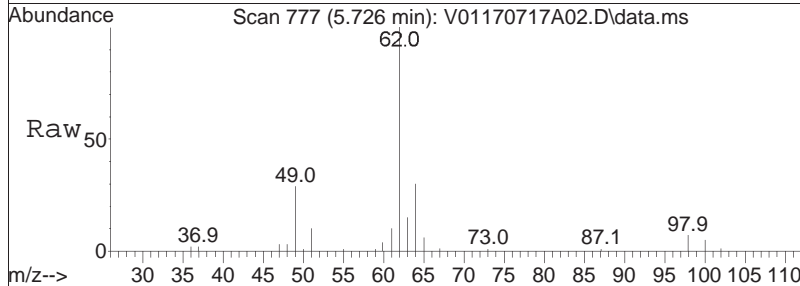
Tgt Ion	Resp	Lower	Upper
78	100		
77	23.8	15.3	31.9
51	23.2	10.9	22.5#
52	23.3	10.1	20.9#

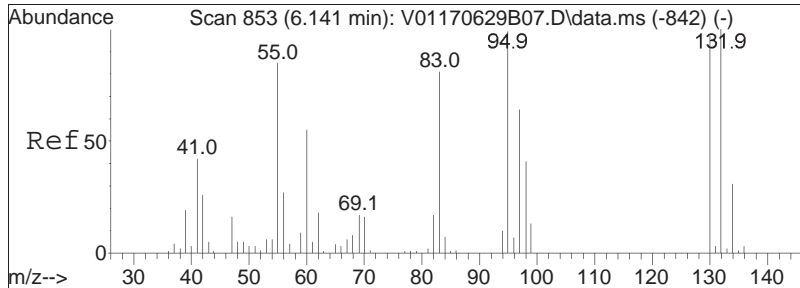




#44
 1,2-Dichloroethane
 Concen: 11.28 ug/L
 RT: 5.726 min Scan# 777
 Delta R.T. 0.000 min
 Lab File: V01170717A02.D
 Acq: 17 Jul 2017 10:08

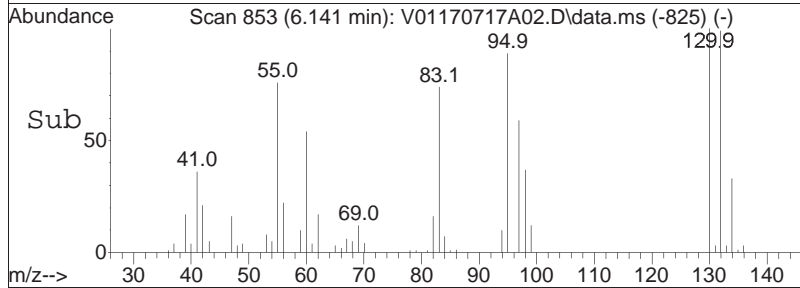
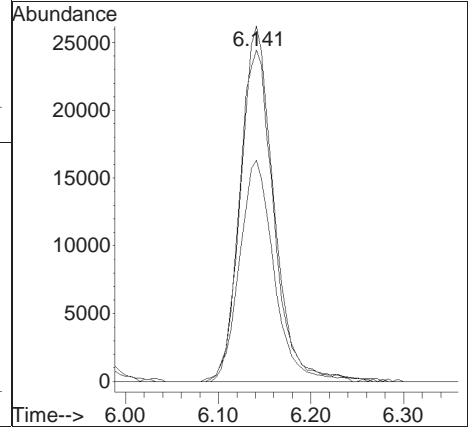
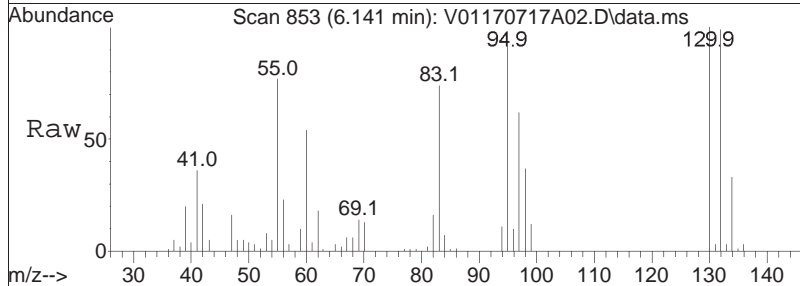
Tgt Ion	Resp	Lower	Upper
62	100		
64	31.3	13.7	53.7
98	7.0	0.0	29.0

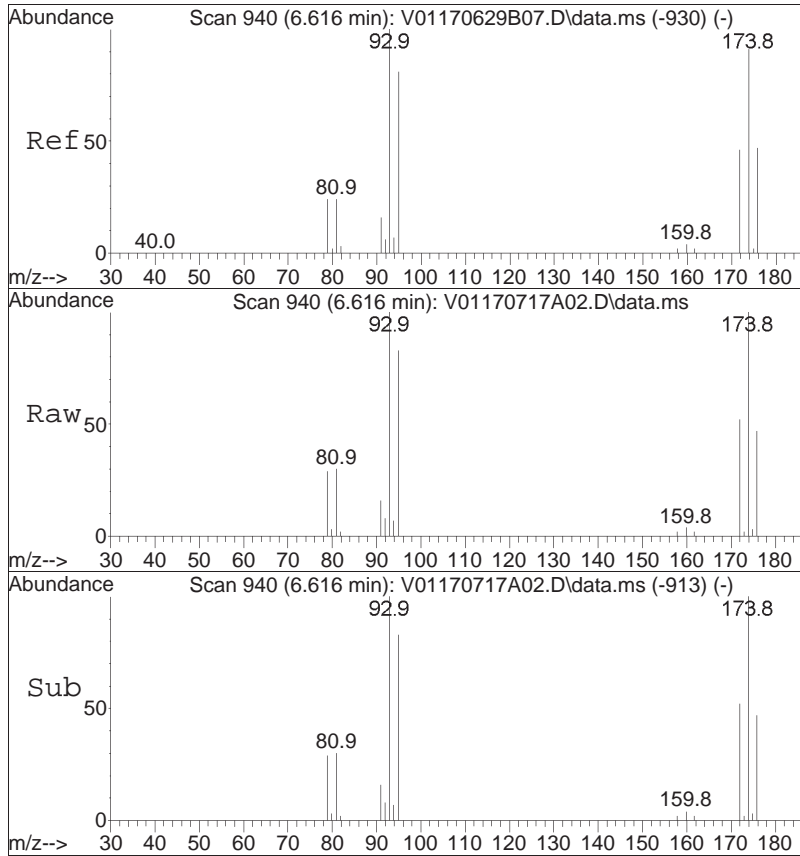




#48
 Trichloroethene
 Concen: 9.86 ug/L
 RT: 6.141 min Scan# 853
 Delta R.T. 0.000 min
 Lab File: V01170717A02.D
 Acq: 17 Jul 2017 10:08

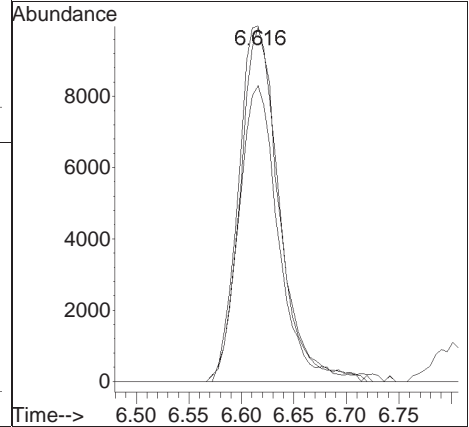
Tgt Ion	Resp	Lower	Upper
95	62934		
95	100		
97	67.1	55.1	82.7
130	103.5	71.9	107.9

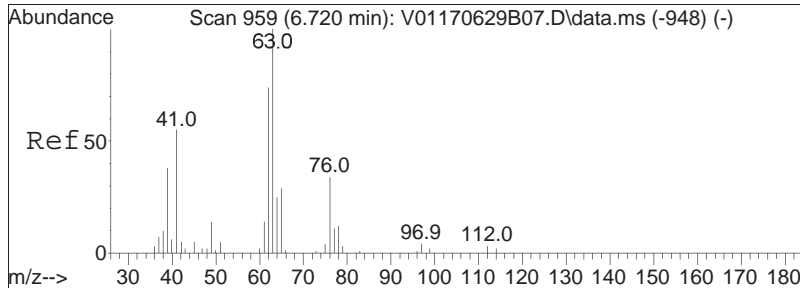




#50
 Dibromomethane
 Concen: 10.57 ug/L
 RT: 6.616 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: V01170717A02.D
 Acq: 17 Jul 2017 10:08

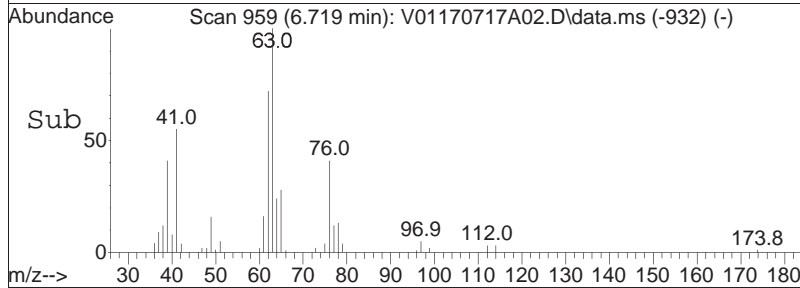
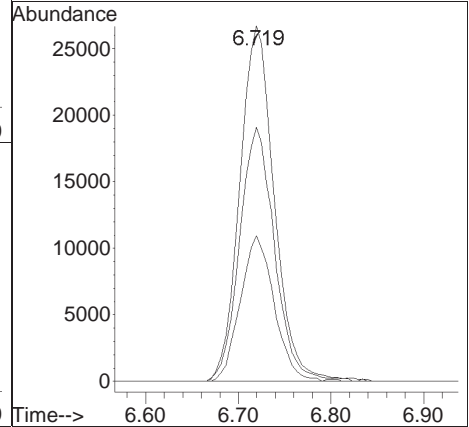
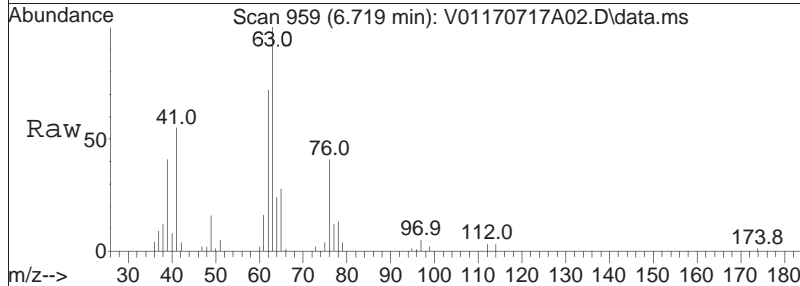
Tgt Ion	Resp	Lower	Upper
93	26718		
93	100		
95	81.2	65.9	98.9
174	96.7	68.5	102.7

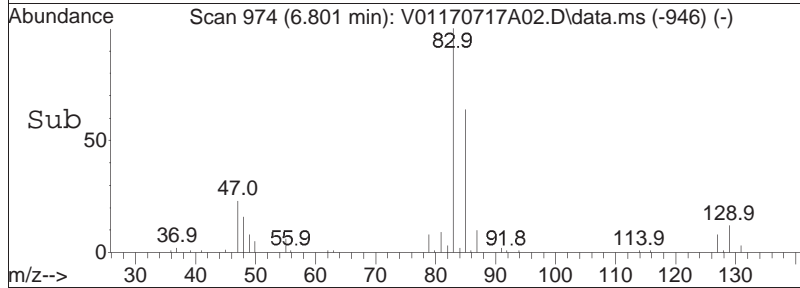
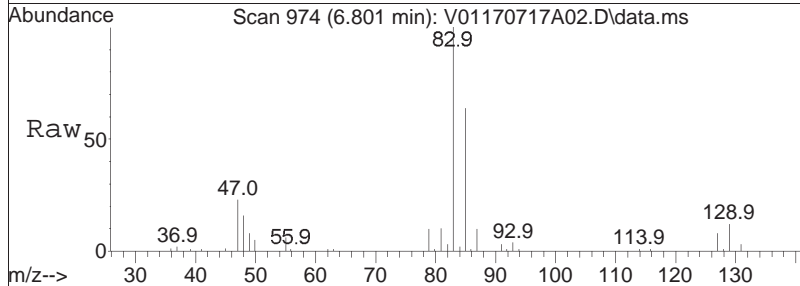
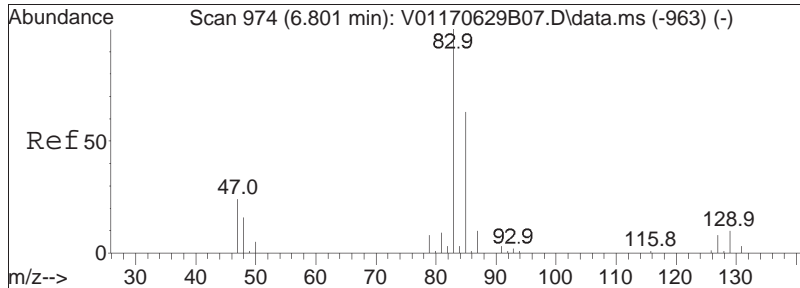




#51
 1,2-Dichloropropane
 Concen: 9.12 ug/L
 RT: 6.719 min Scan# 959
 Delta R.T. -0.001 min
 Lab File: V01170717A02.D
 Acq: 17 Jul 2017 10:08

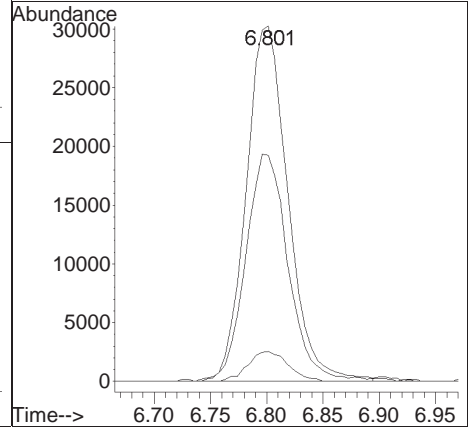
Tgt Ion:	Resp:		
Ion	Ratio	Lower	Upper
63	100		
62	72.3	57.1	85.7
76	40.1	35.3	52.9

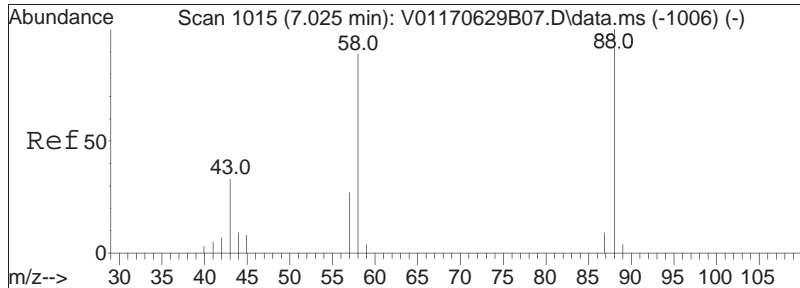




#54
 Bromodichloromethane
 Concen: 10.59 ug/L
 RT: 6.801 min Scan# 974
 Delta R.T. 0.000 min
 Lab File: V01170717A02.D
 Acq: 17 Jul 2017 10:08

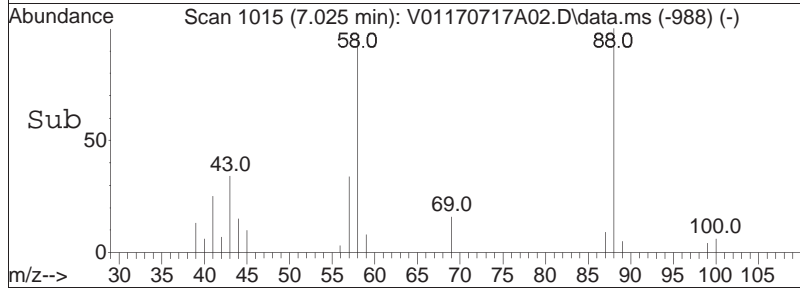
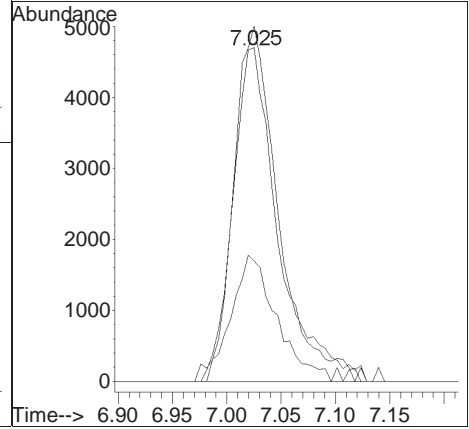
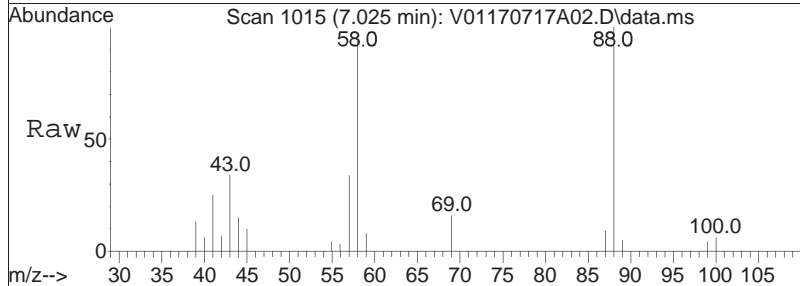
Tgt Ion:	Resp:		
Ion Ratio	Lower	Upper	
83	100		
85	65.0	50.7	76.1
127	8.1	6.3	9.5

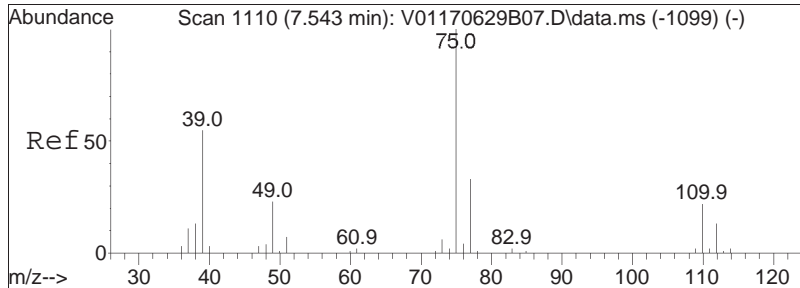




#57
 1,4-Dioxane
 Concen: 596.12 ug/L
 RT: 7.025 min Scan# 1015
 Delta R.T. 0.000 min
 Lab File: V01170717A02.D
 Acq: 17 Jul 2017 10:08

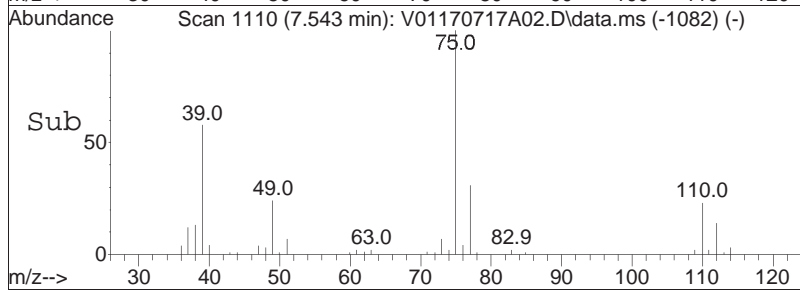
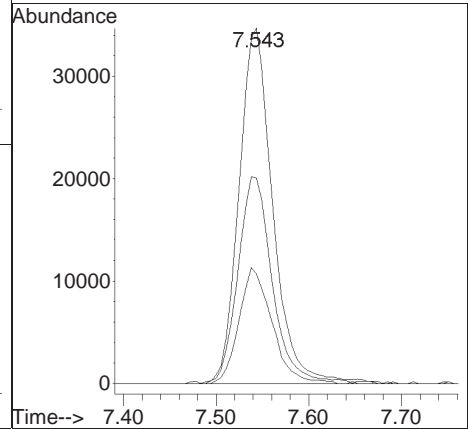
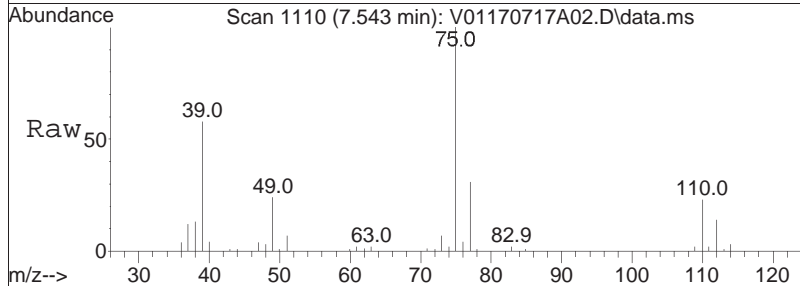
Tgt Ion	Resp	Lower	Upper
88	14476		
58	93.1	53.5	80.3#
43	36.3	28.6	42.8

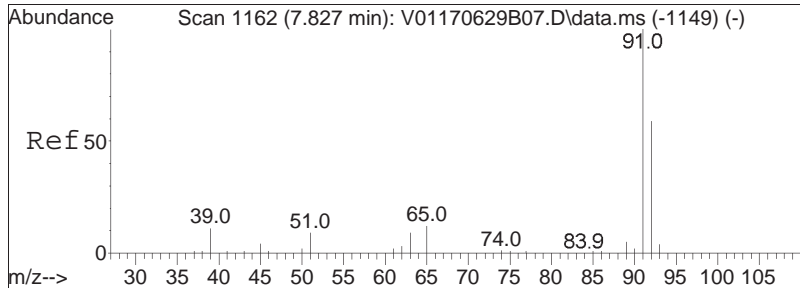




#58
 cis-1,3-Dichloropropene
 Concen: 10.07 ug/L
 RT: 7.543 min Scan# 1110
 Delta R.T. 0.000 min
 Lab File: V01170717A02.D
 Acq: 17 Jul 2017 10:08

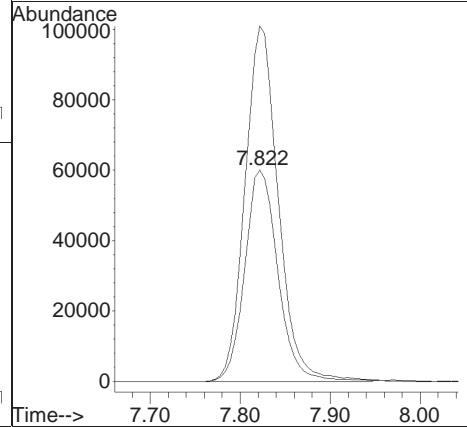
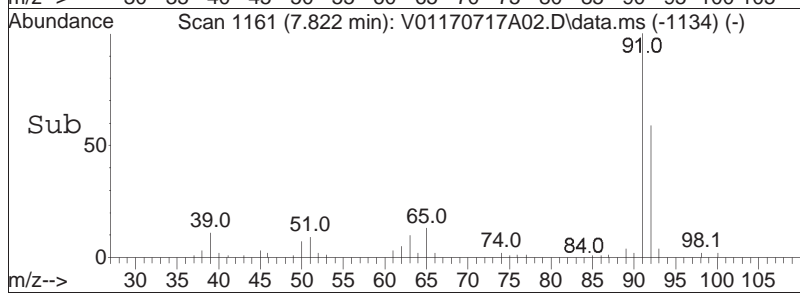
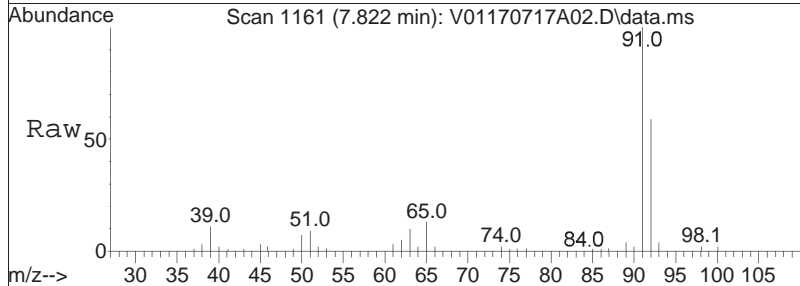
Tgt Ion	Resp	Lower	Upper
75	100		
77	31.8	25.4	38.2
39	59.3	42.1	63.1

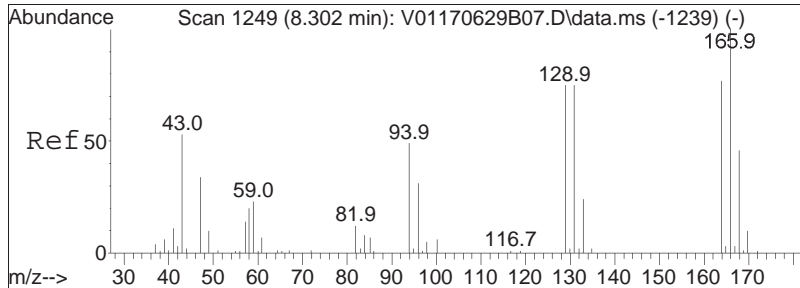




#61
 Toluene
 Concen: 9.04 ug/L
 RT: 7.822 min Scan# 1161
 Delta R.T. -0.005 min
 Lab File: V01170717A02.D
 Acq: 17 Jul 2017 10:08

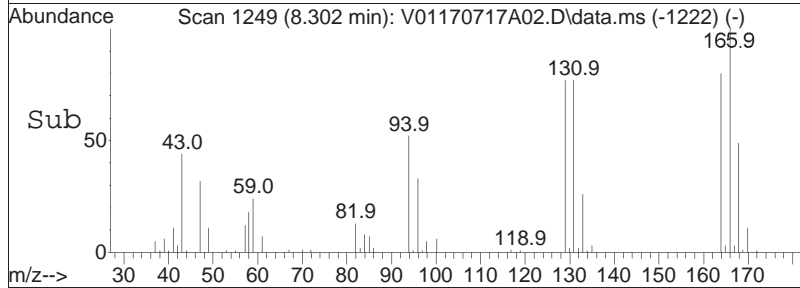
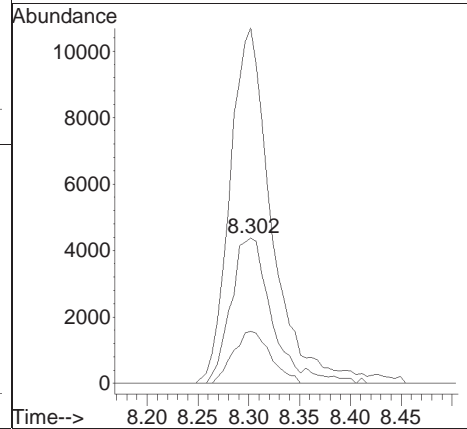
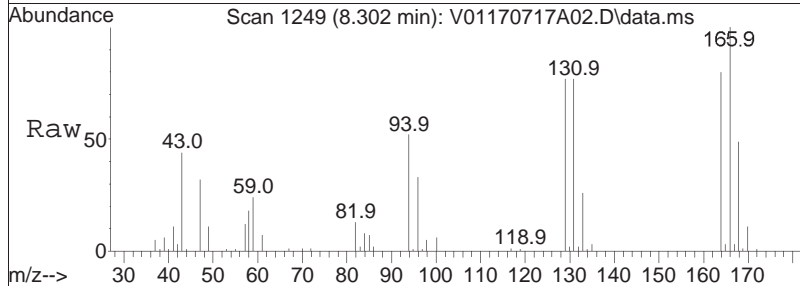
Tgt Ion:	92	Resp:	154018
Ion Ratio	Lower	Upper	
92	100		
91	168.3	138.6	207.8

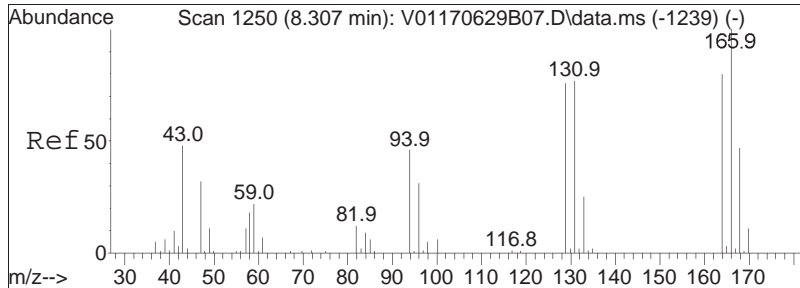




#62
 4-Methyl-2-pentanone
 Concen: 8.30 ug/L
 RT: 8.302 min Scan# 1249
 Delta R.T. -0.000 min
 Lab File: V01170717A02.D
 Acq: 17 Jul 2017 10:08

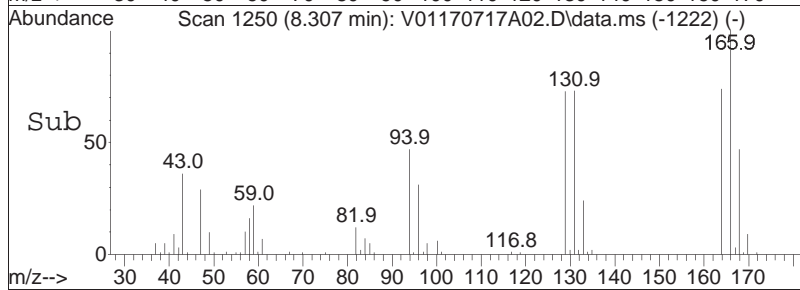
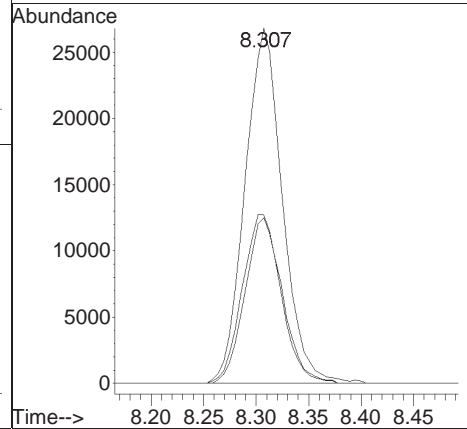
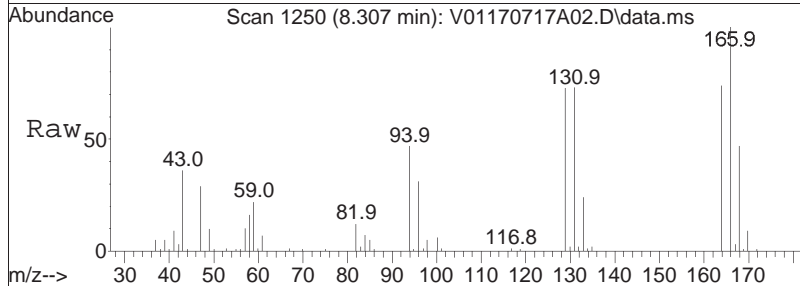
Tgt Ion:	Resp:		
Ion Ratio	Lower	Upper	
58	100		
100	32.6	31.1	46.7
43	248.3	217.6	326.4

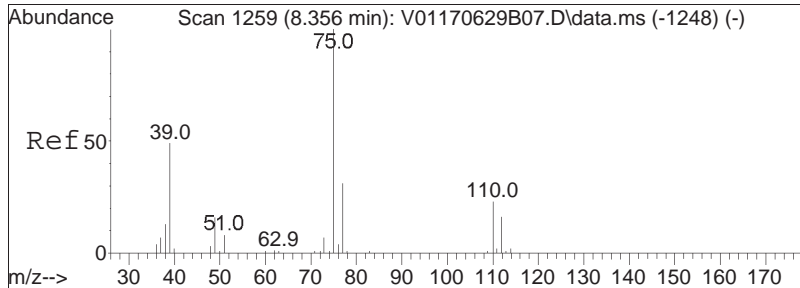




#63
 Tetrachloroethene
 Concen: 10.12 ug/L
 RT: 8.307 min Scan# 1250
 Delta R.T. 0.000 min
 Lab File: V01170717A02.D
 Acq: 17 Jul 2017 10:08

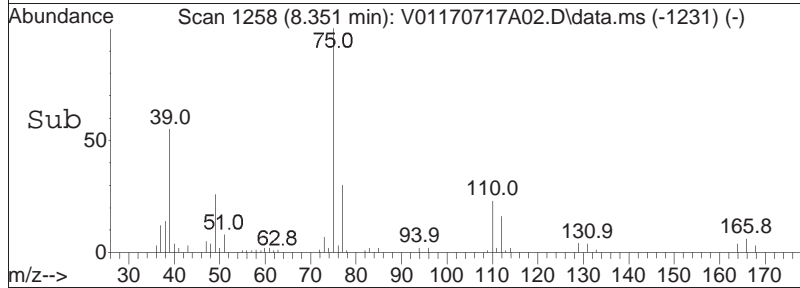
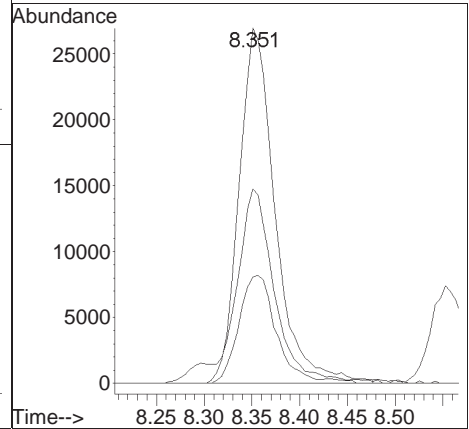
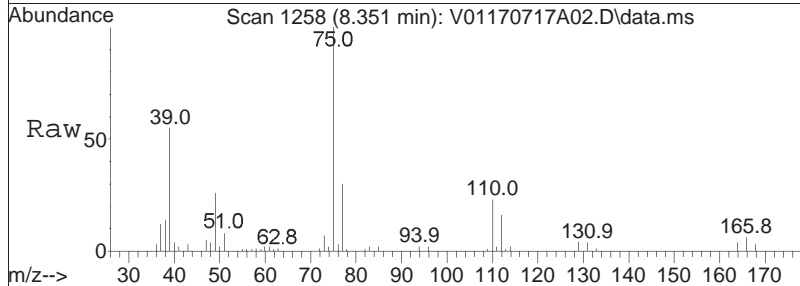
Tgt Ion	Resp	Lower	Upper
166	100		
168	46.4	26.8	66.8
94	48.9	33.1	73.1

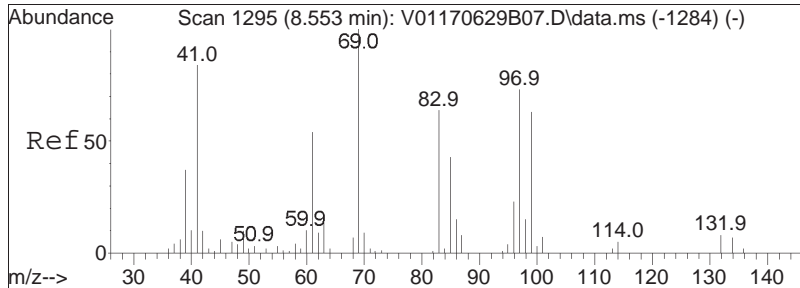




#65
 trans-1,3-Dichloropropene
 Concen: 8.92 ug/L
 RT: 8.351 min Scan# 1258
 Delta R.T. -0.005 min
 Lab File: V01170717A02.D
 Acq: 17 Jul 2017 10:08

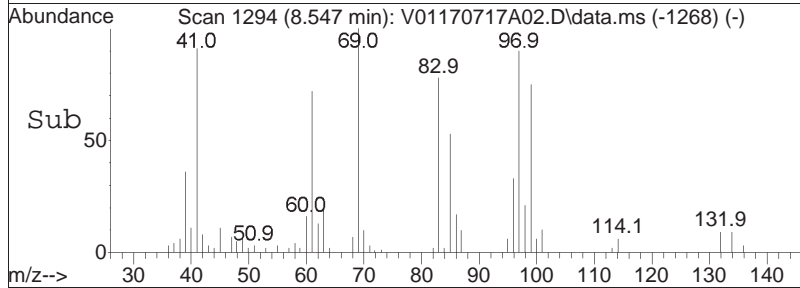
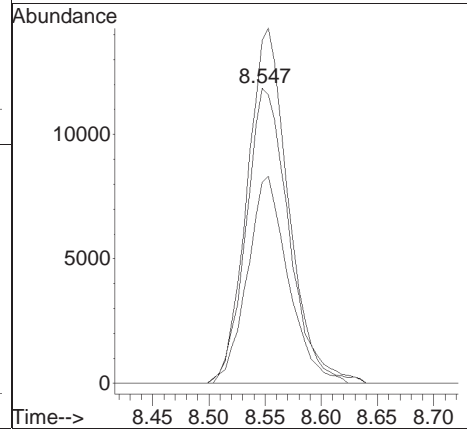
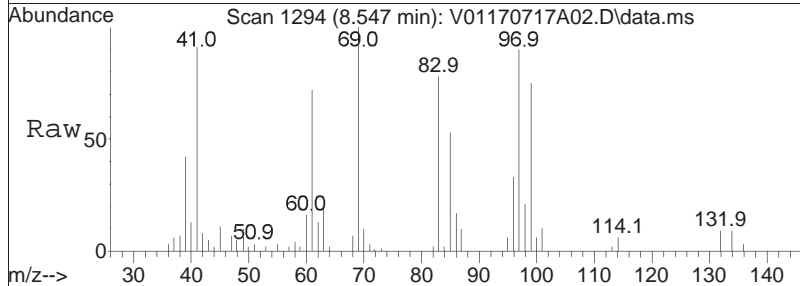
Tgt Ion:	75	Resp:	71174
Ion Ratio	100	Lower	Upper
77	31.1	11.8	51.8
39	54.1	34.7	74.7

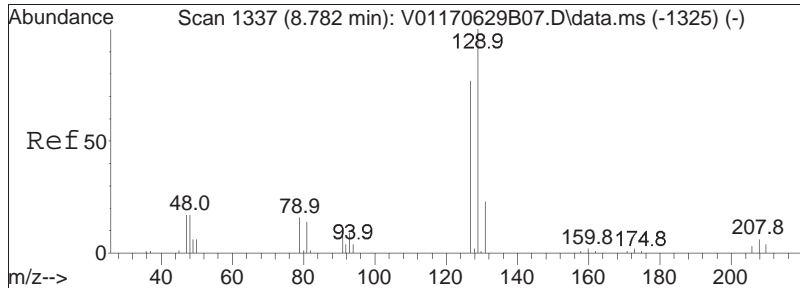




#68
 1,1,2-Trichloroethane
 Concen: 9.08 ug/L
 RT: 8.547 min Scan# 1294
 Delta R.T. -0.006 min
 Lab File: V01170717A02.D
 Acq: 17 Jul 2017 10:08

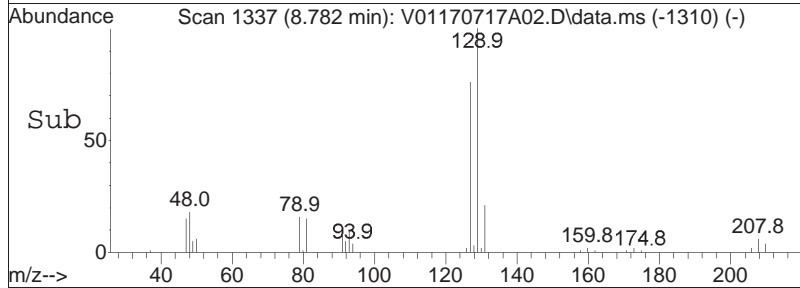
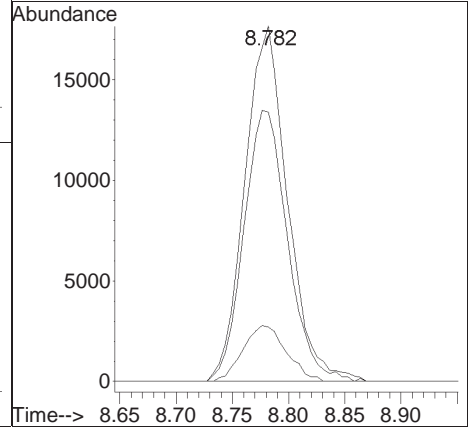
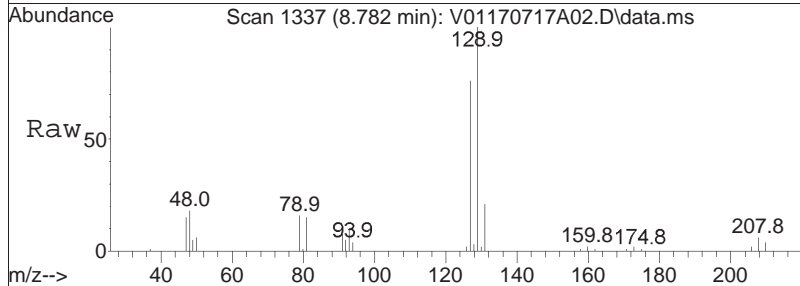
Tgt Ion	Resp	Lower	Upper
83	31247		
83	100		
97	117.1	99.6	139.6
85	67.2	46.7	86.7

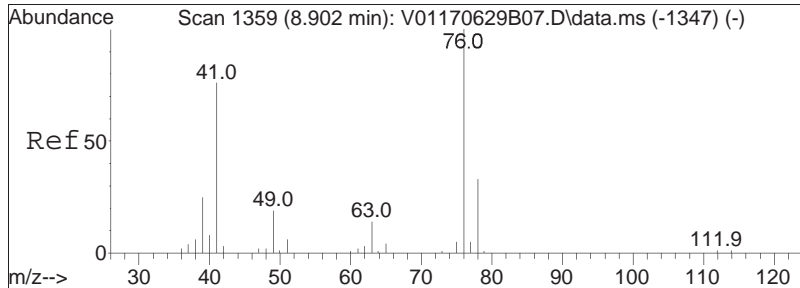




#69
 Chlorodibromomethane
 Concen: 10.32 ug/L
 RT: 8.782 min Scan# 1337
 Delta R.T. -0.000 min
 Lab File: V01170717A02.D
 Acq: 17 Jul 2017 10:08

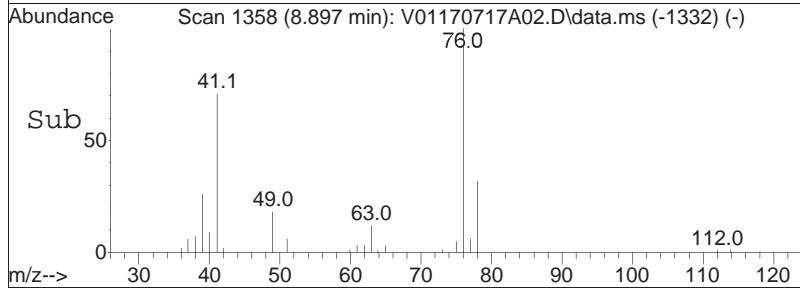
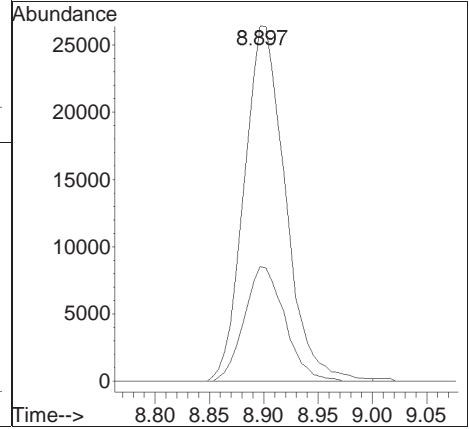
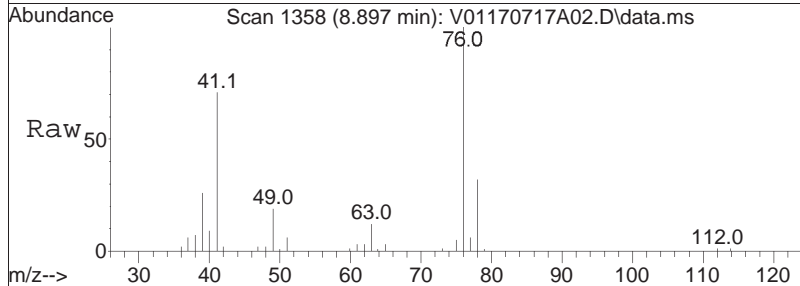
Tgt Ion	Ratio	Resp	Lower	Upper
129	100	46639		
81	15.9		0.7	40.7
127	78.1		59.8	99.8

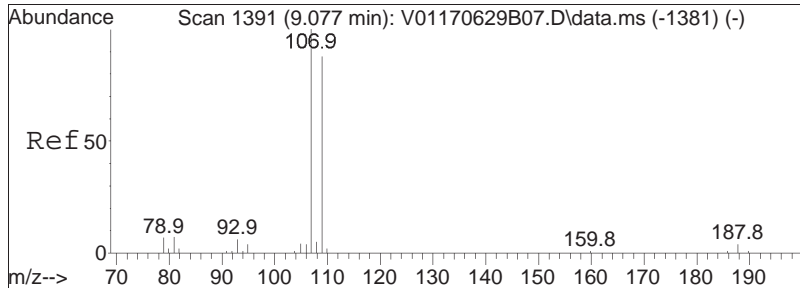




#70
 1,3-Dichloropropane
 Concen: 9.21 ug/L
 RT: 8.897 min Scan# 1358
 Delta R.T. -0.005 min
 Lab File: V01170717A02.D
 Acq: 17 Jul 2017 10:08

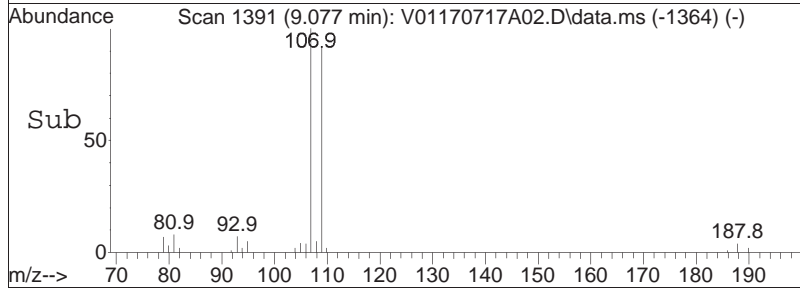
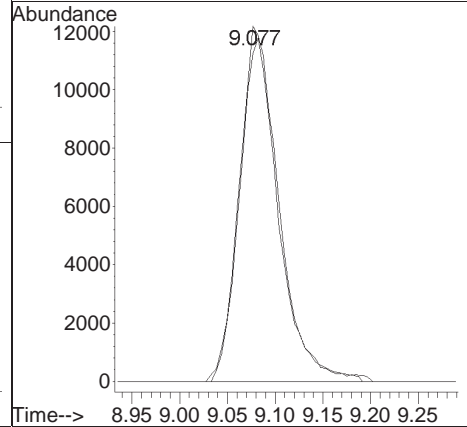
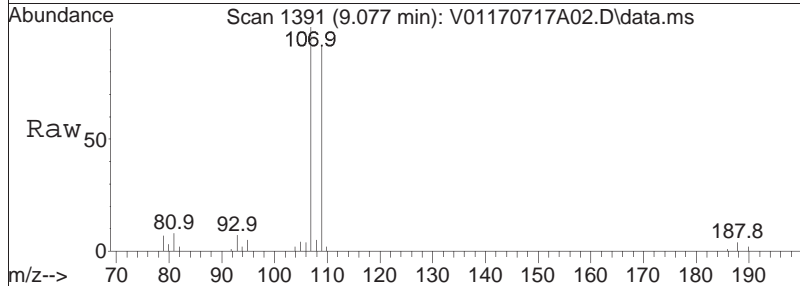
Tgt Ion	Resp	Lower	Upper
76	100		
78	31.8	25.6	38.4

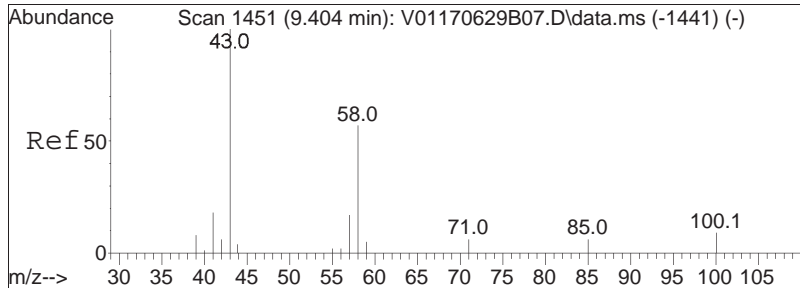




#71
 1,2-Dibromoethane
 Concen: 9.94 ug/L
 RT: 9.077 min Scan# 1391
 Delta R.T. -0.000 min
 Lab File: V01170717A02.D
 Acq: 17 Jul 2017 10:08

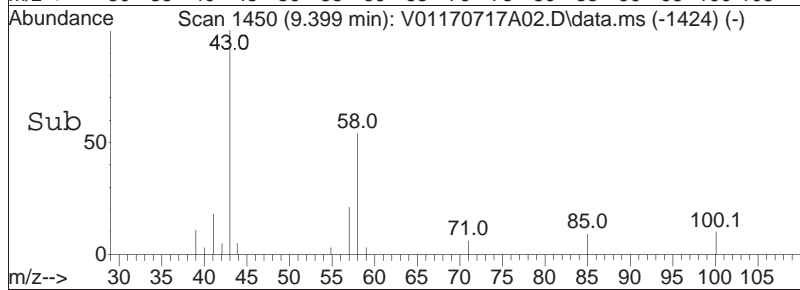
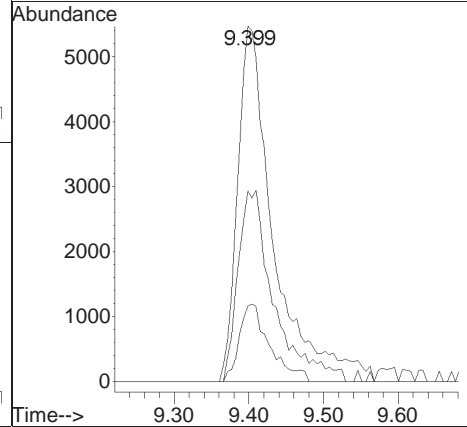
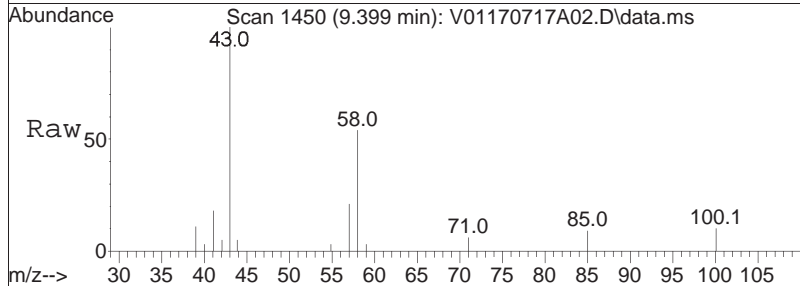
Tgt Ion	Resp	Lower	Upper
107	35162		
109	94.5	74.3	111.5

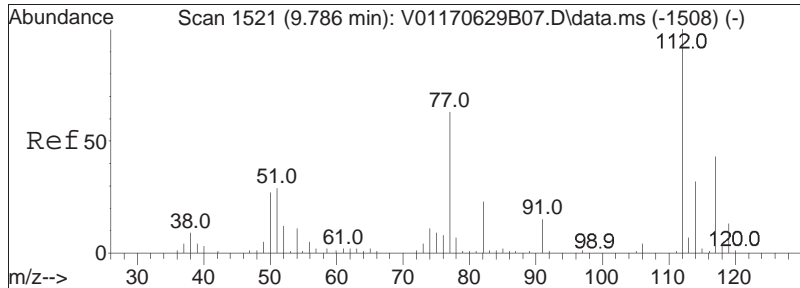




#72
 2-Hexanone
 Concen: 7.98 ug/L M1
 RT: 9.399 min Scan# 1450
 Delta R.T. -0.005 min
 Lab File: V01170717A02.D
 Acq: 17 Jul 2017 10:08

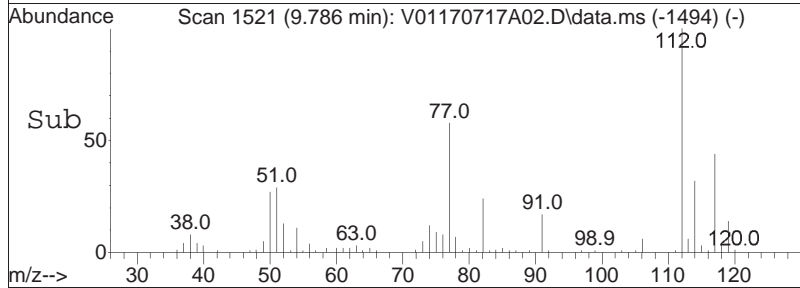
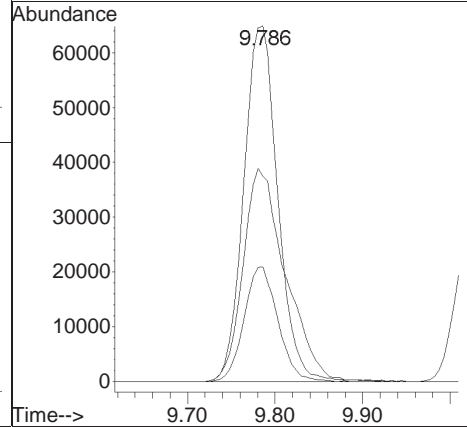
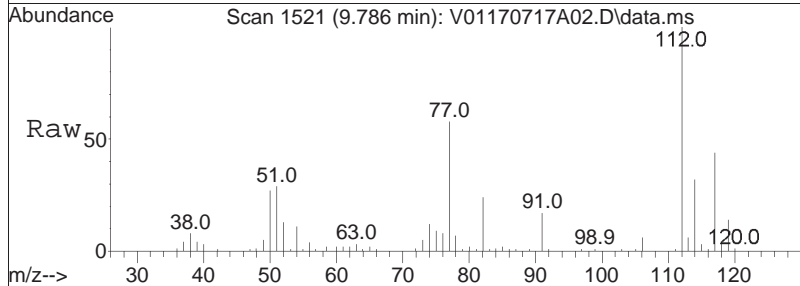
Tgt Ion:	43	Resp:	18348
Ion Ratio	Lower	Upper	
43	100		
58	53.3	38.9	58.3
57	18.4	14.5	21.7

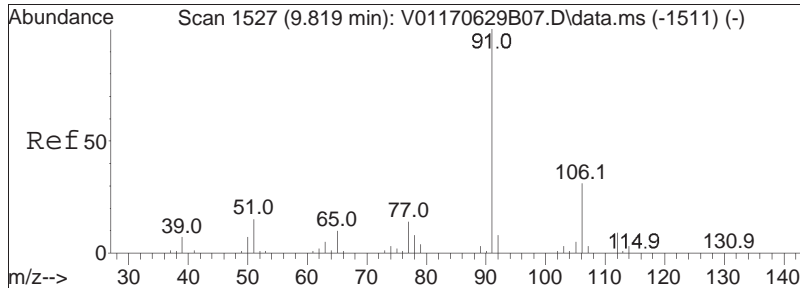




#73
 Chlorobenzene
 Concen: 9.36 ug/L
 RT: 9.786 min Scan# 1521
 Delta R.T. -0.000 min
 Lab File: V01170717A02.D
 Acq: 17 Jul 2017 10:08

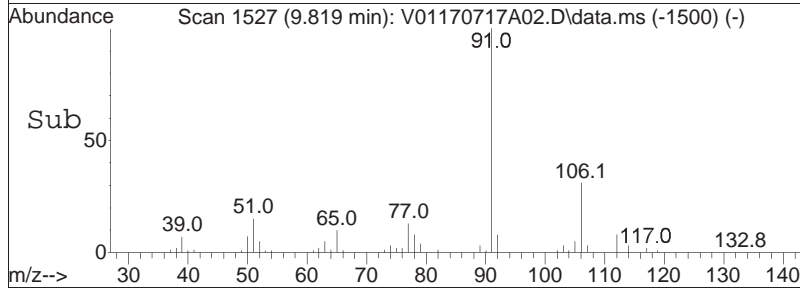
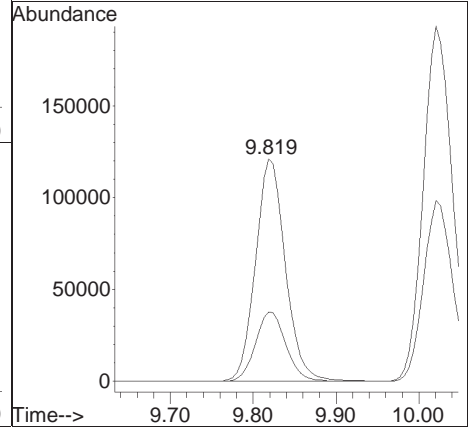
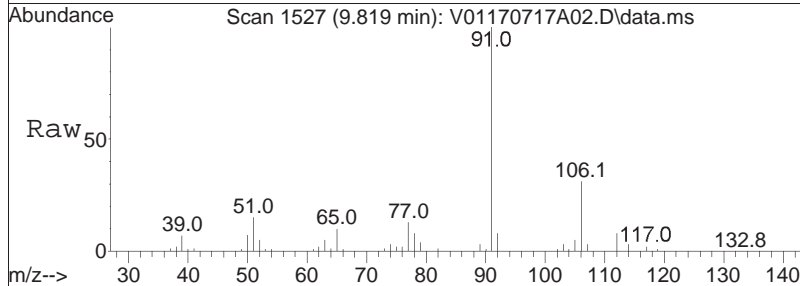
Tgt Ion	Ratio	Lower	Upper
112	100		
77	74.5	62.7	94.1
114	31.8	25.6	38.4

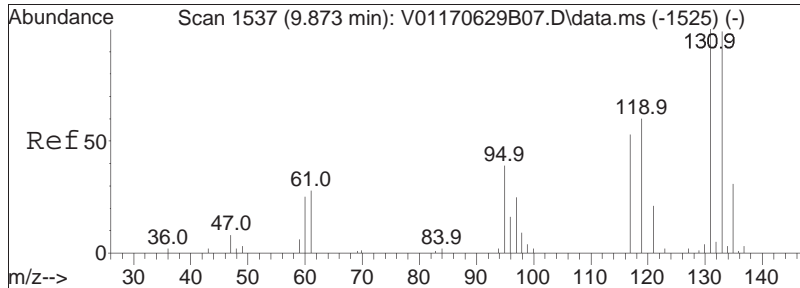




#74
 Ethylbenzene
 Concen: 9.04 ug/L
 RT: 9.819 min Scan# 1527
 Delta R.T. -0.000 min
 Lab File: V01170717A02.D
 Acq: 17 Jul 2017 10:08

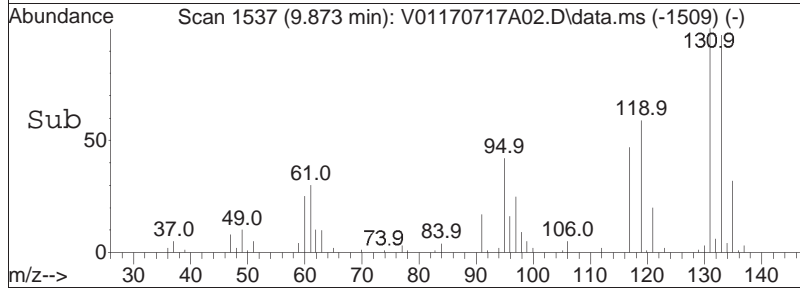
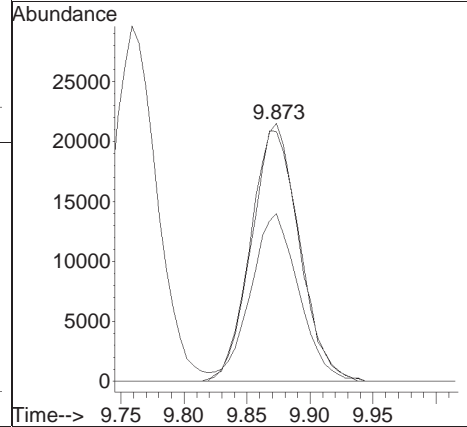
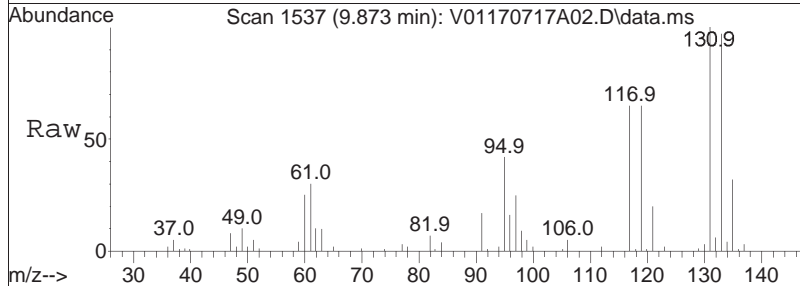
Tgt Ion: 91 Resp: 304020
 Ion Ratio Lower Upper
 91 100
 106 31.7 23.5 35.3

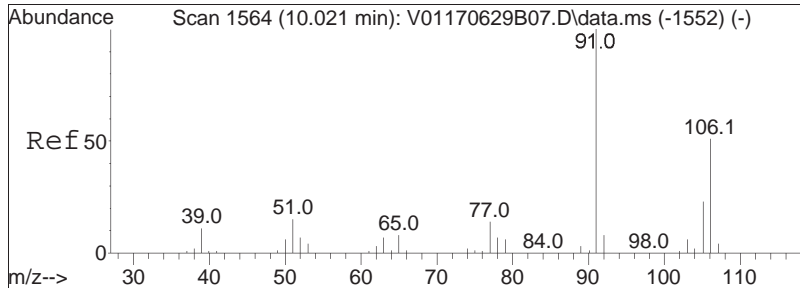




#75
 1,1,1,2-Tetrachloroethane
 Concen: 9.98 ug/L
 RT: 9.873 min Scan# 1537
 Delta R.T. 0.000 min
 Lab File: V01170717A02.D
 Acq: 17 Jul 2017 10:08

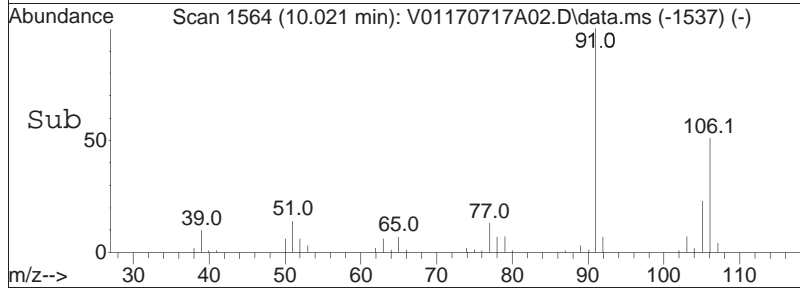
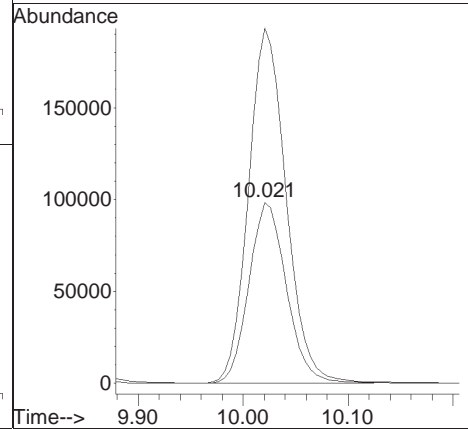
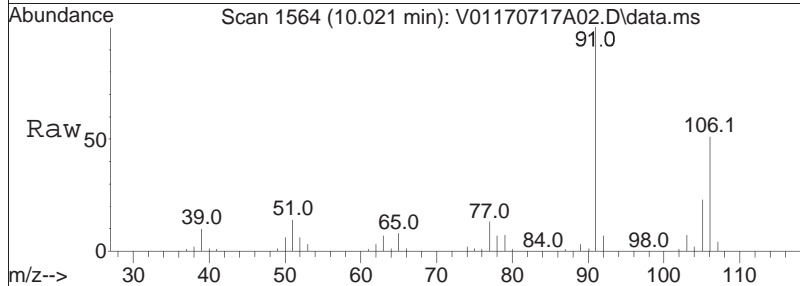
Tgt Ion	Resp	Lower	Upper
131	57667		
131	100		
133	97.3	77.6	117.6
119	64.6	47.4	87.4

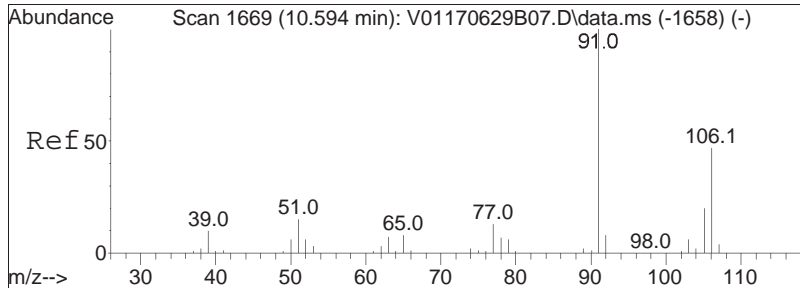




#76
 p/m Xylene
 Concen: 18.83 ug/L
 RT: 10.021 min Scan# 1564
 Delta R.T. -0.000 min
 Lab File: V01170717A02.D
 Acq: 17 Jul 2017 10:08

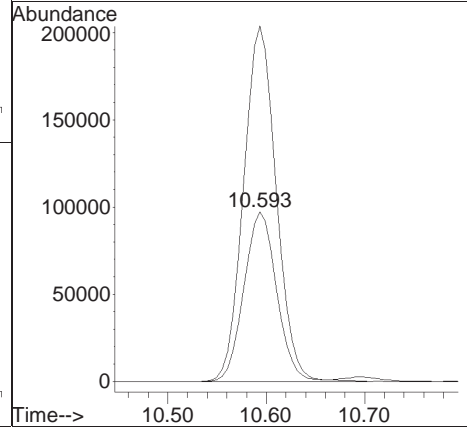
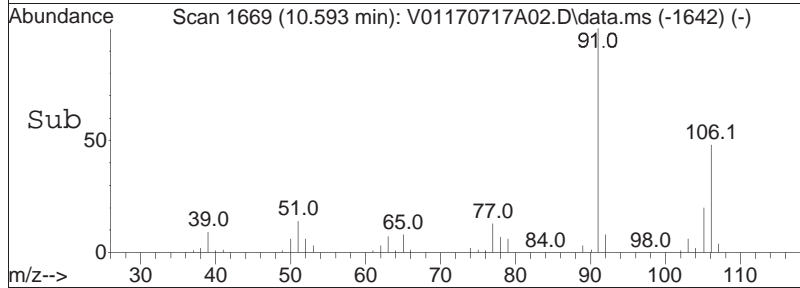
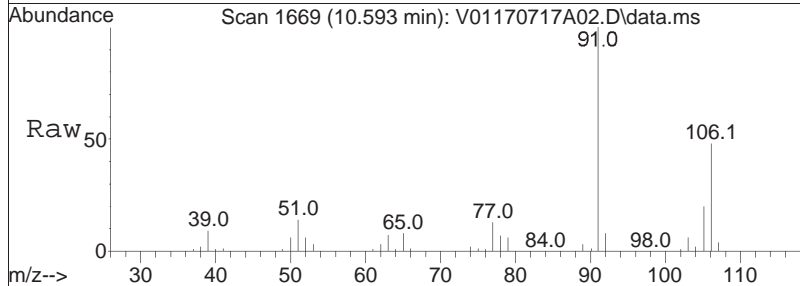
Tgt Ion	Resp	Lower	Upper
106	100		
91	196.9	174.8	262.2

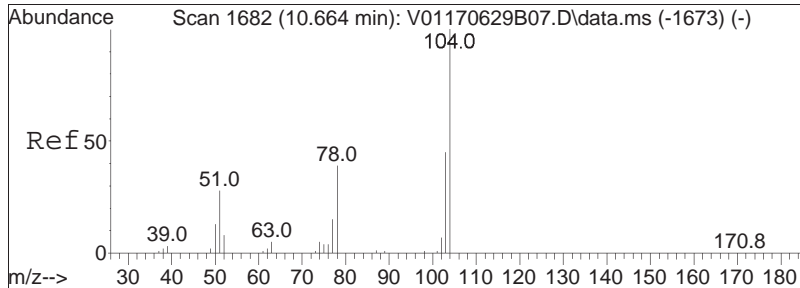




#77
 o Xylene
 Concen: 18.83 ug/L
 RT: 10.593 min Scan# 1669
 Delta R.T. -0.001 min
 Lab File: V01170717A02.D
 Acq: 17 Jul 2017 10:08

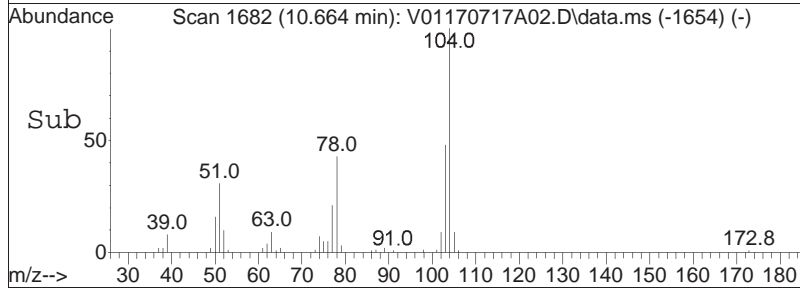
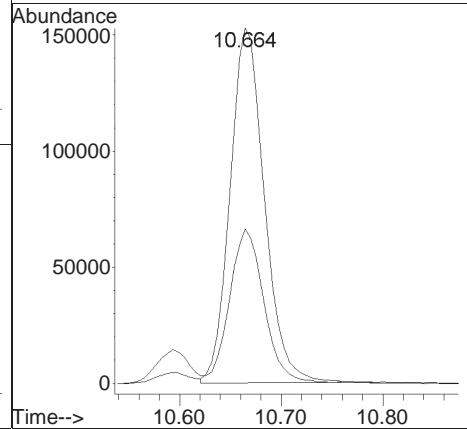
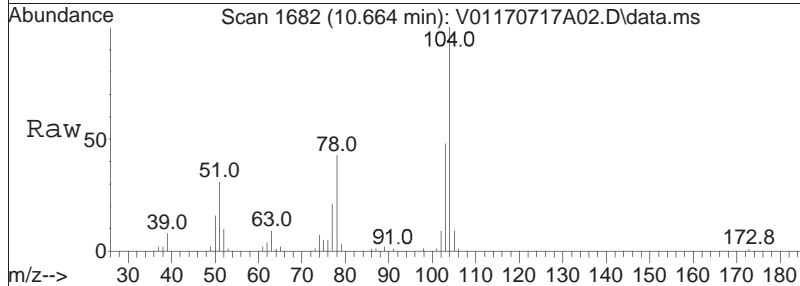
Tgt Ion	Resp	Lower	Upper
106	100		
91	207.9	184.5	276.7

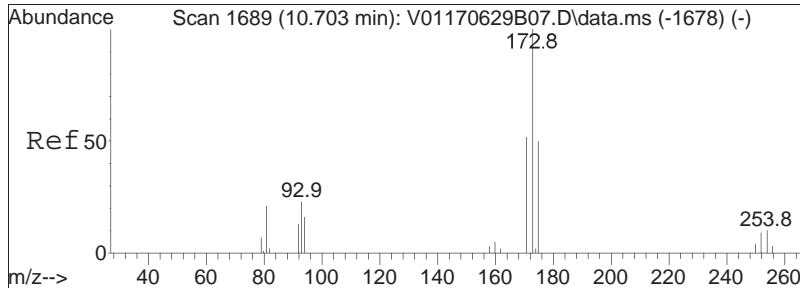




#78
 Styrene
 Concen: 19.04 ug/L
 RT: 10.664 min Scan# 1682
 Delta R.T. 0.000 min
 Lab File: V01170717A02.D
 Acq: 17 Jul 2017 10:08

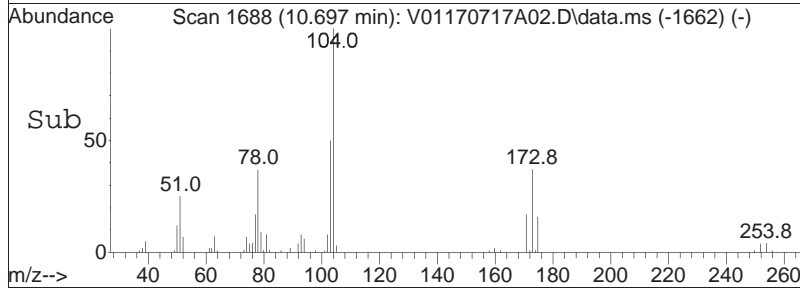
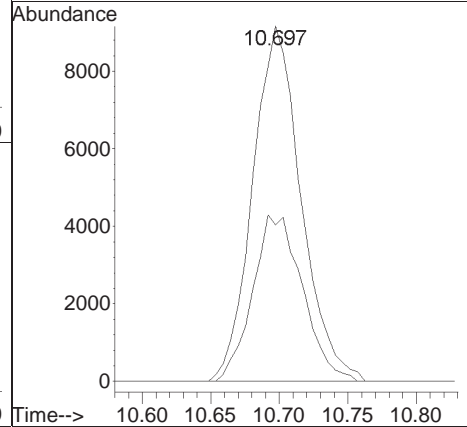
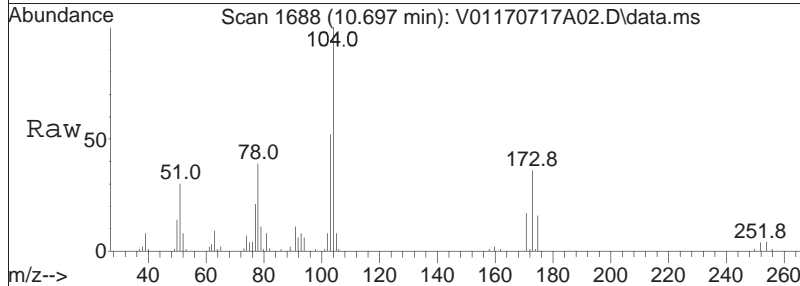
Tgt Ion	Resp	Lower	Upper
104	100		
78	43.2	36.4	54.6

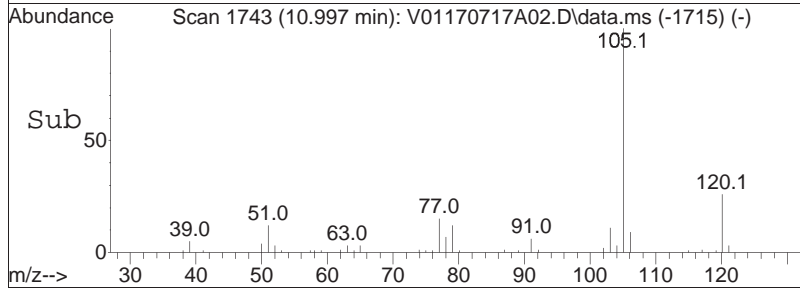
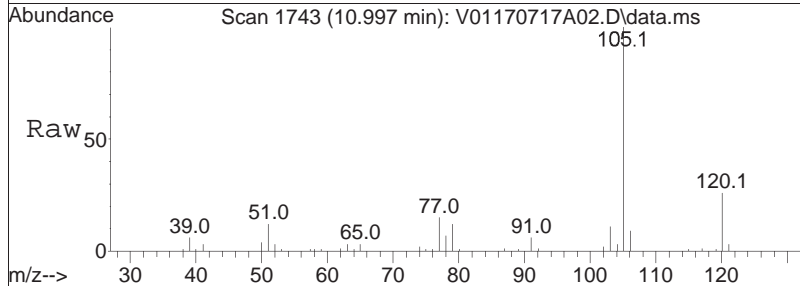
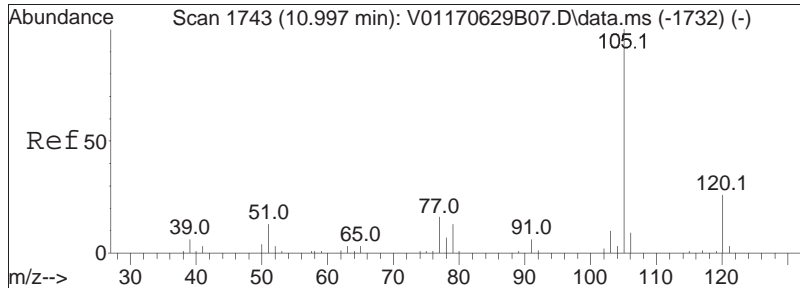




#80
 Bromoform
 Concen: 9.59 ug/L
 RT: 10.697 min Scan# 1688
 Delta R.T. -0.006 min
 Lab File: V01170717A02.D
 Acq: 17 Jul 2017 10:08

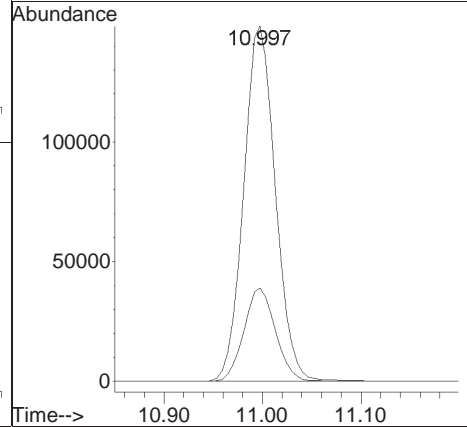
Tgt Ion: 173 Resp: 22562
 Ion Ratio Lower Upper
 173 100
 175 48.1 27.8 67.8

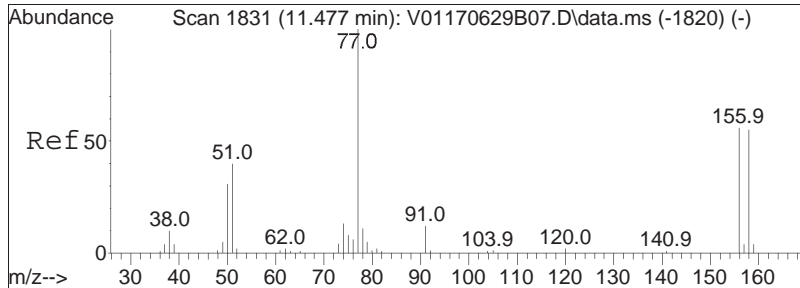




#82
 Isopropylbenzene
 Concen: 8.86 ug/L
 RT: 10.997 min Scan# 1743
 Delta R.T. 0.000 min
 Lab File: V01170717A02.D
 Acq: 17 Jul 2017 10:08

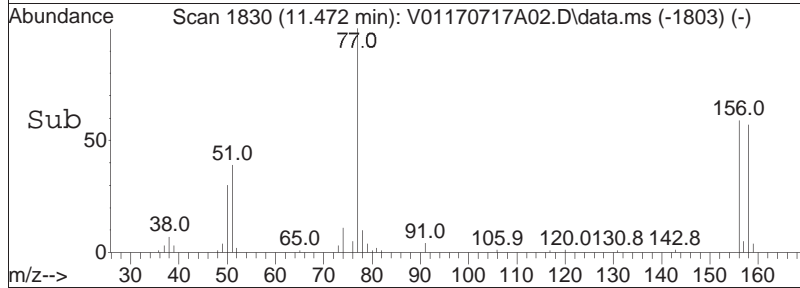
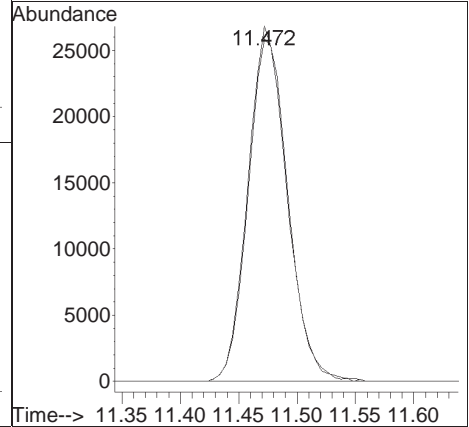
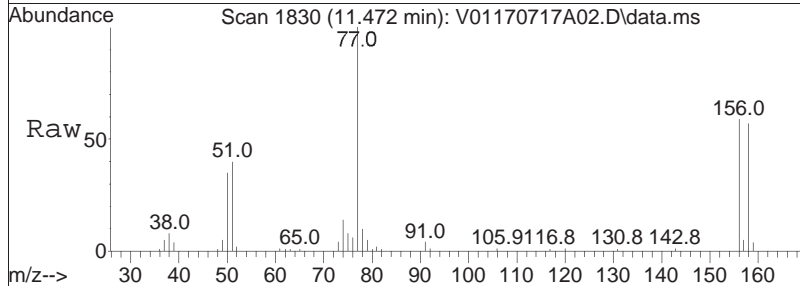
Tgt Ion	Resp	Lower	Upper
105	100		
120	26.2	6.1	46.1

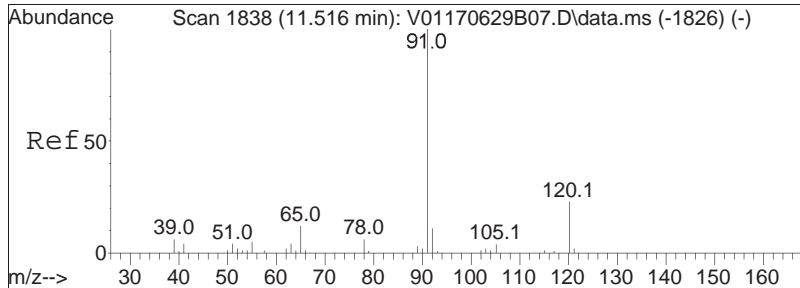




#84
 Bromobenzene
 Concen: 9.25 ug/L
 RT: 11.472 min Scan# 1830
 Delta R.T. -0.005 min
 Lab File: V01170717A02.D
 Acq: 17 Jul 2017 10:08

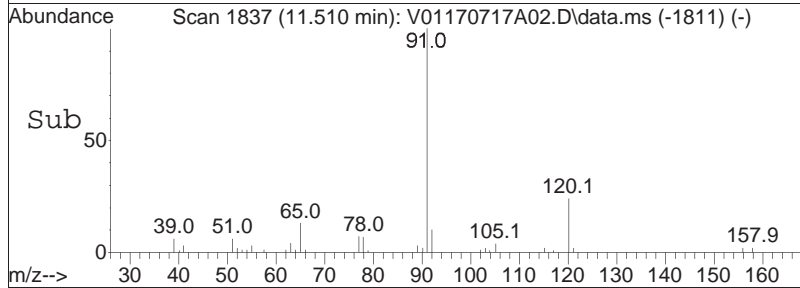
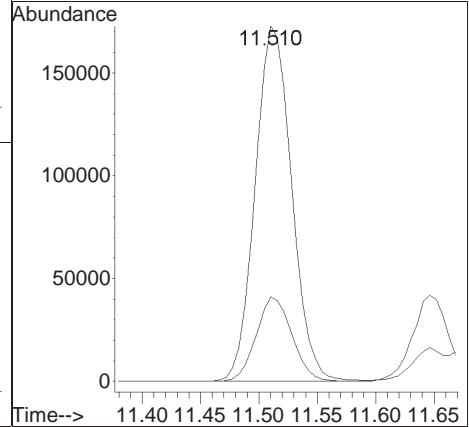
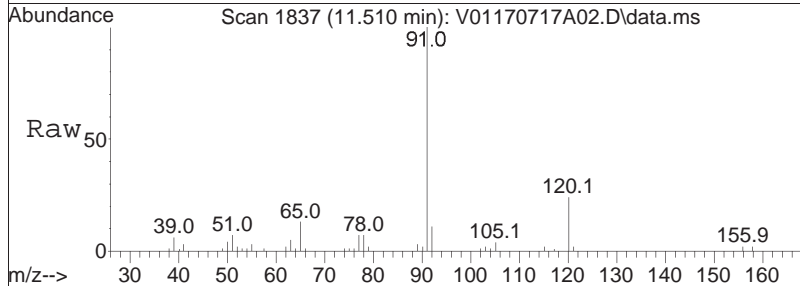
Tgt Ion: 156 Resp: 63109
 Ion Ratio Lower Upper
 156 100
 158 96.6 76.9 115.3

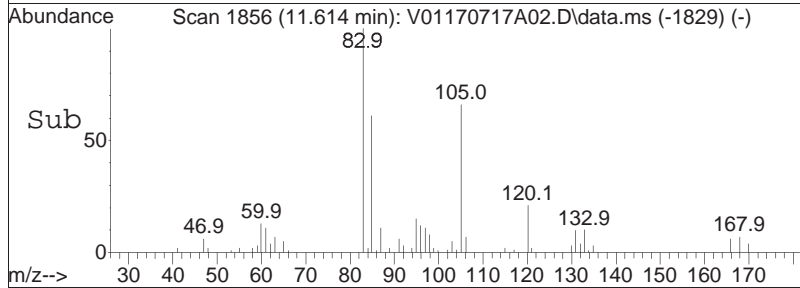
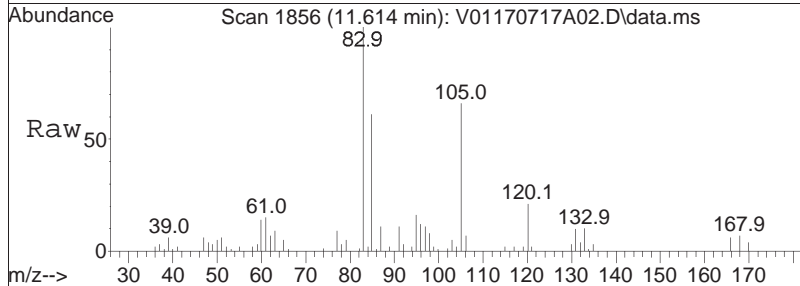
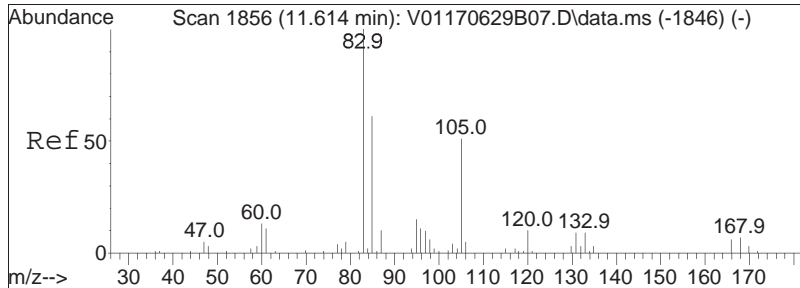




#85
 n-Propylbenzene
 Concen: 8.52 ug/L
 RT: 11.510 min Scan# 1837
 Delta R.T. -0.006 min
 Lab File: V01170717A02.D
 Acq: 17 Jul 2017 10:08

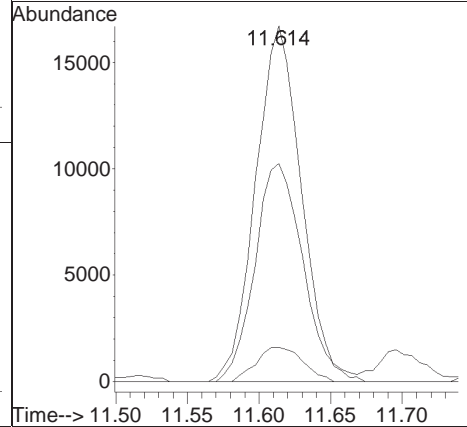
Tgt Ion: 91 Resp: 375958
 Ion Ratio Lower Upper
 91 100
 120 23.2 16.6 25.0

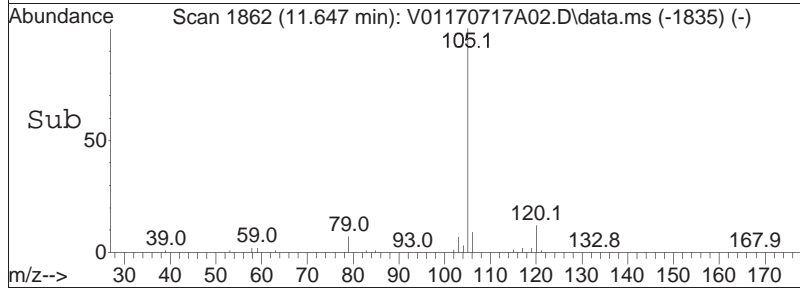
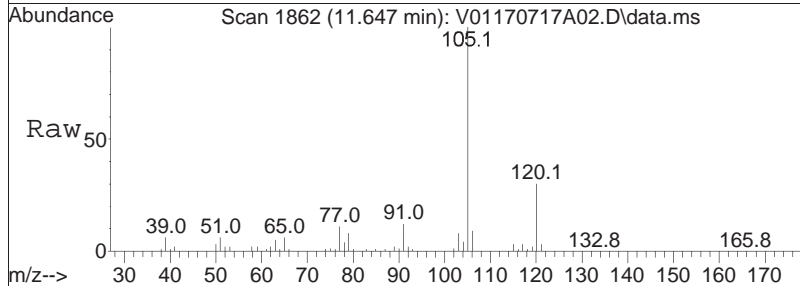
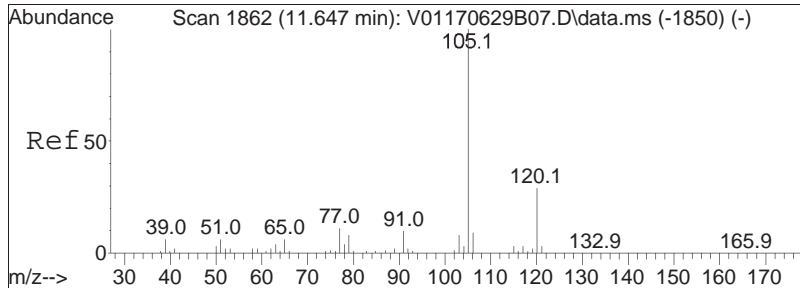




#87
 1,1,2,2-Tetrachloroethane
 Concen: 8.55 ug/L
 RT: 11.614 min Scan# 1856
 Delta R.T. -0.000 min
 Lab File: V01170717A02.D
 Acq: 17 Jul 2017 10:08

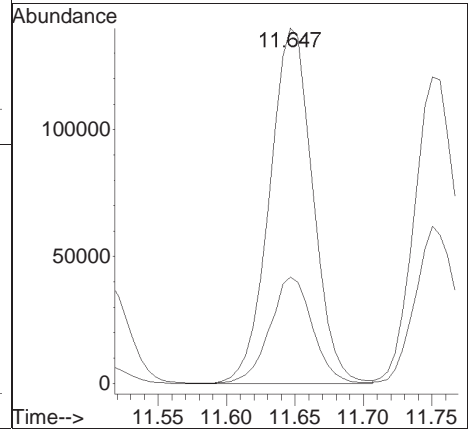
Tgt Ion:	83	Resp:	37016
Ion Ratio	Lower	Upper	
83	100		
131	9.8	0.0	29.5
85	64.8	44.9	84.9

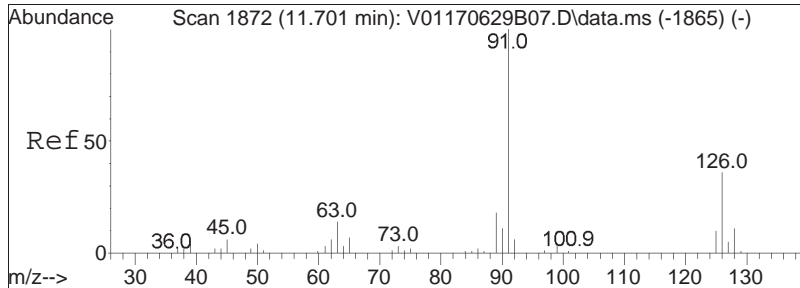




#88
 4-Ethyltoluene
 Concen: 8.82 ug/L
 RT: 11.647 min Scan# 1862
 Delta R.T. -0.000 min
 Lab File: V01170717A02.D
 Acq: 17 Jul 2017 10:08

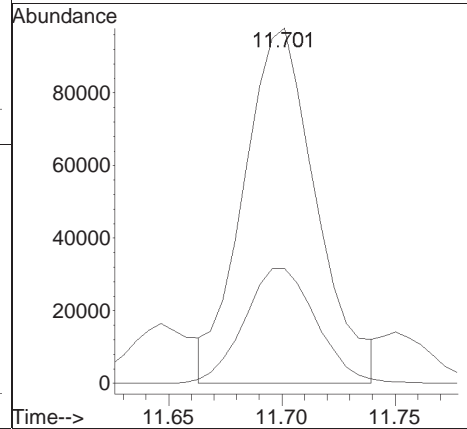
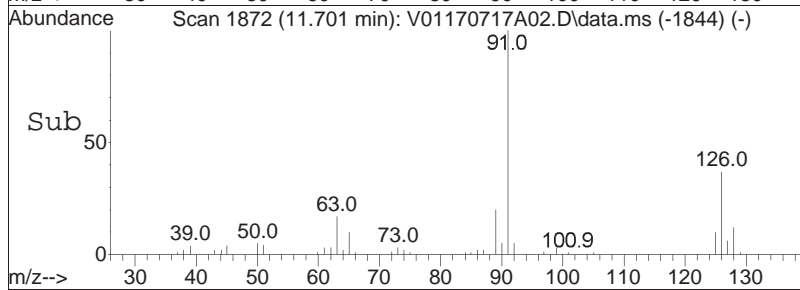
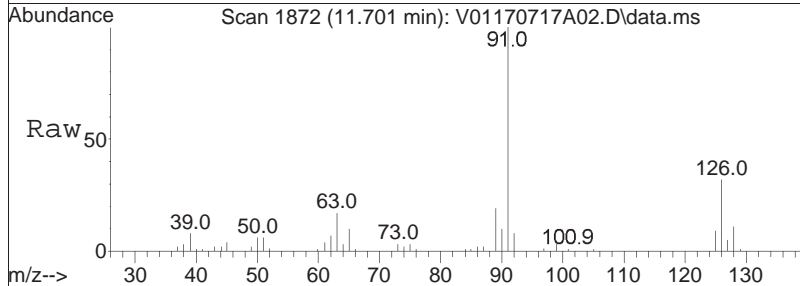
Tgt Ion	Resp	Lower	Upper
105	100		
120	29.0	18.9	39.1

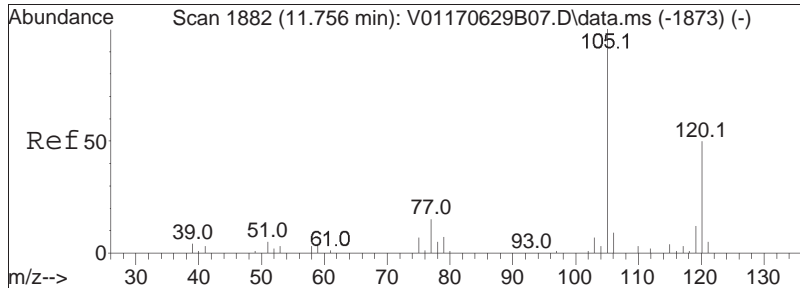




#89
 2-Chlorotoluene
 Concen: 8.70 ug/L M1
 RT: 11.701 min Scan# 1872
 Delta R.T. 0.000 min
 Lab File: V01170717A02.D
 Acq: 17 Jul 2017 10:08

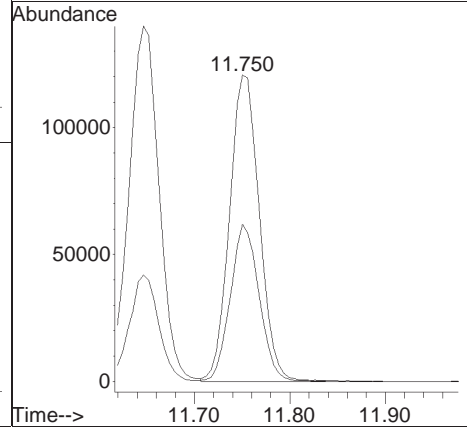
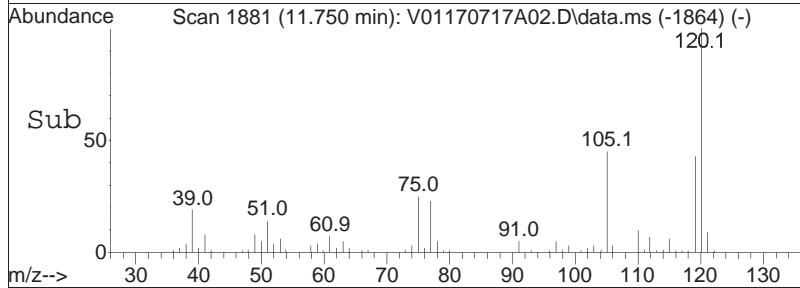
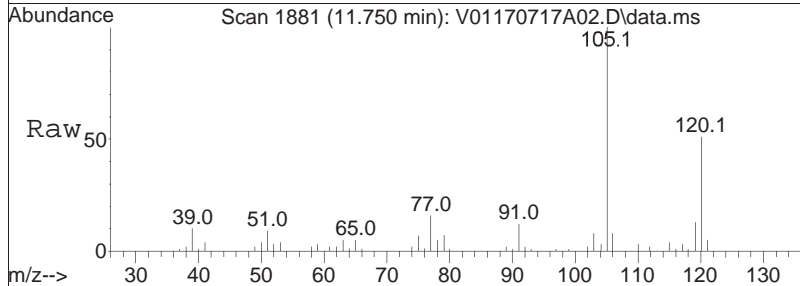
Tgt Ion	Resp	Lower	Upper
91	218216		
126	32.3	22.9	34.3

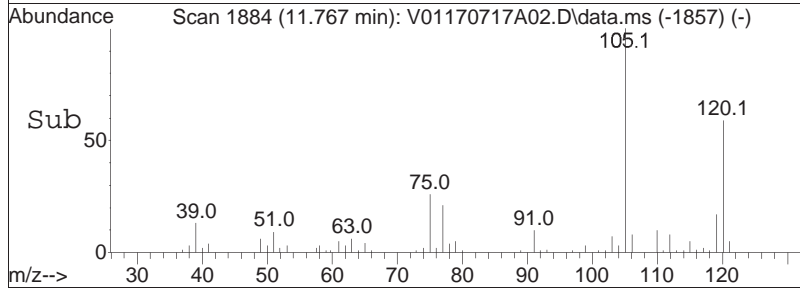
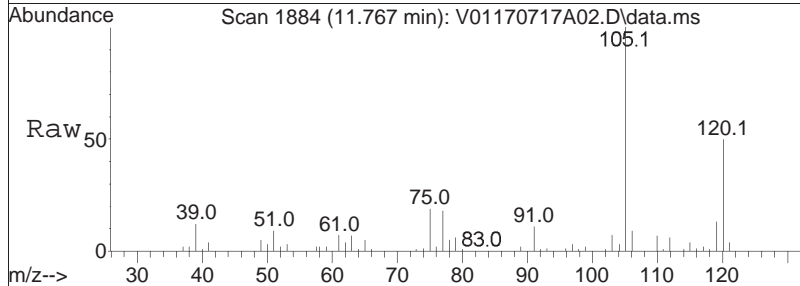
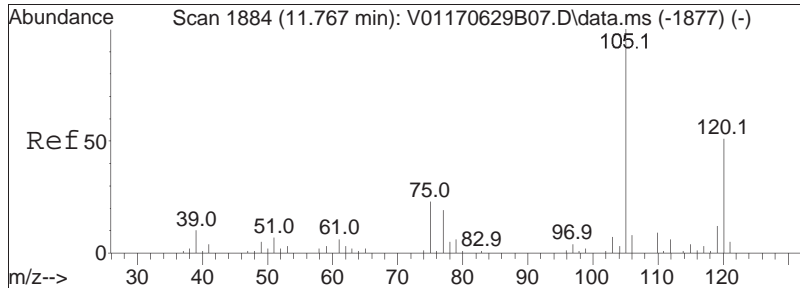




#90
 1,3,5-Trimethylbenzene
 Concen: 8.98 ug/L
 RT: 11.750 min Scan# 1881
 Delta R.T. -0.006 min
 Lab File: V01170717A02.D
 Acq: 17 Jul 2017 10:08

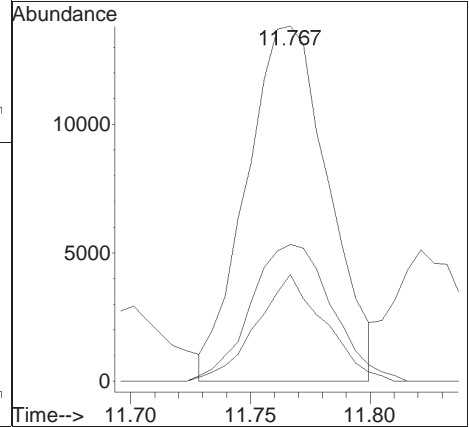
Tgt Ion	Resp	Lower	Upper
105	100		
120	49.4	37.8	56.8

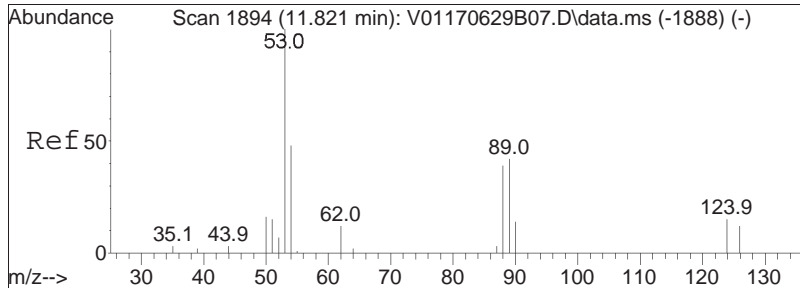




#91
 1,2,3-Trichloropropane
 Concen: 8.81 ug/L M1
 RT: 11.767 min Scan# 1884
 Delta R.T. -0.000 min
 Lab File: V01170717A02.D
 Acq: 17 Jul 2017 10:08

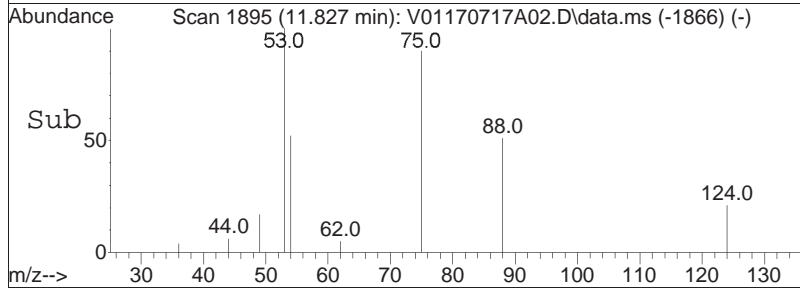
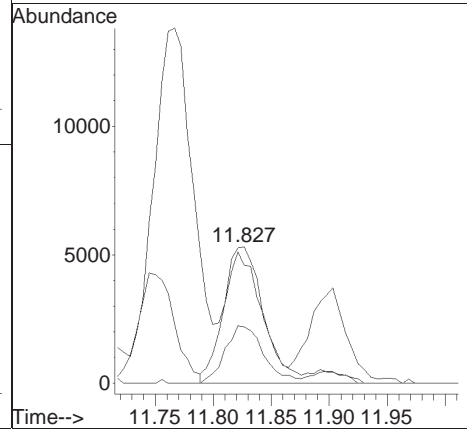
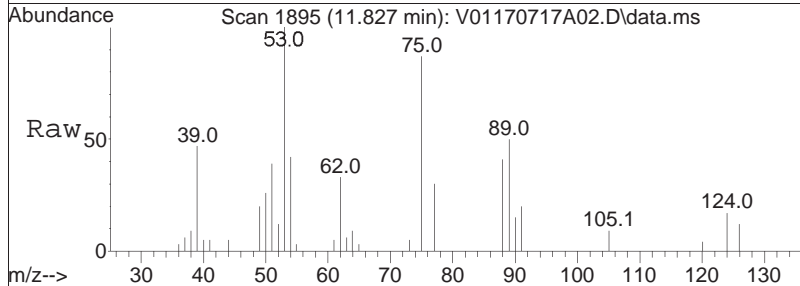
Tgt Ion	Resp	Lower	Upper
75	32925		
110	38.1	22.0	45.8
112	25.0	14.2	29.6

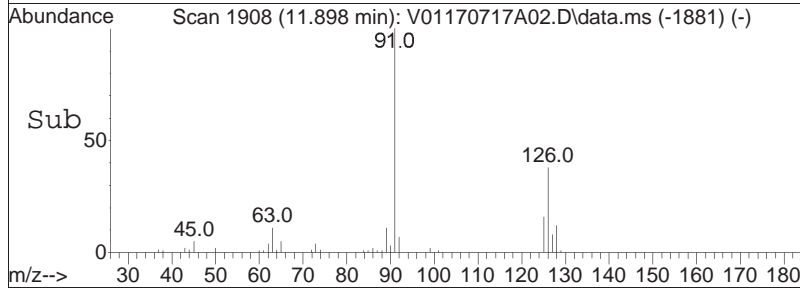
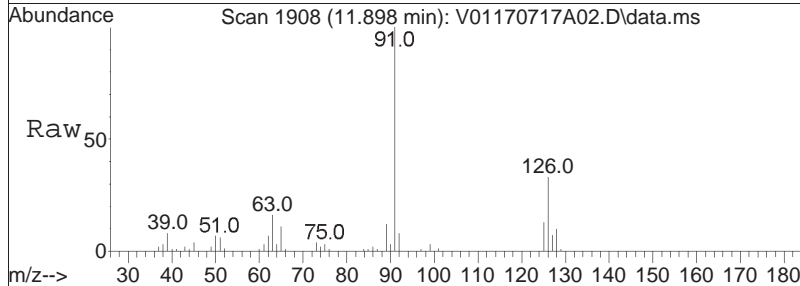
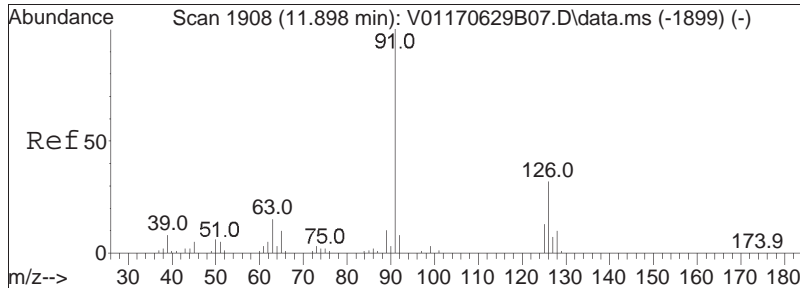




#92
 trans-1,4-Dichloro-2-butene
 Concen: 10.51 ug/L M1
 RT: 11.827 min Scan# 1895
 Delta R.T. 0.006 min
 Lab File: V01170717A02.D
 Acq: 17 Jul 2017 10:08

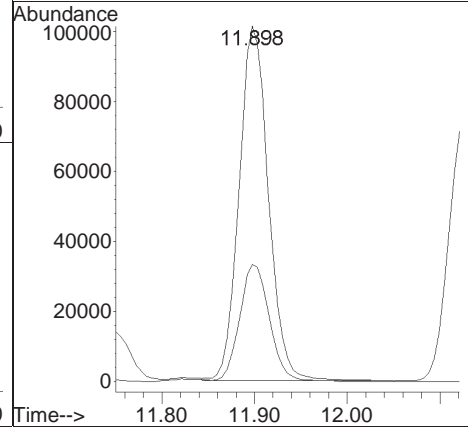
Tgt Ion	Resp	Lower	Upper
53	13833		
53	100		
88	37.8	41.7	62.5#
75	66.7	81.3	121.9#

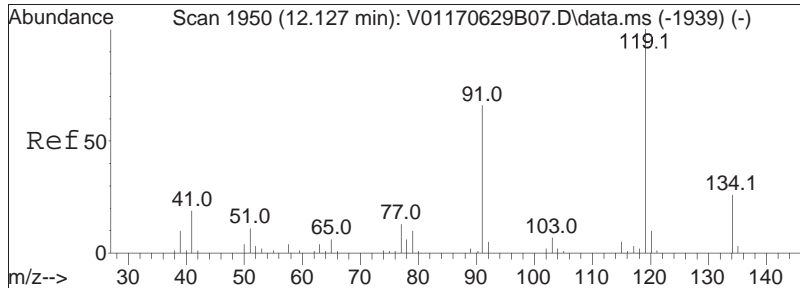




#93
 4-Chlorotoluene
 Concen: 8.73 ug/L
 RT: 11.898 min Scan# 1908
 Delta R.T. -0.000 min
 Lab File: V01170717A02.D
 Acq: 17 Jul 2017 10:08

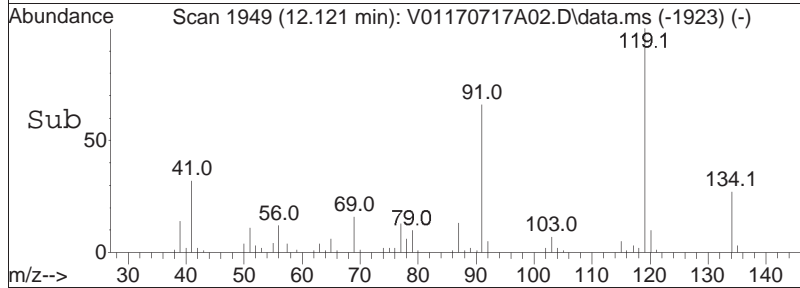
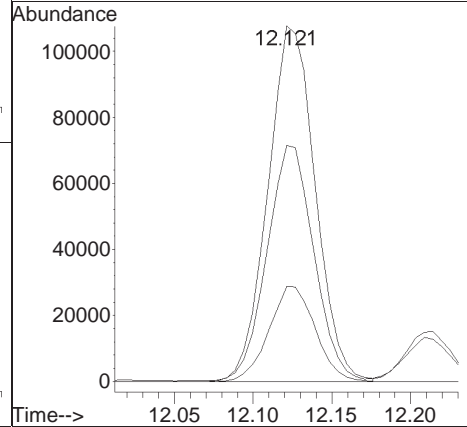
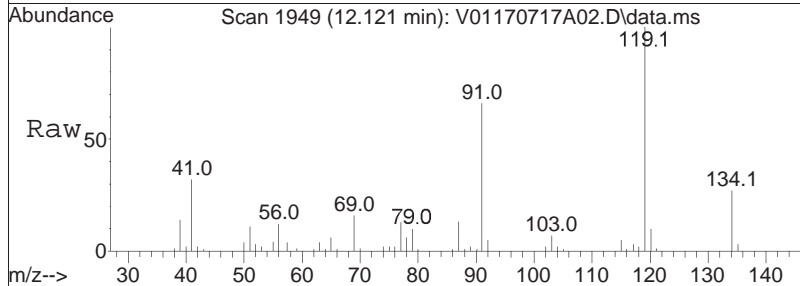
Tgt Ion:	Resp:	Lower	Upper
91	100		
126	33.6	23.7	35.5

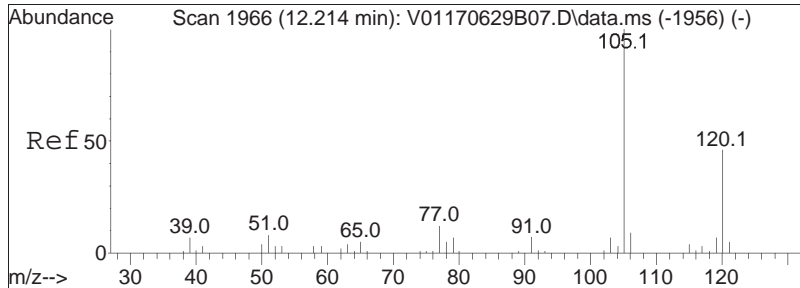




#94
 tert-Butylbenzene
 Concen: 9.02 ug/L
 RT: 12.121 min Scan# 1949
 Delta R.T. -0.006 min
 Lab File: V01170717A02.D
 Acq: 17 Jul 2017 10:08

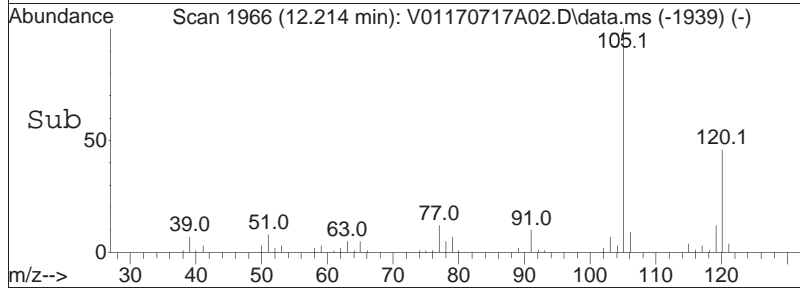
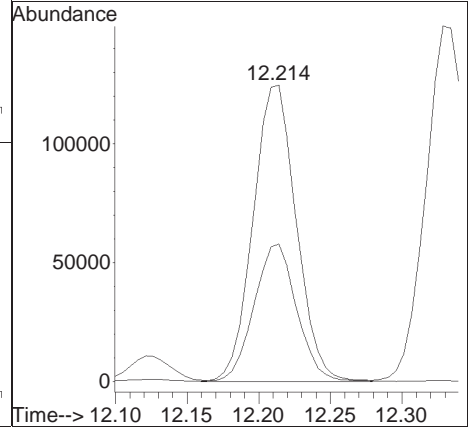
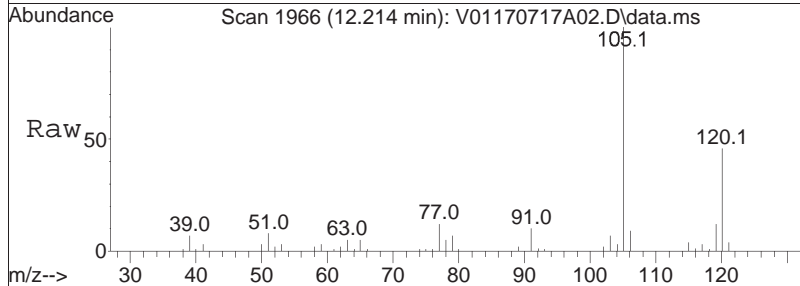
Tgt Ion	Ratio	Lower	Upper
119	100		
91	65.2	60.2	90.4
134	26.0	19.9	29.9

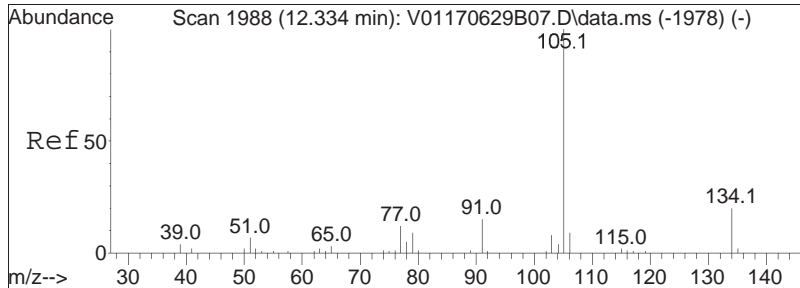




#97
 1,2,4-Trimethylbenzene
 Concen: 9.02 ug/L
 RT: 12.214 min Scan# 1966
 Delta R.T. 0.000 min
 Lab File: V01170717A02.D
 Acq: 17 Jul 2017 10:08

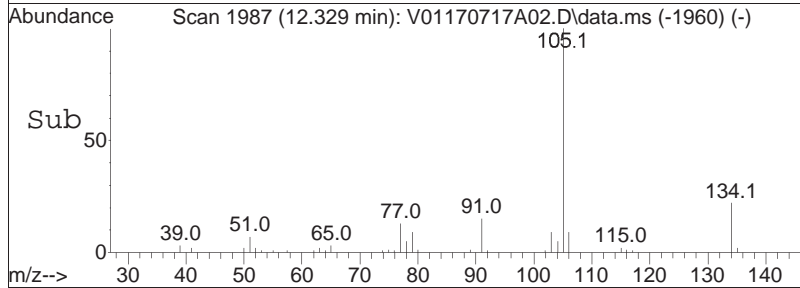
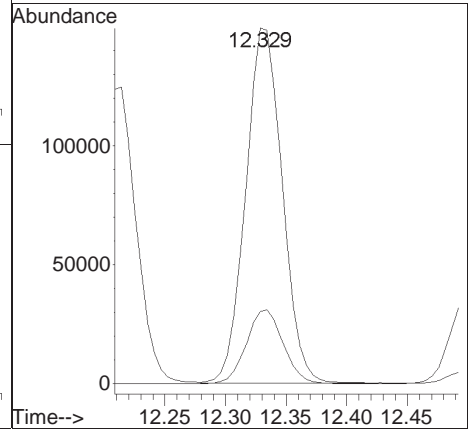
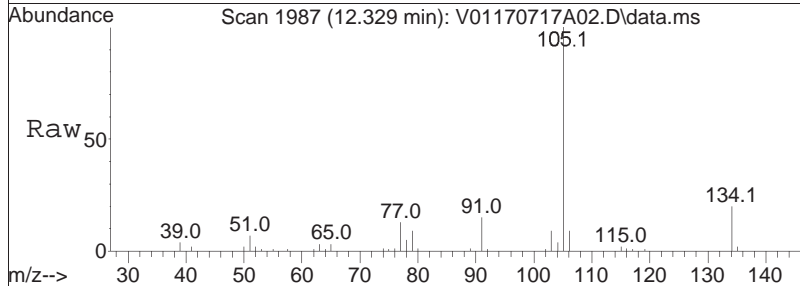
Tgt Ion	Resp	Lower	Upper
105	100		
120	45.7	35.0	52.6

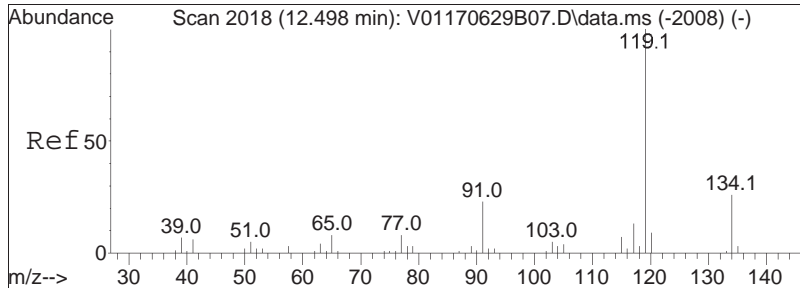




#98
 sec-Butylbenzene
 Concen: 8.76 ug/L
 RT: 12.329 min Scan# 1987
 Delta R.T. -0.005 min
 Lab File: V01170717A02.D
 Acq: 17 Jul 2017 10:08

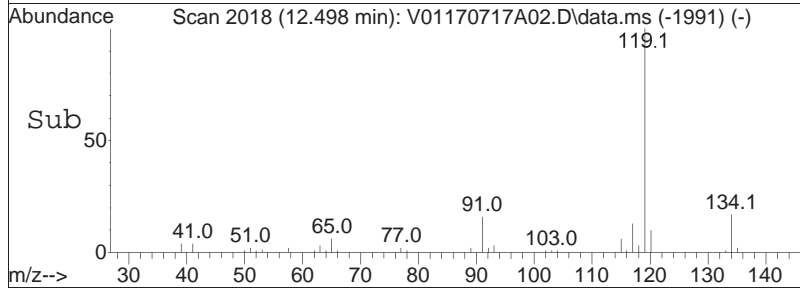
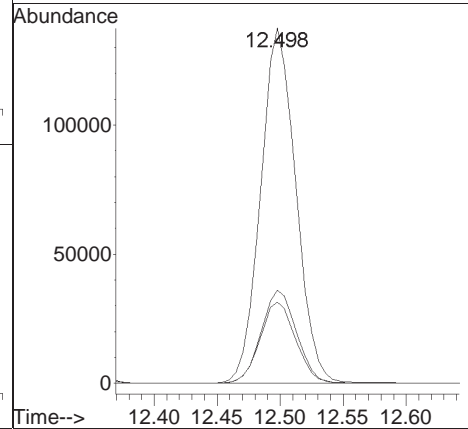
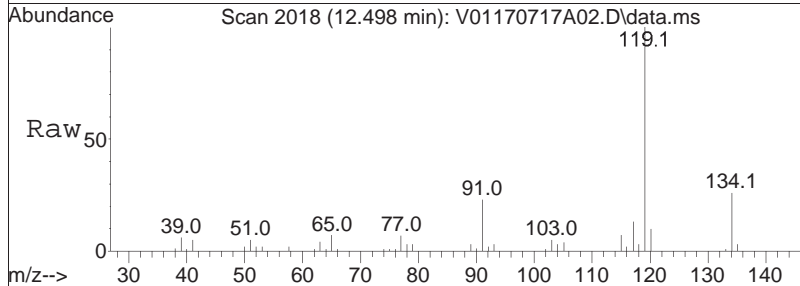
Tgt Ion	Resp	Lower	Upper
105	100		
134	20.6	12.5	26.1

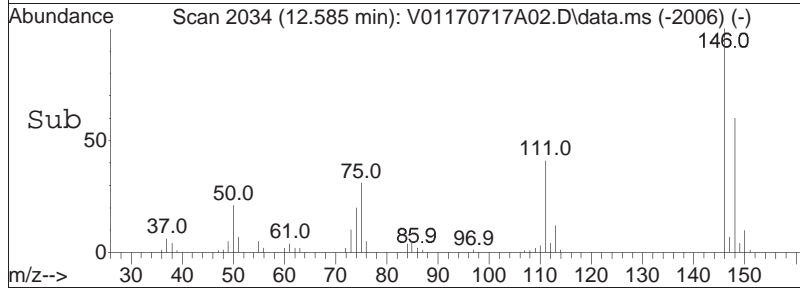
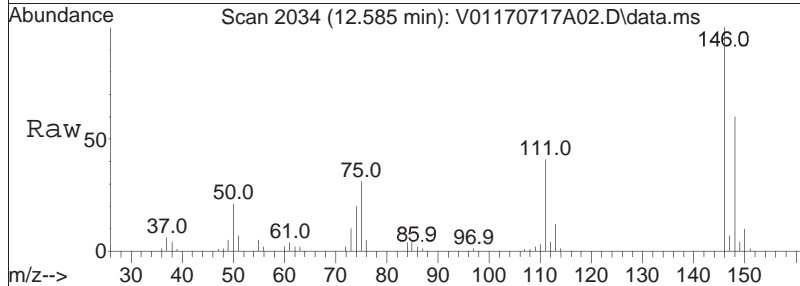
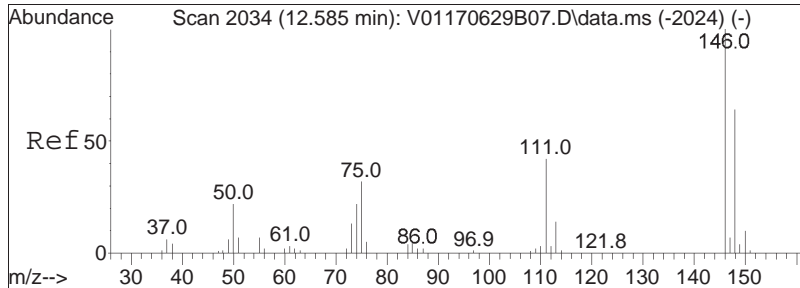




#99
 p-Isopropyltoluene
 Concen: 9.05 ug/L
 RT: 12.498 min Scan# 2018
 Delta R.T. -0.000 min
 Lab File: V01170717A02.D
 Acq: 17 Jul 2017 10:08

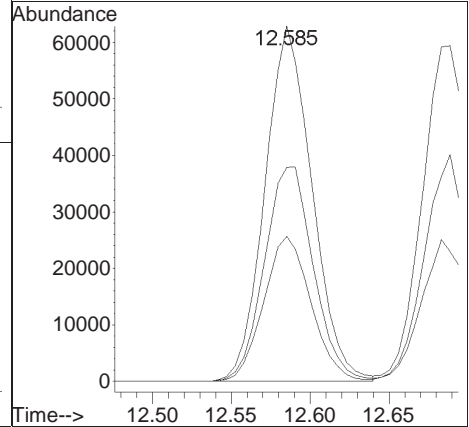
Tgt Ion	Resp	Lower	Upper
119	100		
134	26.4	17.2	35.6
91	23.2	17.7	36.9

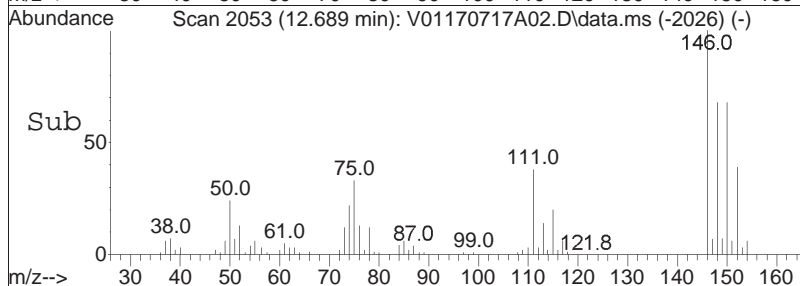
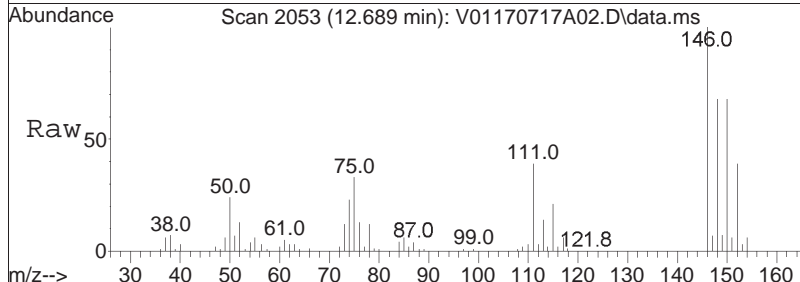
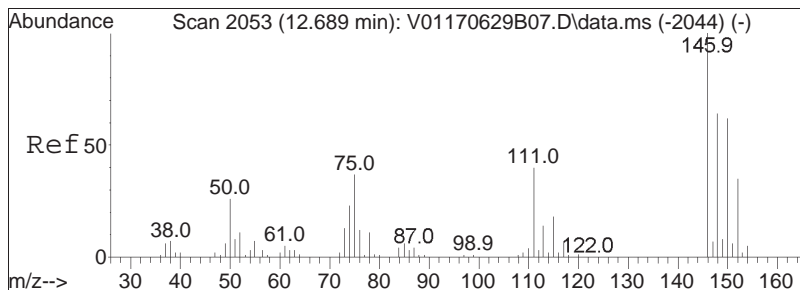




#100
 1,3-Dichlorobenzene
 Concen: 9.32 ug/L
 RT: 12.585 min Scan# 2034
 Delta R.T. 0.000 min
 Lab File: V01170717A02.D
 Acq: 17 Jul 2017 10:08

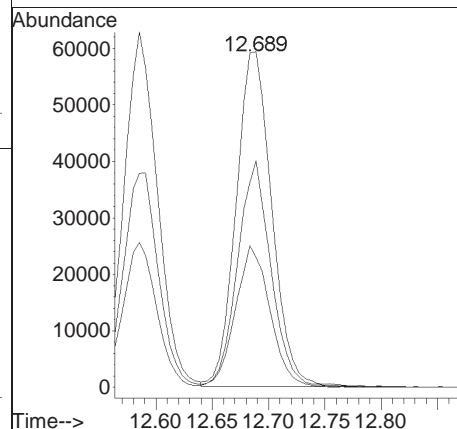
Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.0	28.7	59.5
148	62.9	41.1	85.5

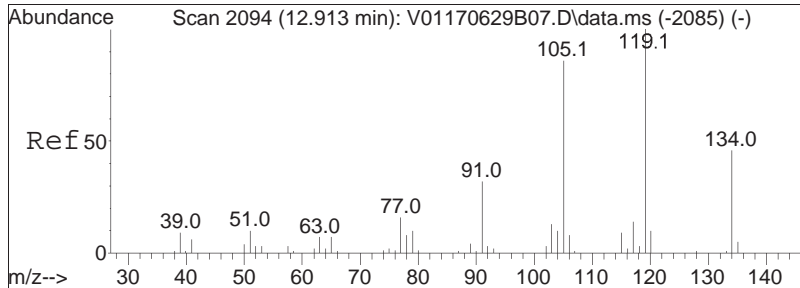




#101
 1,4-Dichlorobenzene
 Concen: 9.11 ug/L
 RT: 12.689 min Scan# 2053
 Delta R.T. -0.000 min
 Lab File: V01170717A02.D
 Acq: 17 Jul 2017 10:08

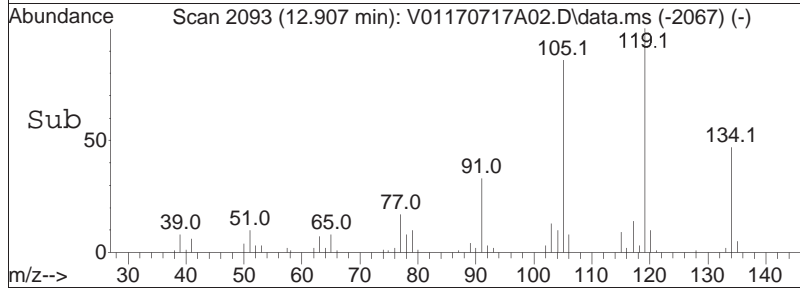
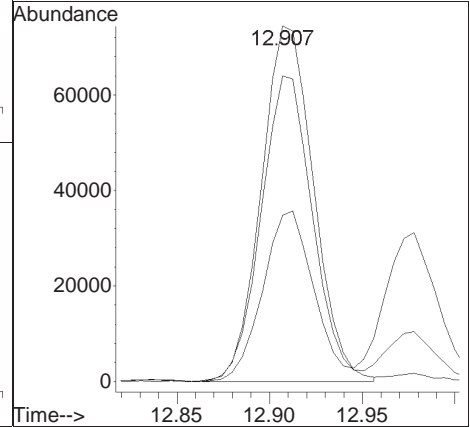
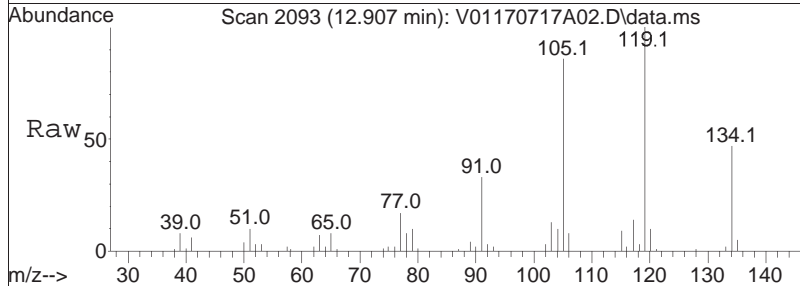
Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.4	35.0	52.4
148	64.1	51.0	76.6

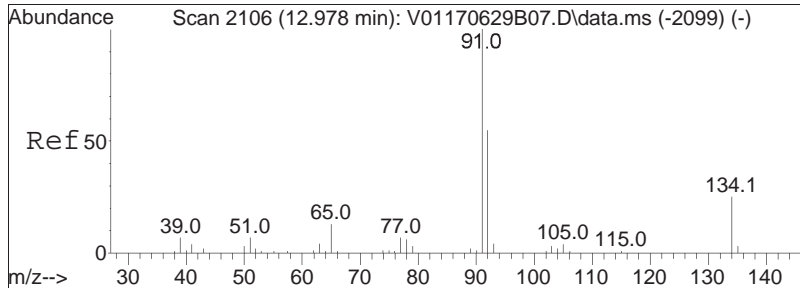




#102
 p-Diethylbenzene
 Concen: 8.95 ug/L
 RT: 12.907 min Scan# 2093
 Delta R.T. -0.006 min
 Lab File: V01170717A02.D
 Acq: 17 Jul 2017 10:08

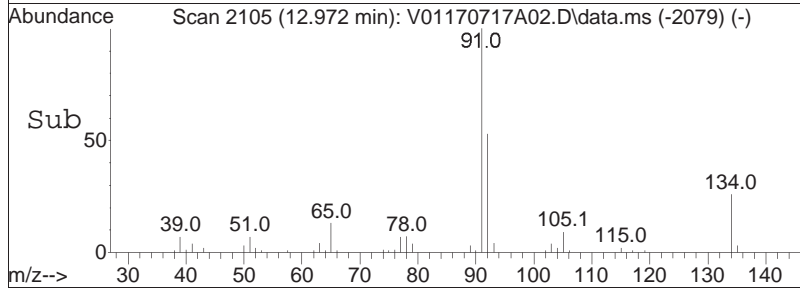
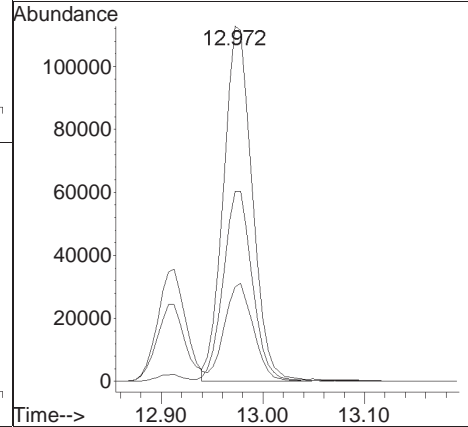
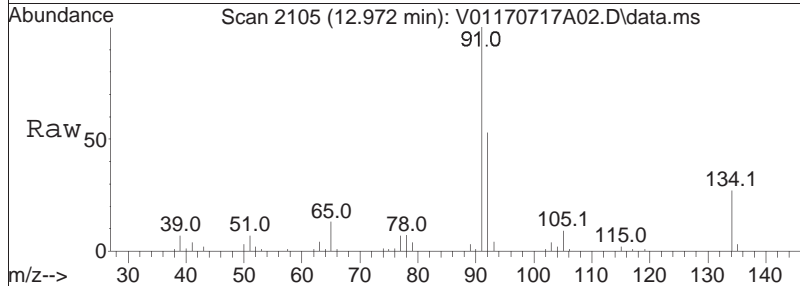
Tgt Ion	Ratio	Lower	Upper
119	100		
105	84.9	57.7	119.9
134	47.1	30.0	62.2

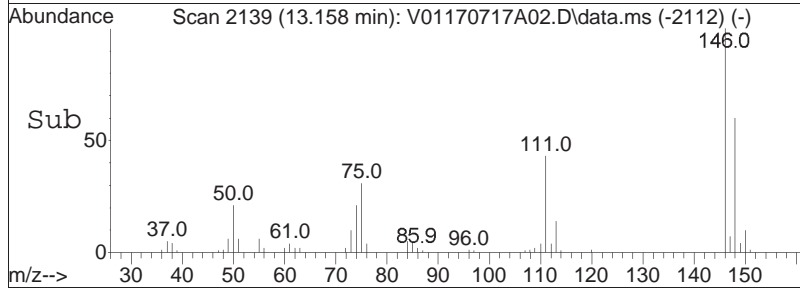
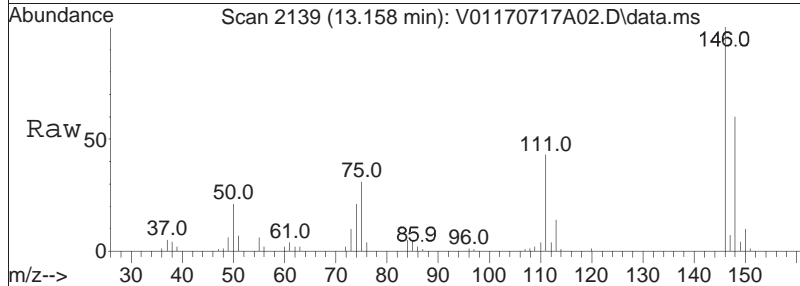
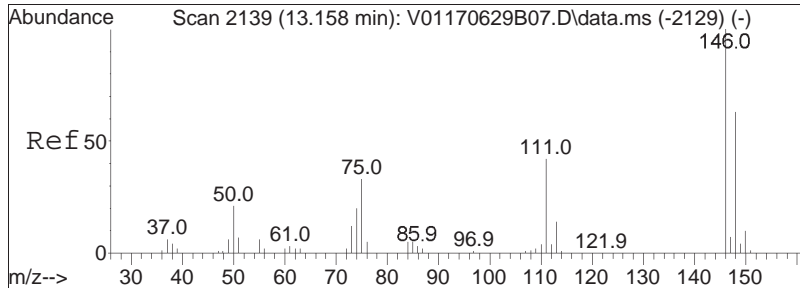




#103
 n-Butylbenzene
 Concen: 8.63 ug/L
 RT: 12.972 min Scan# 2105
 Delta R.T. -0.006 min
 Lab File: V01170717A02.D
 Acq: 17 Jul 2017 10:08

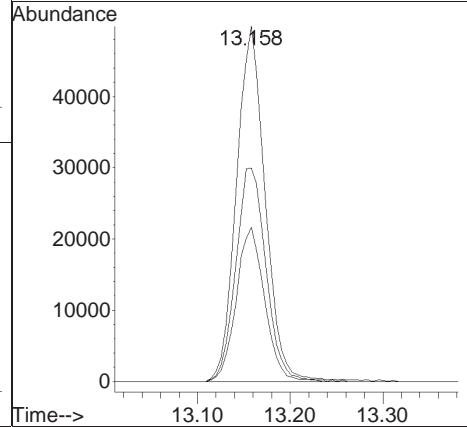
Tgt Ion:	91	Resp:	222178
Ion Ratio	Lower	Upper	
91	100		
92	54.2	43.4	65.0
134	27.4	19.0	28.4

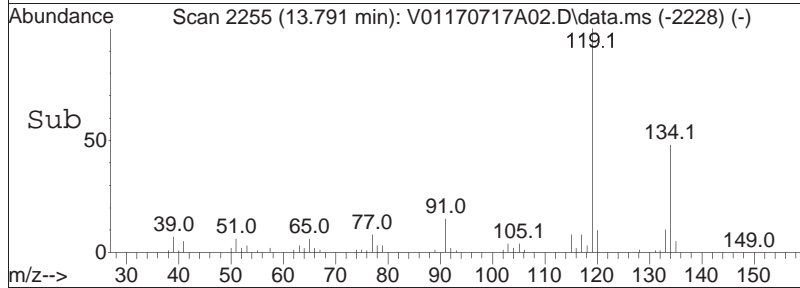
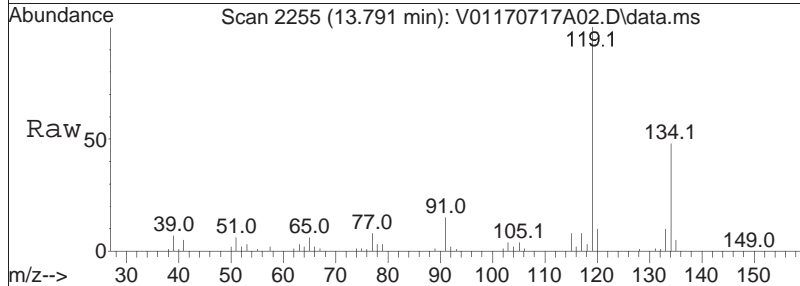
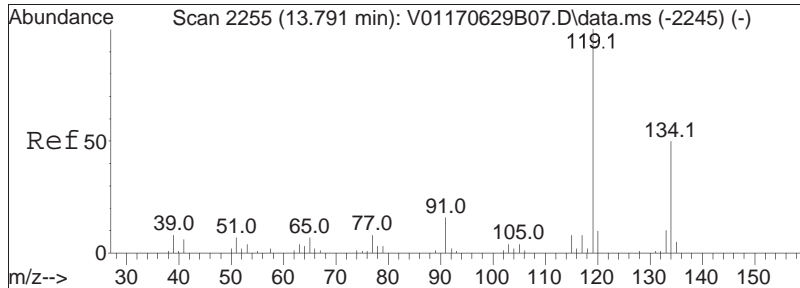




#104
 1,2-Dichlorobenzene
 Concen: 9.23 ug/L
 RT: 13.158 min Scan# 2139
 Delta R.T. -0.000 min
 Lab File: V01170717A02.D
 Acq: 17 Jul 2017 10:08

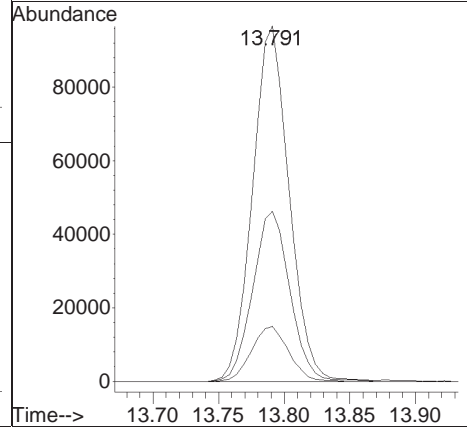
Tgt Ion	Resp	Lower	Upper
146	107457		
111	42.8	29.1	60.3
148	63.0	40.8	84.8

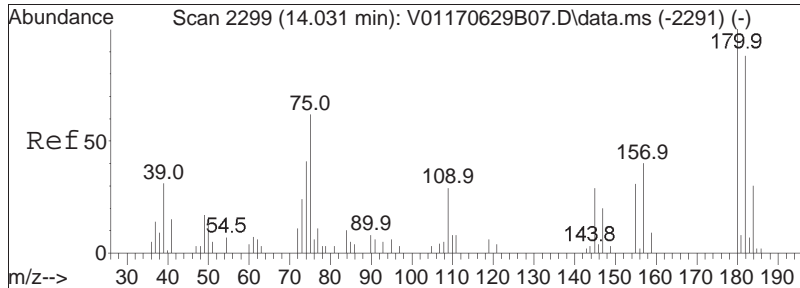




#105
 1,2,4,5-Tetramethylbenzene
 Concen: 9.08 ug/L
 RT: 13.791 min Scan# 2255
 Delta R.T. -0.000 min
 Lab File: V01170717A02.D
 Acq: 17 Jul 2017 10:08

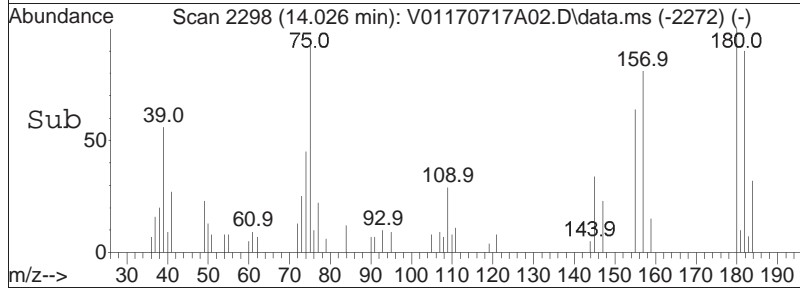
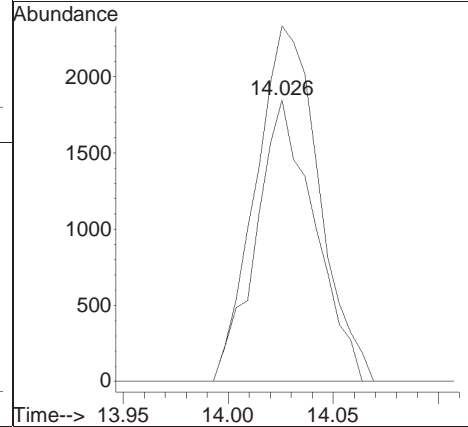
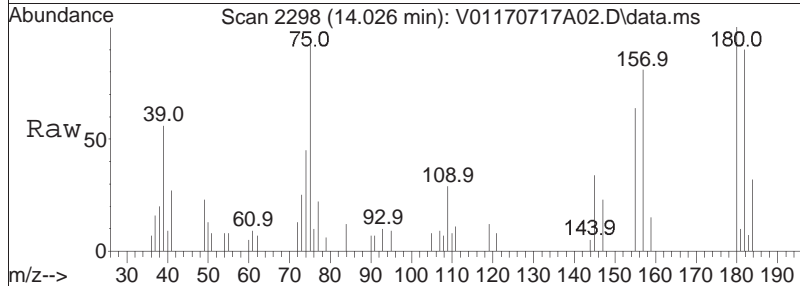
Tgt Ion	Resp	Lower	Upper
119	186843		
119	100		
134	48.8	29.3	60.9
91	15.7	11.8	24.4

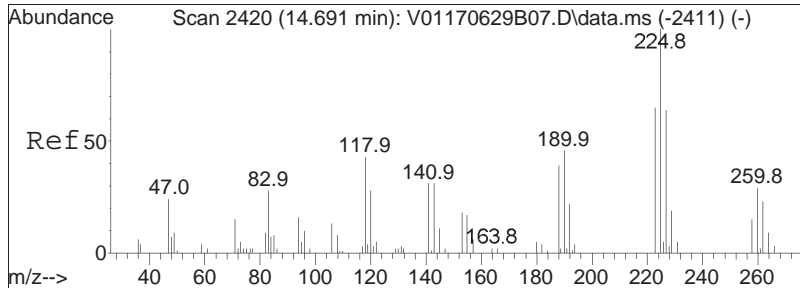




#106
 1,2-Dibromo-3-chloropropane
 Concen: 8.57 ug/L
 RT: 14.026 min Scan# 2298
 Delta R.T. -0.005 min
 Lab File: V01170717A02.D
 Acq: 17 Jul 2017 10:08

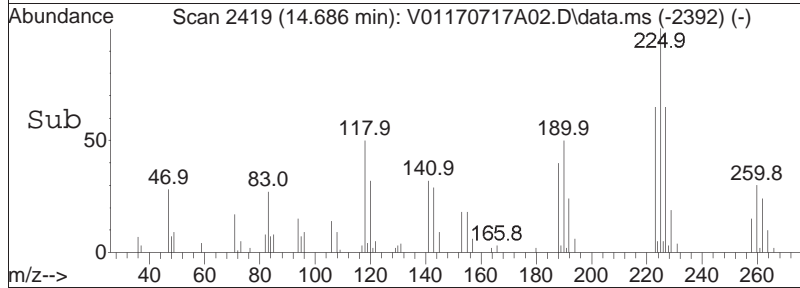
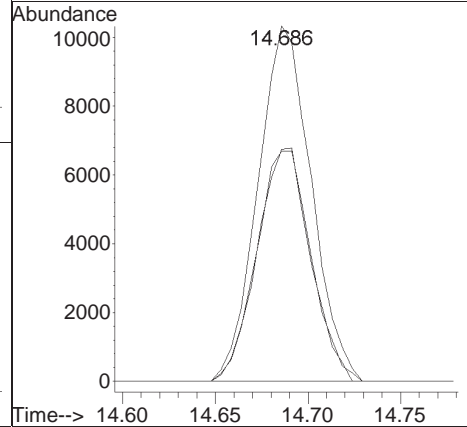
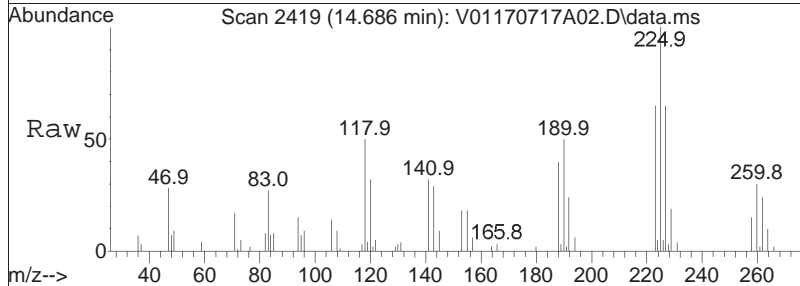
Tgt Ion	Resp	Lower	Upper
155	100		
157	137.2	99.2	148.8

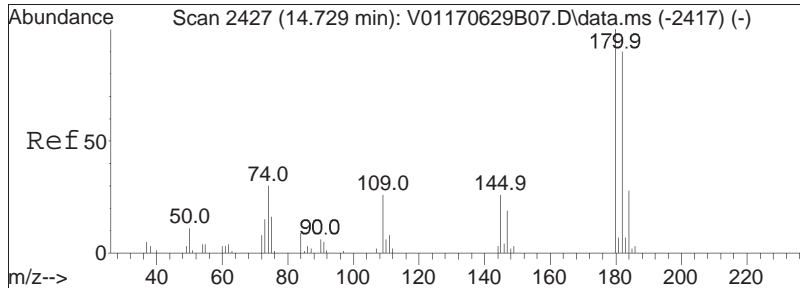




#108
 Hexachlorobutadiene
 Concen: 9.71 ug/L
 RT: 14.686 min Scan# 2419
 Delta R.T. -0.005 min
 Lab File: V01170717A02.D
 Acq: 17 Jul 2017 10:08

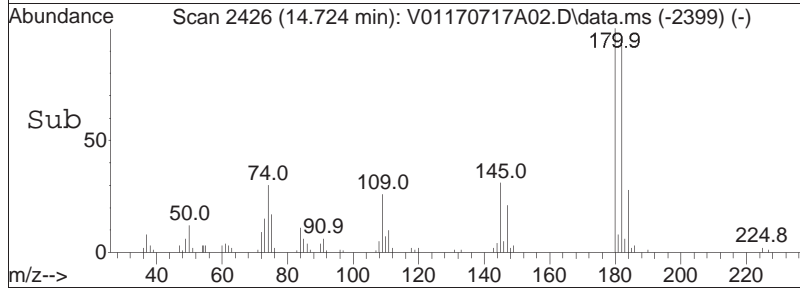
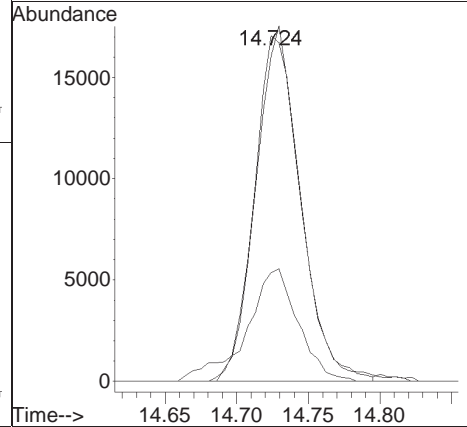
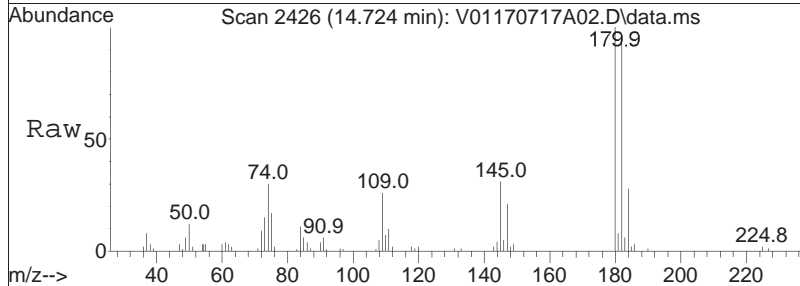
Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.3	50.7	76.1
227	66.4	53.5	80.3

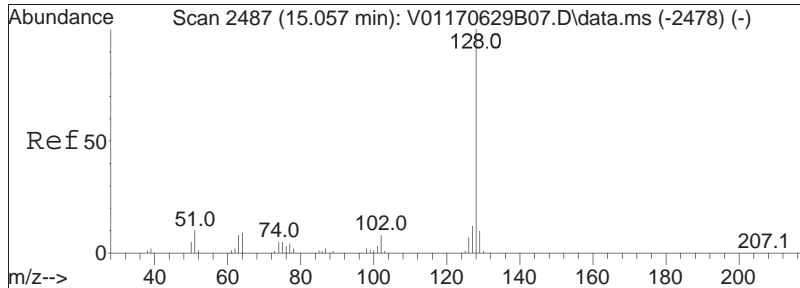




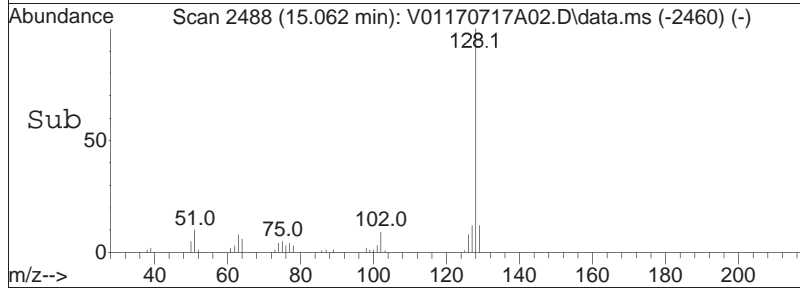
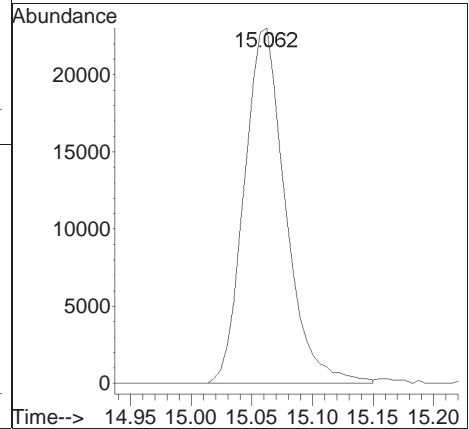
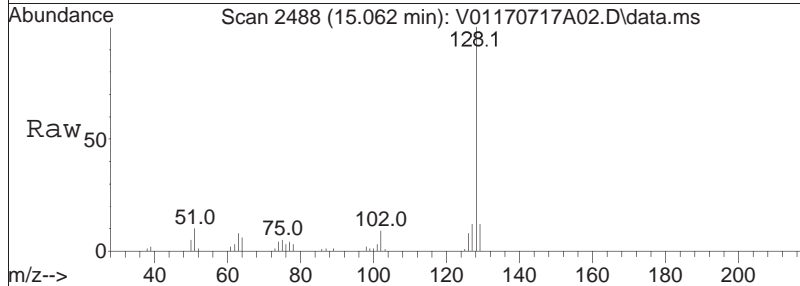
#109
 1,2,4-Trichlorobenzene
 Concen: 9.10 ug/L
 RT: 14.724 min Scan# 2426
 Delta R.T. -0.005 min
 Lab File: V01170717A02.D
 Acq: 17 Jul 2017 10:08

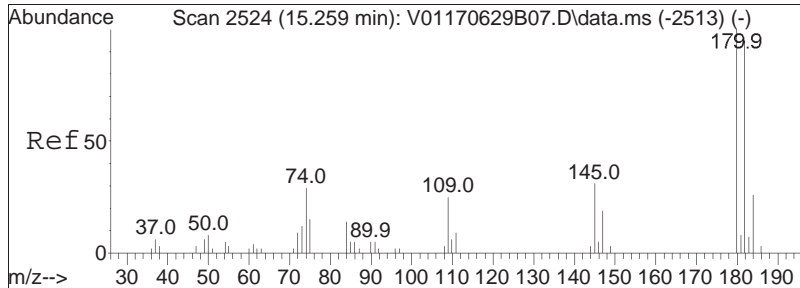
Tgt Ion	Resp	Lower	Upper
180	38716		
180	100		
182	98.6	75.0	112.4
145	36.1	28.5	42.7





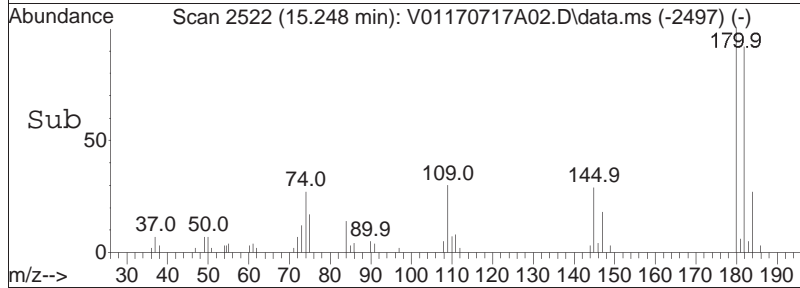
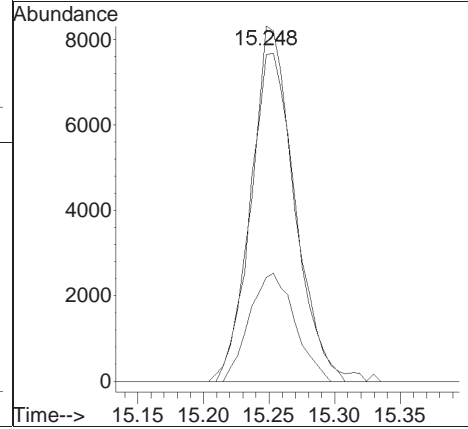
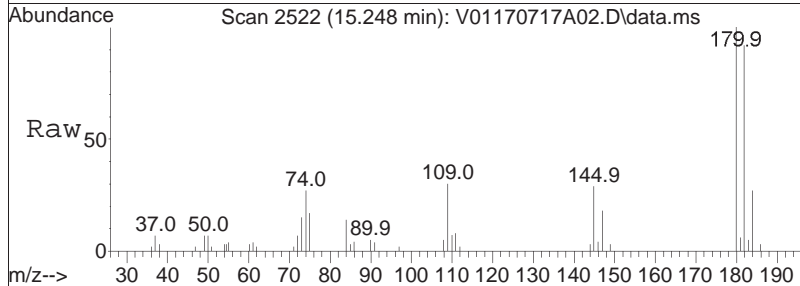
#110
Naphthalene
Concen: 8.95 ug/L
RT: 15.062 min Scan# 2488
Delta R.T. 0.005 min
Lab File: V01170717A02.D
Acq: 17 Jul 2017 10:08
Tgt Ion:128 Resp: 54525





#111
 1,2,3-Trichlorobenzene
 Concen: 9.54 ug/L
 RT: 15.248 min Scan# 2522
 Delta R.T. -0.011 min
 Lab File: V01170717A02.D
 Acq: 17 Jul 2017 10:08

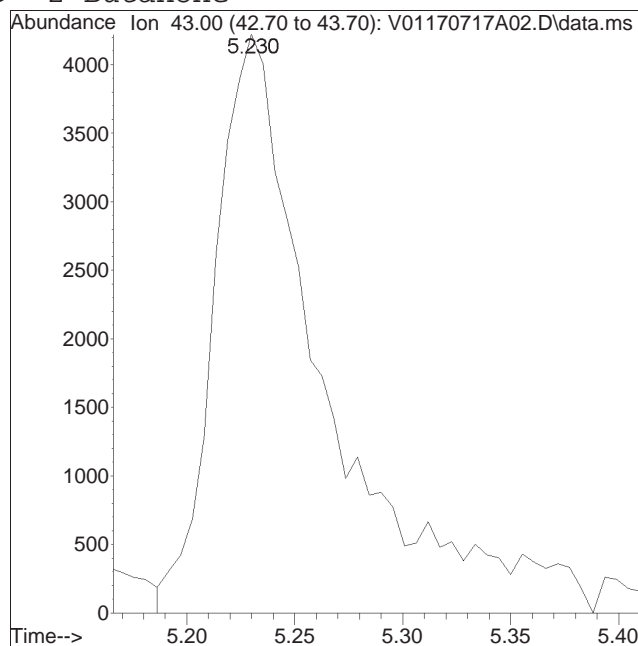
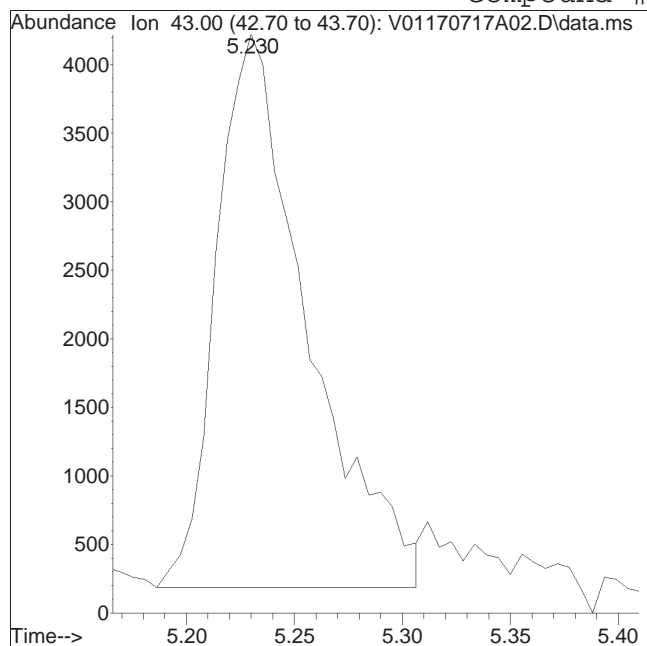
Tgt Ion	Resp	Lower	Upper
180	19074		
180	100		
182	95.7	73.3	109.9
145	31.9	26.2	39.4



Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2017\1QMethod : V101_170629B_8260.m
Data File : V01170717A02.D Operator : VOA101:PD
Date Inj'd : 7/17/2017 10:08 Instrument : VOA 101
Sample : WG1023276-3,31,10,10 Quant Date : 7/17/2017 10:31 am

Compound #39: 2-Butanone



Original Peak Response = 11806

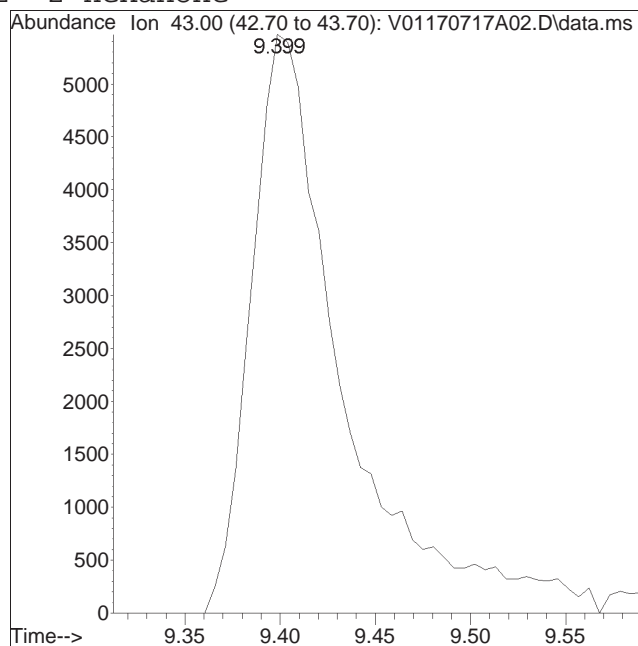
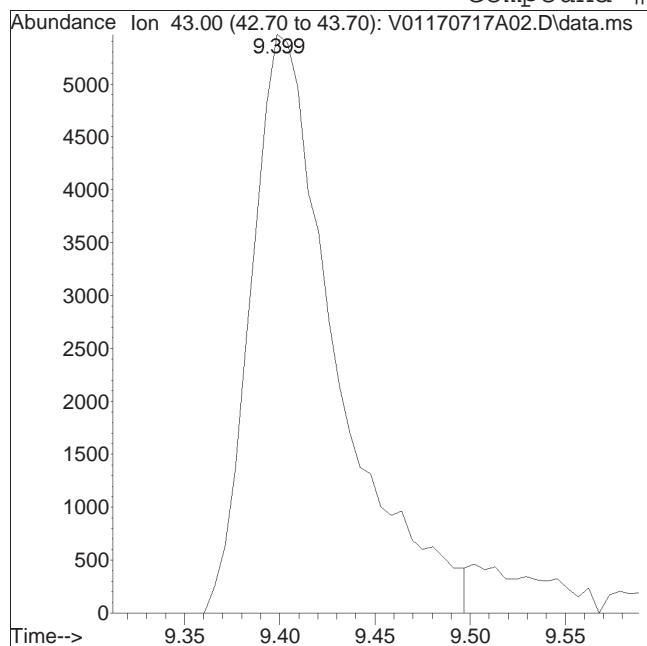
Manual Peak Response = 15007 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2017\1QMethod : V101_170629B_8260.m
Data File : V01170717A02.D Operator : VOA101:PD
Date Inj'd : 7/17/2017 10:08 Instrument : VOA 101
Sample : WG1023276-3,31,10,10 Quant Date : 7/17/2017 10:31 am

Compound #72: 2-Hexanone



Original Peak Response = 17084

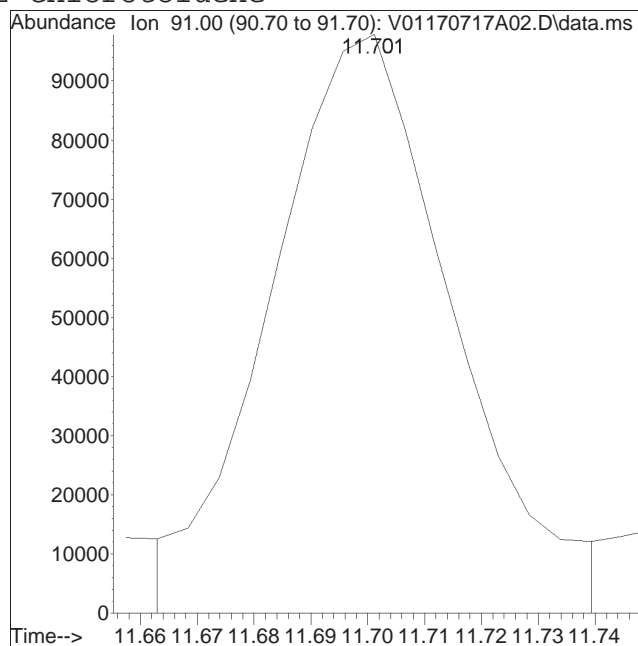
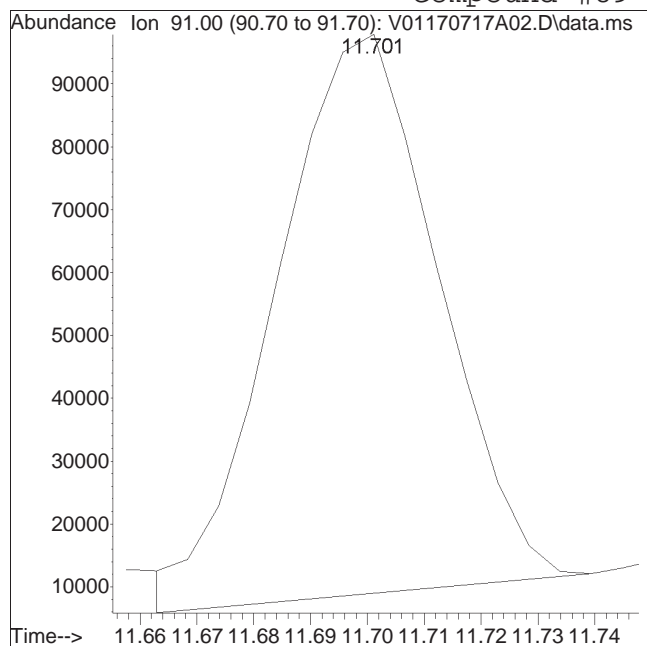
Manual Peak Response = 18348 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2017\1QMethod : V101_170629B_8260.m
Data File : V01170717A02.D Operator : VOA101:PD
Date Inj'd : 7/17/2017 10:08 Instrument : VOA 101
Sample : WG1023276-3,31,10,10 Quant Date : 7/17/2017 10:31 am

Compound #89: 2-Chlorotoluene



Original Peak Response = 176955

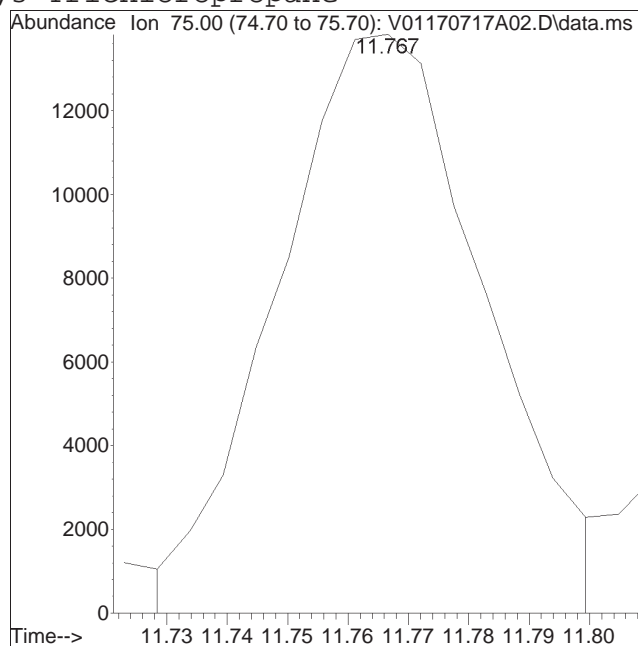
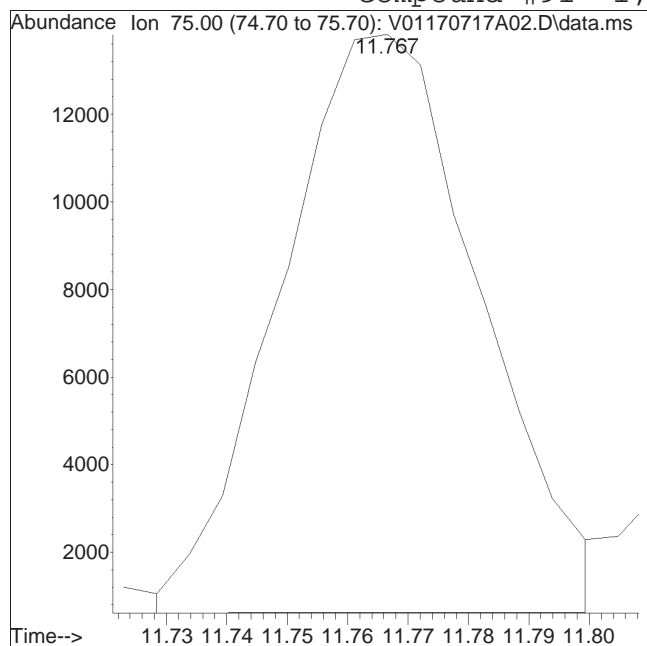
Manual Peak Response = 218216 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2017\1QMethod : V101_170629B_8260.m
Data File : V01170717A02.D Operator : VOA101:PD
Date Inj'd : 7/17/2017 10:08 Instrument : VOA 101
Sample : WG1023276-3,31,10,10 Quant Date : 7/17/2017 10:31 am

Compound #91: 1,2,3-Trichloropropane



Original Peak Response = 30292

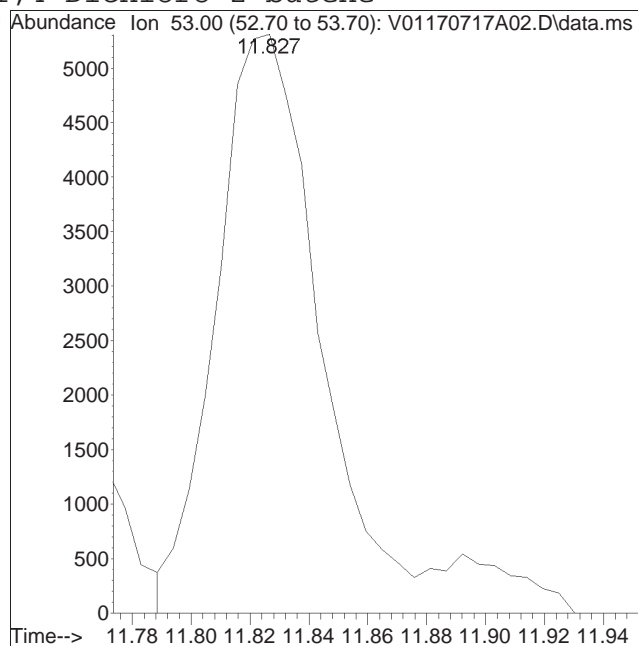
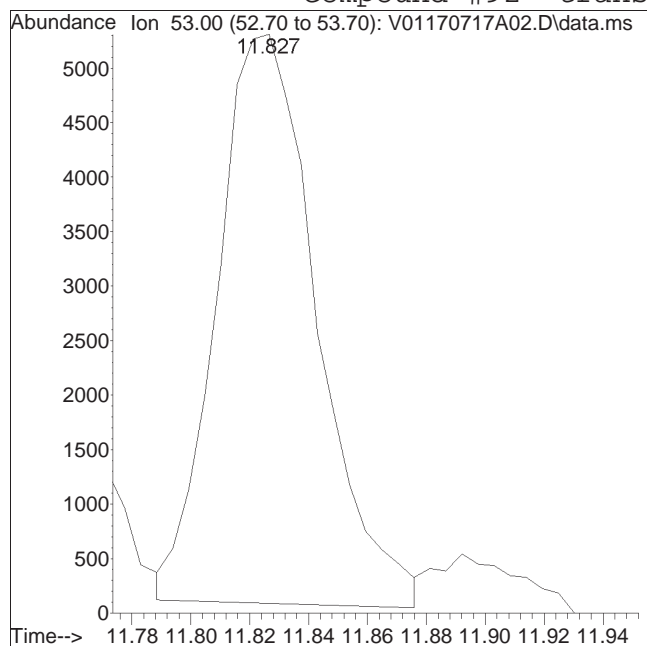
Manual Peak Response = 32925 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2017\1QMethod : V101_170629B_8260.m
Data File : V01170717A02.D Operator : VOA101:PD
Date Inj'd : 7/17/2017 10:08 Instrument : VOA 101
Sample : WG1023276-3,31,10,10 Quant Date : 7/17/2017 10:31 am

Compound #92: trans-1,4-Dichloro-2-butene



Original Peak Response = 12306

Manual Peak Response = 13833 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2017\170717N\
 Data File : V01170717N02.D
 Acq On : 17 Jul 2017 8:40 pm
 Operator : VOA101:PK
 Sample : WG1023473-3,31,10,10
 Misc : WG1023473,ICAL13786
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 17 22:10:54 2017
 Quant Method : I:\VOLATILES\VOA101\2017\170717N\V101_170629B_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Fri Jun 30 16:37:53 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2017\170717N\V01170717N02.D
 Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Fluorobenzene	5.950	96	281033	10.000	ug/L	0.00
Standard Area 1 = 281033			Recovery = 100.00%			
59) Chlorobenzene-d5	9.759	117	224158	10.000	ug/L	0.00
Standard Area 1 = 224158			Recovery = 100.00%			
79) 1,4-Dichlorobenzene-d4	12.667	152	118176	10.000	ug/L	0.00
Standard Area 1 = 118176			Recovery = 100.00%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.099	113	71269	10.950	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 109.50%			
43) 1,2-Dichloroethane-d4	5.650	65	83912	11.125	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 111.25%			
60) Toluene-d8	7.762	98	290476	9.688	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 96.88%			
83) 4-Bromofluorobenzene	11.352	95	112997	9.487	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 94.87%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.536	85	42196	8.882	ug/L	99
3) Chloromethane	1.716	50	64242	8.532	ug/L	99
4) Vinyl chloride	1.787	62	61023	8.835	ug/L	100
5) Bromomethane	2.081	94	19606	9.337	ug/L	99
6) Chloroethane	2.191	64	36970	9.436	ug/L	95
7) Trichlorofluoromethane	2.327	101	87318	10.678	ug/L	99
8) Ethyl ether	2.611	74	22027	9.978	ug/L	70
10) 1,1-Dichloroethene	2.802	96	45584	9.917	ug/L #	65
11) Carbon disulfide	2.834	76	128641	9.294	ug/L	100
15) Methylene chloride	3.353	84	52709	9.869	ug/L	78
17) Acetone	3.396	43	9119	11.074	ug/L	96
18) trans-1,2-Dichloroethene	3.511	96	54746	9.992	ug/L #	70
20) Methyl tert-butyl ether	3.598	73	116016	10.556	ug/L	92
23) 1,1-Dichloroethane	4.100	63	127425	9.819	ug/L	97
25) Acrylonitrile	4.155	53	12404	9.124	ug/L	94
27) Vinyl acetate	4.346	43	99095	9.380	ug/L	96
28) cis-1,2-Dichloroethene	4.641	96	61352	10.178	ug/L #	77
29) 2,2-Dichloropropane	4.739	77	93488	10.974	ug/L	97
30) Bromochloromethane	4.837	128	25134	11.355	ug/L	87
32) Chloroform	4.913	83	106530	10.624	ug/L	97

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2017\170717N\
 Data File : V01170717N02.D
 Acq On : 17 Jul 2017 8:40 pm
 Operator : VOA101:PK
 Sample : WG1023473-3,31,10,10
 Misc : WG1023473,ICAL13786
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 17 22:10:54 2017
 Quant Method : I:\VOLATILES\VOA101\2017\170717N\V101_170629B_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Fri Jun 30 16:37:53 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2017\170717N\V01170717N02.D
 Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Carbon tetrachloride	5.050	117	85799	11.132	ug/L	98
37) 1,1,1-Trichloroethane	5.115	97	101633	11.177	ug/L	94
39) 2-Butanone	5.224	43	12312M1	8.226	ug/L	
40) 1,1-Dichloropropene	5.246	75	85859	9.964	ug/L	99
41) Benzene	5.508	78	237359	9.712	ug/L #	91
44) 1,2-Dichloroethane	5.726	62	80528	11.374	ug/L	96
48) Trichloroethene	6.141	95	64397	10.442	ug/L	91
50) Dibromomethane	6.616	93	27024	11.056	ug/L	94
51) 1,2-Dichloropropane	6.719	63	69261	9.427	ug/L	97
54) Bromodichloromethane	6.801	83	77486	10.839	ug/L	98
57) 1,4-Dioxane	7.030	88	12466	531.052	ug/L #	80
58) cis-1,3-Dichloropropene	7.543	75	88137	10.449	ug/L	95
61) Toluene	7.822	92	155865	9.376	ug/L	96
62) 4-Methyl-2-pentanone	8.302	58	12093	8.285	ug/L	87
63) Tetrachloroethene	8.302	166	66567	10.365	ug/L	96
65) trans-1,3-Dichloropropene	8.356	75	70627	9.064	ug/L	97
68) 1,1,2-Trichloroethane	8.558	83	30702	9.142	ug/L	99
69) Chlorodibromomethane	8.776	129	45897	10.405	ug/L	96
70) 1,3-Dichloropropane	8.896	76	70206	9.489	ug/L	100
71) 1,2-Dibromoethane	9.082	107	35161	10.185	ug/L	99
72) 2-Hexanone	9.404	43	17029	7.593	ug/L	93
73) Chlorobenzene	9.780	112	177363	9.713	ug/L	98
74) Ethylbenzene	9.819	91	309247	9.427	ug/L	95
75) 1,1,1,2-Tetrachloroethane	9.873	131	58223	10.329	ug/L	98
76) p/m Xylene	10.021	106	251711	19.814	ug/L	85
77) o Xylene	10.593	106	230926	19.836	ug/L	85
78) Styrene	10.664	104	364008	19.839	ug/L	96
80) Bromoform	10.697	173	21845	9.581	ug/L	98
82) Isopropylbenzene	10.997	105	333666	9.197	ug/L	100
84) Bromobenzene	11.472	156	63083	9.539	ug/L	99
85) n-Propylbenzene	11.510	91	376607	8.800	ug/L	95
87) 1,1,2,2-Tetrachloroethane	11.614	83	35659	8.492	ug/L	99
88) 4-Ethyltoluene	11.647	105	311342	9.215	ug/L	99
89) 2-Chlorotoluene	11.696	91	224196M1	9.221	ug/L	
90) 1,3,5-Trimethylbenzene	11.756	105	262165	9.254	ug/L	96
91) 1,2,3-Trichloropropane	11.767	75	33082M1	9.130	ug/L	
92) trans-1,4-Dichloro-2-b...	11.821	53	10380	8.132	ug/L	84
93) 4-Chlorotoluene	11.898	91	223503	9.080	ug/L	92
94) tert-Butylbenzene	12.127	119	226981	9.383	ug/L	91

Quantitation Report (QT Reviewed)

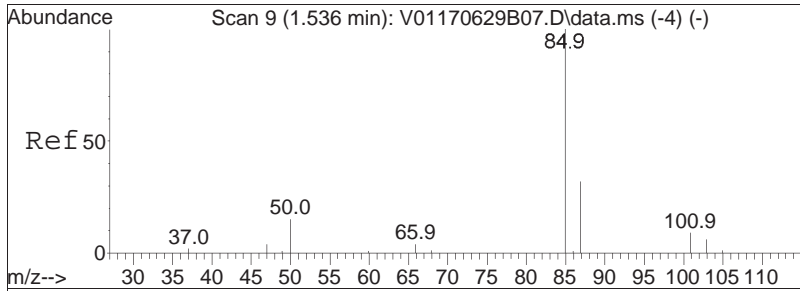
Data Path : I:\VOLATILES\VOA101\2017\170717N\
 Data File : V01170717N02.D
 Acq On : 17 Jul 2017 8:40 pm
 Operator : VOA101:PK
 Sample : WG1023473-3,31,10,10
 Misc : WG1023473,ICAL13786
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 17 22:10:54 2017
 Quant Method : I:\VOLATILES\VOA101\2017\170717N\V101_170629B_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Fri Jun 30 16:37:53 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2017\170717N\V01170717N02.D
 Sub List : 8260-Curve - Megamix plus Diox

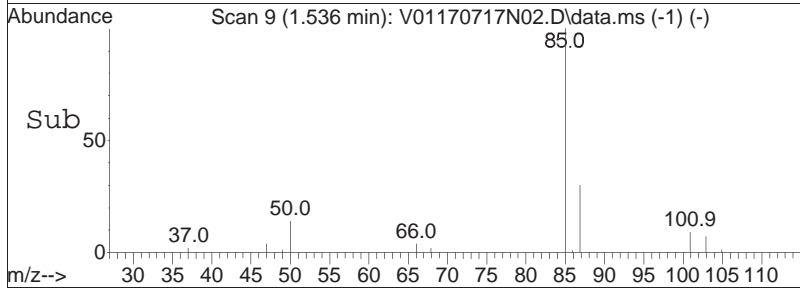
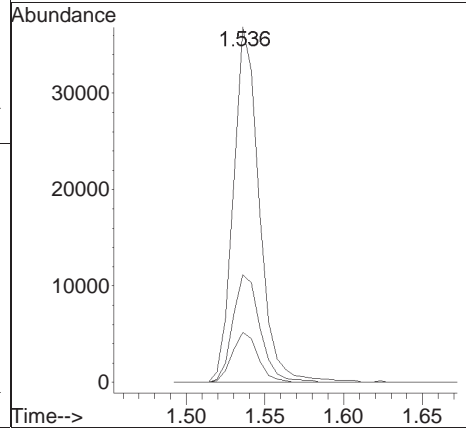
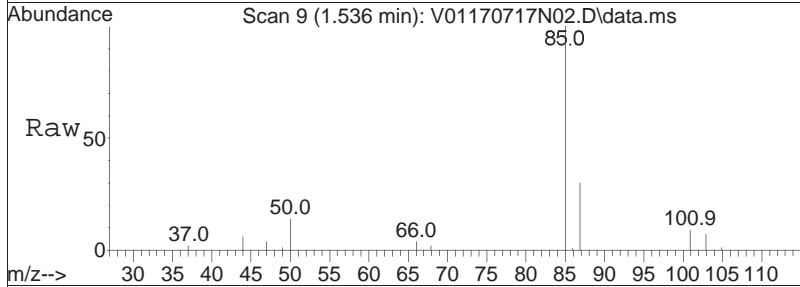
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97) 1,2,4-Trimethylbenzene	12.209	105	263063	9.374	ug/L	97
98) sec-Butylbenzene	12.329	105	307503	8.864	ug/L	98
99) p-Isopropyltoluene	12.498	119	266212	9.284	ug/L	96
100) 1,3-Dichlorobenzene	12.585	146	130792	9.617	ug/L	98
101) 1,4-Dichlorobenzene	12.689	146	131555	9.481	ug/L	98
102) p-Diethylbenzene	12.907	119	148376	9.375	ug/L	96
103) n-Butylbenzene	12.978	91	217852	8.728	ug/L	97
104) 1,2-Dichlorobenzene	13.158	146	107483	9.525	ug/L	98
105) 1,2,4,5-Tetramethylben...	13.791	119	189330	9.489	ug/L	95
106) 1,2-Dibromo-3-chloropr...	14.025	155	3400	8.420	ug/L	98
108) Hexachlorobutadiene	14.686	225	19934	9.629	ug/L	97
109) 1,2,4-Trichlorobenzene	14.729	180	36977	8.959	ug/L	99
110) Naphthalene	15.062	128	49032	8.300	ug/L	100
111) 1,2,3-Trichlorobenzene	15.253	180	16688	8.610	ug/L	98

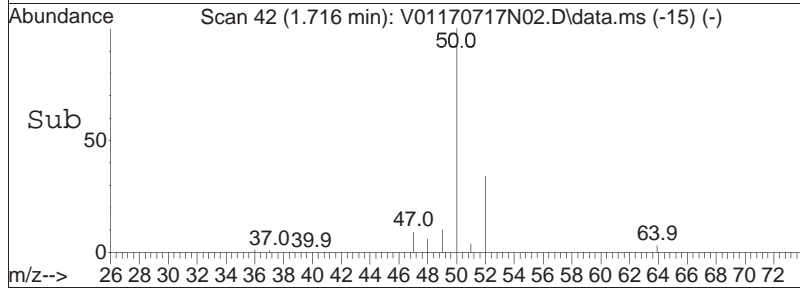
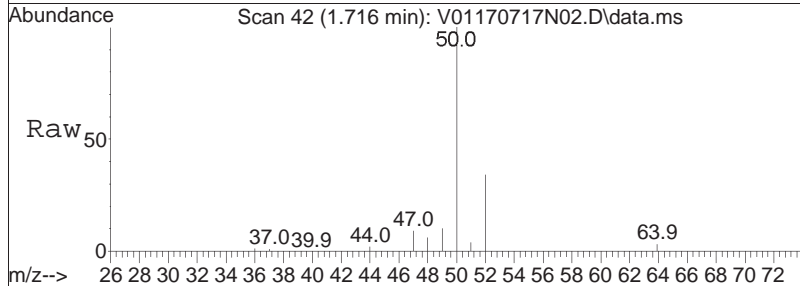
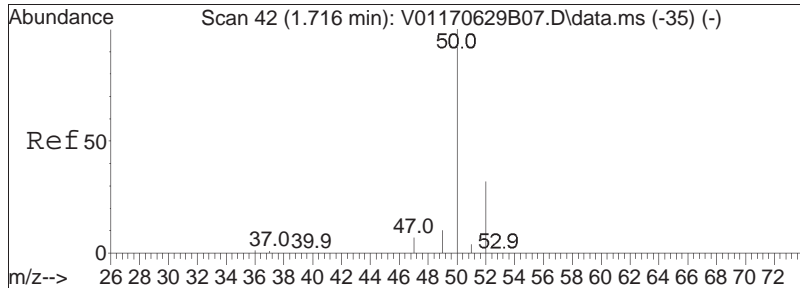
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 8.88 ug/L
 RT: 1.536 min Scan# 9
 Delta R.T. -0.000 min
 Lab File: V01170717N02.D
 Acq: 17 Jul 2017 8:40 pm

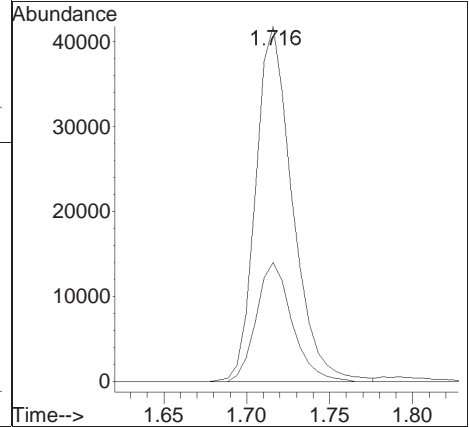
Tgt Ion	Resp	Lower	Upper
85	42196		
85	100		
87	32.0	20.7	43.1
50	14.1	8.3	17.1

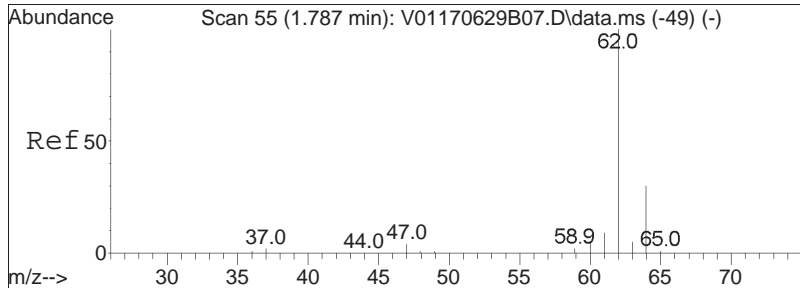




#3
 Chloromethane
 Concen: 8.53 ug/L
 RT: 1.716 min Scan# 42
 Delta R.T. -0.000 min
 Lab File: V01170717N02.D
 Acq: 17 Jul 2017 8:40 pm

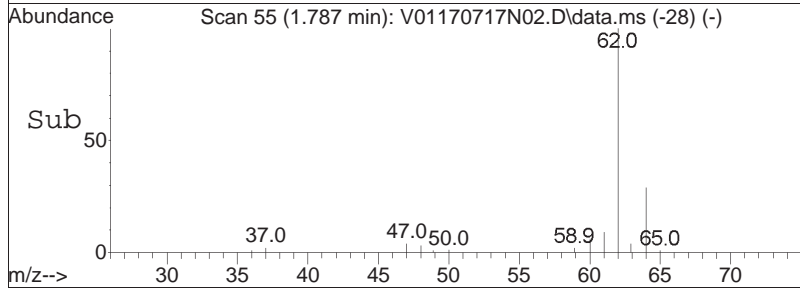
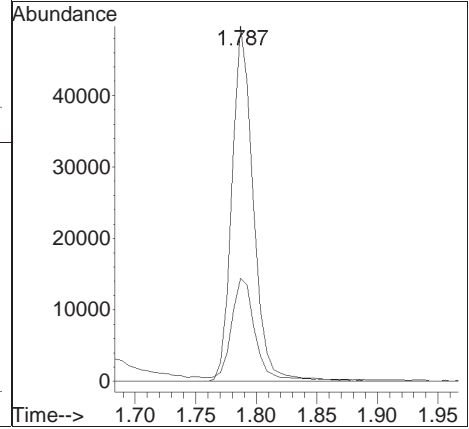
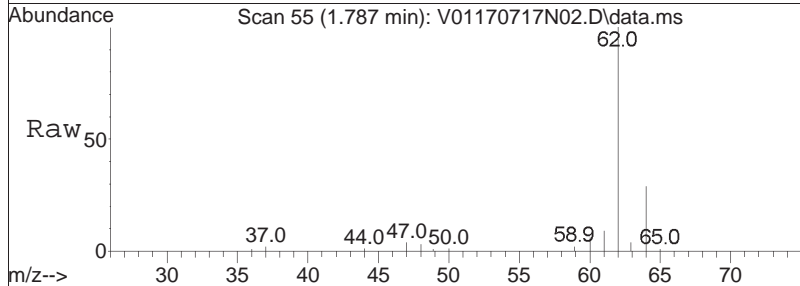
Tgt Ion:	Resp:		
Ion	Ratio	Lower	Upper
50	100		
52	32.5	13.3	53.3

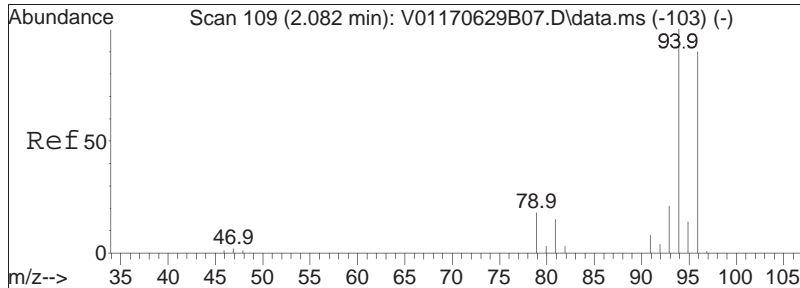




#4
 Vinyl chloride
 Concen: 8.84 ug/L
 RT: 1.787 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: V01170717N02.D
 Acq: 17 Jul 2017 8:40 pm

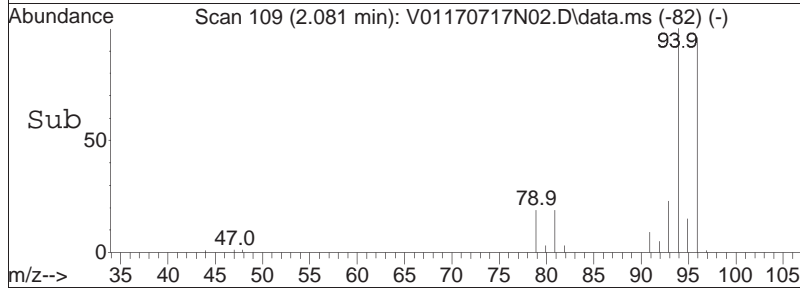
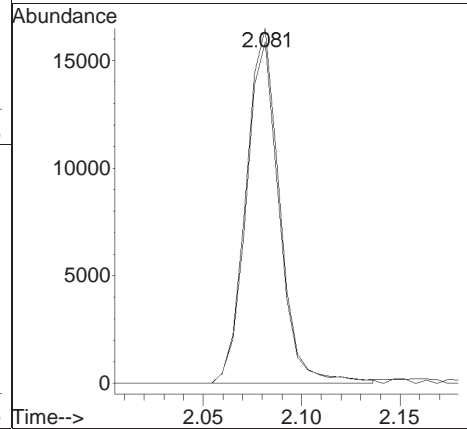
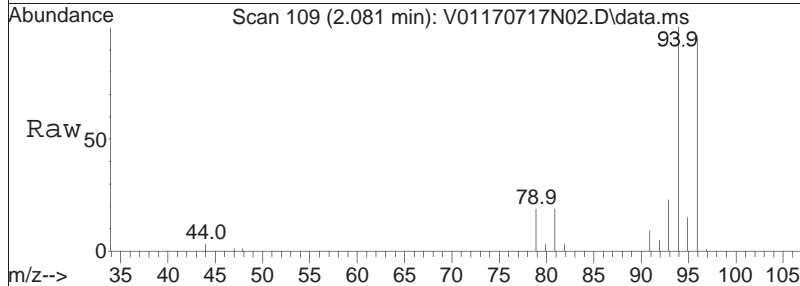
Tgt Ion:	Resp:	Lower	Upper
62	100		
64	32.4	12.3	52.3

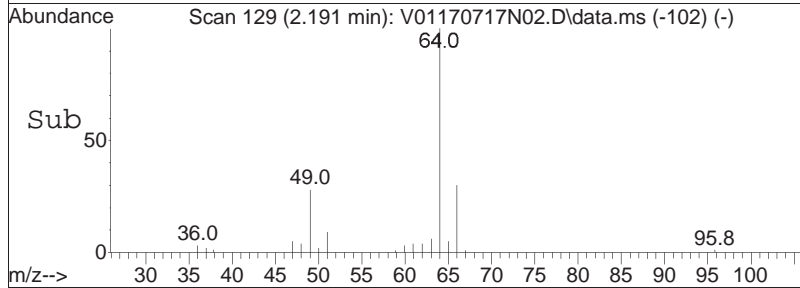
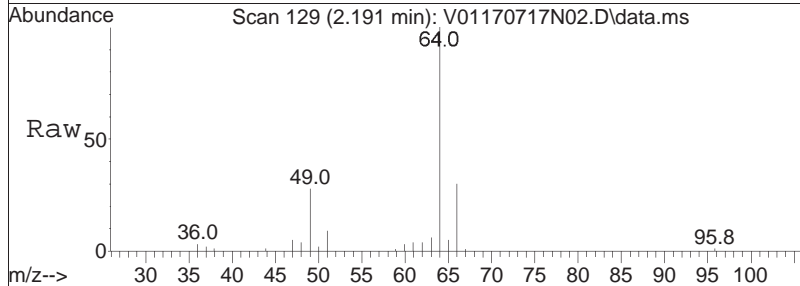
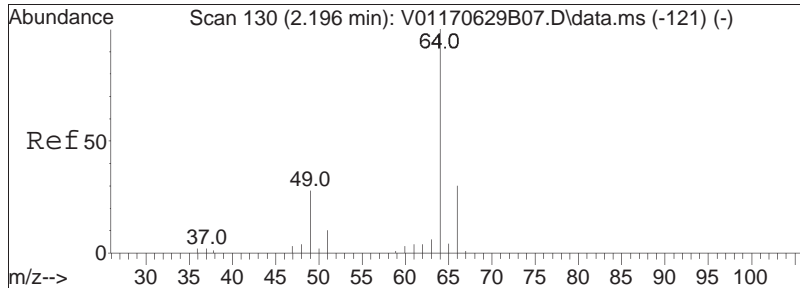




#5
 Bromomethane
 Concen: 9.34 ug/L
 RT: 2.081 min Scan# 109
 Delta R.T. -0.001 min
 Lab File: V01170717N02.D
 Acq: 17 Jul 2017 8:40 pm

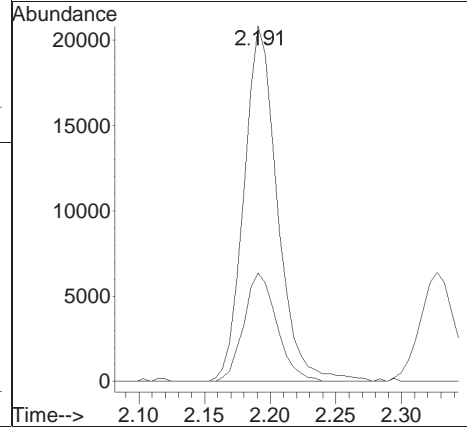
Tgt Ion	Resp	Lower	Upper
94	19606		
94	100		
96	94.2	73.0	113.0

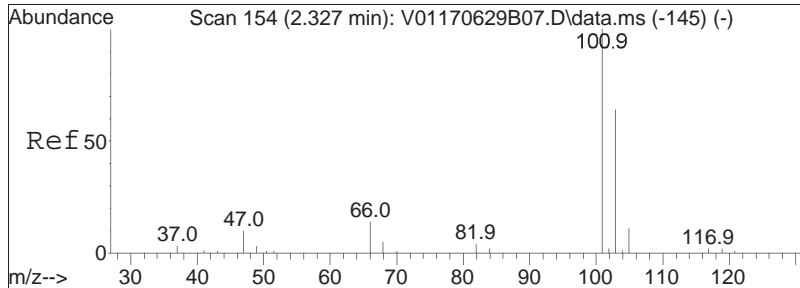




#6
 Chloroethane
 Concen: 9.44 ug/L
 RT: 2.191 min Scan# 129
 Delta R.T. -0.005 min
 Lab File: V01170717N02.D
 Acq: 17 Jul 2017 8:40 pm

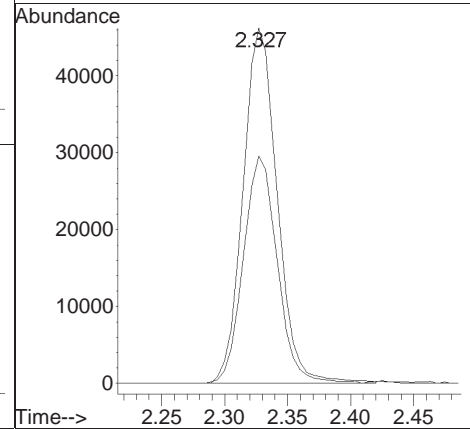
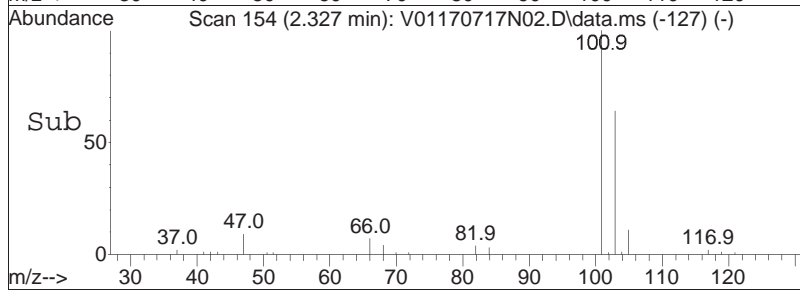
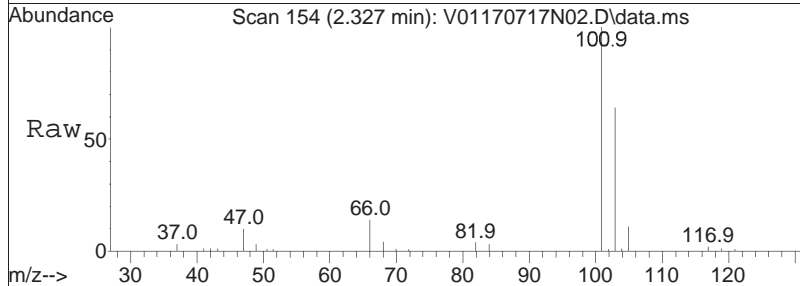
Tgt Ion:	64	Resp:	36970
Ion Ratio	100	Lower	Upper
66	30.0	13.0	53.0

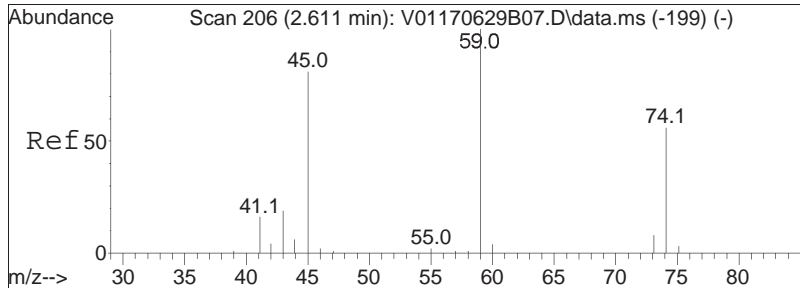




#7
 Trichlorofluoromethane
 Concen: 10.68 ug/L
 RT: 2.327 min Scan# 154
 Delta R.T. 0.000 min
 Lab File: V01170717N02.D
 Acq: 17 Jul 2017 8:40 pm

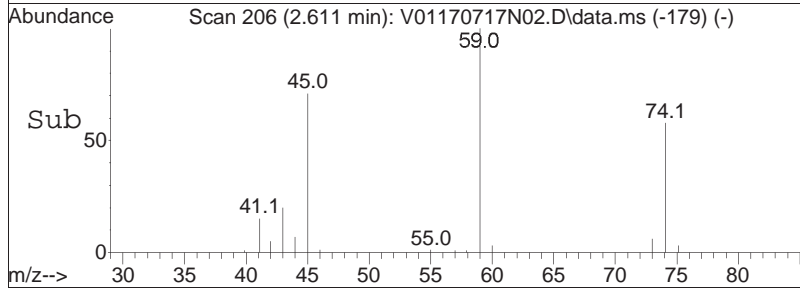
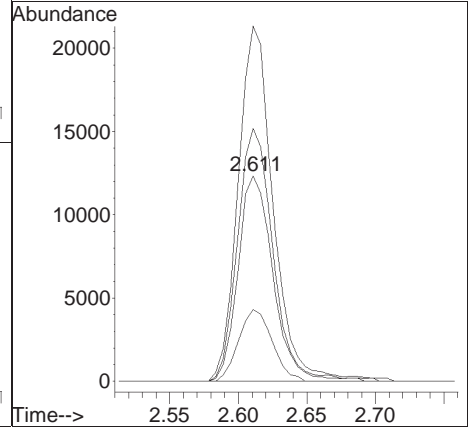
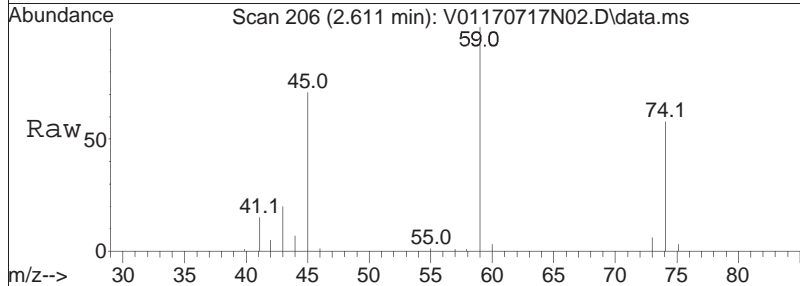
Tgt Ion	Ratio	Lower	Upper
101	100		
103	63.6	51.8	77.6

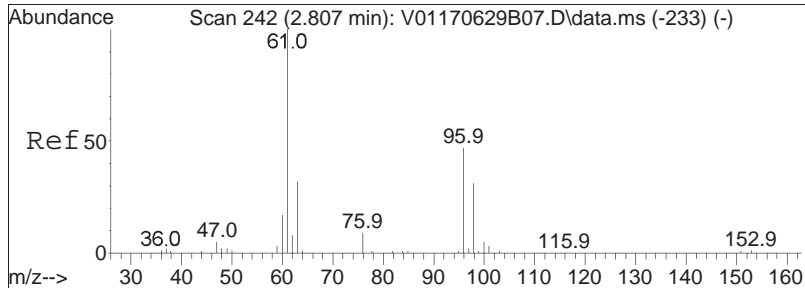




#8
 Ethyl ether
 Concen: 9.98 ug/L
 RT: 2.611 min Scan# 206
 Delta R.T. -0.000 min
 Lab File: V01170717N02.D
 Acq: 17 Jul 2017 8:40 pm

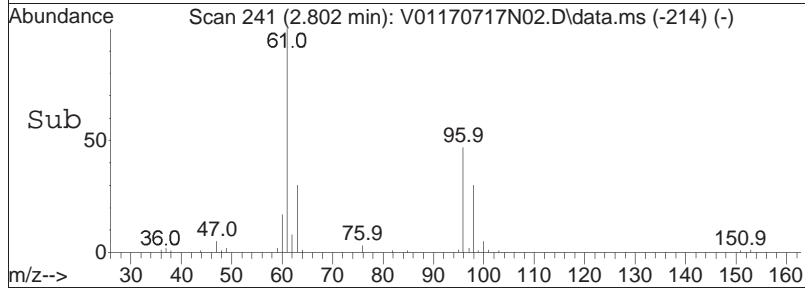
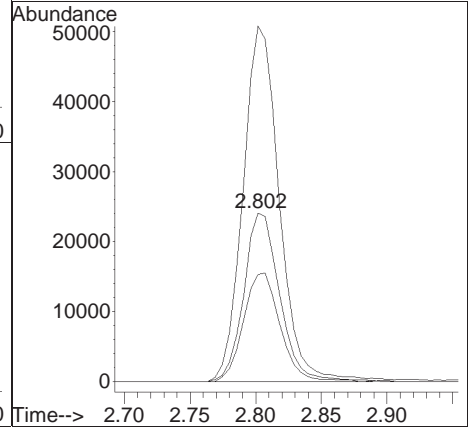
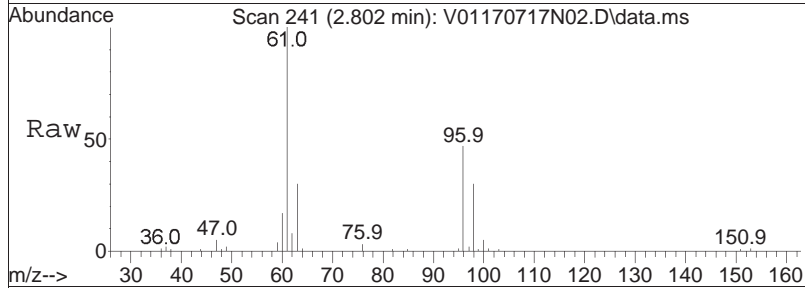
Tgt Ion	Resp	Lower	Upper
74	100		
59	173.3	84.2	175.0
45	124.6	63.8	132.6
43	33.4	19.5	40.5

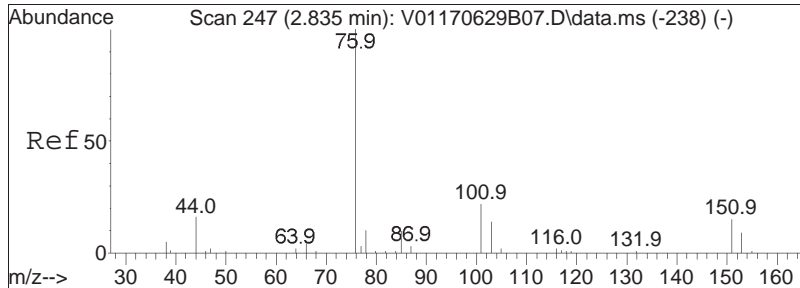




#10
 1,1-Dichloroethene
 Concen: 9.92 ug/L
 RT: 2.802 min Scan# 241
 Delta R.T. -0.005 min
 Lab File: V01170717N02.D
 Acq: 17 Jul 2017 8:40 pm

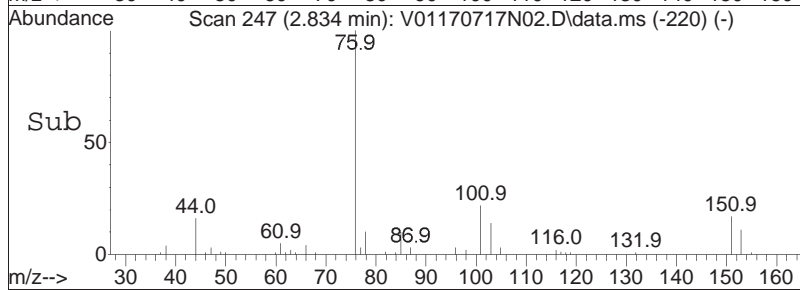
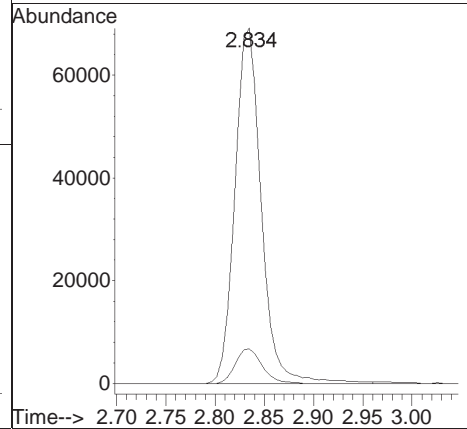
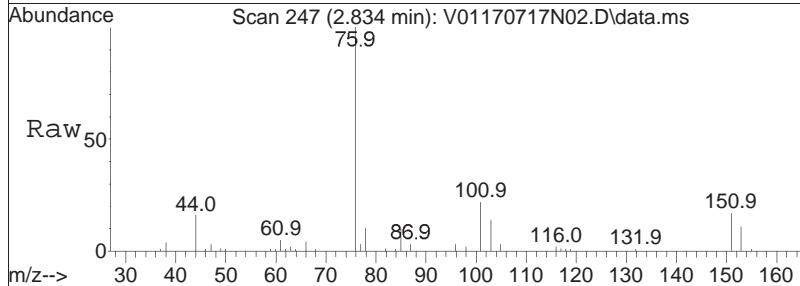
Tgt Ion	Resp	Lower	Upper
96	100		
61	214.7	129.4	194.2#
63	65.7	41.4	62.2#

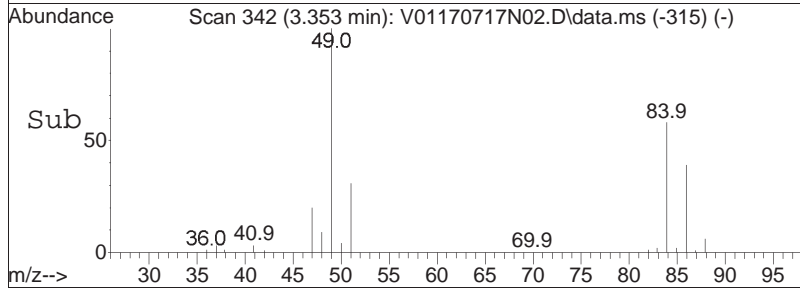
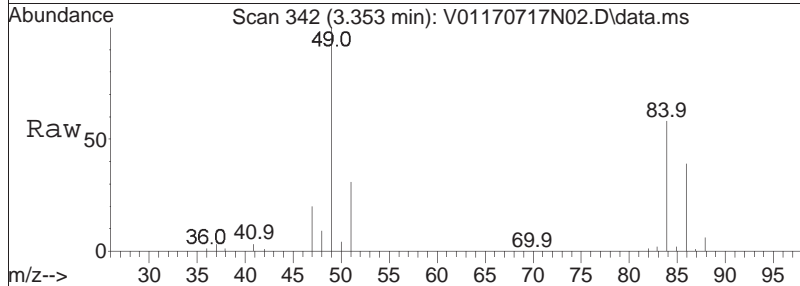
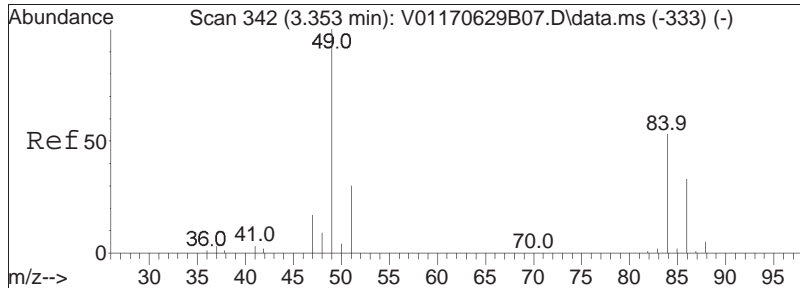




#11
 Carbon disulfide
 Concen: 9.29 ug/L
 RT: 2.834 min Scan# 247
 Delta R.T. -0.001 min
 Lab File: V01170717N02.D
 Acq: 17 Jul 2017 8:40 pm

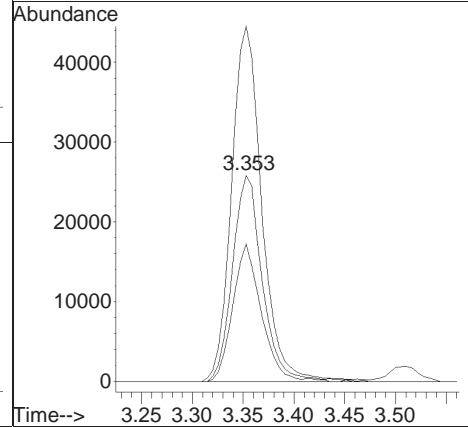
Tgt Ion: 76 Resp: 128641
 Ion Ratio Lower Upper
 76 100
 78 9.9 6.3 13.1

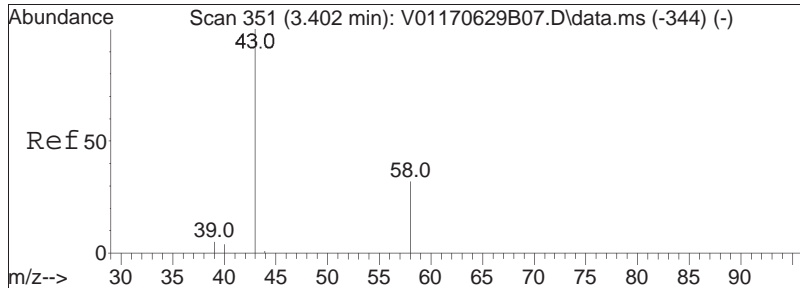




#15
 Methylene chloride
 Concen: 9.87 ug/L
 RT: 3.353 min Scan# 342
 Delta R.T. -0.000 min
 Lab File: V01170717N02.D
 Acq: 17 Jul 2017 8:40 pm

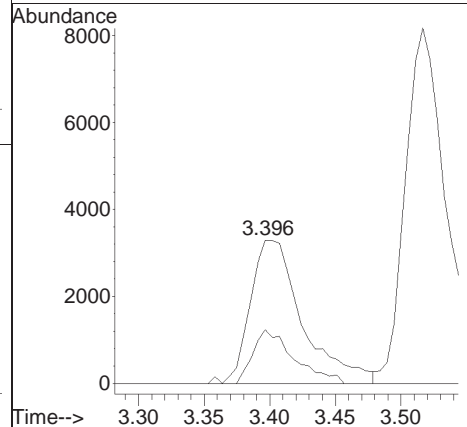
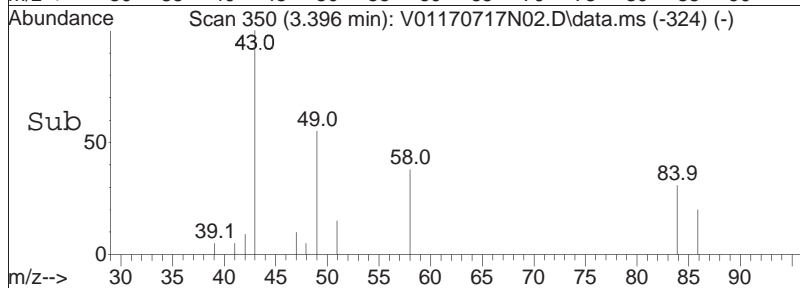
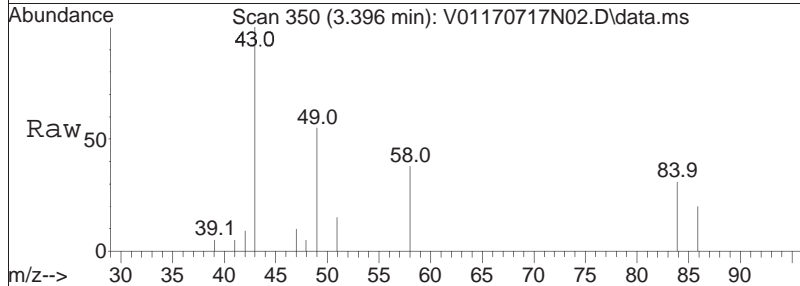
Tgt Ion	Resp	Lower	Upper
84	52709		
86	63.7	41.0	85.2
49	174.6	88.5	183.9

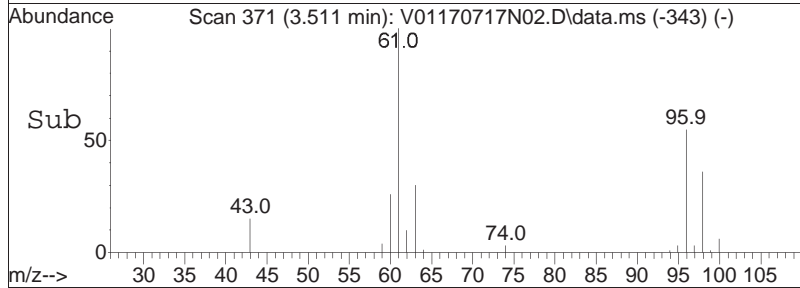
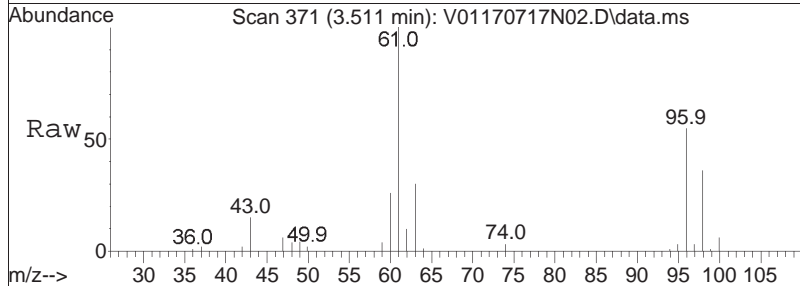
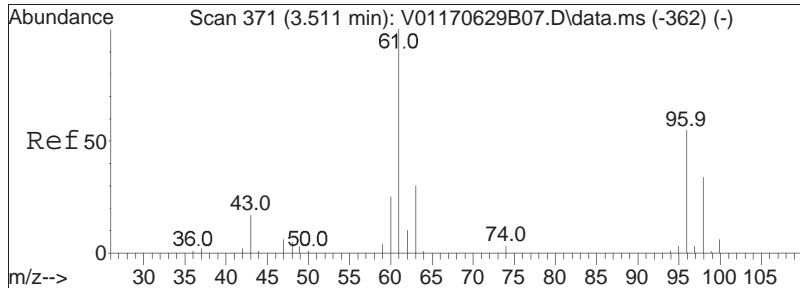




#17
 Acetone
 Concen: 11.07 ug/L
 RT: 3.396 min Scan# 350
 Delta R.T. -0.006 min
 Lab File: V01170717N02.D
 Acq: 17 Jul 2017 8:40 pm

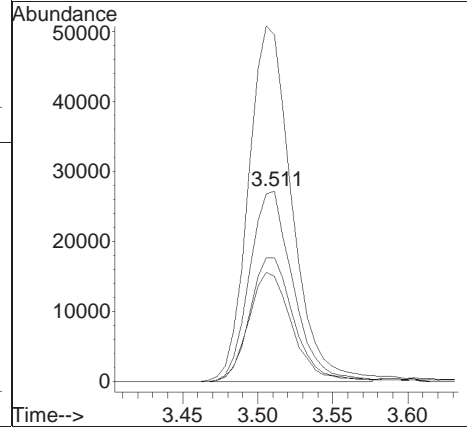
Tgt Ion	Resp	Lower	Upper
43	100		
58	29.4	21.8	32.6

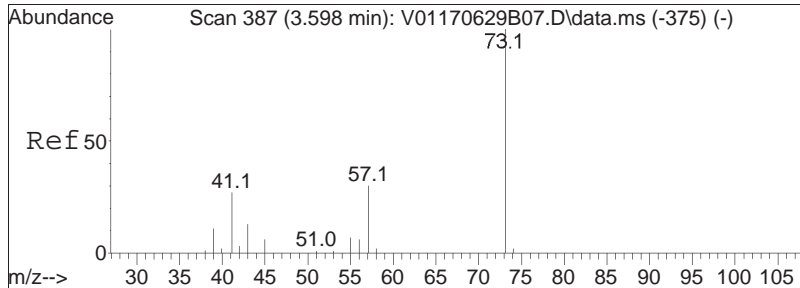




#18
 trans-1,2-Dichloroethene
 Concen: 9.99 ug/L
 RT: 3.511 min Scan# 371
 Delta R.T. 0.000 min
 Lab File: V01170717N02.D
 Acq: 17 Jul 2017 8:40 pm

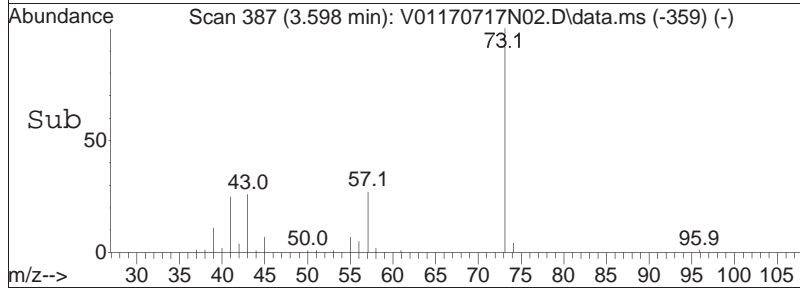
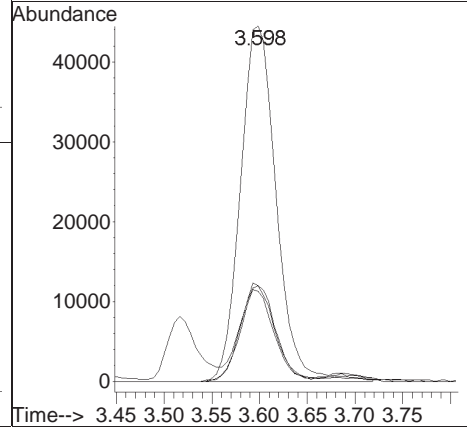
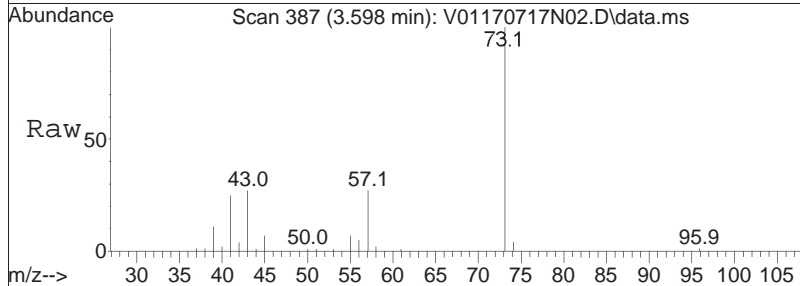
Tgt Ion	Resp	Lower	Upper
96	54746		
96	100		
61	189.1	88.2	183.2#
98	66.4	40.8	84.6
63	58.0	28.4	59.0

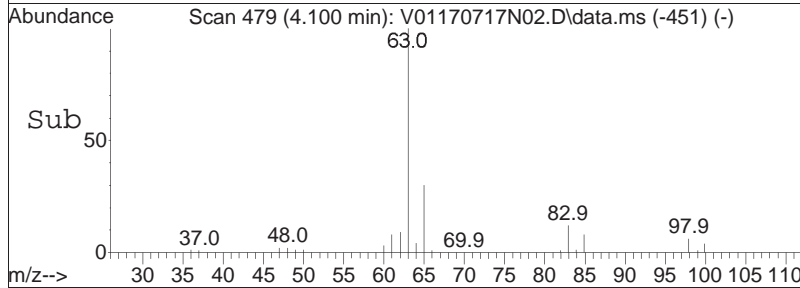
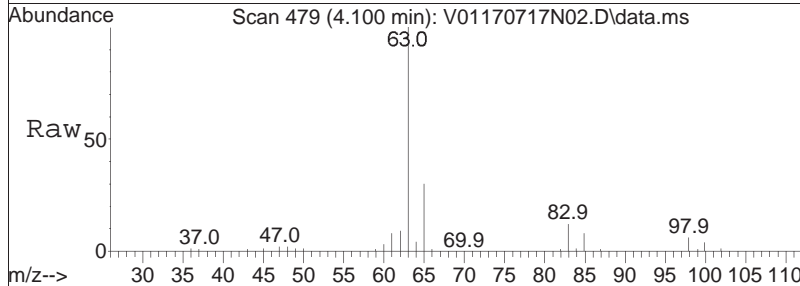
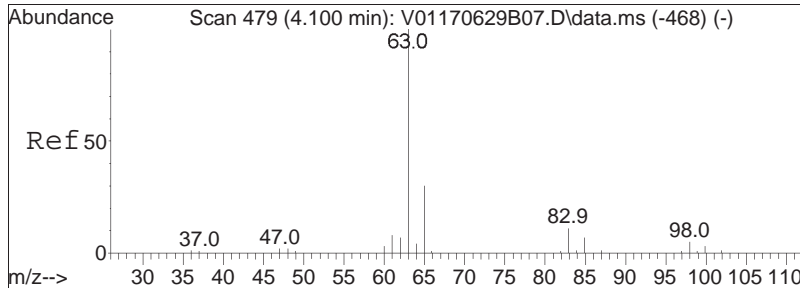




#20
 Methyl tert-butyl ether
 Concen: 10.56 ug/L
 RT: 3.598 min Scan# 387
 Delta R.T. 0.000 min
 Lab File: V01170717N02.D
 Acq: 17 Jul 2017 8:40 pm

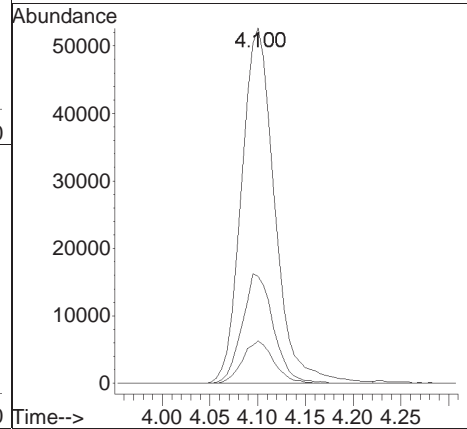
Tgt Ion	Resp	Lower	Upper
73	116016		
57	27.0	13.8	28.8
43	25.6	14.8	30.8
41	24.7	13.8	28.6

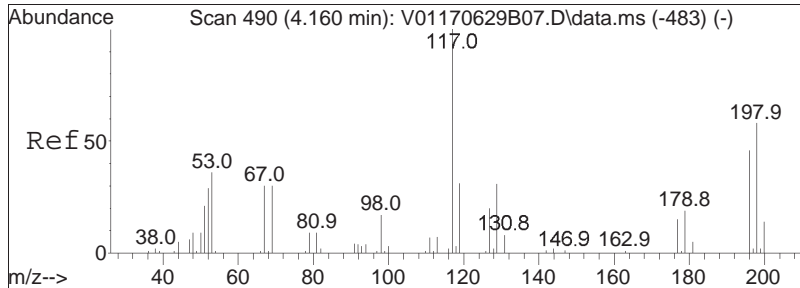




#23
 1,1-Dichloroethane
 Concen: 9.82 ug/L
 RT: 4.100 min Scan# 479
 Delta R.T. 0.000 min
 Lab File: V01170717N02.D
 Acq: 17 Jul 2017 8:40 pm

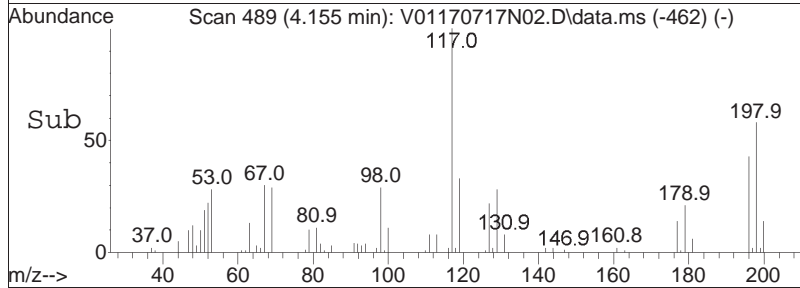
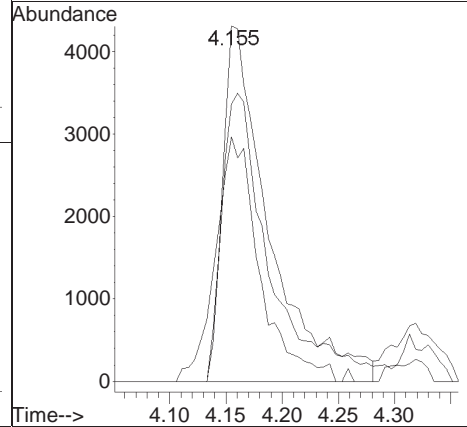
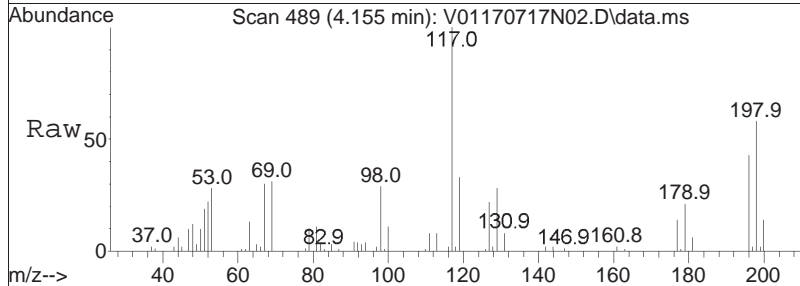
Tgt Ion:	Resp:		
Ion	Ratio	Lower	Upper
63	100		
65	29.0	10.5	50.5
83	11.3	0.0	33.2

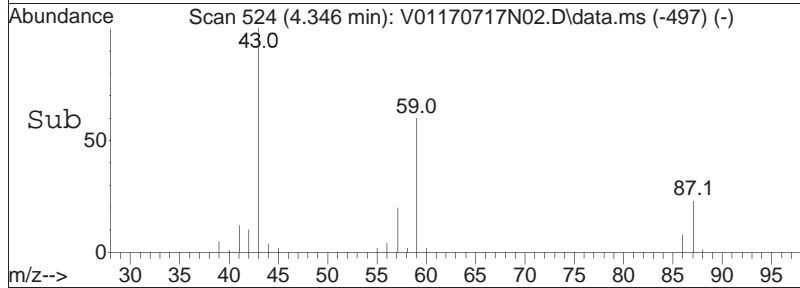
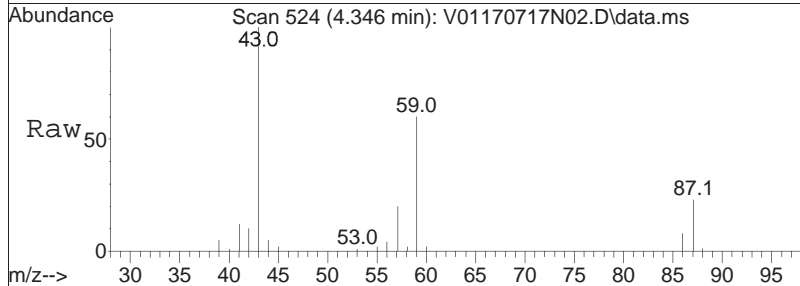
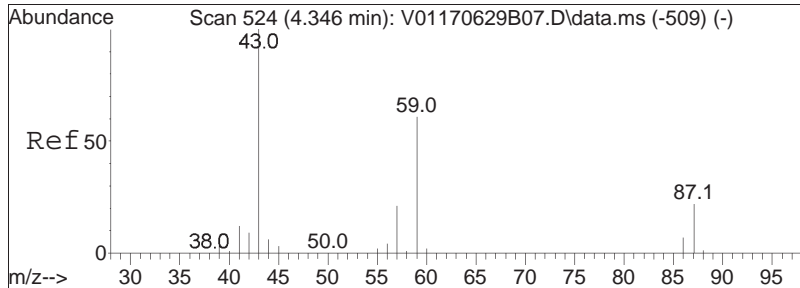




#25
 Acrylonitrile
 Concen: 9.12 ug/L
 RT: 4.155 min Scan# 489
 Delta R.T. -0.005 min
 Lab File: V01170717N02.D
 Acq: 17 Jul 2017 8:40 pm

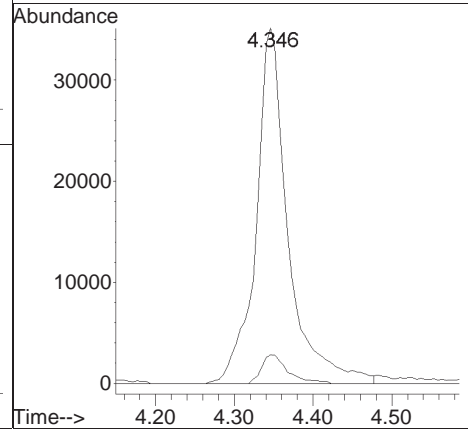
Tgt Ion:	Resp:		
Ion	Ratio	Lower	Upper
53	100		
52	82.2	63.4	95.0
51	65.7	58.7	88.1

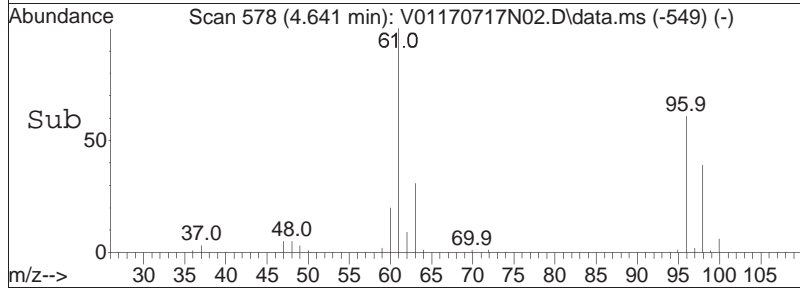
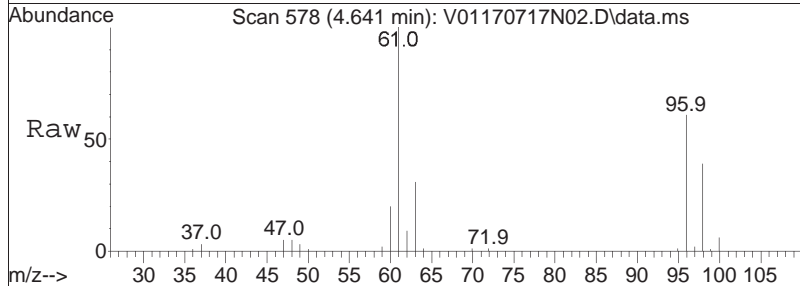
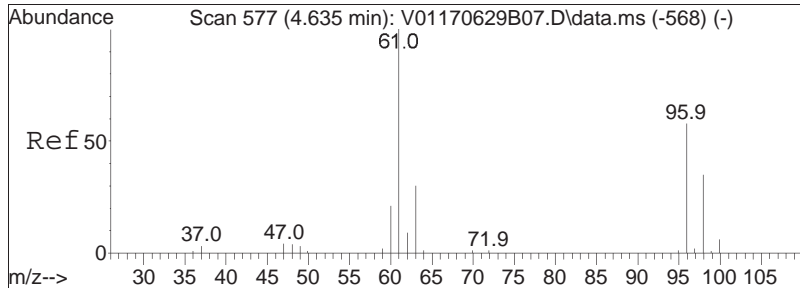




#27
 Vinyl acetate
 Concen: 9.38 ug/L
 RT: 4.346 min Scan# 524
 Delta R.T. -0.000 min
 Lab File: V01170717N02.D
 Acq: 17 Jul 2017 8:40 pm

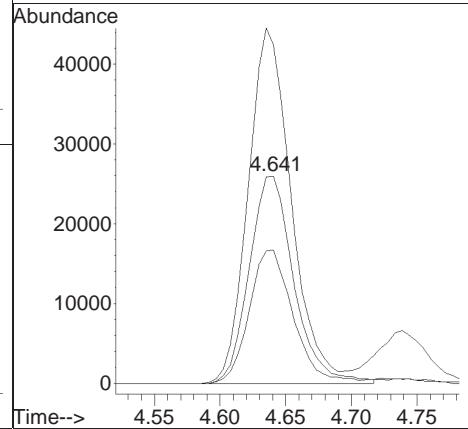
Tgt Ion	Resp	Lower	Upper
43	100		
86	6.6	6.6	9.8

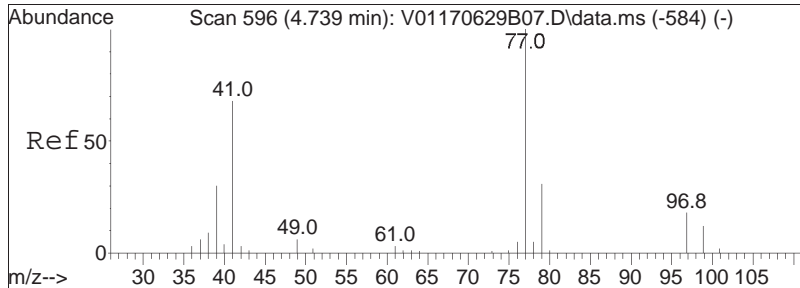




#28
 cis-1,2-Dichloroethene
 Concen: 10.18 ug/L
 RT: 4.641 min Scan# 578
 Delta R.T. 0.006 min
 Lab File: V01170717N02.D
 Acq: 17 Jul 2017 8:40 pm

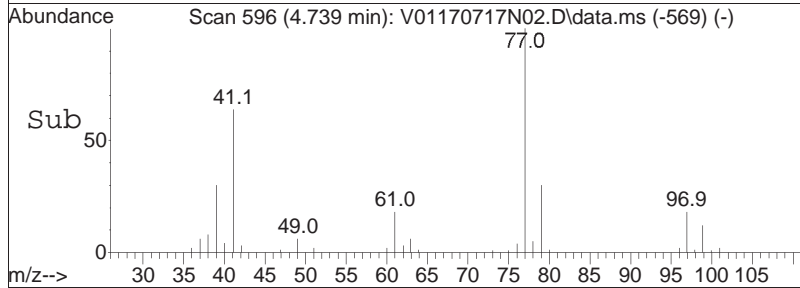
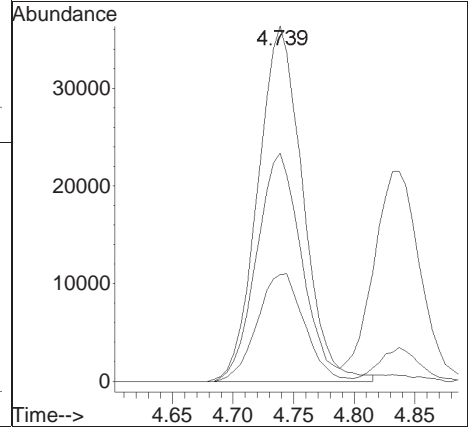
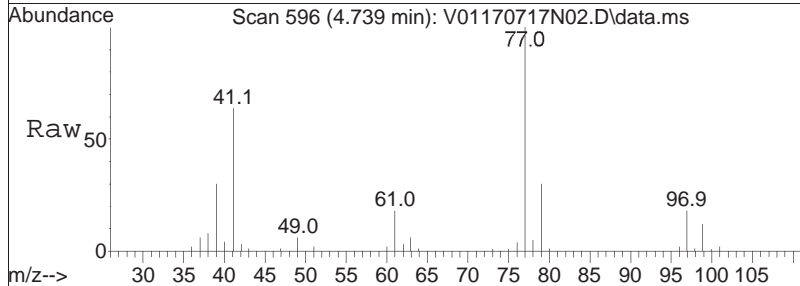
Tgt Ion:	Resp:		
Ion Ratio	Lower	Upper	
96	100		
61	165.1	101.4	152.0#
98	63.2	50.2	75.4

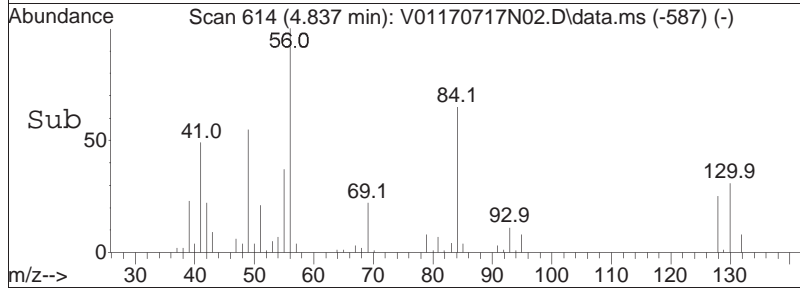
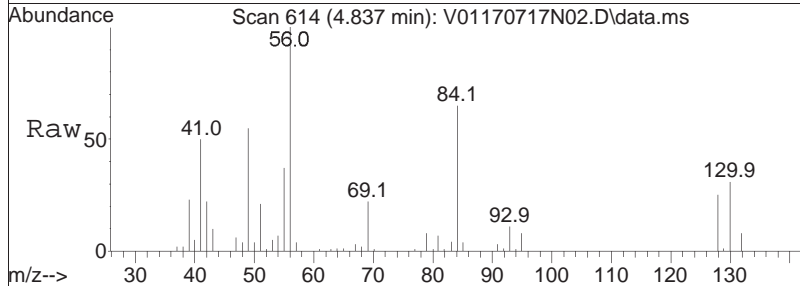
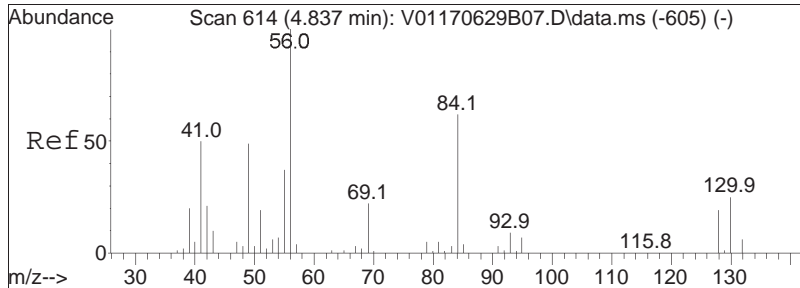




#29
 2,2-Dichloropropane
 Concen: 10.97 ug/L
 RT: 4.739 min Scan# 596
 Delta R.T. -0.000 min
 Lab File: V01170717N02.D
 Acq: 17 Jul 2017 8:40 pm

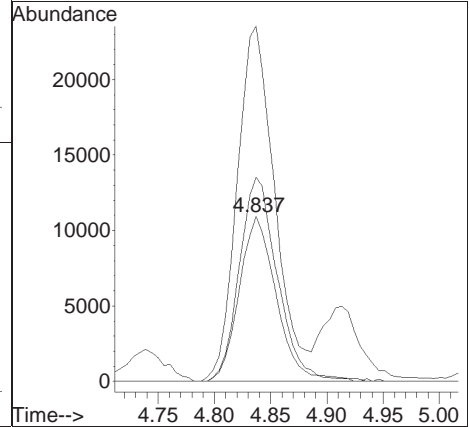
Tgt Ion	Resp	Lower	Upper
77	100		
41	64.5	39.6	82.3
79	31.9	20.8	43.2

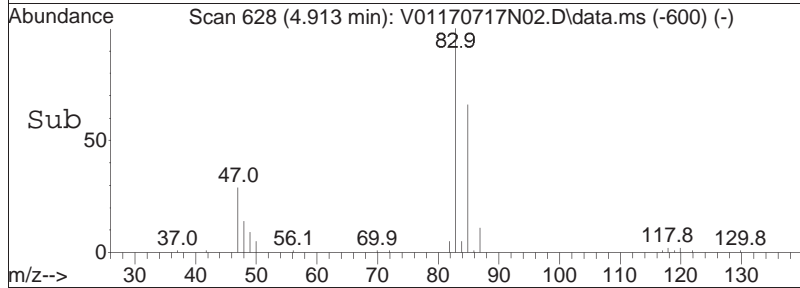
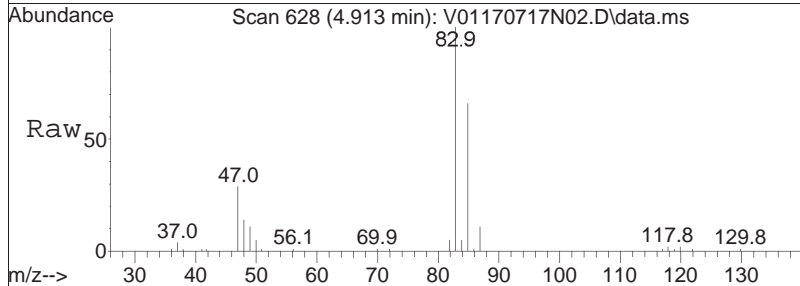
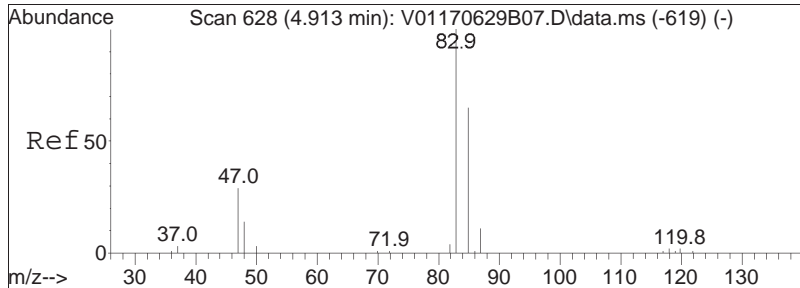




#30
 Bromochloromethane
 Concen: 11.36 ug/L
 RT: 4.837 min Scan# 614
 Delta R.T. -0.000 min
 Lab File: V01170717N02.D
 Acq: 17 Jul 2017 8:40 pm

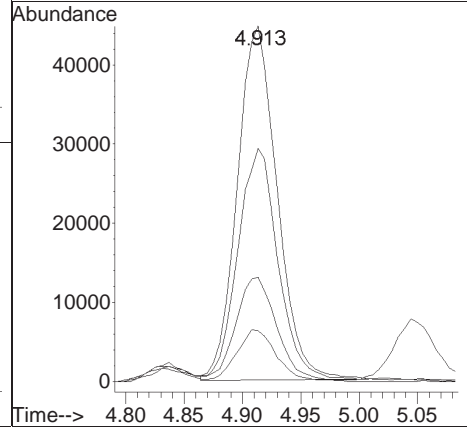
Tgt Ion	Resp	Lower	Upper
128	25134		
128	100		
49	218.4	152.2	228.2
130	126.8	105.8	158.6

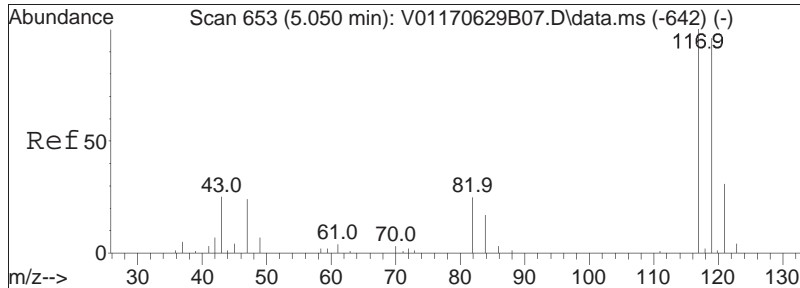




#32
 Chloroform
 Concen: 10.62 ug/L
 RT: 4.913 min Scan# 628
 Delta R.T. 0.000 min
 Lab File: V01170717N02.D
 Acq: 17 Jul 2017 8:40 pm

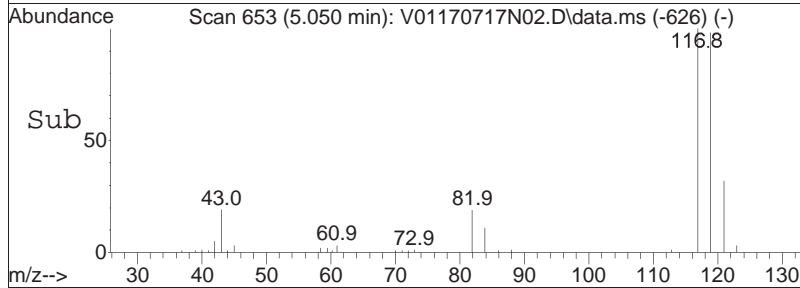
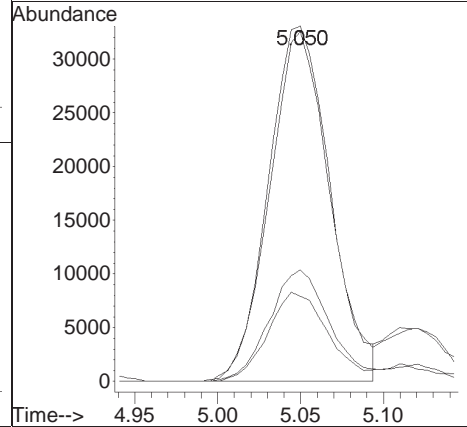
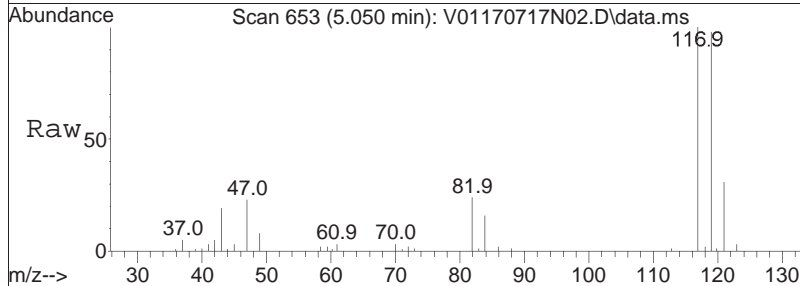
Tgt Ion:	83	Resp:	106530
Ion Ratio	Lower	Upper	
83	100		
85	66.4	42.0	87.2
47	29.6	17.6	36.6
48	14.6	9.4	19.4

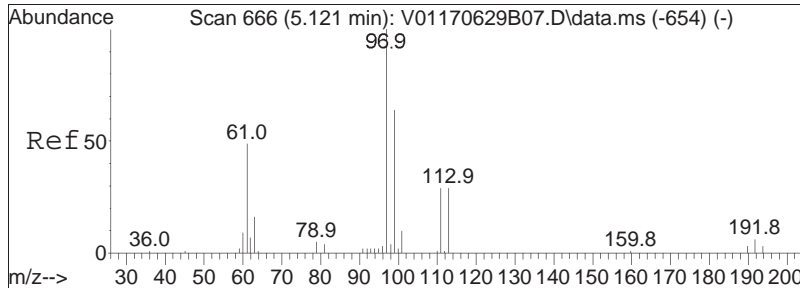




#34
 Carbon tetrachloride
 Concen: 11.13 ug/L
 RT: 5.050 min Scan# 653
 Delta R.T. -0.000 min
 Lab File: V01170717N02.D
 Acq: 17 Jul 2017 8:40 pm

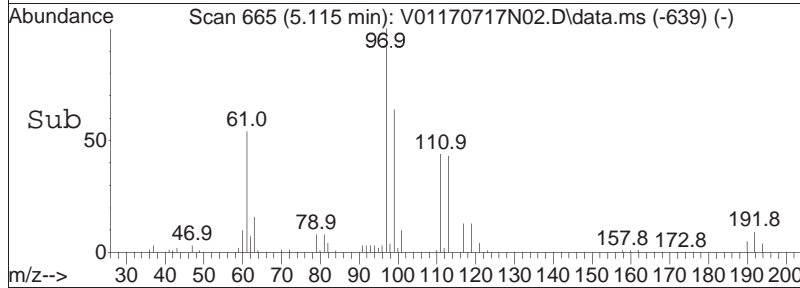
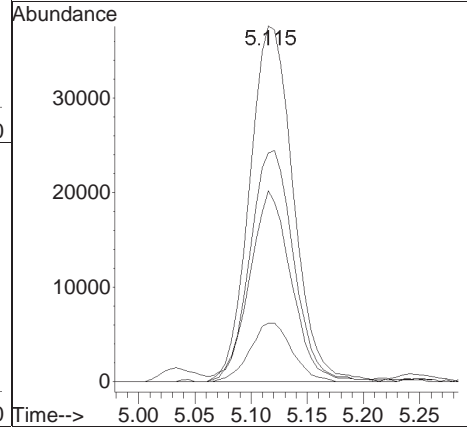
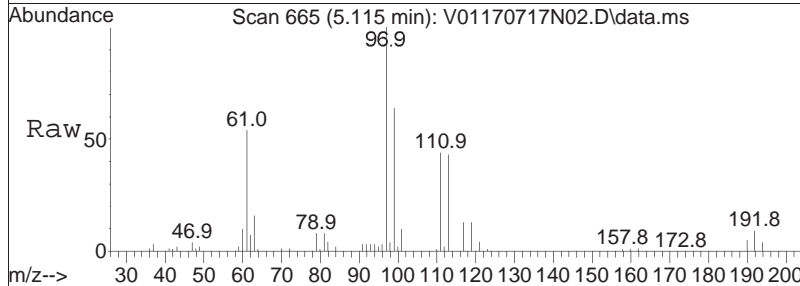
Tgt Ion	Resp	Lower	Upper
117	100		
119	95.7	62.5	129.9
121	31.1	19.9	41.3
82	24.8	18.2	37.8

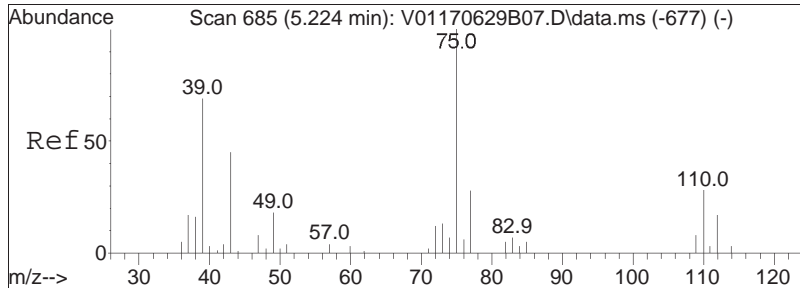




#37
 1,1,1-Trichloroethane
 Concen: 11.18 ug/L
 RT: 5.115 min Scan# 665
 Delta R.T. -0.006 min
 Lab File: V01170717N02.D
 Acq: 17 Jul 2017 8:40 pm

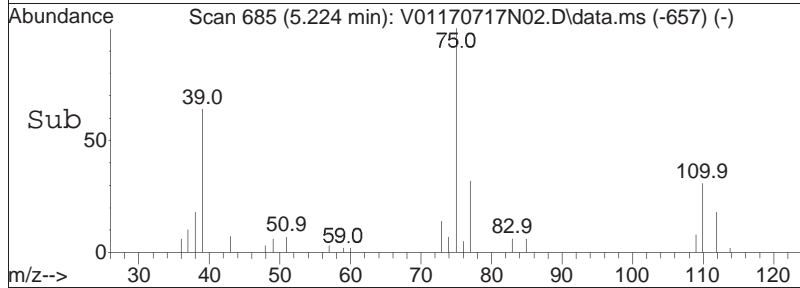
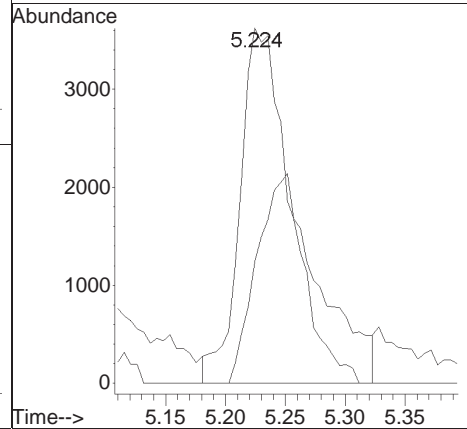
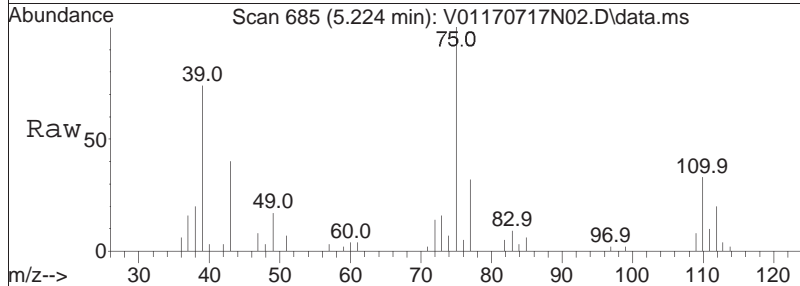
Tgt Ion	Resp	Lower	Upper
97	101633		
99	64.9	40.8	84.8
61	50.1	28.0	58.2
63	15.8	9.4	19.4

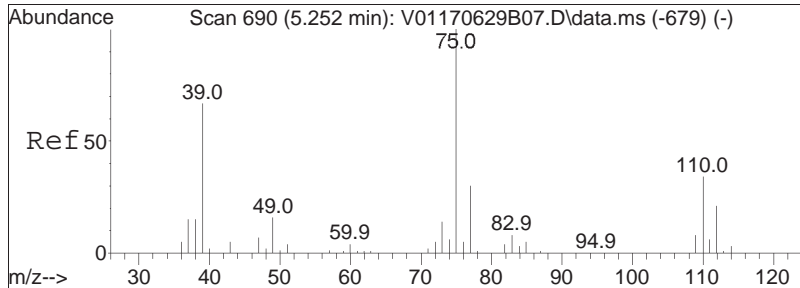




#39
 2-Butanone
 Concen: 8.23 ug/L M1
 RT: 5.224 min Scan# 685
 Delta R.T. 0.000 min
 Lab File: V01170717N02.D
 Acq: 17 Jul 2017 8:40 pm

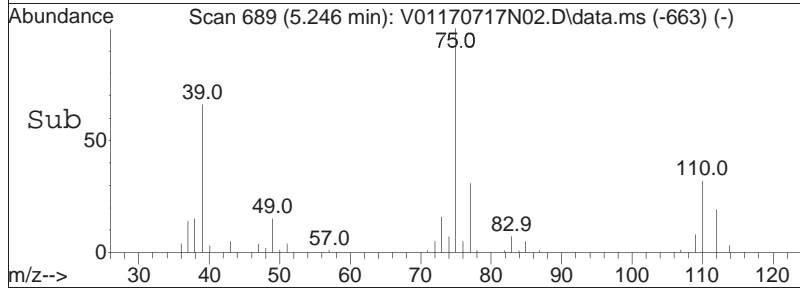
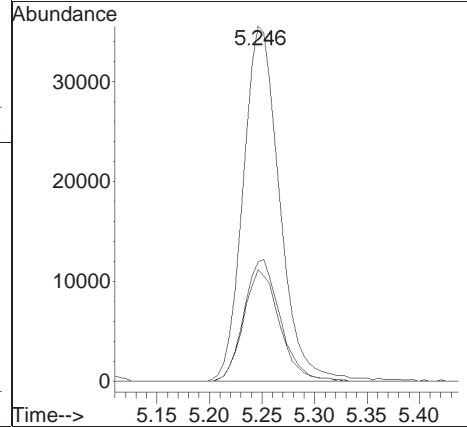
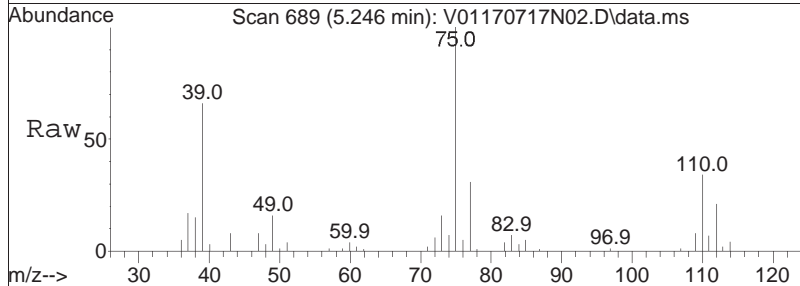
Tgt Ion: 43 Resp: 12312
 Ion Ratio Lower Upper
 43 100
 72 49.0 39.5 59.3

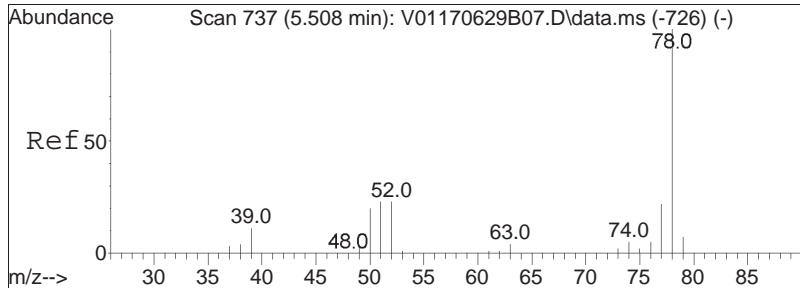




#40
 1,1-Dichloropropene
 Concen: 9.96 ug/L
 RT: 5.246 min Scan# 689
 Delta R.T. -0.006 min
 Lab File: V01170717N02.D
 Acq: 17 Jul 2017 8:40 pm

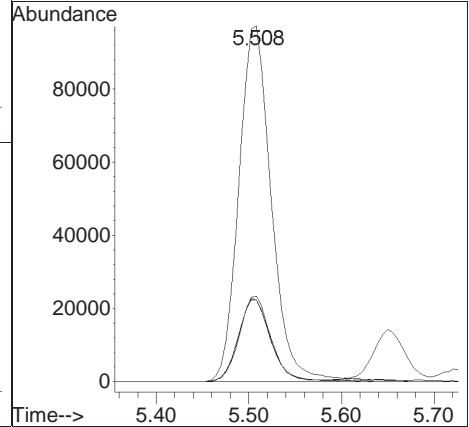
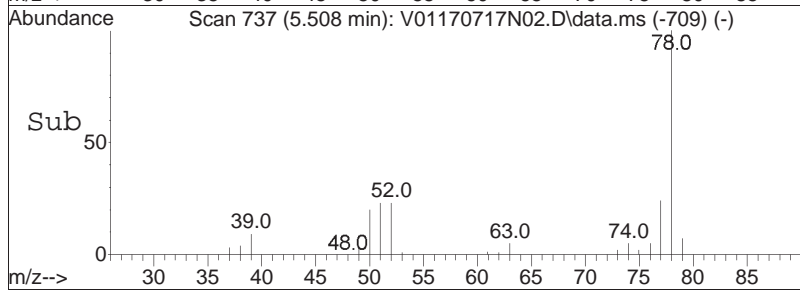
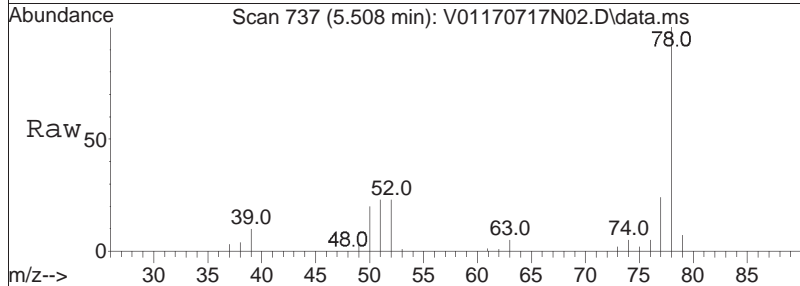
Tgt Ion	Resp	Lower	Upper
75	100		
110	34.3	21.8	45.4
77	31.1	20.0	41.4

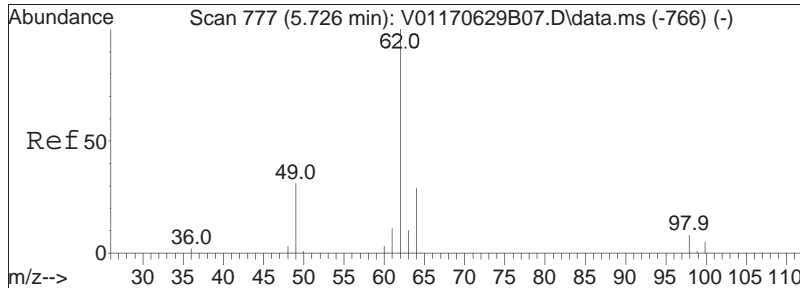




#41
Benzene
Concen: 9.71 ug/L
RT: 5.508 min Scan# 737
Delta R.T. 0.000 min
Lab File: V01170717N02.D
Acq: 17 Jul 2017 8:40 pm

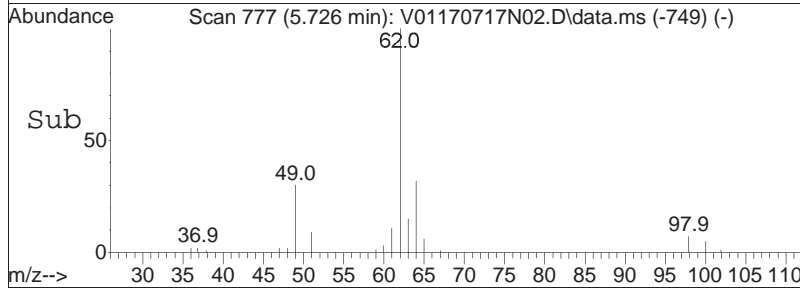
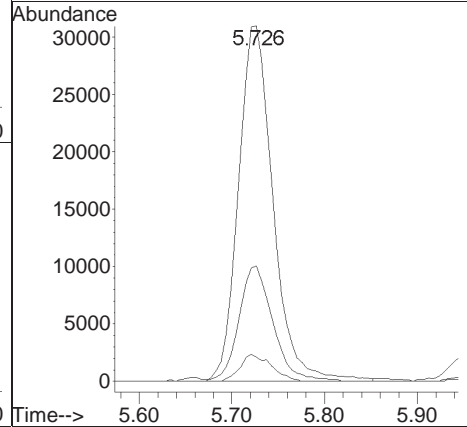
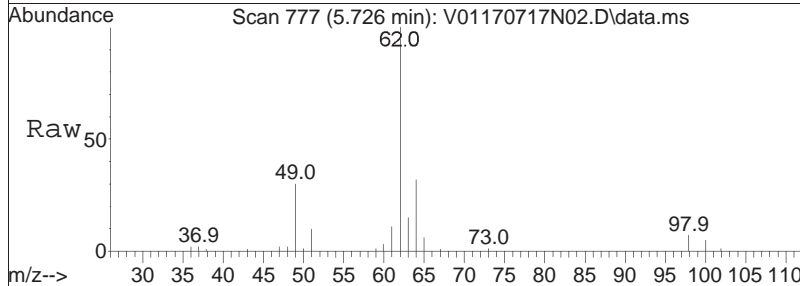
Tgt Ion	Resp	Lower	Upper
78	237359		
77	23.3	15.3	31.9
51	22.8	10.9	22.5#
52	22.9	10.1	20.9#

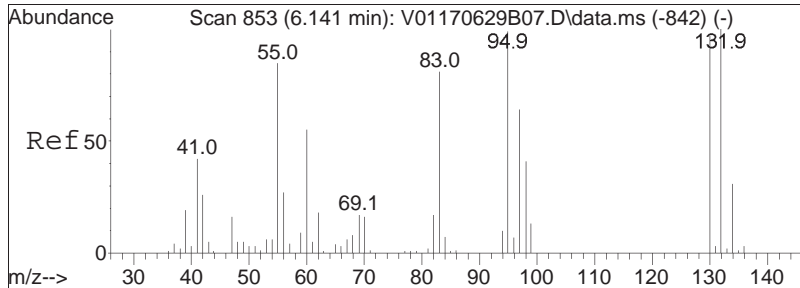




#44
 1,2-Dichloroethane
 Concen: 11.37 ug/L
 RT: 5.726 min Scan# 777
 Delta R.T. 0.000 min
 Lab File: V01170717N02.D
 Acq: 17 Jul 2017 8:40 pm

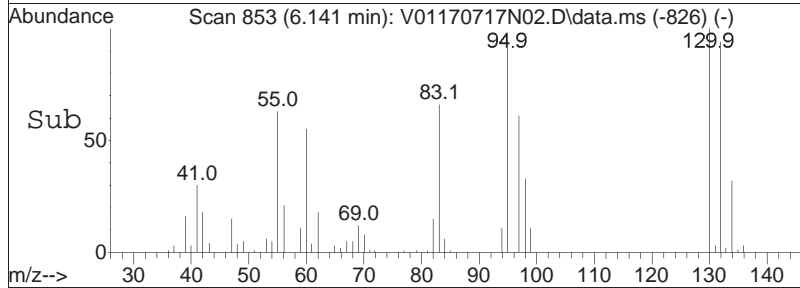
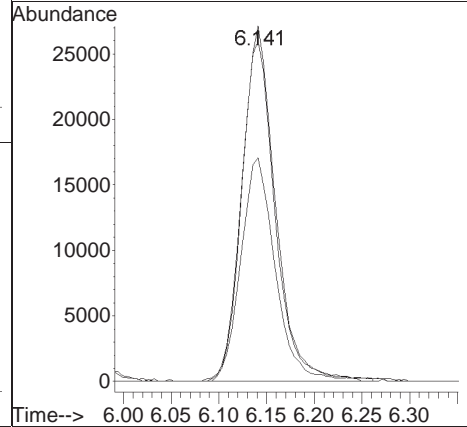
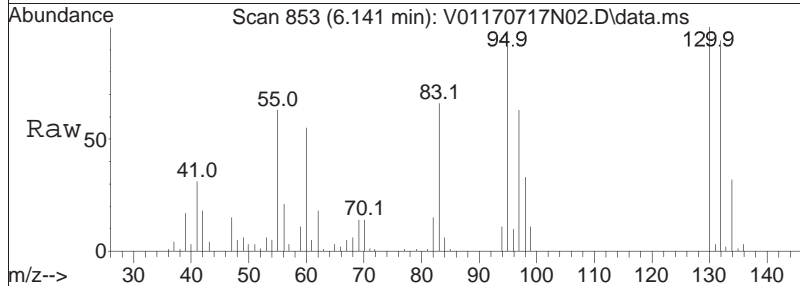
Tgt Ion:	Resp:		
Ion	Ratio	Lower	Upper
62	100		
64	31.9	13.7	53.7
98	6.9	0.0	29.0

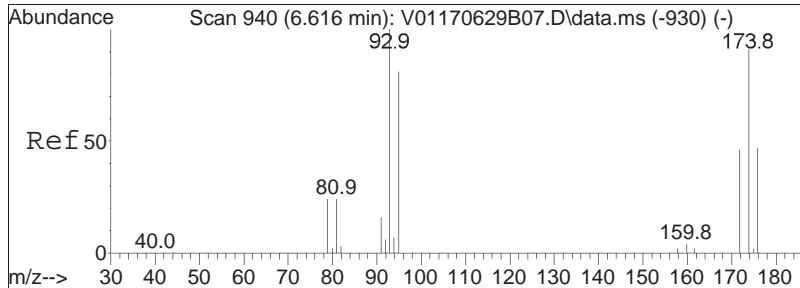




#48
 Trichloroethene
 Concen: 10.44 ug/L
 RT: 6.141 min Scan# 853
 Delta R.T. 0.000 min
 Lab File: V01170717N02.D
 Acq: 17 Jul 2017 8:40 pm

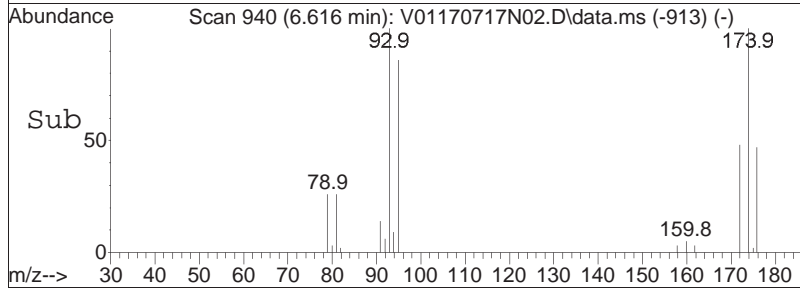
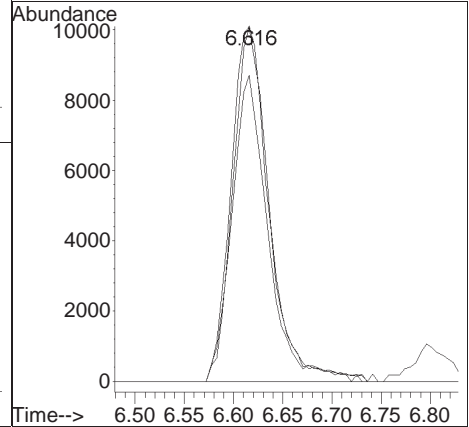
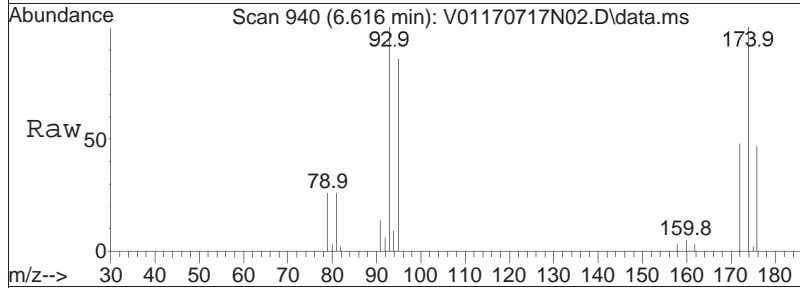
Tgt Ion	Resp	Lower	Upper
95	64397		
95	100		
97	67.0	55.1	82.7
130	102.3	71.9	107.9

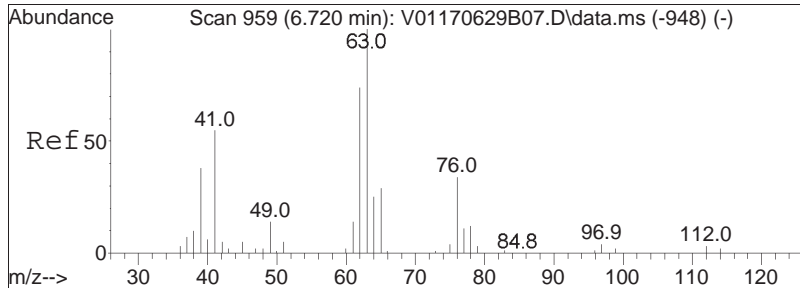




#50
 Dibromomethane
 Concen: 11.06 ug/L
 RT: 6.616 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: V01170717N02.D
 Acq: 17 Jul 2017 8:40 pm

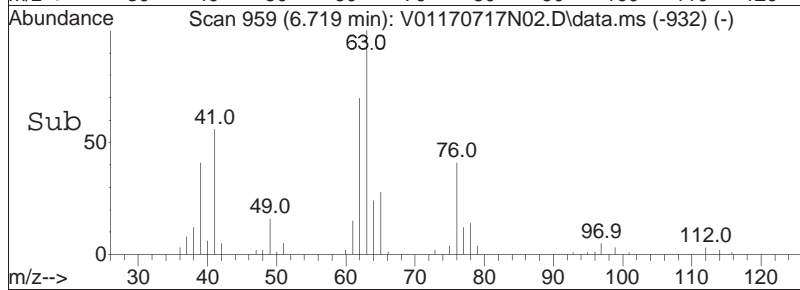
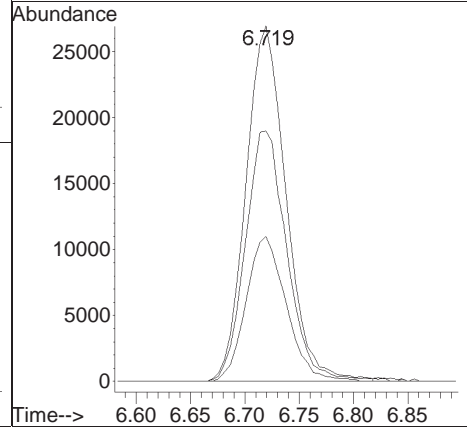
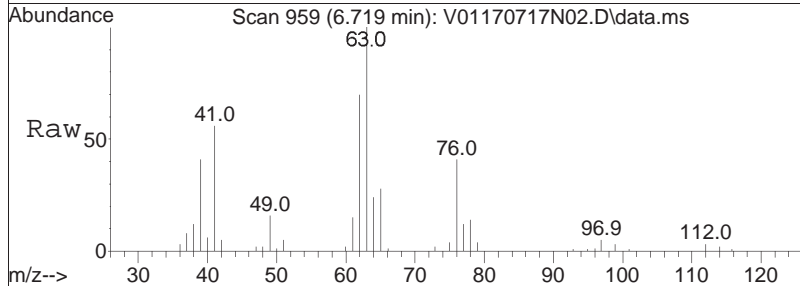
Tgt Ion	Resp	Lower	Upper
93	27024		
95	82.5	65.9	98.9
174	95.6	68.5	102.7

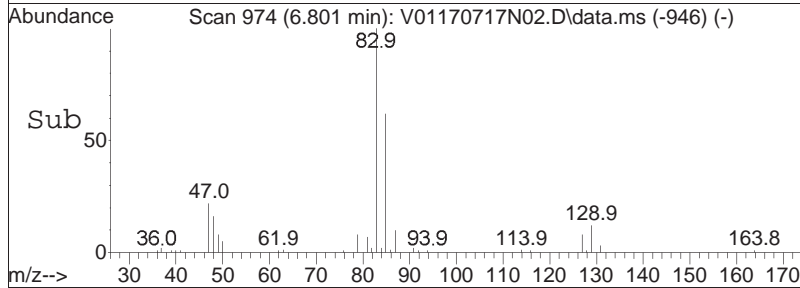
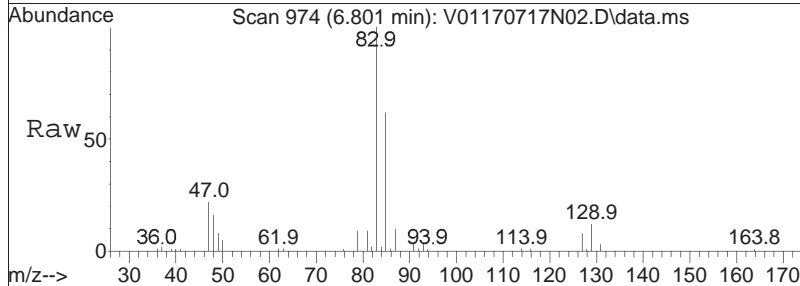
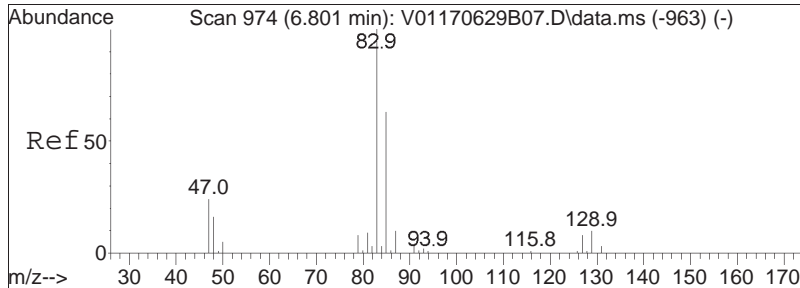




#51
 1,2-Dichloropropane
 Concen: 9.43 ug/L
 RT: 6.719 min Scan# 959
 Delta R.T. -0.001 min
 Lab File: V01170717N02.D
 Acq: 17 Jul 2017 8:40 pm

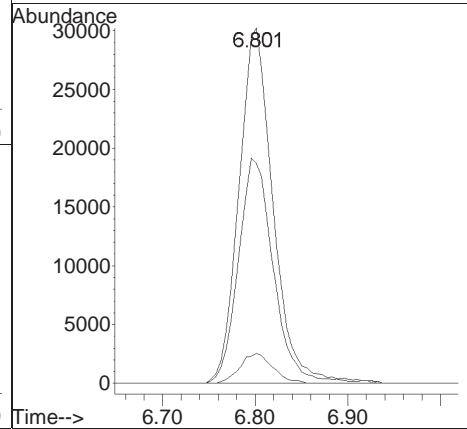
Tgt Ion	Resp	Lower	Upper
63	100		
62	72.6	57.1	85.7
76	40.8	35.3	52.9

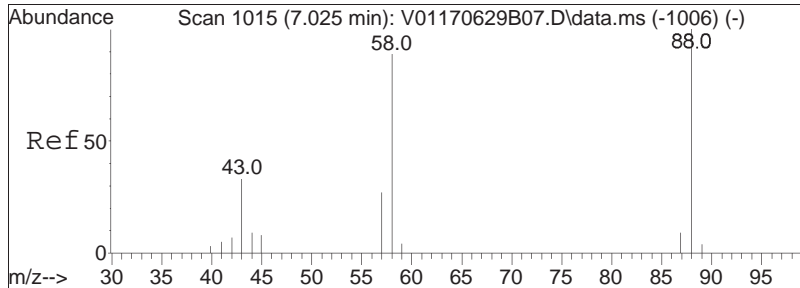




#54
 Bromodichloromethane
 Concen: 10.84 ug/L
 RT: 6.801 min Scan# 974
 Delta R.T. 0.000 min
 Lab File: V01170717N02.D
 Acq: 17 Jul 2017 8:40 pm

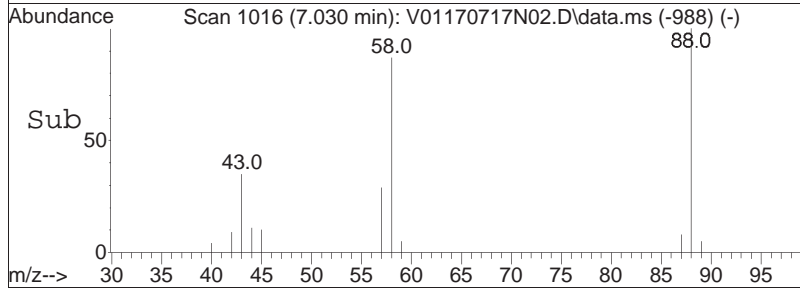
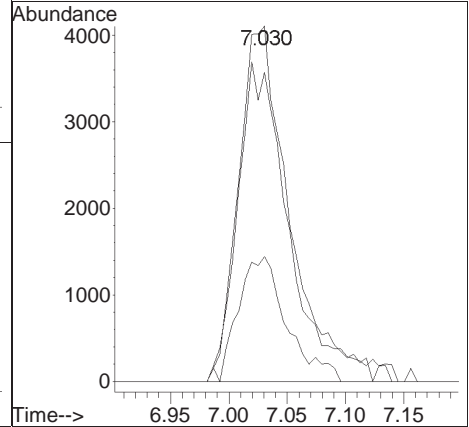
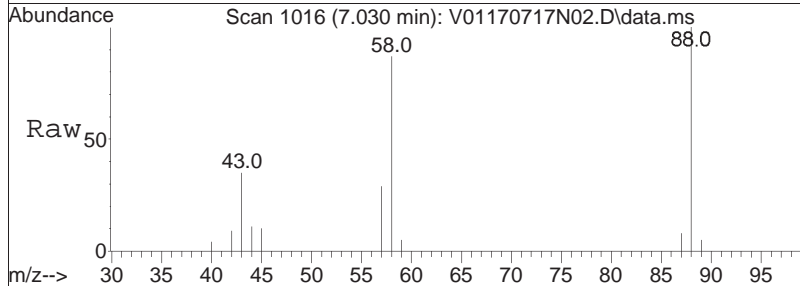
Tgt Ion:	83	Resp:	77486
Ion Ratio	Lower	Upper	
83	100		
85	64.9	50.7	76.1
127	8.1	6.3	9.5

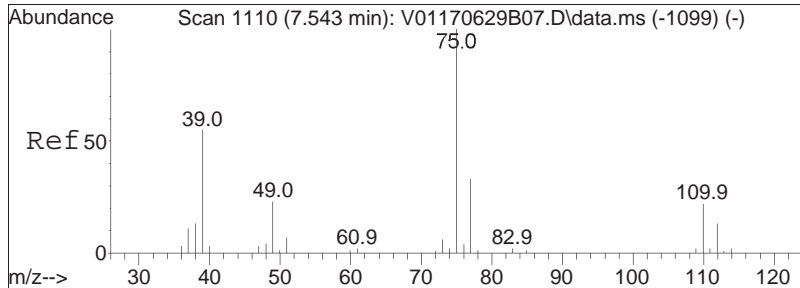




#57
 1,4-Dioxane
 Concen: 531.05 ug/L
 RT: 7.030 min Scan# 1016
 Delta R.T. 0.005 min
 Lab File: V01170717N02.D
 Acq: 17 Jul 2017 8:40 pm

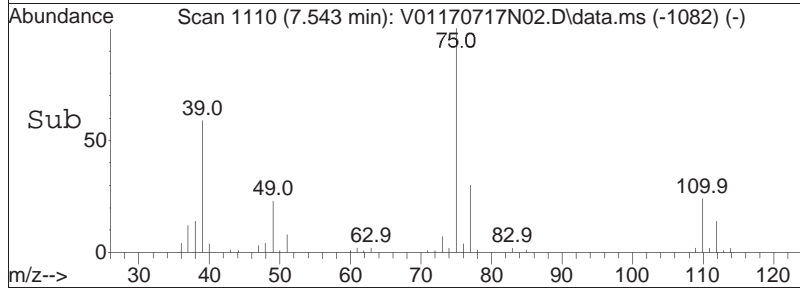
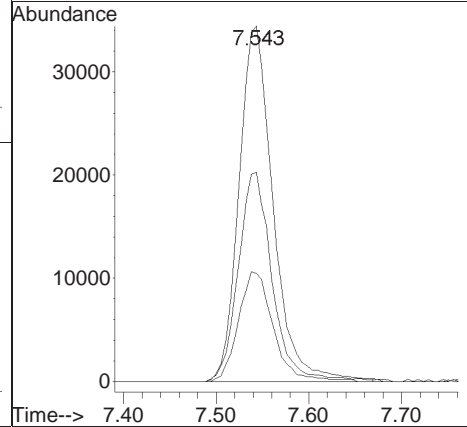
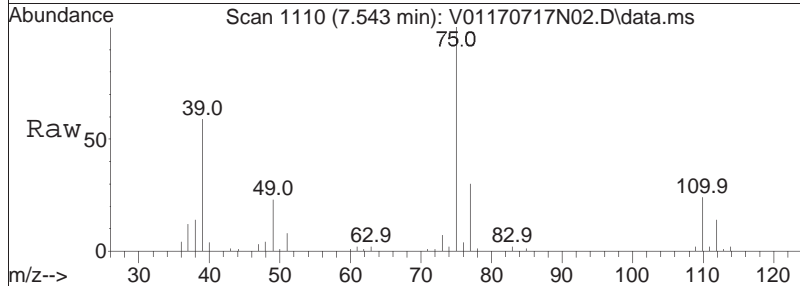
Tgt Ion:	88	Resp:	12466
Ion Ratio	Lower	Upper	
88	100		
58	89.6	53.5	80.3#
43	33.6	28.6	42.8

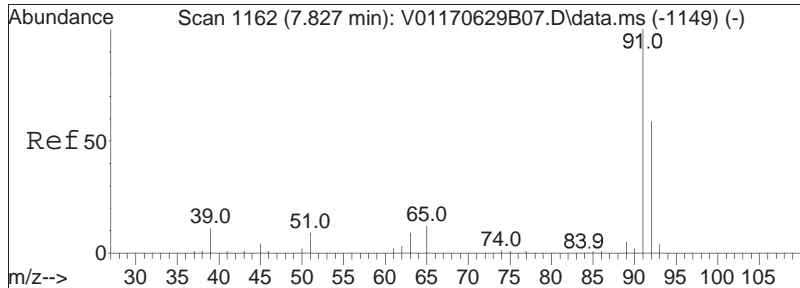




#58
 cis-1,3-Dichloropropene
 Concen: 10.45 ug/L
 RT: 7.543 min Scan# 1110
 Delta R.T. 0.000 min
 Lab File: V01170717N02.D
 Acq: 17 Jul 2017 8:40 pm

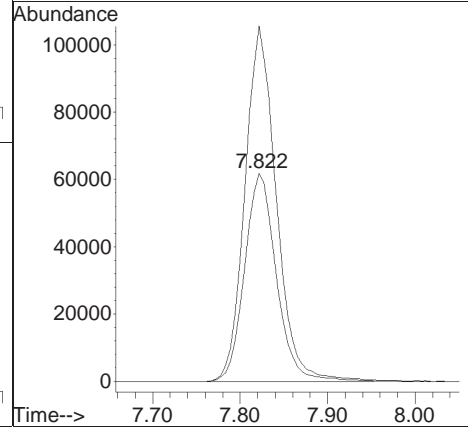
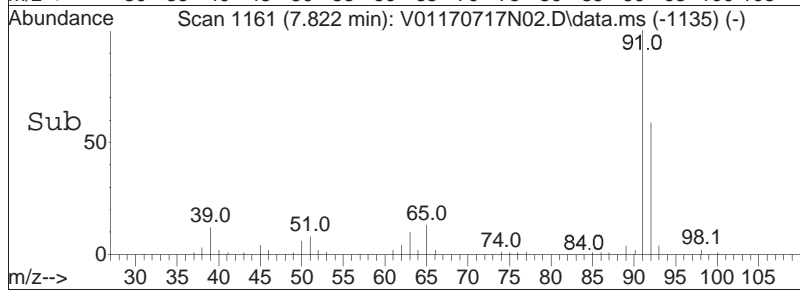
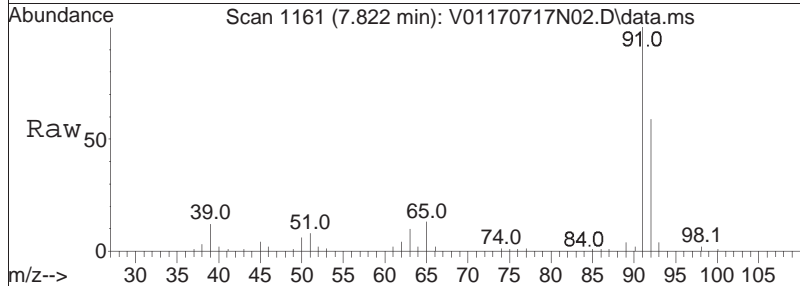
Tgt Ion	Resp	Lower	Upper
75	100		
77	31.3	25.4	38.2
39	58.4	42.1	63.1

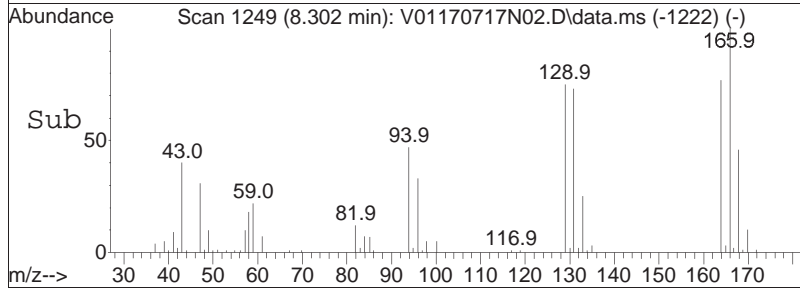
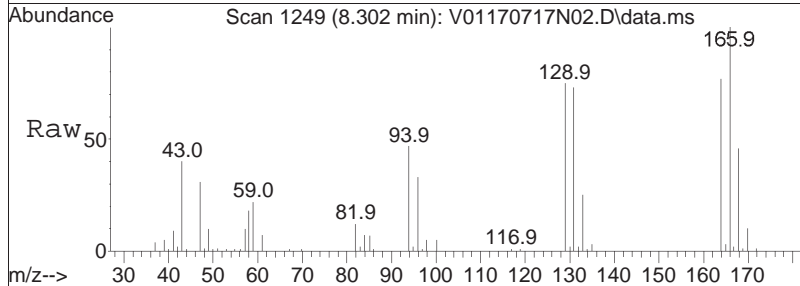
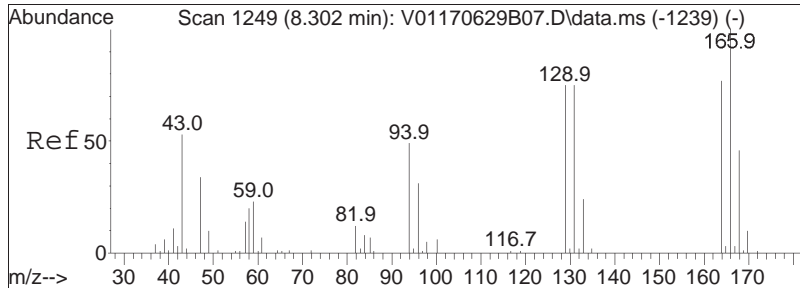




#61
 Toluene
 Concen: 9.38 ug/L
 RT: 7.822 min Scan# 1161
 Delta R.T. -0.005 min
 Lab File: V01170717N02.D
 Acq: 17 Jul 2017 8:40 pm

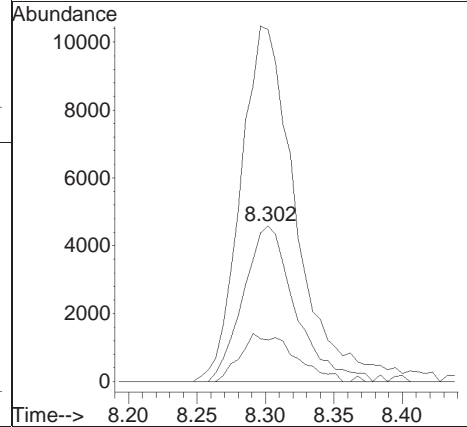
Tgt Ion:	92	Resp:	155865
Ion Ratio	Lower	Upper	
92	100		
91	168.3	138.6	207.8

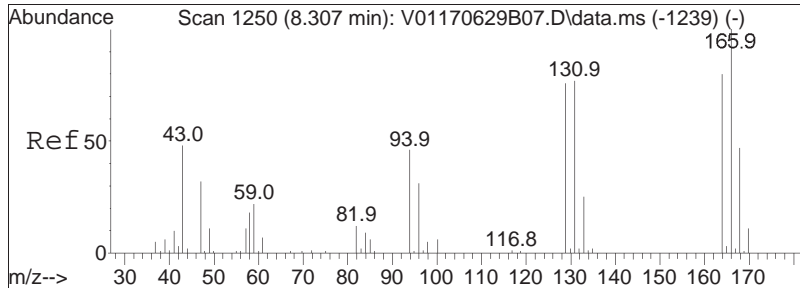




#62
 4-Methyl-2-pentanone
 Concen: 8.29 ug/L
 RT: 8.302 min Scan# 1249
 Delta R.T. -0.000 min
 Lab File: V01170717N02.D
 Acq: 17 Jul 2017 8:40 pm

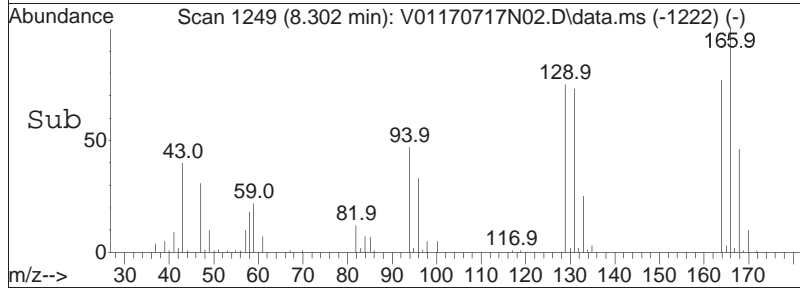
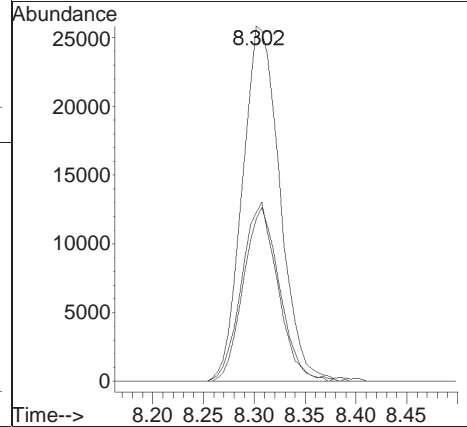
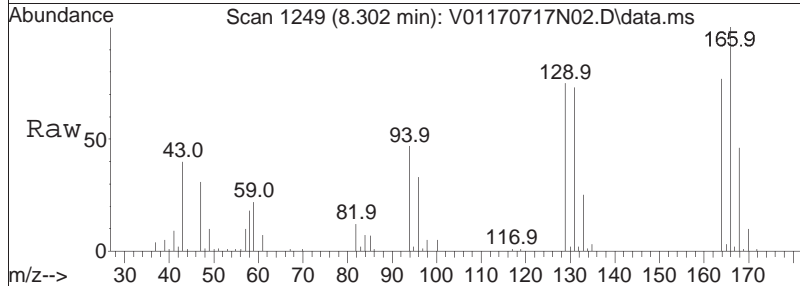
Tgt Ion:	Resp:		
Ion Ratio	Lower	Upper	
58	100		
100	31.9	31.1	46.7
43	246.8	217.6	326.4

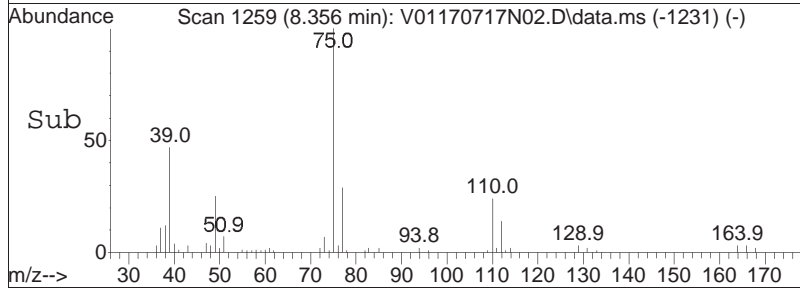
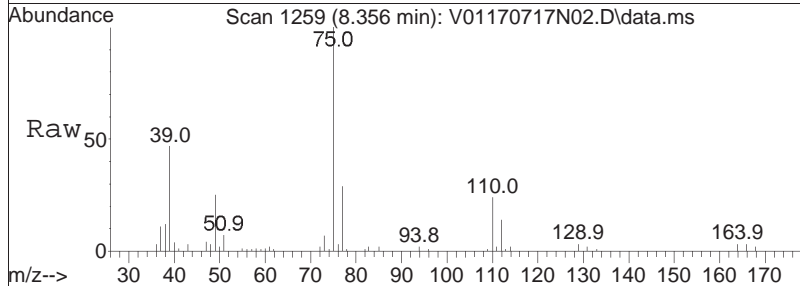
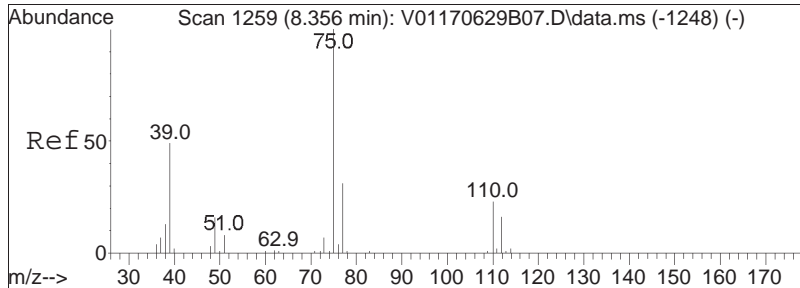




#63
 Tetrachloroethene
 Concen: 10.37 ug/L
 RT: 8.302 min Scan# 1249
 Delta R.T. -0.005 min
 Lab File: V01170717N02.D
 Acq: 17 Jul 2017 8:40 pm

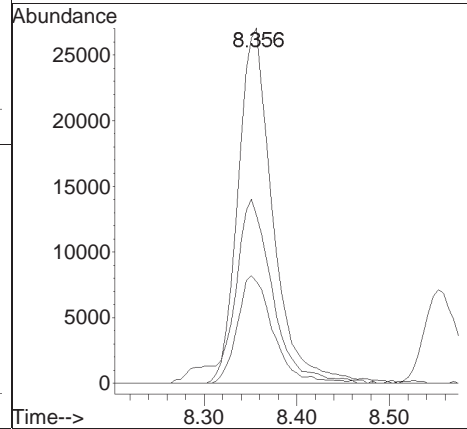
Tgt Ion	Ratio	Lower	Upper
166	100		
168	47.4	26.8	66.8
94	48.5	33.1	73.1

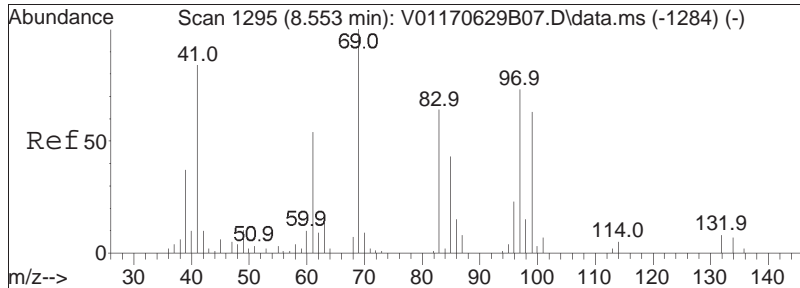




#65
 trans-1,3-Dichloropropene
 Concen: 9.06 ug/L
 RT: 8.356 min Scan# 1259
 Delta R.T. 0.000 min
 Lab File: V01170717N02.D
 Acq: 17 Jul 2017 8:40 pm

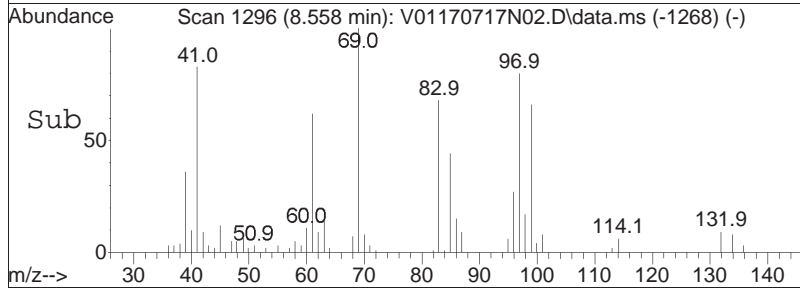
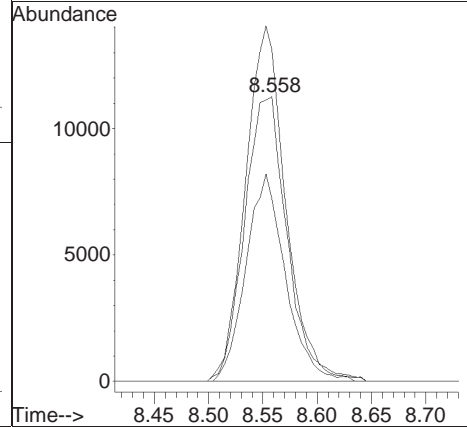
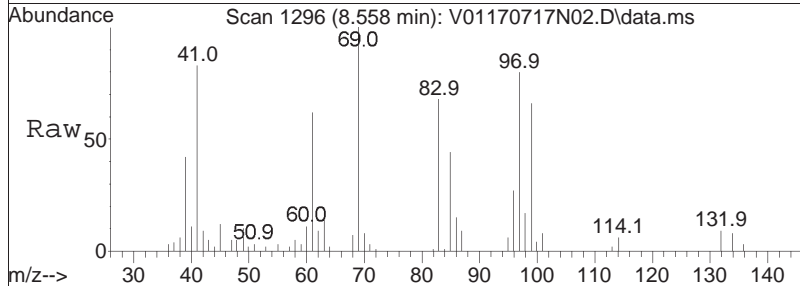
Tgt Ion:	Resp:		
Ion	Ratio	Lower	Upper
75	100		
77	31.3	11.8	51.8
39	58.2	34.7	74.7

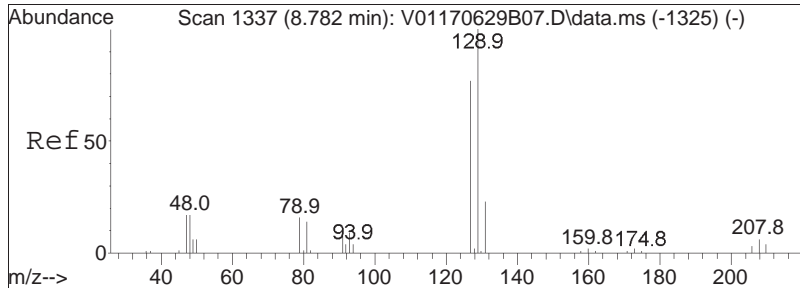




#68
 1,1,2-Trichloroethane
 Concen: 9.14 ug/L
 RT: 8.558 min Scan# 1296
 Delta R.T. 0.005 min
 Lab File: V01170717N02.D
 Acq: 17 Jul 2017 8:40 pm

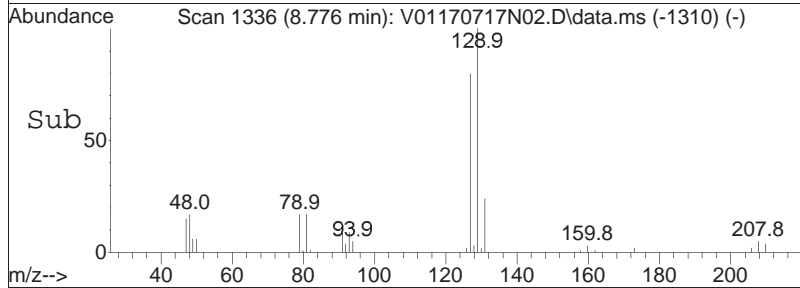
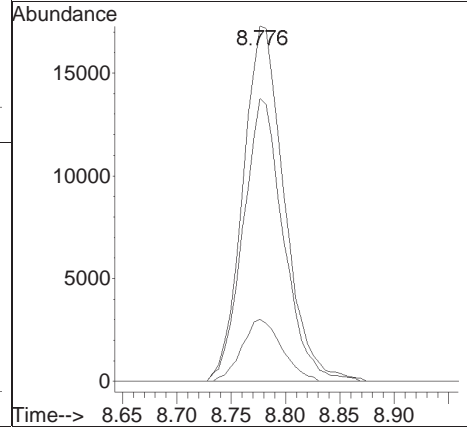
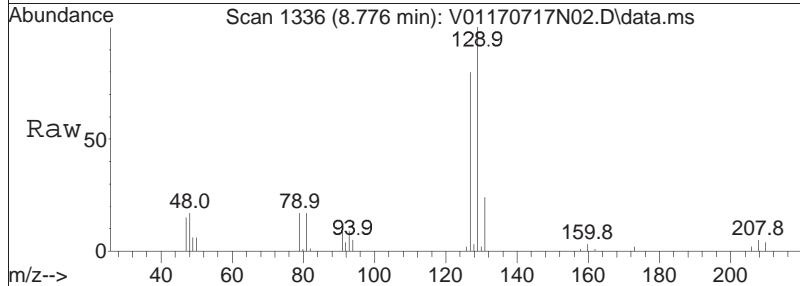
Tgt Ion:	Resp:	Lower	Upper
83	30702		
83	100		
97	118.7	99.6	139.6
85	67.9	46.7	86.7

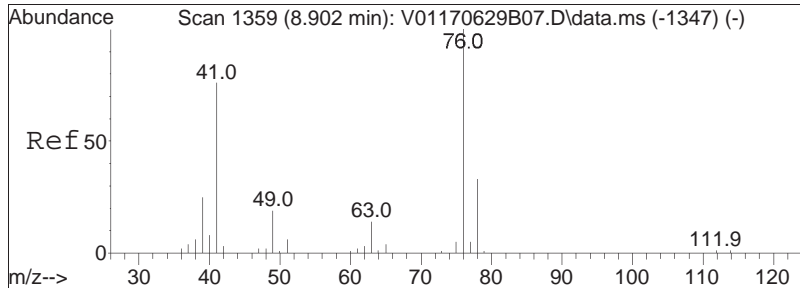




#69
 Chlorodibromomethane
 Concen: 10.40 ug/L
 RT: 8.776 min Scan# 1336
 Delta R.T. -0.006 min
 Lab File: V01170717N02.D
 Acq: 17 Jul 2017 8:40 pm

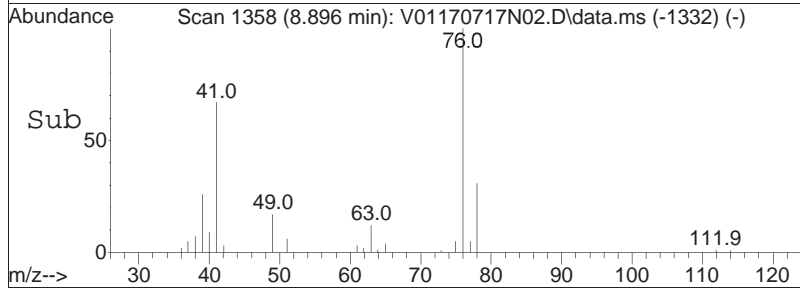
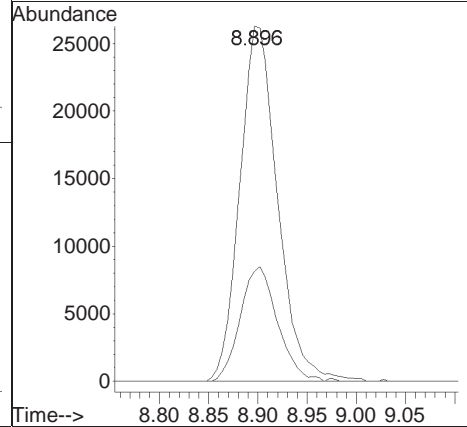
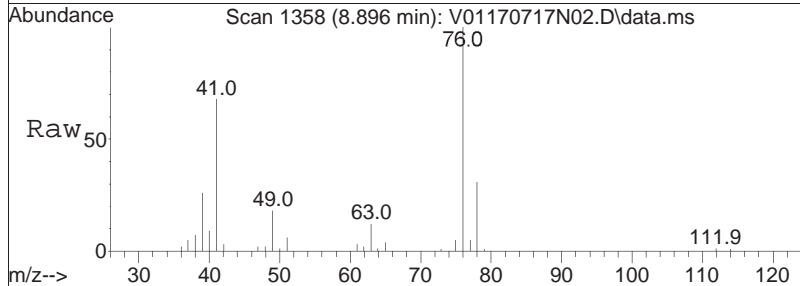
Tgt Ion	Ratio	Lower	Upper
129	100		
81	16.8	0.7	40.7
127	77.6	59.8	99.8

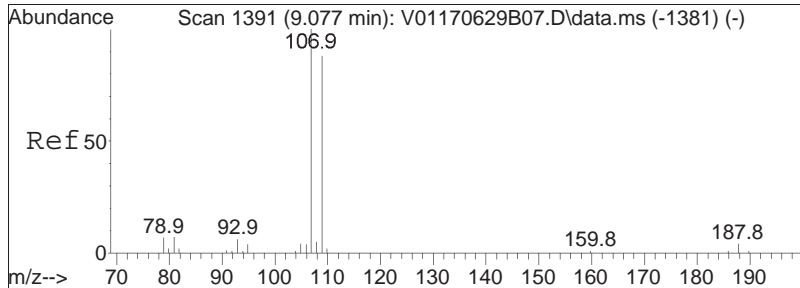




#70
 1,3-Dichloropropane
 Concen: 9.49 ug/L
 RT: 8.896 min Scan# 1358
 Delta R.T. -0.005 min
 Lab File: V01170717N02.D
 Acq: 17 Jul 2017 8:40 pm

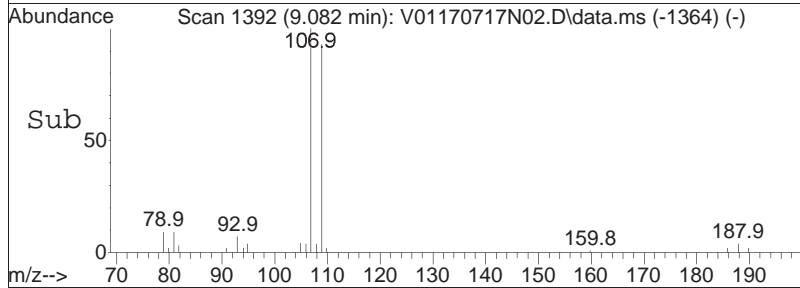
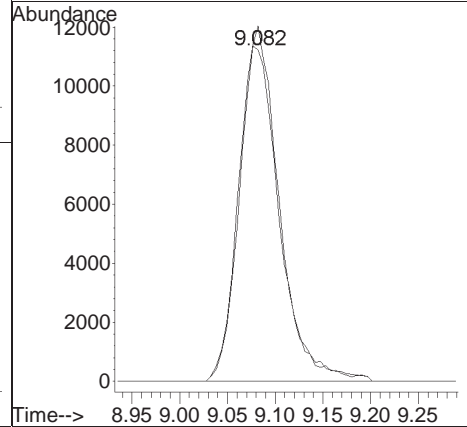
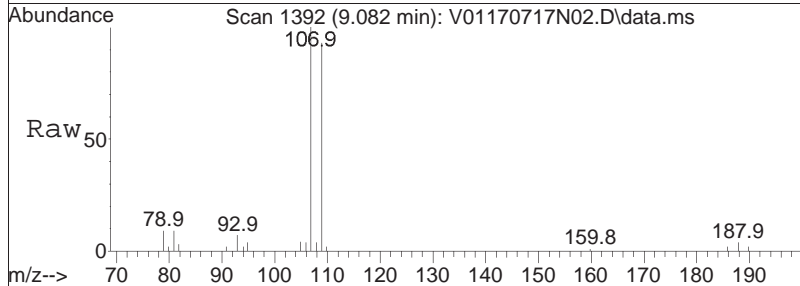
Tgt Ion:	76	78	Resp:	70206
Ion Ratio	100	31.8	Lower	Upper
			25.6	38.4

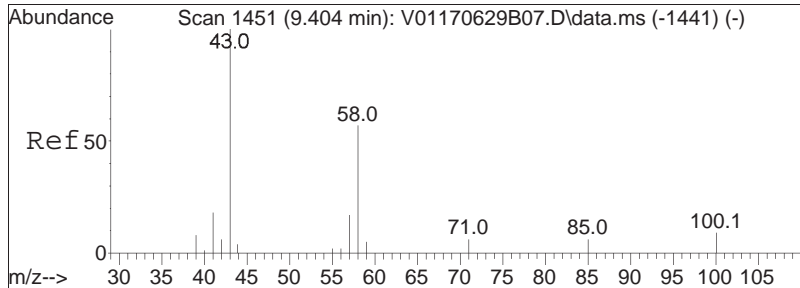




#71
 1,2-Dibromoethane
 Concen: 10.19 ug/L
 RT: 9.082 min Scan# 1392
 Delta R.T. 0.005 min
 Lab File: V01170717N02.D
 Acq: 17 Jul 2017 8:40 pm

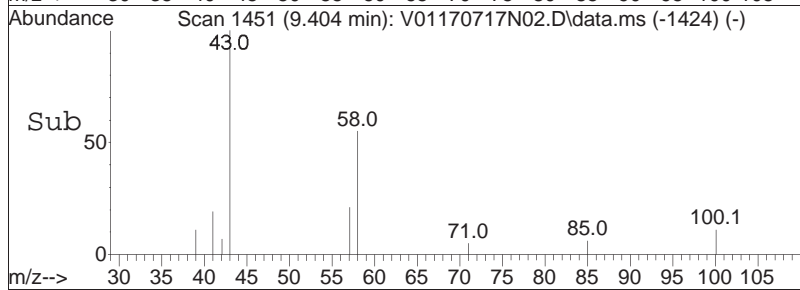
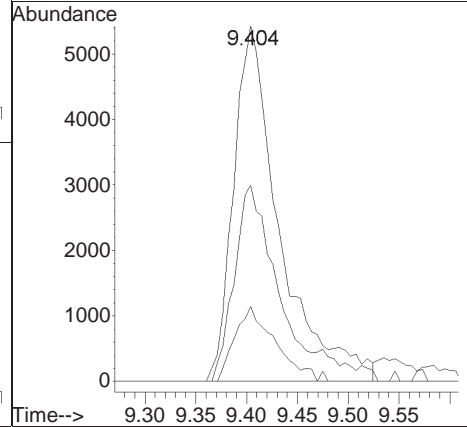
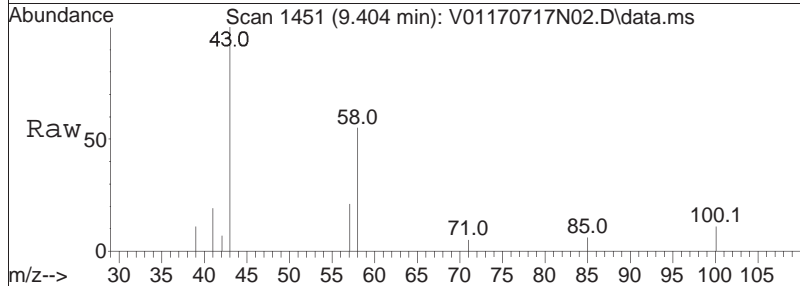
Tgt Ion	Resp	Lower	Upper
107	35161		
109	94.3	74.3	111.5

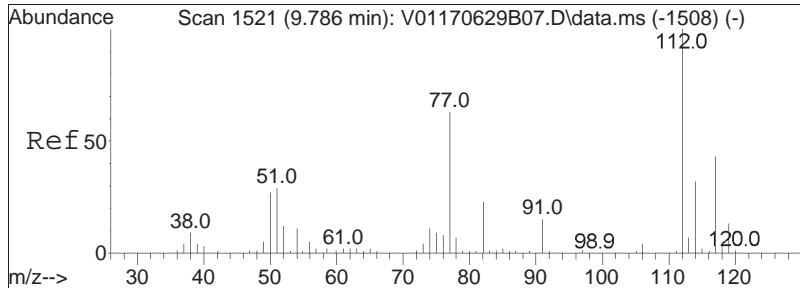




#72
 2-Hexanone
 Concen: 7.59 ug/L
 RT: 9.404 min Scan# 1451
 Delta R.T. -0.000 min
 Lab File: V01170717N02.D
 Acq: 17 Jul 2017 8:40 pm

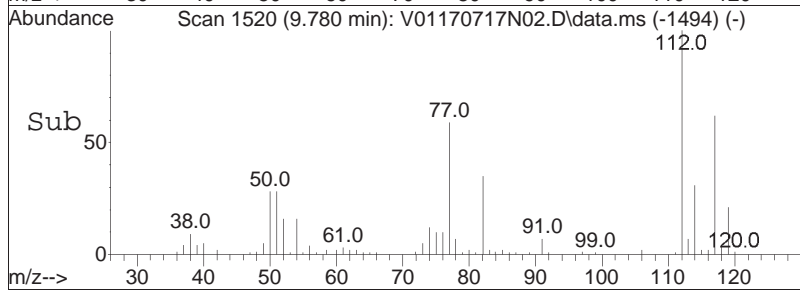
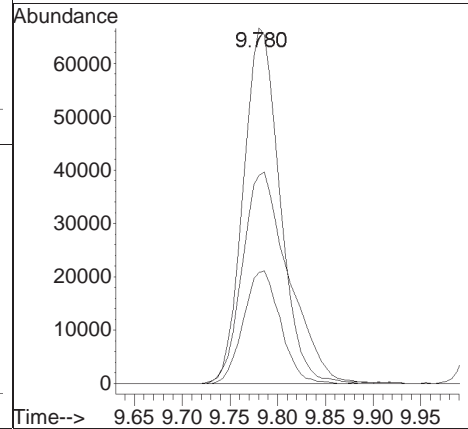
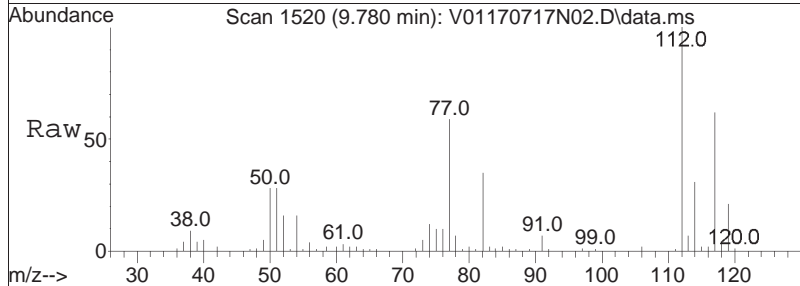
Tgt Ion:	43	58	57	Resp:	17029	Lower	Upper
Ion Ratio	100	54.7	18.8			38.9	58.3

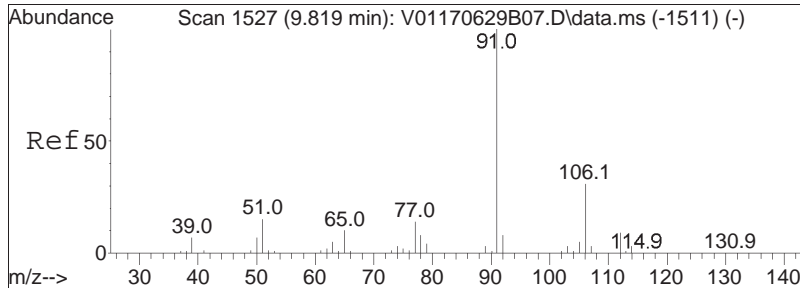




#73
 Chlorobenzene
 Concen: 9.71 ug/L
 RT: 9.780 min Scan# 1520
 Delta R.T. -0.006 min
 Lab File: V01170717N02.D
 Acq: 17 Jul 2017 8:40 pm

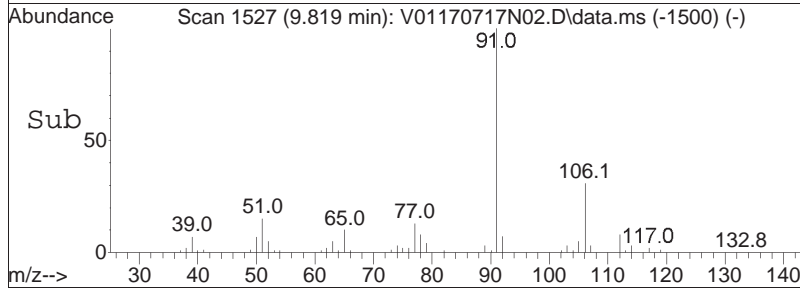
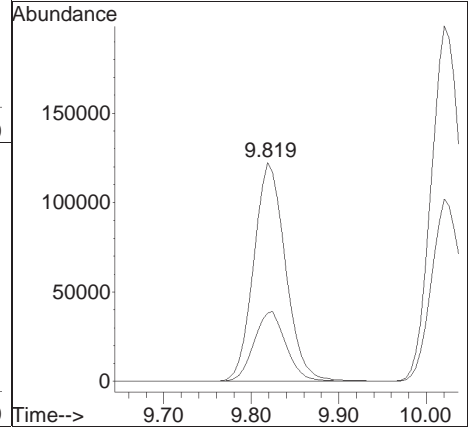
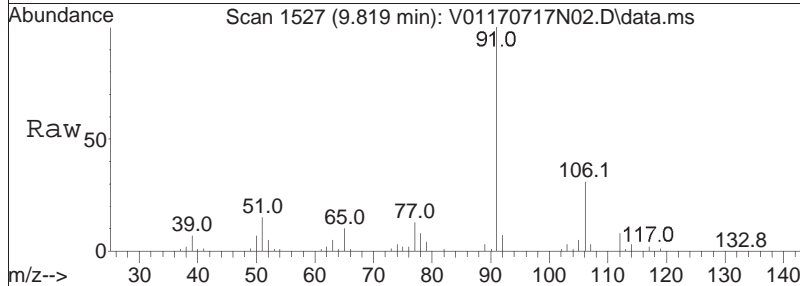
Tgt Ion	Ratio	Lower	Upper
112	100		
77	75.5	62.7	94.1
114	32.0	25.6	38.4

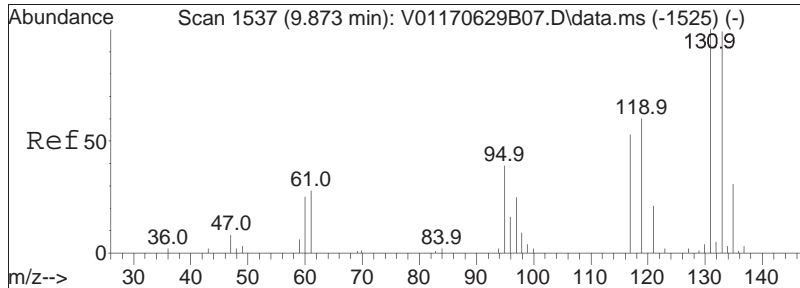




#74
 Ethylbenzene
 Concen: 9.43 ug/L
 RT: 9.819 min Scan# 1527
 Delta R.T. -0.000 min
 Lab File: V01170717N02.D
 Acq: 17 Jul 2017 8:40 pm

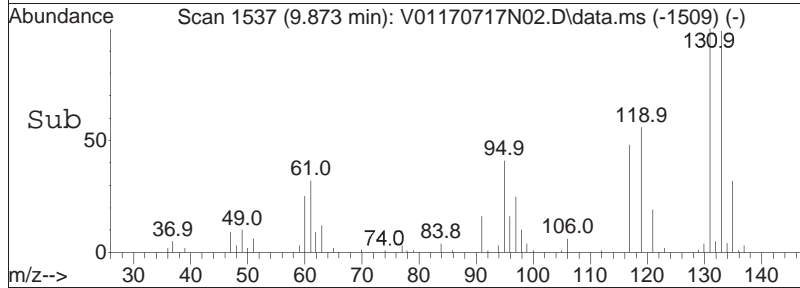
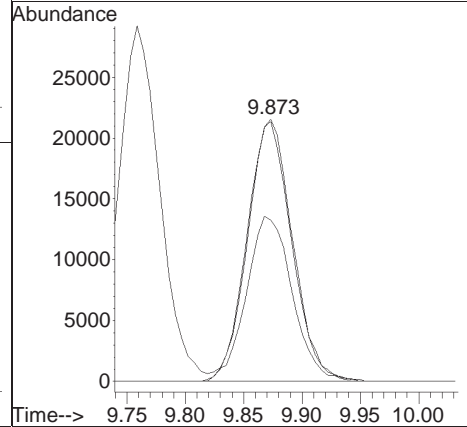
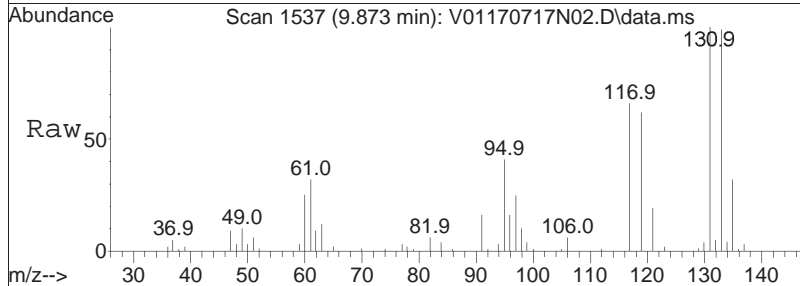
Tgt Ion: 91 Resp: 309247
 Ion Ratio Lower Upper
 91 100
 106 32.0 23.5 35.3

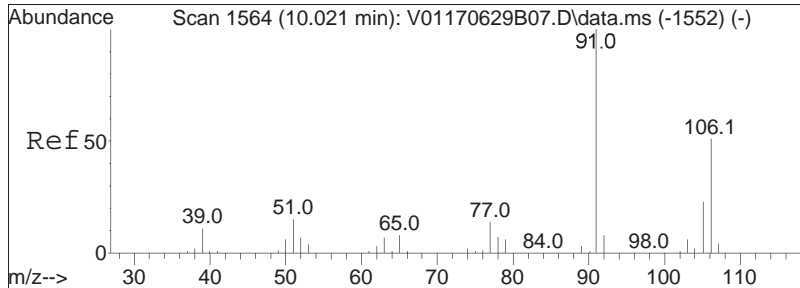




#75
 1,1,1,2-Tetrachloroethane
 Concen: 10.33 ug/L
 RT: 9.873 min Scan# 1537
 Delta R.T. 0.000 min
 Lab File: V01170717N02.D
 Acq: 17 Jul 2017 8:40 pm

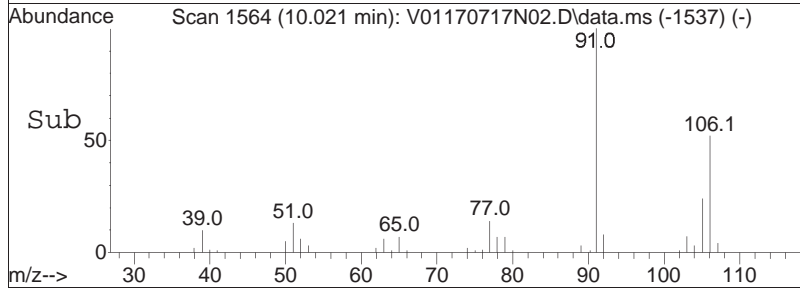
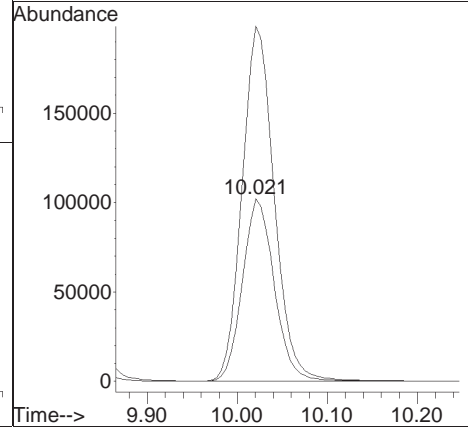
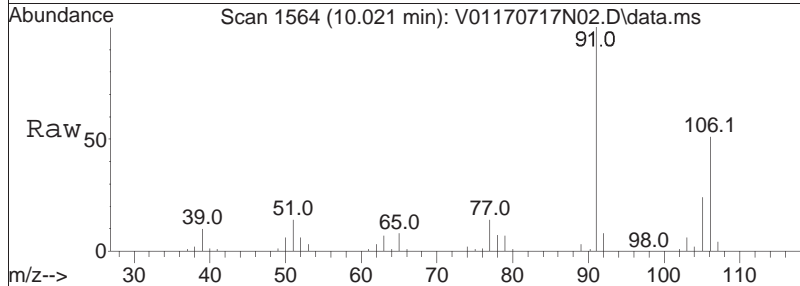
Tgt Ion	Resp	Lower	Upper
131	100		
133	96.8	77.6	117.6
119	63.8	47.4	87.4

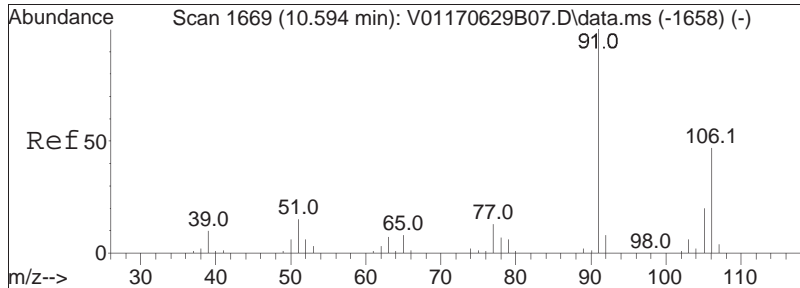




#76
 p/m Xylene
 Concen: 19.81 ug/L
 RT: 10.021 min Scan# 1564
 Delta R.T. -0.000 min
 Lab File: V01170717N02.D
 Acq: 17 Jul 2017 8:40 pm

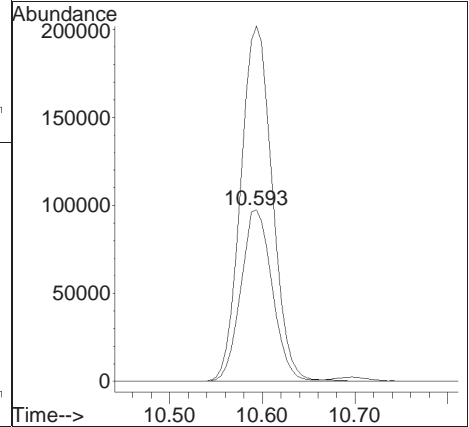
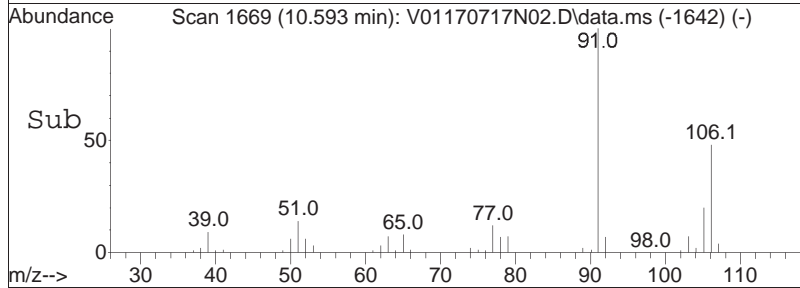
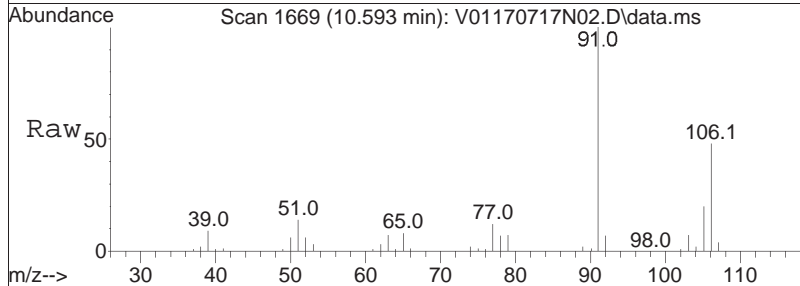
Tgt Ion	Resp	Lower	Upper
106	100		
91	195.1	174.8	262.2

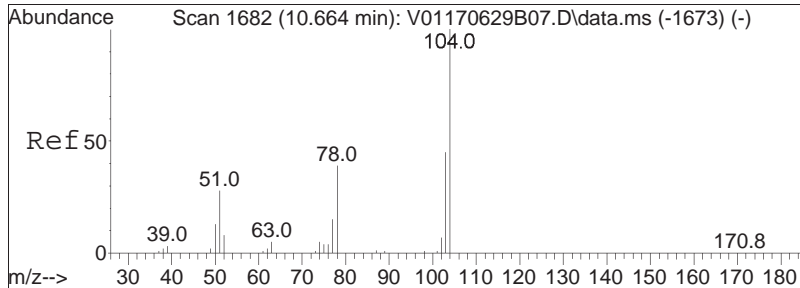




#77
 o Xylene
 Concen: 19.84 ug/L
 RT: 10.593 min Scan# 1669
 Delta R.T. -0.001 min
 Lab File: V01170717N02.D
 Acq: 17 Jul 2017 8:40 pm

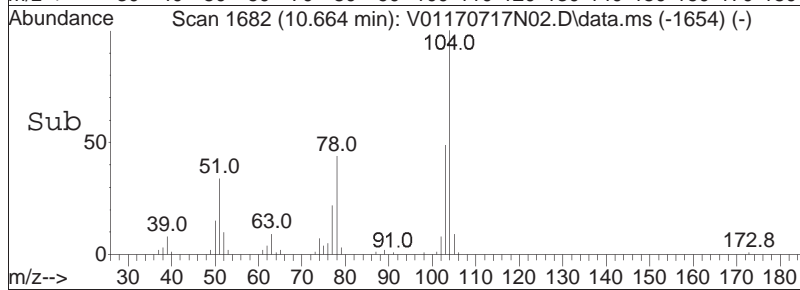
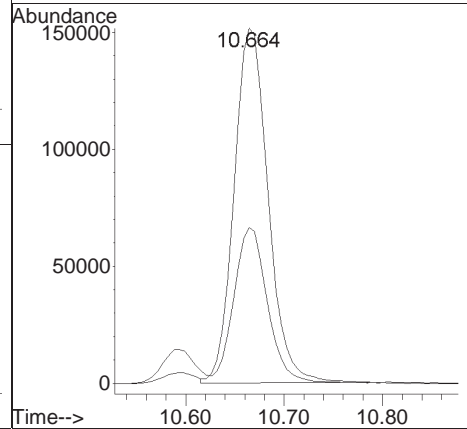
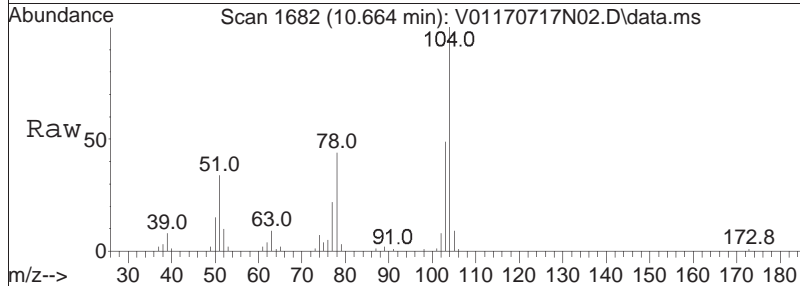
Tgt Ion: 106 Resp: 230926
 Ion Ratio Lower Upper
 106 100
 91 206.5 184.5 276.7

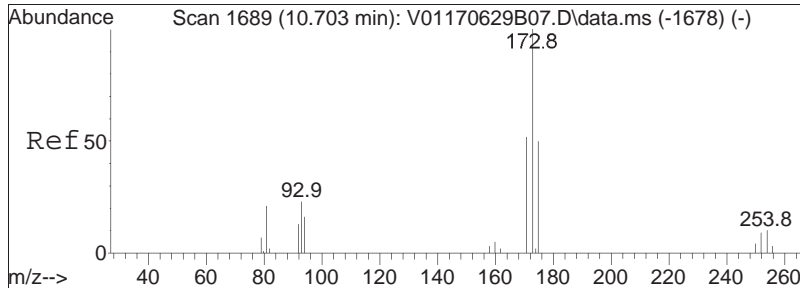




#78
 Styrene
 Concen: 19.84 ug/L
 RT: 10.664 min Scan# 1682
 Delta R.T. 0.000 min
 Lab File: V01170717N02.D
 Acq: 17 Jul 2017 8:40 pm

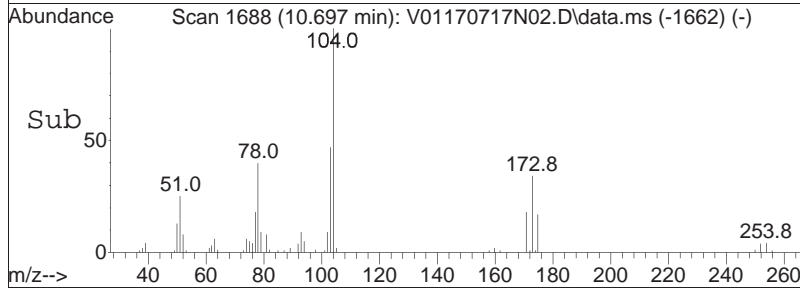
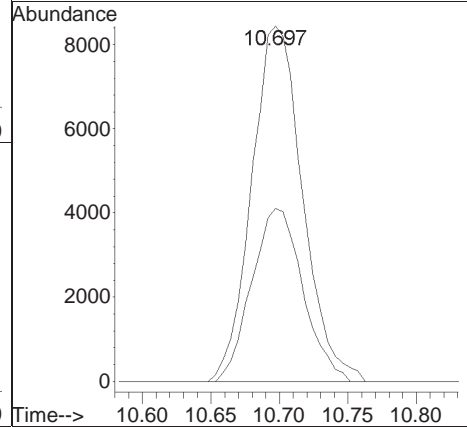
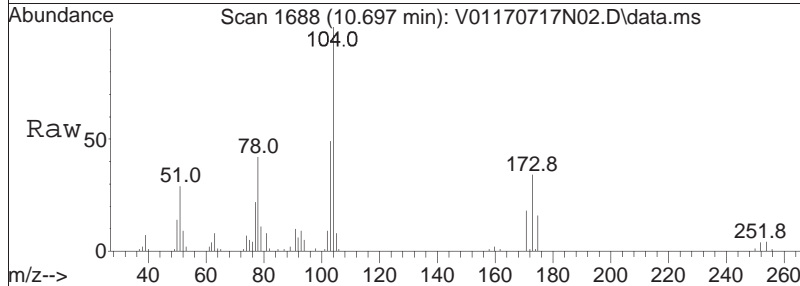
Tgt Ion	Resp	Lower	Upper
104	100		
78	43.1	36.4	54.6

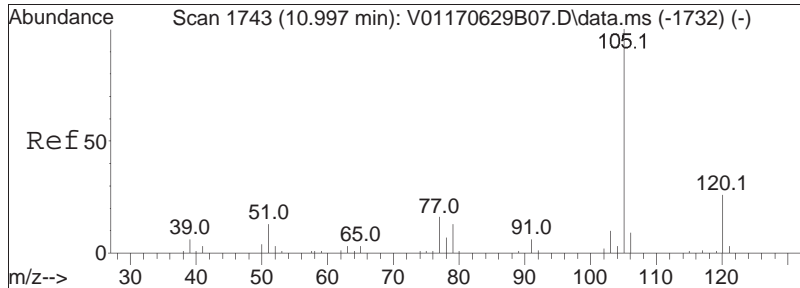




#80
 Bromoform
 Concen: 9.58 ug/L
 RT: 10.697 min Scan# 1688
 Delta R.T. -0.006 min
 Lab File: V01170717N02.D
 Acq: 17 Jul 2017 8:40 pm

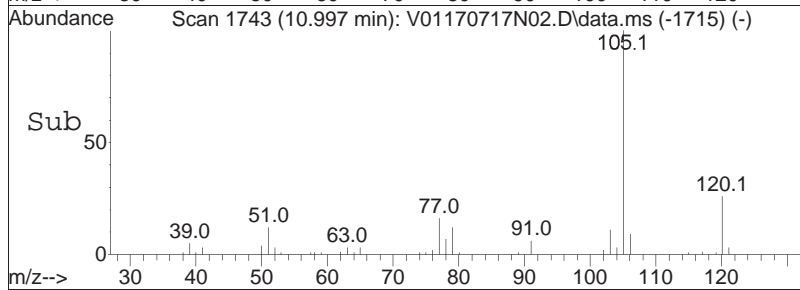
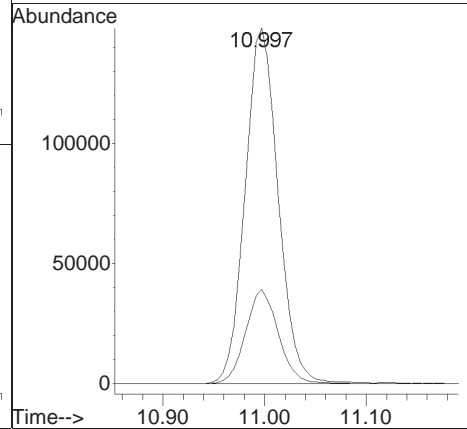
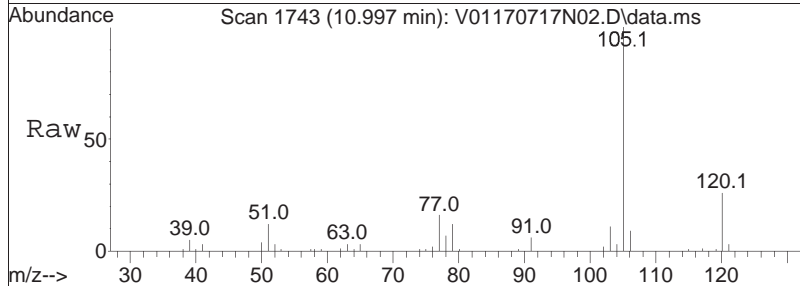
Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.8	27.8	67.8

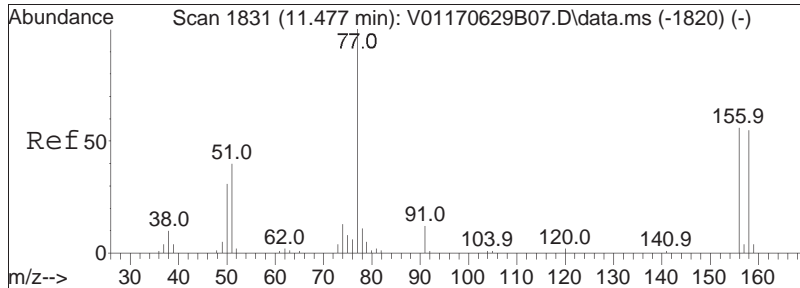




#82
 Isopropylbenzene
 Concen: 9.20 ug/L
 RT: 10.997 min Scan# 1743
 Delta R.T. 0.000 min
 Lab File: V01170717N02.D
 Acq: 17 Jul 2017 8:40 pm

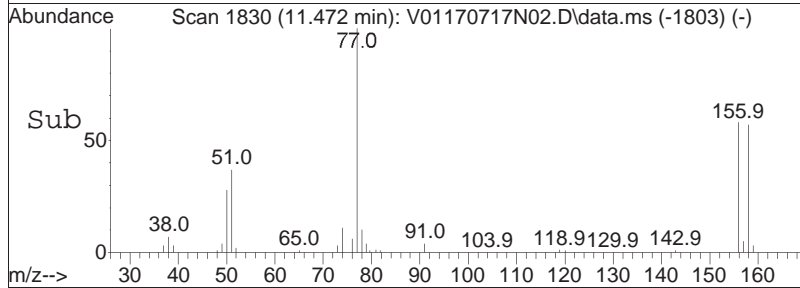
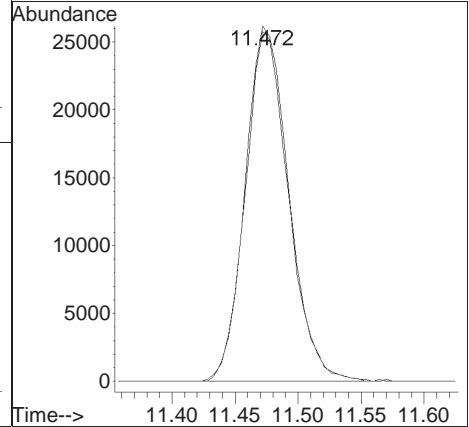
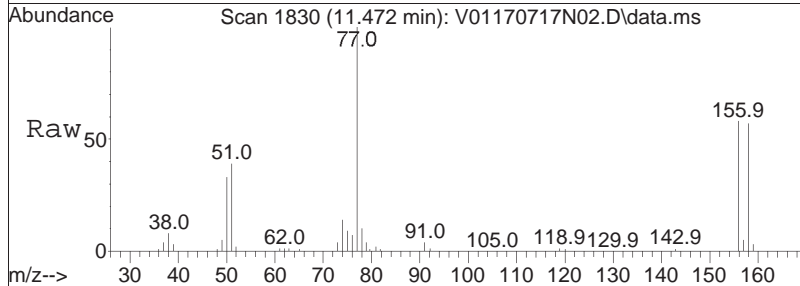
Tgt Ion	Resp	Lower	Upper
105	100		
120	26.0	6.1	46.1

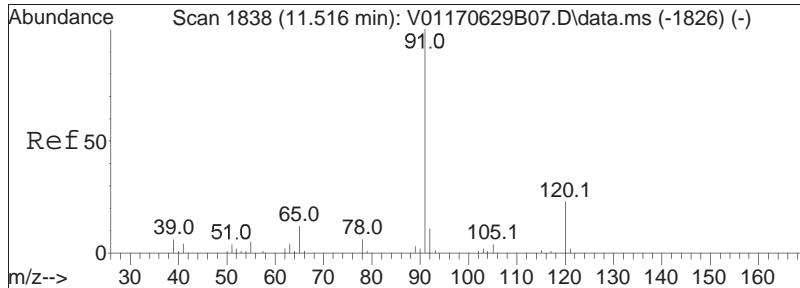




#84
 Bromobenzene
 Concen: 9.54 ug/L
 RT: 11.472 min Scan# 1830
 Delta R.T. -0.005 min
 Lab File: V01170717N02.D
 Acq: 17 Jul 2017 8:40 pm

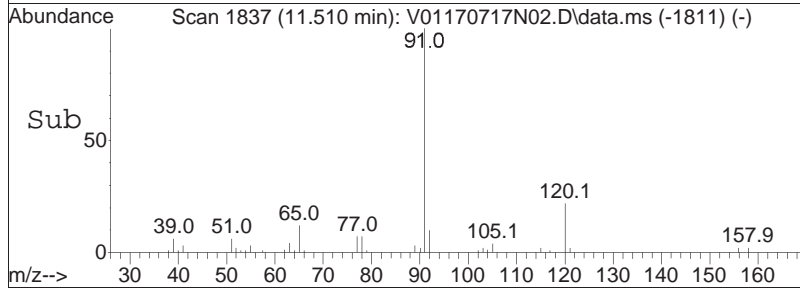
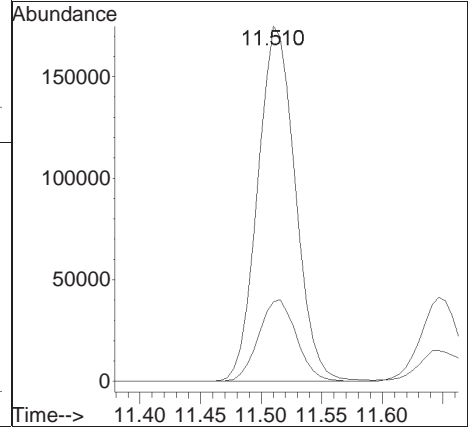
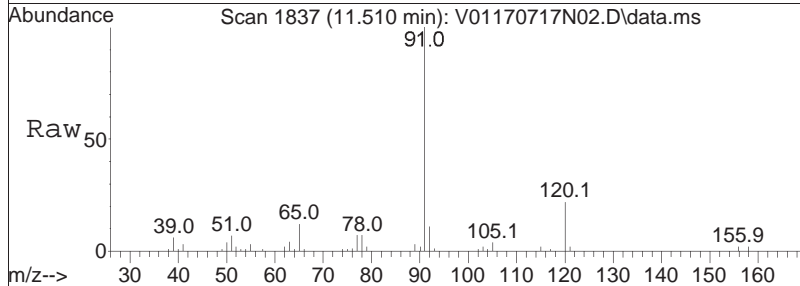
Tgt Ion: 156 Resp: 63083
 Ion Ratio Lower Upper
 156 100
 158 97.3 76.9 115.3

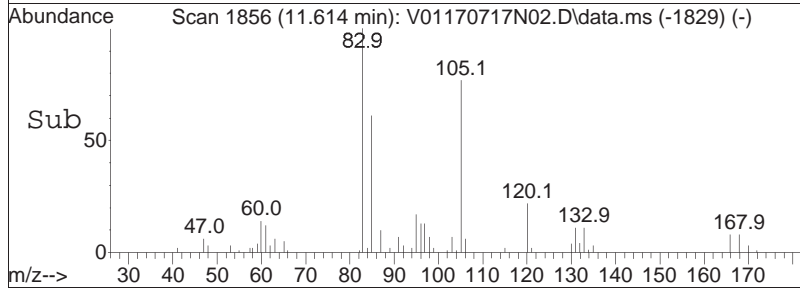
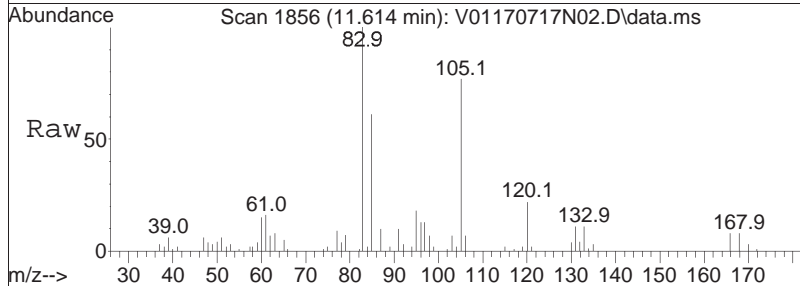
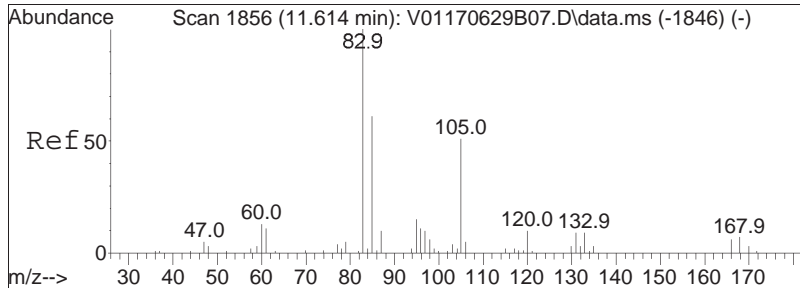




#85
 n-Propylbenzene
 Concen: 8.80 ug/L
 RT: 11.510 min Scan# 1837
 Delta R.T. -0.006 min
 Lab File: V01170717N02.D
 Acq: 17 Jul 2017 8:40 pm

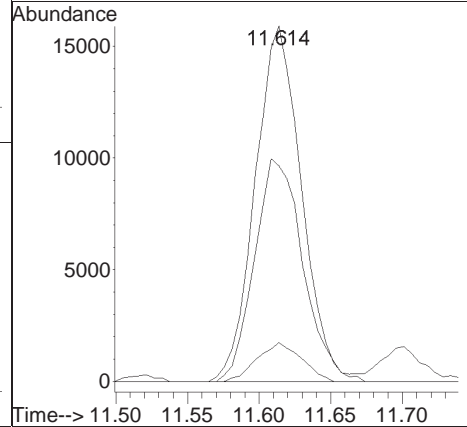
Tgt Ion: 91 Resp: 376607
 Ion Ratio Lower Upper
 91 100
 120 23.2 16.6 25.0

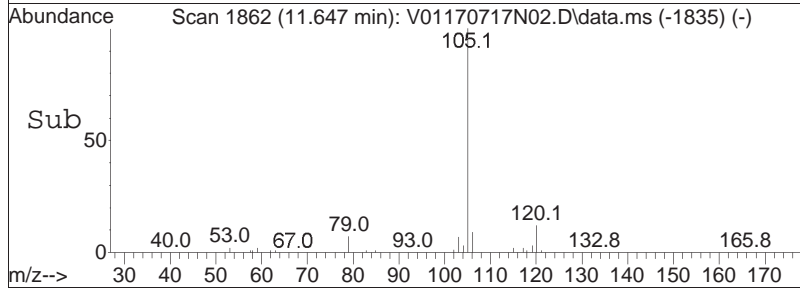
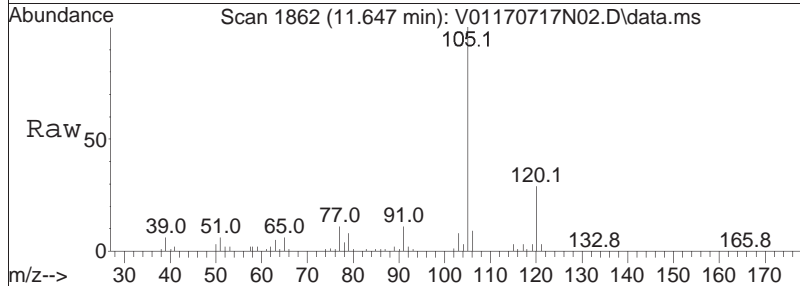
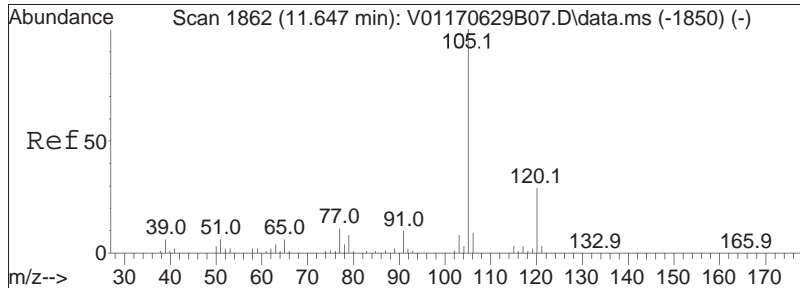




#87
 1,1,2,2-Tetrachloroethane
 Concen: 8.49 ug/L
 RT: 11.614 min Scan# 1856
 Delta R.T. -0.000 min
 Lab File: V01170717N02.D
 Acq: 17 Jul 2017 8:40 pm

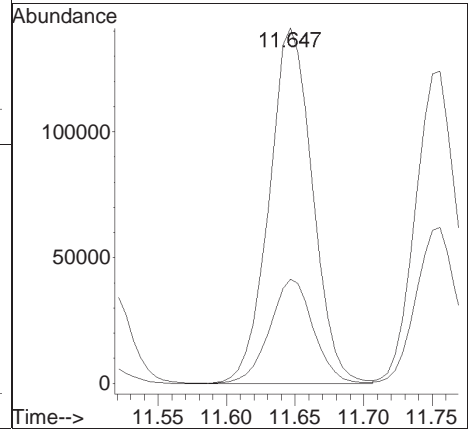
Tgt Ion	Resp	Lower	Upper
83	35659		
83	100		
131	10.5	0.0	29.5
85	65.4	44.9	84.9

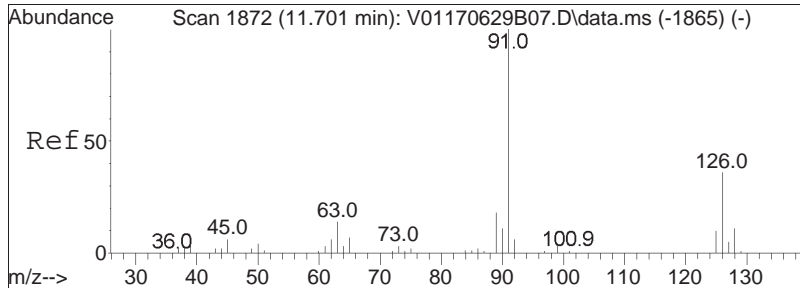




#88
 4-Ethyltoluene
 Concen: 9.22 ug/L
 RT: 11.647 min Scan# 1862
 Delta R.T. -0.001 min
 Lab File: V01170717N02.D
 Acq: 17 Jul 2017 8:40 pm

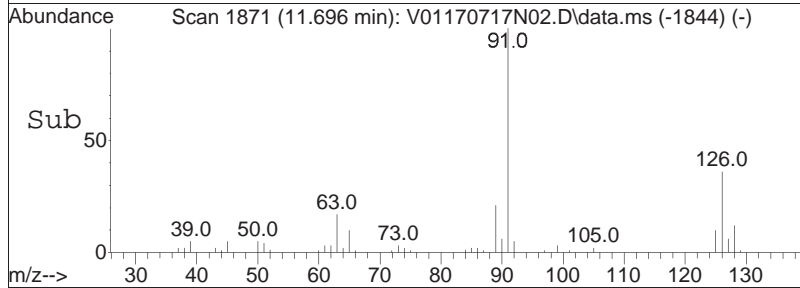
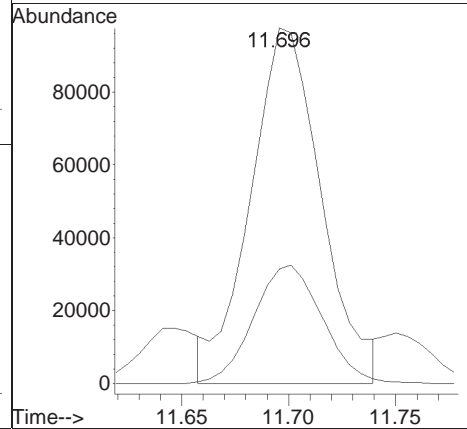
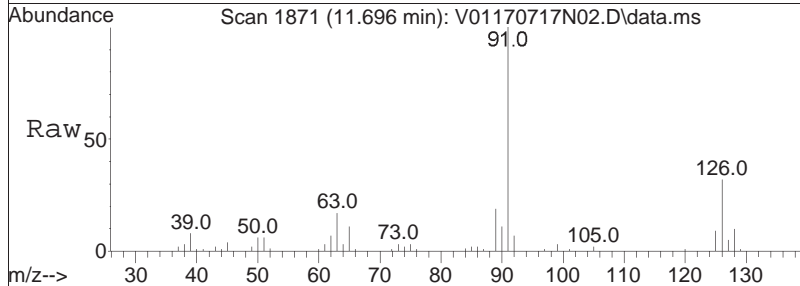
Tgt Ion	Ratio	Lower	Upper
105	100		
120	29.4	18.9	39.1

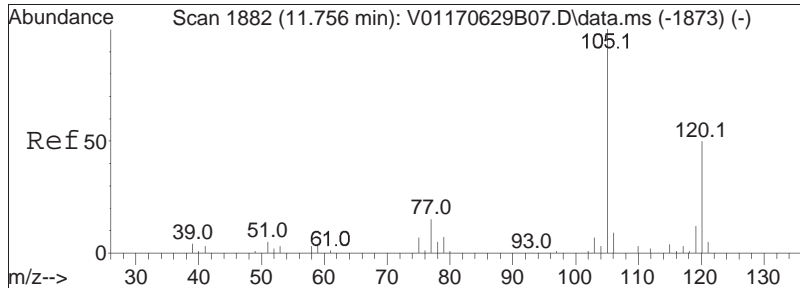




#89
 2-Chlorotoluene
 Concen: 9.22 ug/L M1
 RT: 11.696 min Scan# 1871
 Delta R.T. -0.005 min
 Lab File: V01170717N02.D
 Acq: 17 Jul 2017 8:40 pm

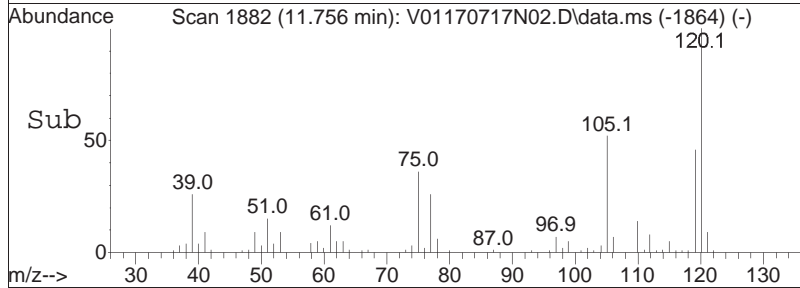
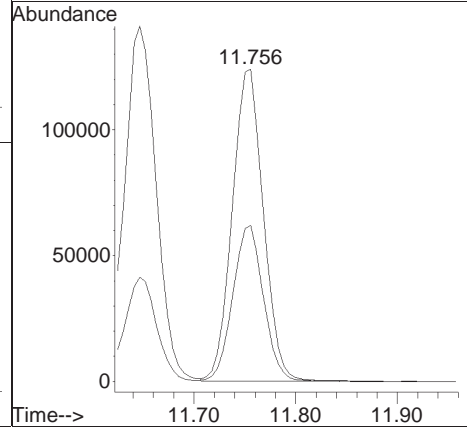
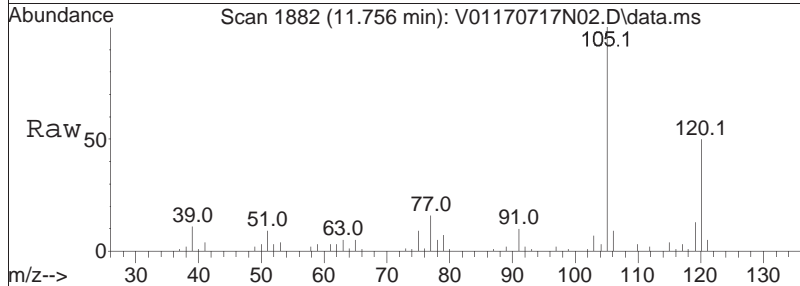
Tgt Ion: 91 Resp: 224196
 Ion Ratio Lower Upper
 91 100
 126 32.3 22.9 34.3

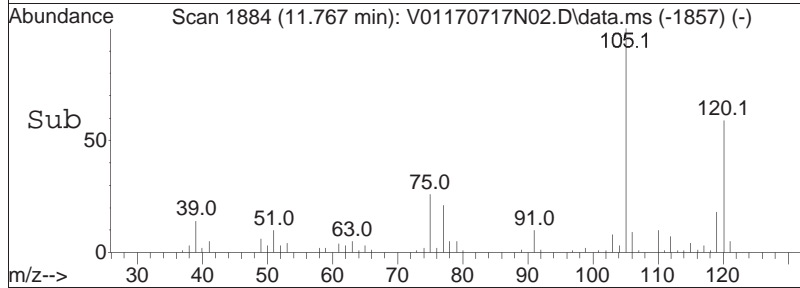
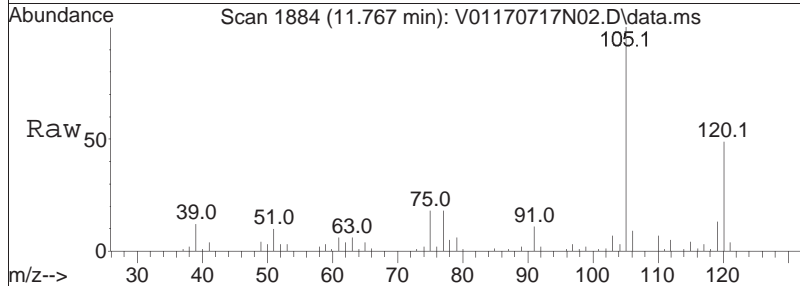
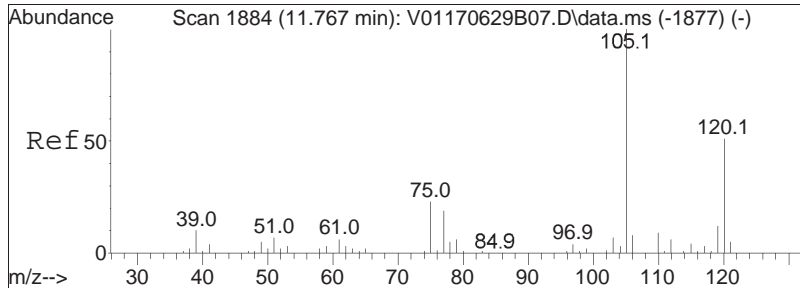




#90
 1,3,5-Trimethylbenzene
 Concen: 9.25 ug/L
 RT: 11.756 min Scan# 1882
 Delta R.T. -0.000 min
 Lab File: V01170717N02.D
 Acq: 17 Jul 2017 8:40 pm

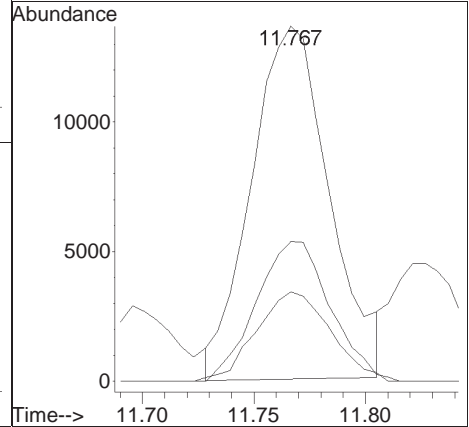
Tgt Ion	Resp	Lower	Upper
105	100		
120	49.7	37.8	56.8

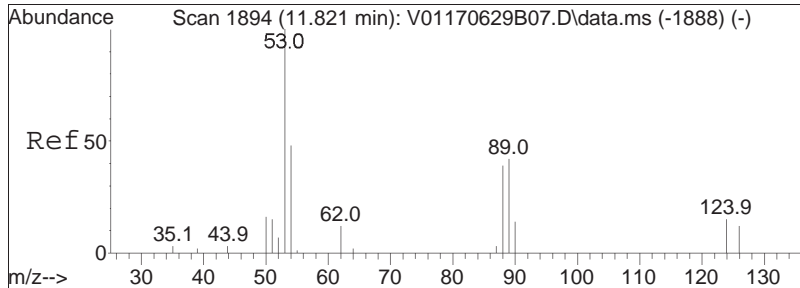




#91
 1,2,3-Trichloropropane
 Concen: 9.13 ug/L M1
 RT: 11.767 min Scan# 1884
 Delta R.T. -0.000 min
 Lab File: V01170717N02.D
 Acq: 17 Jul 2017 8:40 pm

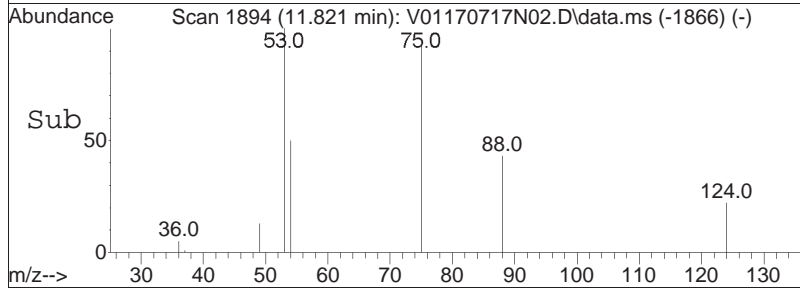
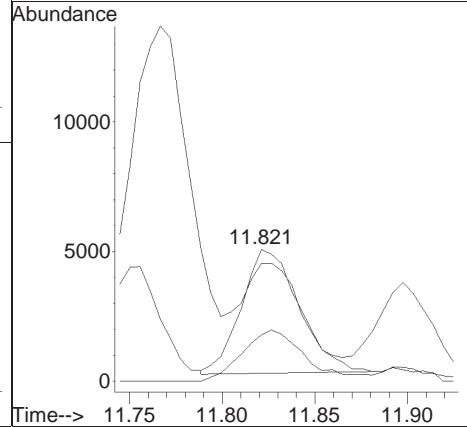
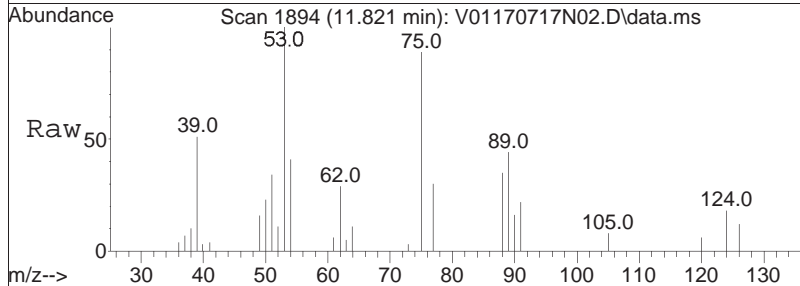
Tgt Ion:	Resp:		
Ion Ratio	Lower	Upper	
75	100		
110	37.6	22.0	45.8
112	24.2	14.2	29.6

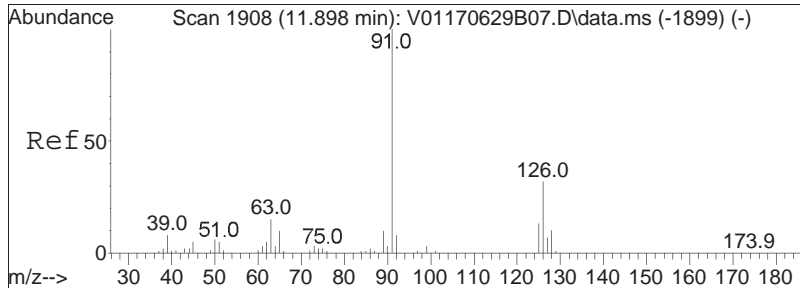




#92
 trans-1,4-Dichloro-2-butene
 Concen: 8.13 ug/L
 RT: 11.821 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: V01170717N02.D
 Acq: 17 Jul 2017 8:40 pm

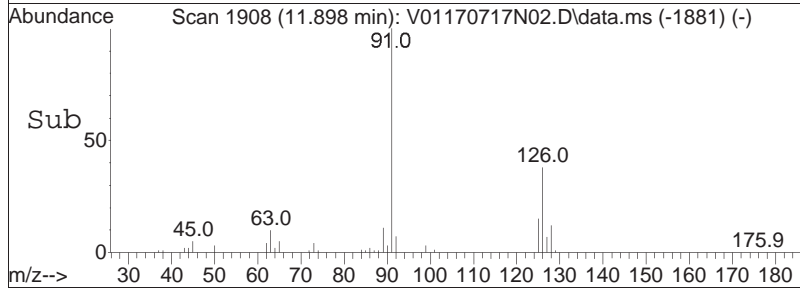
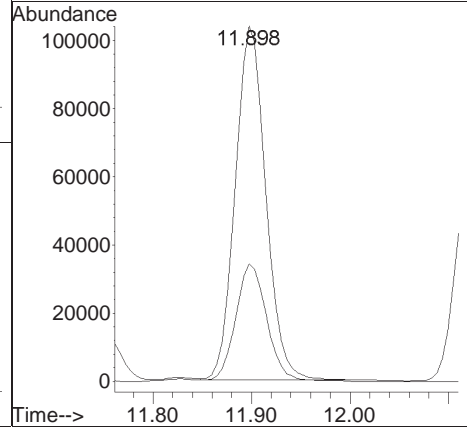
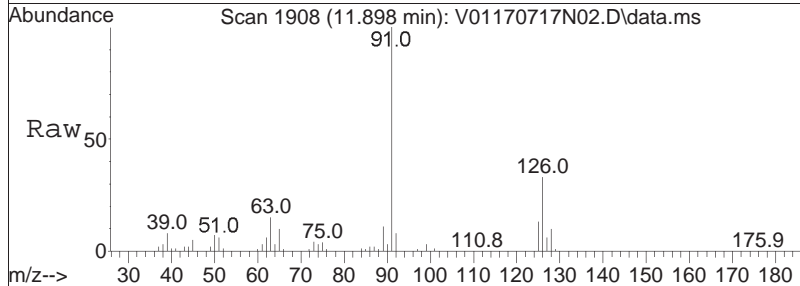
Tgt Ion	Resp	Lower	Upper
53	10380		
88	45.0	41.7	62.5
75	82.1	81.3	121.9

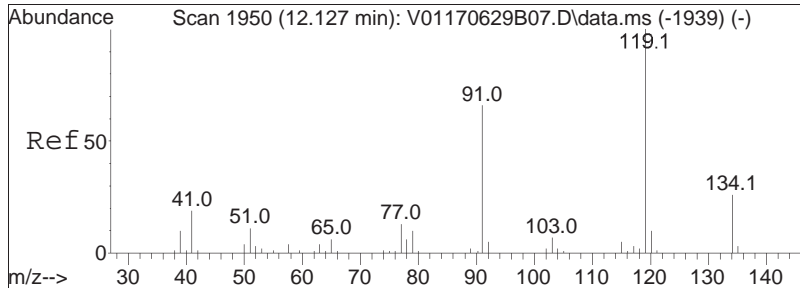




#93
 4-Chlorotoluene
 Concen: 9.08 ug/L
 RT: 11.898 min Scan# 1908
 Delta R.T. -0.000 min
 Lab File: V01170717N02.D
 Acq: 17 Jul 2017 8:40 pm

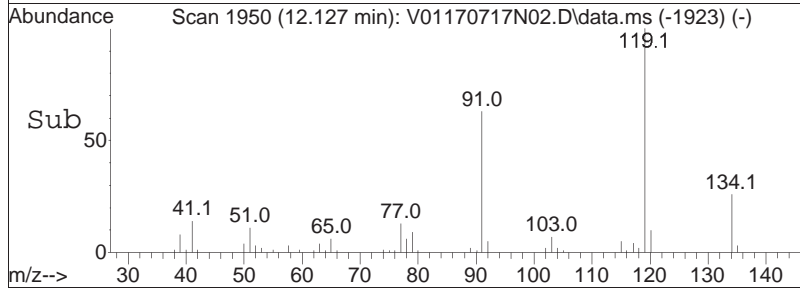
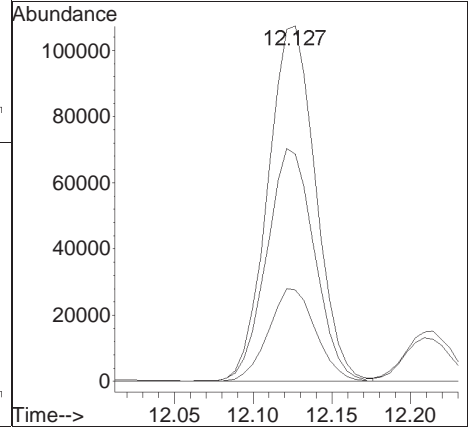
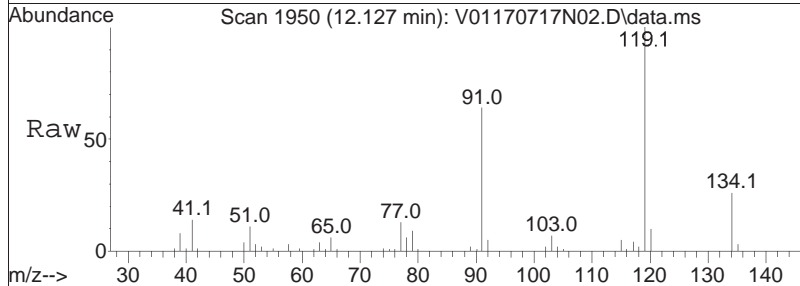
Tgt Ion	Resp	Lower	Upper
91	100		
126	34.0	23.7	35.5

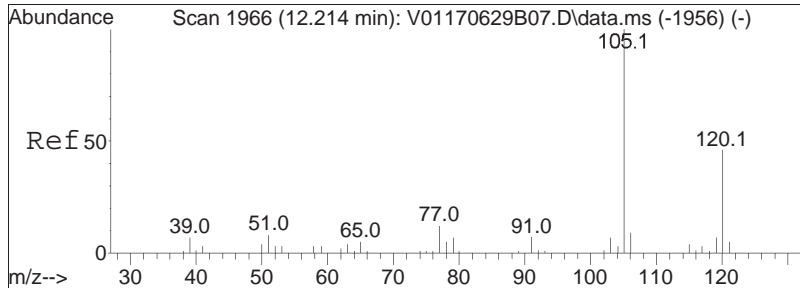




#94
 tert-Butylbenzene
 Concen: 9.38 ug/L
 RT: 12.127 min Scan# 1950
 Delta R.T. -0.000 min
 Lab File: V01170717N02.D
 Acq: 17 Jul 2017 8:40 pm

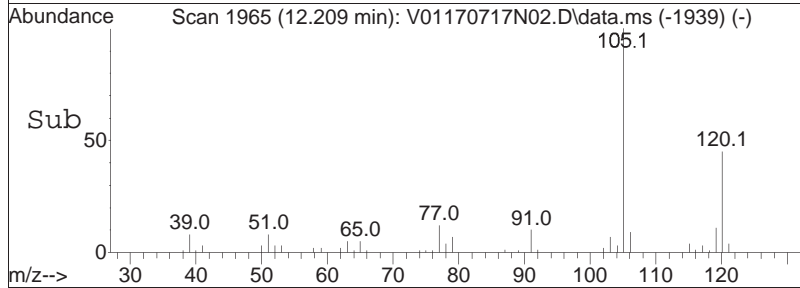
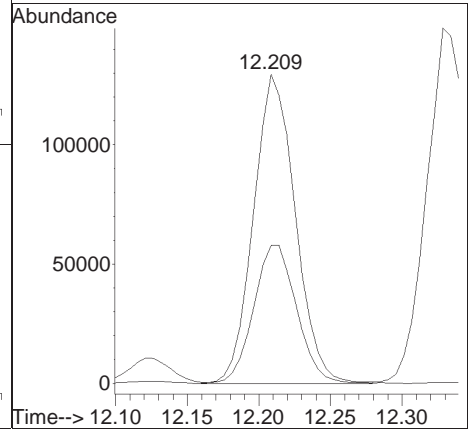
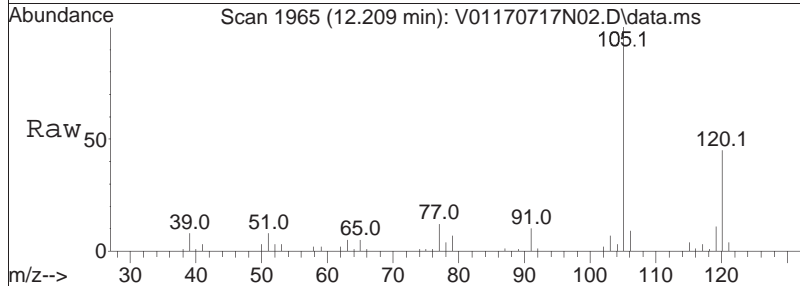
Tgt Ion	Resp	Lower	Upper
119	100		
91	65.1	60.2	90.4
134	25.7	19.9	29.9

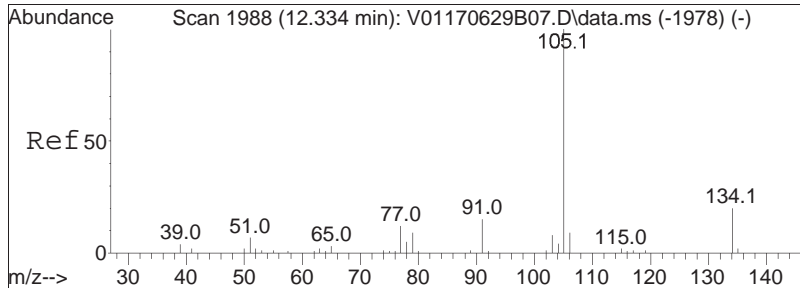




#97
 1,2,4-Trimethylbenzene
 Concen: 9.37 ug/L
 RT: 12.209 min Scan# 1965
 Delta R.T. -0.005 min
 Lab File: V01170717N02.D
 Acq: 17 Jul 2017 8:40 pm

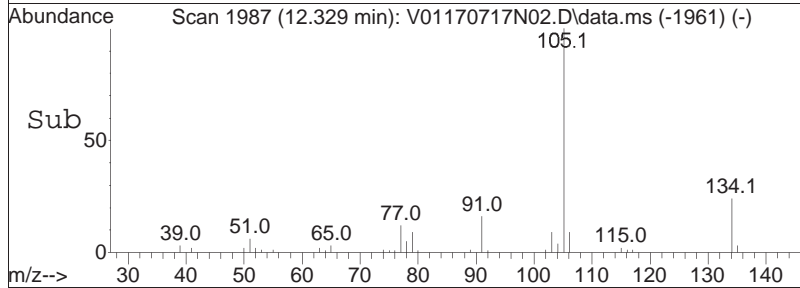
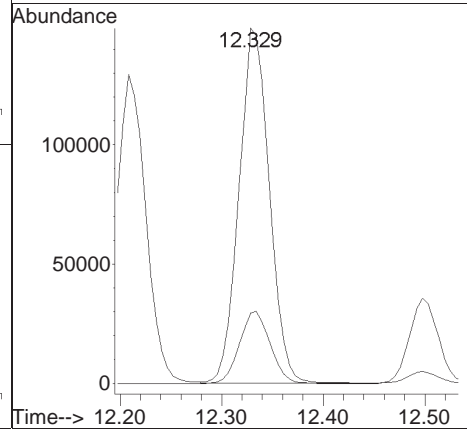
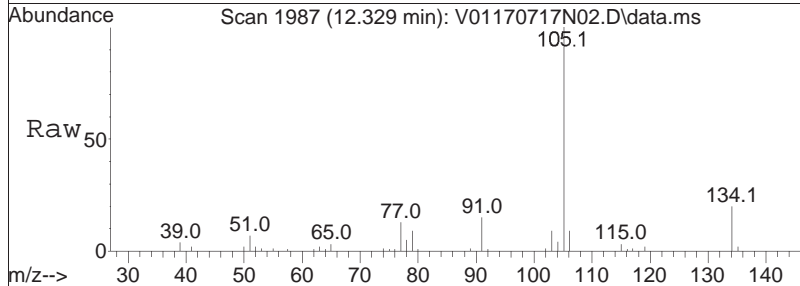
Tgt Ion: 105 Resp: 263063
 Ion Ratio Lower Upper
 105 100
 120 46.0 35.0 52.6

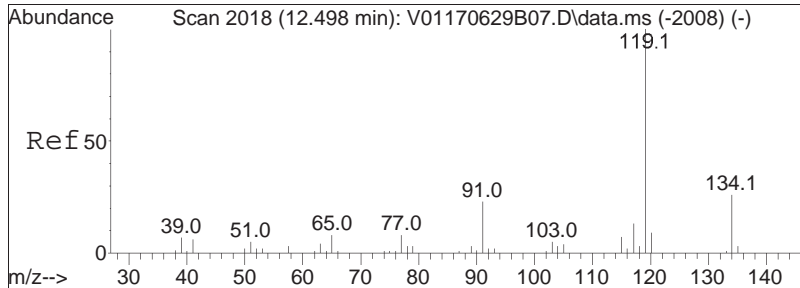




#98
 sec-Butylbenzene
 Concen: 8.86 ug/L
 RT: 12.329 min Scan# 1987
 Delta R.T. -0.005 min
 Lab File: V01170717N02.D
 Acq: 17 Jul 2017 8:40 pm

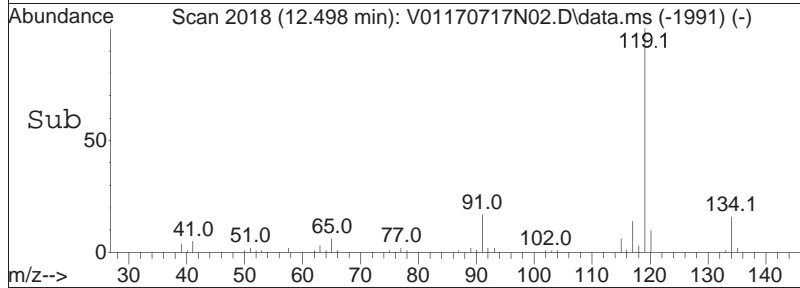
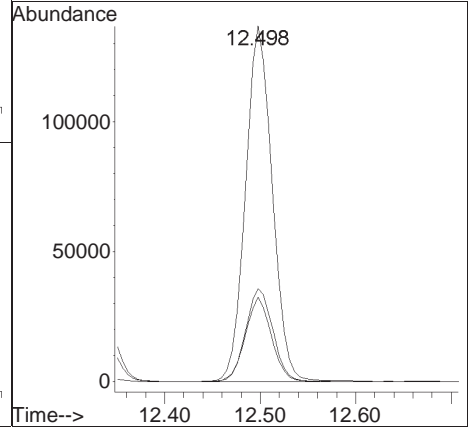
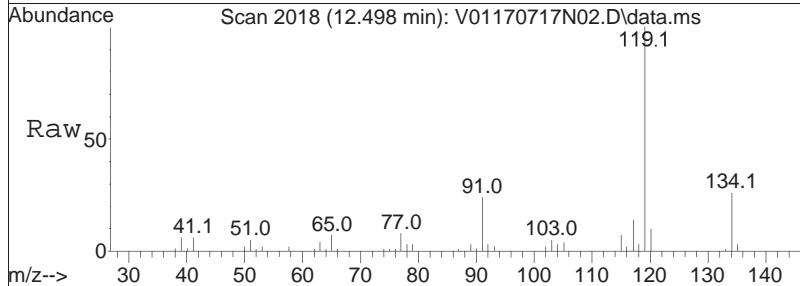
Tgt Ion	Resp	Lower	Upper
105	100		
134	20.4	12.5	26.1

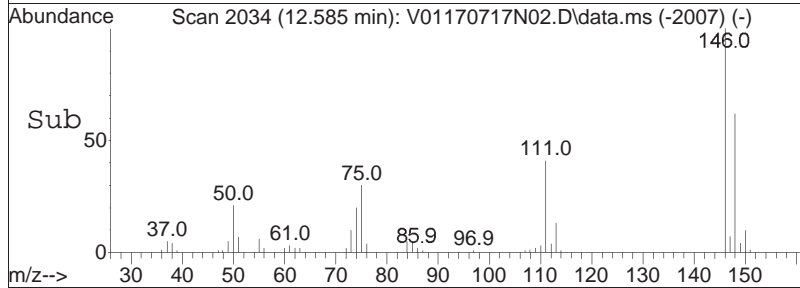
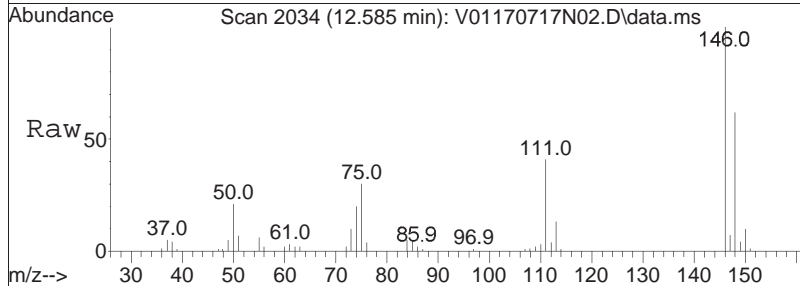
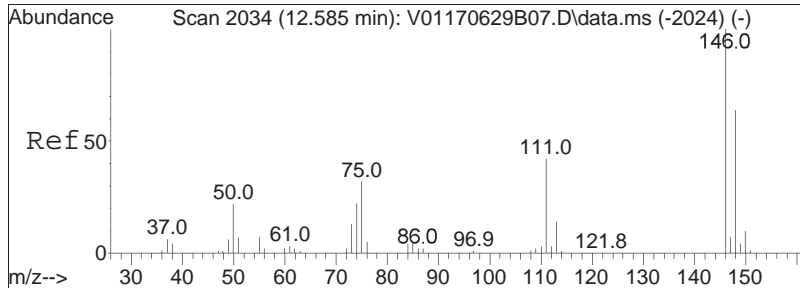




#99
 p-Isopropyltoluene
 Concen: 9.28 ug/L
 RT: 12.498 min Scan# 2018
 Delta R.T. -0.000 min
 Lab File: V01170717N02.D
 Acq: 17 Jul 2017 8:40 pm

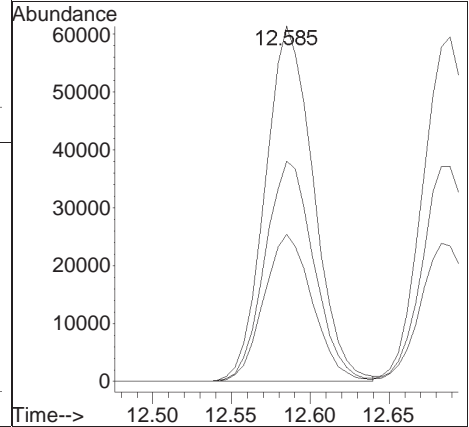
Tgt Ion	Resp	Lower	Upper
119	100		
134	26.3	17.2	35.6
91	23.1	17.7	36.9

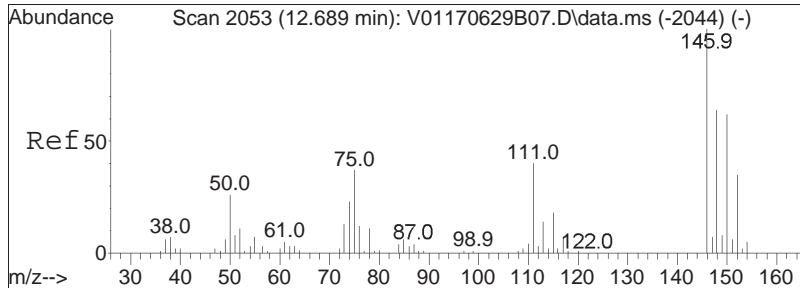




#100
 1,3-Dichlorobenzene
 Concen: 9.62 ug/L
 RT: 12.585 min Scan# 2034
 Delta R.T. 0.000 min
 Lab File: V01170717N02.D
 Acq: 17 Jul 2017 8:40 pm

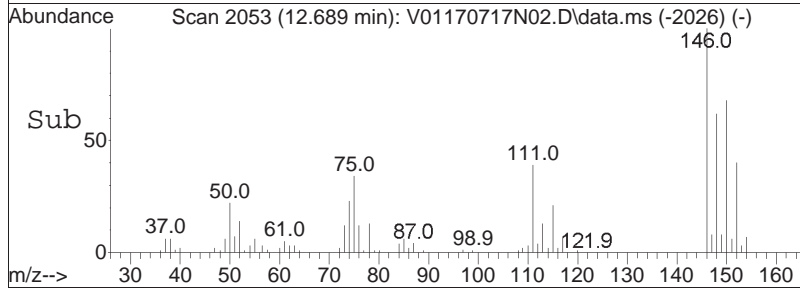
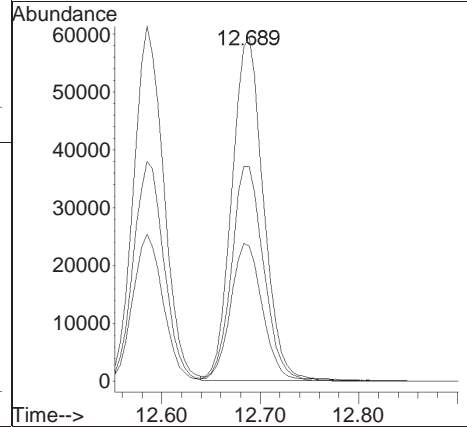
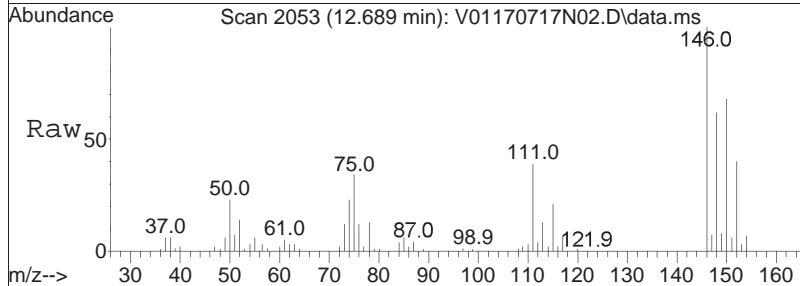
Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.7	28.7	59.5
148	62.7	41.1	85.5

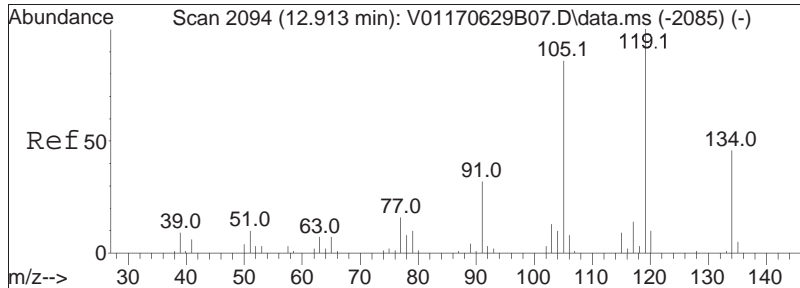




#101
 1,4-Dichlorobenzene
 Concen: 9.48 ug/L
 RT: 12.689 min Scan# 2053
 Delta R.T. -0.000 min
 Lab File: V01170717N02.D
 Acq: 17 Jul 2017 8:40 pm

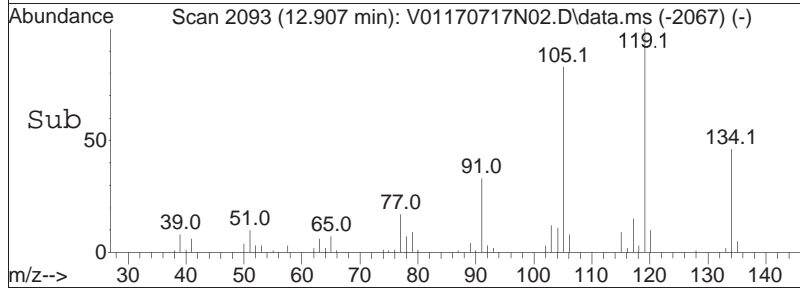
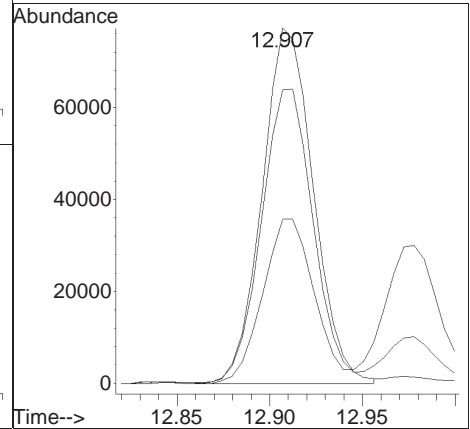
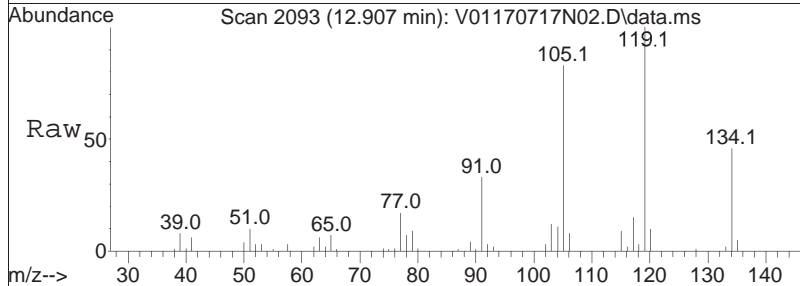
Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.1	35.0	52.4
148	64.5	51.0	76.6

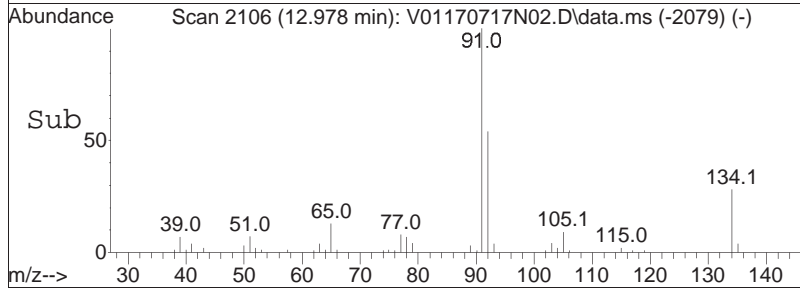
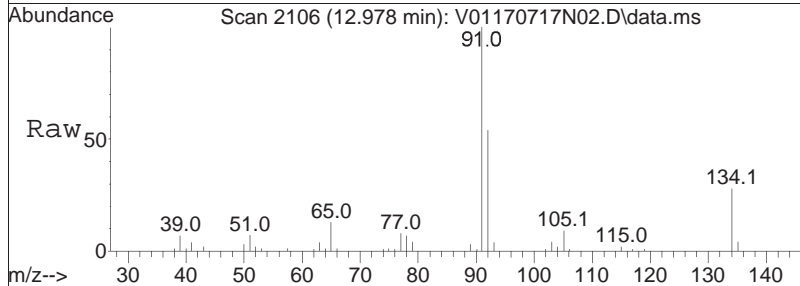
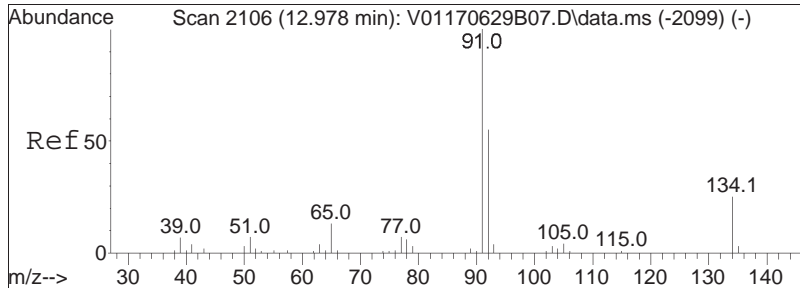




#102
 p-Diethylbenzene
 Concen: 9.38 ug/L
 RT: 12.907 min Scan# 2093
 Delta R.T. -0.006 min
 Lab File: V01170717N02.D
 Acq: 17 Jul 2017 8:40 pm

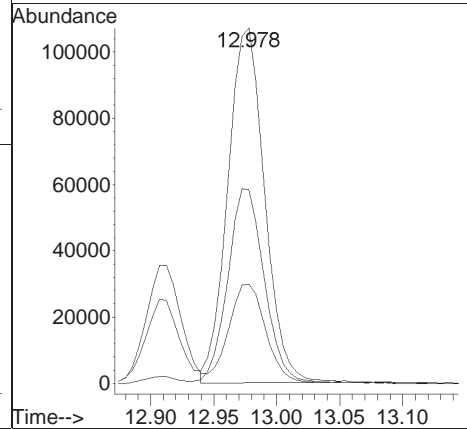
Tgt Ion	Resp	Lower	Upper
119	148376		
119	100		
105	83.4	57.7	119.9
134	46.8	30.0	62.2

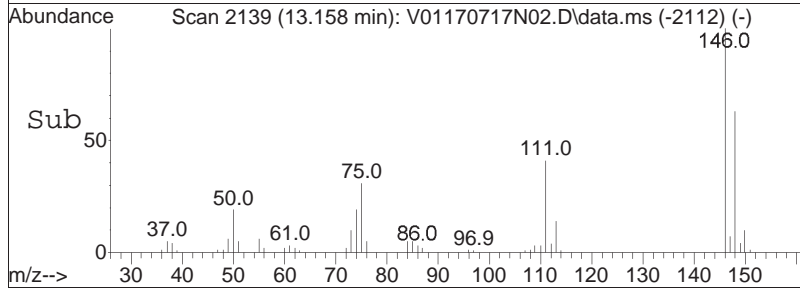
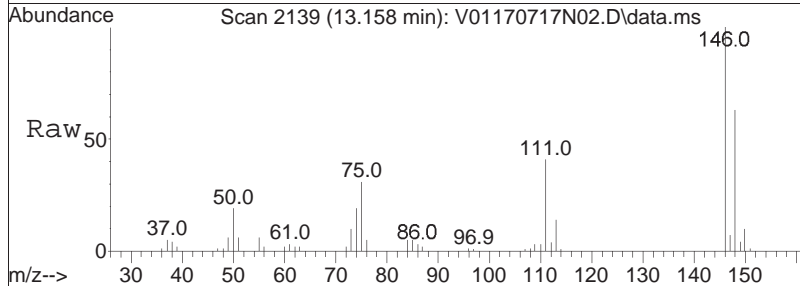
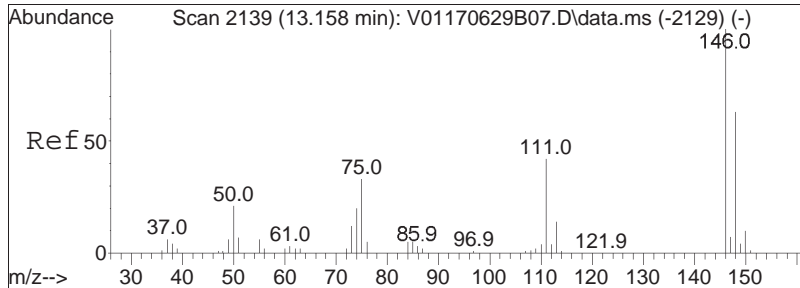




#103
 n-Butylbenzene
 Concen: 8.73 ug/L
 RT: 12.978 min Scan# 2106
 Delta R.T. -0.000 min
 Lab File: V01170717N02.D
 Acq: 17 Jul 2017 8:40 pm

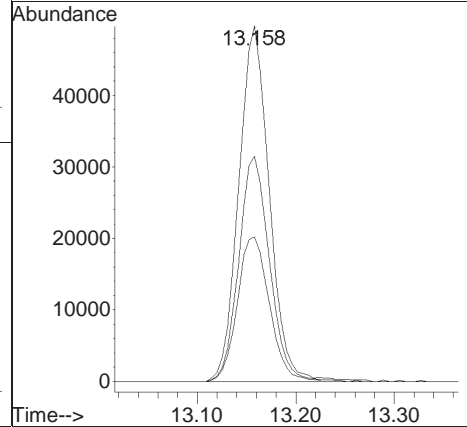
Tgt Ion:	91	92	134	Resp:	217852	Lower	Upper
Ion Ratio	100	55.0	27.7			43.4	65.0
						19.0	28.4

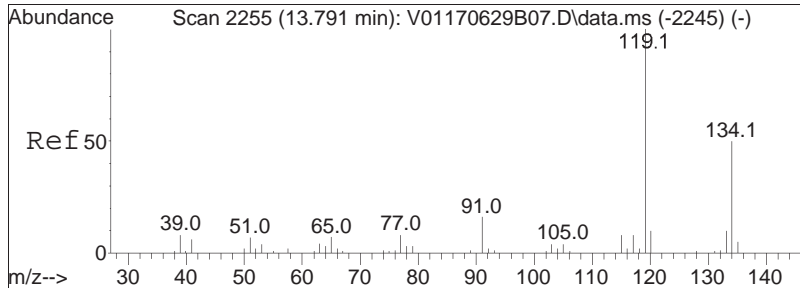




#104
 1,2-Dichlorobenzene
 Concen: 9.52 ug/L
 RT: 13.158 min Scan# 2139
 Delta R.T. -0.000 min
 Lab File: V01170717N02.D
 Acq: 17 Jul 2017 8:40 pm

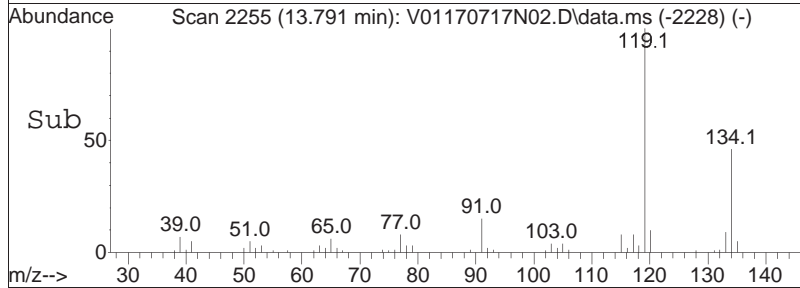
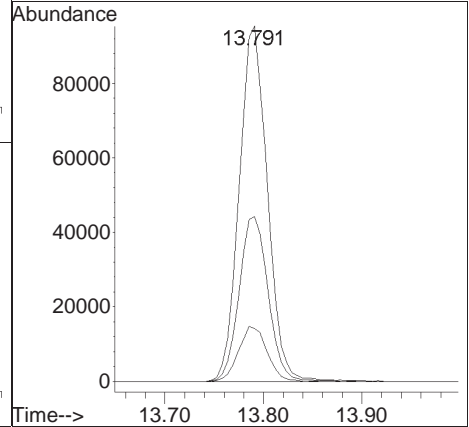
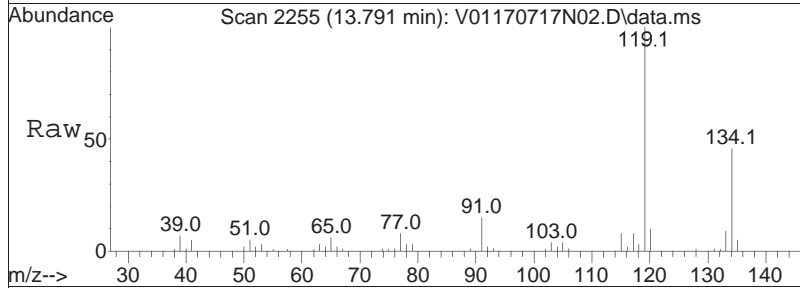
Tgt Ion	Resp	Lower	Upper
146	107483		
146	100		
111	42.6	29.1	60.3
148	63.6	40.8	84.8

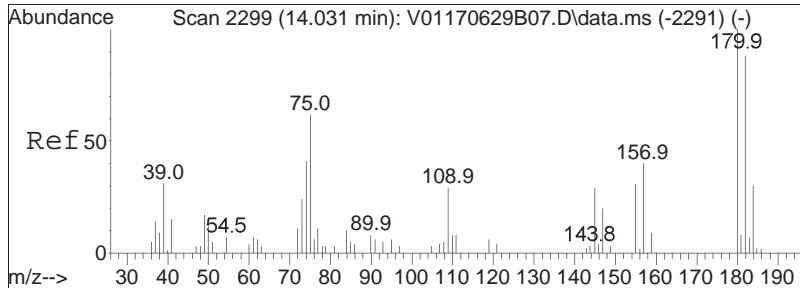




#105
 1,2,4,5-Tetramethylbenzene
 Concen: 9.49 ug/L
 RT: 13.791 min Scan# 2255
 Delta R.T. -0.000 min
 Lab File: V01170717N02.D
 Acq: 17 Jul 2017 8:40 pm

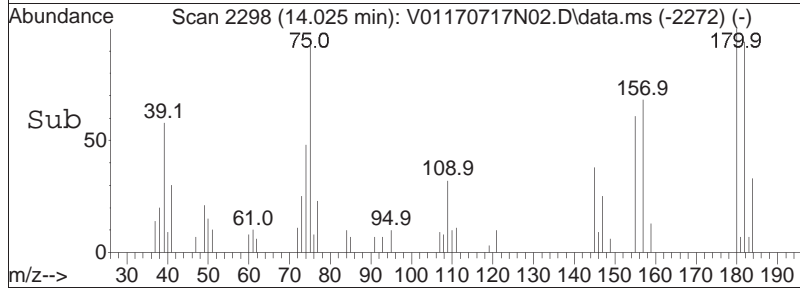
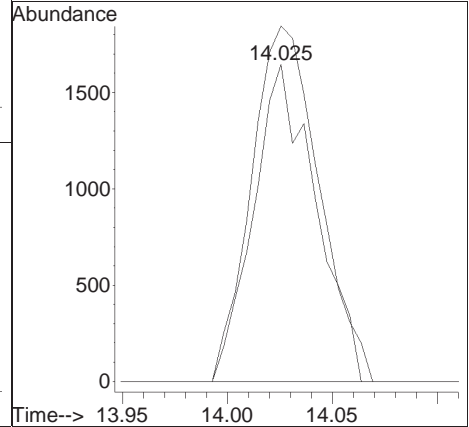
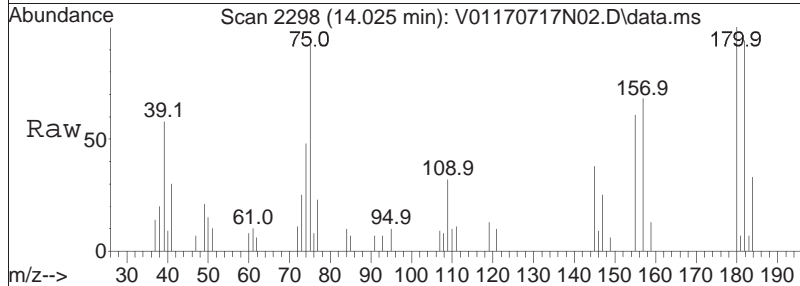
Tgt Ion	Resp	Lower	Upper
119	100		
134	47.8	29.3	60.9
91	15.6	11.8	24.4

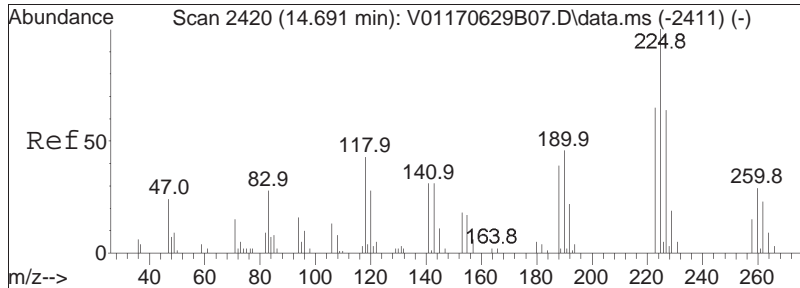




#106
 1,2-Dibromo-3-chloropropane
 Concen: 8.42 ug/L
 RT: 14.025 min Scan# 2298
 Delta R.T. -0.006 min
 Lab File: V01170717N02.D
 Acq: 17 Jul 2017 8:40 pm

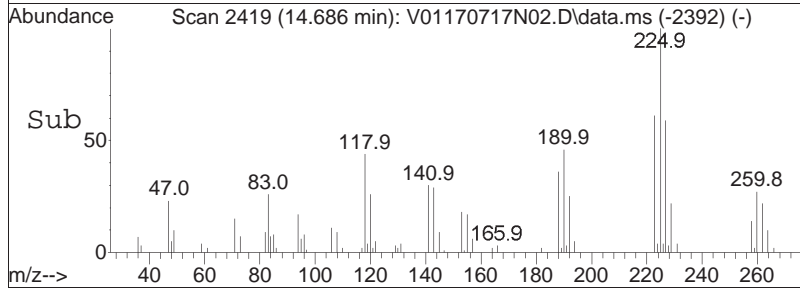
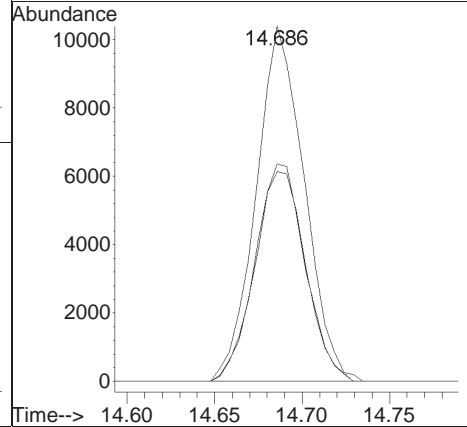
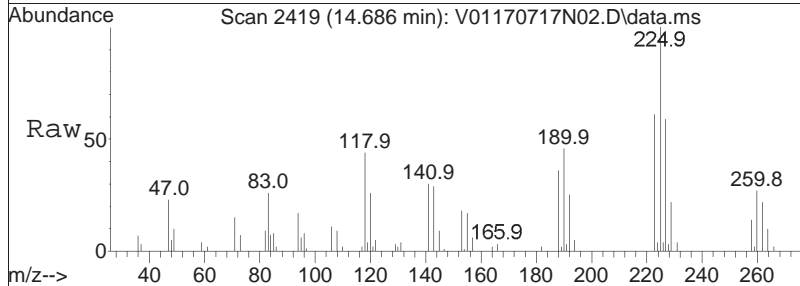
Tgt Ion	Resp	Lower	Upper
155	3400		
157	121.9	99.2	148.8

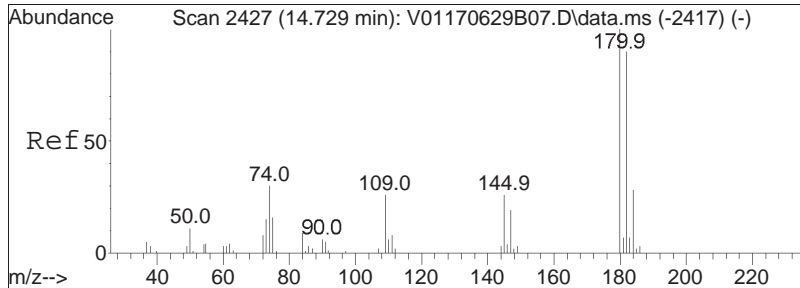




#108
 Hexachlorobutadiene
 Concen: 9.63 ug/L
 RT: 14.686 min Scan# 2419
 Delta R.T. -0.005 min
 Lab File: V01170717N02.D
 Acq: 17 Jul 2017 8:40 pm

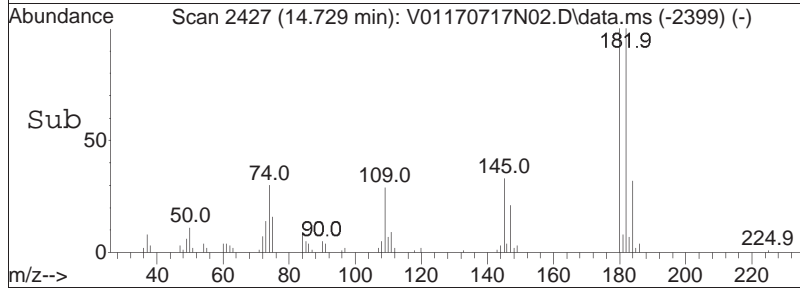
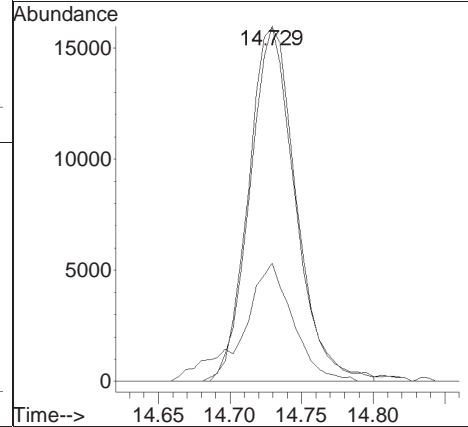
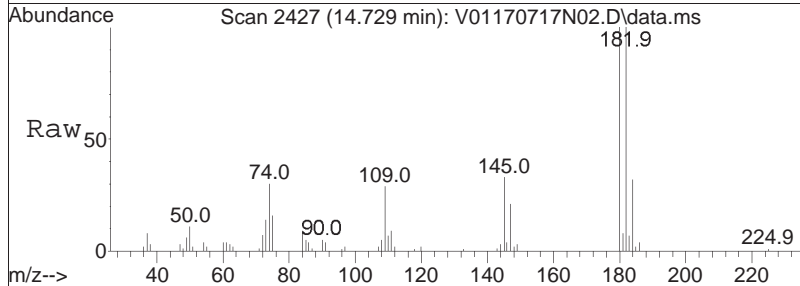
Tgt Ion	Resp	Lower	Upper
225	100		
223	63.5	50.7	76.1
227	62.5	53.5	80.3

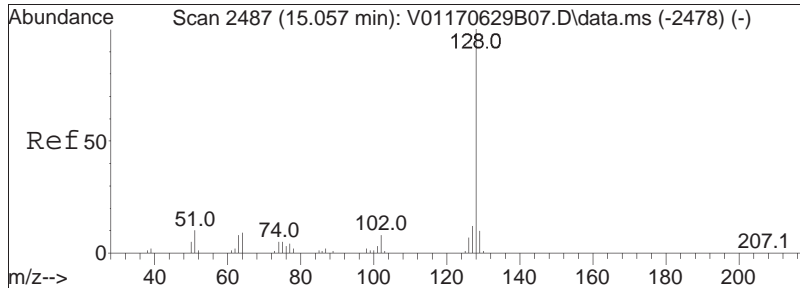




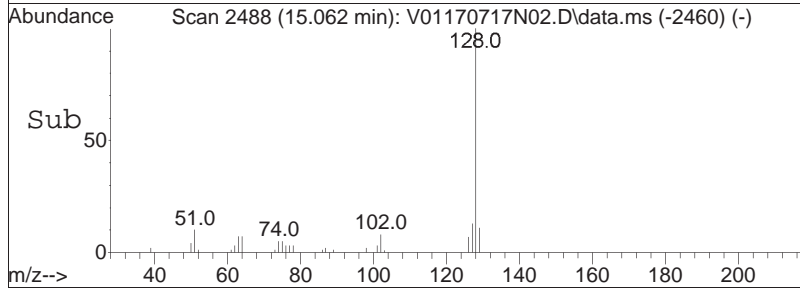
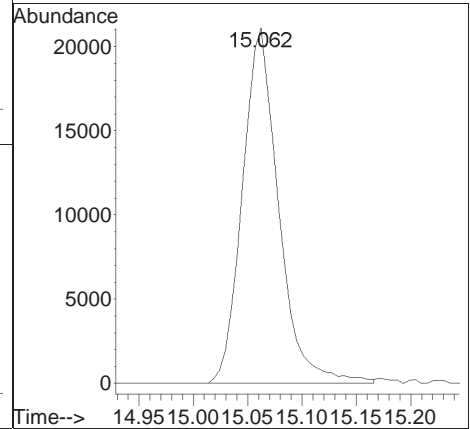
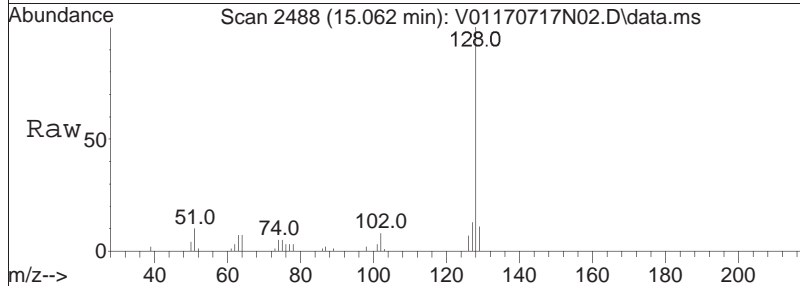
#109
 1,2,4-Trichlorobenzene
 Concen: 8.96 ug/L
 RT: 14.729 min Scan# 2427
 Delta R.T. 0.000 min
 Lab File: V01170717N02.D
 Acq: 17 Jul 2017 8:40 pm

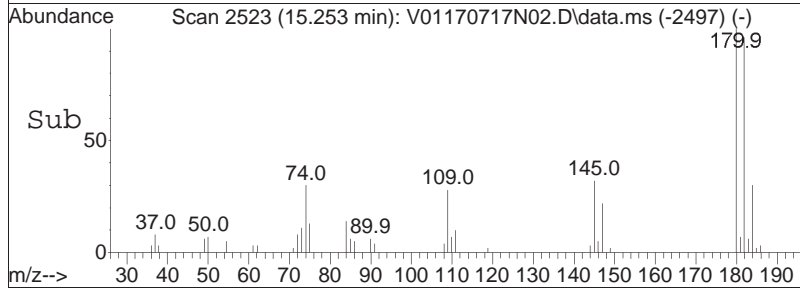
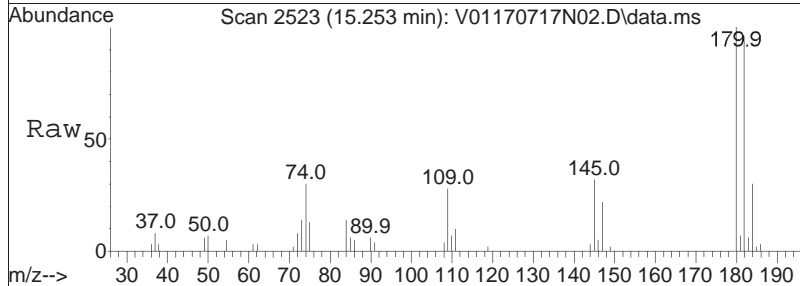
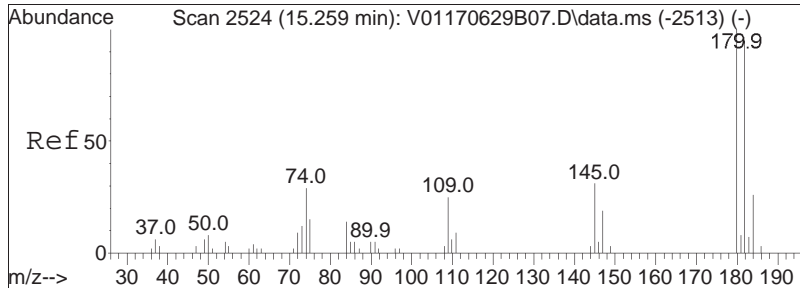
Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	75.0	112.4
145	35.8	28.5	42.7





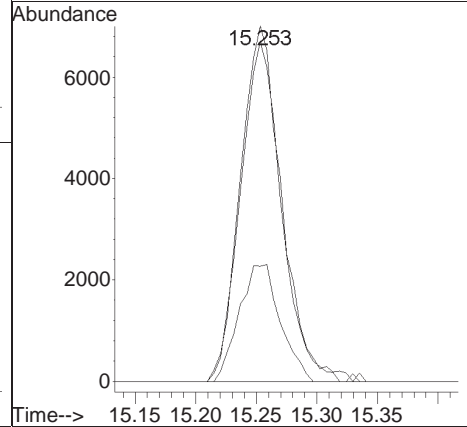
#110
 Naphthalene
 Concen: 8.30 ug/L
 RT: 15.062 min Scan# 2488
 Delta R.T. 0.005 min
 Lab File: V01170717N02.D
 Acq: 17 Jul 2017 8:40 pm
 Tgt Ion:128 Resp: 49032





#111
 1,2,3-Trichlorobenzene
 Concen: 8.61 ug/L
 RT: 15.253 min Scan# 2523
 Delta R.T. -0.006 min
 Lab File: V01170717N02.D
 Acq: 17 Jul 2017 8:40 pm

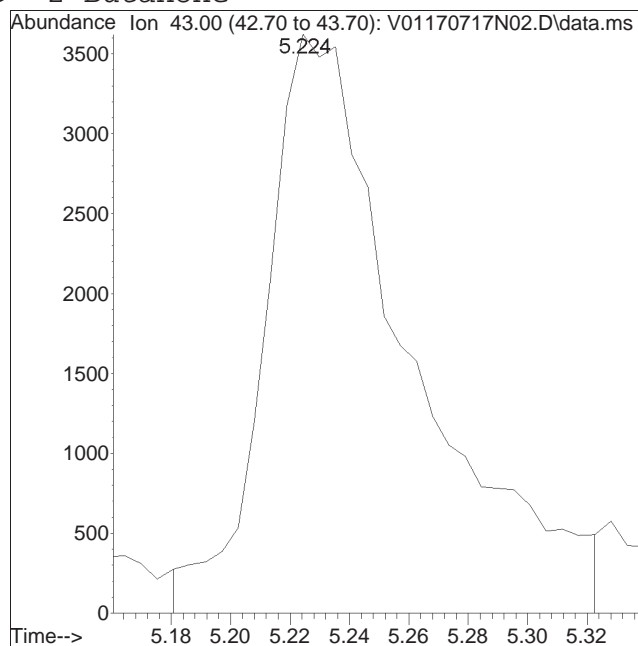
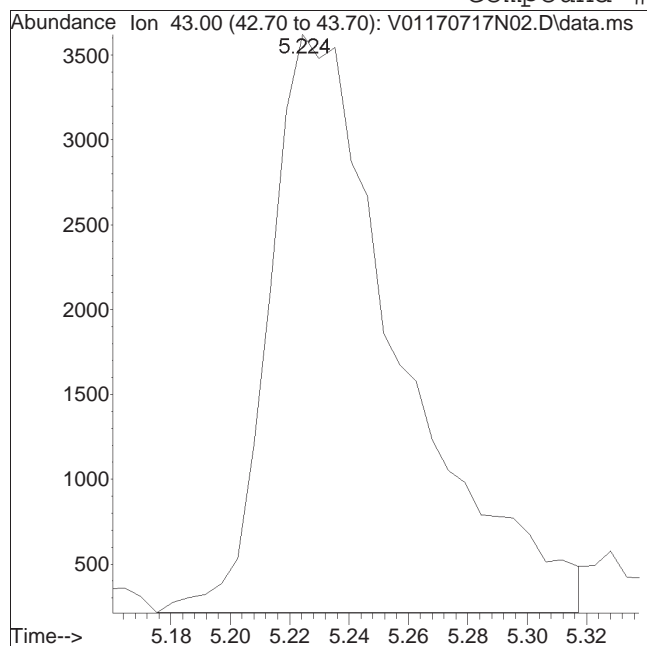
Tgt Ion	Resp	Lower	Upper
180	16688		
180	100		
182	93.9	73.3	109.9
145	32.5	26.2	39.4



Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2017\1QMethod : V101_170629B_8260.m
Data File : V01170717N02.D Operator : VOA101:PK
Date Inj'd : 7/17/2017 8:40 pm Instrument : VOA 101
Sample : WG1023473-3,31,10,10 Quant Date : 7/17/2017 9:04 pm

Compound #39: 2-Butanone



Original Peak Response = 10432

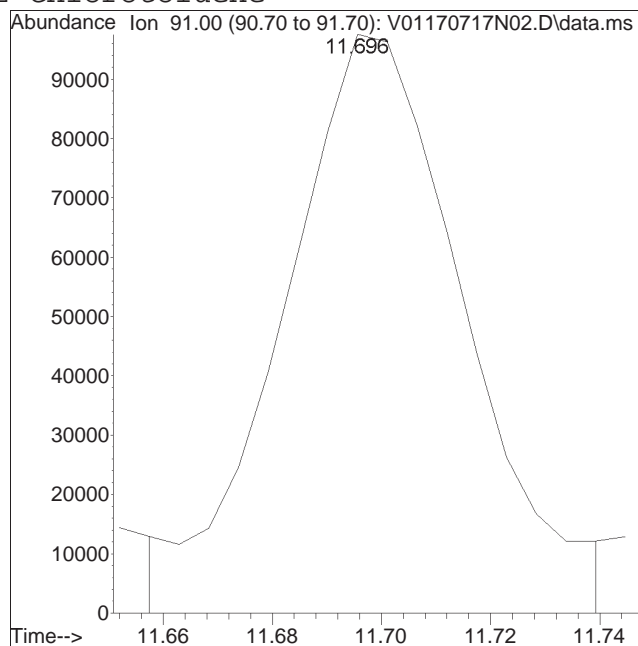
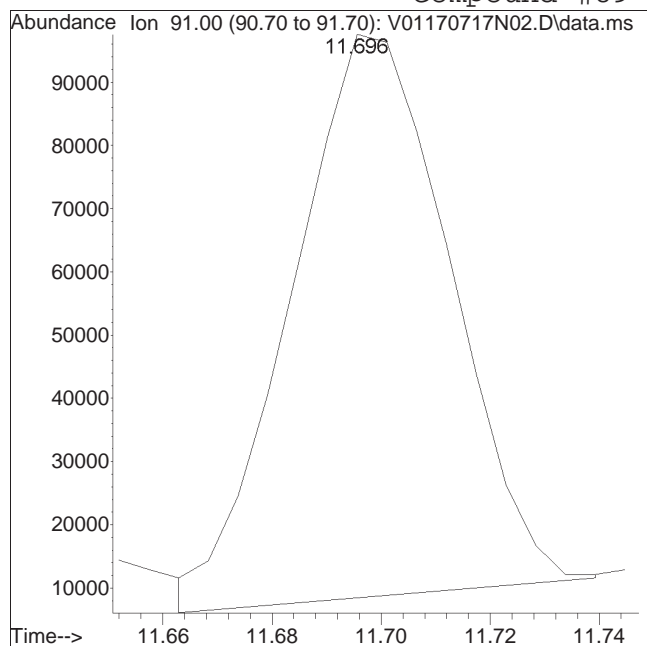
Manual Peak Response = 12312 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2017\1QMethod : V101_170629B_8260.m
Data File : V01170717N02.D Operator : VOA101:PK
Date Inj'd : 7/17/2017 8:40 pm Instrument : VOA 101
Sample : WG1023473-3,31,10,10 Quant Date : 7/17/2017 9:04 pm

Compound #89: 2-Chlorotoluene



Original Peak Response = 179847

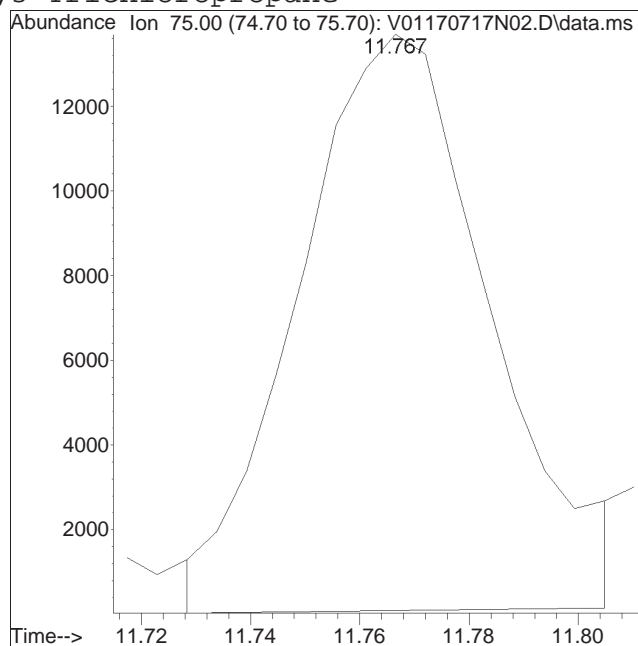
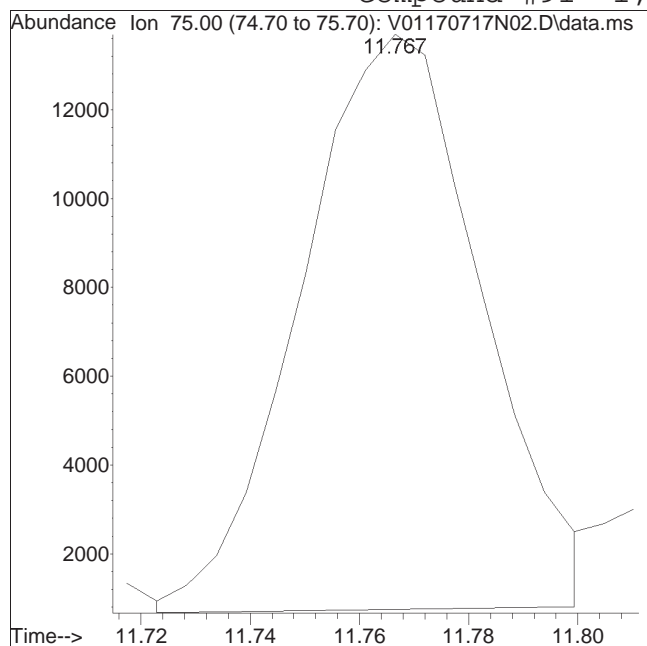
Manual Peak Response = 224196 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2017\1QMethod : V101_170629B_8260.m
Data File : V01170717N02.D Operator : VOA101:PK
Date Inj'd : 7/17/2017 8:40 pm Instrument : VOA 101
Sample : WG1023473-3,31,10,10 Quant Date : 7/17/2017 9:04 pm

Compound #91: 1,2,3-Trichloropropane



Original Peak Response = 29651

Manual Peak Response = 33082 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA117\2017\170718A\
 Data File : V17170718A01.D
 Acq On : 18 Jul 2017 07:10
 Operator : VOA117:CBN
 Sample : WG1023786-3,31h,15,15,0.1
 Misc : WG1023786,ICAL13689
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 18 07:36:40 2017
 Quant Method : I:\VOLATILES\VOA117\2017\170718A\V117_170525_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 25 12:01:44 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA117\2017\170718A\V17170718A01.D
 Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Fluorobenzene	6.347	96	159272	20.000	ug/L	0.00
Standard Area 1 = 159272			Recovery =	100.00%		
59) Chlorobenzene-d5	9.913	117	122212	20.000	ug/L	0.00
Standard Area 1 = 122212			Recovery =	100.00%		
79) 1,4-Dichlorobenzene-d4	12.534	152	67127	20.000	ug/L	0.00
Standard Area 1 = 67127			Recovery =	100.00%		
System Monitoring Compounds						
36) Dibromofluoromethane	5.519	113	41001	19.290	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery =	96.45%		
43) 1,2-Dichloroethane-d4	6.059	65	38600	17.740	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery =	88.70%		
60) Toluene-d8	8.051	98	163606	20.681	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery =	103.41%		
83) 4-Bromofluorobenzene	11.349	95	61540	20.993	ug/L	-0.01
Spiked Amount 20.000	Range 70 - 130		Recovery =	104.97%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.781	85	66062	18.939	ug/L	97
3) Chloromethane	1.990	50	75569	17.791	ug/L	99
4) Vinyl chloride	2.064	62	62926	15.220	ug/L	100
5) Bromomethane	2.410	94	34347	12.918	ug/L	99
6) Chloroethane	2.541	64	30242	13.709	ug/L	100
7) Trichlorofluoromethane	2.688	101	81486	15.365	ug/L	99
8) Ethyl ether	3.008	74	22047	19.407	ug/L	85
10) 1,1-Dichloroethene	3.202	96	47970	19.209	ug/L	93
11) Carbon disulfide	3.233	76	151336	16.066	ug/L	99
15) Methylene chloride	3.784	84	51390	18.464	ug/L	79
17) Acetone	3.841	43	7611	15.842	ug/L	89
18) trans-1,2-Dichloroethene	3.941	96	50878	18.585	ug/L	96
20) Methyl tert-butyl ether	4.051	73	110535	17.864	ug/L	93
23) 1,1-Dichloroethane	4.544	63	101966	17.876	ug/L	99
25) Acrylonitrile	4.596	53	11827	18.559	ug/L #	93
27) Vinyl acetate	4.785	43	88530	16.801	ug/L	97
28) cis-1,2-Dichloroethene	5.073	96	53727	18.351	ug/L	99
29) 2,2-Dichloropropane	5.183	77	78880	18.365	ug/L	85
30) Bromochloromethane	5.267	128	23277	18.043	ug/L	94
32) Chloroform	5.336	83	89601	17.426	ug/L	95

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA117\2017\170718A\
 Data File : V17170718A01.D
 Acq On : 18 Jul 2017 07:10
 Operator : VOA117:CBN
 Sample : WG1023786-3,31h,15,15,0.1
 Misc : WG1023786,ICAL13689
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 18 07:36:40 2017
 Quant Method : I:\VOLATILES\VOA117\2017\170718A\V117_170525_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 25 12:01:44 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA117\2017\170718A\V17170718A01.D
 Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Carbon tetrachloride	5.477	117	77241	18.721	ug/L	100
37) 1,1,1-Trichloroethane	5.550	97	85777	18.143	ug/L	99
39) 2-Butanone	5.645	43	12394	16.831	ug/L #	65
40) 1,1-Dichloropropene	5.671	75	68140	18.168	ug/L	98
41) Benzene	5.923	78	202744	17.999	ug/L	96
44) 1,2-Dichloroethane	6.127	62	59543	15.725	ug/L	100
48) Trichloroethene	6.515	95	59148	18.112	ug/L	97
50) Dibromomethane	6.966	93	25973	17.049	ug/L	96
51) 1,2-Dichloropropane	7.076	63	59090	17.946	ug/L	100
54) Bromodichloromethane	7.139	83	63982	17.066	ug/L	99
57) 1,4-Dioxane	7.359	88	17868	1035.767	ug/L #	95
58) cis-1,3-Dichloropropene	7.842	75	75600	17.849	ug/L #	85
61) Toluene	8.109	92	124908	19.063	ug/L	99
62) 4-Methyl-2-pentanone	8.550	58	11929	18.245	ug/L	76
63) Tetrachloroethene	8.560	166	60185	19.694	ug/L	97
65) trans-1,3-Dichloropropene	8.591	75	61592	18.230	ug/L #	80
68) 1,1,2-Trichloroethane	8.780	83	32661	18.728	ug/L	97
69) Chlorodibromomethane	8.990	129	48131	18.691	ug/L	100
70) 1,3-Dichloropropane	9.111	76	55361	18.196	ug/L	99
71) 1,2-Dibromoethane	9.278	107	34827	18.483	ug/L	100
72) 2-Hexanone	9.561	43	19042	16.262	ug/L	91
73) Chlorobenzene	9.934	112	139486	18.661	ug/L	96
74) Ethylbenzene	9.965	91	240477	18.483	ug/L	99
75) 1,1,1,2-Tetrachloroethane	10.012	131	52055	19.070	ug/L	100
76) p/m Xylene	10.154	106	187239	37.433	ug/L	96
77) o Xylene	10.673	106	170809	36.002	ug/L	96
78) Styrene	10.736	104	285393	36.663	ug/L	98
80) Bromoform	10.752	173	30901	18.690	ug/L	99
82) Isopropylbenzene	11.040	105	241849	19.154	ug/L	99
84) Bromobenzene	11.465	156	61008	19.168	ug/L	100
85) n-Propylbenzene	11.501	91	296557	18.863	ug/L	98
87) 1,1,2,2-Tetrachloroethane	11.575	83	41520	18.060	ug/L	99
88) 4-Ethyltoluene	11.622	105	251231	19.912	ug/L	99
89) 2-Chlorotoluene	11.669	91	177410	19.153	ug/L	95
90) 1,3,5-Trimethylbenzene	11.716	105	218154	19.289	ug/L	98
91) 1,2,3-Trichloropropane	11.722	75	32240	17.506	ug/L	95
92) trans-1,4-Dichloro-2-b...	11.769	53	12075	16.663	ug/L #	81
93) 4-Chlorotoluene	11.847	91	177924	18.843	ug/L	97
94) tert-Butylbenzene	12.052	119	181098	19.370	ug/L	97

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA117\2017\170718A\
 Data File : V17170718A01.D
 Acq On : 18 Jul 2017 07:10
 Operator : VOA117:CBN
 Sample : WG1023786-3,31h,15,15,0.1
 Misc : WG1023786,ICAL13689
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 18 07:36:40 2017
 Quant Method : I:\VOLATILES\VOA117\2017\170718A\V117_170525_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 25 12:01:44 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA117\2017\170718A\V17170718A01.D
 Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97) 1,2,4-Trimethylbenzene	12.125	105	217924	19.548	ug/L	98
98) sec-Butylbenzene	12.241	105	272767	19.225	ug/L	99
99) p-Isopropyltoluene	12.387	119	232905	19.424	ug/L	99
100) 1,3-Dichlorobenzene	12.456	146	123596	19.023	ug/L	99
101) 1,4-Dichlorobenzene	12.545	146	119721	18.707	ug/L	99
102) p-Diethylbenzene	12.755	119	145375	19.739	ug/L	98
103) n-Butylbenzene	12.812	91	233816	18.865	ug/L	99
104) 1,2-Dichlorobenzene	12.964	146	108193	18.684	ug/L	98
105) 1,2,4,5-Tetramethylben...	13.536	119	223309	20.097	ug/L	98
106) 1,2-Dibromo-3-chloropr...	13.735	155	6004	18.047	ug/L	99
108) Hexachlorobutadiene	14.327	225	56416	20.888	ug/L	99
109) 1,2,4-Trichlorobenzene	14.359	180	85044	19.624	ug/L	98
110) Naphthalene	14.653	128	138969	18.343	ug/L	100
111) 1,2,3-Trichlorobenzene	14.820	180	75402	19.376	ug/L	99

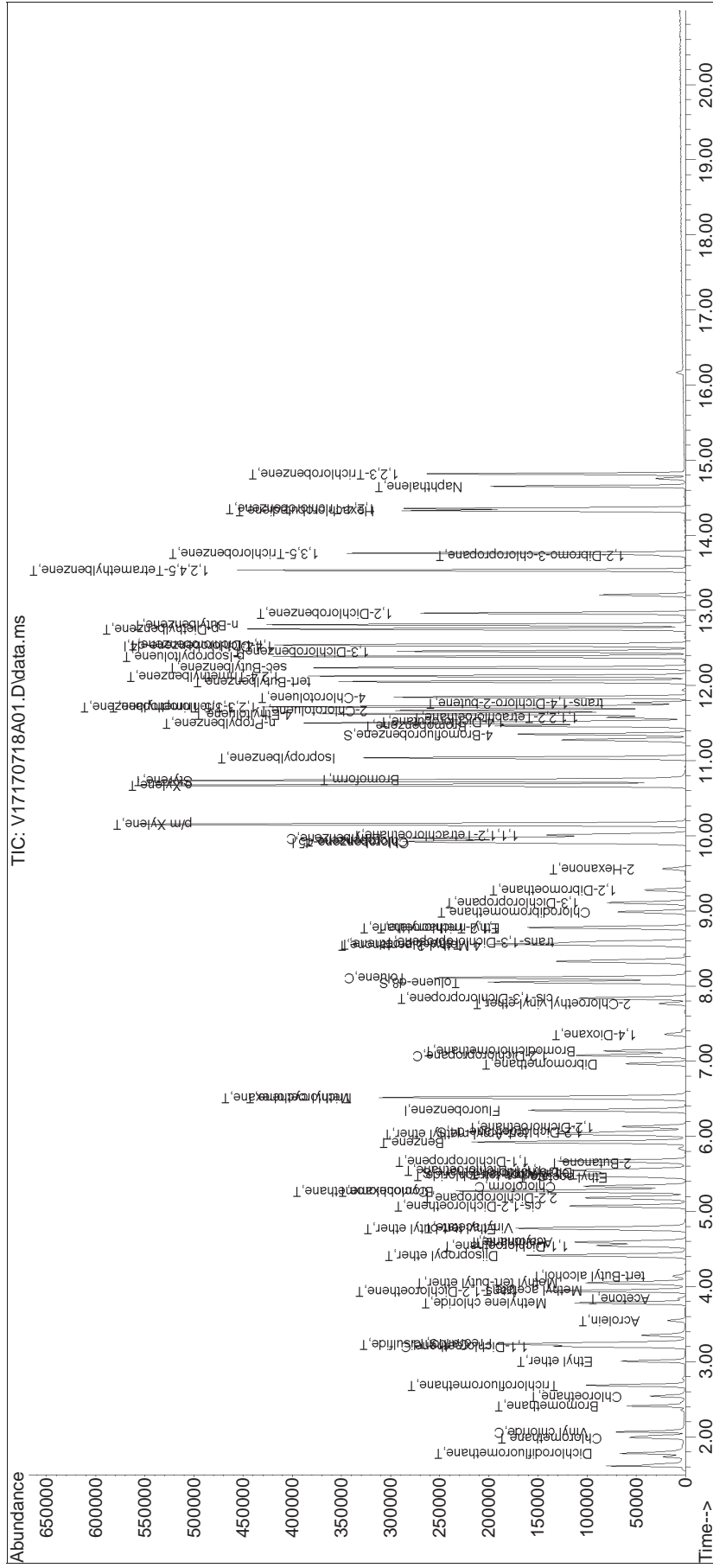
(#) = qualifier out of range (m) = manual integration (+) = signals summed

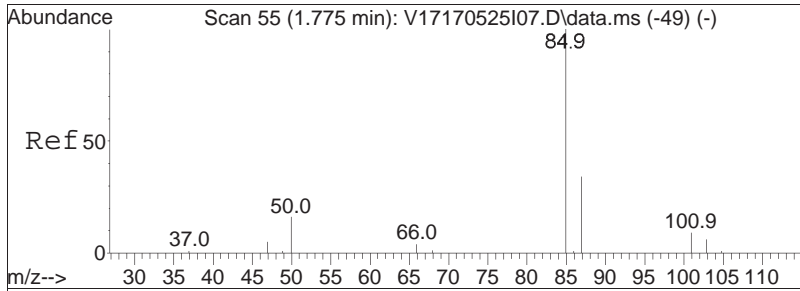
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA117\2017\170718A\
 Data File : V17170718A01.D
 Acq On : 18 Jul 2017 07:10
 Operator : VOA117:CBN
 Sample : WG1023786-3,31h,15,15,0.1
 Misc : WG1023786,ICAL13689
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 18 07:36:40 2017
 Quant Method : I:\VOLATILES\VOA117\2017\170718A\170718A_V117_170525_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 25 12:01:44 2017
 Response via : Initial Calibration

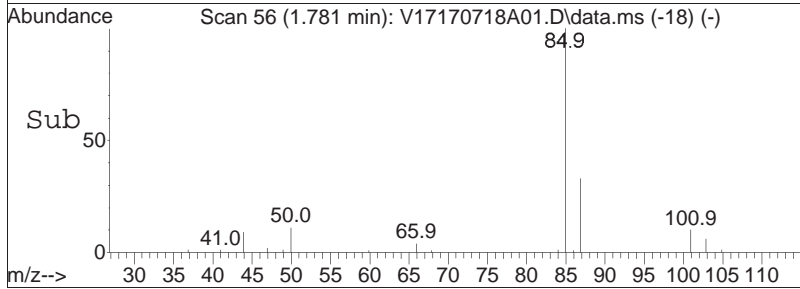
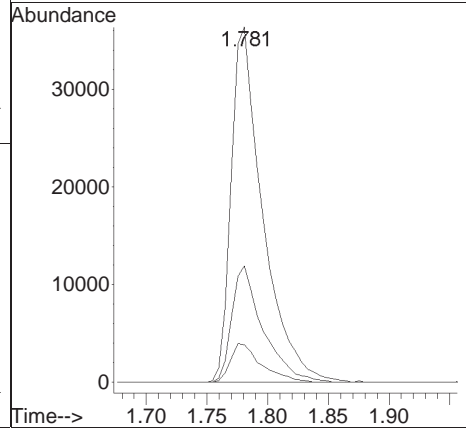
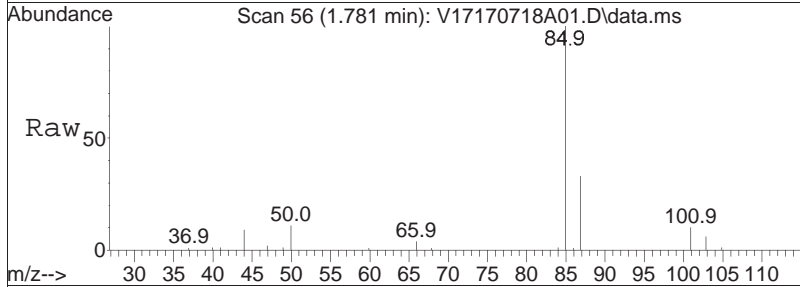
Sub List : 8260-CurveSoil - Megamix plus Diox8A\V17170718A01.D•

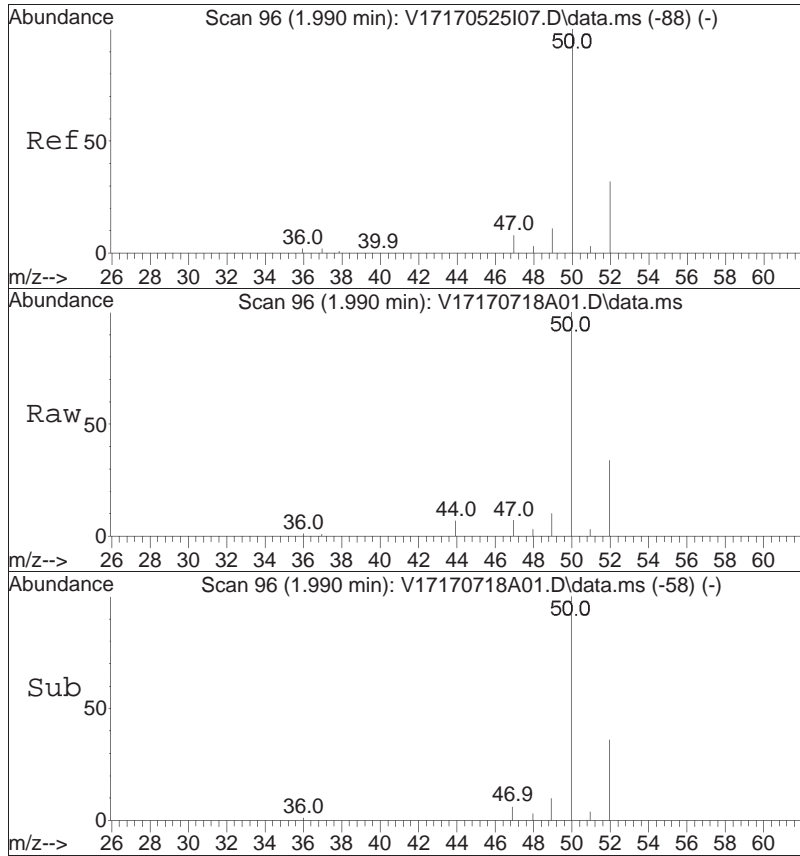




#2
 Dichlorodifluoromethane
 Concen: 18.94 ug/L
 RT: 1.781 min Scan# 56
 Delta R.T. -0.000 min
 Lab File: V17170718A01.D
 Acq: 18 Jul 2017 07:10

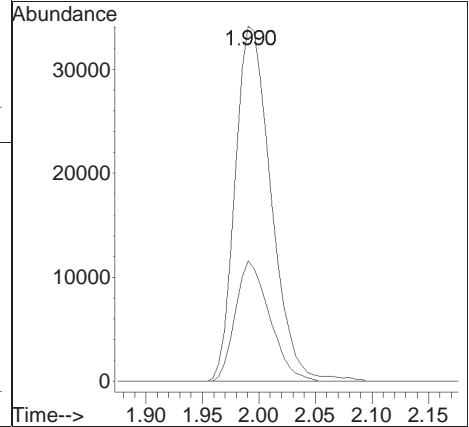
Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.3	20.9	43.5
50	10.8	9.2	19.0

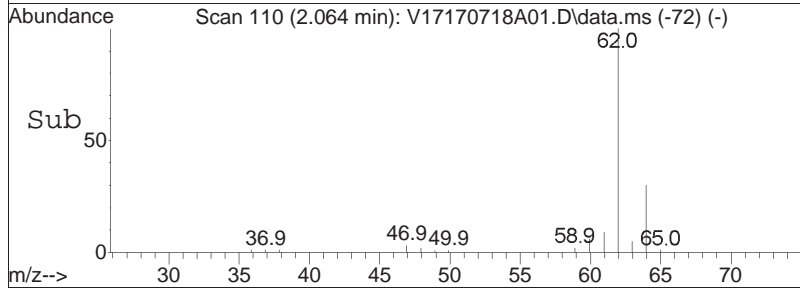
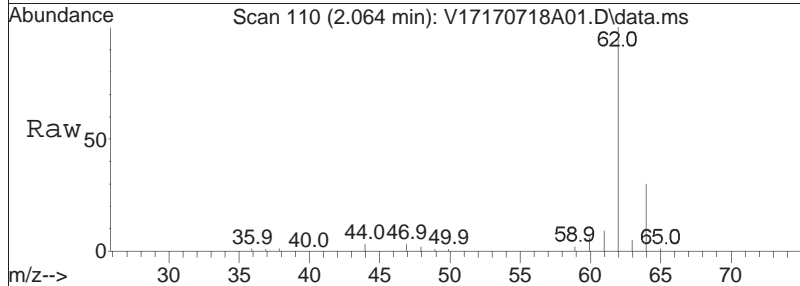
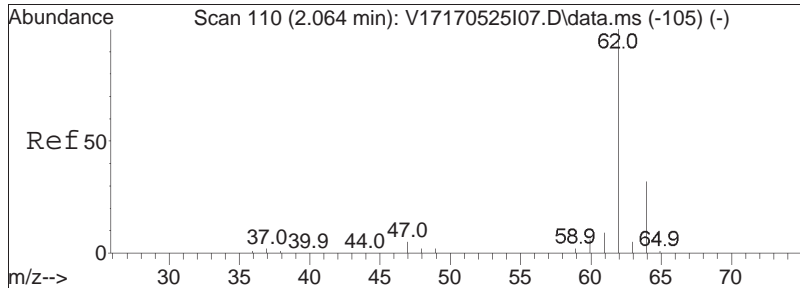




#3
 Chloromethane
 Concen: 17.79 ug/L
 RT: 1.990 min Scan# 96
 Delta R.T. -0.000 min
 Lab File: V17170718A01.D
 Acq: 18 Jul 2017 07:10

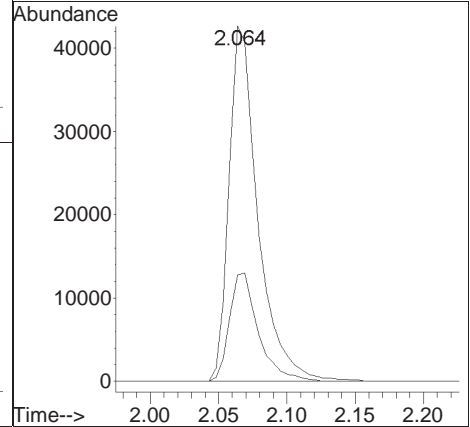
Tgt Ion:	50	Resp:	75569
Ion Ratio	Lower	Upper	
50	100		
52	32.4	11.9	51.9

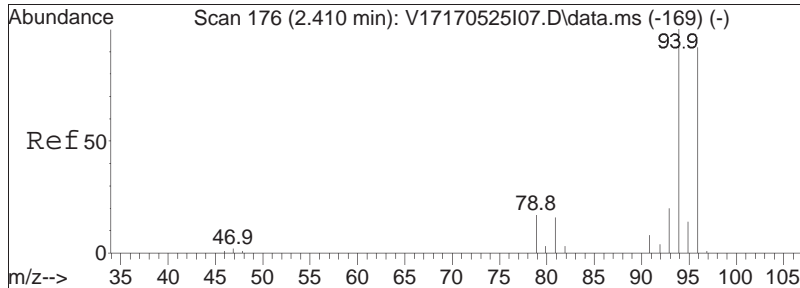




#4
 Vinyl chloride
 Concen: 15.22 ug/L
 RT: 2.064 min Scan# 110
 Delta R.T. -0.000 min
 Lab File: V17170718A01.D
 Acq: 18 Jul 2017 07:10

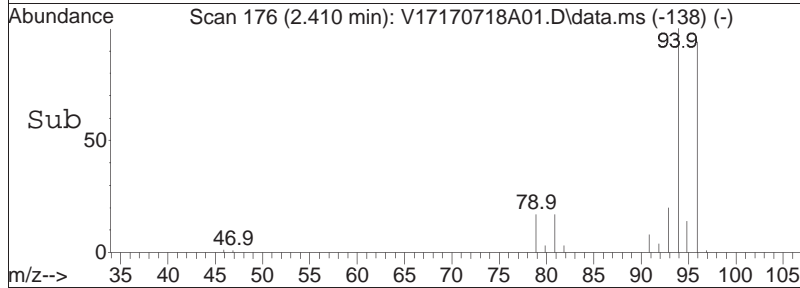
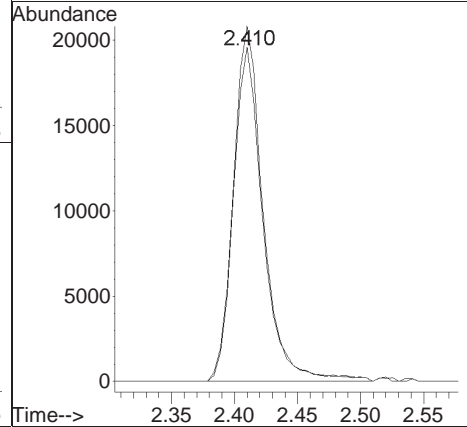
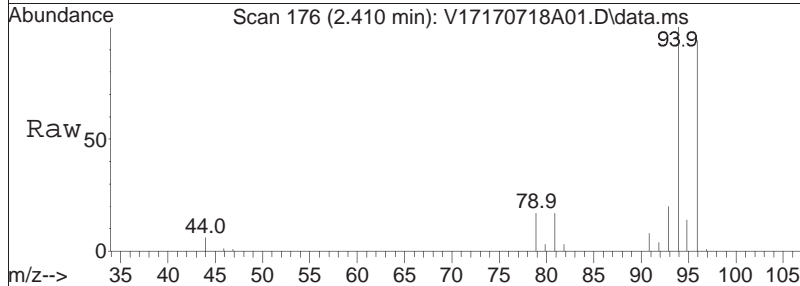
Tgt Ion:	Resp:		
Ion	Ratio	Lower	Upper
62	100		
64	30.4	10.2	50.2

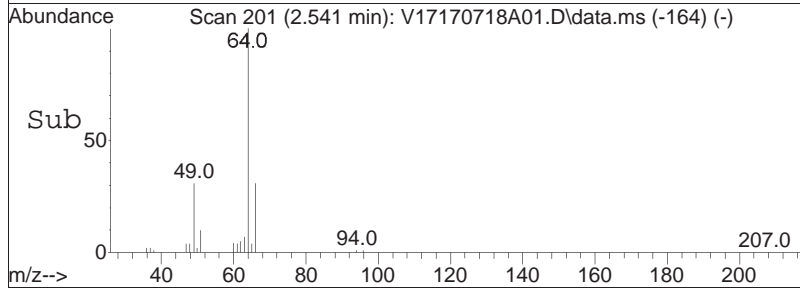
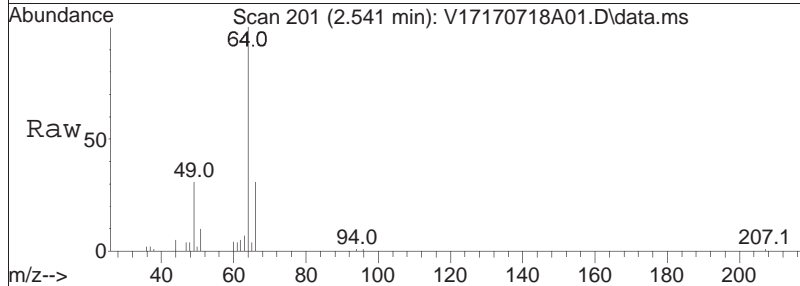
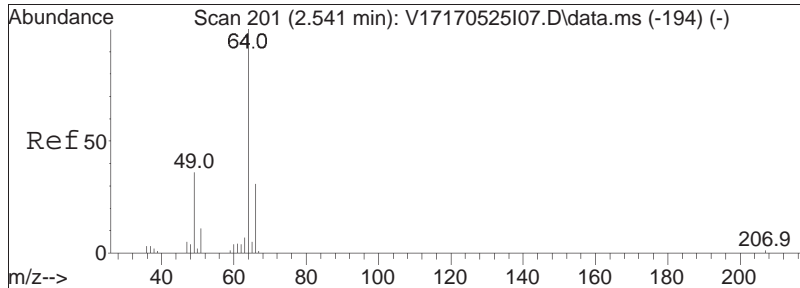




#5
 Bromomethane
 Concen: 12.92 ug/L
 RT: 2.410 min Scan# 176
 Delta R.T. -0.000 min
 Lab File: V17170718A01.D
 Acq: 18 Jul 2017 07:10

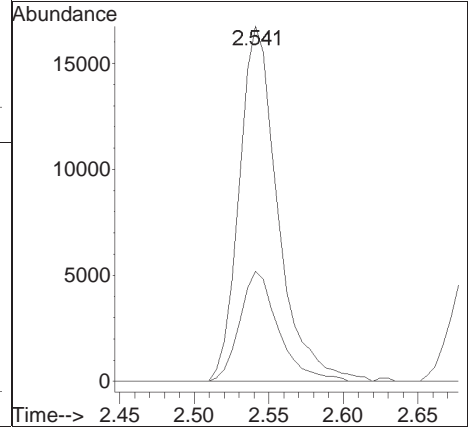
Tgt Ion: 94 Resp: 34347
 Ion Ratio Lower Upper
 94 100
 96 93.4 74.6 114.6

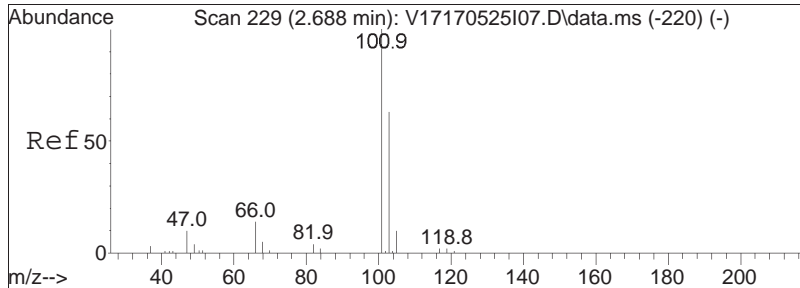




#6
 Chloroethane
 Concen: 13.71 ug/L
 RT: 2.541 min Scan# 201
 Delta R.T. -0.005 min
 Lab File: V17170718A01.D
 Acq: 18 Jul 2017 07:10

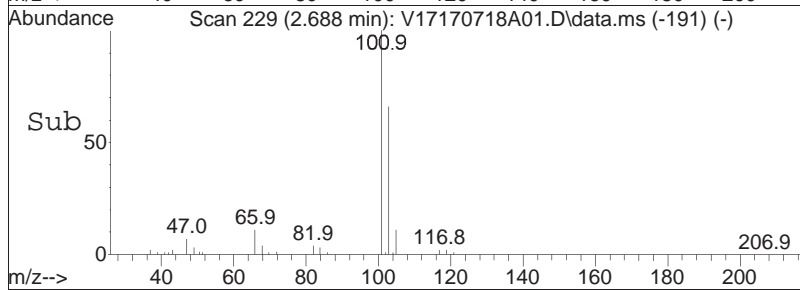
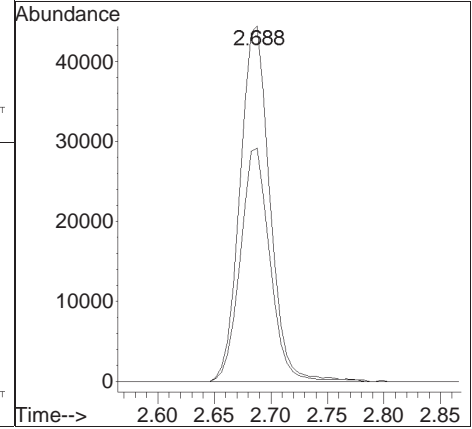
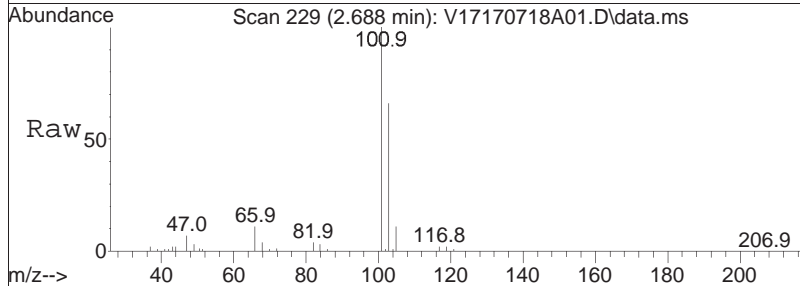
Tgt Ion:	Resp:	Lower	Upper
64	30242		
66	31.1	11.2	51.2

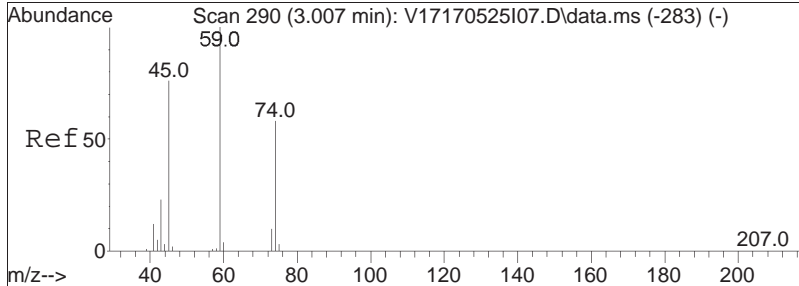




#7
 Trichlorofluoromethane
 Concen: 15.37 ug/L
 RT: 2.688 min Scan# 229
 Delta R.T. -0.000 min
 Lab File: V17170718A01.D
 Acq: 18 Jul 2017 07:10

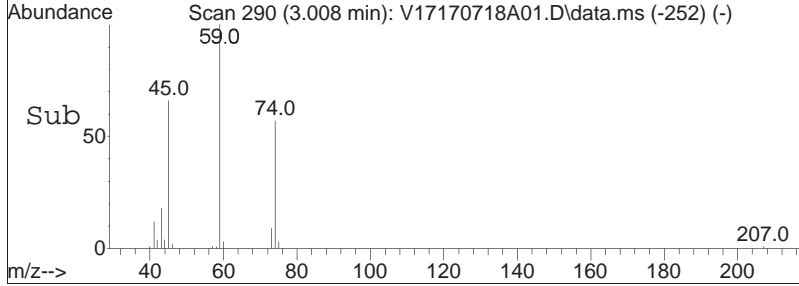
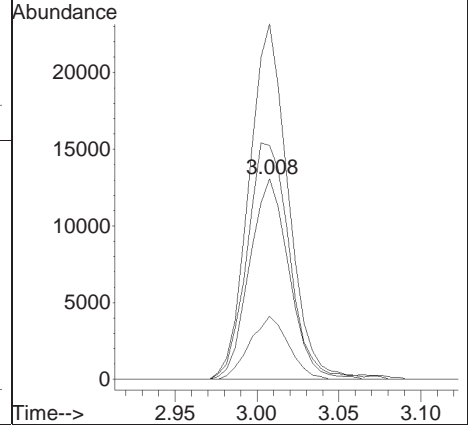
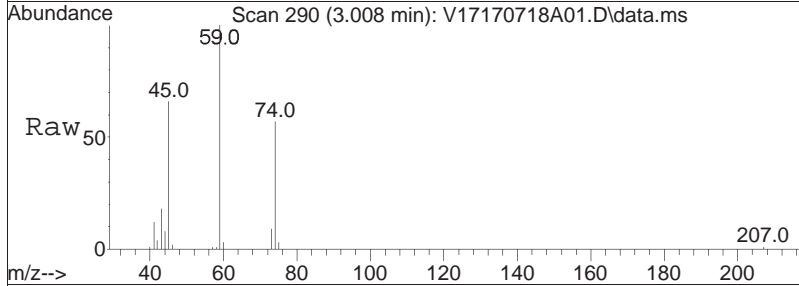
Tgt Ion	Resp	Lower	Upper
101	81486		
101	100		
103	65.1	52.6	78.8

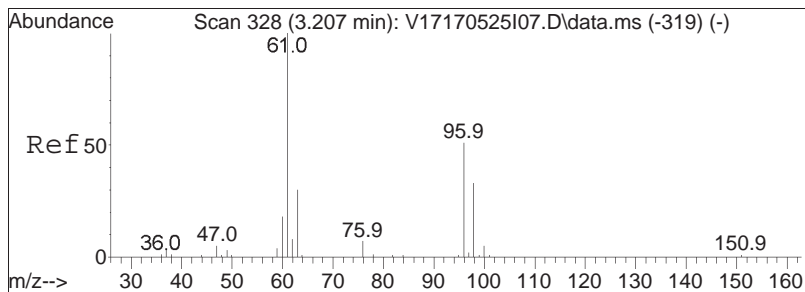




#8
 Ethyl ether
 Concen: 19.41 ug/L
 RT: 3.008 min Scan# 290
 Delta R.T. -0.000 min
 Lab File: V17170718A01.D
 Acq: 18 Jul 2017 07:10

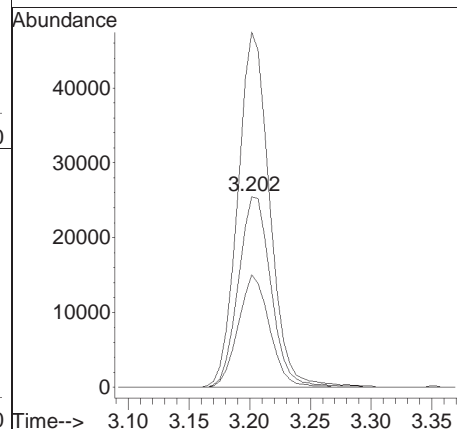
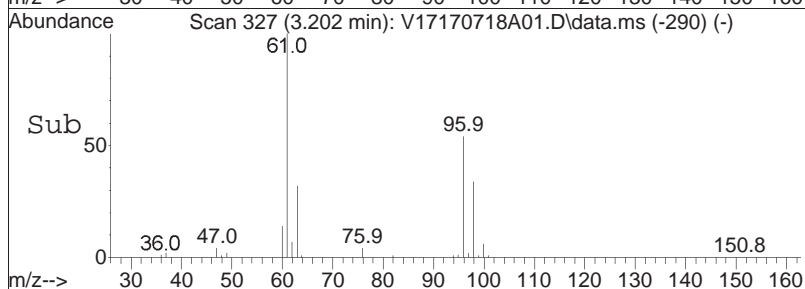
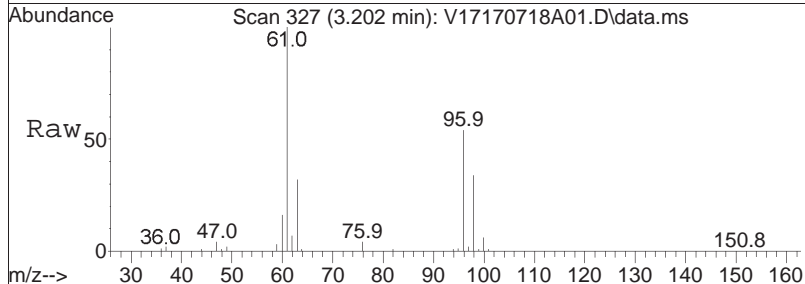
Tgt Ion	Resp	Lower	Upper
74	100		
59	176.4	122.6	254.6
45	126.0	102.1	212.1
43	30.8	24.8	51.6

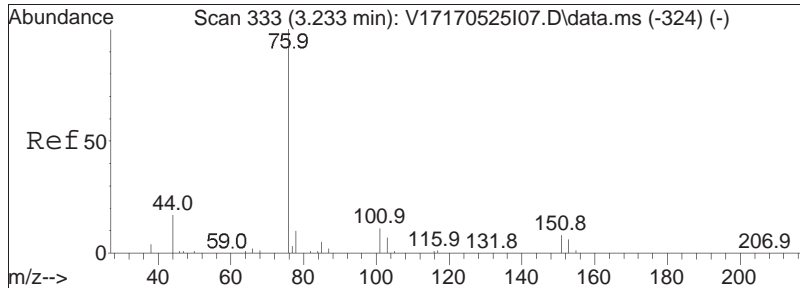




#10
 1,1-Dichloroethene
 Concen: 19.21 ug/L
 RT: 3.202 min Scan# 327
 Delta R.T. -0.005 min
 Lab File: V17170718A01.D
 Acq: 18 Jul 2017 07:10

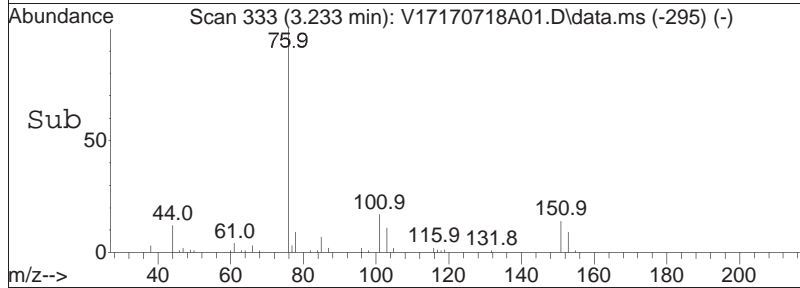
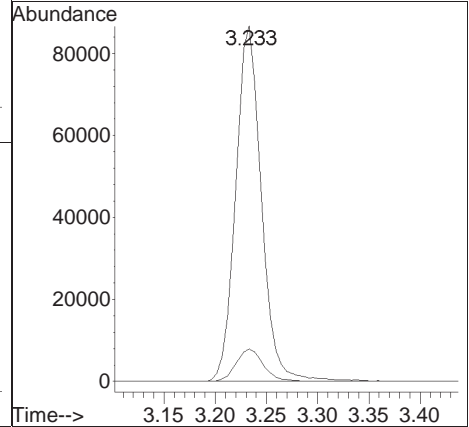
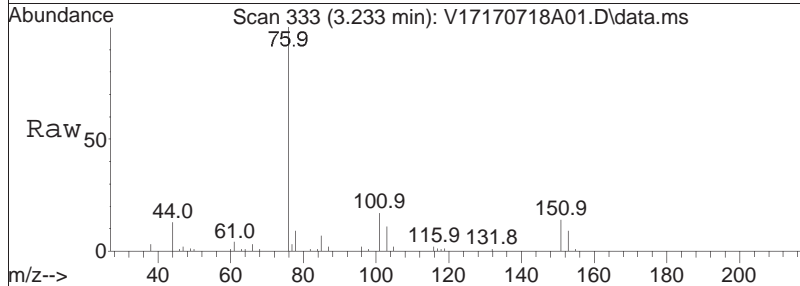
Tgt Ion	Resp	Lower	Upper
96	47970		
96	100		
61	181.4	153.9	230.9
63	56.7	48.2	72.2

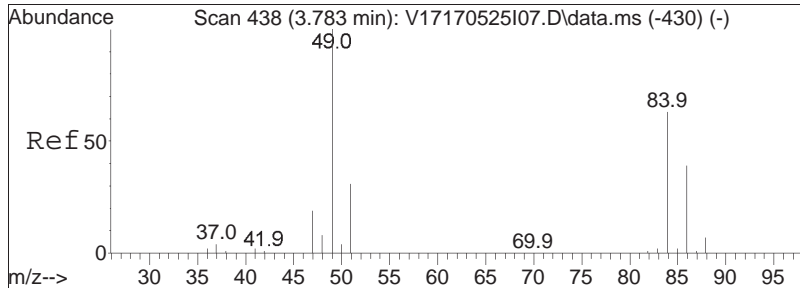




#11
 Carbon disulfide
 Concen: 16.07 ug/L
 RT: 3.233 min Scan# 333
 Delta R.T. 0.000 min
 Lab File: V17170718A01.D
 Acq: 18 Jul 2017 07:10

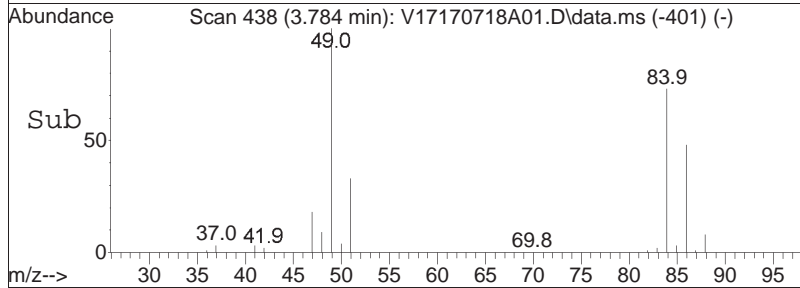
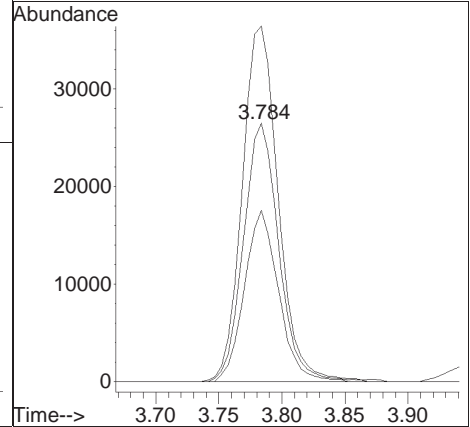
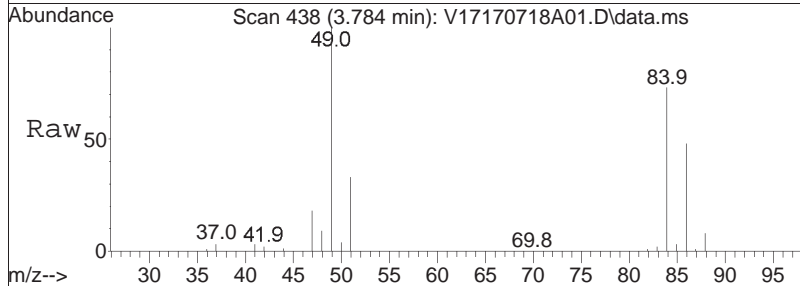
Tgt Ion	Resp	Lower	Upper
76	151336		
76	100		
78	9.7	6.4	13.4

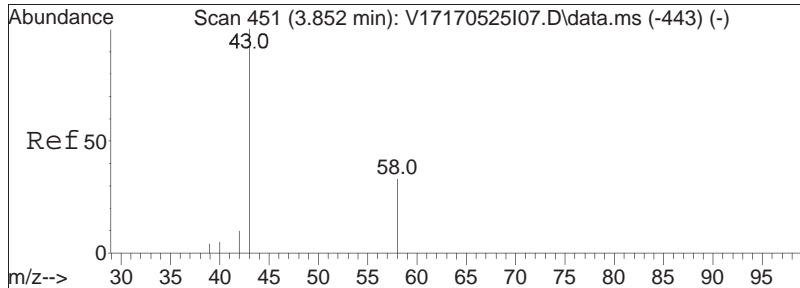




#15
 Methylene chloride
 Concen: 18.46 ug/L
 RT: 3.784 min Scan# 438
 Delta R.T. -0.005 min
 Lab File: V17170718A01.D
 Acq: 18 Jul 2017 07:10

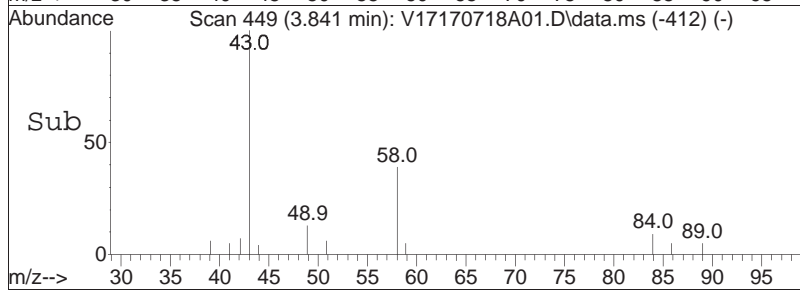
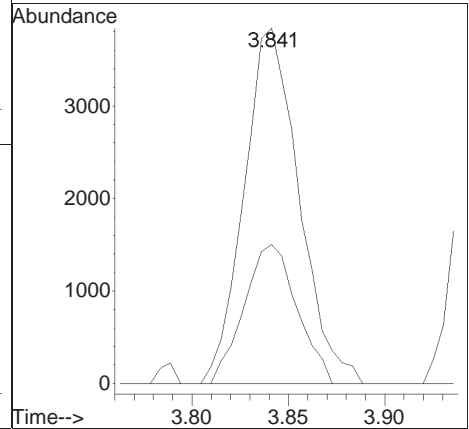
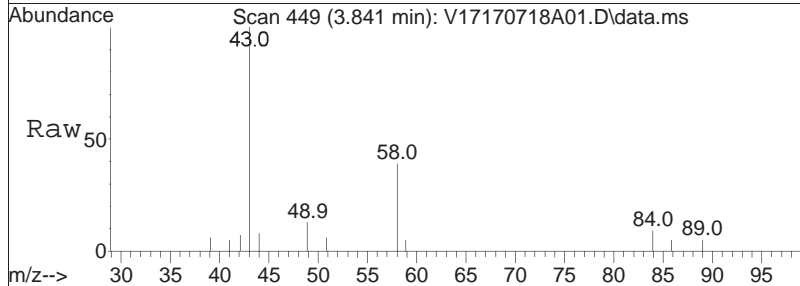
Tgt Ion	Resp	Lower	Upper
84	51390		
86	64.1	42.4	88.2
49	140.8	117.3	243.5

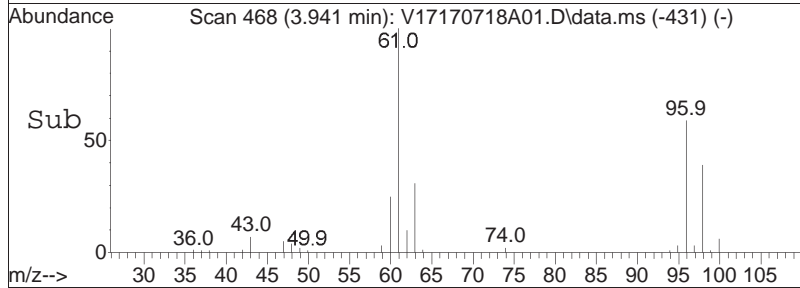
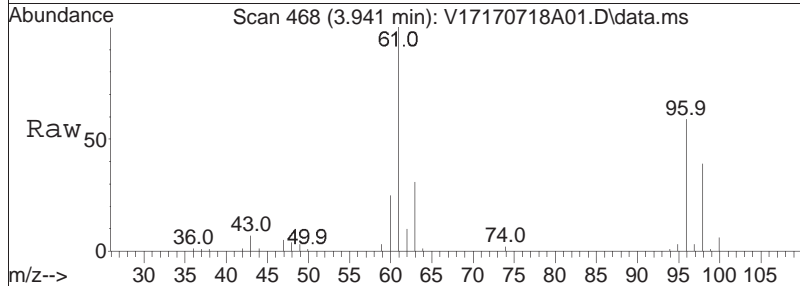
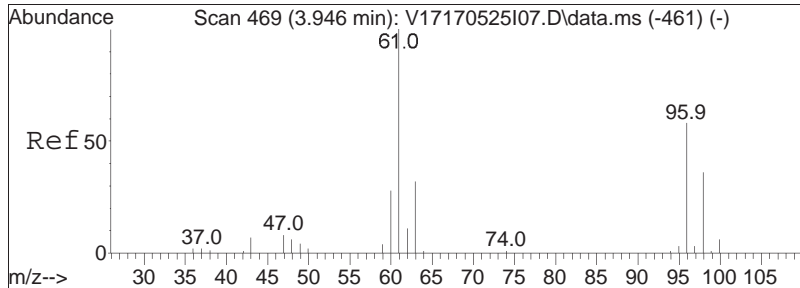




#17
 Acetone
 Concen: 15.84 ug/L
 RT: 3.841 min Scan# 449
 Delta R.T. -0.006 min
 Lab File: V17170718A01.D
 Acq: 18 Jul 2017 07:10

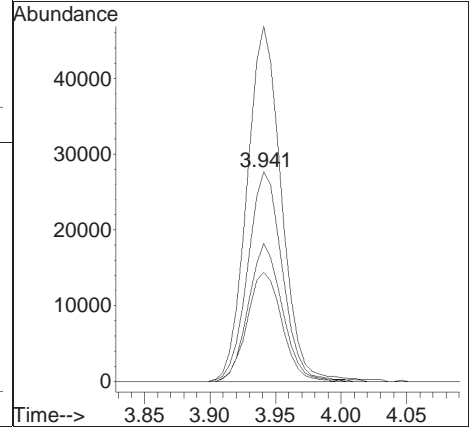
Tgt Ion:	43	58	Resp:	7611
Ion Ratio	100	37.6	Lower	Upper
			25.1	37.7

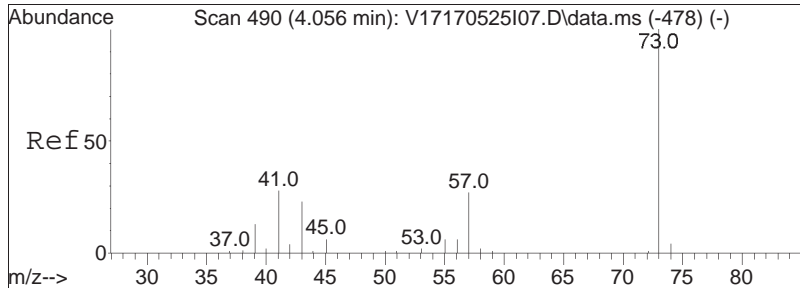




#18
 trans-1,2-Dichloroethene
 Concen: 18.59 ug/L
 RT: 3.941 min Scan# 468
 Delta R.T. -0.005 min
 Lab File: V17170718A01.D
 Acq: 18 Jul 2017 07:10

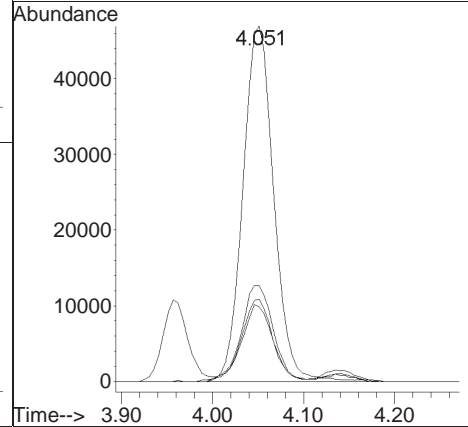
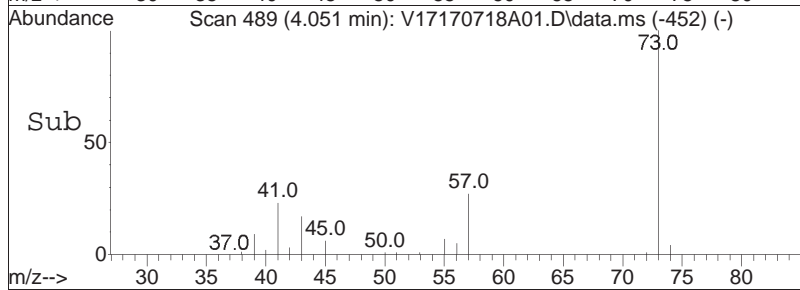
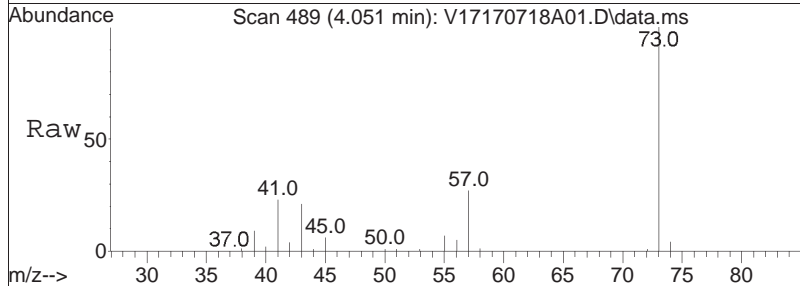
Tgt Ion	Resp	Lower	Upper
96	50878		
96	100		
61	168.4	113.8	236.4
98	64.0	41.3	85.7
63	52.5	35.8	74.4

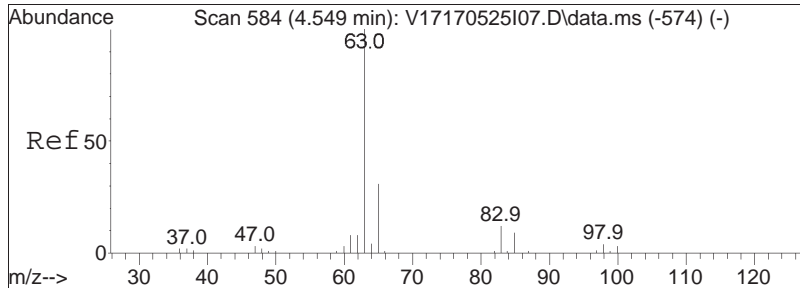




#20
 Methyl tert-butyl ether
 Concen: 17.86 ug/L
 RT: 4.051 min Scan# 489
 Delta R.T. -0.005 min
 Lab File: V17170718A01.D
 Acq: 18 Jul 2017 07:10

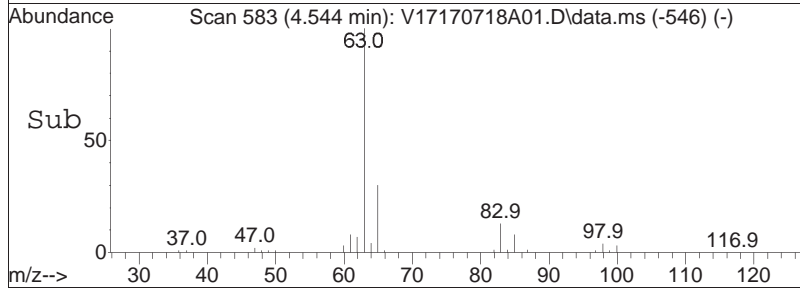
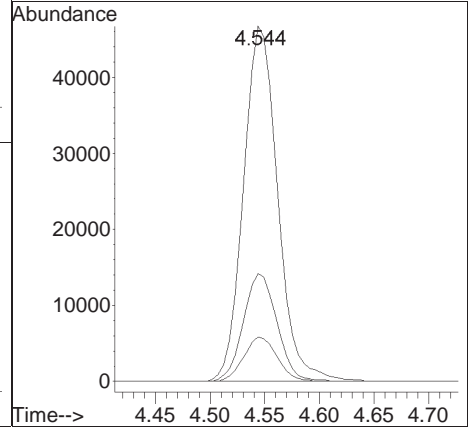
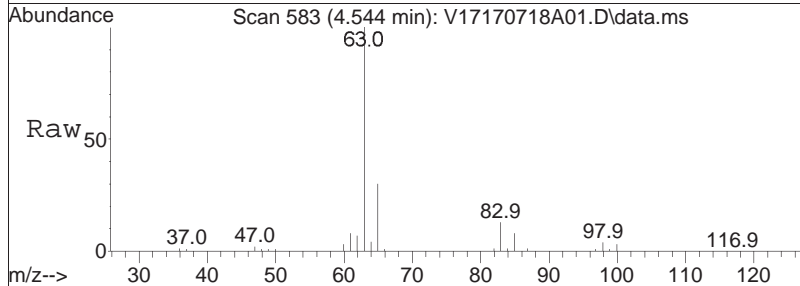
Tgt Ion	Resp	Lower	Upper
73	110535		
57	28.0	18.7	38.9
43	21.9	18.1	37.7
41	23.7	17.9	37.3

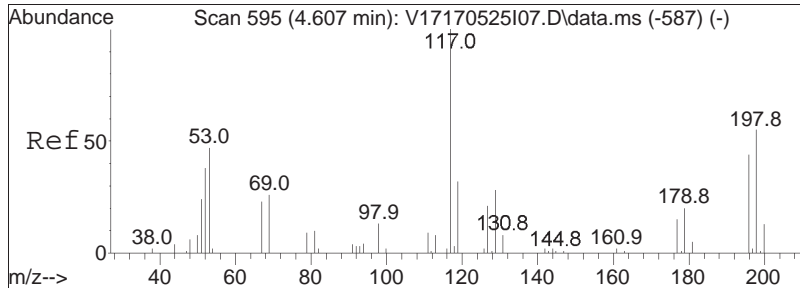




#23
 1,1-Dichloroethane
 Concen: 17.88 ug/L
 RT: 4.544 min Scan# 583
 Delta R.T. -0.005 min
 Lab File: V17170718A01.D
 Acq: 18 Jul 2017 07:10

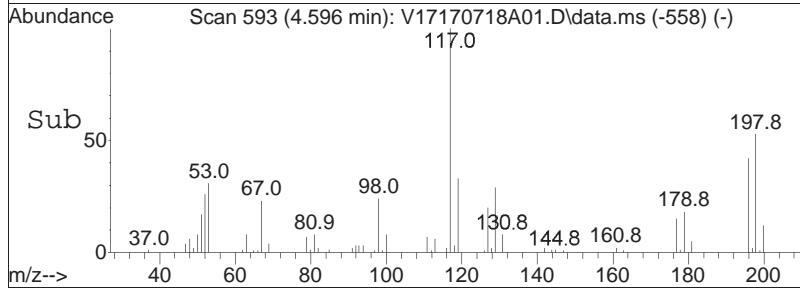
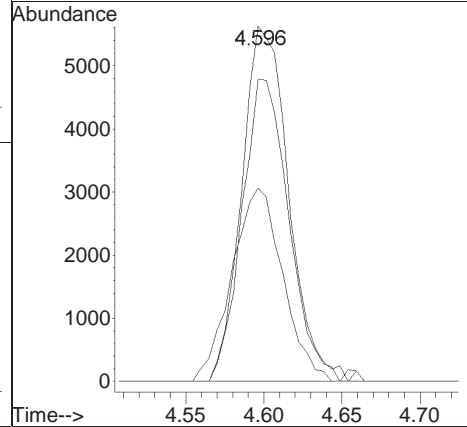
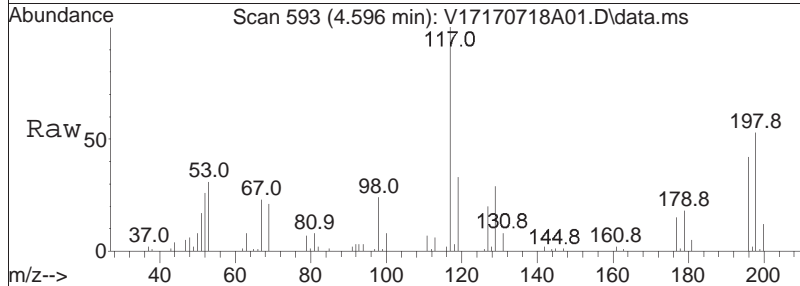
Tgt Ion:	Resp:	Lower	Upper
63	101966		
65	29.7	10.2	50.2
83	12.2	0.0	32.4

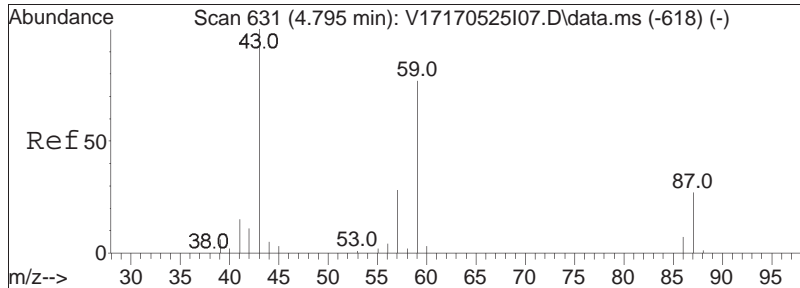




#25
 Acrylonitrile
 Concen: 18.56 ug/L
 RT: 4.596 min Scan# 593
 Delta R.T. -0.016 min
 Lab File: V17170718A01.D
 Acq: 18 Jul 2017 07:10

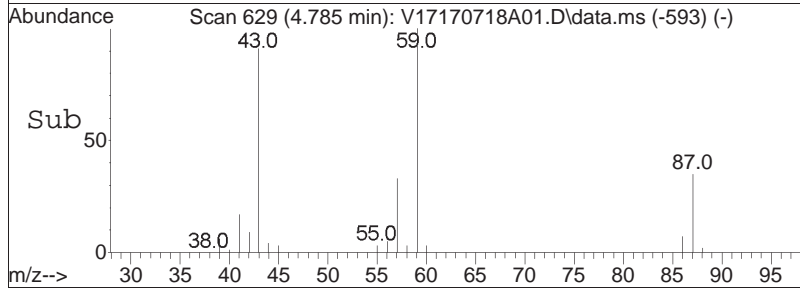
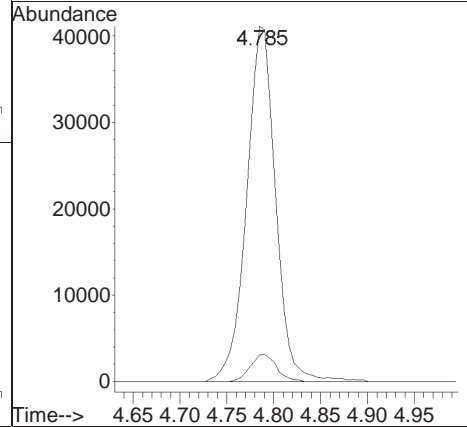
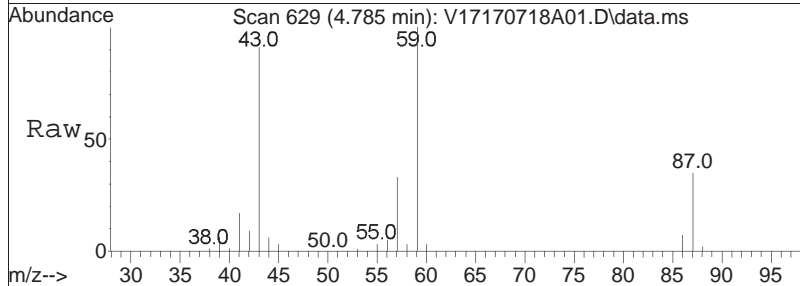
Tgt Ion:	53	Resp:	11827
Ion Ratio	Lower	Upper	
53	100		
52	84.4	68.6	103.0
51	58.7	38.2	57.4#

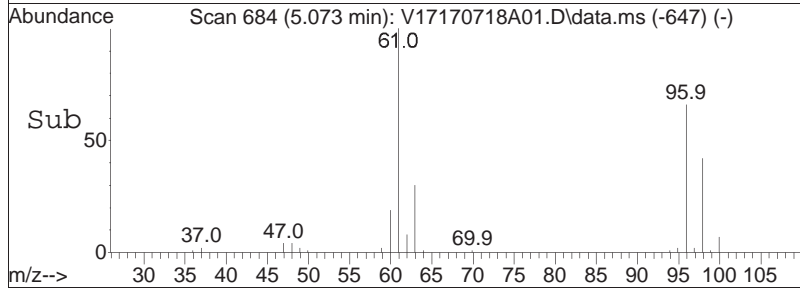
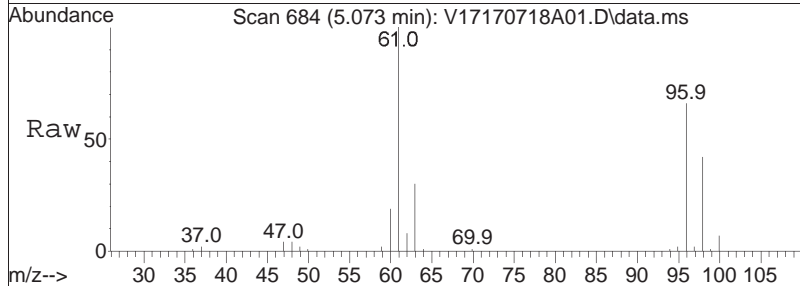
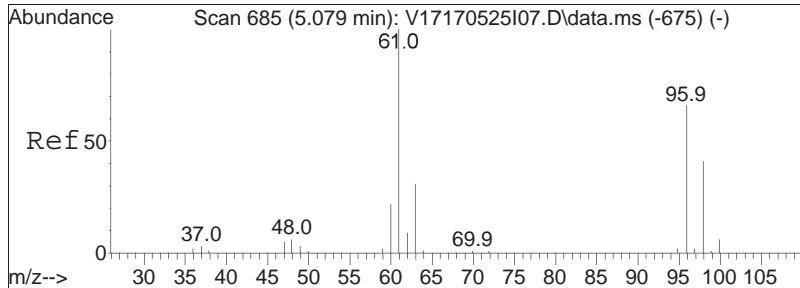




#27
 Vinyl acetate
 Concen: 16.80 ug/L
 RT: 4.785 min Scan# 629
 Delta R.T. -0.011 min
 Lab File: V17170718A01.D
 Acq: 18 Jul 2017 07:10

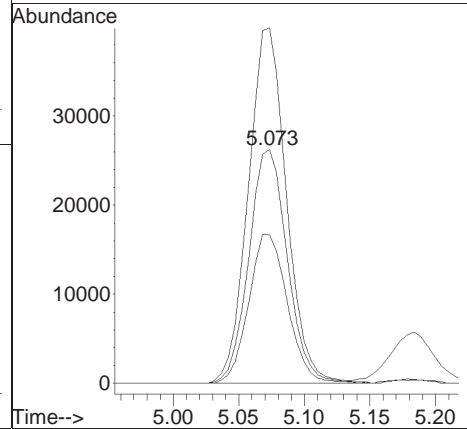
Tgt Ion:	43	Resp:	88530
Ion Ratio	Lower	Upper	
43	100		
86	6.8	4.6	6.8

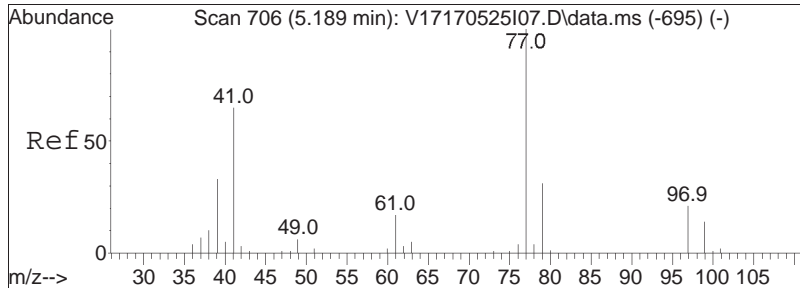




#28
 cis-1,2-Dichloroethene
 Concen: 18.35 ug/L
 RT: 5.073 min Scan# 684
 Delta R.T. -0.006 min
 Lab File: V17170718A01.D
 Acq: 18 Jul 2017 07:10

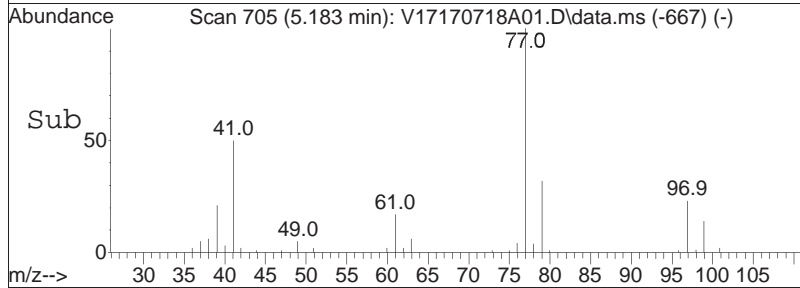
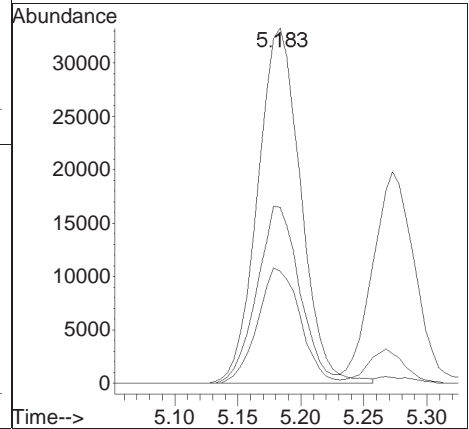
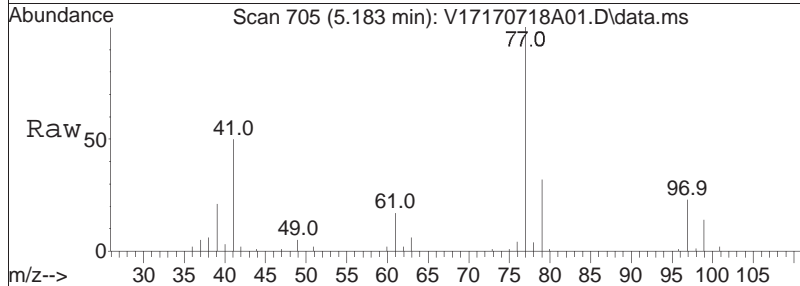
Tgt Ion:	96	Resp:	53727
Ion Ratio	Lower	Upper	
96	100		
61	149.8	119.3	178.9
98	64.2	52.0	78.0

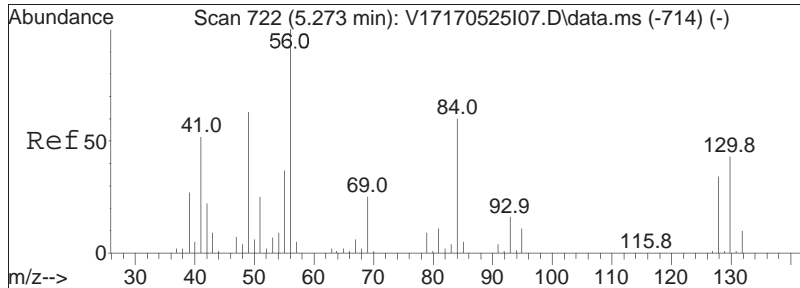




#29
 2,2-Dichloropropane
 Concen: 18.37 ug/L
 RT: 5.183 min Scan# 705
 Delta R.T. -0.001 min
 Lab File: V17170718A01.D
 Acq: 18 Jul 2017 07:10

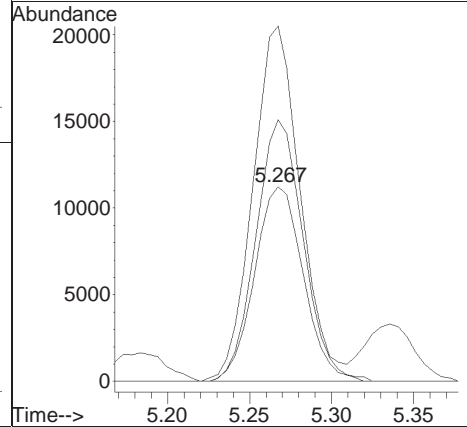
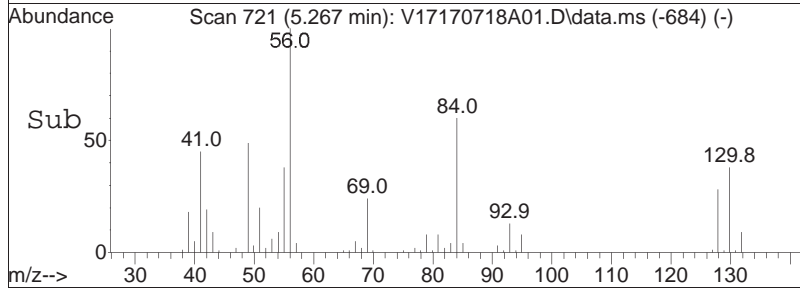
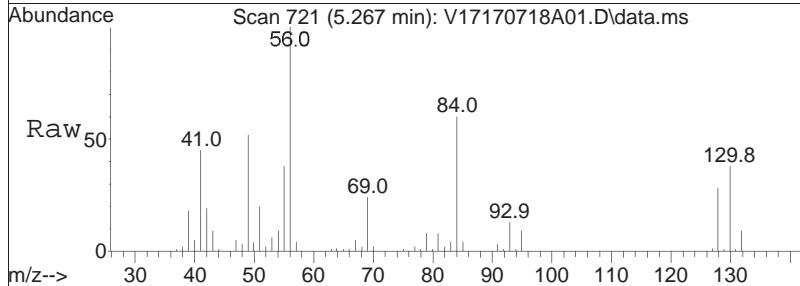
Tgt Ion:	Resp:		
Ion	Ratio	Lower	Upper
77	100		
41	49.3	43.4	90.0
79	32.2	20.9	43.3

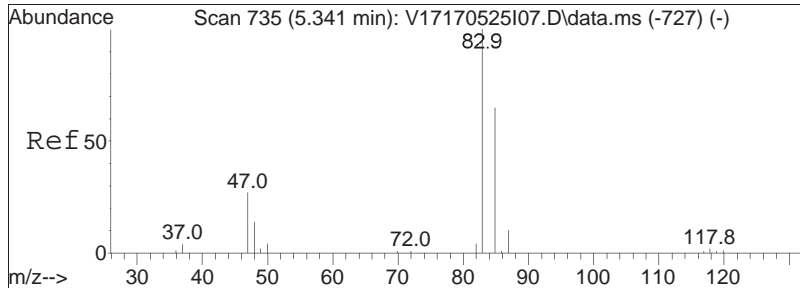




#30
 Bromochloromethane
 Concen: 18.04 ug/L
 RT: 5.267 min Scan# 721
 Delta R.T. -0.006 min
 Lab File: V17170718A01.D
 Acq: 18 Jul 2017 07:10

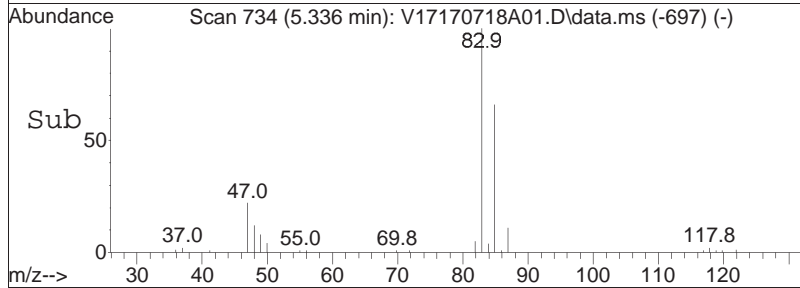
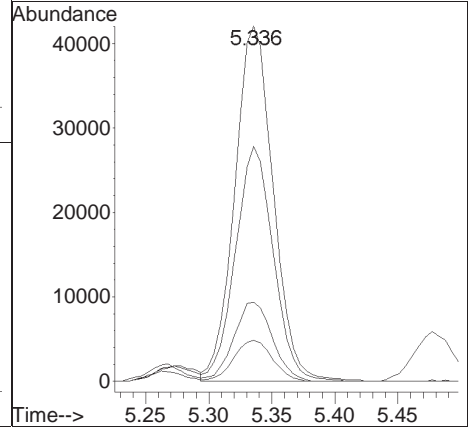
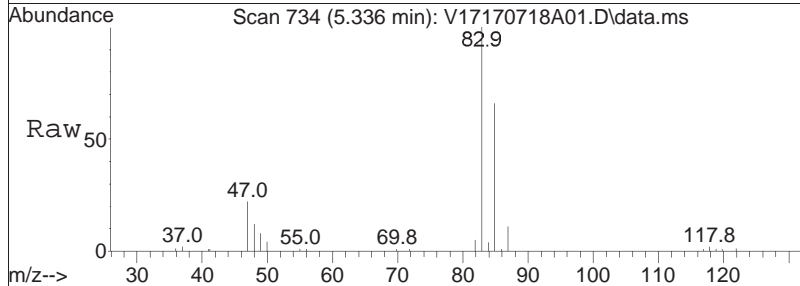
Tgt Ion	Resp	Lower	Upper
128	23277		
128	100		
49	177.2	153.4	230.0
130	130.6	103.9	155.9

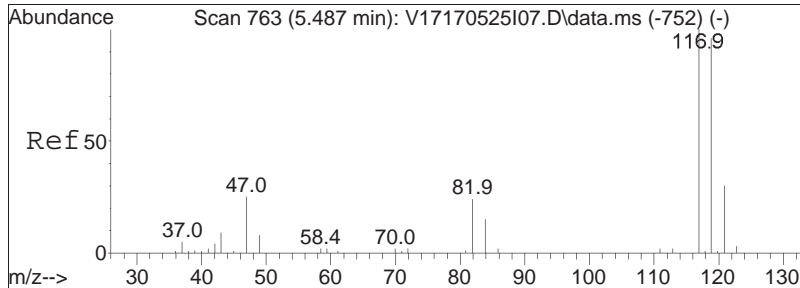




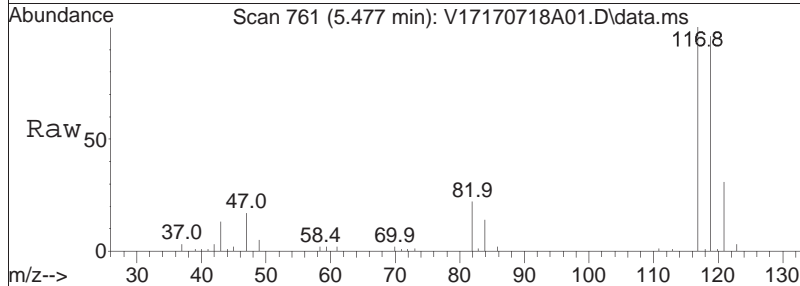
#32
 Chloroform
 Concen: 17.43 ug/L
 RT: 5.336 min Scan# 734
 Delta R.T. -0.005 min
 Lab File: V17170718A01.D
 Acq: 18 Jul 2017 07:10

Tgt Ion	Resp	Lower	Upper
83	89601		
85	65.3	41.3	85.7
47	22.4	17.9	37.3
48	11.7	9.3	19.3

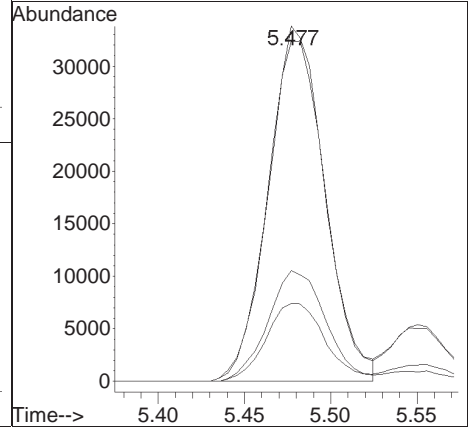
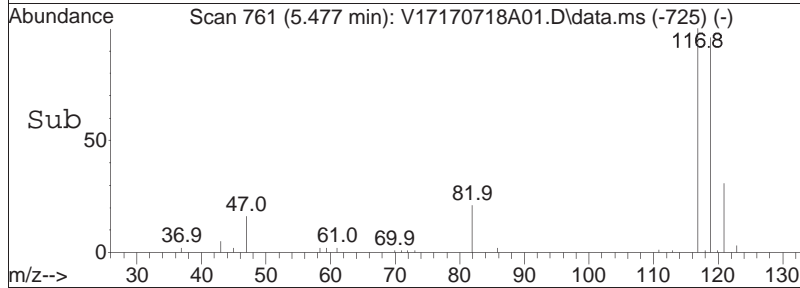


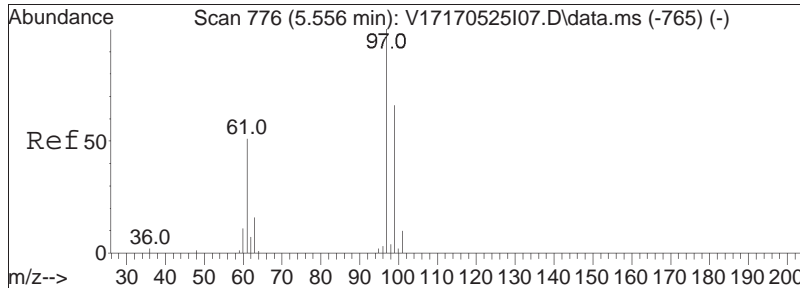


#34
 Carbon tetrachloride
 Concen: 18.72 ug/L
 RT: 5.477 min Scan# 761
 Delta R.T. -0.011 min
 Lab File: V17170718A01.D
 Acq: 18 Jul 2017 07:10



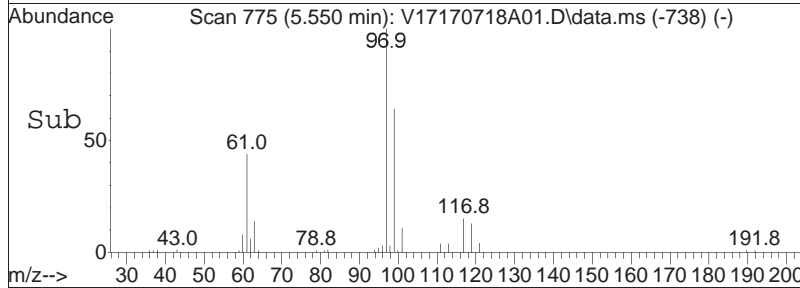
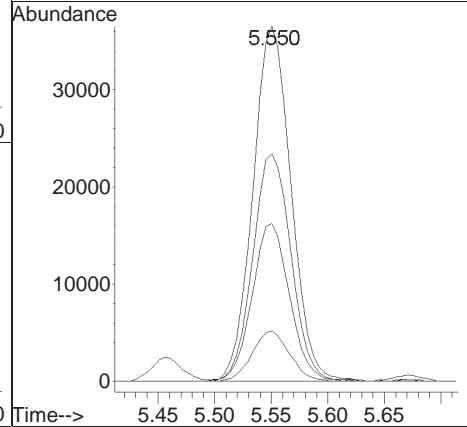
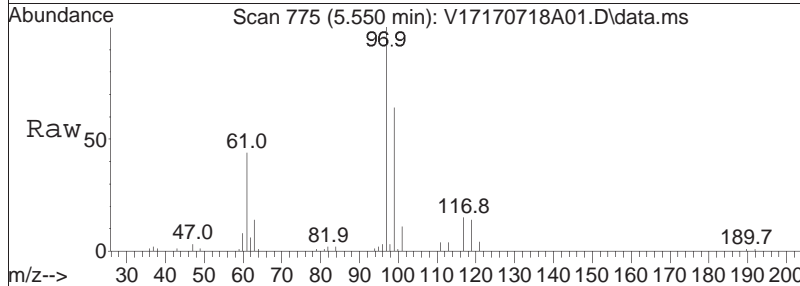
Tgt Ion	Resp	Lower	Upper
117	100		
119	97.6	63.2	131.2
121	31.9	20.8	43.2
82	23.0	15.1	31.5

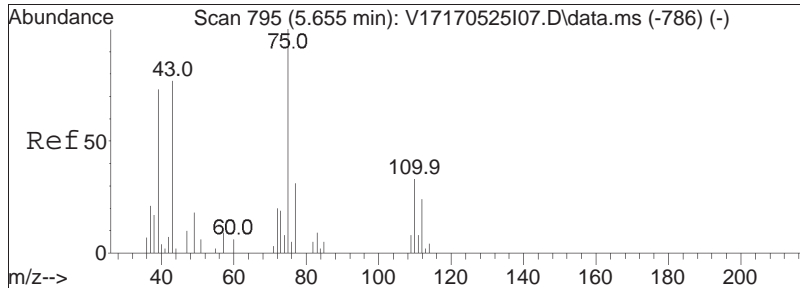




#37
 1,1,1-Trichloroethane
 Concen: 18.14 ug/L
 RT: 5.550 min Scan# 775
 Delta R.T. -0.006 min
 Lab File: V17170718A01.D
 Acq: 18 Jul 2017 07:10

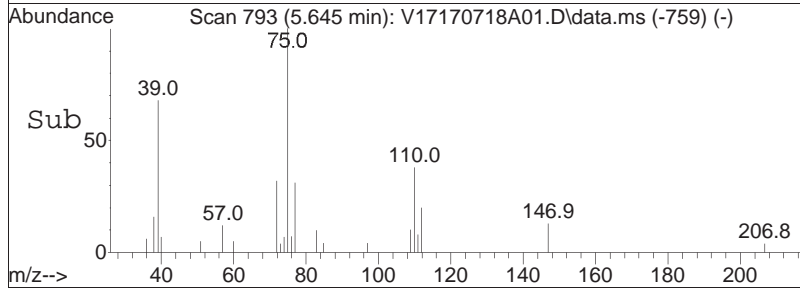
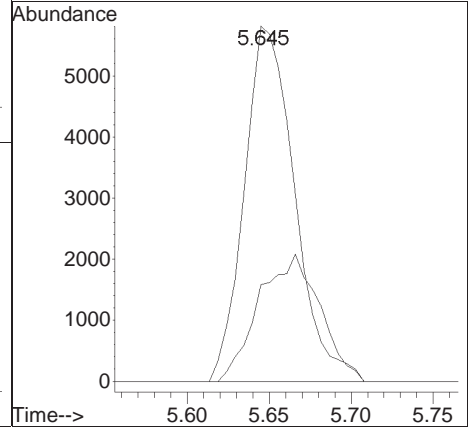
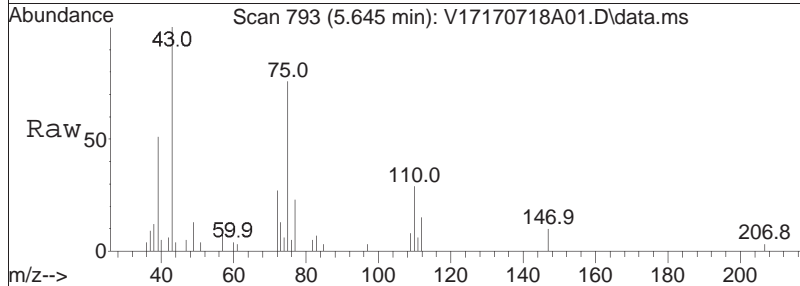
Tgt Ion	Resp	Lower	Upper
97	85777		
99	64.4	42.0	87.2
61	43.8	29.7	61.7
63	14.0	9.4	19.4

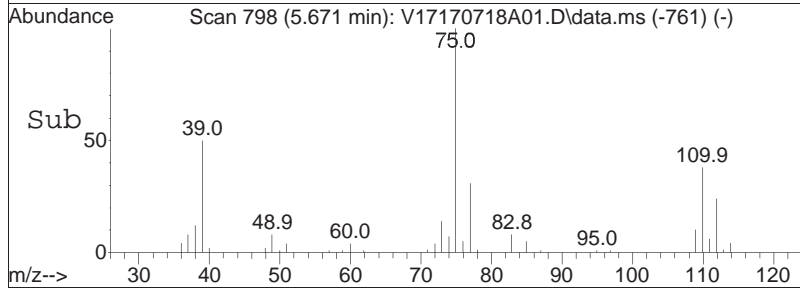
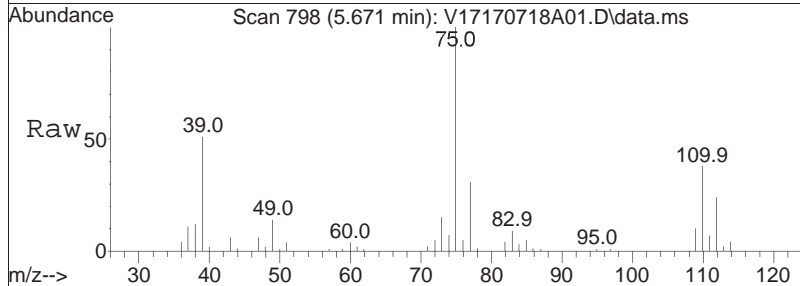
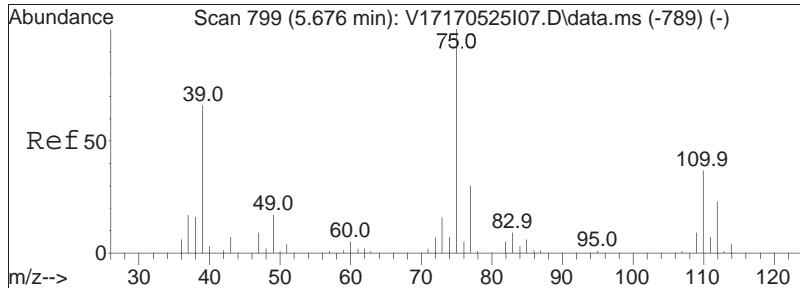




#39
 2-Butanone
 Concen: 16.83 ug/L
 RT: 5.645 min Scan# 793
 Delta R.T. -0.021 min
 Lab File: V17170718A01.D
 Acq: 18 Jul 2017 07:10

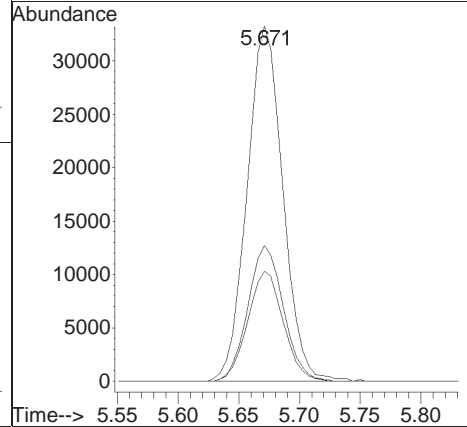
Tgt Ion:	43	72	Resp:	12394
Ion Ratio	100	43.2	Lower	Upper
			20.4	30.6#

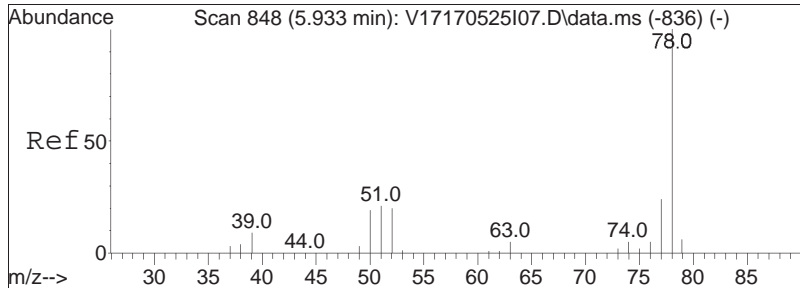




#40
 1,1-Dichloropropene
 Concen: 18.17 ug/L
 RT: 5.671 min Scan# 798
 Delta R.T. -0.005 min
 Lab File: V17170718A01.D
 Acq: 18 Jul 2017 07:10

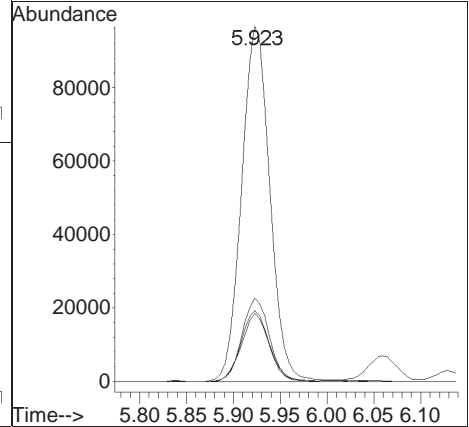
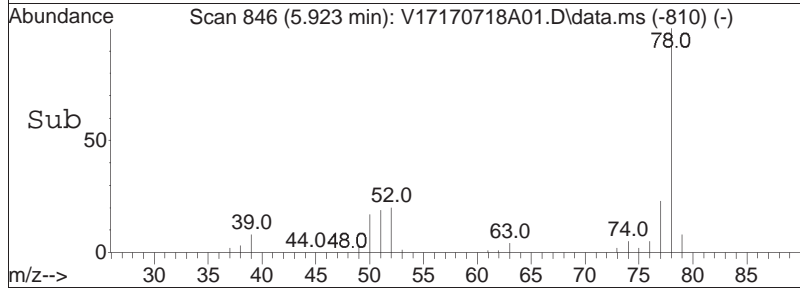
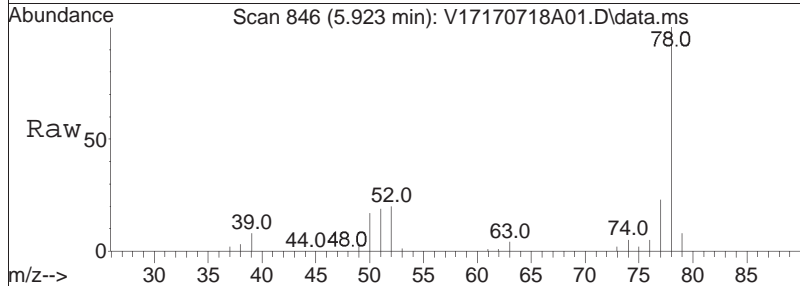
Tgt Ion	Resp	Lower	Upper
75	100		
110	37.9	25.9	53.7
77	30.9	20.3	42.3

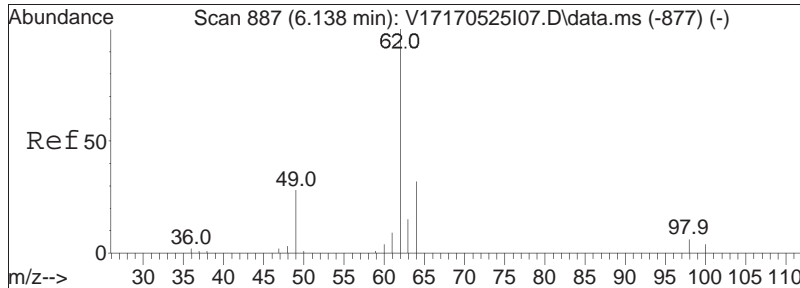




#41
 Benzene
 Concen: 18.00 ug/L
 RT: 5.923 min Scan# 846
 Delta R.T. -0.010 min
 Lab File: V17170718A01.D
 Acq: 18 Jul 2017 07:10

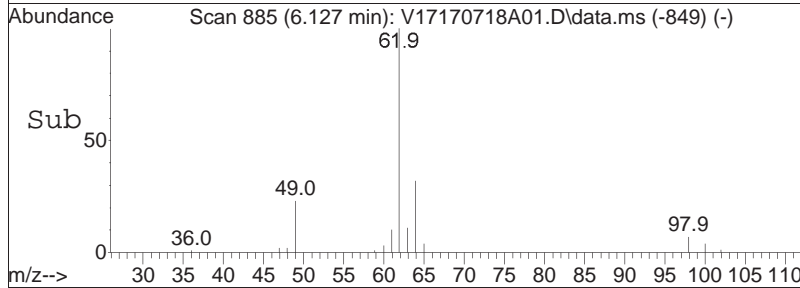
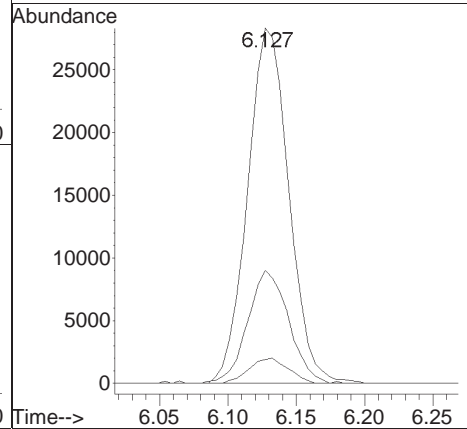
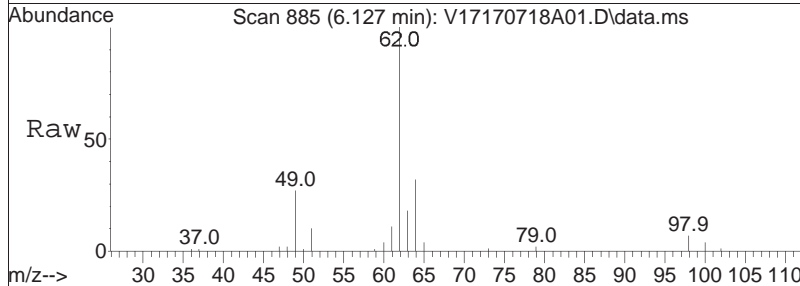
Tgt Ion	Resp	Lower	Upper
78	202744		
77	22.9	15.0	31.1
51	18.6	14.0	29.2
52	19.8	14.3	29.7

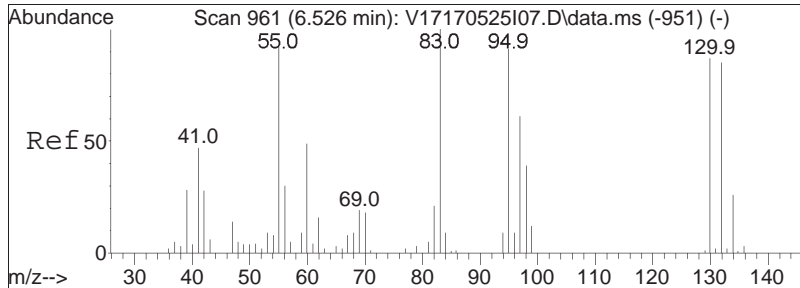




#44
 1,2-Dichloroethane
 Concen: 15.72 ug/L
 RT: 6.127 min Scan# 885
 Delta R.T. -0.011 min
 Lab File: V17170718A01.D
 Acq: 18 Jul 2017 07:10

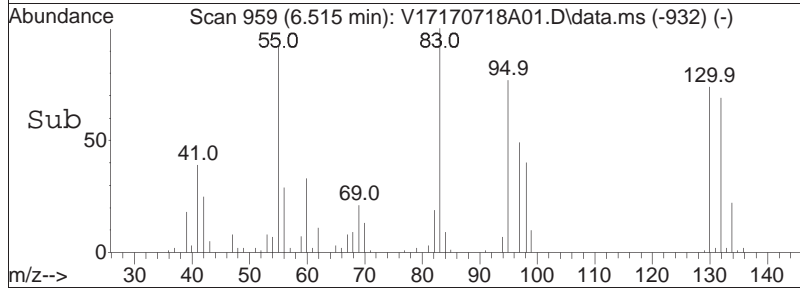
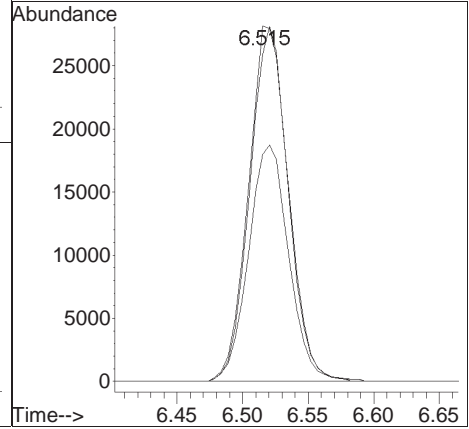
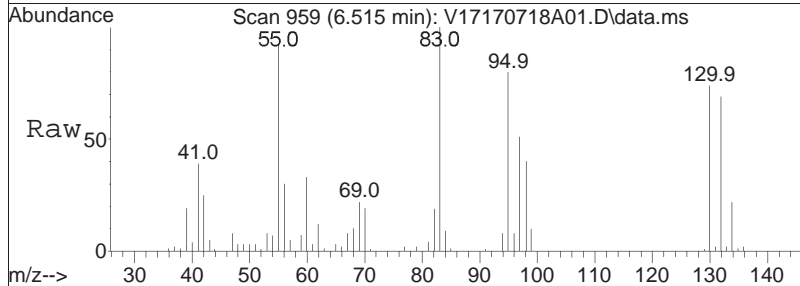
Tgt Ion:	Resp:	Lower	Upper
62	59543		
64	31.6	11.8	51.8
98	6.8	0.0	27.1

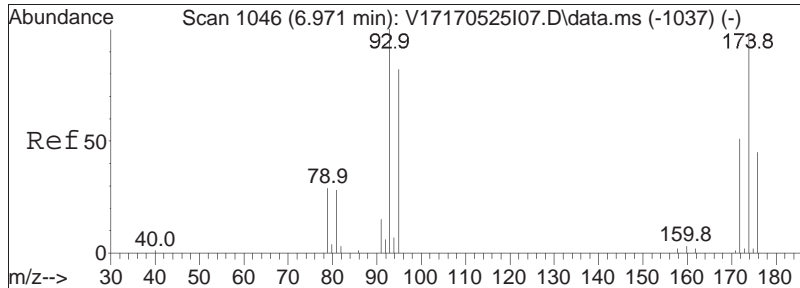




#48
 Trichloroethene
 Concen: 18.11 ug/L
 RT: 6.515 min Scan# 959
 Delta R.T. -0.011 min
 Lab File: V17170718A01.D
 Acq: 18 Jul 2017 07:10

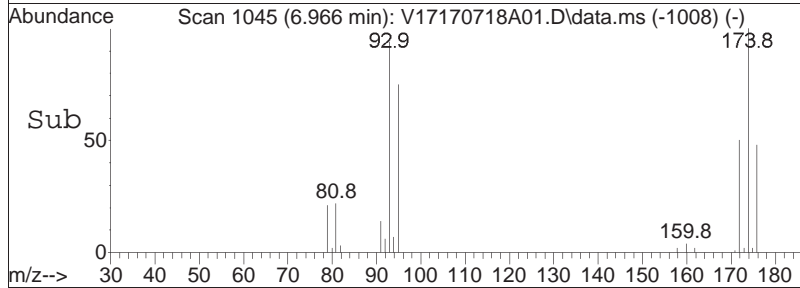
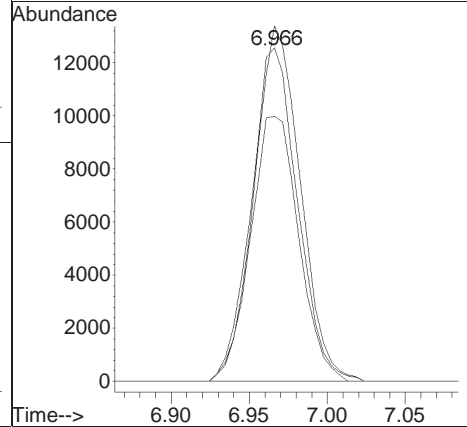
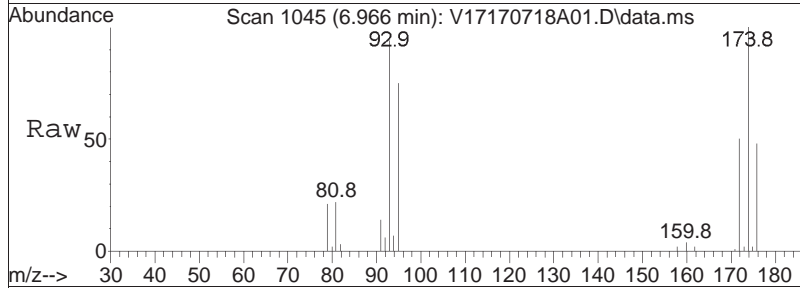
Tgt Ion	Resp	Lower	Upper
95	59148		
95	100		
97	67.3	53.8	80.8
130	97.4	81.5	122.3

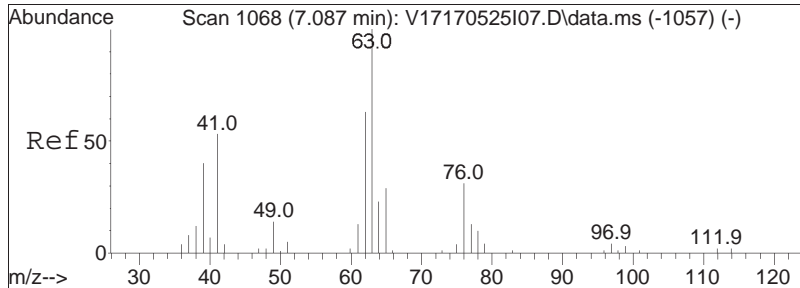




#50
 Dibromomethane
 Concen: 17.05 ug/L
 RT: 6.966 min Scan# 1045
 Delta R.T. -0.005 min
 Lab File: V17170718A01.D
 Acq: 18 Jul 2017 07:10

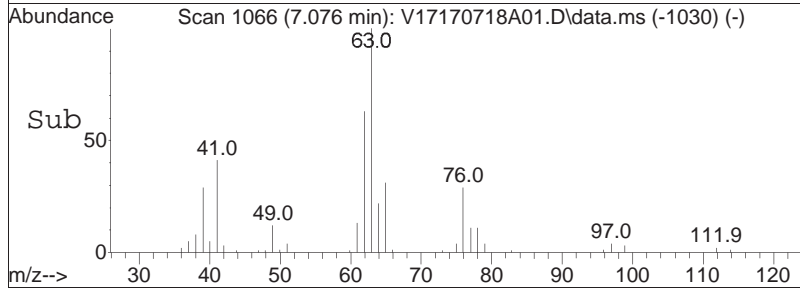
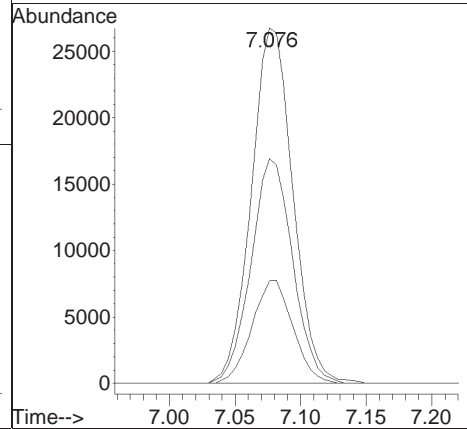
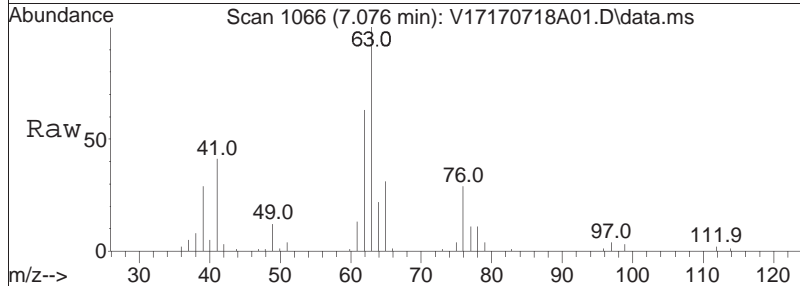
Tgt Ion	Resp	Lower	Upper
93	25973		
93	100		
95	82.7	67.5	101.3
174	106.1	89.9	134.9

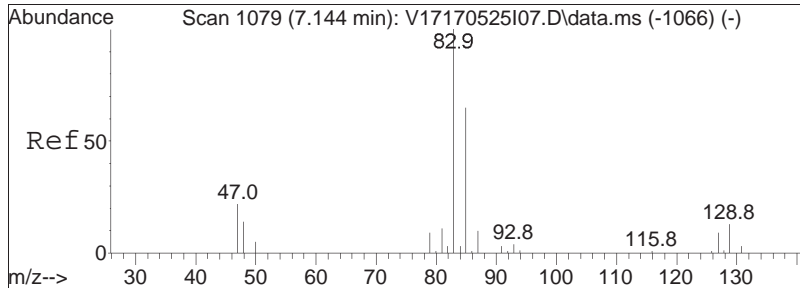




#51
 1,2-Dichloropropane
 Concen: 17.95 ug/L
 RT: 7.076 min Scan# 1066
 Delta R.T. -0.011 min
 Lab File: V17170718A01.D
 Acq: 18 Jul 2017 07:10

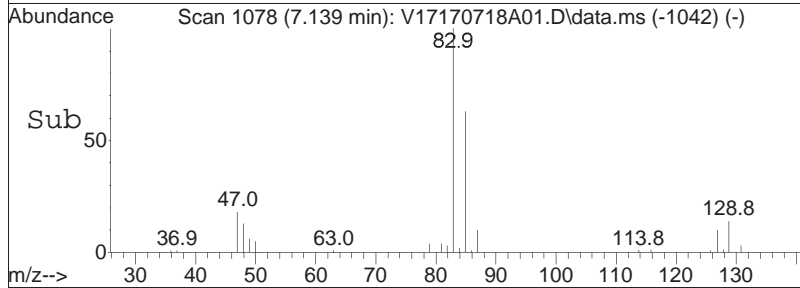
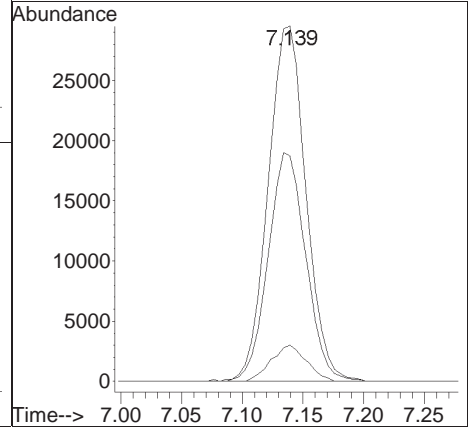
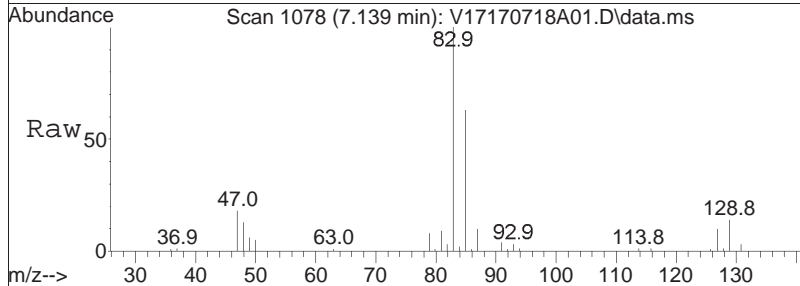
Tgt Ion:	Resp:		
Ion Ratio	Lower	Upper	
63	100		
62	63.3	50.6	76.0
76	28.5	23.4	35.0

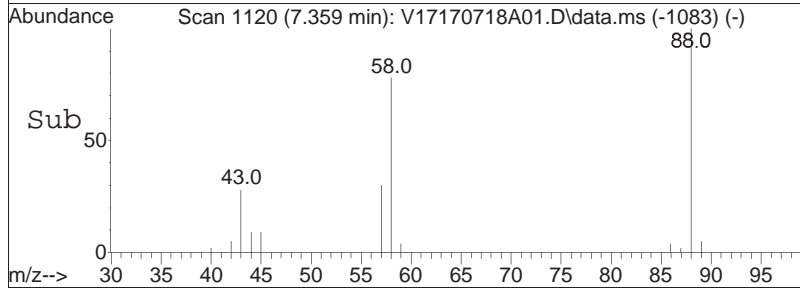
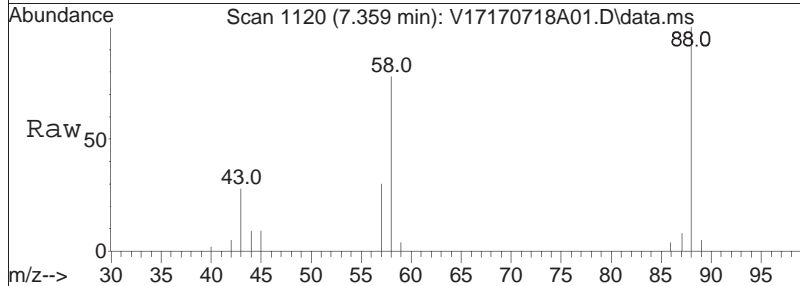
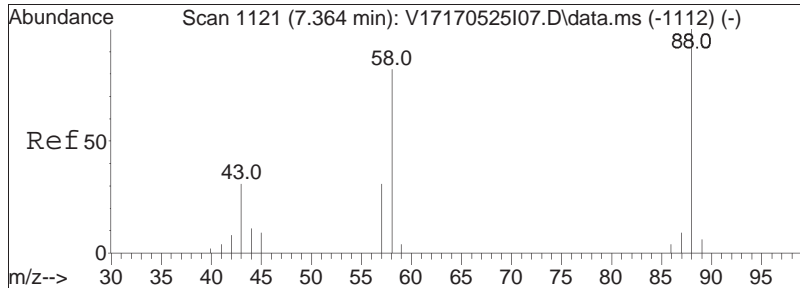




#54
 Bromodichloromethane
 Concen: 17.07 ug/L
 RT: 7.139 min Scan# 1078
 Delta R.T. -0.011 min
 Lab File: V17170718A01.D
 Acq: 18 Jul 2017 07:10

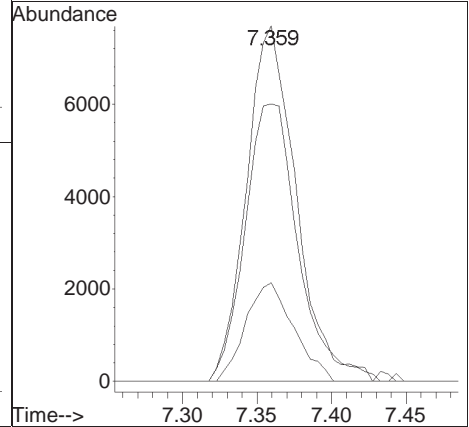
Tgt Ion	Resp	Lower	Upper
83	63982		
85	64.1	51.0	76.4
127	9.6	8.1	12.1

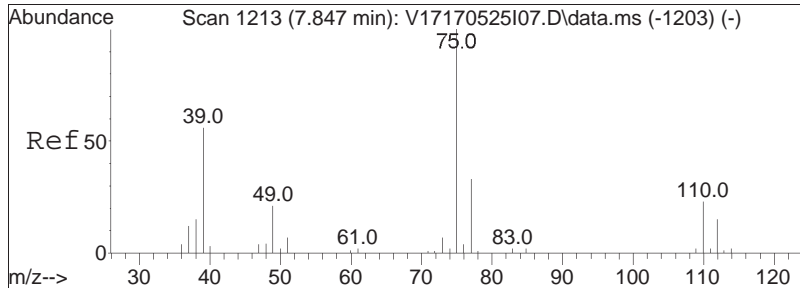




#57
 1,4-Dioxane
 Concen: 1035.77 ug/L
 RT: 7.359 min Scan# 1120
 Delta R.T. -0.006 min
 Lab File: V17170718A01.D
 Acq: 18 Jul 2017 07:10

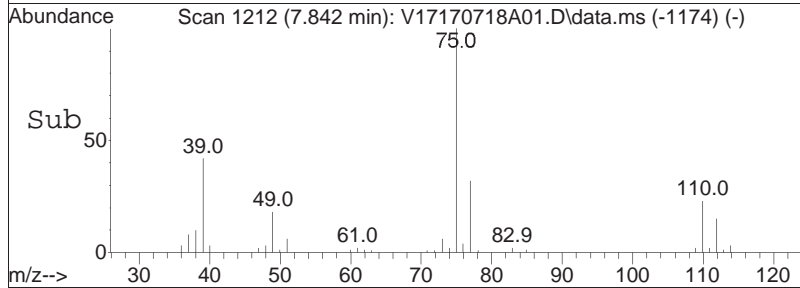
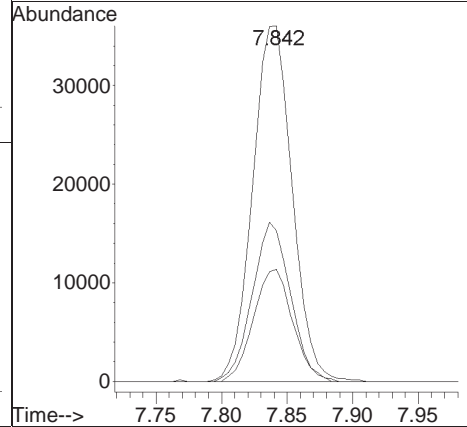
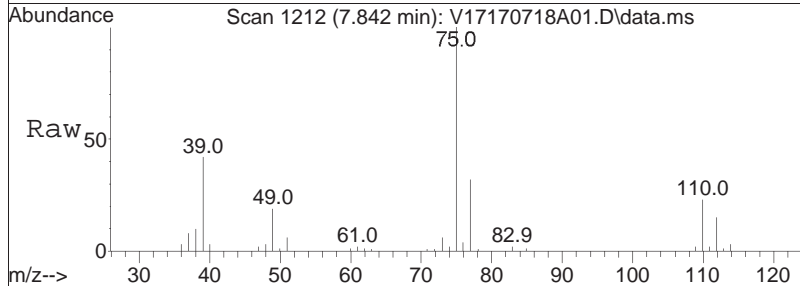
Tgt Ion:	88	Resp:	17868
Ion Ratio	Lower	Upper	
88	100		
58	83.4	66.0	99.0
43	26.9	28.0	42.0#

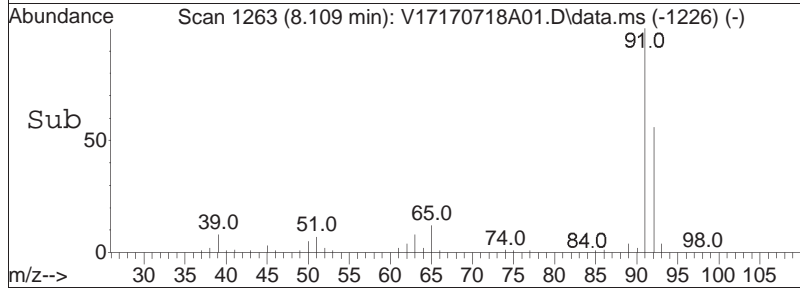
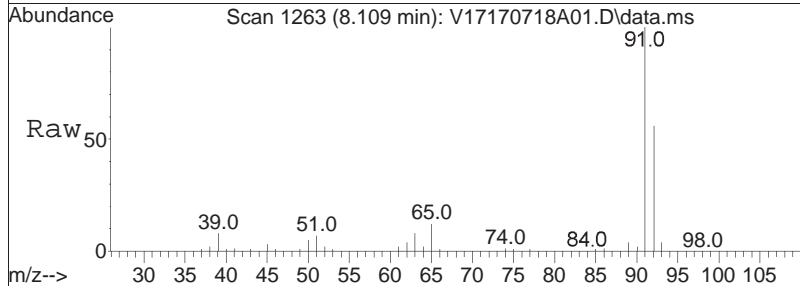
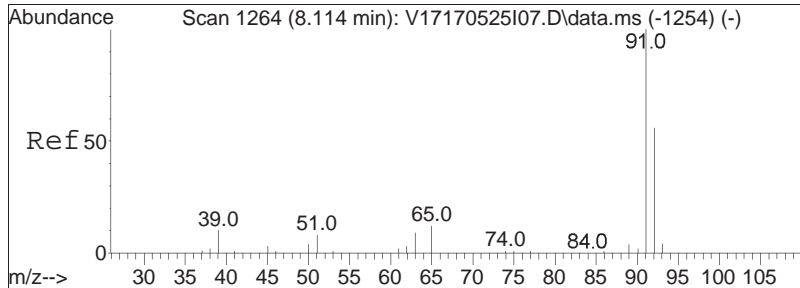




#58
 cis-1,3-Dichloropropene
 Concen: 17.85 ug/L
 RT: 7.842 min Scan# 1212
 Delta R.T. -0.000 min
 Lab File: V17170718A01.D
 Acq: 18 Jul 2017 07:10

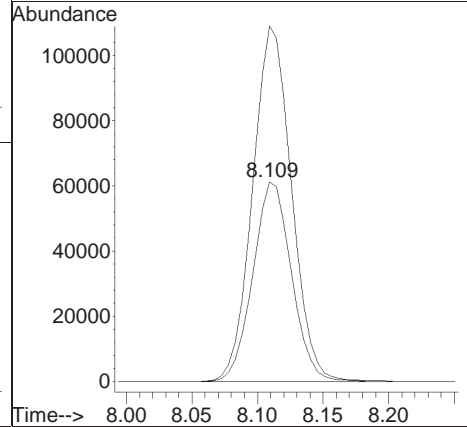
Tgt Ion:	Resp:		
Ion Ratio	Lower	Upper	
75	100		
77	31.1	25.3	37.9
39	43.2	47.8	71.8#

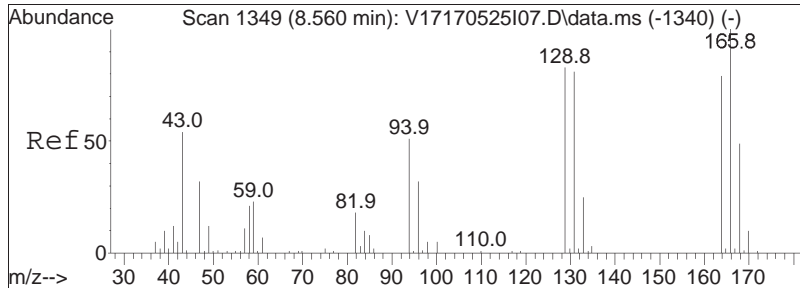




#61
 Toluene
 Concen: 19.06 ug/L
 RT: 8.109 min Scan# 1263
 Delta R.T. -0.005 min
 Lab File: V17170718A01.D
 Acq: 18 Jul 2017 07:10

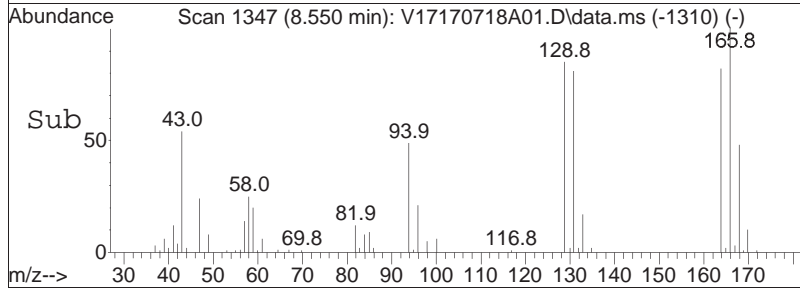
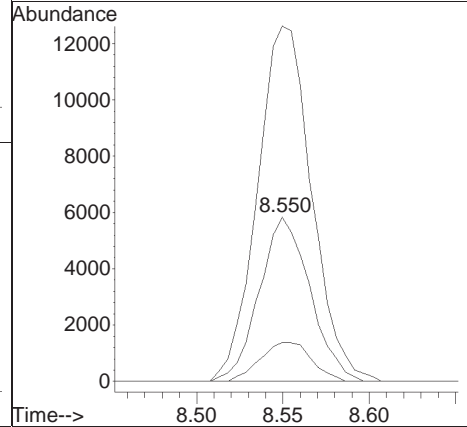
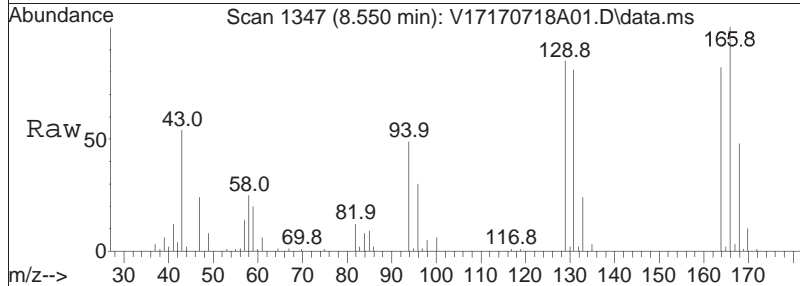
Tgt Ion:	Resp:	Lower	Upper
92	124908		
91	179.6	142.4	213.6

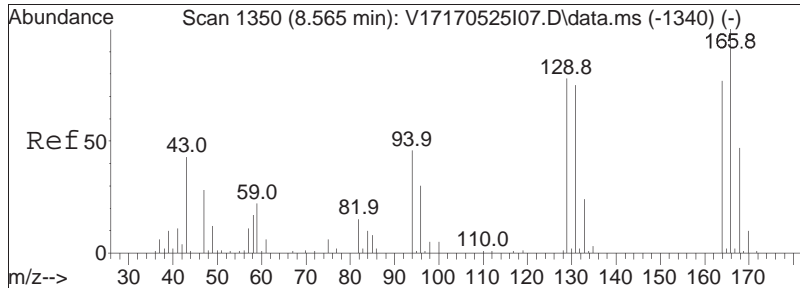




#62
 4-Methyl-2-pentanone
 Concen: 18.24 ug/L
 RT: 8.550 min Scan# 1347
 Delta R.T. -0.005 min
 Lab File: V17170718A01.D
 Acq: 18 Jul 2017 07:10

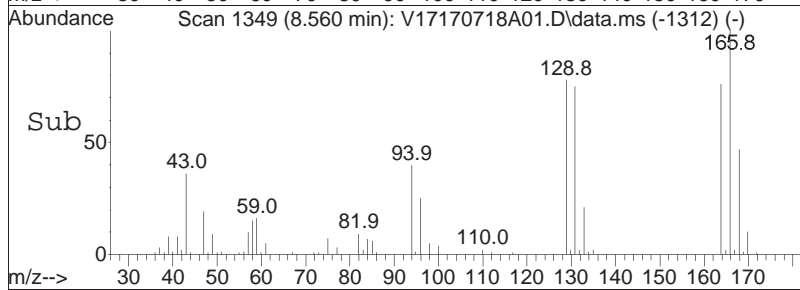
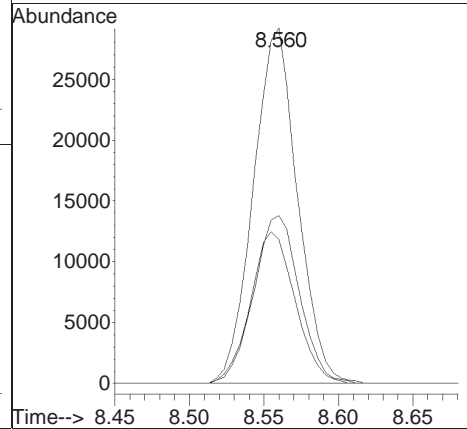
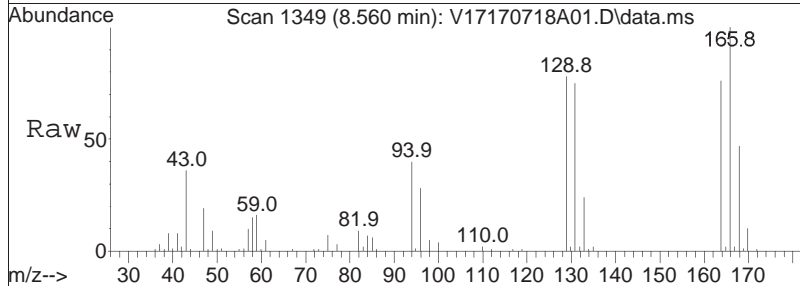
Tgt Ion	Resp	Lower	Upper
58	11929		
58	100		
100	24.2	20.5	30.7
43	231.3	224.2	336.2

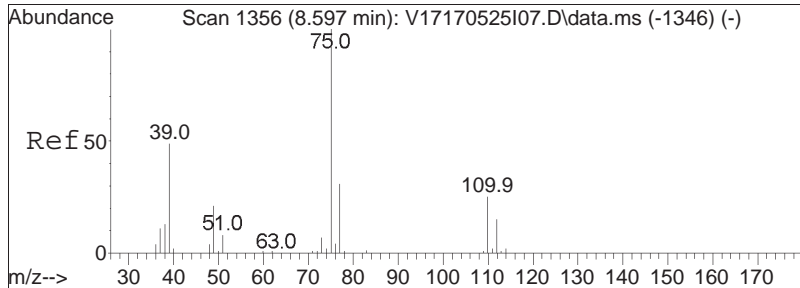




#63
 Tetrachloroethene
 Concen: 19.69 ug/L
 RT: 8.560 min Scan# 1349
 Delta R.T. -0.005 min
 Lab File: V17170718A01.D
 Acq: 18 Jul 2017 07:10

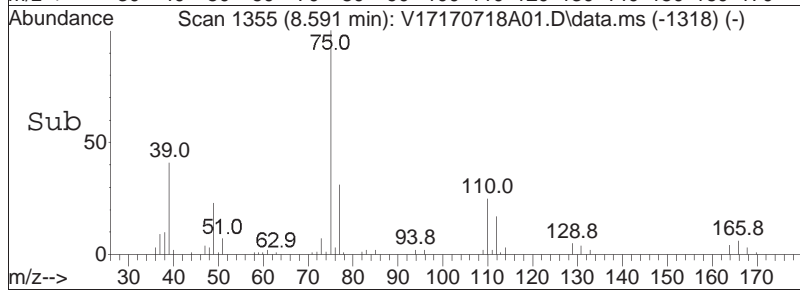
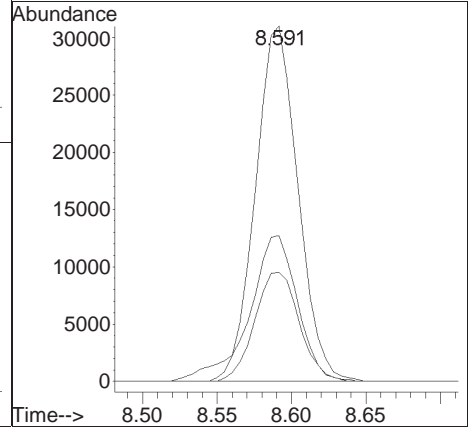
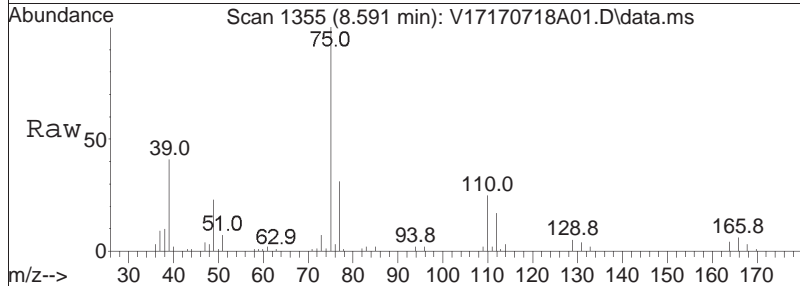
Tgt Ion	Resp	Lower	Upper
166	60185		
166	100		
168	48.8	27.9	67.9
94	43.2	20.4	60.4

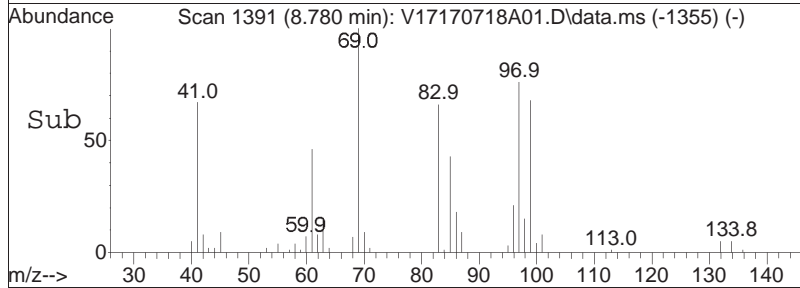
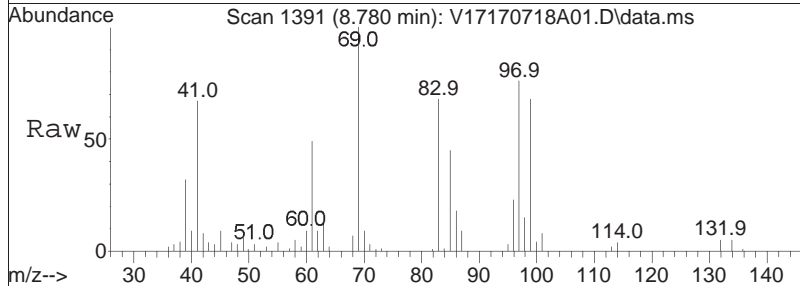
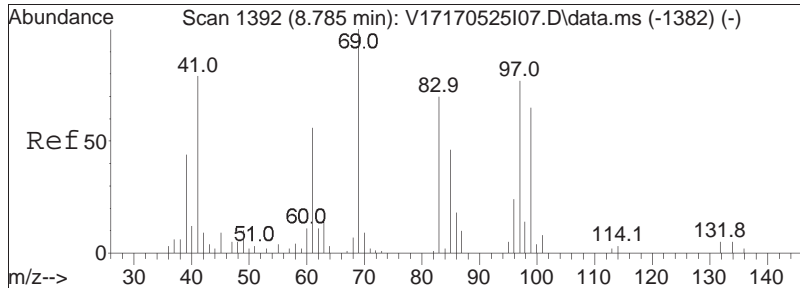




#65
 trans-1,3-Dichloropropene
 Concen: 18.23 ug/L
 RT: 8.591 min Scan# 1355
 Delta R.T. -0.006 min
 Lab File: V17170718A01.D
 Acq: 18 Jul 2017 07:10

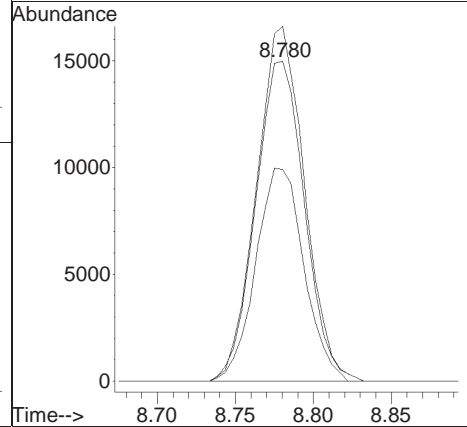
Tgt Ion	Resp	Lower	Upper
75	100		
77	32.1	11.6	51.6
39	46.6	50.0	90.0#

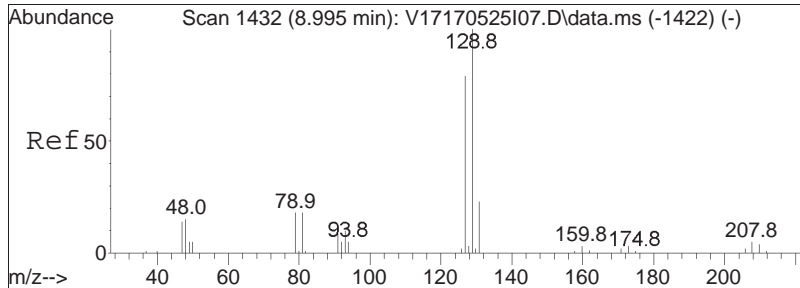




#68
 1,1,2-Trichloroethane
 Concen: 18.73 ug/L
 RT: 8.780 min Scan# 1391
 Delta R.T. -0.011 min
 Lab File: V17170718A01.D
 Acq: 18 Jul 2017 07:10

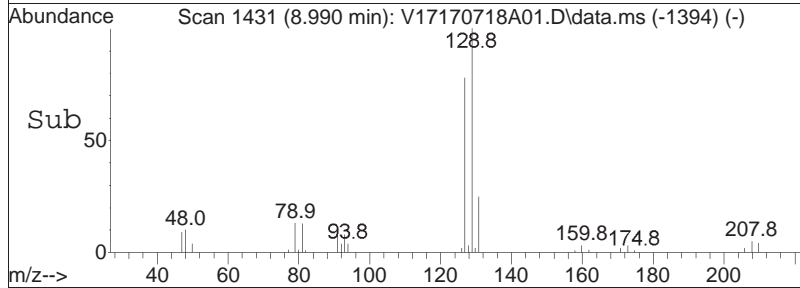
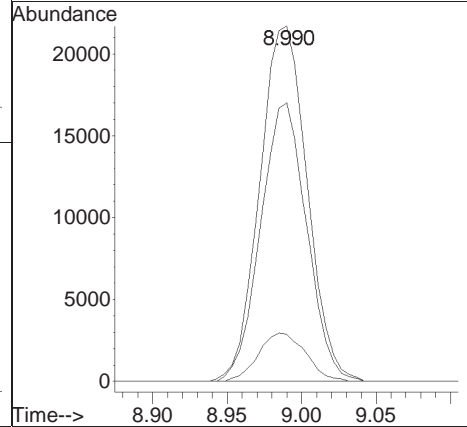
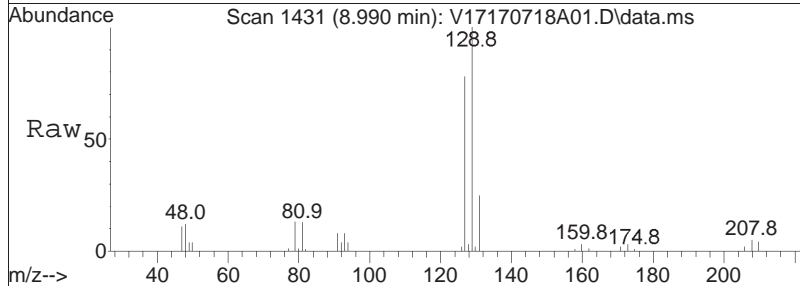
Tgt Ion	Resp	Lower	Upper
83	32661		
83	100		
97	108.5	91.5	131.5
85	65.7	47.5	87.5

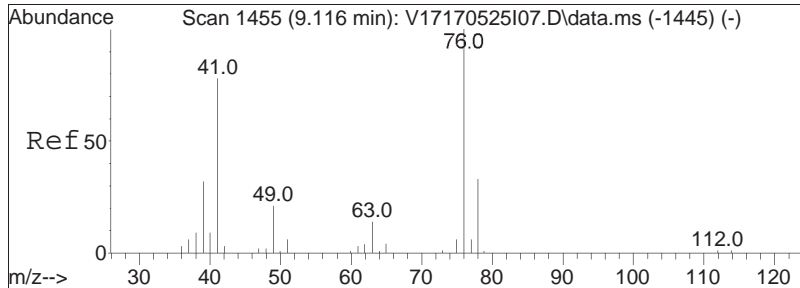




#69
 Chlorodibromomethane
 Concen: 18.69 ug/L
 RT: 8.990 min Scan# 1431
 Delta R.T. -0.005 min
 Lab File: V17170718A01.D
 Acq: 18 Jul 2017 07:10

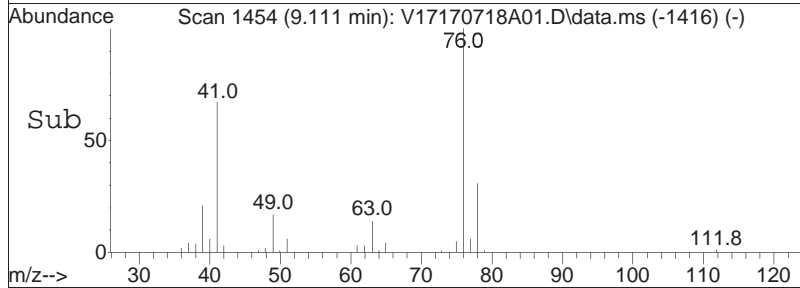
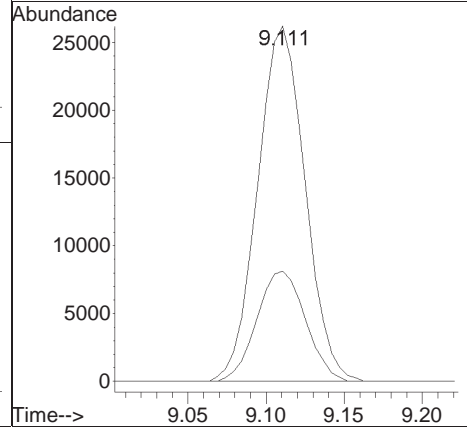
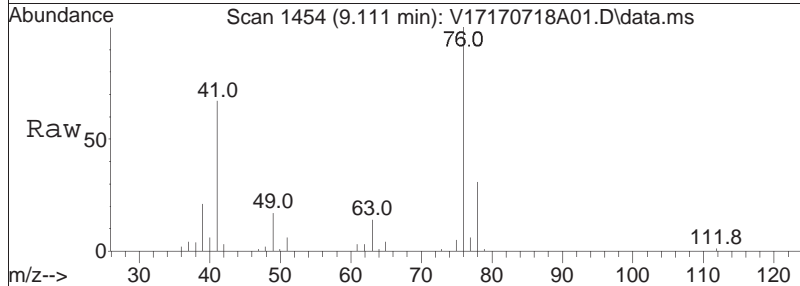
Tgt Ion	Resp	Lower	Upper
129	48131		
129	100		
81	13.6	0.0	34.2
127	76.1	55.9	95.9

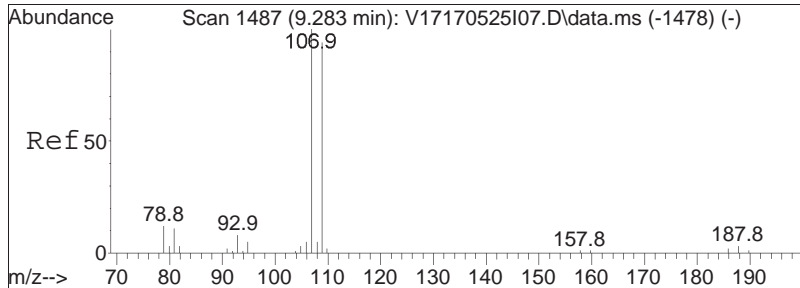




#70
 1,3-Dichloropropane
 Concen: 18.20 ug/L
 RT: 9.111 min Scan# 1454
 Delta R.T. -0.000 min
 Lab File: V17170718A01.D
 Acq: 18 Jul 2017 07:10

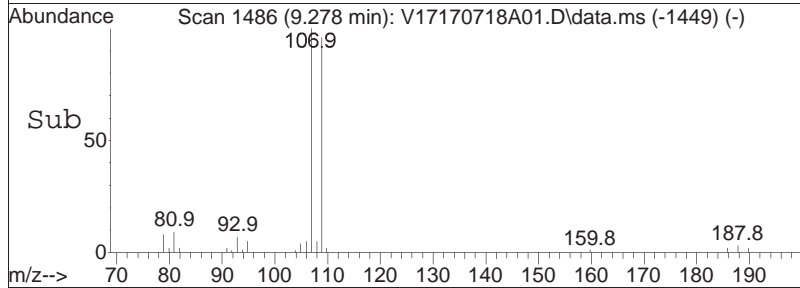
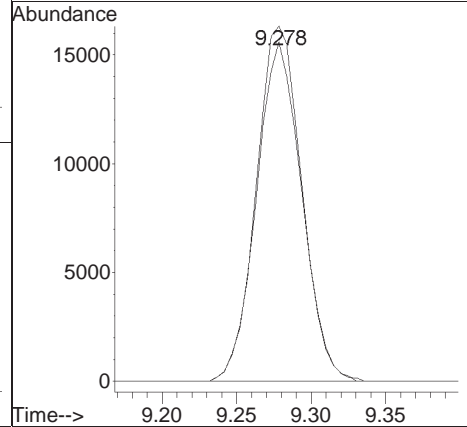
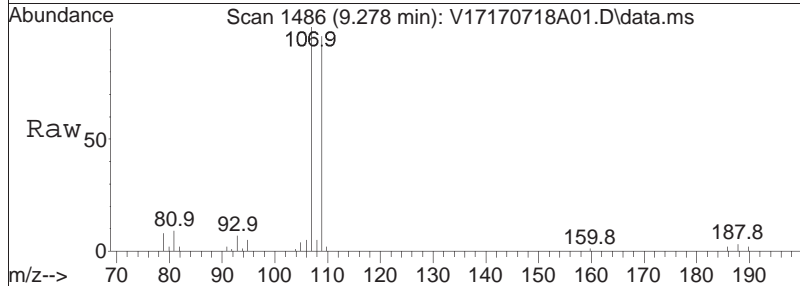
Tgt Ion:	Resp:		
Ion	Ratio	Lower	Upper
76	100		
78	31.8	26.0	39.0

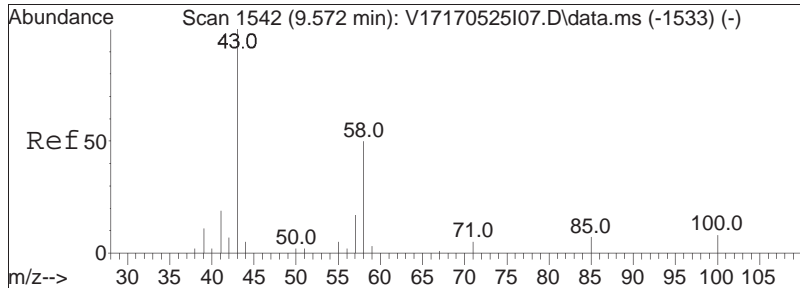




#71
 1,2-Dibromoethane
 Concen: 18.48 ug/L
 RT: 9.278 min Scan# 1486
 Delta R.T. -0.006 min
 Lab File: V17170718A01.D
 Acq: 18 Jul 2017 07:10

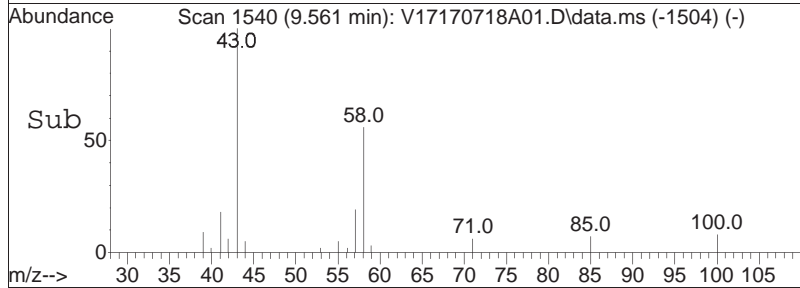
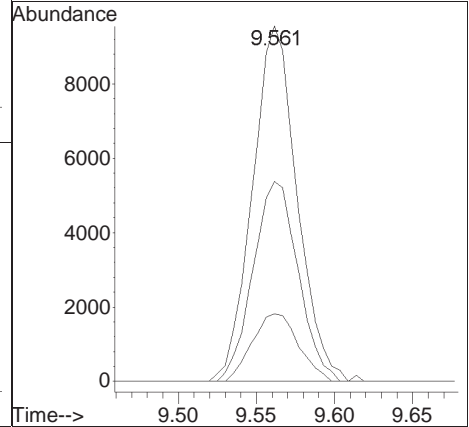
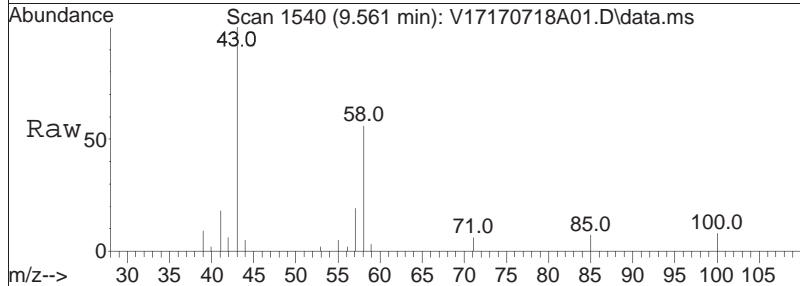
Tgt Ion	Resp	Lower	Upper
107	34827		
109	94.4	75.4	113.2

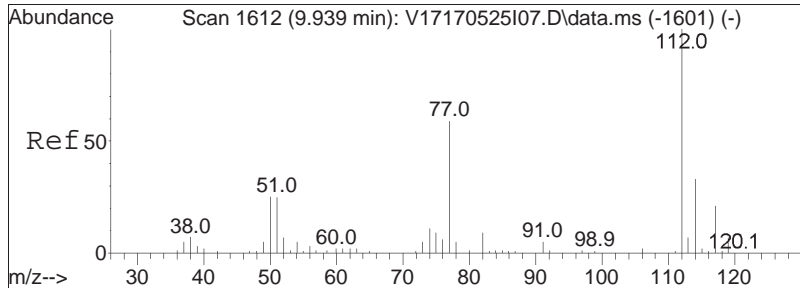




#72
 2-Hexanone
 Concen: 16.26 ug/L
 RT: 9.561 min Scan# 1540
 Delta R.T. -0.011 min
 Lab File: V17170718A01.D
 Acq: 18 Jul 2017 07:10

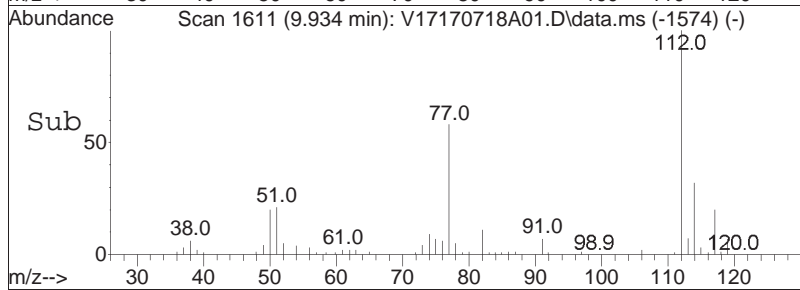
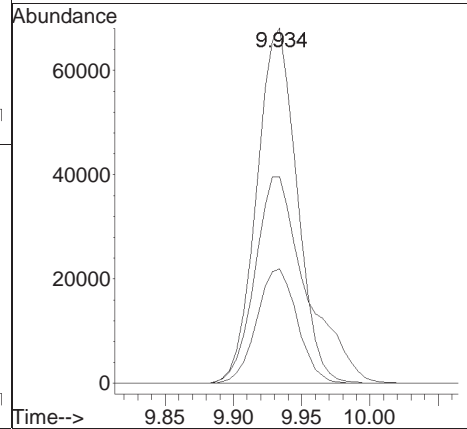
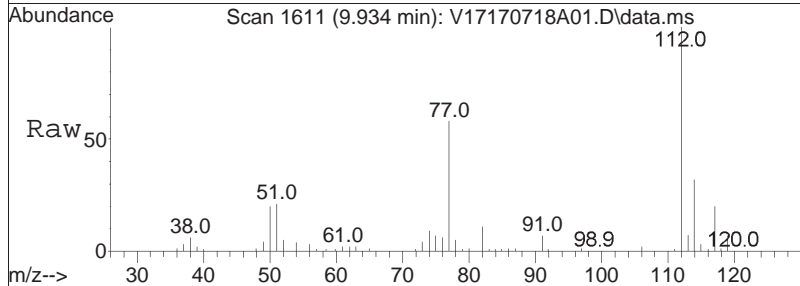
Tgt Ion	Resp	Lower	Upper
43	19042		
58	56.6	39.8	59.6
57	19.7	14.2	21.2

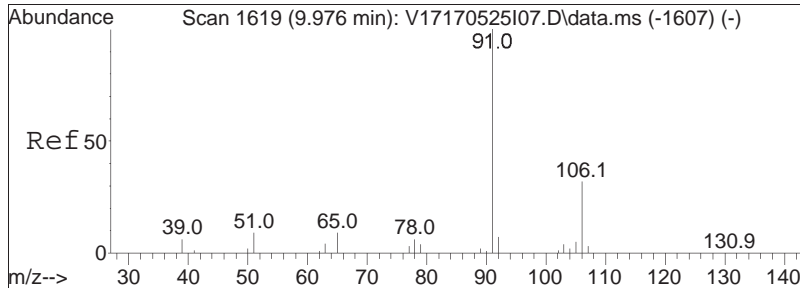




#73
 Chlorobenzene
 Concen: 18.66 ug/L
 RT: 9.934 min Scan# 1611
 Delta R.T. -0.005 min
 Lab File: V17170718A01.D
 Acq: 18 Jul 2017 07:10

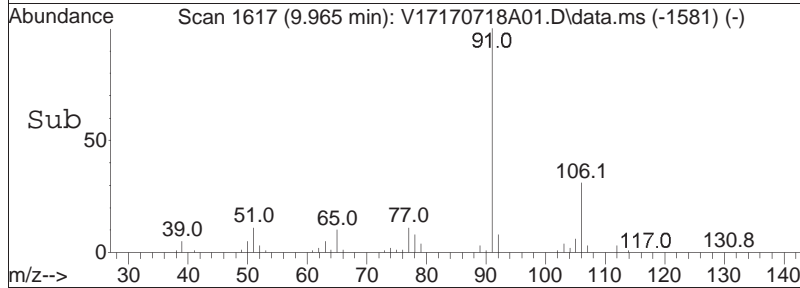
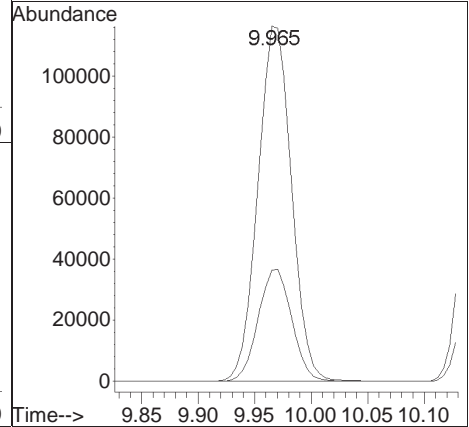
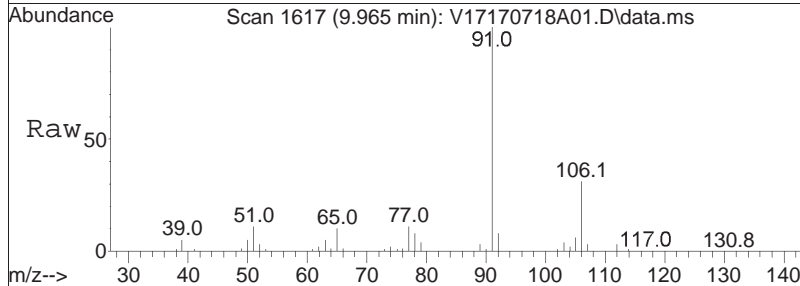
Tgt Ion	Ratio	Lower	Upper
112	100		
77	74.7	55.8	83.8
114	32.6	26.2	39.2

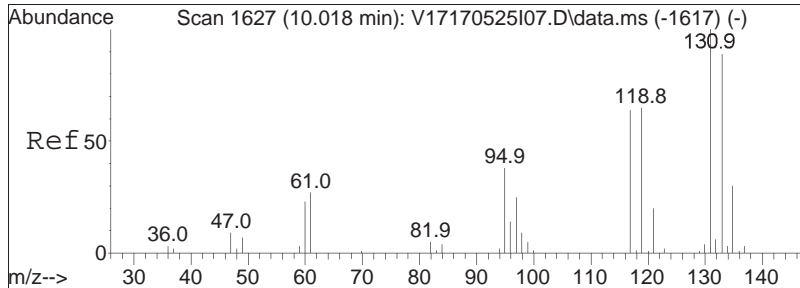




#74
 Ethylbenzene
 Concen: 18.48 ug/L
 RT: 9.965 min Scan# 1617
 Delta R.T. -0.011 min
 Lab File: V17170718A01.D
 Acq: 18 Jul 2017 07:10

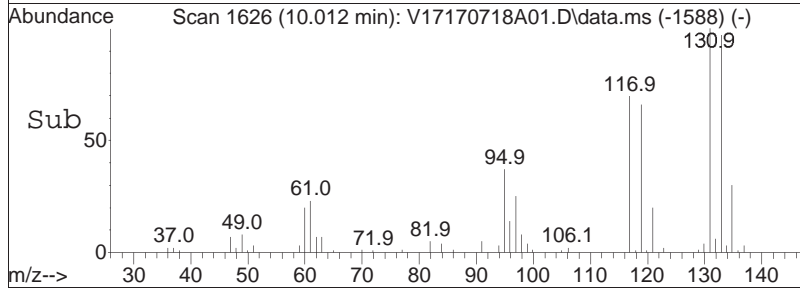
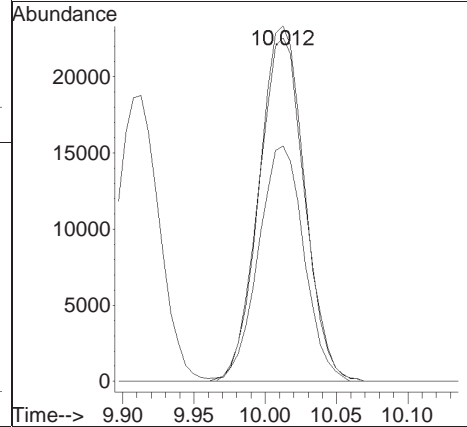
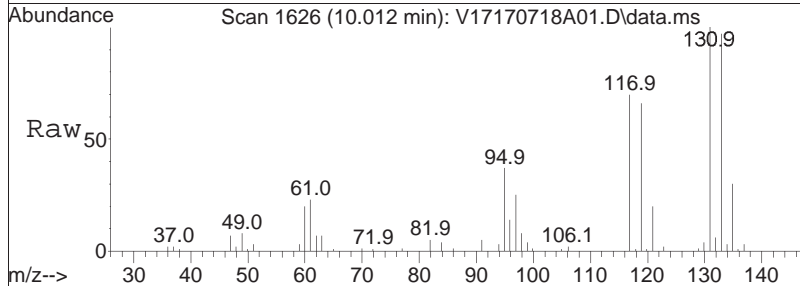
Tgt Ion:	91	Resp:	240477
Ion Ratio	Lower	Upper	
91	100		
106	31.5	25.8	38.6

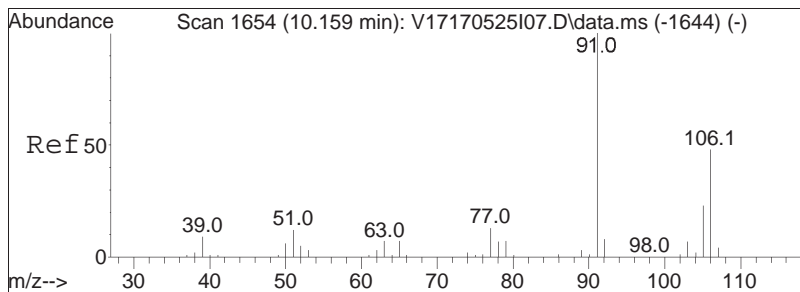




#75
 1,1,1,2-Tetrachloroethane
 Concen: 19.07 ug/L
 RT: 10.012 min Scan# 1626
 Delta R.T. 0.000 min
 Lab File: V17170718A01.D
 Acq: 18 Jul 2017 07:10

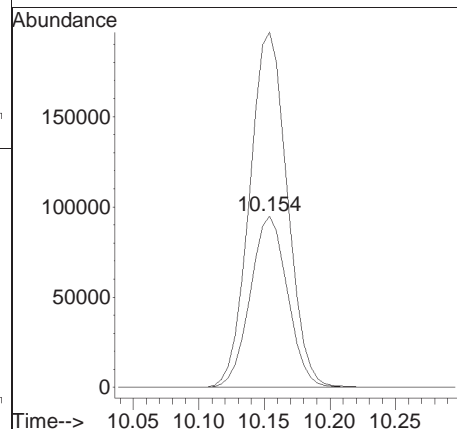
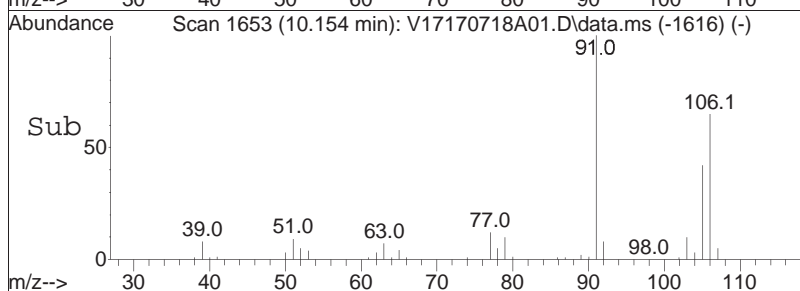
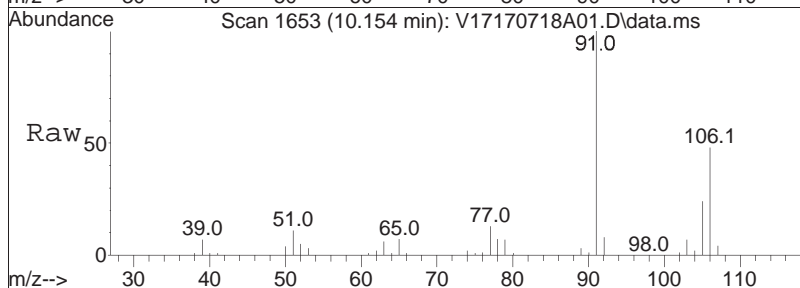
Tgt Ion	Resp	Lower	Upper
131	52055		
131	100		
133	96.0	75.5	115.5
119	66.1	46.4	86.4

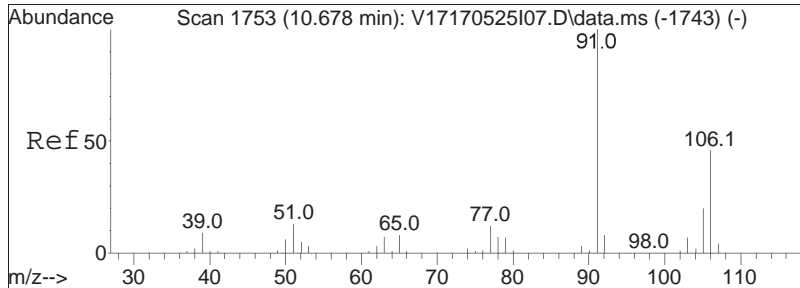




#76
 p/m Xylene
 Concen: 37.43 ug/L
 RT: 10.154 min Scan# 1653
 Delta R.T. -0.005 min
 Lab File: V17170718A01.D
 Acq: 18 Jul 2017 07:10

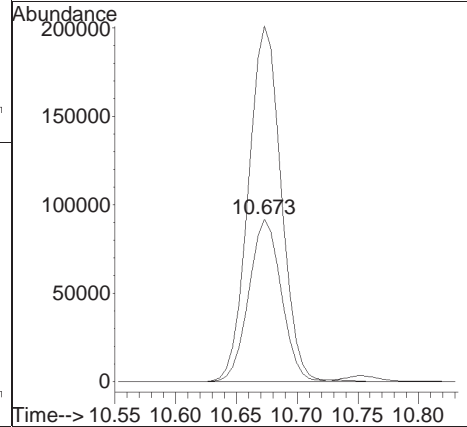
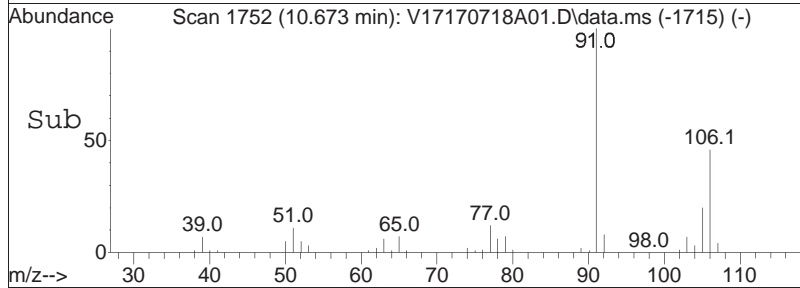
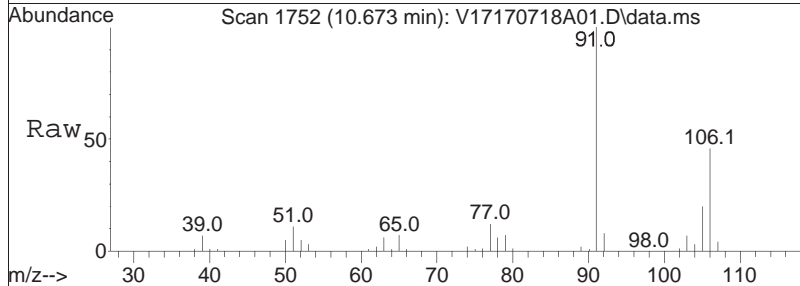
Tgt Ion	Resp	Lower	Upper
106	100		
91	210.0	162.9	244.3

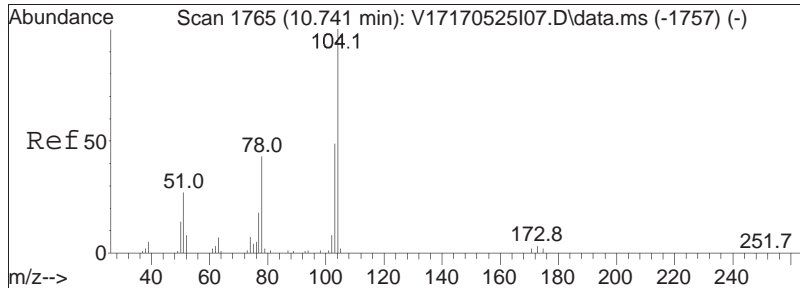




#77
 o Xylene
 Concen: 36.00 ug/L
 RT: 10.673 min Scan# 1752
 Delta R.T. -0.005 min
 Lab File: V17170718A01.D
 Acq: 18 Jul 2017 07:10

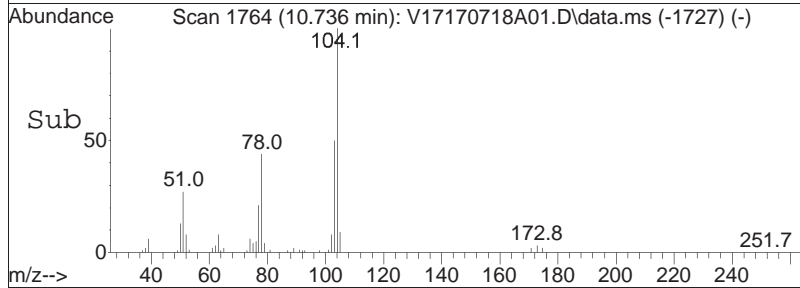
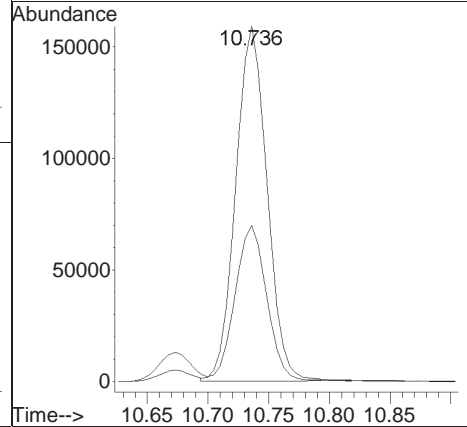
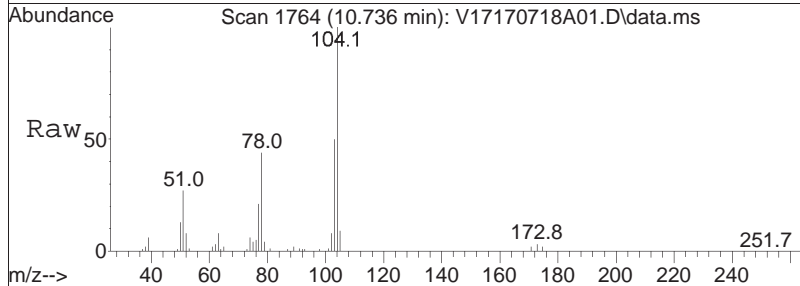
Tgt Ion	Resp	Lower	Upper
106	100		
91	219.8	170.4	255.6

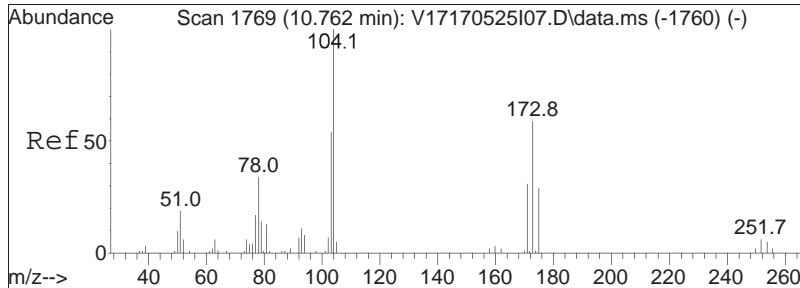




#78
 Styrene
 Concen: 36.66 ug/L
 RT: 10.736 min Scan# 1764
 Delta R.T. -0.005 min
 Lab File: V17170718A01.D
 Acq: 18 Jul 2017 07:10

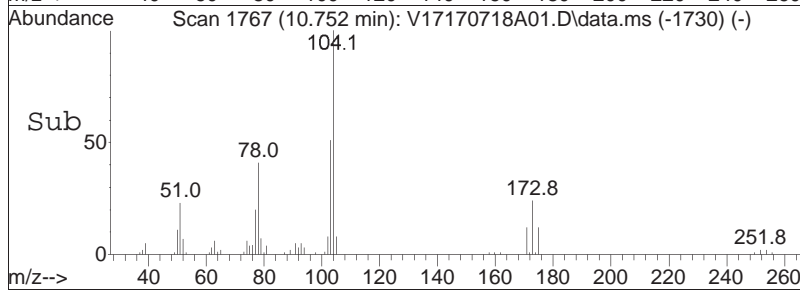
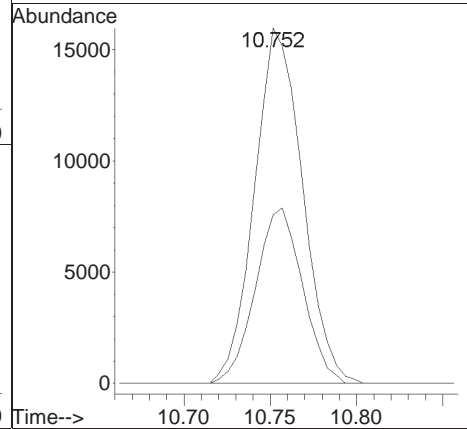
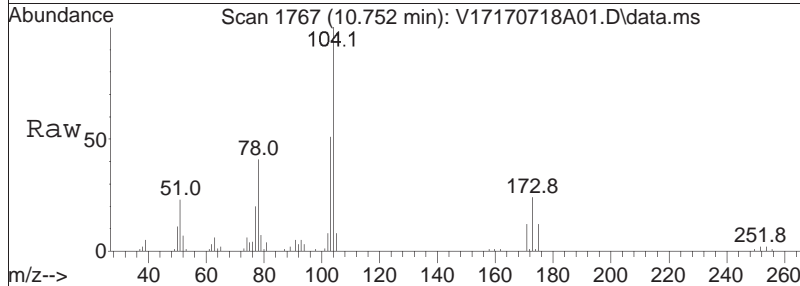
Tgt Ion	Ratio	Lower	Upper
104	100		
78	44.2	34.1	51.1

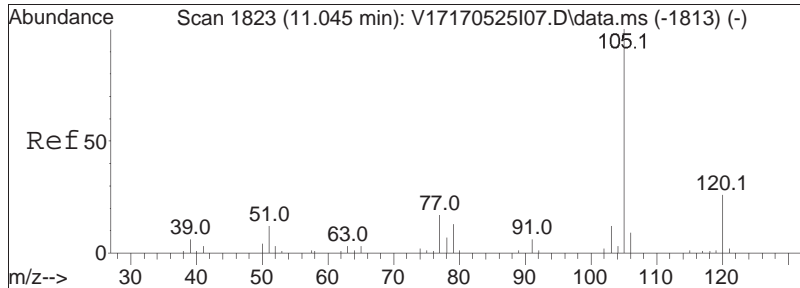




#80
 Bromoform
 Concen: 18.69 ug/L
 RT: 10.752 min Scan# 1767
 Delta R.T. -0.005 min
 Lab File: V17170718A01.D
 Acq: 18 Jul 2017 07:10

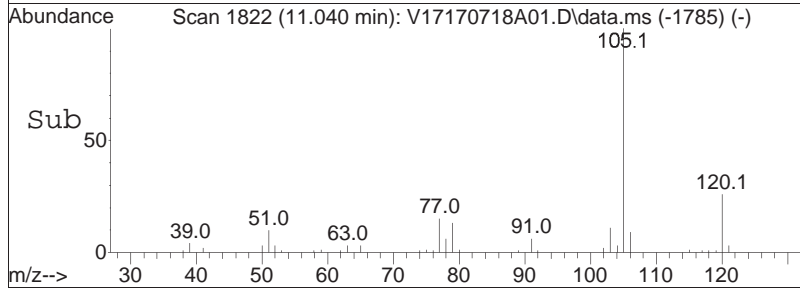
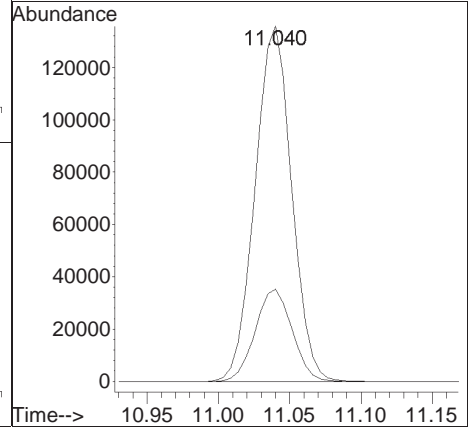
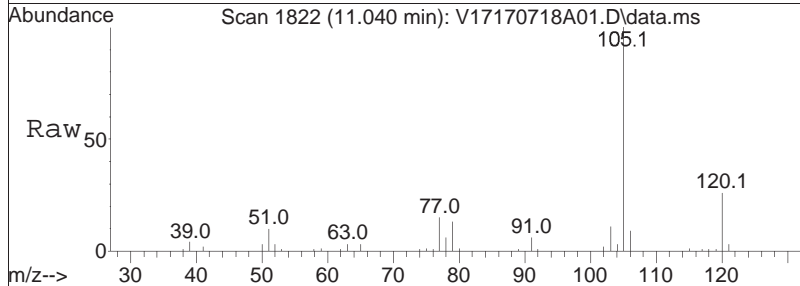
Tgt Ion:	173	Resp:	30901
Ion Ratio	Lower	Upper	
173	100		
175	48.4	28.8	68.8

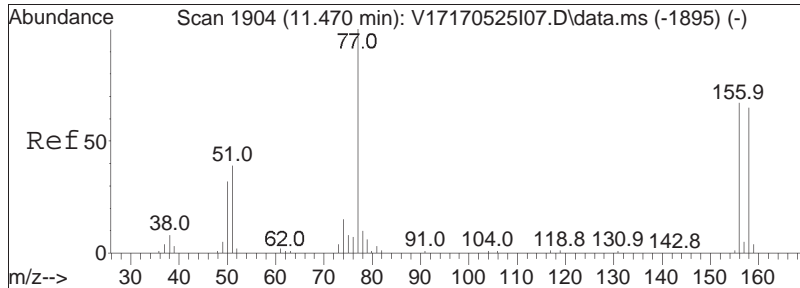




#82
 Isopropylbenzene
 Concen: 19.15 ug/L
 RT: 11.040 min Scan# 1822
 Delta R.T. -0.005 min
 Lab File: V17170718A01.D
 Acq: 18 Jul 2017 07:10

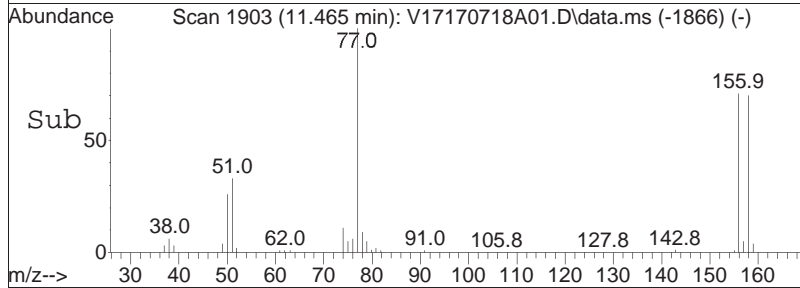
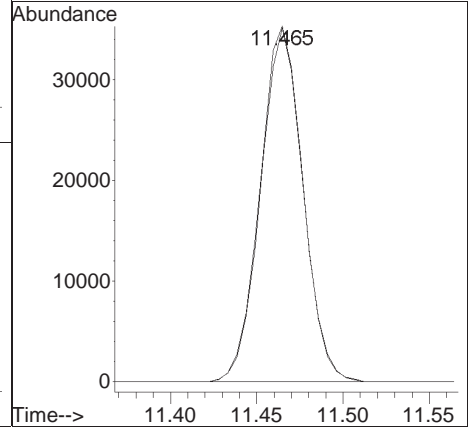
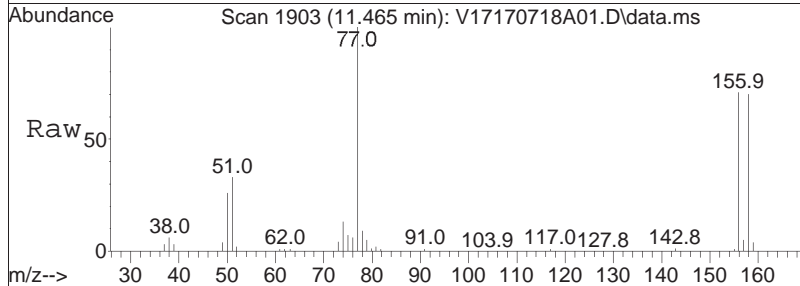
Tgt Ion:	105	Resp:	241849
Ion Ratio	Lower	Upper	
105	100		
120	26.1	6.6	46.6

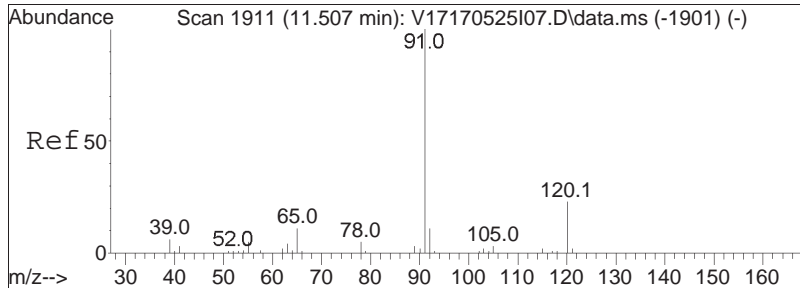




#84
 Bromobenzene
 Concen: 19.17 ug/L
 RT: 11.465 min Scan# 1903
 Delta R.T. -0.005 min
 Lab File: V17170718A01.D
 Acq: 18 Jul 2017 07:10

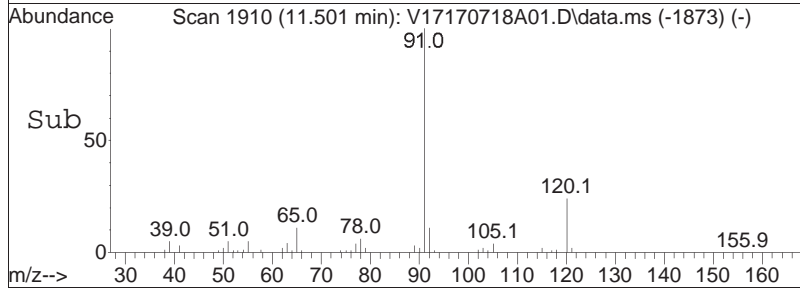
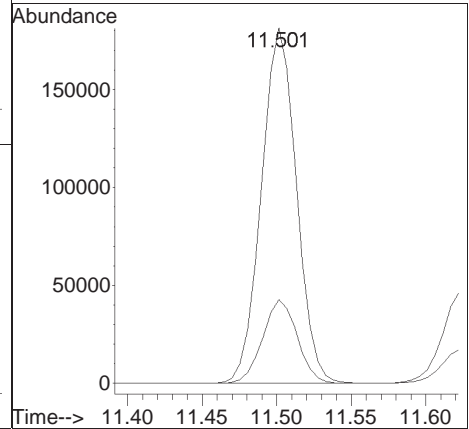
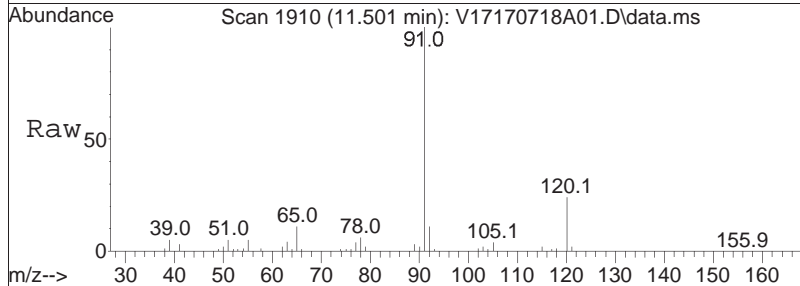
Tgt Ion:	156	Resp:	61008
Ion Ratio	Lower	Upper	
156	100		
158	97.7	78.3	117.5

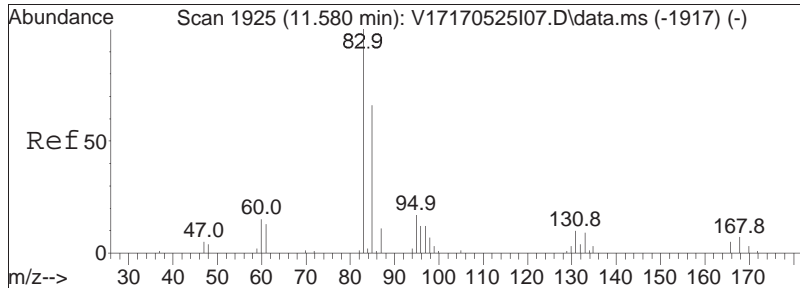




#85
 n-Propylbenzene
 Concen: 18.86 ug/L
 RT: 11.501 min Scan# 1910
 Delta R.T. -0.006 min
 Lab File: V17170718A01.D
 Acq: 18 Jul 2017 07:10

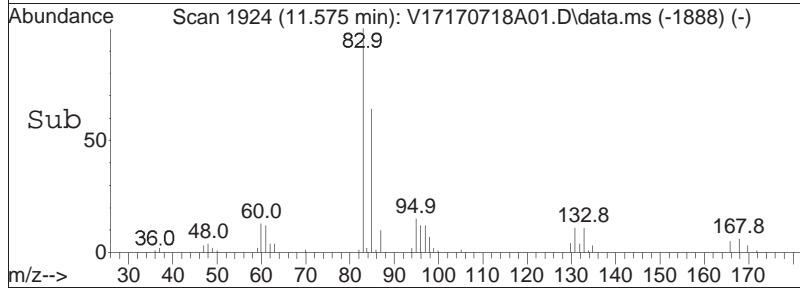
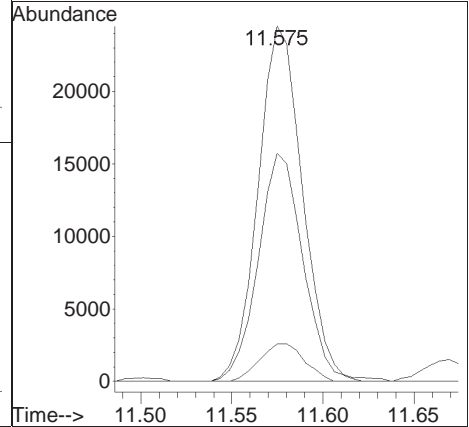
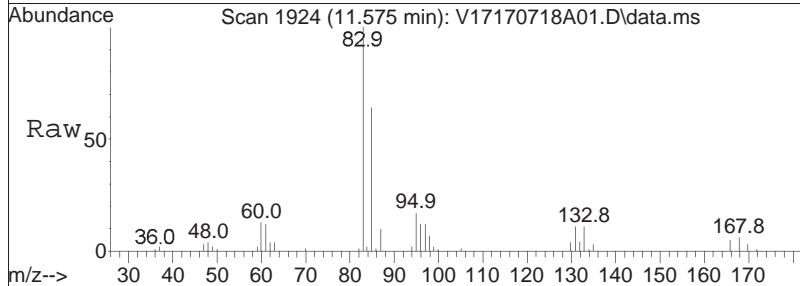
Tgt Ion:	91	Resp:	296557
Ion Ratio	100	Lower	Upper
120	23.3	19.5	29.3

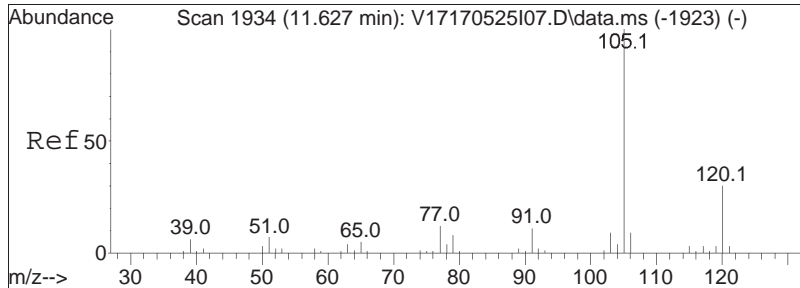




#87
 1,1,2,2-Tetrachloroethane
 Concen: 18.06 ug/L
 RT: 11.575 min Scan# 1924
 Delta R.T. -0.010 min
 Lab File: V17170718A01.D
 Acq: 18 Jul 2017 07:10

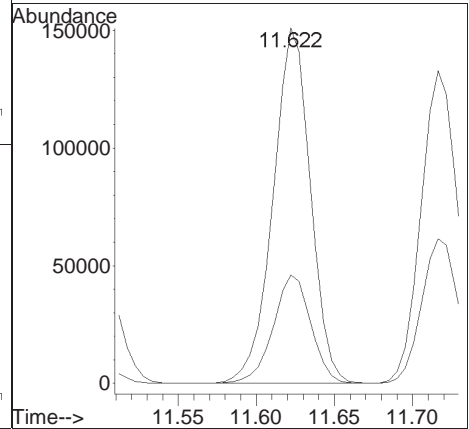
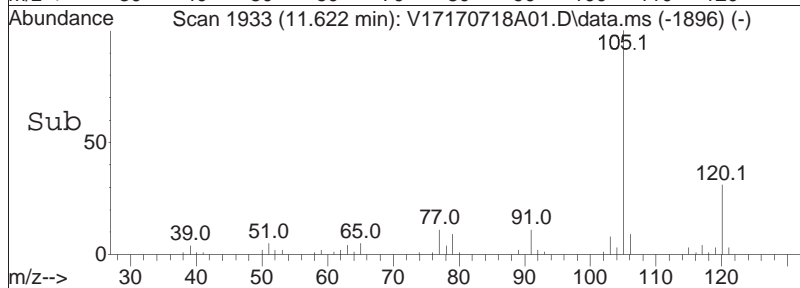
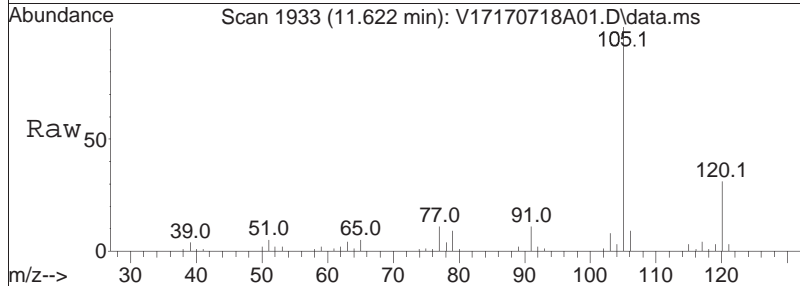
Tgt Ion	Resp	Lower	Upper
83	41520		
83	100		
131	10.7	0.0	31.5
85	65.0	45.6	85.6

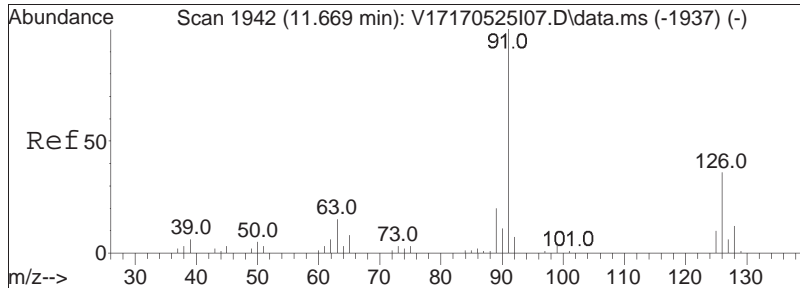




#88
 4-Ethyltoluene
 Concen: 19.91 ug/L
 RT: 11.622 min Scan# 1933
 Delta R.T. -0.005 min
 Lab File: V17170718A01.D
 Acq: 18 Jul 2017 07:10

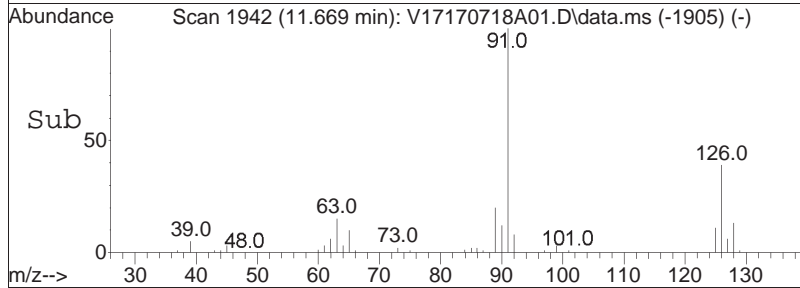
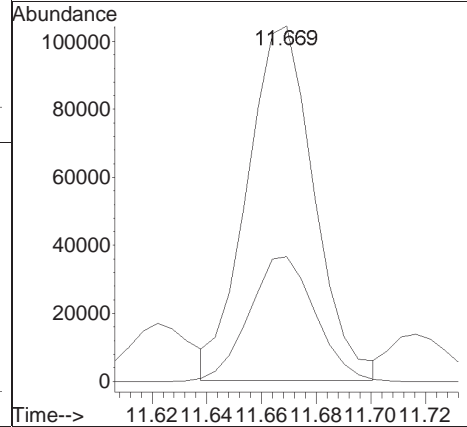
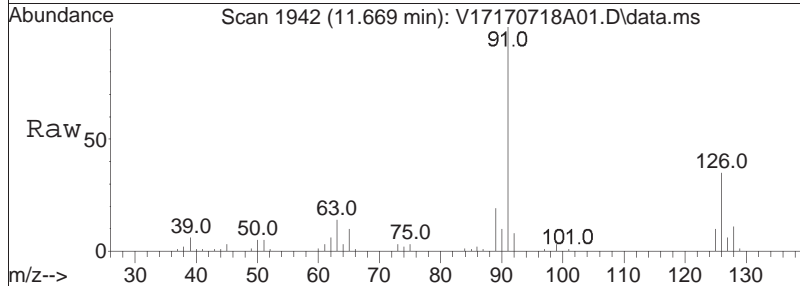
Tgt Ion	Resp	Lower	Upper
105	100		
120	30.7	20.2	42.0

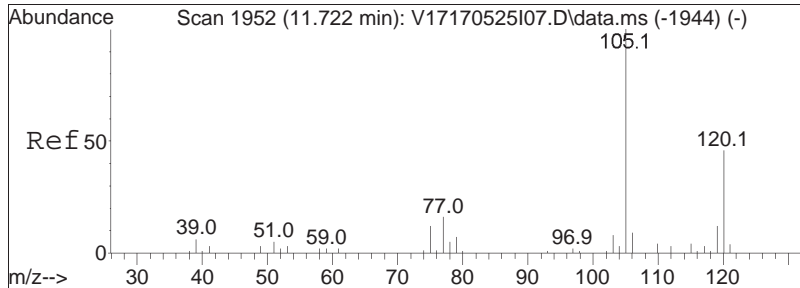




#89
 2-Chlorotoluene
 Concen: 19.15 ug/L
 RT: 11.669 min Scan# 1942
 Delta R.T. -0.006 min
 Lab File: V17170718A01.D
 Acq: 18 Jul 2017 07:10

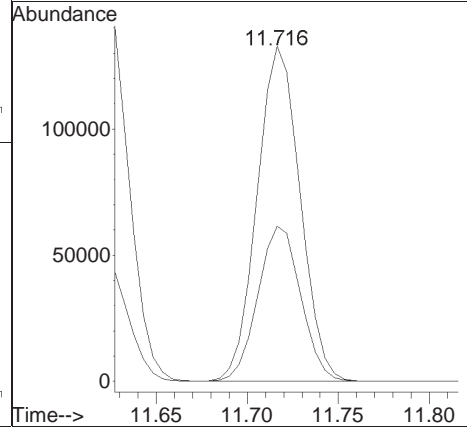
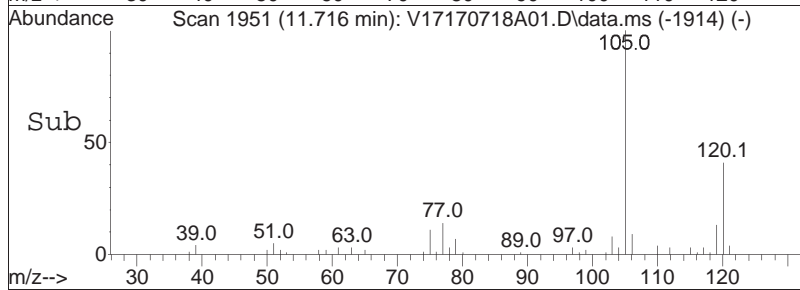
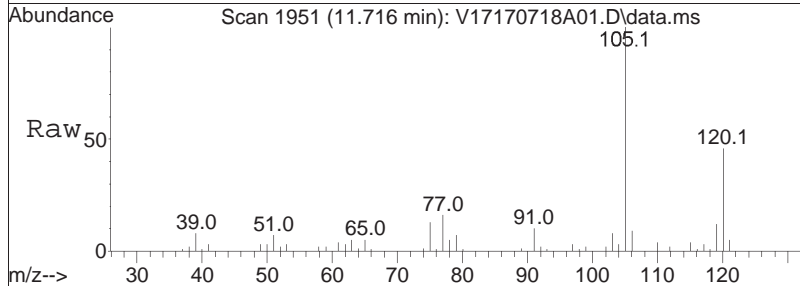
Tgt Ion:	91	Resp:	177410
Ion Ratio	Lower	Upper	
91	100		
126	34.8	30.0	45.0

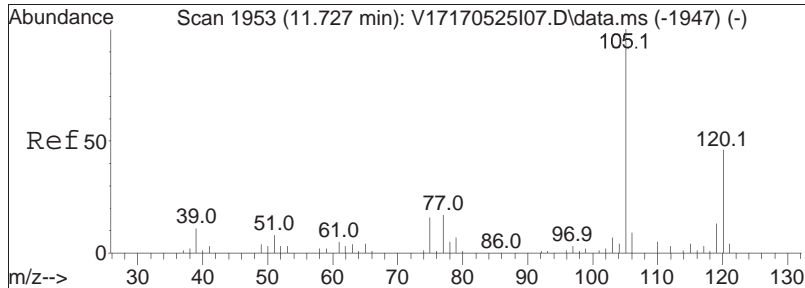




#90
 1,3,5-Trimethylbenzene
 Concen: 19.29 ug/L
 RT: 11.716 min Scan# 1951
 Delta R.T. -0.006 min
 Lab File: V17170718A01.D
 Acq: 18 Jul 2017 07:10

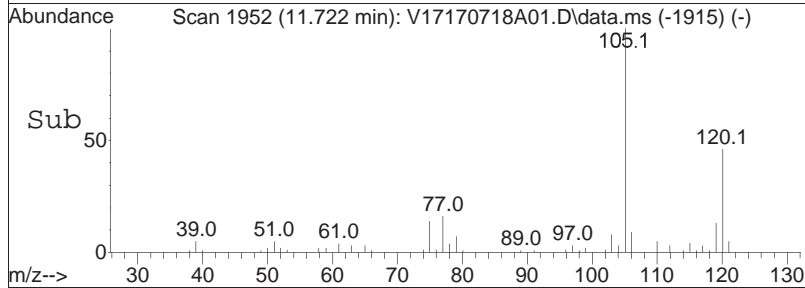
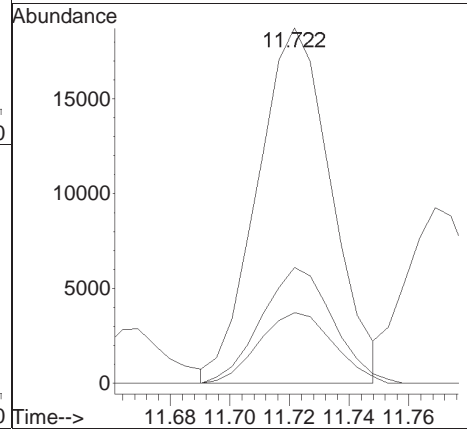
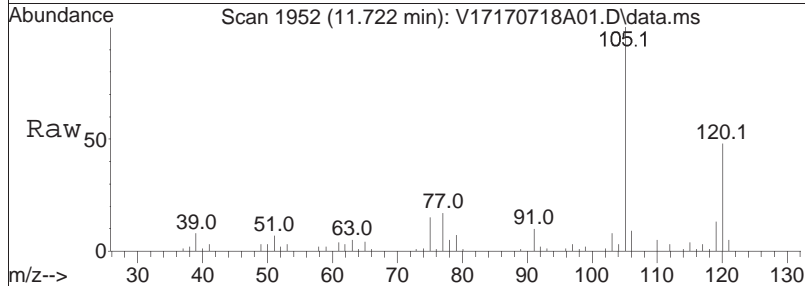
Tgt Ion	Resp	Lower	Upper
105	100		
120	46.2	37.9	56.9

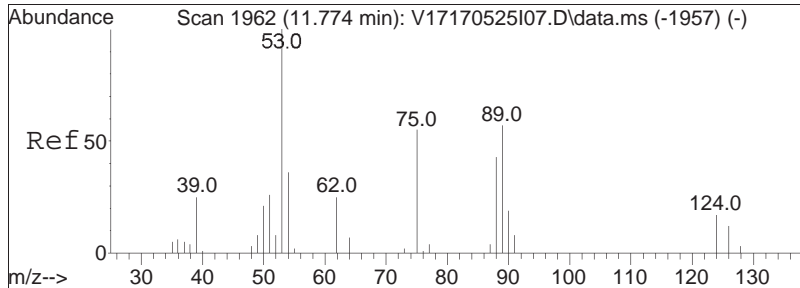




#91
 1,2,3-Trichloropropane
 Concen: 17.51 ug/L
 RT: 11.722 min Scan# 1952
 Delta R.T. -0.005 min
 Lab File: V17170718A01.D
 Acq: 18 Jul 2017 07:10

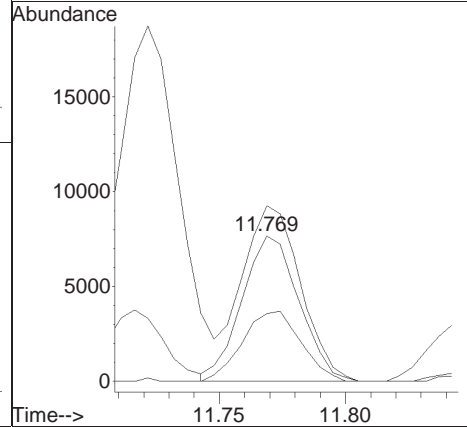
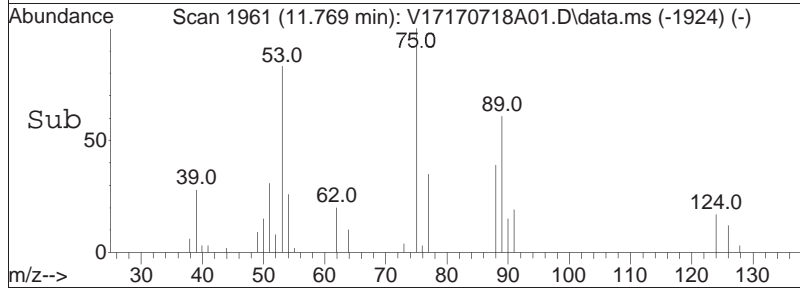
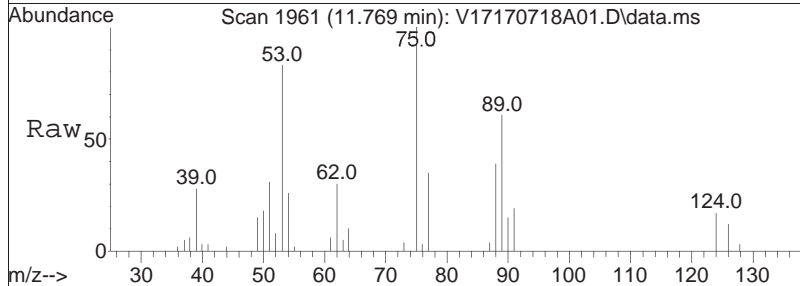
Tgt Ion	Resp	Lower	Upper
75	32240		
75	100		
110	31.6	22.6	46.8
112	20.1	14.1	29.3

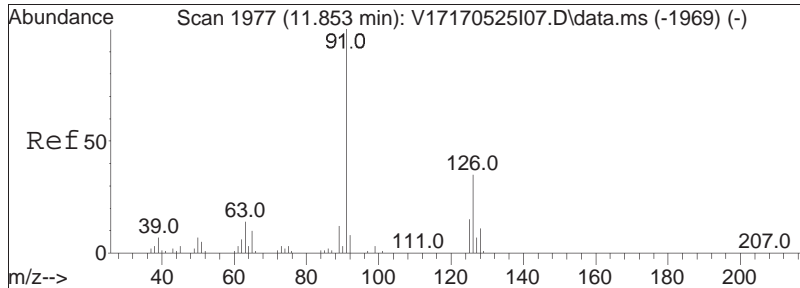




#92
 trans-1,4-Dichloro-2-butene
 Concen: 16.66 ug/L
 RT: 11.769 min Scan# 1961
 Delta R.T. -0.005 min
 Lab File: V17170718A01.D
 Acq: 18 Jul 2017 07:10

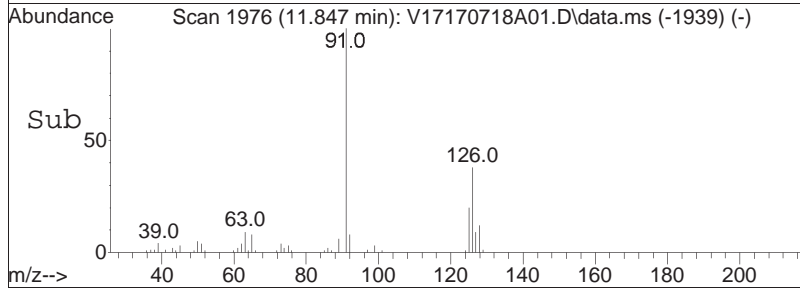
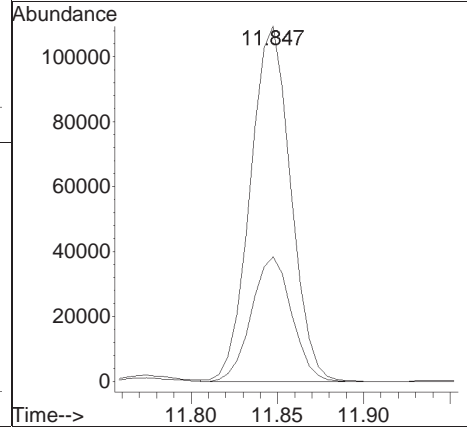
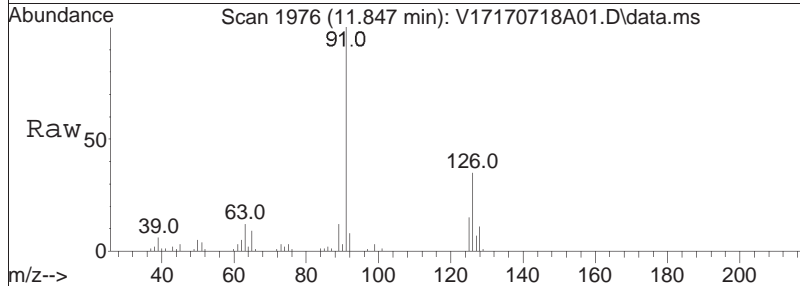
Tgt Ion	Resp	Lower	Upper
53	100		
88	49.5	33.7	50.5
75	124.2	81.6	122.4#

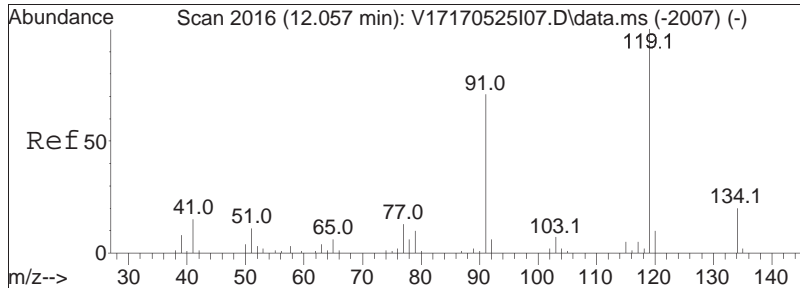




#93
 4-Chlorotoluene
 Concen: 18.84 ug/L
 RT: 11.847 min Scan# 1976
 Delta R.T. -0.006 min
 Lab File: V17170718A01.D
 Acq: 18 Jul 2017 07:10

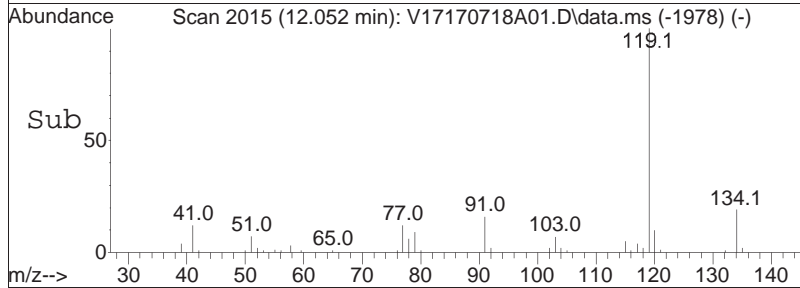
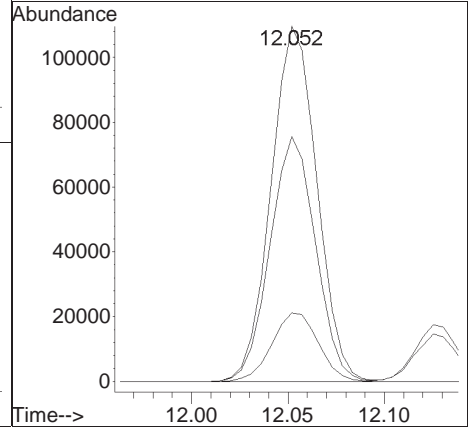
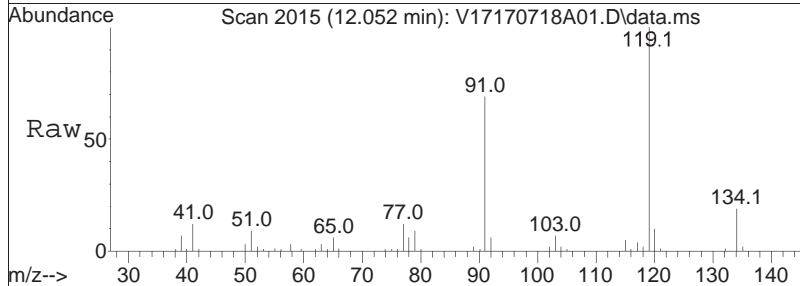
Tgt Ion:	91	Resp:	177924
Ion Ratio	Lower	Upper	
91	100		
126	34.9	29.5	44.3

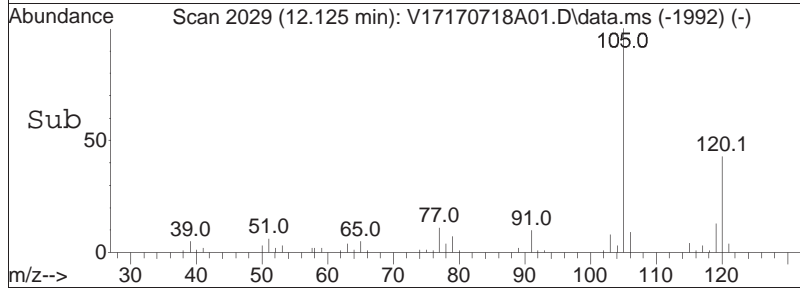
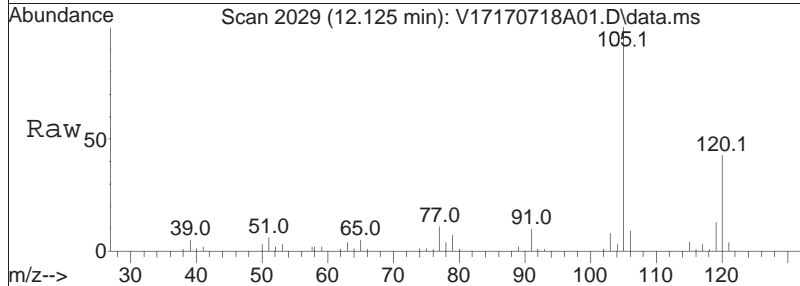
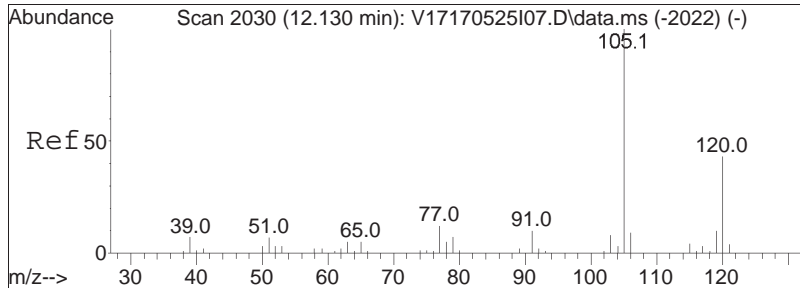




#94
 tert-Butylbenzene
 Concen: 19.37 ug/L
 RT: 12.052 min Scan# 2015
 Delta R.T. -0.005 min
 Lab File: V17170718A01.D
 Acq: 18 Jul 2017 07:10

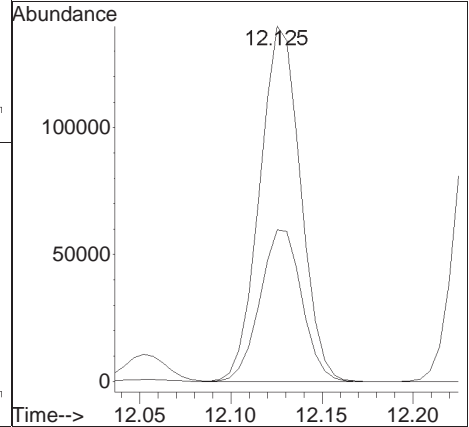
Tgt Ion	Resp	Lower	Upper
119	181098		
91	68.6	52.2	78.2
134	19.5	15.9	23.9

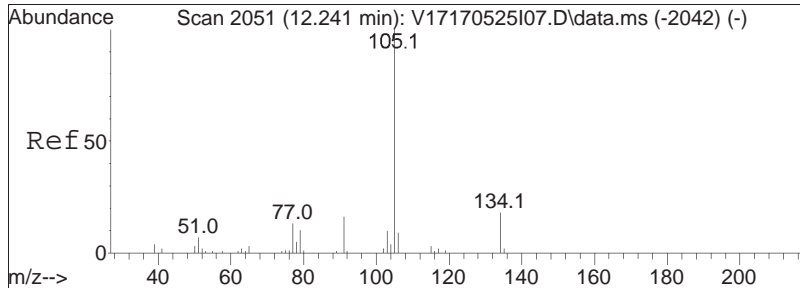




#97
 1,2,4-Trimethylbenzene
 Concen: 19.55 ug/L
 RT: 12.125 min Scan# 2029
 Delta R.T. -0.006 min
 Lab File: V17170718A01.D
 Acq: 18 Jul 2017 07:10

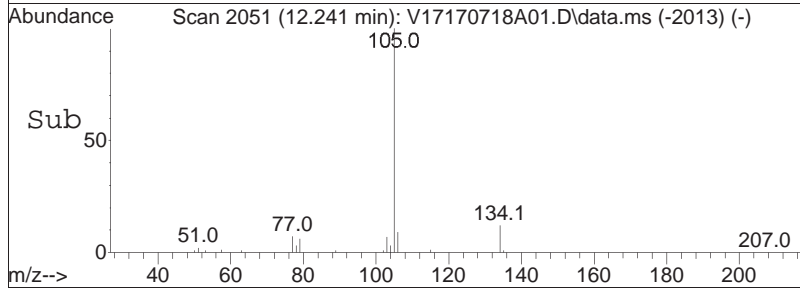
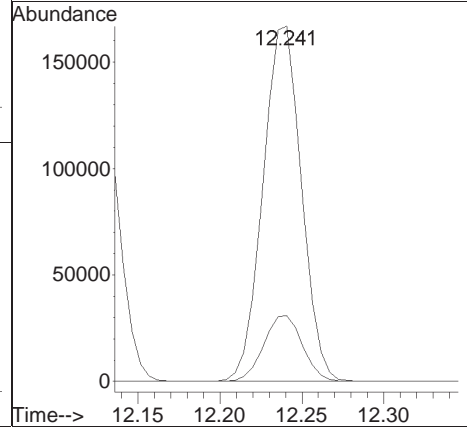
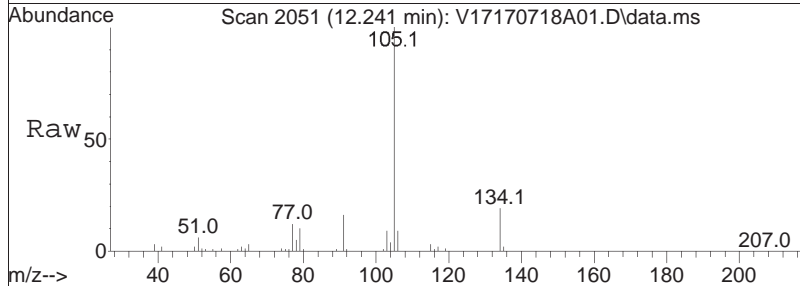
Tgt Ion	Resp	Lower	Upper
105	100		
120	43.6	35.7	53.5

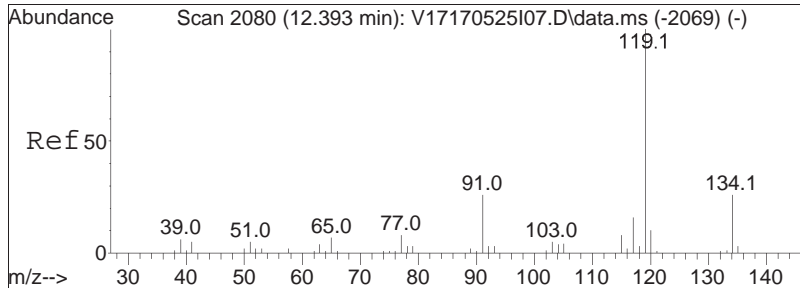




#98
 sec-Butylbenzene
 Concen: 19.22 ug/L
 RT: 12.241 min Scan# 2051
 Delta R.T. -0.000 min
 Lab File: V17170718A01.D
 Acq: 18 Jul 2017 07:10

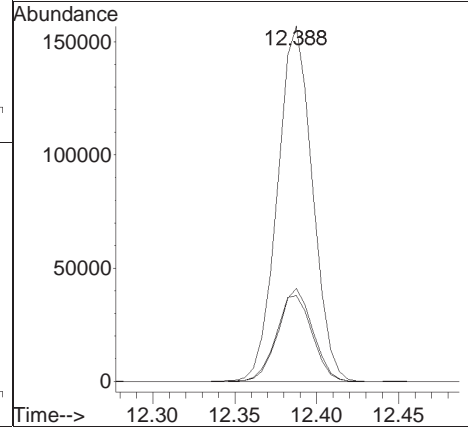
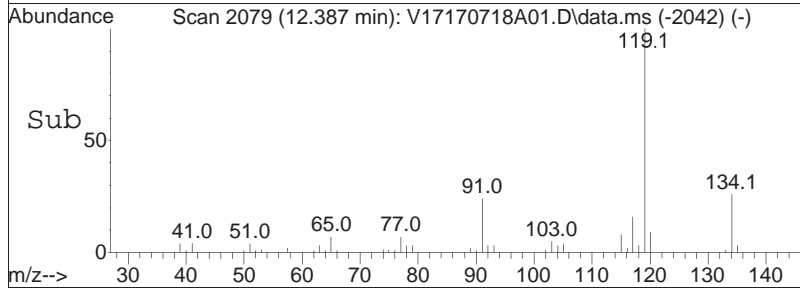
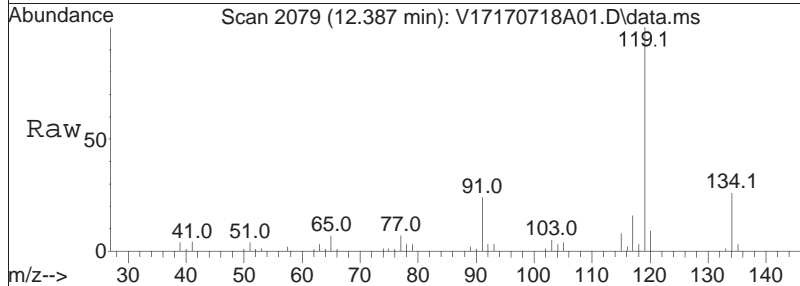
Tgt Ion	Ratio	Lower	Upper
105	100		
134	18.6	12.5	25.9

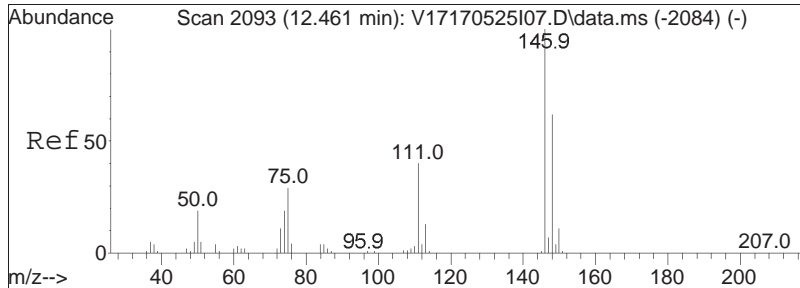




#99
 p-Isopropyltoluene
 Concen: 19.42 ug/L
 RT: 12.387 min Scan# 2079
 Delta R.T. -0.006 min
 Lab File: V17170718A01.D
 Acq: 18 Jul 2017 07:10

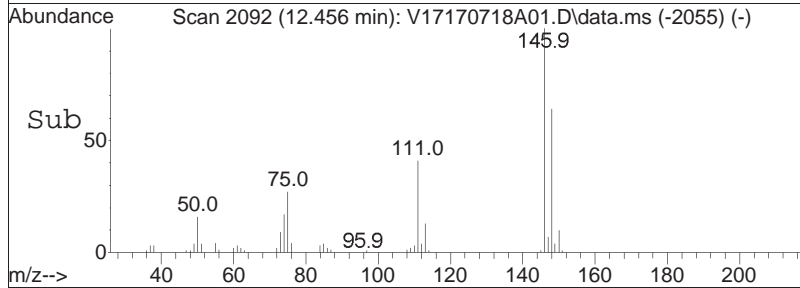
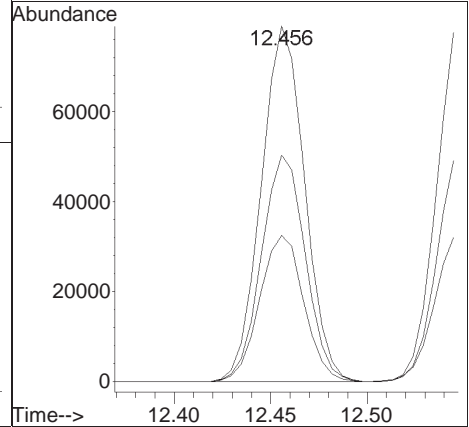
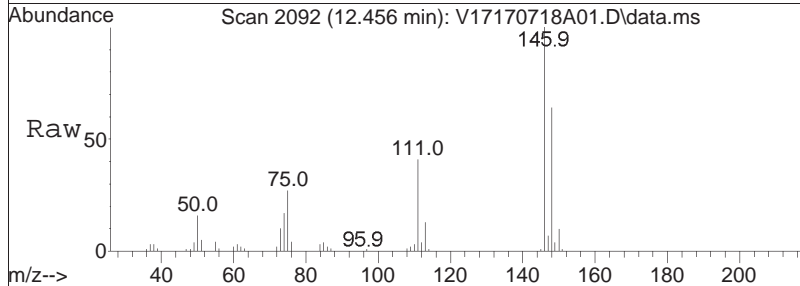
Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.8	17.0	35.2
91	24.9	15.6	32.4

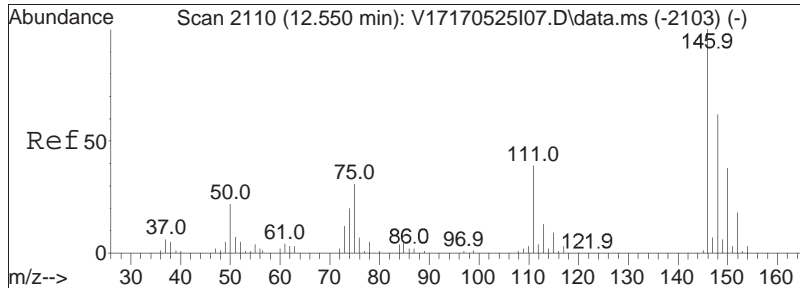




#100
 1,3-Dichlorobenzene
 Concen: 19.02 ug/L
 RT: 12.456 min Scan# 2092
 Delta R.T. -0.005 min
 Lab File: V17170718A01.D
 Acq: 18 Jul 2017 07:10

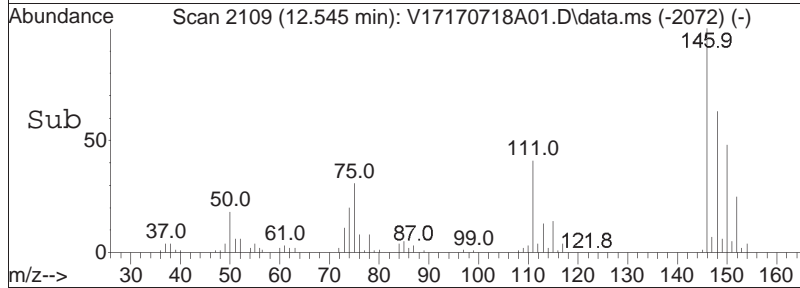
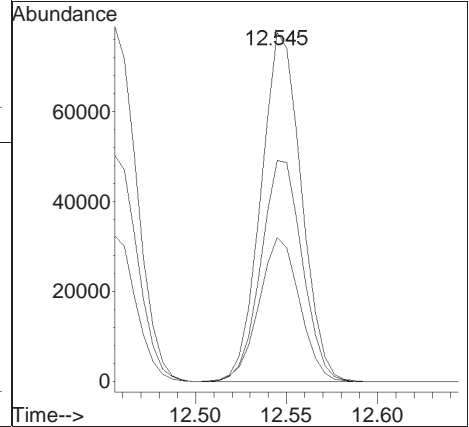
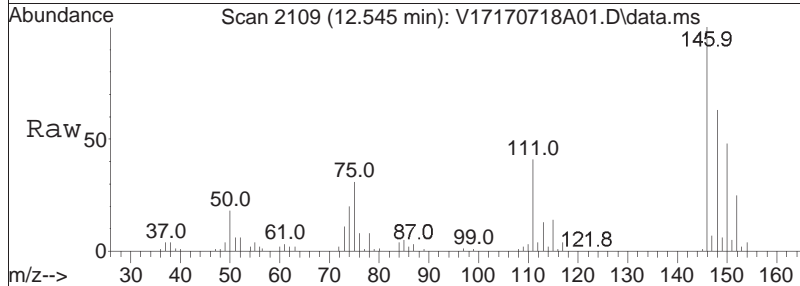
Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.6	25.8	53.6
148	64.3	41.6	86.4

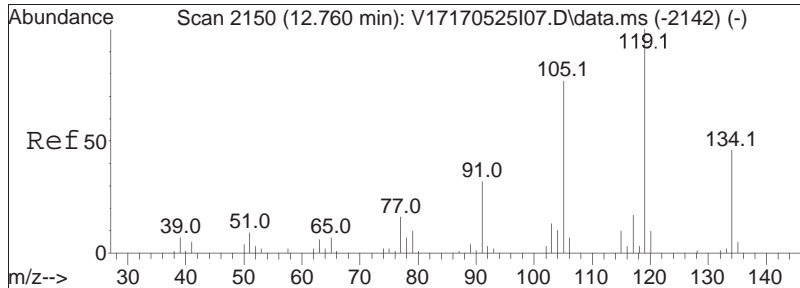




#101
 1,4-Dichlorobenzene
 Concen: 18.71 ug/L
 RT: 12.545 min Scan# 2109
 Delta R.T. -0.005 min
 Lab File: V17170718A01.D
 Acq: 18 Jul 2017 07:10

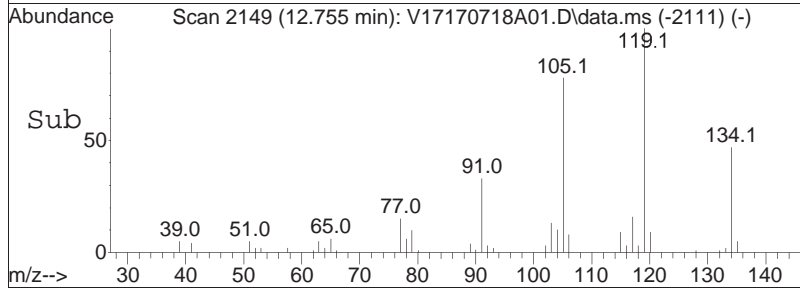
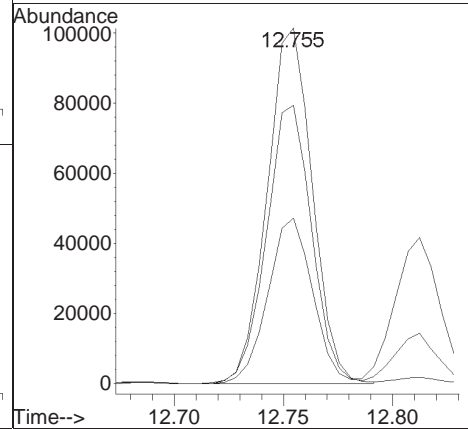
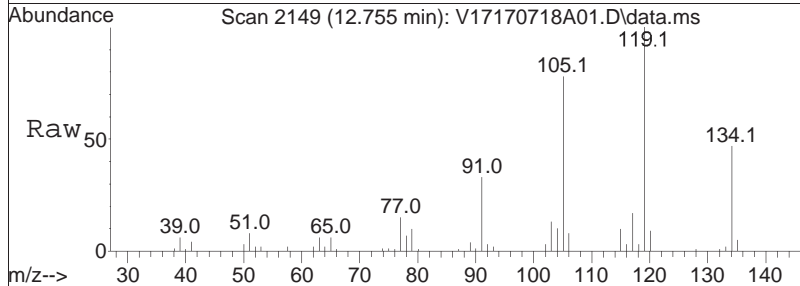
Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.4	31.4	47.0
148	64.7	51.7	77.5

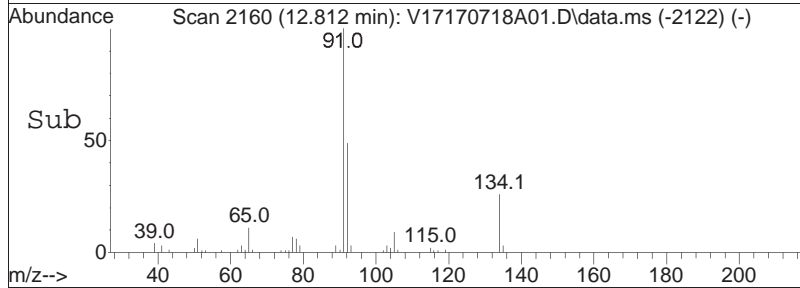
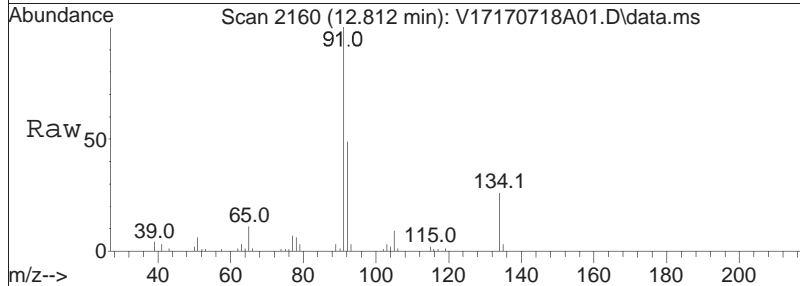
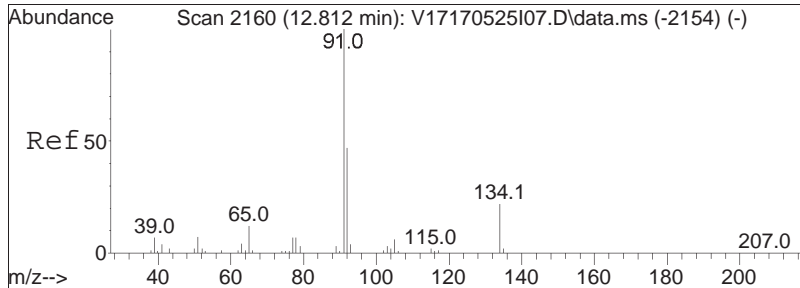




#102
 p-Diethylbenzene
 Concen: 19.74 ug/L
 RT: 12.755 min Scan# 2149
 Delta R.T. -0.000 min
 Lab File: V17170718A01.D
 Acq: 18 Jul 2017 07:10

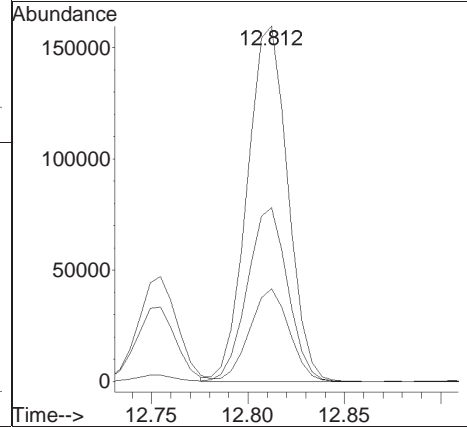
Tgt Ion	Resp	Lower	Upper
119	145375		
119	100		
105	78.6	49.9	103.5
134	46.1	30.6	63.4

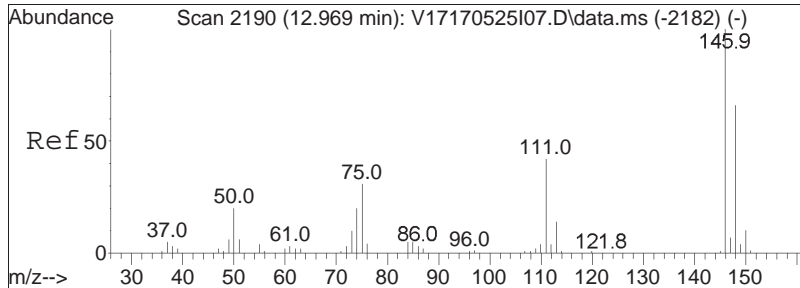




#103
 n-Butylbenzene
 Concen: 18.87 ug/L
 RT: 12.812 min Scan# 2160
 Delta R.T. 0.000 min
 Lab File: V17170718A01.D
 Acq: 18 Jul 2017 07:10

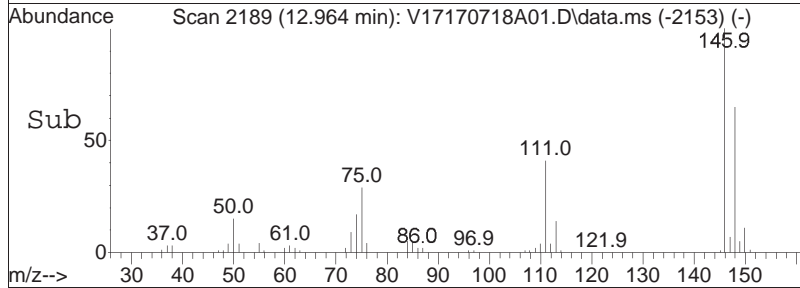
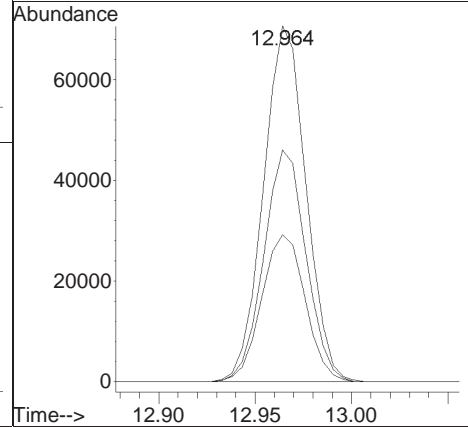
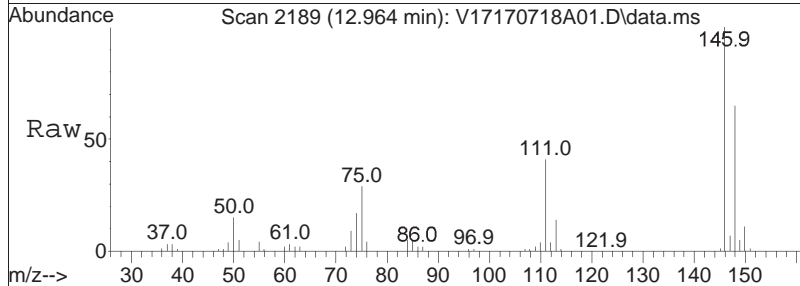
Tgt Ion	Resp	Lower	Upper
91	233816		
91	100		
92	48.5	39.0	58.4
134	25.4	21.3	31.9

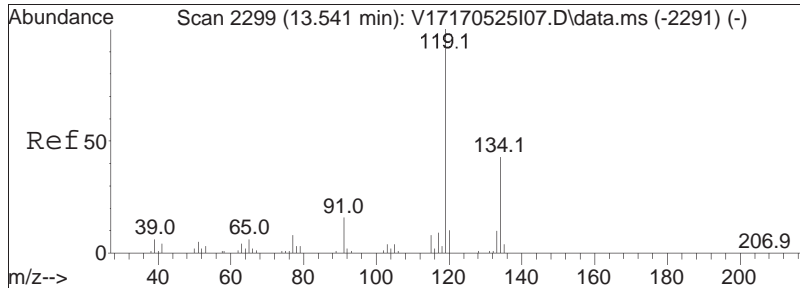




#104
 1,2-Dichlorobenzene
 Concen: 18.68 ug/L
 RT: 12.964 min Scan# 2189
 Delta R.T. -0.011 min
 Lab File: V17170718A01.D
 Acq: 18 Jul 2017 07:10

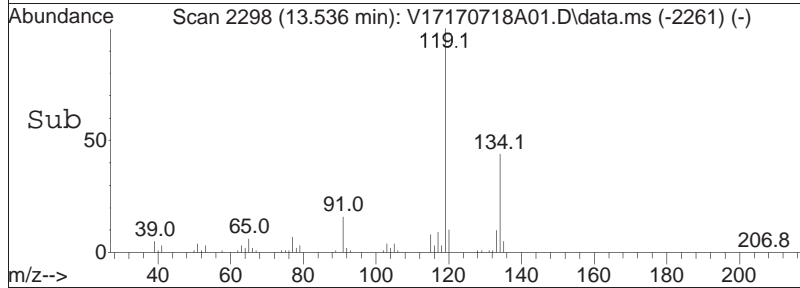
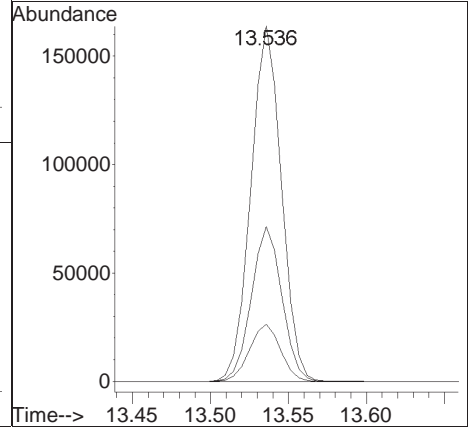
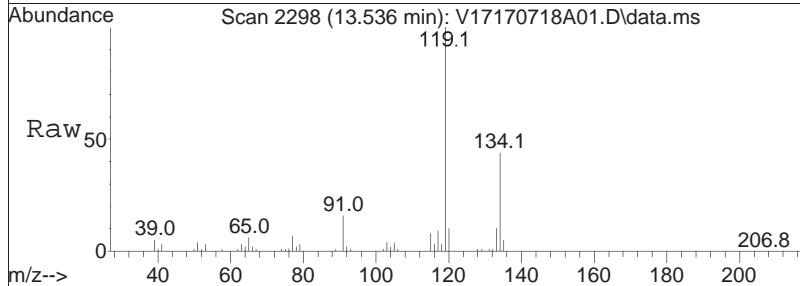
Tgt Ion	Resp	Lower	Upper
146	108193		
146	100		
111	42.3	26.2	54.4
148	64.7	41.6	86.4

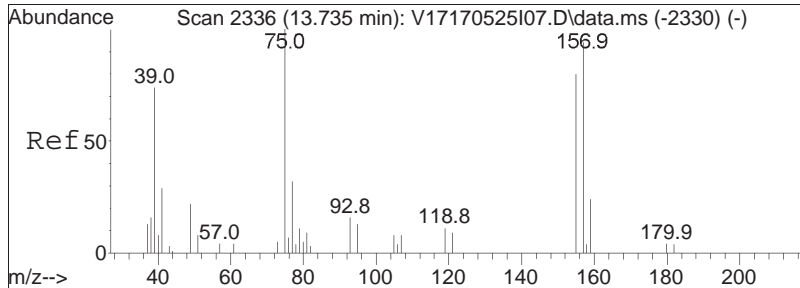




#105
 1,2,4,5-Tetramethylbenzene
 Concen: 20.10 ug/L
 RT: 13.536 min Scan# 2298
 Delta R.T. -0.005 min
 Lab File: V17170718A01.D
 Acq: 18 Jul 2017 07:10

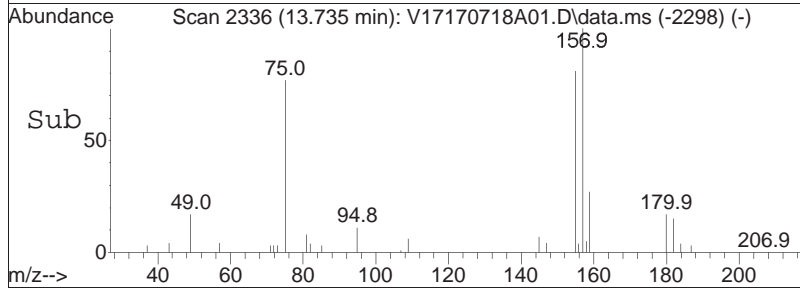
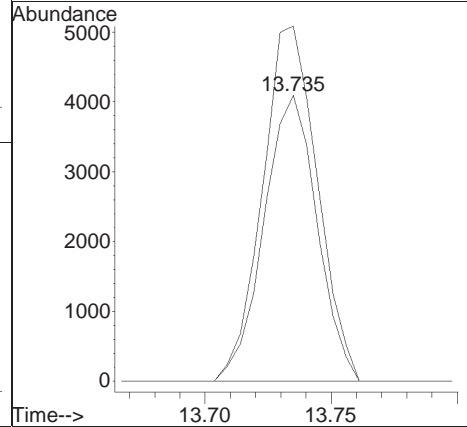
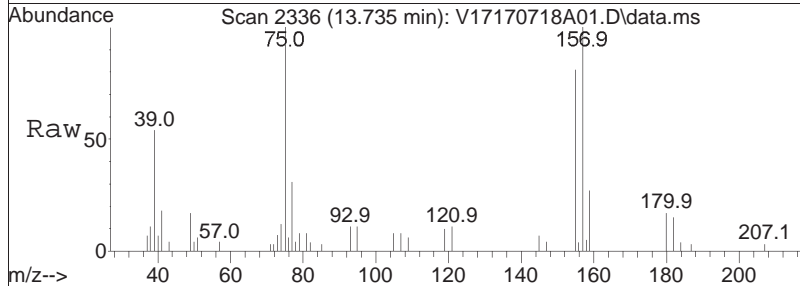
Tgt Ion	Resp	Lower	Upper
119	223309		
119	100		
134	43.4	29.3	60.8
91	16.3	10.0	20.8

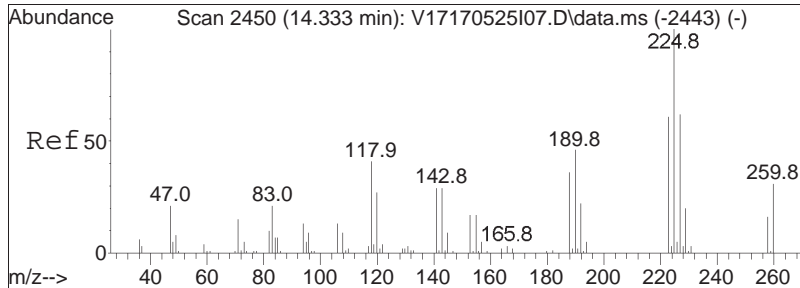




#106
 1,2-Dibromo-3-chloropropane
 Concen: 18.05 ug/L
 RT: 13.735 min Scan# 2336
 Delta R.T. -0.000 min
 Lab File: V17170718A01.D
 Acq: 18 Jul 2017 07:10

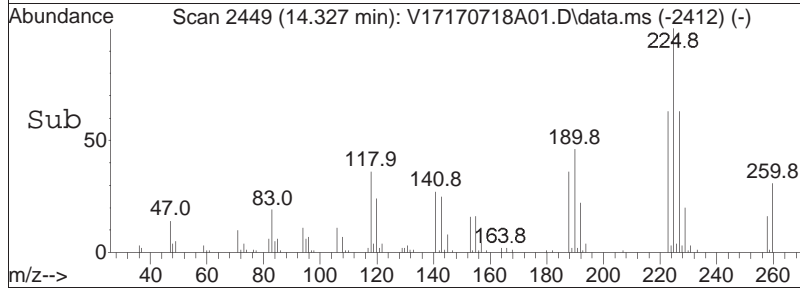
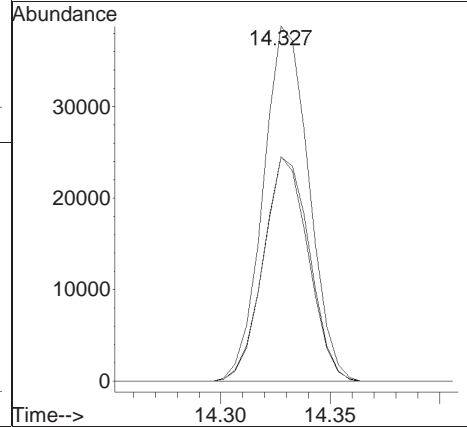
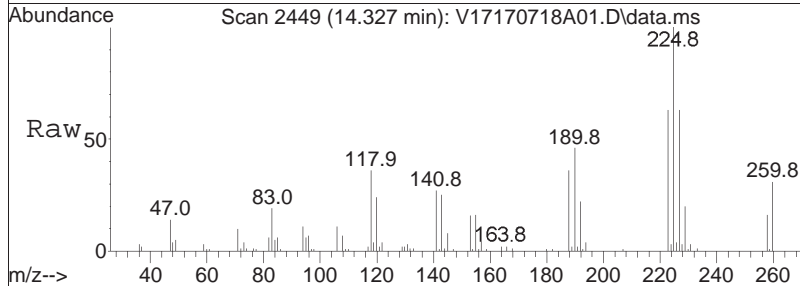
Tgt Ion	Resp	Lower	Upper
155	100		
157	128.5	103.4	155.0

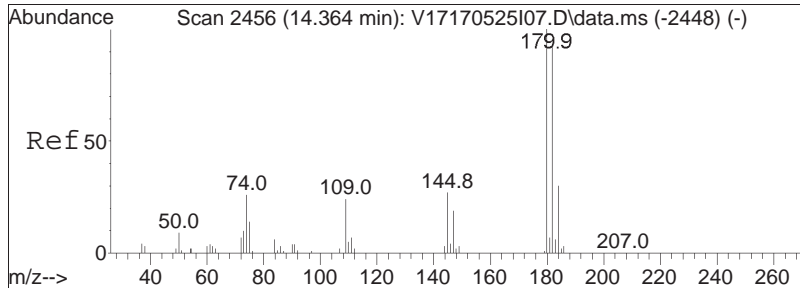




#108
 Hexachlorobutadiene
 Concen: 20.89 ug/L
 RT: 14.327 min Scan# 2449
 Delta R.T. -0.006 min
 Lab File: V17170718A01.D
 Acq: 18 Jul 2017 07:10

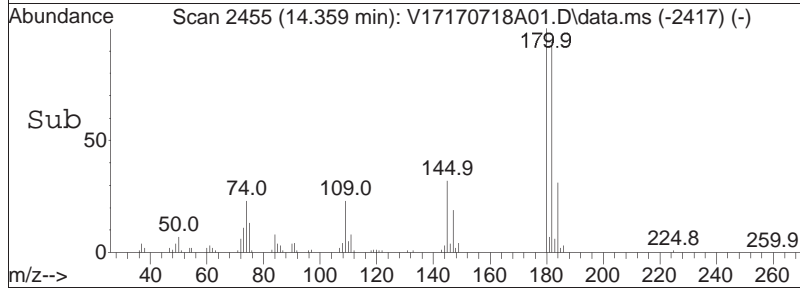
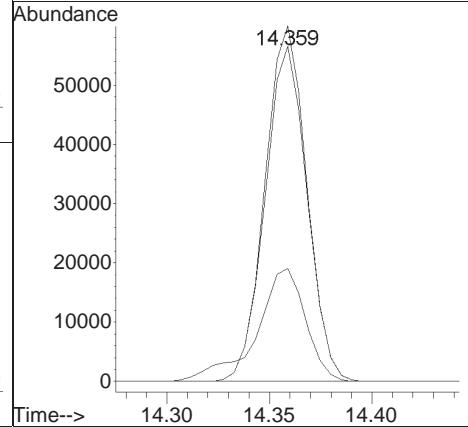
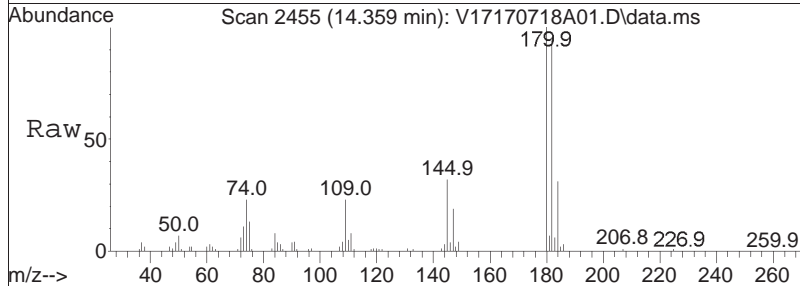
Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.4	50.2	75.2
227	63.7	51.5	77.3

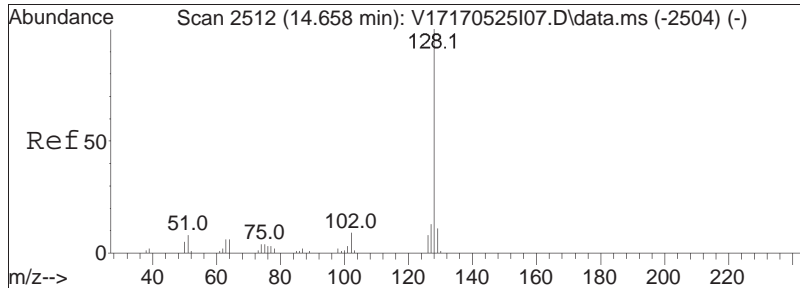




#109
 1,2,4-Trichlorobenzene
 Concen: 19.62 ug/L
 RT: 14.359 min Scan# 2455
 Delta R.T. -0.000 min
 Lab File: V17170718A01.D
 Acq: 18 Jul 2017 07:10

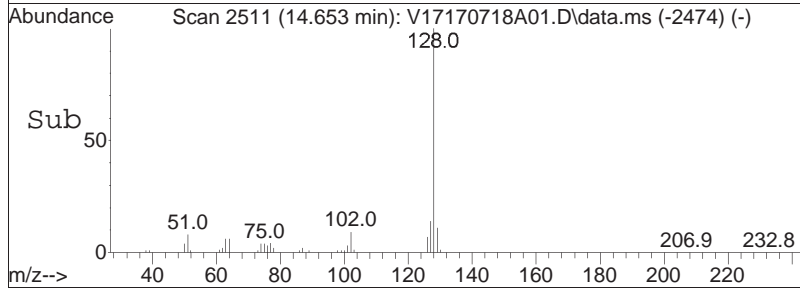
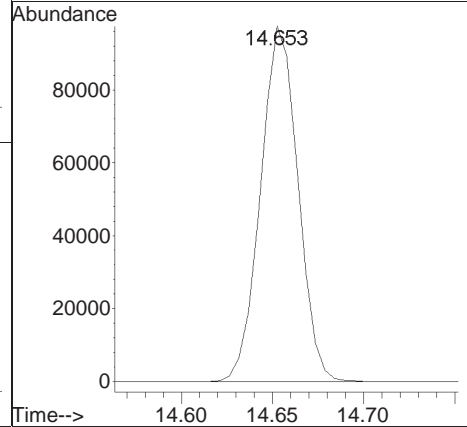
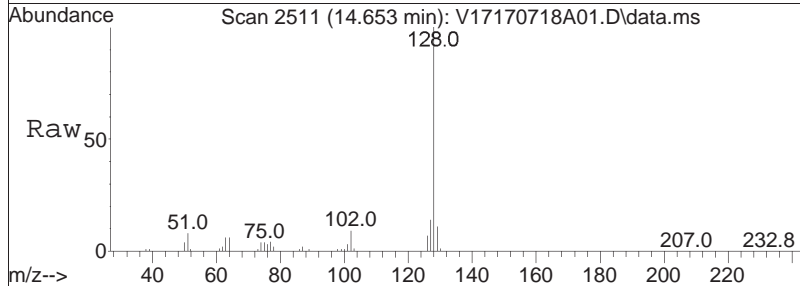
Tgt Ion	Resp	Lower	Upper
180	85044		
180	100		
182	94.8	77.2	115.8
145	37.3	29.0	43.6

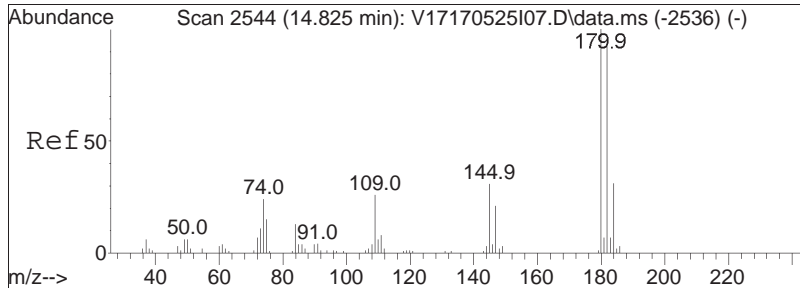




#110
 Naphthalene
 Concen: 18.34 ug/L
 RT: 14.653 min Scan# 2511
 Delta R.T. -0.005 min
 Lab File: V17170718A01.D
 Acq: 18 Jul 2017 07:10

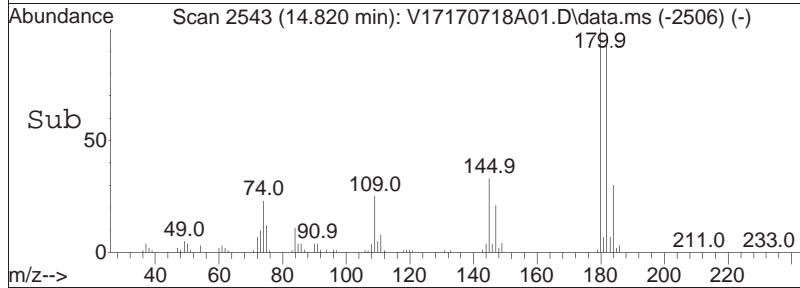
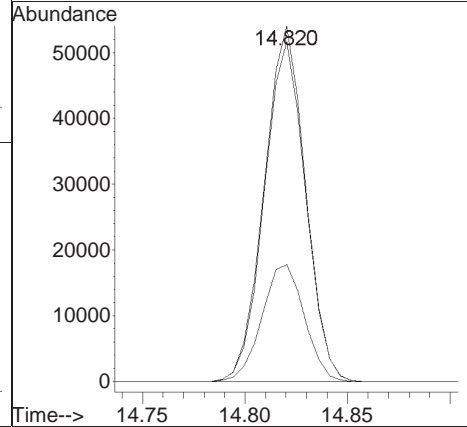
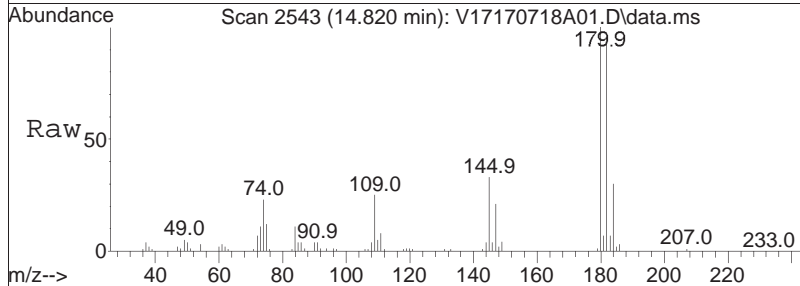
Tgt Ion:128 Resp: 138969





#111
 1,2,3-Trichlorobenzene
 Concen: 19.38 ug/L
 RT: 14.820 min Scan# 2543
 Delta R.T. -0.006 min
 Lab File: V17170718A01.D
 Acq: 18 Jul 2017 07:10

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	76.7	115.1
145	33.9	25.8	38.8



Manual Integration Report

Data Path : I:\VOLATILES\VOA117\2017\1QMethod : V117_170525_8260.m
Data File : V17170718A01.D Operator : VOA117:CBN
Date Inj'd : 7/18/2017 7:10 Instrument : VOA 117
Sample : WG1023786-3,31h,15,15,0.1 Quant Date : 7/18/2017 7:36 am

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA117\2017\170719A\
 Data File : V17170719A01.D
 Acq On : 19 Jul 2017 07:03
 Operator : VOA117:CBN
 Sample : WG1023786-8,31h,15,15,0.1
 Misc : WG1023786,ICAL13689
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 19 07:41:50 2017
 Quant Method : I:\VOLATILES\VOA117\2017\170719A\V117_170525_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 25 12:01:44 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA117\2017\170719A\V17170719A01.D
 Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Fluorobenzene	6.347	96	147983	20.000	ug/L	0.00
Standard Area 1 = 147983			Recovery =	100.00%		
59) Chlorobenzene-d5	9.913	117	113052	20.000	ug/L	0.00
Standard Area 1 = 113052			Recovery =	100.00%		
79) 1,4-Dichlorobenzene-d4	12.534	152	62353	20.000	ug/L	0.00
Standard Area 1 = 62353			Recovery =	100.00%		
System Monitoring Compounds						
36) Dibromofluoromethane	5.519	113	38263	19.376	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery =	96.88%		
43) 1,2-Dichloroethane-d4	6.059	65	35783	17.700	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery =	88.50%		
60) Toluene-d8	8.051	98	151258	20.670	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery =	103.35%		
83) 4-Bromofluorobenzene	11.349	95	57523	21.125	ug/L	-0.01
Spiked Amount 20.000	Range 70 - 130		Recovery =	105.62%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.781	85	66027	20.373	ug/L	97
3) Chloromethane	1.990	50	76951	19.499	ug/L	98
4) Vinyl chloride	2.064	62	63422	16.511	ug/L	100
5) Bromomethane	2.410	94	34157	13.827	ug/L	99
6) Chloroethane	2.541	64	30502	14.882	ug/L	99
7) Trichlorofluoromethane	2.688	101	81562	16.553	ug/L	99
8) Ethyl ether	3.007	74	21236	20.119	ug/L	89
10) 1,1-Dichloroethene	3.207	96	47652	20.537	ug/L	95
11) Carbon disulfide	3.233	76	151122	17.267	ug/L	100
15) Methylene chloride	3.783	84	50617	19.574	ug/L	82
17) Acetone	3.841	43	8116	18.460	ug/L	94
18) trans-1,2-Dichloroethene	3.941	96	50400	19.815	ug/L	98
20) Methyl tert-butyl ether	4.051	73	107710	18.735	ug/L	95
23) 1,1-Dichloroethane	4.544	63	101033	19.063	ug/L	99
25) Acrylonitrile	4.596	53	11577	19.553	ug/L #	90
27) Vinyl acetate	4.785	43	87549	17.882	ug/L #	96
28) cis-1,2-Dichloroethene	5.073	96	53008	19.486	ug/L	99
29) 2,2-Dichloropropane	5.183	77	78096	19.570	ug/L	86
30) Bromochloromethane	5.267	128	23129	19.296	ug/L	95
32) Chloroform	5.335	83	89189	18.669	ug/L	95

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA117\2017\170719A\
 Data File : V17170719A01.D
 Acq On : 19 Jul 2017 07:03
 Operator : VOA117:CBN
 Sample : WG1023786-8,31h,15,15,0.1
 Misc : WG1023786,ICAL13689
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 19 07:41:50 2017
 Quant Method : I:\VOLATILES\VOA117\2017\170719A\V117_170525_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 25 12:01:44 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA117\2017\170719A\V17170719A01.D
 Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Carbon tetrachloride	5.477	117	77228	20.146	ug/L	100
37) 1,1,1-Trichloroethane	5.550	97	84678	19.277	ug/L	98
39) 2-Butanone	5.650	43	12411	18.140	ug/L #	63
40) 1,1-Dichloropropene	5.671	75	67382	19.336	ug/L	98
41) Benzene	5.923	78	199501	19.062	ug/L	97
44) 1,2-Dichloroethane	6.127	62	58287	16.568	ug/L	99
48) Trichloroethene	6.520	95	58237	19.194	ug/L	97
50) Dibromomethane	6.966	93	25310	17.881	ug/L	98
51) 1,2-Dichloropropane	7.076	63	57626	18.836	ug/L	99
54) Bromodichloromethane	7.134	83	62752	18.015	ug/L	99
57) 1,4-Dioxane	7.359	88	14791	922.808	ug/L #	95
58) cis-1,3-Dichloropropene	7.836	75	73156	18.590	ug/L #	87
61) Toluene	8.109	92	122382	20.191	ug/L	98
62) 4-Methyl-2-pentanone	8.549	58	11539	19.078	ug/L	79
63) Tetrachloroethene	8.555	166	60848	21.524	ug/L	98
65) trans-1,3-Dichloropropene	8.586	75	60808	19.456	ug/L #	81
68) 1,1,2-Trichloroethane	8.780	83	31702	19.651	ug/L	98
69) Chlorodibromomethane	8.990	129	46683	19.597	ug/L	100
70) 1,3-Dichloropropane	9.110	76	53987	19.182	ug/L	99
71) 1,2-Dibromoethane	9.278	107	33782	19.381	ug/L	100
72) 2-Hexanone	9.561	43	18417	17.003	ug/L	93
73) Chlorobenzene	9.928	112	135976	19.665	ug/L	96
74) Ethylbenzene	9.965	91	237477	19.731	ug/L	99
75) 1,1,1,2-Tetrachloroethane	10.012	131	51131	20.250	ug/L	100
76) p/m Xylene	10.154	106	186630	40.334	ug/L	98
77) o Xylene	10.673	106	168282	38.343	ug/L	96
78) Styrene	10.736	104	278546	38.683	ug/L	96
80) Bromoform	10.757	173	29982	19.523	ug/L	99
82) Isopropylbenzene	11.040	105	238515	20.336	ug/L	99
84) Bromobenzene	11.465	156	59425	20.100	ug/L	99
85) n-Propylbenzene	11.501	91	293080	20.069	ug/L	97
87) 1,1,2,2-Tetrachloroethane	11.575	83	40656	19.038	ug/L	99
88) 4-Ethyltoluene	11.622	105	247509	21.119	ug/L	99
89) 2-Chlorotoluene	11.664	91	173168	20.127	ug/L	96
90) 1,3,5-Trimethylbenzene	11.716	105	215750	20.537	ug/L	98
91) 1,2,3-Trichloropropane	11.722	75	31427	18.371	ug/L	96
92) trans-1,4-Dichloro-2-b...	11.769	53	11948	17.750	ug/L #	83
93) 4-Chlorotoluene	11.847	91	176144	20.083	ug/L	96
94) tert-Butylbenzene	12.052	119	177636	20.455	ug/L	96

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA117\2017\170719A\
 Data File : V17170719A01.D
 Acq On : 19 Jul 2017 07:03
 Operator : VOA117:CBN
 Sample : WG1023786-8,31h,15,15,0.1
 Misc : WG1023786,ICAL13689
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 19 07:41:50 2017
 Quant Method : I:\VOLATILES\VOA117\2017\170719A\V117_170525_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 25 12:01:44 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA117\2017\170719A\V17170719A01.D
 Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97) 1,2,4-Trimethylbenzene	12.125	105	214663	20.730	ug/L	97
98) sec-Butylbenzene	12.235	105	270242	20.505	ug/L	99
99) p-Isopropyltoluene	12.387	119	230053	20.655	ug/L	99
100) 1,3-Dichlorobenzene	12.456	146	121599	20.148	ug/L	99
101) 1,4-Dichlorobenzene	12.545	146	118217	19.886	ug/L	99
102) p-Diethylbenzene	12.754	119	142953	20.896	ug/L	98
103) n-Butylbenzene	12.812	91	231450	20.104	ug/L	98
104) 1,2-Dichlorobenzene	12.964	146	105455	19.606	ug/L	98
105) 1,2,4,5-Tetramethylben...	13.536	119	217300	21.053	ug/L	98
106) 1,2-Dibromo-3-chloropr...	13.735	155	6009	19.445	ug/L	97
108) Hexachlorobutadiene	14.333	225	55431	22.095	ug/L	100
109) 1,2,4-Trichlorobenzene	14.359	180	82132	20.403	ug/L	99
110) Naphthalene	14.652	128	135313	19.228	ug/L	100
111) 1,2,3-Trichlorobenzene	14.820	180	73526	20.340	ug/L	99

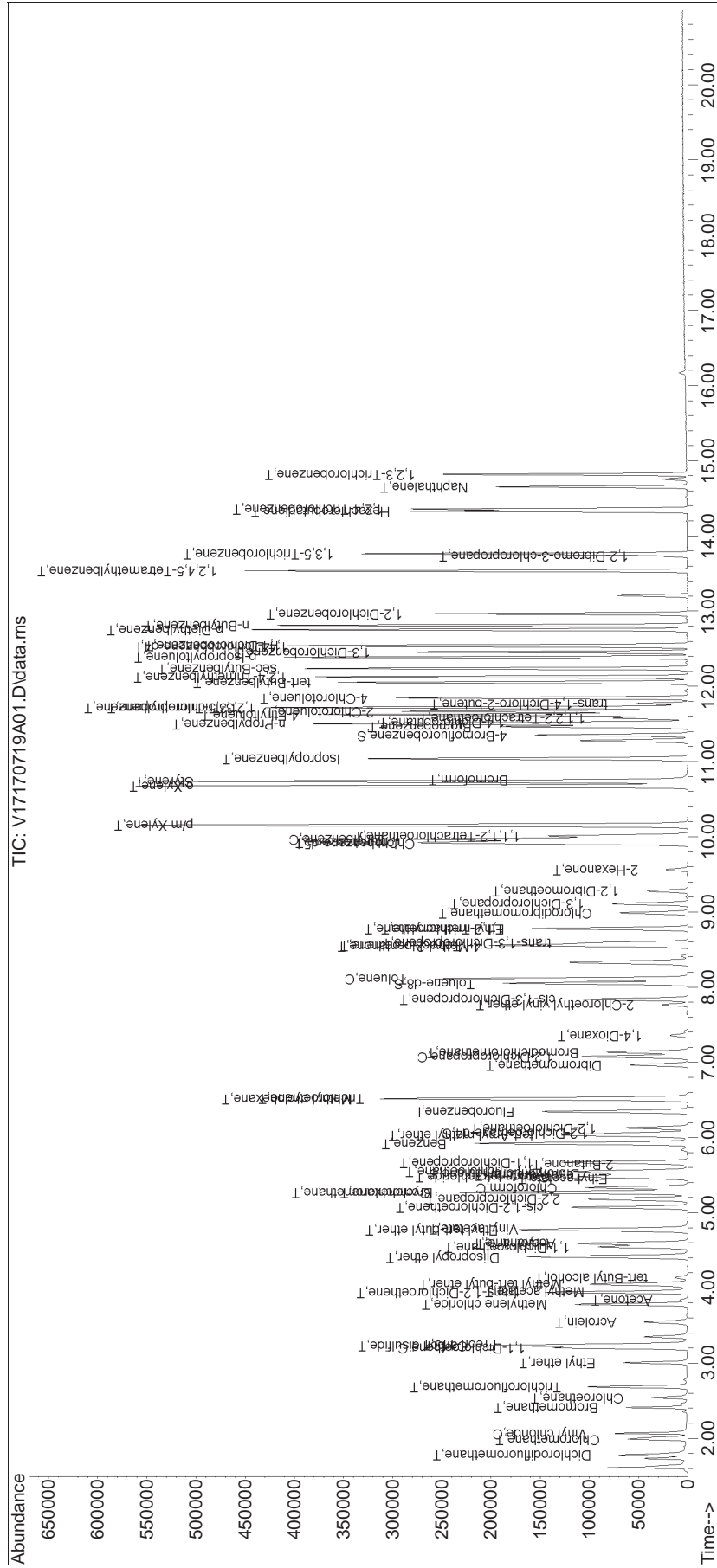
(#) = qualifier out of range (m) = manual integration (+) = signals summed

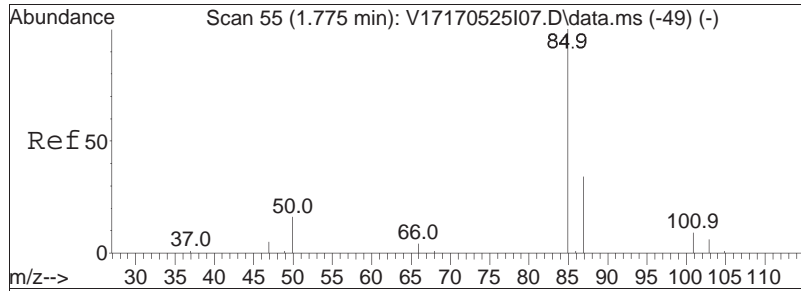
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA117\2017\170719A\
 Data File : V17170719A01.D
 Acq On : 19 Jul 2017 07:03
 Operator : VOA117:CBN
 Sample : WG1023786-8, 31h, 15, 15, 0.1
 Misc : WG1023786, ICA113689
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 19 07:41:50 2017
 Quant Method : I:\VOLATILES\VOA117\2017\170719A\170719A_V17170719A_170525_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 25 12:01:44 2017
 Response via : Initial Calibration

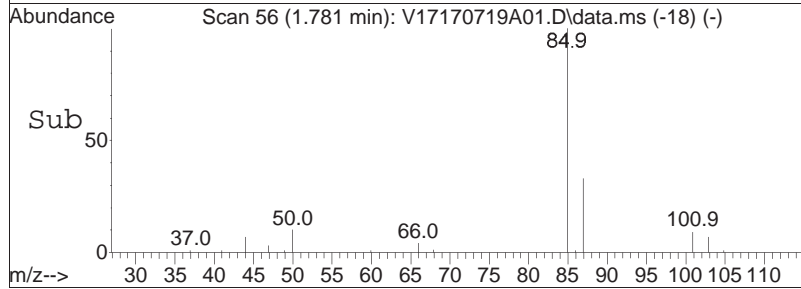
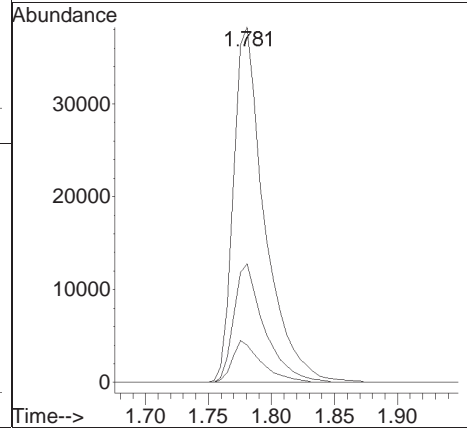
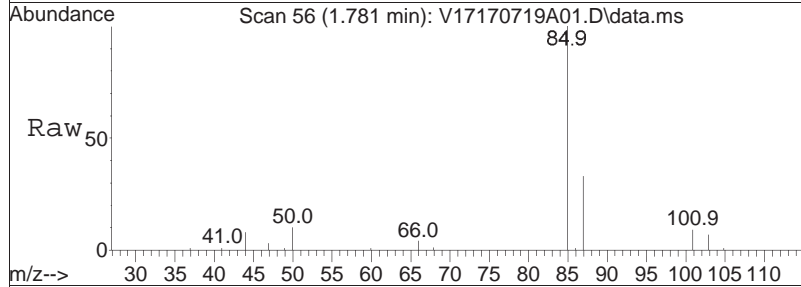
Sub List : 8260-CurveSoil - Megamix plus Diox9A\V17170719A01.D•

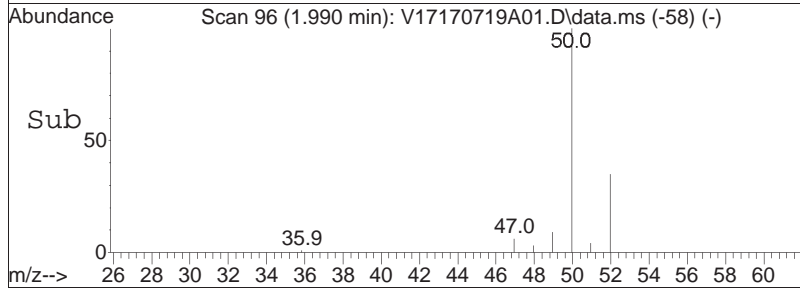
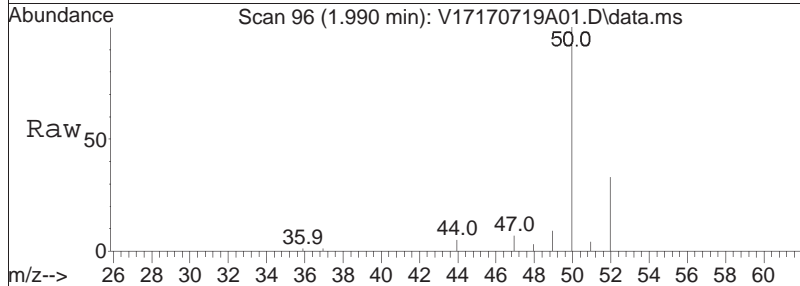
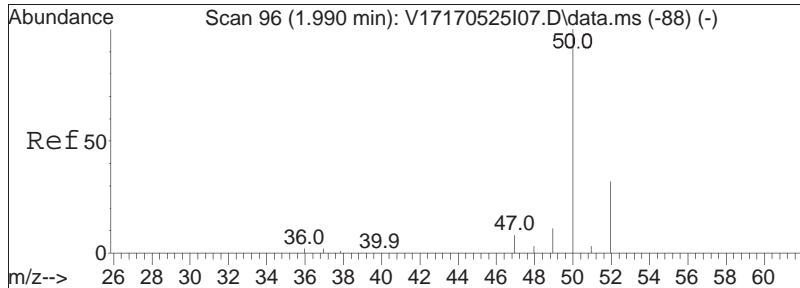




#2
 Dichlorodifluoromethane
 Concen: 20.37 ug/L
 RT: 1.781 min Scan# 56
 Delta R.T. -0.000 min
 Lab File: V17170719A01.D
 Acq: 19 Jul 2017 07:03

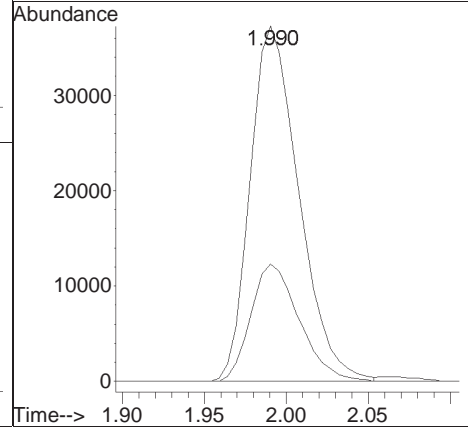
Tgt Ion	Ratio	Resp	Lower	Upper
85	100	66027		
87	32.6	20.9	43.5	
50	11.0	9.2	19.0	

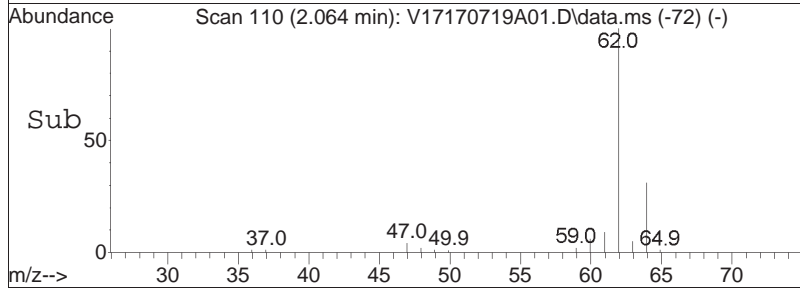
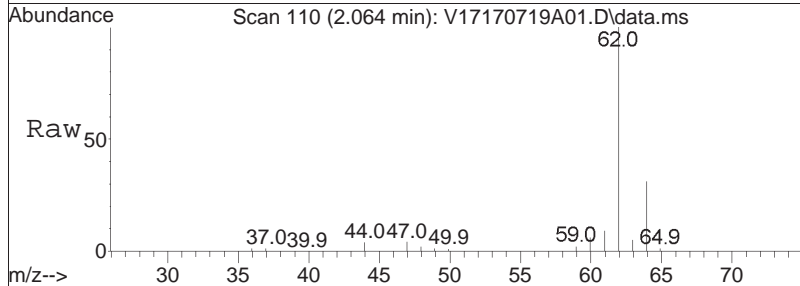
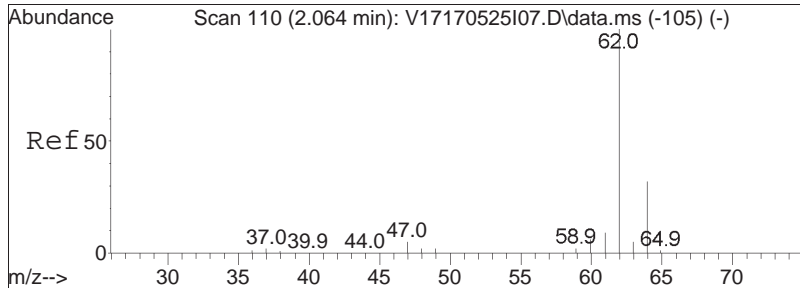




#3
 Chloromethane
 Concen: 19.50 ug/L
 RT: 1.990 min Scan# 96
 Delta R.T. -0.000 min
 Lab File: V17170719A01.D
 Acq: 19 Jul 2017 07:03

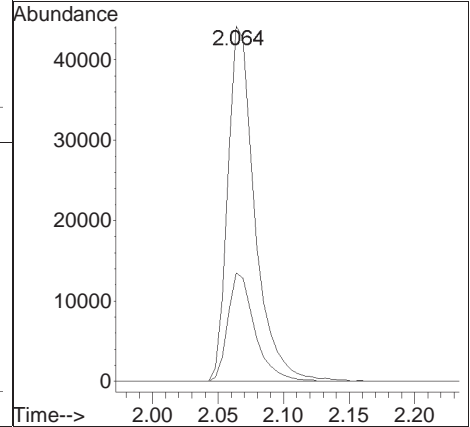
Tgt Ion	Resp	Lower	Upper
50	76951		
52	32.8	11.9	51.9

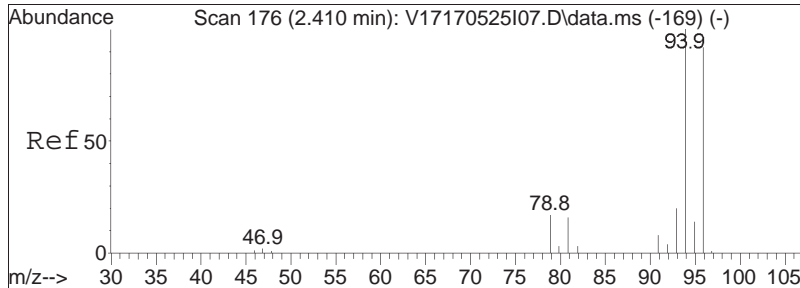




#4
 Vinyl chloride
 Concen: 16.51 ug/L
 RT: 2.064 min Scan# 110
 Delta R.T. -0.000 min
 Lab File: V17170719A01.D
 Acq: 19 Jul 2017 07:03

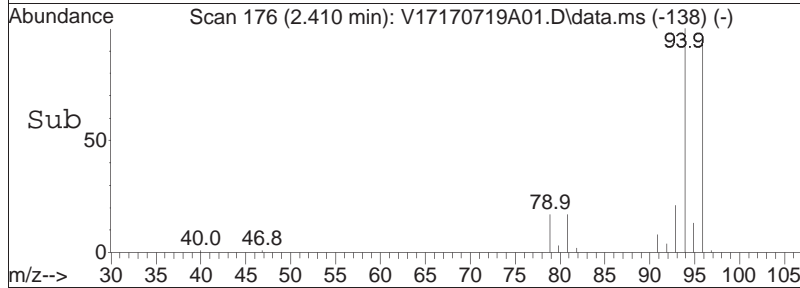
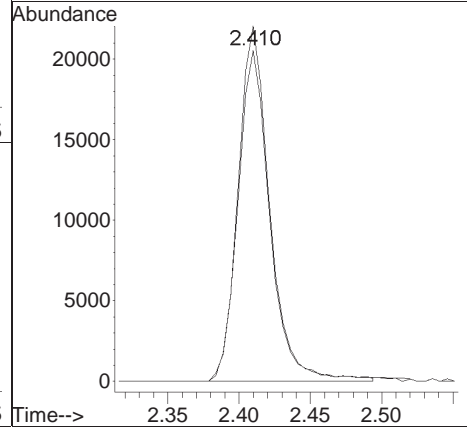
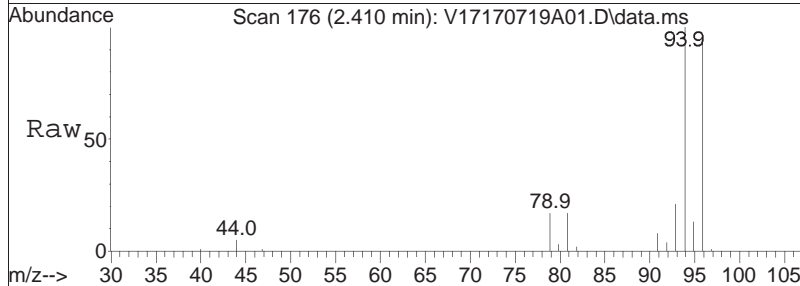
Tgt Ion:	Resp:		
Ion	Ratio	Lower	Upper
62	100		
64	30.4	10.2	50.2

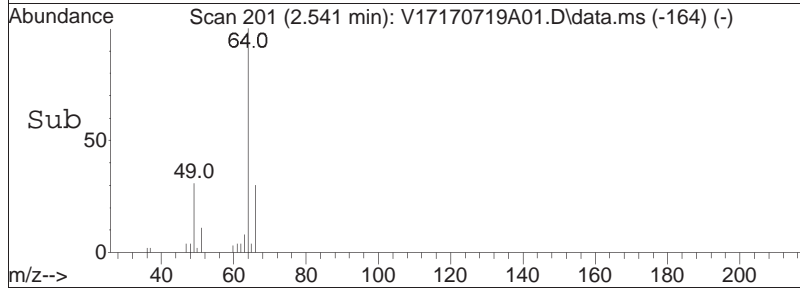
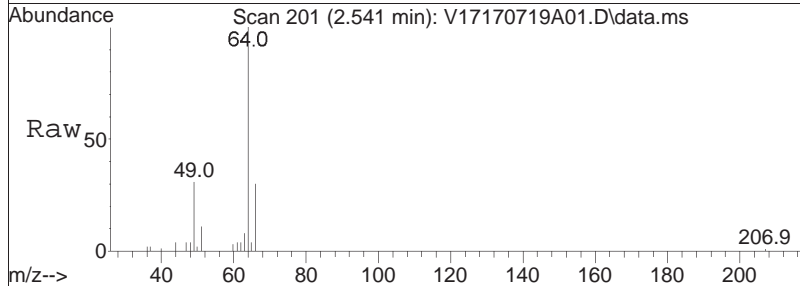
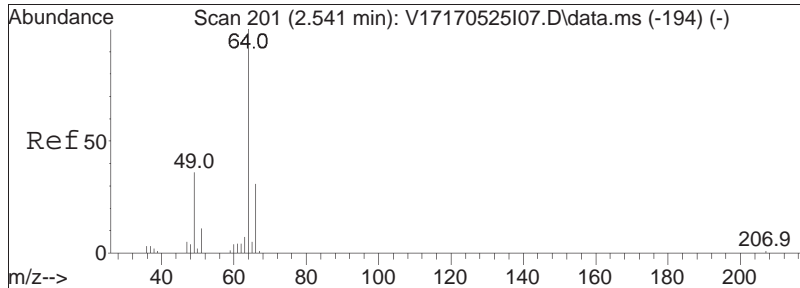




#5
 Bromomethane
 Concen: 13.83 ug/L
 RT: 2.410 min Scan# 176
 Delta R.T. -0.000 min
 Lab File: V17170719A01.D
 Acq: 19 Jul 2017 07:03

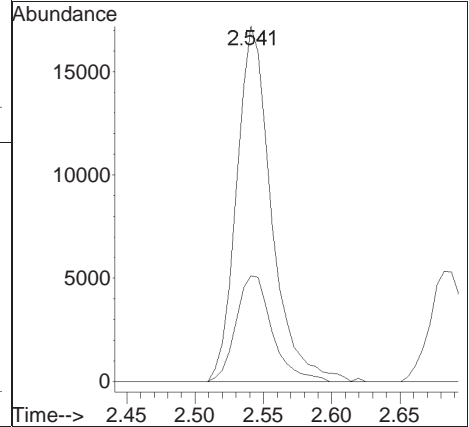
Tgt Ion: 94 Resp: 34157
 Ion Ratio Lower Upper
 94 100
 96 95.2 74.6 114.6

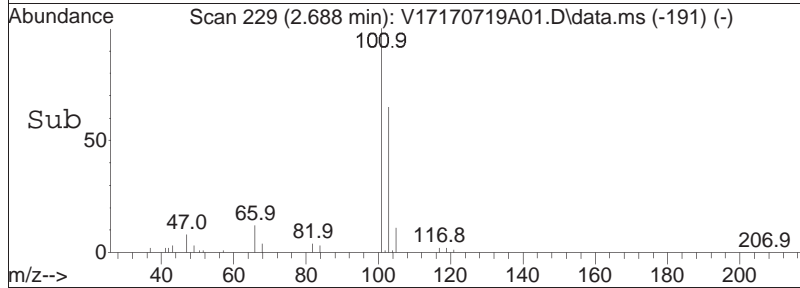
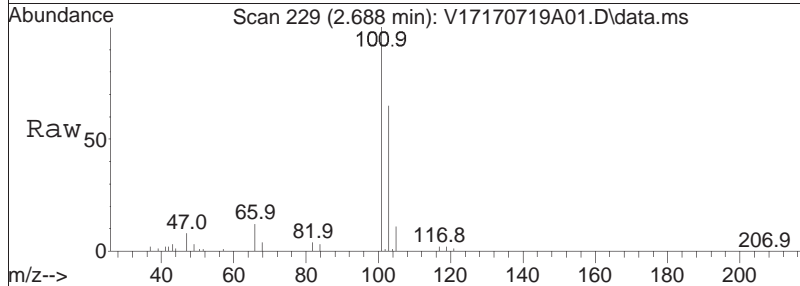
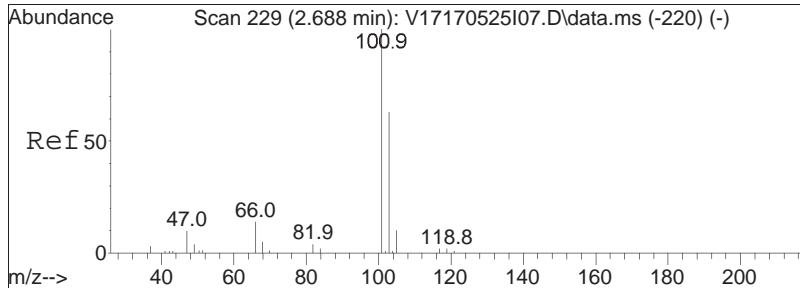




#6
 Chloroethane
 Concen: 14.88 ug/L
 RT: 2.541 min Scan# 201
 Delta R.T. -0.005 min
 Lab File: V17170719A01.D
 Acq: 19 Jul 2017 07:03

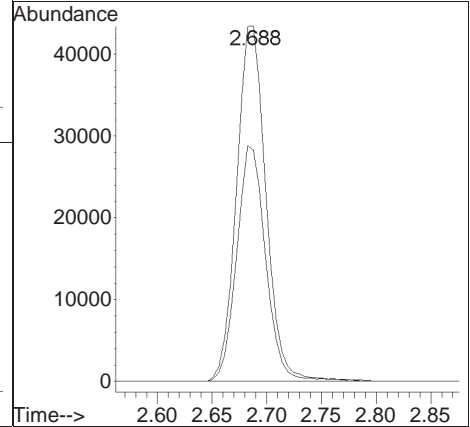
Tgt Ion	Resp	Lower	Upper
64	30502		
66	30.8	11.2	51.2

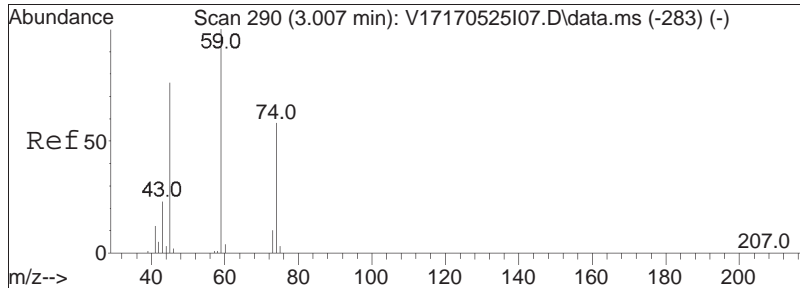




#7
 Trichlorofluoromethane
 Concen: 16.55 ug/L
 RT: 2.688 min Scan# 229
 Delta R.T. -0.000 min
 Lab File: V17170719A01.D
 Acq: 19 Jul 2017 07:03

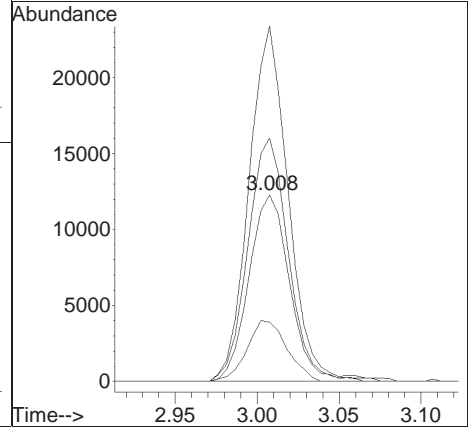
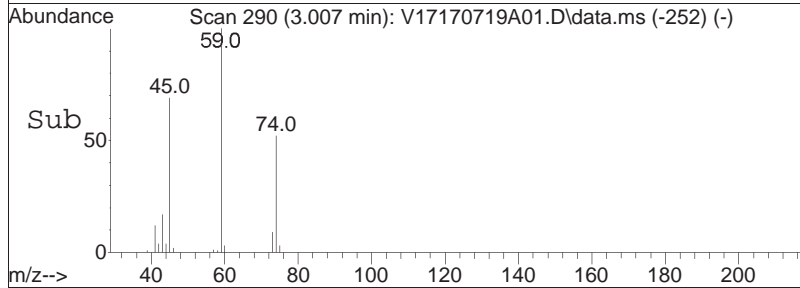
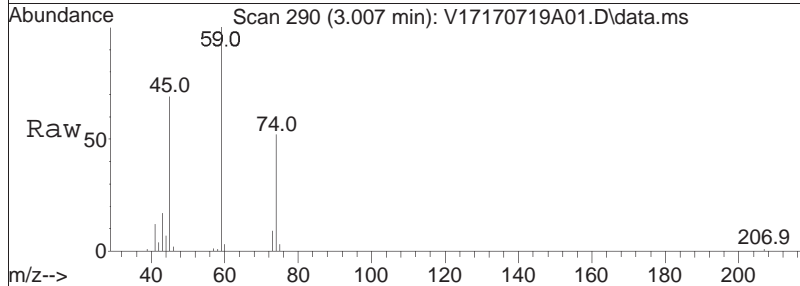
Tgt Ion	Resp	Lower	Upper
101	81562		
101	100		
103	65.2	52.6	78.8

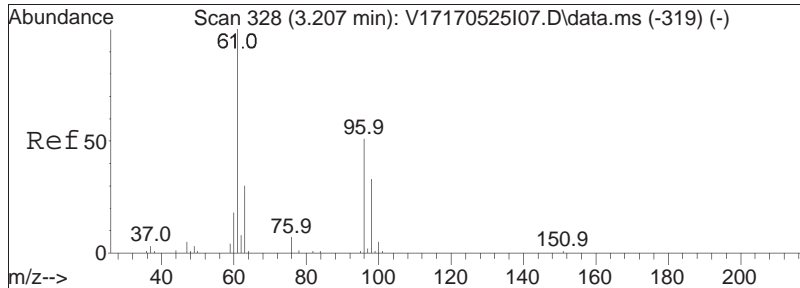




#8
 Ethyl ether
 Concen: 20.12 ug/L
 RT: 3.007 min Scan# 290
 Delta R.T. -0.000 min
 Lab File: V17170719A01.D
 Acq: 19 Jul 2017 07:03

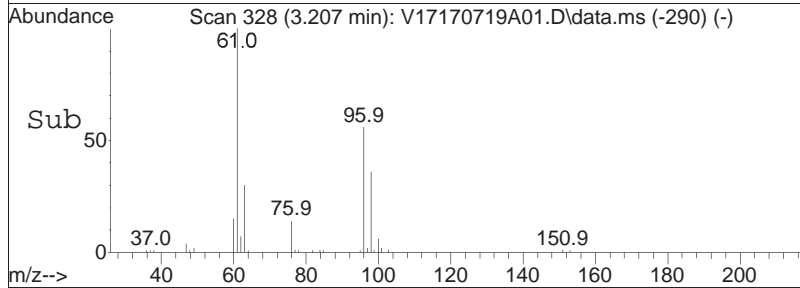
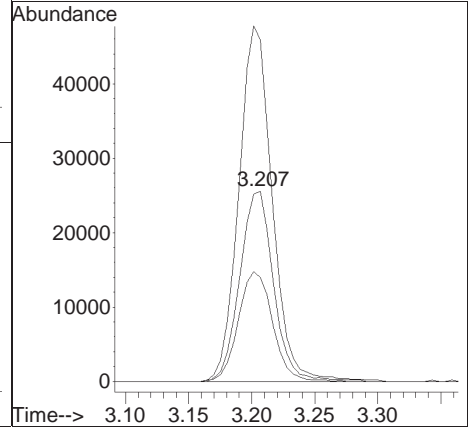
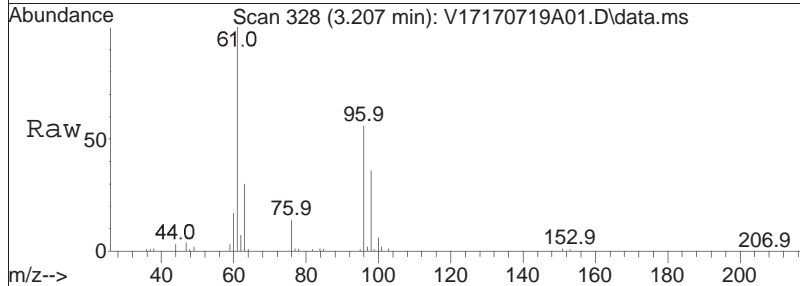
Tgt Ion	Resp	Lower	Upper
74	100		
59	184.2	122.6	254.6
45	129.9	102.1	212.1
43	32.1	24.8	51.6

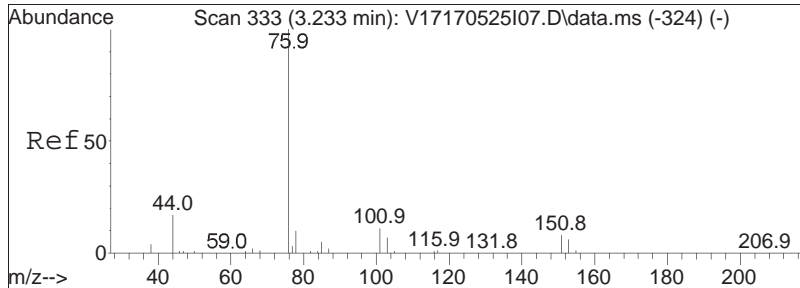




#10
 1,1-Dichloroethene
 Concen: 20.54 ug/L
 RT: 3.207 min Scan# 328
 Delta R.T. -0.000 min
 Lab File: V17170719A01.D
 Acq: 19 Jul 2017 07:03

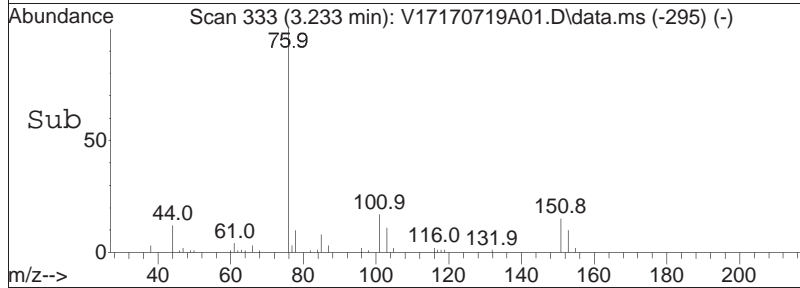
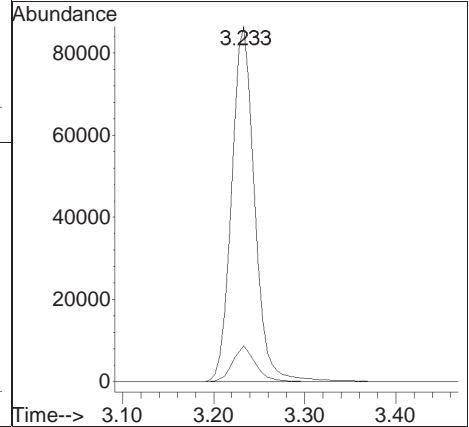
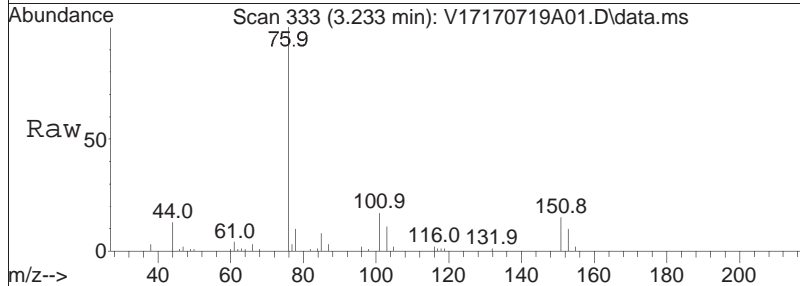
Tgt Ion	Resp	Lower	Upper
96	47652		
96	100		
61	184.3	153.9	230.9
63	58.5	48.2	72.2

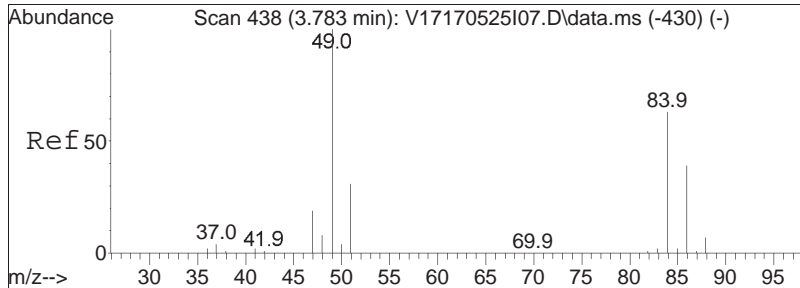




#11
 Carbon disulfide
 Concen: 17.27 ug/L
 RT: 3.233 min Scan# 333
 Delta R.T. -0.000 min
 Lab File: V17170719A01.D
 Acq: 19 Jul 2017 07:03

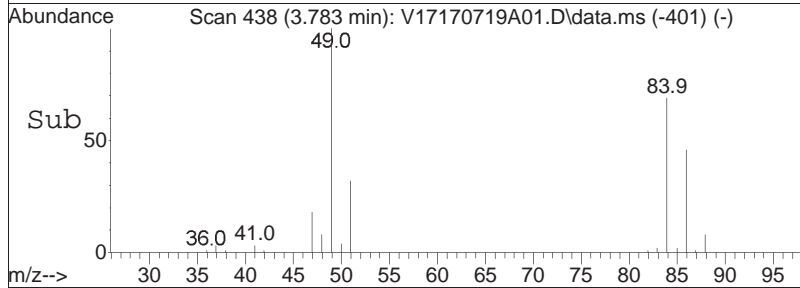
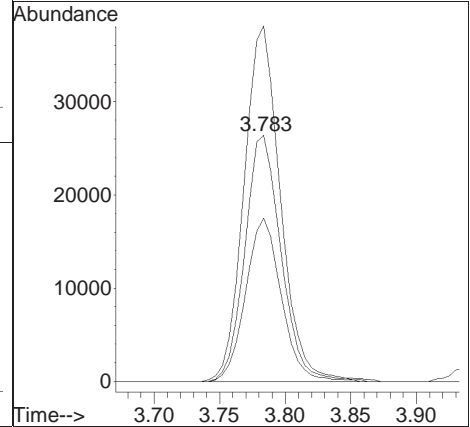
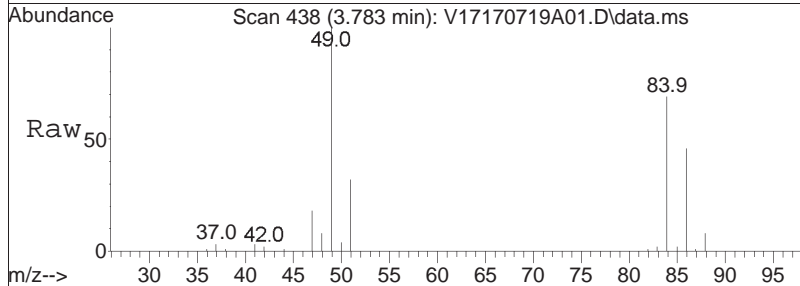
Tgt Ion	Resp	Lower	Upper
76	151122		
76	100		
78	9.8	6.4	13.4

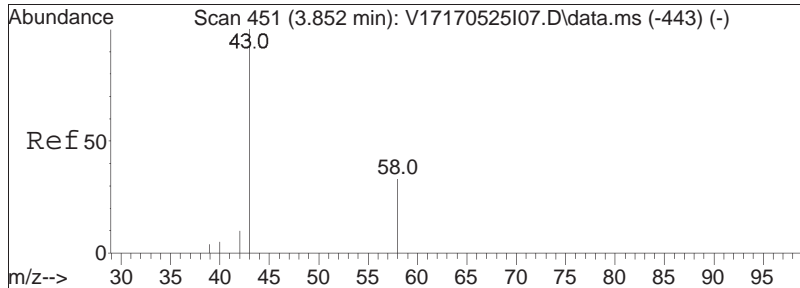




#15
 Methylene chloride
 Concen: 19.57 ug/L
 RT: 3.783 min Scan# 438
 Delta R.T. -0.006 min
 Lab File: V17170719A01.D
 Acq: 19 Jul 2017 07:03

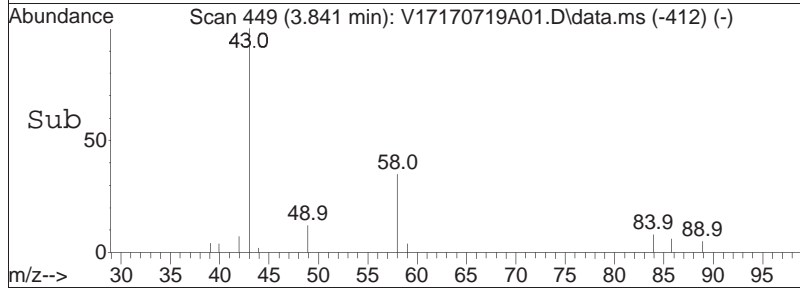
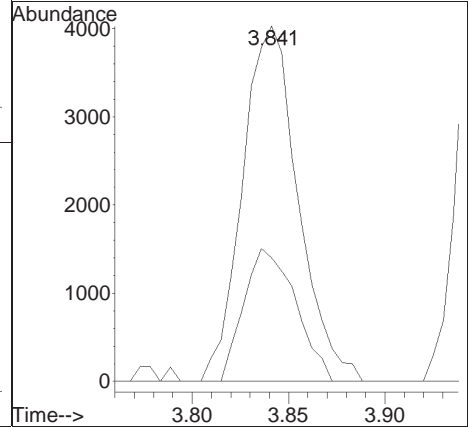
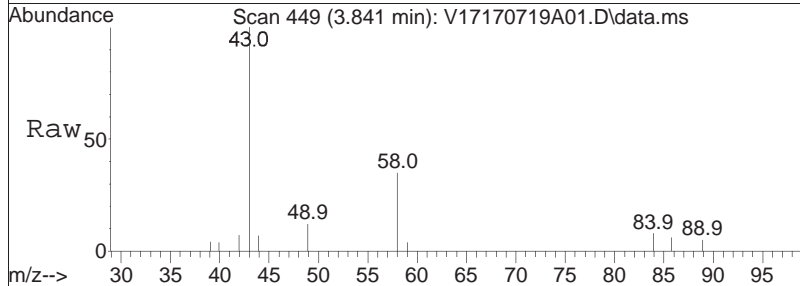
Tgt Ion:	84	Resp:	50617
Ion Ratio	Lower	Upper	
84	100		
86	65.4	42.4	88.2
49	145.6	117.3	243.5

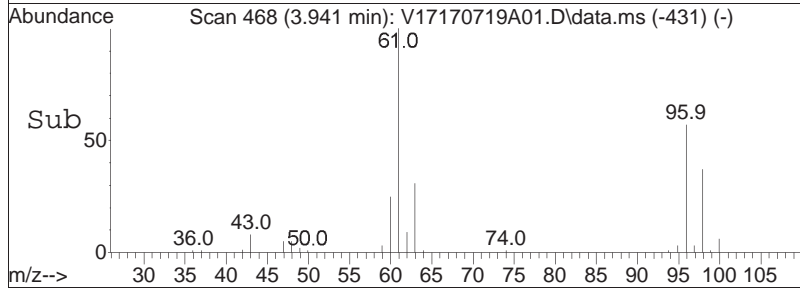
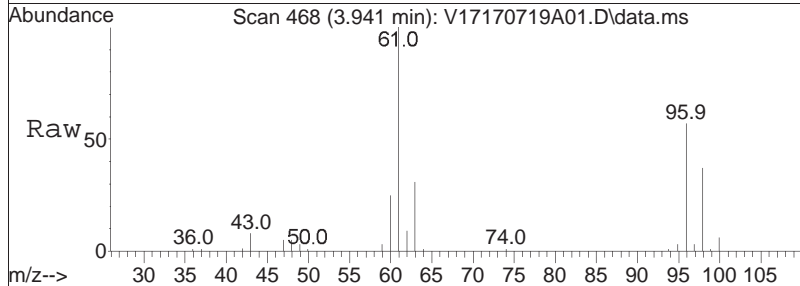
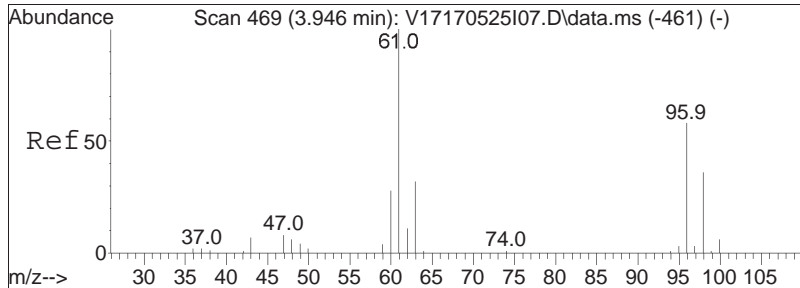




#17
 Acetone
 Concen: 18.46 ug/L
 RT: 3.841 min Scan# 449
 Delta R.T. -0.006 min
 Lab File: V17170719A01.D
 Acq: 19 Jul 2017 07:03

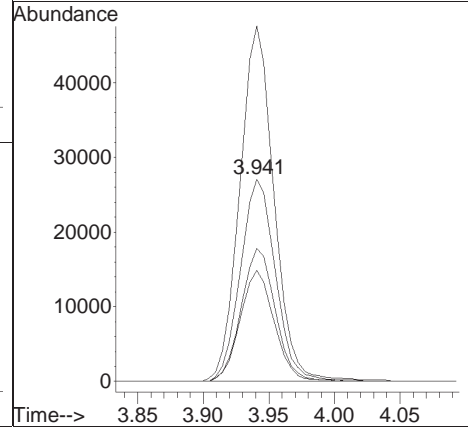
Tgt Ion: 43 Resp: 8116
 Ion Ratio Lower Upper
 43 100
 58 34.7 25.1 37.7

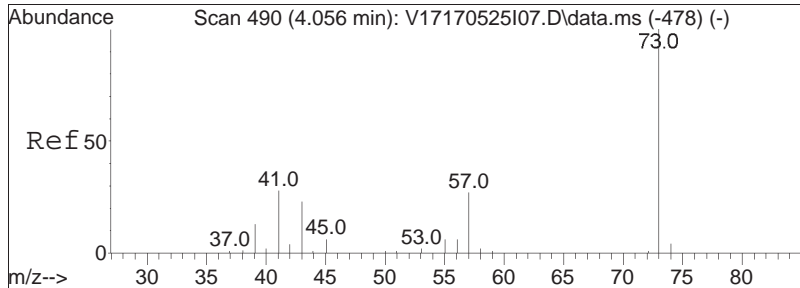




#18
 trans-1,2-Dichloroethene
 Concen: 19.81 ug/L
 RT: 3.941 min Scan# 468
 Delta R.T. -0.005 min
 Lab File: V17170719A01.D
 Acq: 19 Jul 2017 07:03

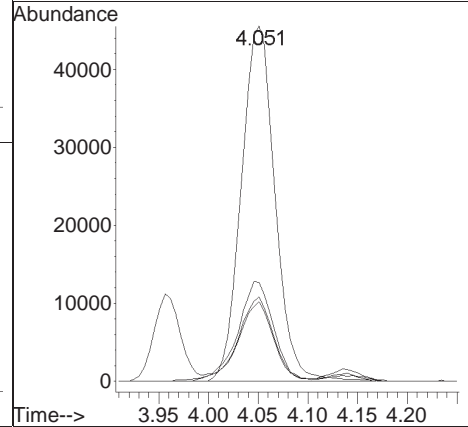
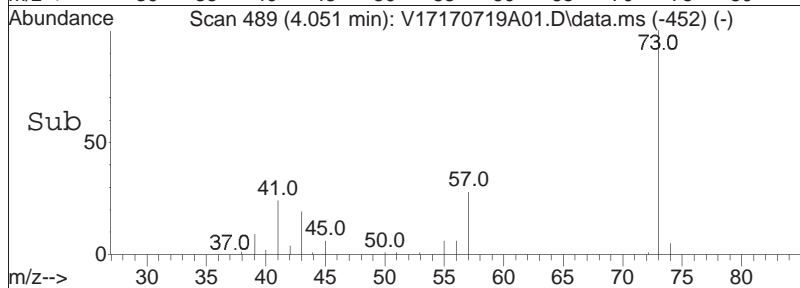
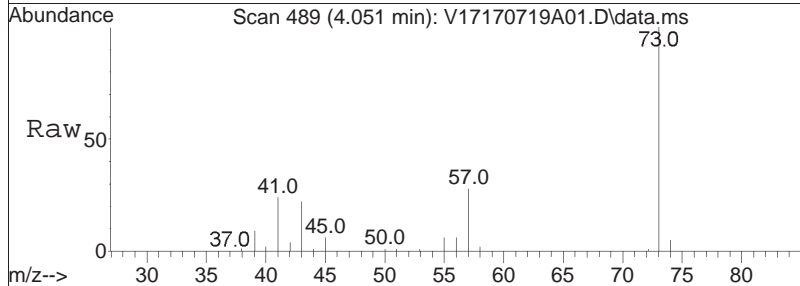
Tgt Ion	Resp	Lower	Upper
96	50400		
96	100		
61	171.5	113.8	236.4
98	64.1	41.3	85.7
63	53.5	35.8	74.4

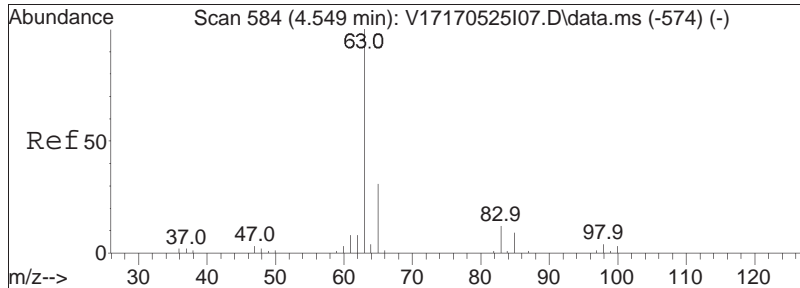




#20
 Methyl tert-butyl ether
 Concen: 18.74 ug/L
 RT: 4.051 min Scan# 489
 Delta R.T. -0.005 min
 Lab File: V17170719A01.D
 Acq: 19 Jul 2017 07:03

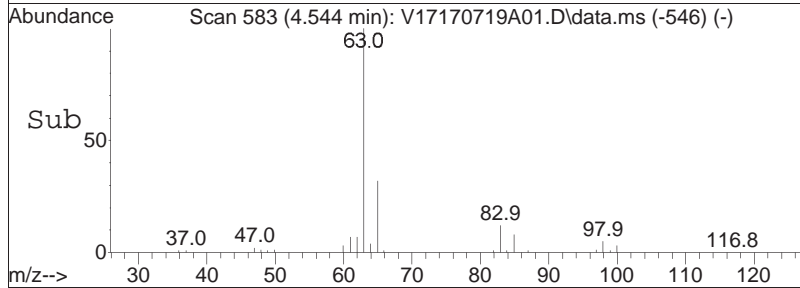
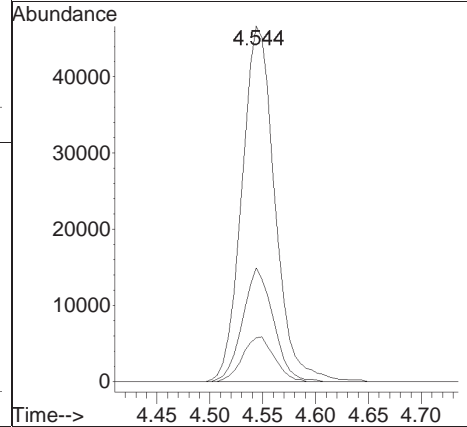
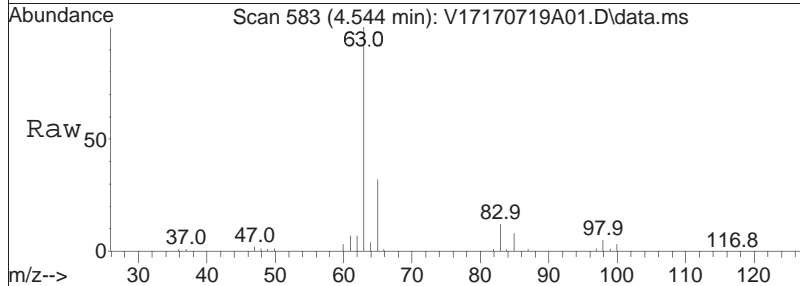
Tgt Ion:	73	Resp:	107710
Ion Ratio	Lower	Upper	
73	100		
57	29.9	18.7	38.9
43	23.2	18.1	37.7
41	25.4	17.9	37.3

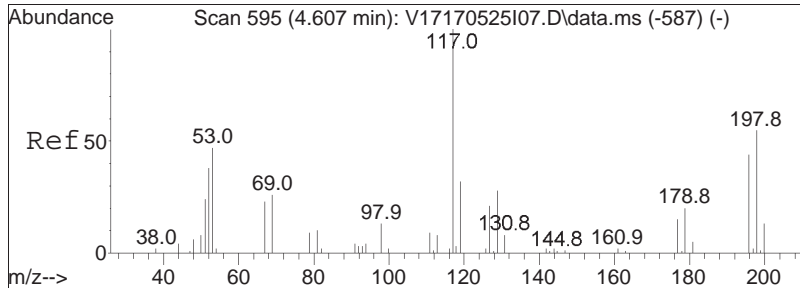




#23
 1,1-Dichloroethane
 Concen: 19.06 ug/L
 RT: 4.544 min Scan# 583
 Delta R.T. -0.005 min
 Lab File: V17170719A01.D
 Acq: 19 Jul 2017 07:03

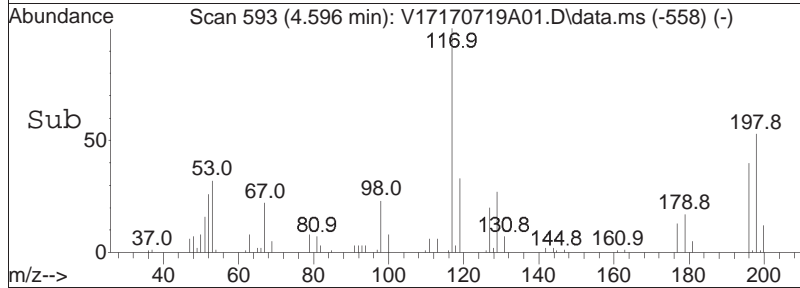
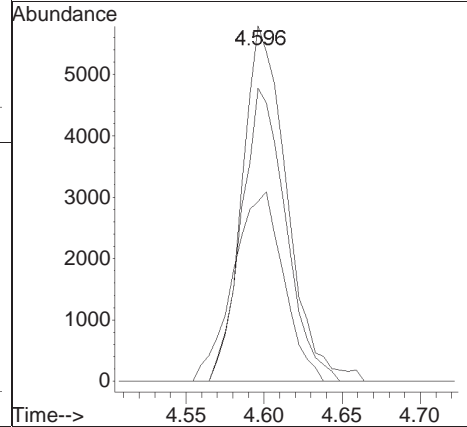
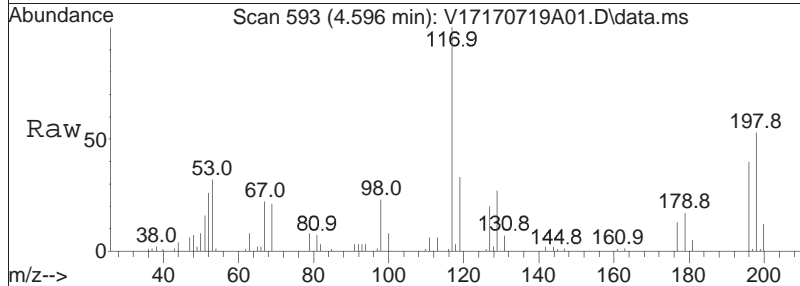
Tgt Ion:	Resp:	Lower	Upper
63	101033		
65	29.7	10.2	50.2
83	12.1	0.0	32.4

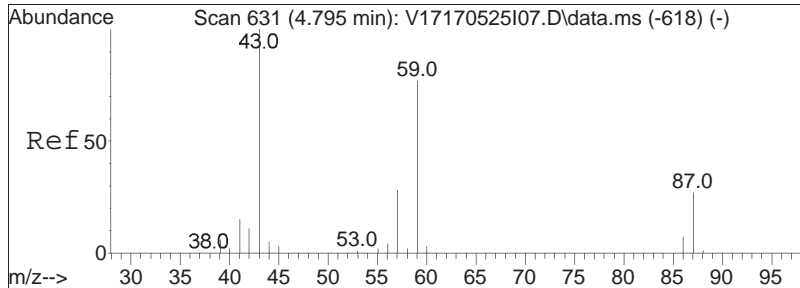




#25
 Acrylonitrile
 Concen: 19.55 ug/L
 RT: 4.596 min Scan# 593
 Delta R.T. -0.016 min
 Lab File: V17170719A01.D
 Acq: 19 Jul 2017 07:03

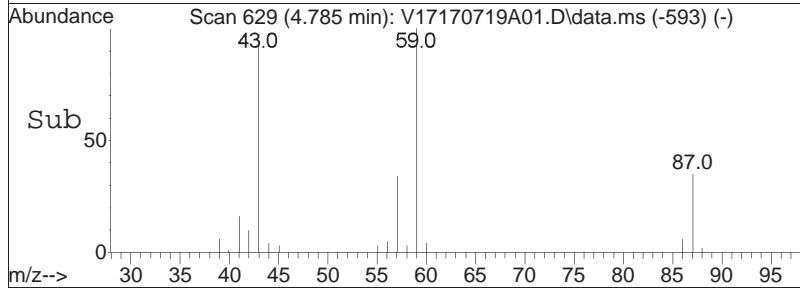
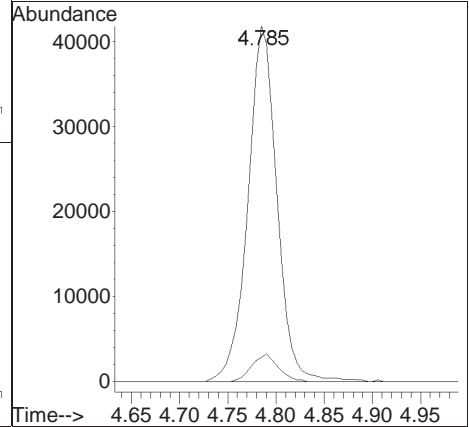
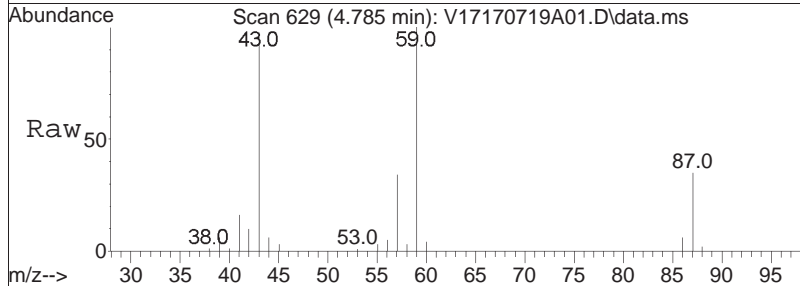
Tgt Ion:	53	Resp:	11577
Ion Ratio	Lower	Upper	
53	100		
52	81.4	68.6	103.0
51	59.9	38.2	57.4#

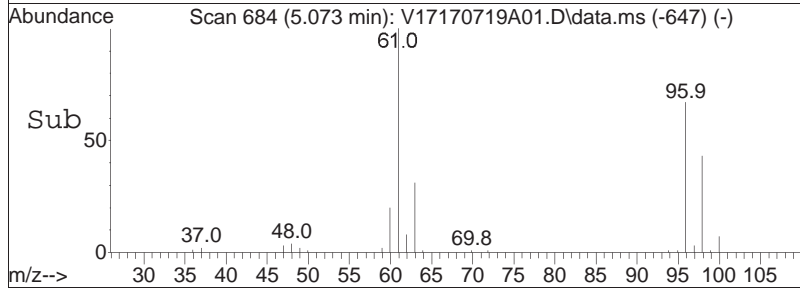
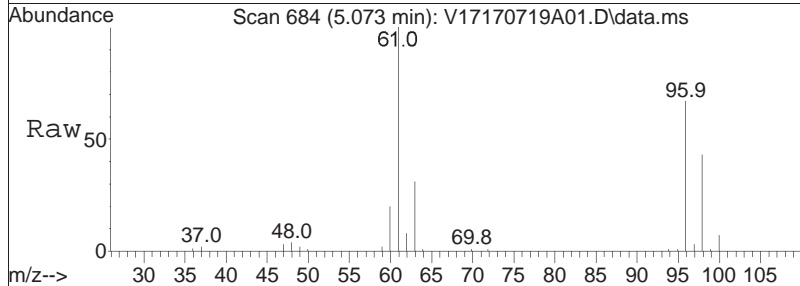
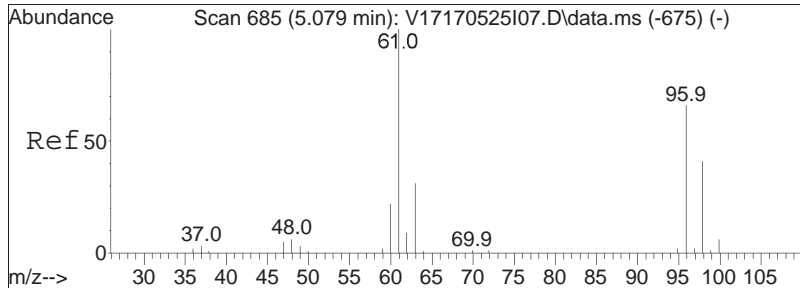




#27
 Vinyl acetate
 Concen: 17.88 ug/L
 RT: 4.785 min Scan# 629
 Delta R.T. -0.011 min
 Lab File: V17170719A01.D
 Acq: 19 Jul 2017 07:03

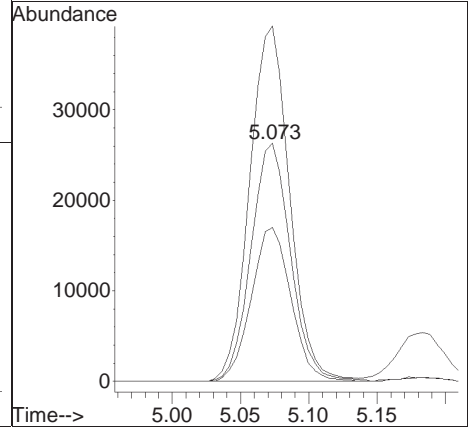
Tgt Ion:	43	Resp:	87549
Ion Ratio	100	Lower	Upper
	86	6.9	4.6 6.8#

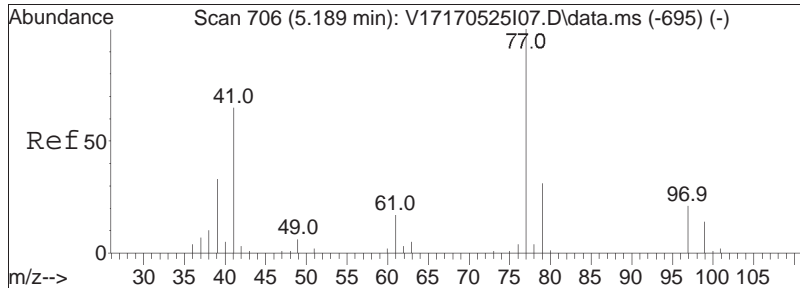




#28
 cis-1,2-Dichloroethene
 Concen: 19.49 ug/L
 RT: 5.073 min Scan# 684
 Delta R.T. -0.006 min
 Lab File: V17170719A01.D
 Acq: 19 Jul 2017 07:03

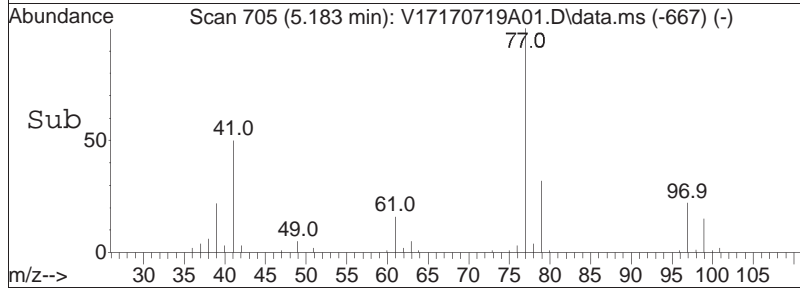
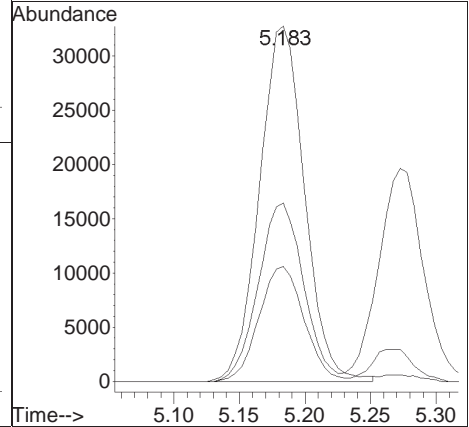
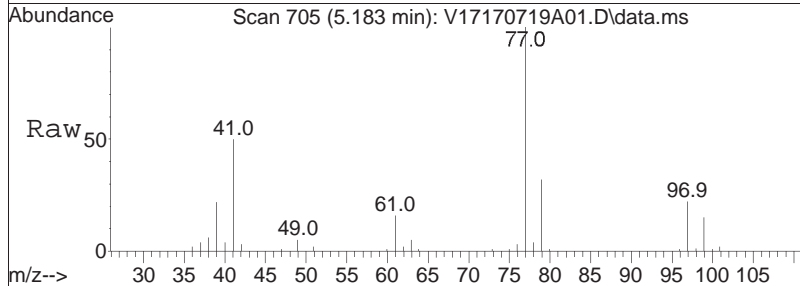
Tgt Ion:	Resp:		
Ion Ratio	Lower	Upper	
96	100		
61	150.4	119.3	178.9
98	64.9	52.0	78.0

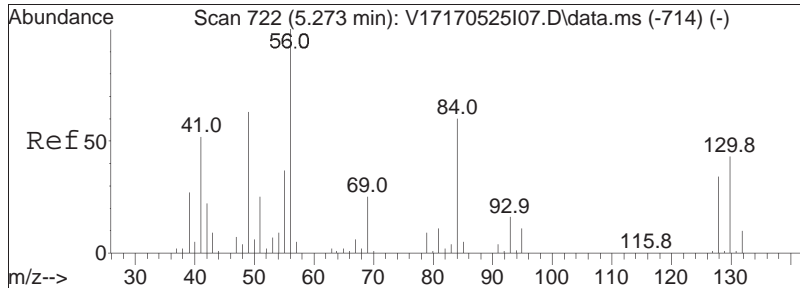




#29
 2,2-Dichloropropane
 Concen: 19.57 ug/L
 RT: 5.183 min Scan# 705
 Delta R.T. -0.001 min
 Lab File: V17170719A01.D
 Acq: 19 Jul 2017 07:03

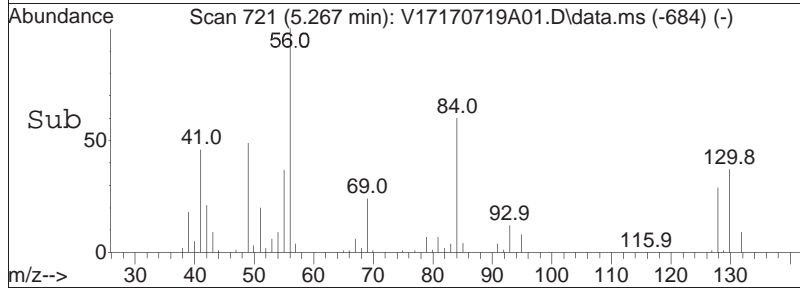
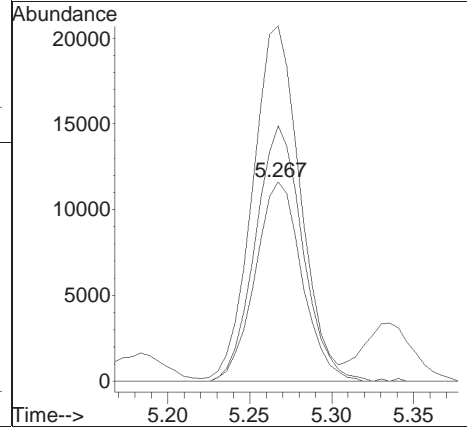
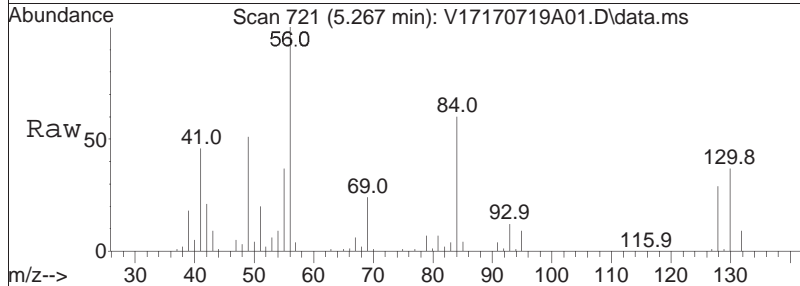
Tgt Ion	Resp	Lower	Upper
77	100		
41	50.4	43.4	90.0
79	32.4	20.9	43.3

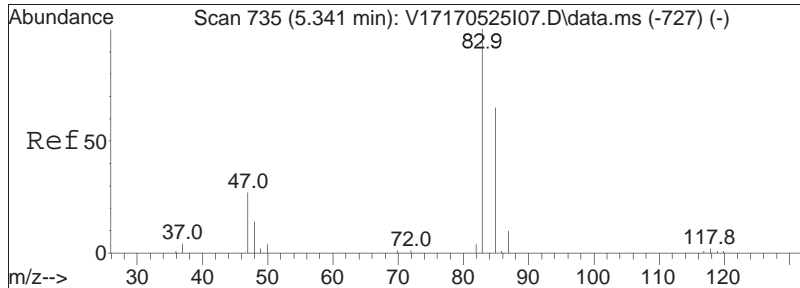




#30
 Bromochloromethane
 Concen: 19.30 ug/L
 RT: 5.267 min Scan# 721
 Delta R.T. -0.006 min
 Lab File: V17170719A01.D
 Acq: 19 Jul 2017 07:03

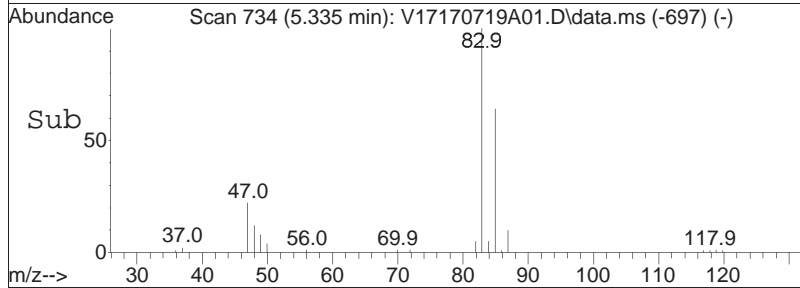
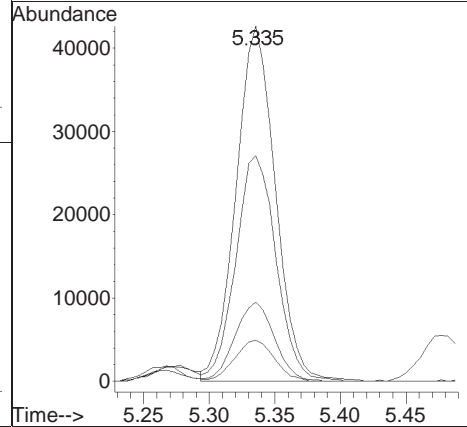
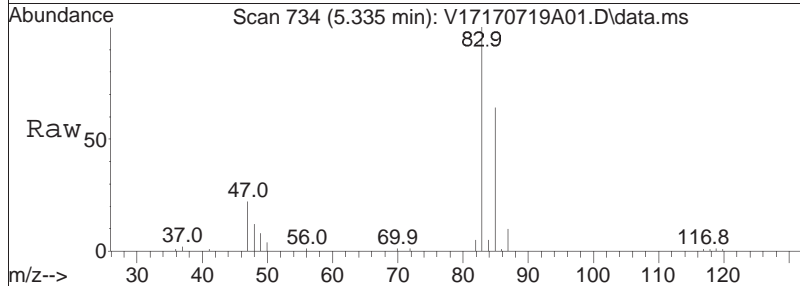
Tgt Ion	Resp	Lower	Upper
128	23129		
128	100		
49	180.7	153.4	230.0
130	129.1	103.9	155.9

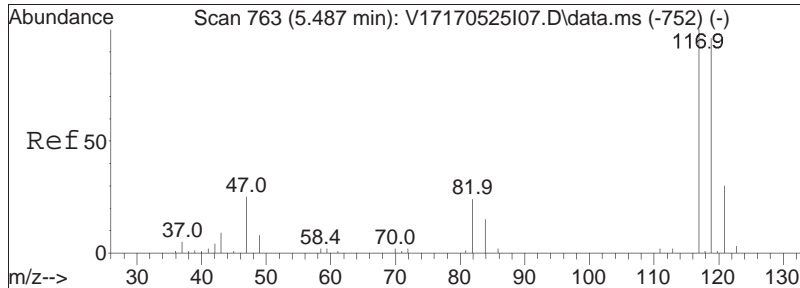




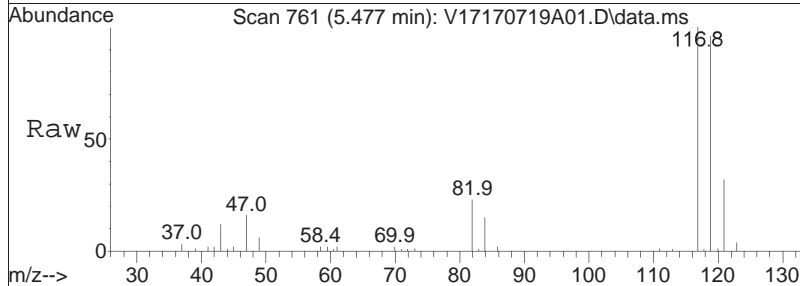
#32
 Chloroform
 Concen: 18.67 ug/L
 RT: 5.335 min Scan# 734
 Delta R.T. -0.006 min
 Lab File: V17170719A01.D
 Acq: 19 Jul 2017 07:03

Tgt Ion	Resp	Lower	Upper
83	89189		
85	65.2	41.3	85.7
47	22.4	17.9	37.3
48	11.7	9.3	19.3

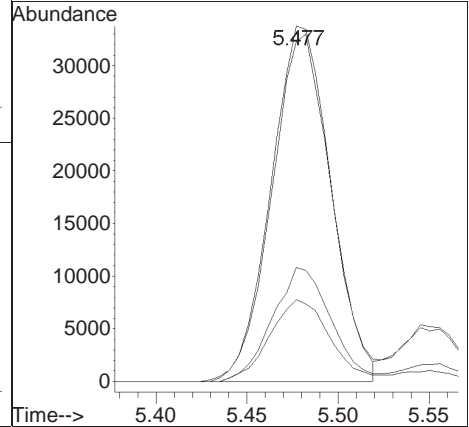
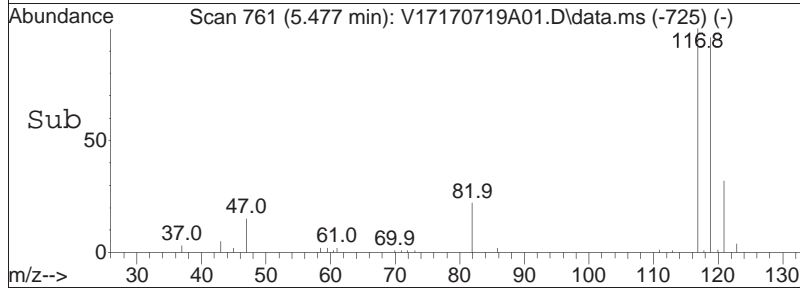


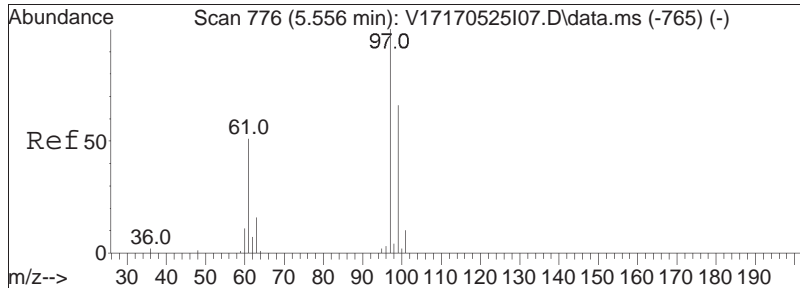


#34
 Carbon tetrachloride
 Concen: 20.15 ug/L
 RT: 5.477 min Scan# 761
 Delta R.T. -0.011 min
 Lab File: V17170719A01.D
 Acq: 19 Jul 2017 07:03



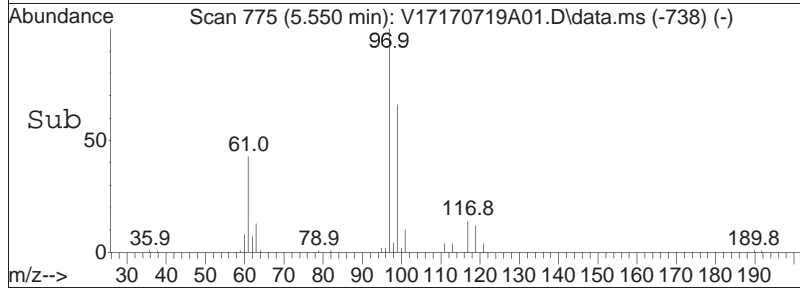
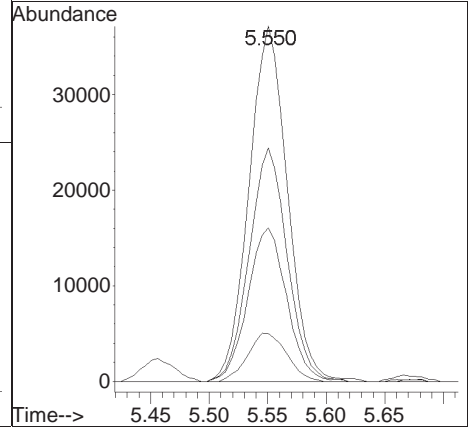
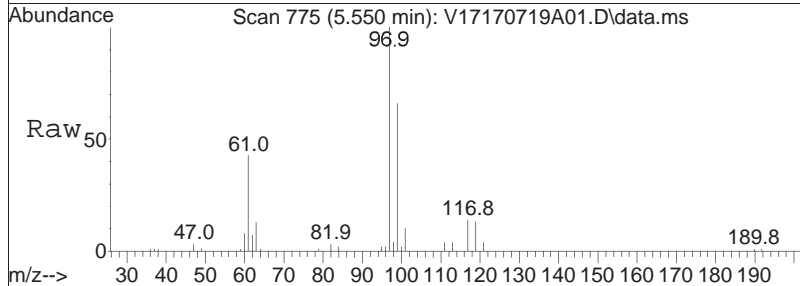
Tgt Ion	Resp	Lower	Upper
117	100		
119	97.5	63.2	131.2
121	31.4	20.8	43.2
82	23.5	15.1	31.5

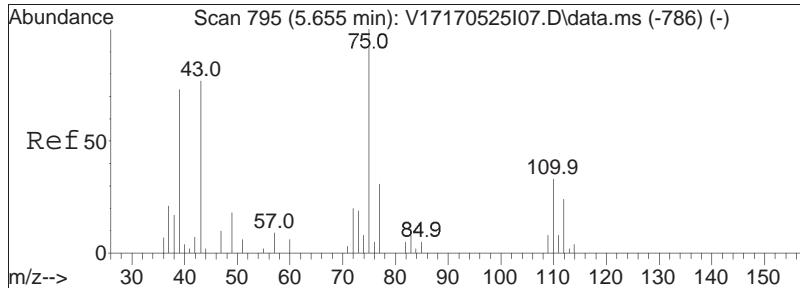




#37
 1,1,1-Trichloroethane
 Concen: 19.28 ug/L
 RT: 5.550 min Scan# 775
 Delta R.T. -0.006 min
 Lab File: V17170719A01.D
 Acq: 19 Jul 2017 07:03

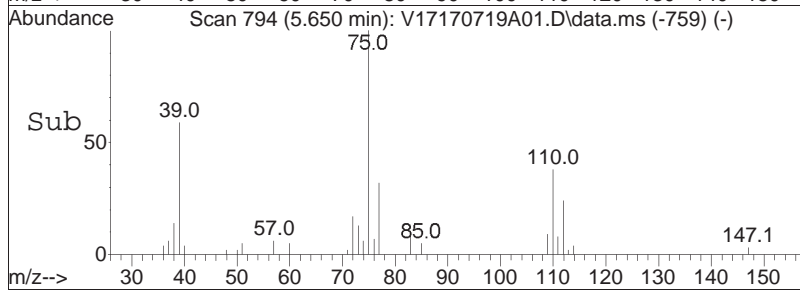
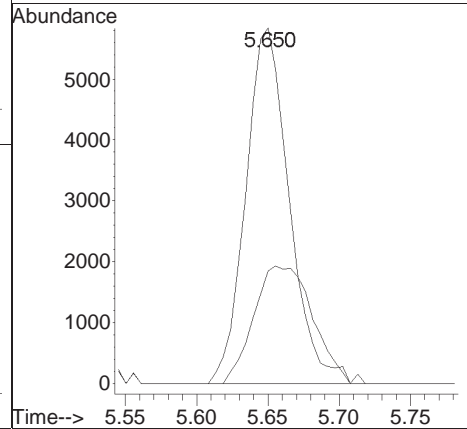
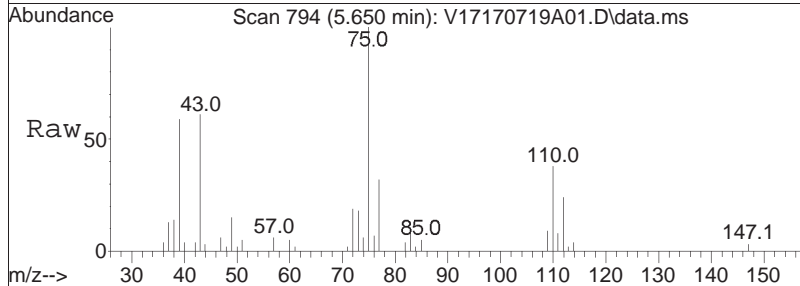
Tgt Ion	Resp	Lower	Upper
97	100		
99	65.2	42.0	87.2
61	43.9	29.7	61.7
63	13.8	9.4	19.4

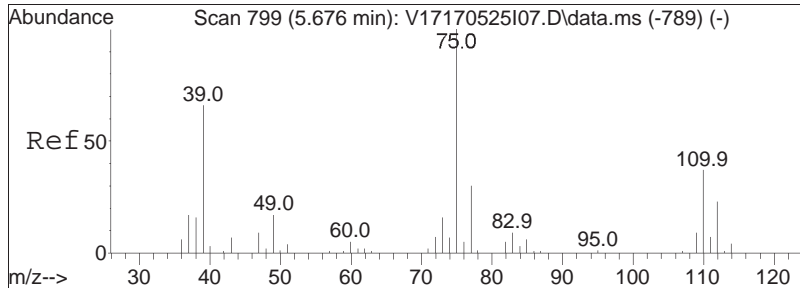




#39
 2-Butanone
 Concen: 18.14 ug/L
 RT: 5.650 min Scan# 794
 Delta R.T. -0.016 min
 Lab File: V17170719A01.D
 Acq: 19 Jul 2017 07:03

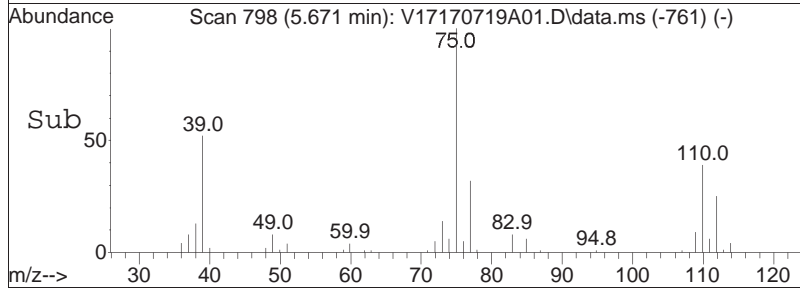
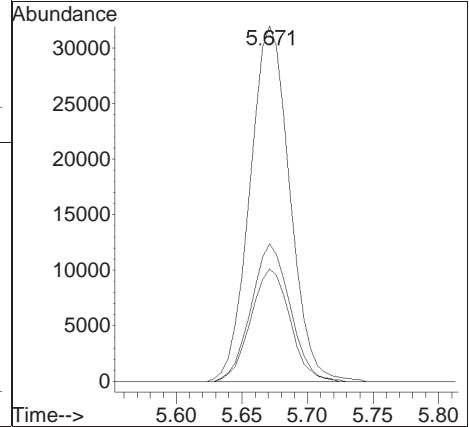
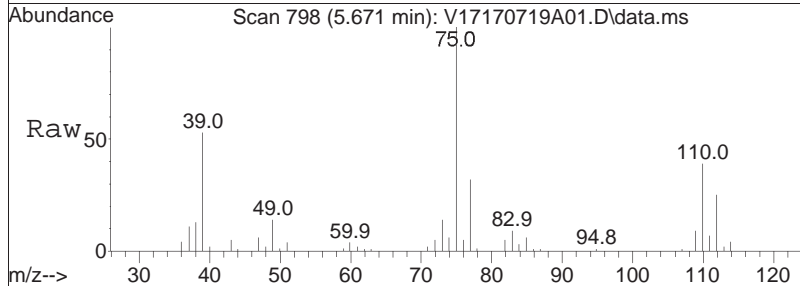
Tgt Ion:	43	Resp:	12411
Ion Ratio	Lower	Upper	
43	100		
72	44.3	20.4	30.6#

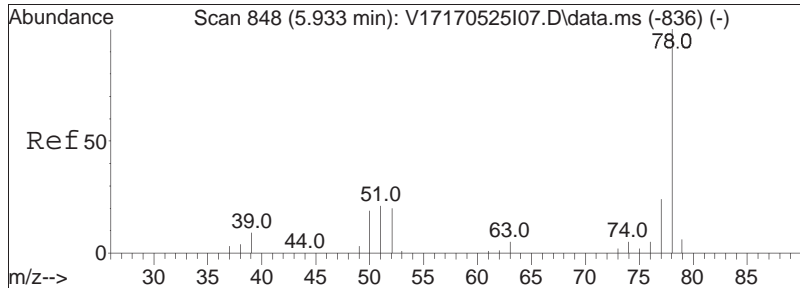




#40
 1,1-Dichloropropene
 Concen: 19.34 ug/L
 RT: 5.671 min Scan# 798
 Delta R.T. -0.005 min
 Lab File: V17170719A01.D
 Acq: 19 Jul 2017 07:03

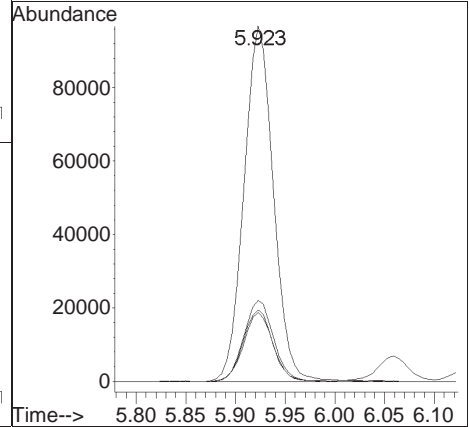
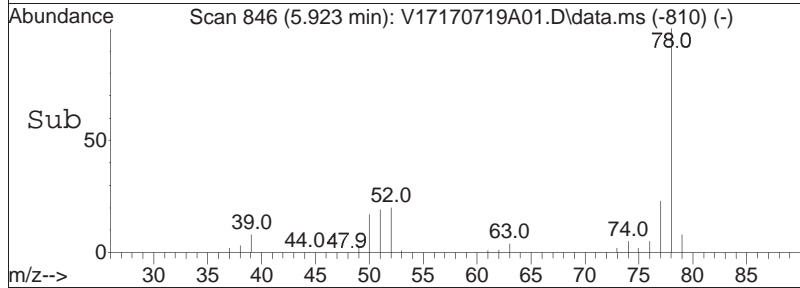
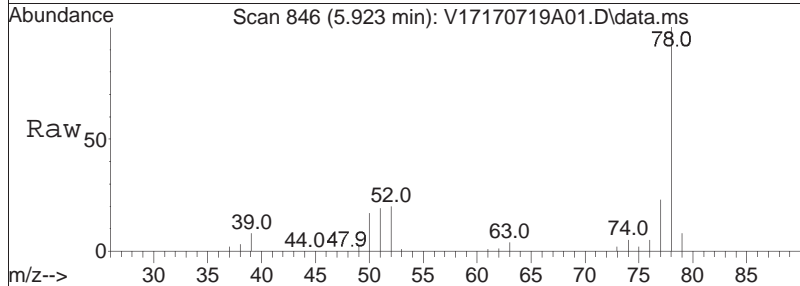
Tgt Ion	Resp	Lower	Upper
75	100		
110	37.7	25.9	53.7
77	31.2	20.3	42.3

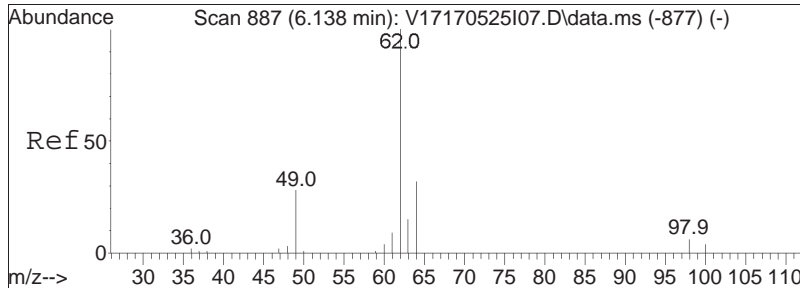




#41
 Benzene
 Concen: 19.06 ug/L
 RT: 5.923 min Scan# 846
 Delta R.T. -0.010 min
 Lab File: V17170719A01.D
 Acq: 19 Jul 2017 07:03

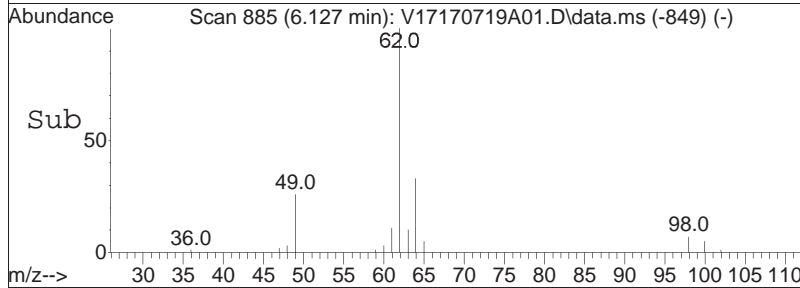
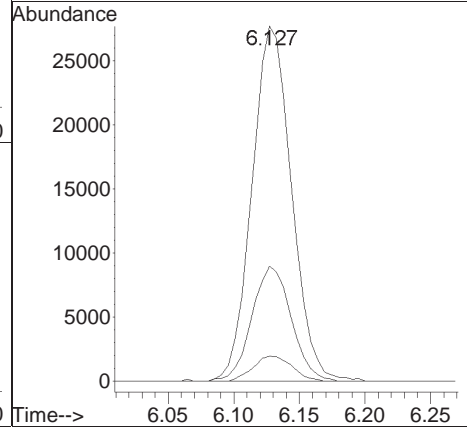
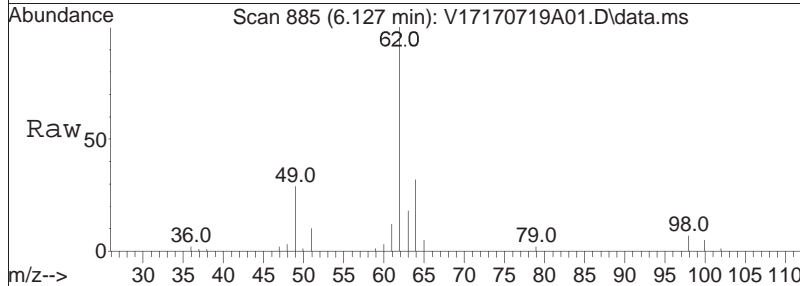
Tgt Ion	Resp	Lower	Upper
78	199501		
77	23.1	15.0	31.1
51	19.3	14.0	29.2
52	20.3	14.3	29.7

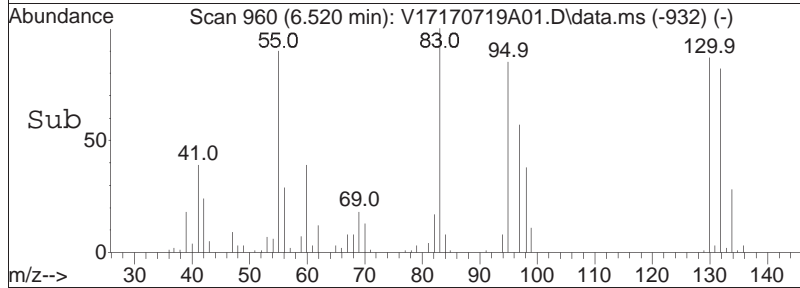
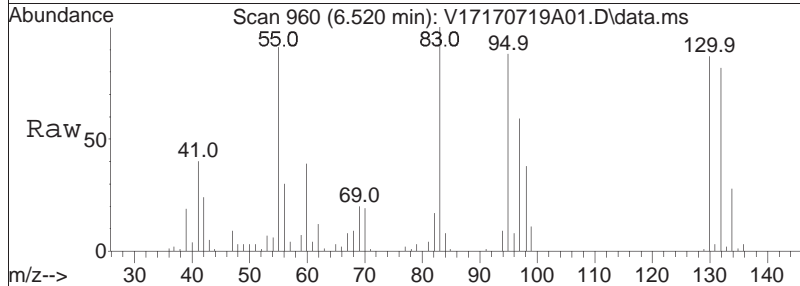
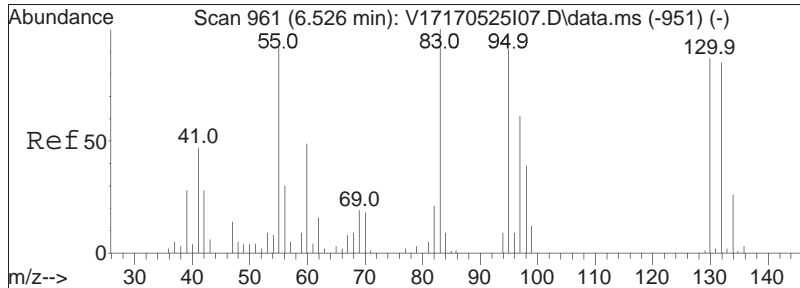




#44
 1,2-Dichloroethane
 Concen: 16.57 ug/L
 RT: 6.127 min Scan# 885
 Delta R.T. -0.011 min
 Lab File: V17170719A01.D
 Acq: 19 Jul 2017 07:03

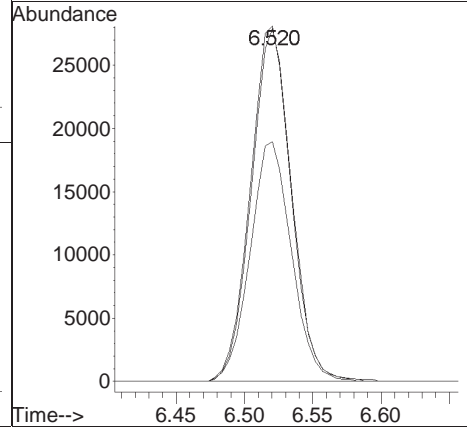
Tgt Ion:	Resp:	Lower	Upper
62	100		
64	32.4	11.8	51.8
98	7.1	0.0	27.1

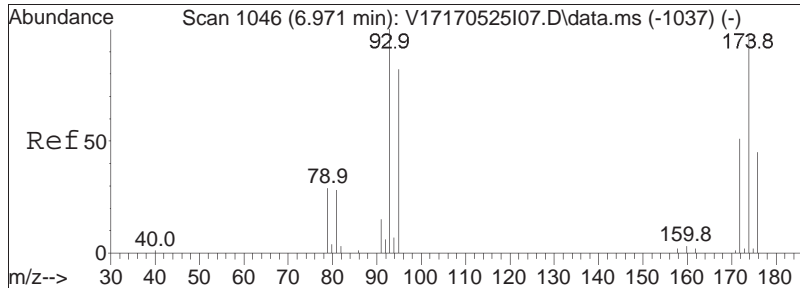




#48
 Trichloroethene
 Concen: 19.19 ug/L
 RT: 6.520 min Scan# 960
 Delta R.T. -0.006 min
 Lab File: V17170719A01.D
 Acq: 19 Jul 2017 07:03

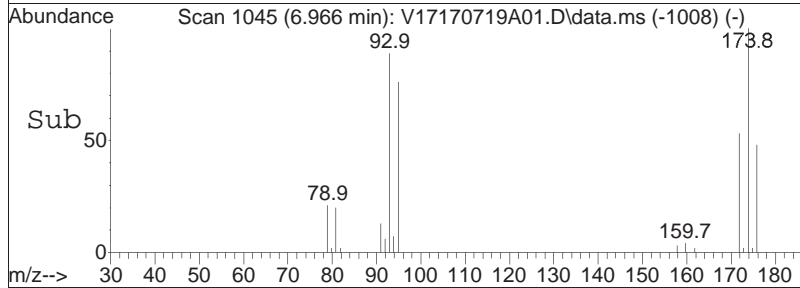
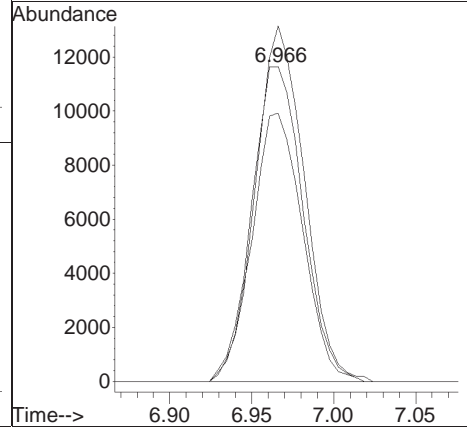
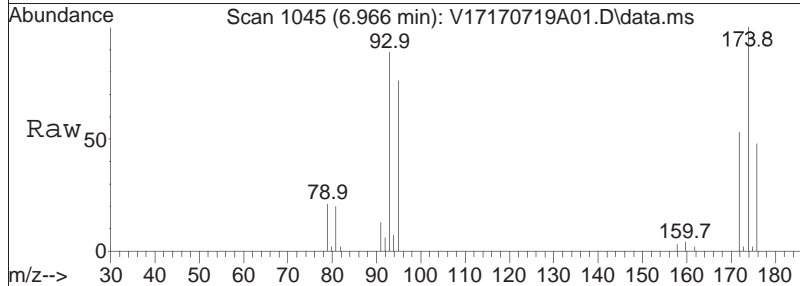
Tgt Ion:	95	Resp:	58237
Ion Ratio	Lower	Upper	
95	100		
97	68.4	53.8	80.8
130	98.1	81.5	122.3

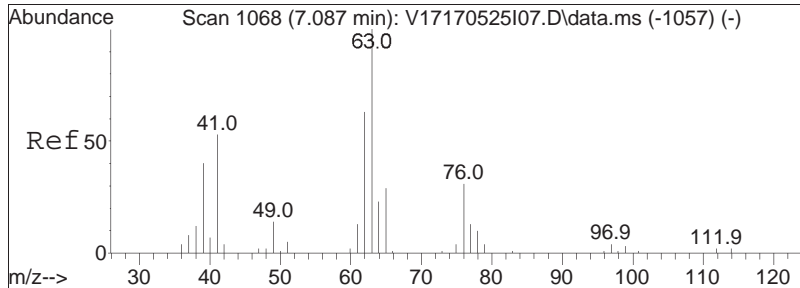




#50
 Dibromomethane
 Concen: 17.88 ug/L
 RT: 6.966 min Scan# 1045
 Delta R.T. -0.005 min
 Lab File: V17170719A01.D
 Acq: 19 Jul 2017 07:03

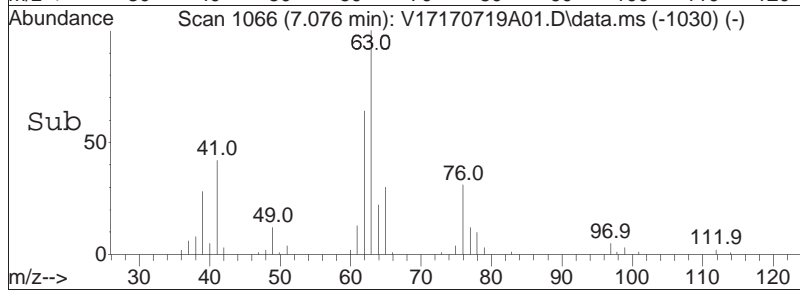
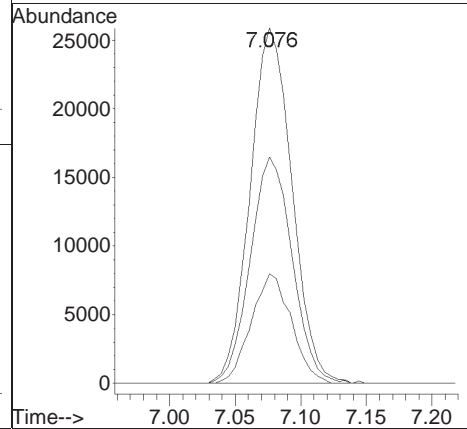
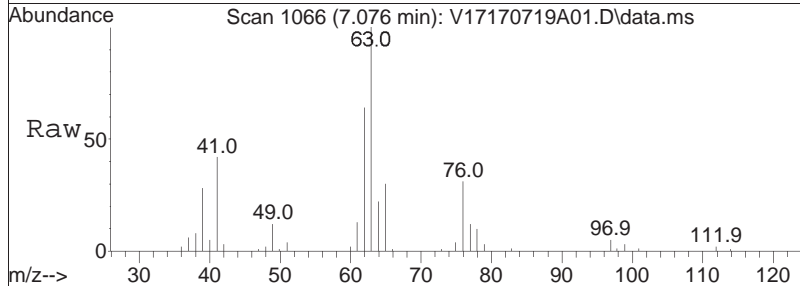
Tgt Ion	Resp	Lower	Upper
93	25310		
93	100		
95	84.3	67.5	101.3
174	107.9	89.9	134.9

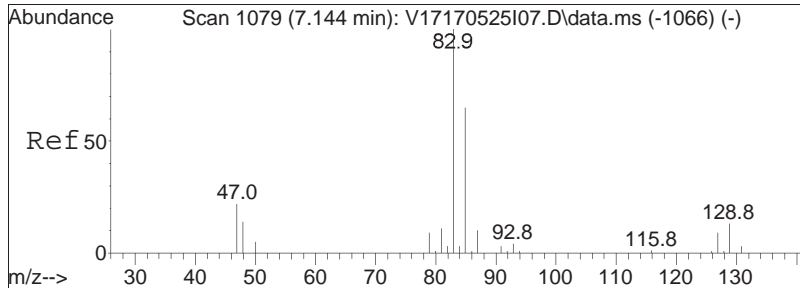




#51
 1,2-Dichloropropane
 Concen: 18.84 ug/L
 RT: 7.076 min Scan# 1066
 Delta R.T. -0.011 min
 Lab File: V17170719A01.D
 Acq: 19 Jul 2017 07:03

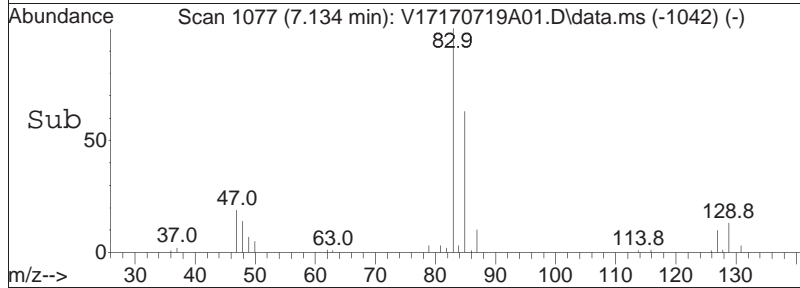
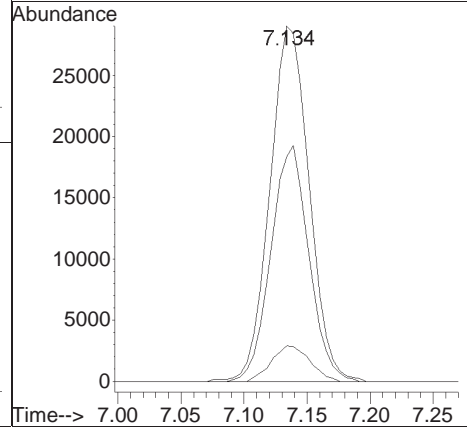
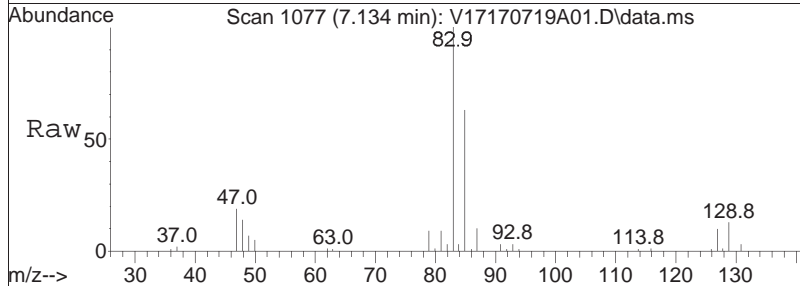
Tgt Ion:	Resp:		
Ion	Ratio	Lower	Upper
63	100		
62	63.9	50.6	76.0
76	29.6	23.4	35.0

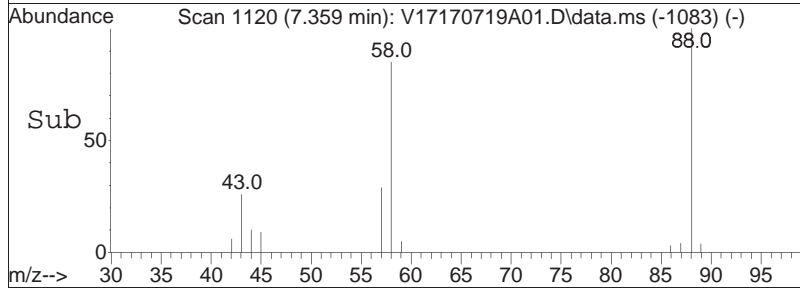
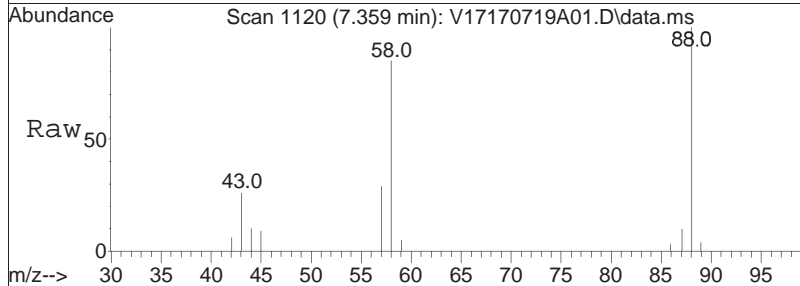
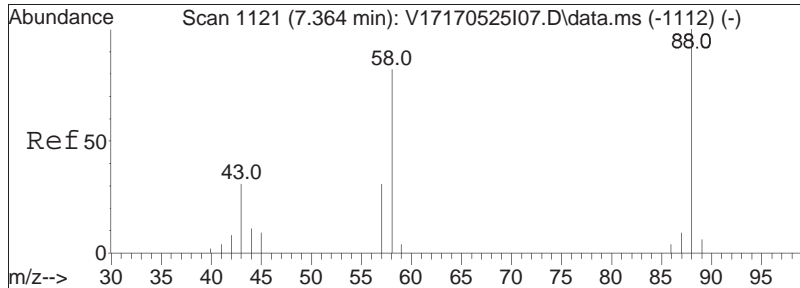




#54
 Bromodichloromethane
 Concen: 18.02 ug/L
 RT: 7.134 min Scan# 1077
 Delta R.T. -0.016 min
 Lab File: V17170719A01.D
 Acq: 19 Jul 2017 07:03

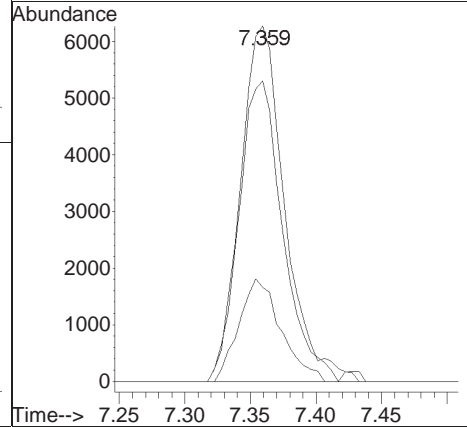
Tgt Ion:	83	Resp:	62752
Ion Ratio	Lower	Upper	
83	100		
85	64.1	51.0	76.4
127	9.8	8.1	12.1

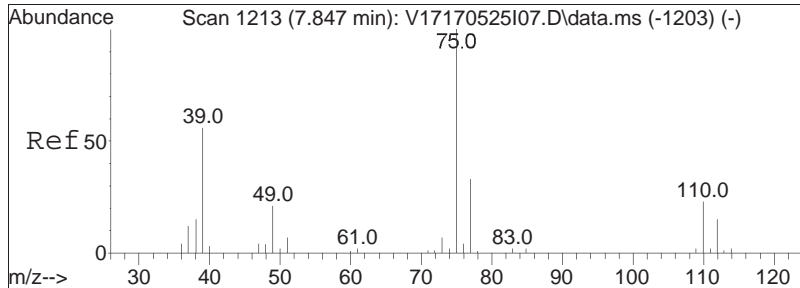




#57
 1,4-Dioxane
 Concen: 922.81 ug/L
 RT: 7.359 min Scan# 1120
 Delta R.T. -0.006 min
 Lab File: V17170719A01.D
 Acq: 19 Jul 2017 07:03

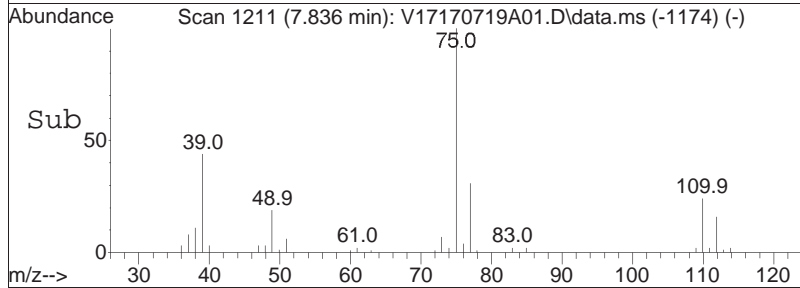
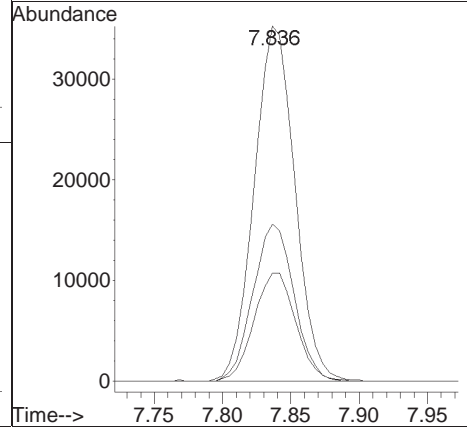
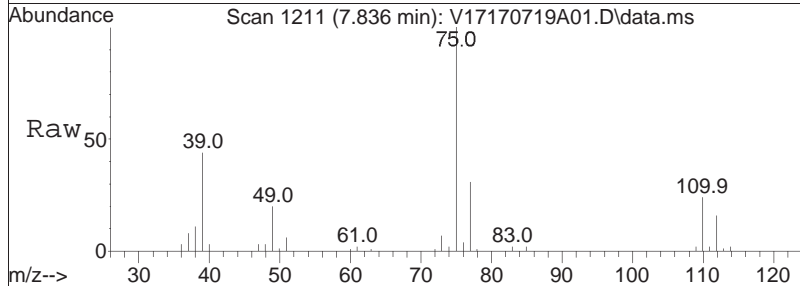
Tgt Ion	Resp	Lower	Upper
88	14791		
88	100		
58	83.6	66.0	99.0
43	27.3	28.0	42.0#

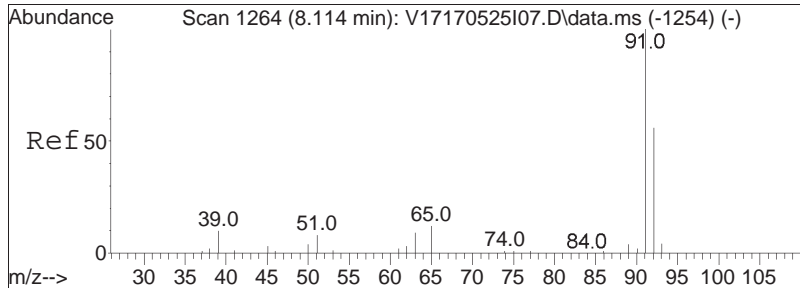




#58
 cis-1,3-Dichloropropene
 Concen: 18.59 ug/L
 RT: 7.836 min Scan# 1211
 Delta R.T. -0.006 min
 Lab File: V17170719A01.D
 Acq: 19 Jul 2017 07:03

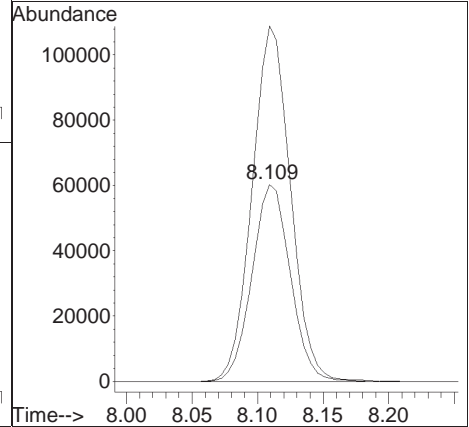
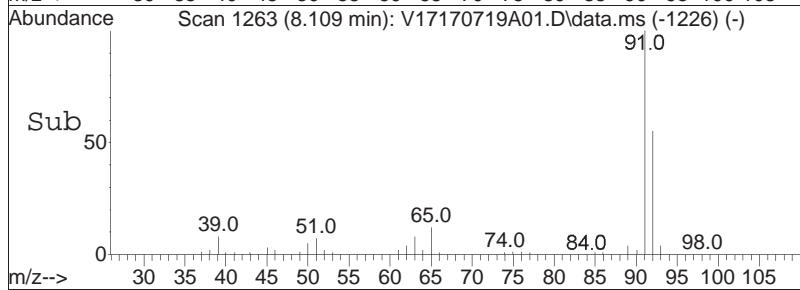
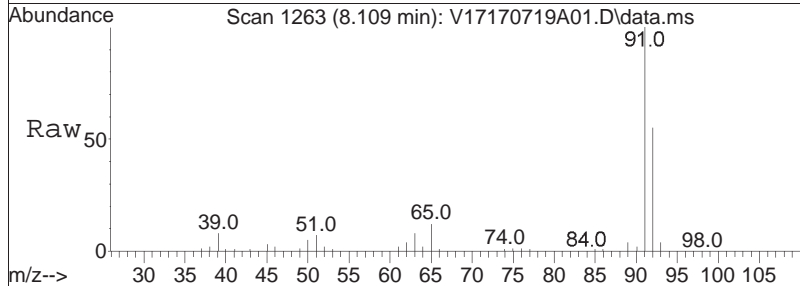
Tgt Ion:	Resp:		
Ion Ratio	Lower	Upper	
75	100		
77	31.3	25.3	37.9
39	44.7	47.8	71.8#

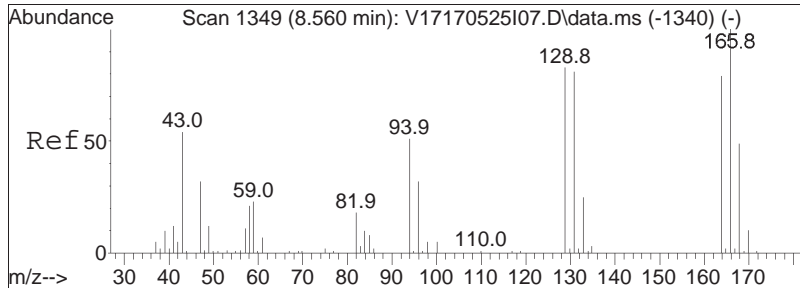




#61
 Toluene
 Concen: 20.19 ug/L
 RT: 8.109 min Scan# 1263
 Delta R.T. -0.005 min
 Lab File: V17170719A01.D
 Acq: 19 Jul 2017 07:03

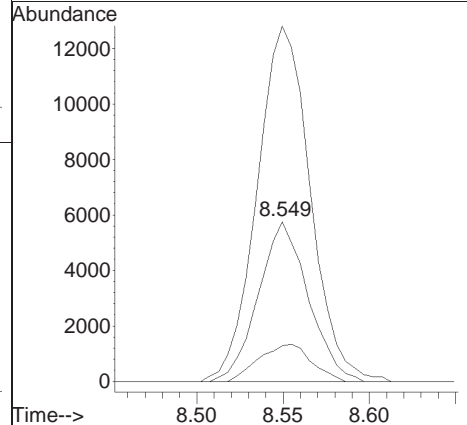
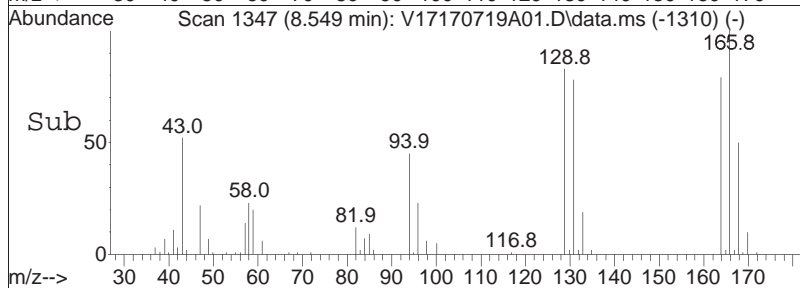
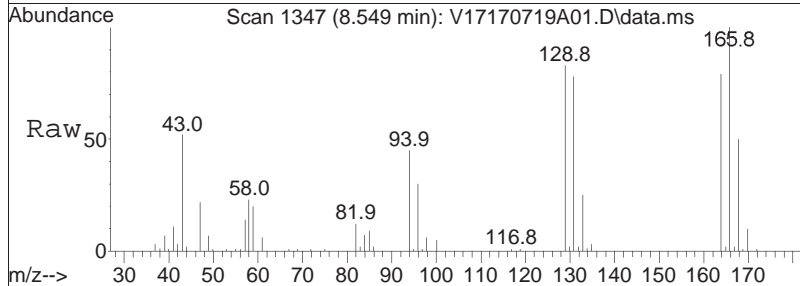
Tgt Ion	Resp	Lower	Upper
92	122382		
91	180.7	142.4	213.6

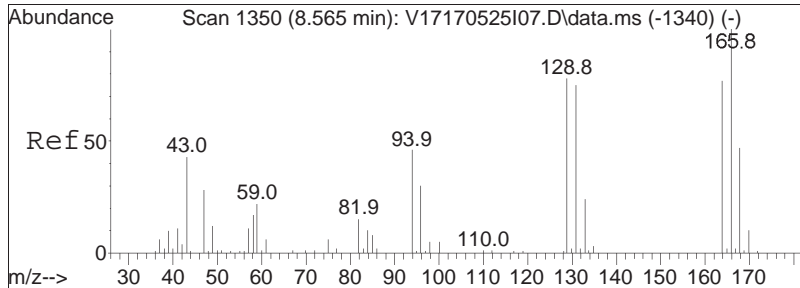




#62
 4-Methyl-2-pentanone
 Concen: 19.08 ug/L
 RT: 8.549 min Scan# 1347
 Delta R.T. -0.006 min
 Lab File: V17170719A01.D
 Acq: 19 Jul 2017 07:03

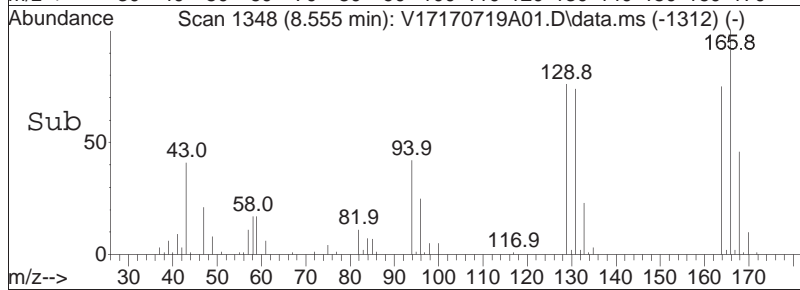
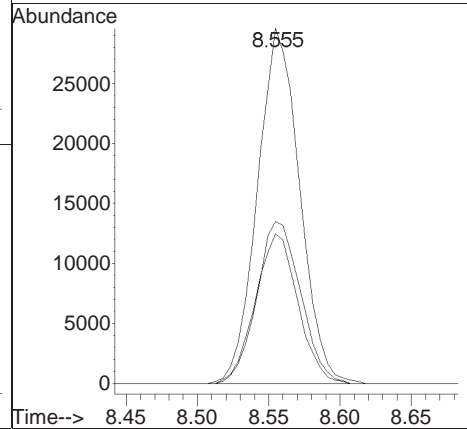
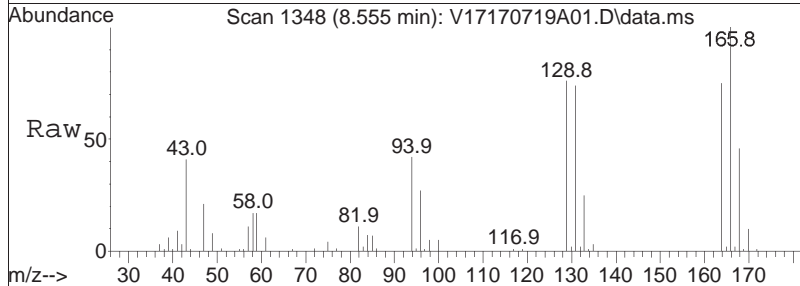
Tgt Ion:	Resp:		
Ion Ratio	Lower	Upper	
58	100		
100	24.5	20.5	30.7
43	237.7	224.2	336.2

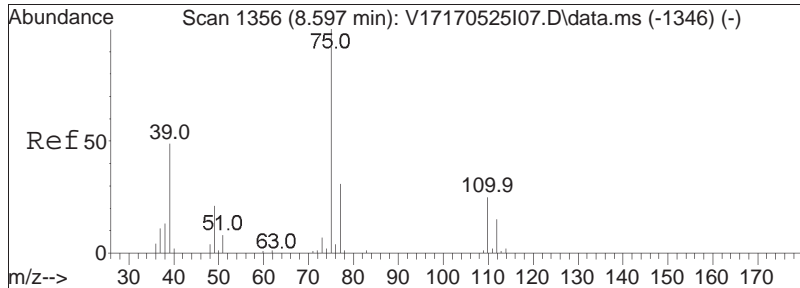




#63
 Tetrachloroethene
 Concen: 21.52 ug/L
 RT: 8.555 min Scan# 1348
 Delta R.T. -0.010 min
 Lab File: V17170719A01.D
 Acq: 19 Jul 2017 07:03

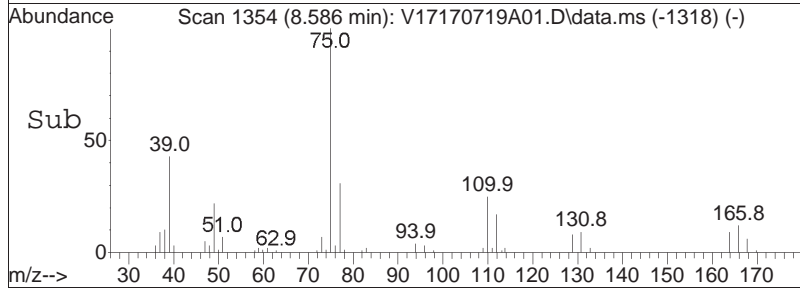
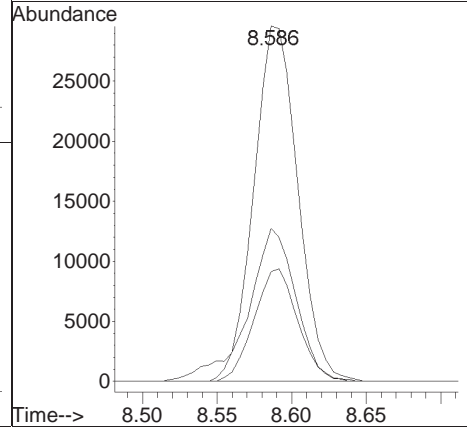
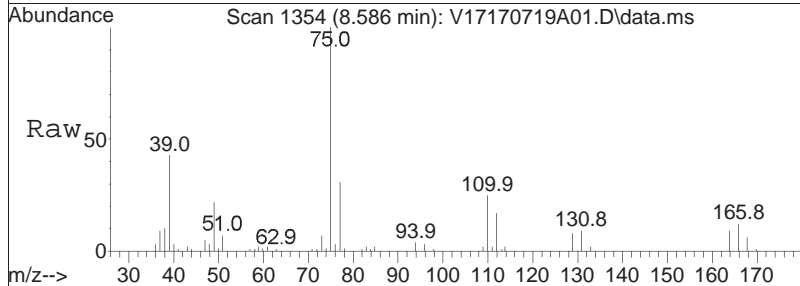
Tgt Ion	Resp	Lower	Upper
166	60848		
166	100		
168	47.3	27.9	67.9
94	42.5	20.4	60.4

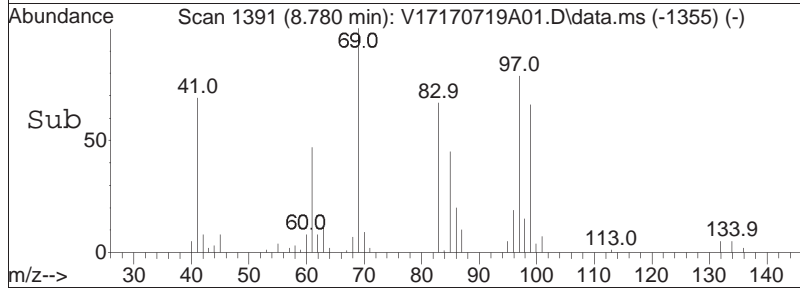
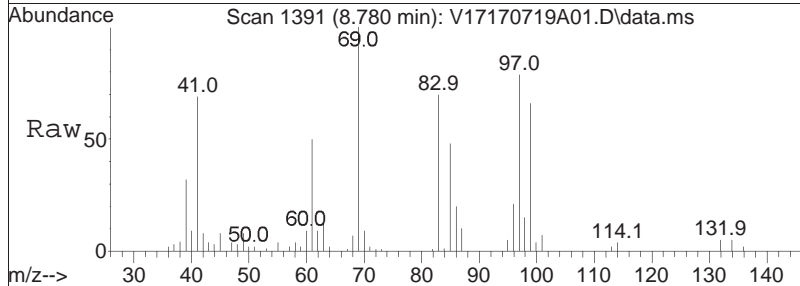
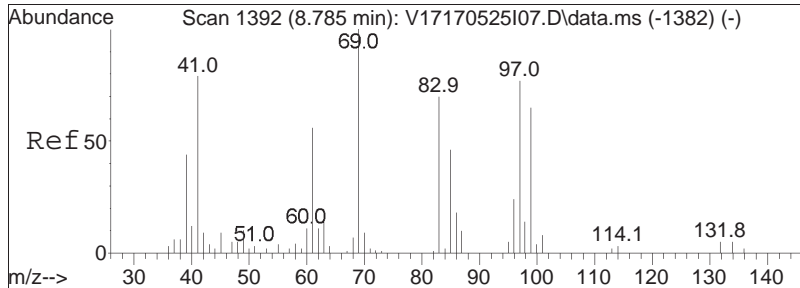




#65
 trans-1,3-Dichloropropene
 Concen: 19.46 ug/L
 RT: 8.586 min Scan# 1354
 Delta R.T. -0.011 min
 Lab File: V17170719A01.D
 Acq: 19 Jul 2017 07:03

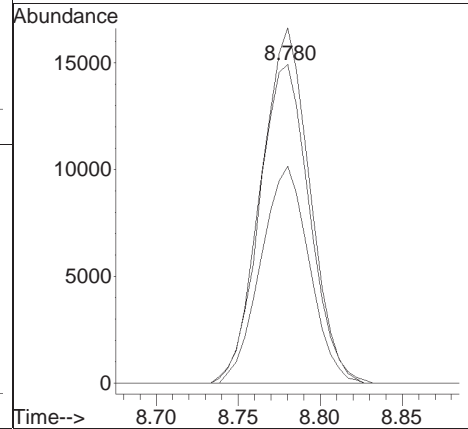
Tgt Ion:	75	Resp:	60808
Ion Ratio	Lower	Upper	
75	100		
77	31.4	11.6	51.6
39	47.0	50.0	90.0#

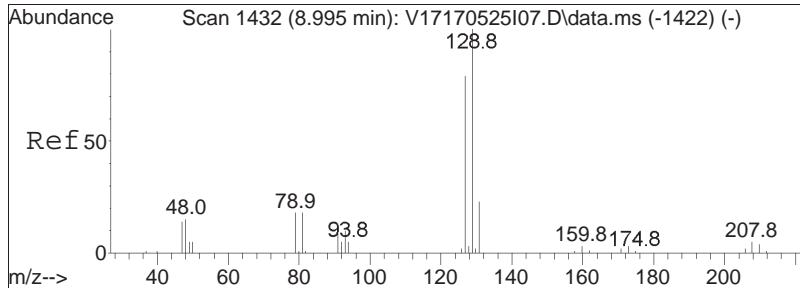




#68
 1,1,2-Trichloroethane
 Concen: 19.65 ug/L
 RT: 8.780 min Scan# 1391
 Delta R.T. -0.011 min
 Lab File: V17170719A01.D
 Acq: 19 Jul 2017 07:03

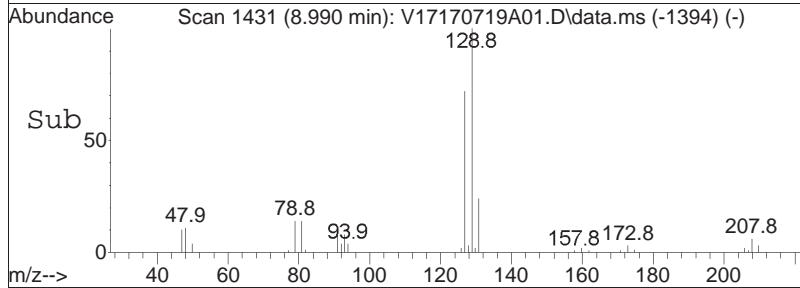
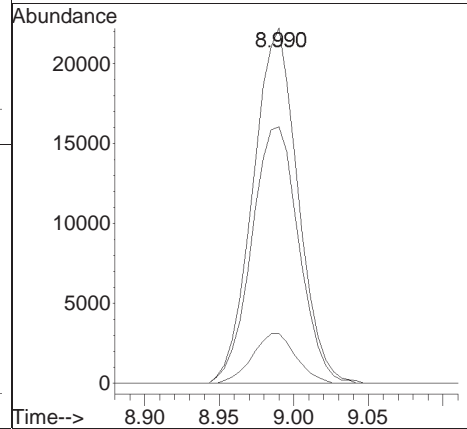
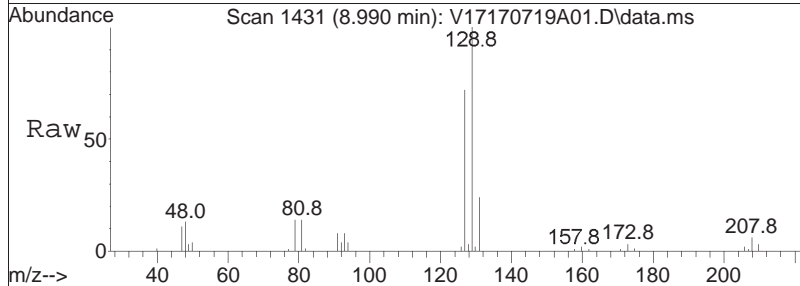
Tgt Ion	Resp	Lower	Upper
83	31702		
83	100		
97	109.2	91.5	131.5
85	66.2	47.5	87.5

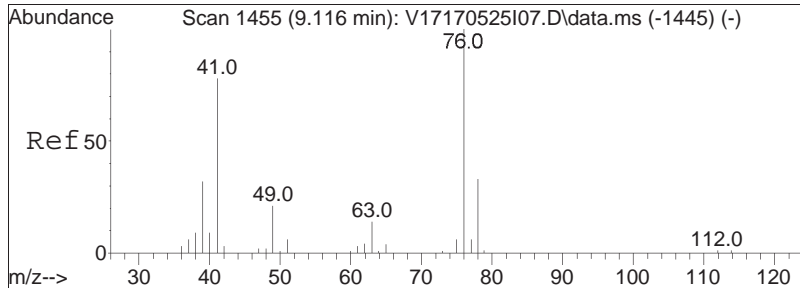




#69
 Chlorodibromomethane
 Concen: 19.60 ug/L
 RT: 8.990 min Scan# 1431
 Delta R.T. -0.005 min
 Lab File: V17170719A01.D
 Acq: 19 Jul 2017 07:03

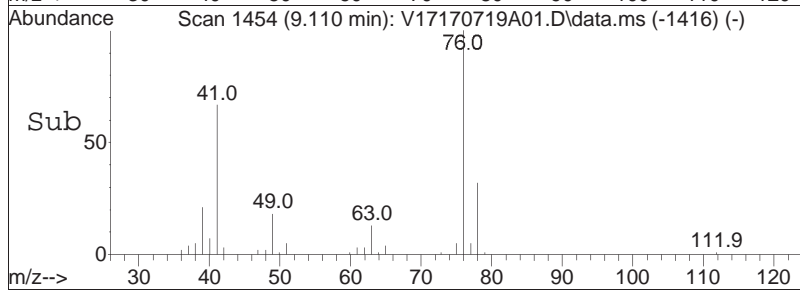
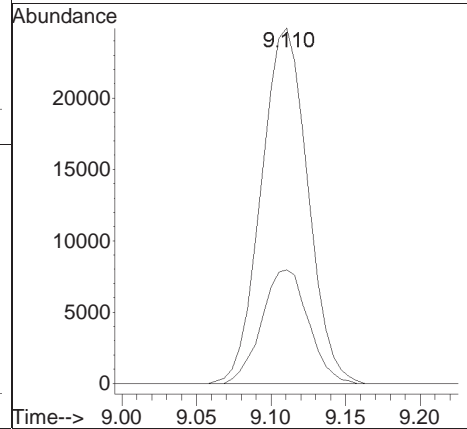
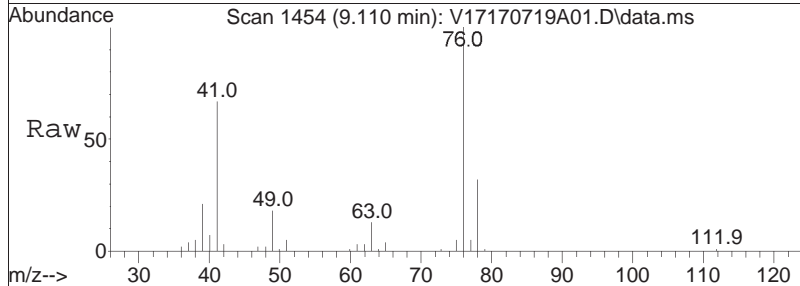
Tgt Ion	Resp	Lower	Upper
129	46683		
129	100		
81	13.6	0.0	34.2
127	75.8	55.9	95.9

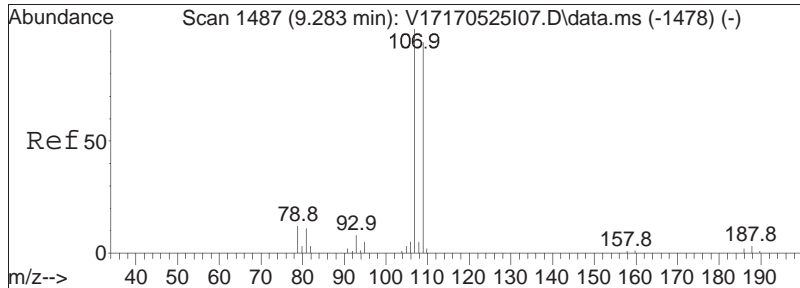




#70
 1,3-Dichloropropane
 Concen: 19.18 ug/L
 RT: 9.110 min Scan# 1454
 Delta R.T. -0.001 min
 Lab File: V17170719A01.D
 Acq: 19 Jul 2017 07:03

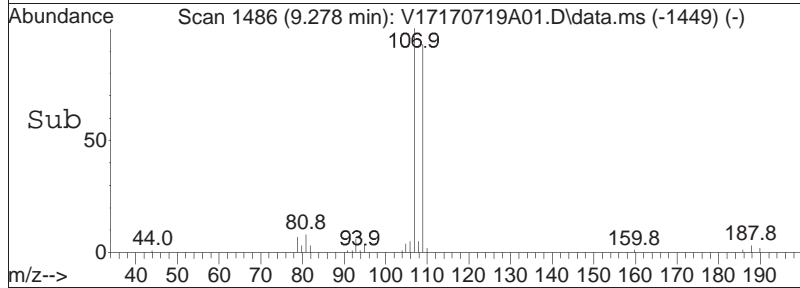
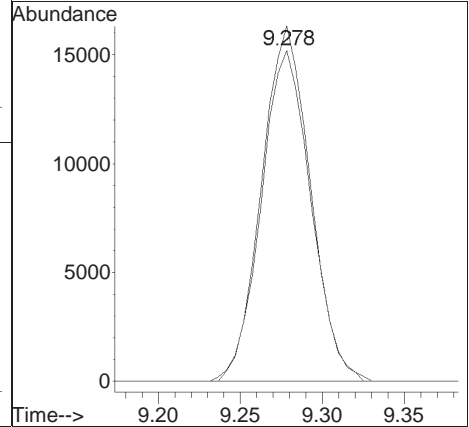
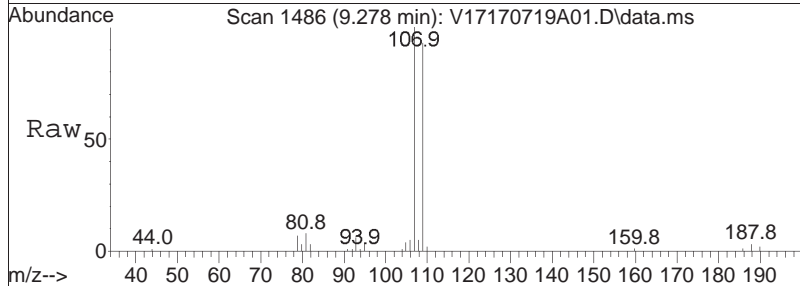
Tgt Ion:	Resp:	Lower	Upper
76	100		
78	32.0	26.0	39.0

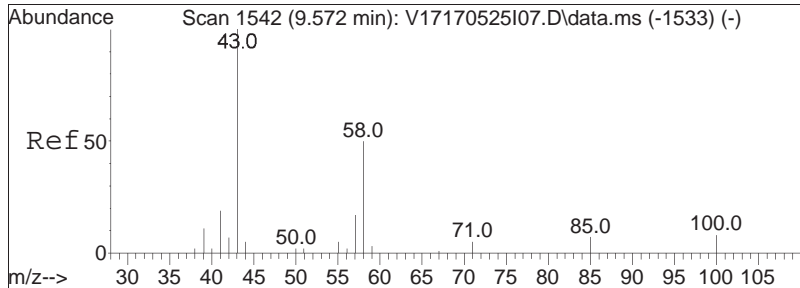




#71
 1,2-Dibromoethane
 Concen: 19.38 ug/L
 RT: 9.278 min Scan# 1486
 Delta R.T. -0.006 min
 Lab File: V17170719A01.D
 Acq: 19 Jul 2017 07:03

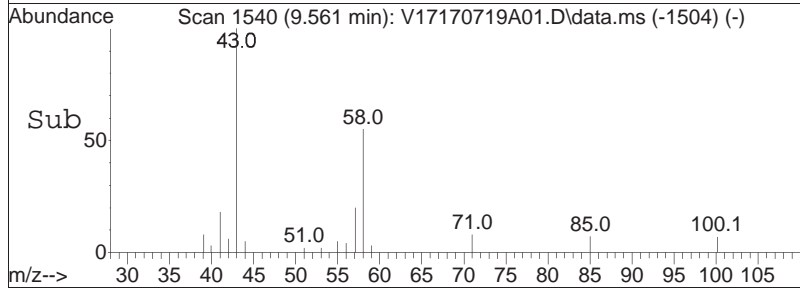
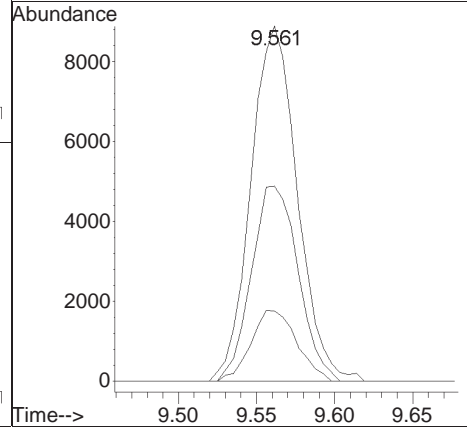
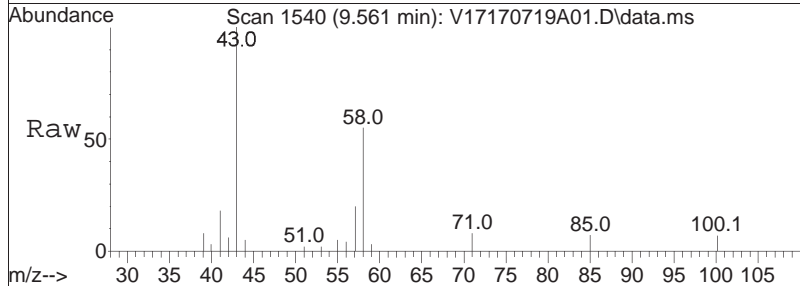
Tgt Ion	Resp	Lower	Upper
107	33782		
109	94.6	75.4	113.2

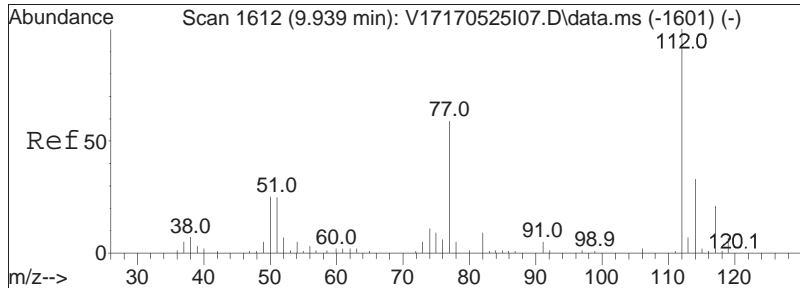




#72
 2-Hexanone
 Concen: 17.00 ug/L
 RT: 9.561 min Scan# 1540
 Delta R.T. -0.011 min
 Lab File: V17170719A01.D
 Acq: 19 Jul 2017 07:03

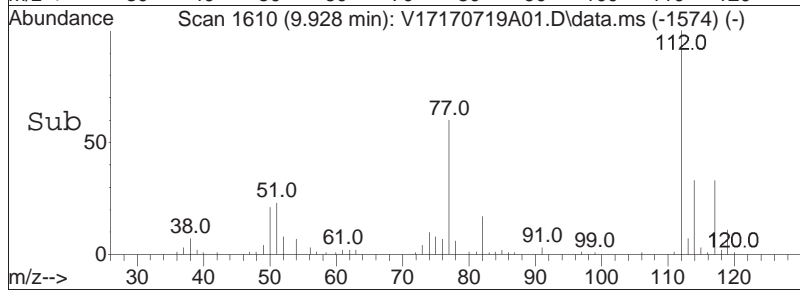
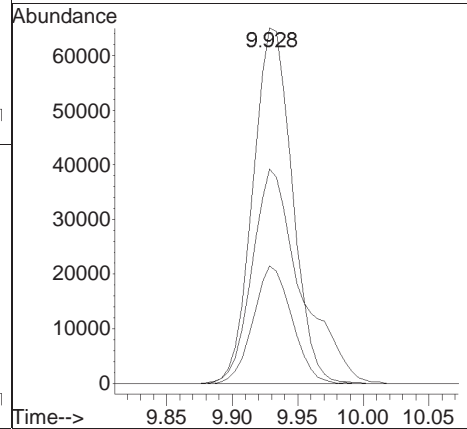
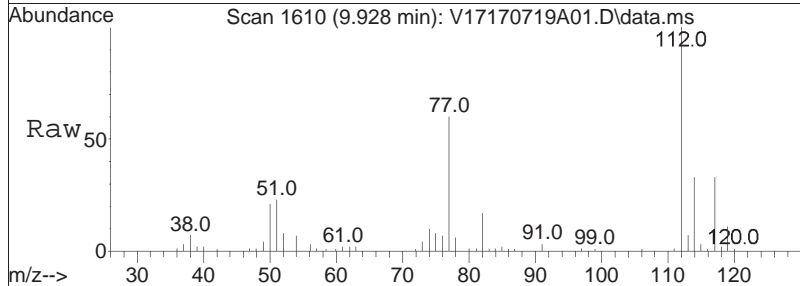
Tgt Ion	Resp	Lower	Upper
43	18417		
58	55.2	39.8	59.6
57	19.7	14.2	21.2

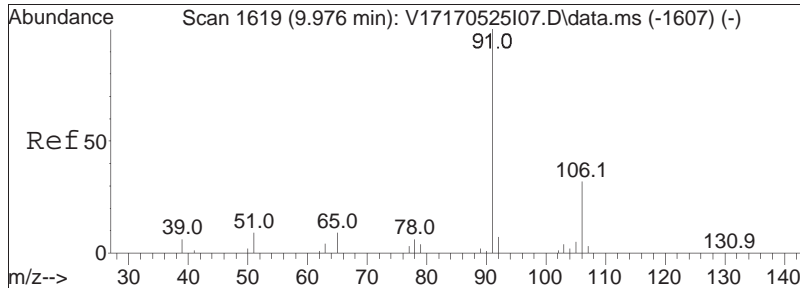




#73
 Chlorobenzene
 Concen: 19.67 ug/L
 RT: 9.928 min Scan# 1610
 Delta R.T. -0.011 min
 Lab File: V17170719A01.D
 Acq: 19 Jul 2017 07:03

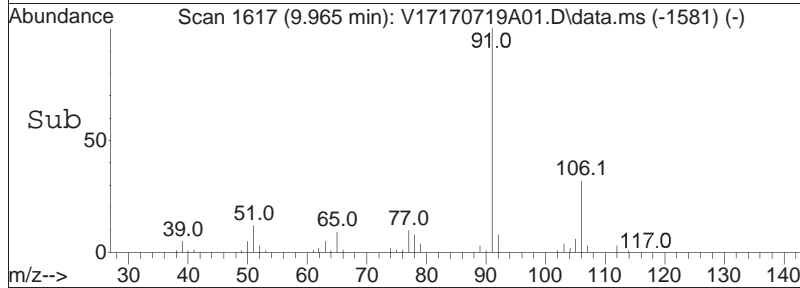
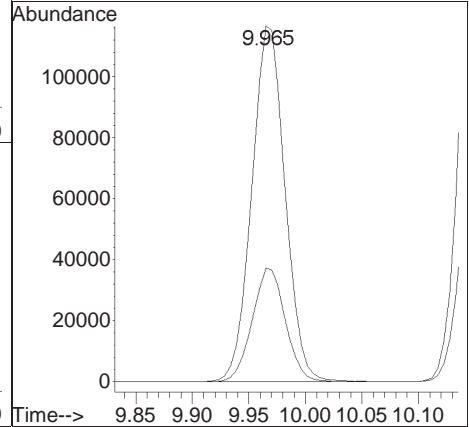
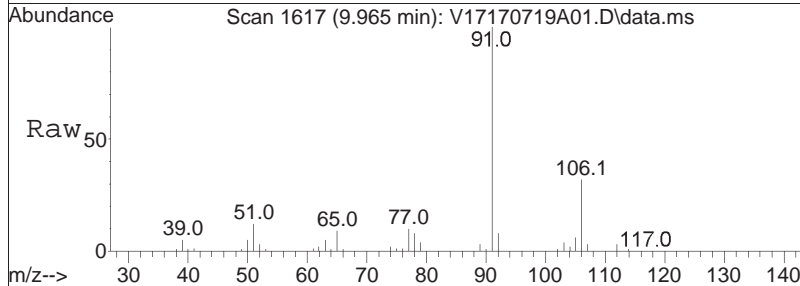
Tgt Ion	Resp	Lower	Upper
112	135976		
77	74.7	55.8	83.8
114	32.5	26.2	39.2

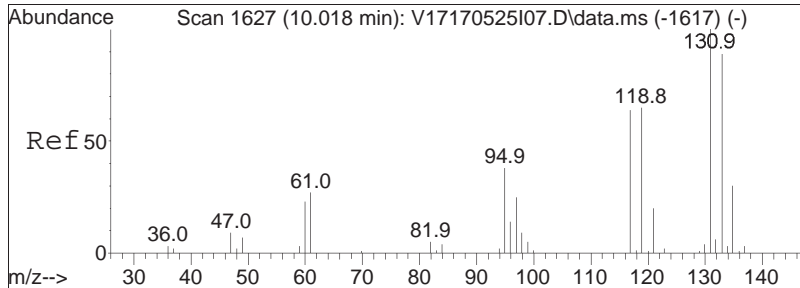




#74
 Ethylbenzene
 Concen: 19.73 ug/L
 RT: 9.965 min Scan# 1617
 Delta R.T. -0.011 min
 Lab File: V17170719A01.D
 Acq: 19 Jul 2017 07:03

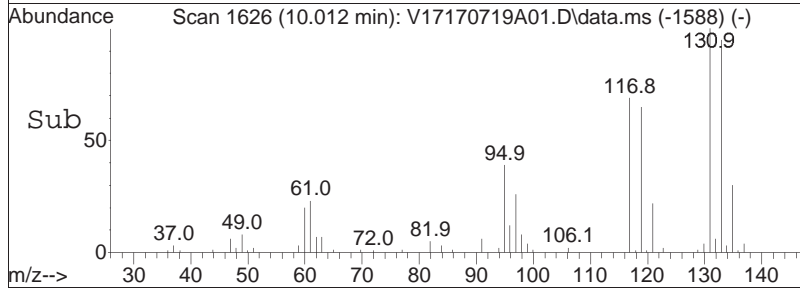
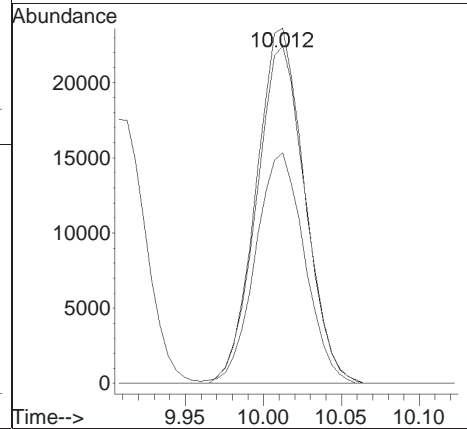
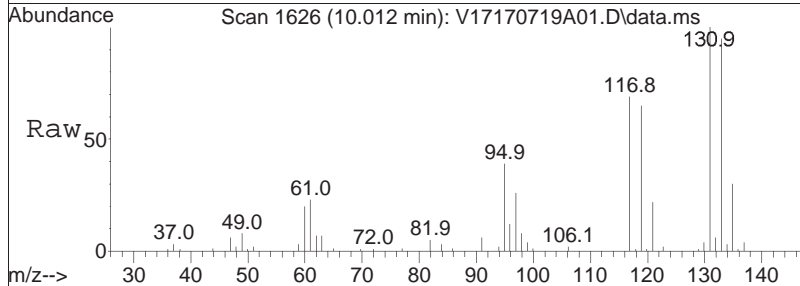
Tgt Ion:	91	Resp:	237477
Ion Ratio	Lower	Upper	
91	100		
106	31.5	25.8	38.6

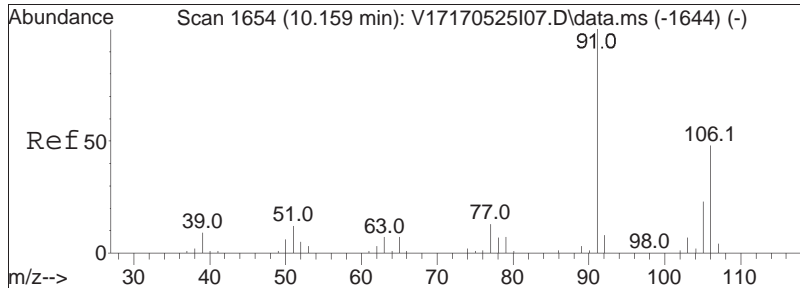




#75
 1,1,1,2-Tetrachloroethane
 Concen: 20.25 ug/L
 RT: 10.012 min Scan# 1626
 Delta R.T. 0.000 min
 Lab File: V17170719A01.D
 Acq: 19 Jul 2017 07:03

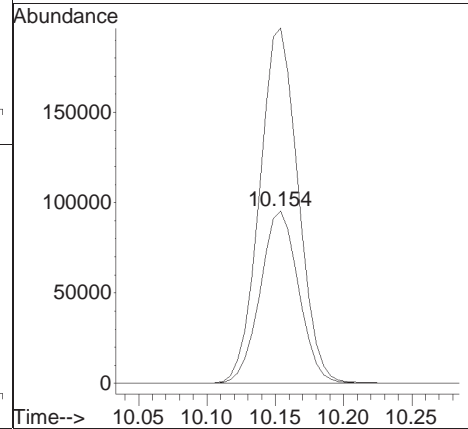
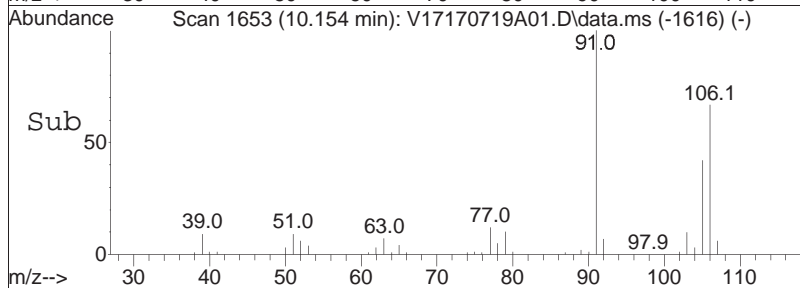
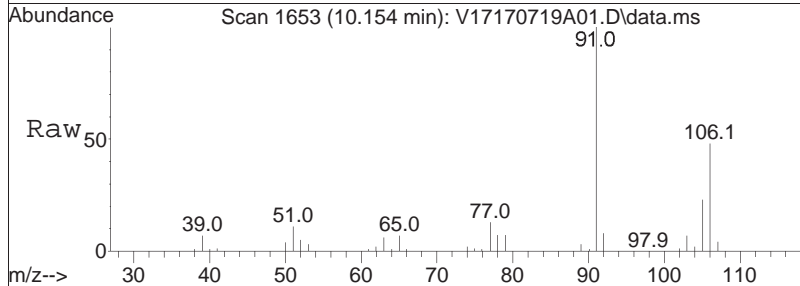
Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.5	75.5	115.5
119	65.7	46.4	86.4

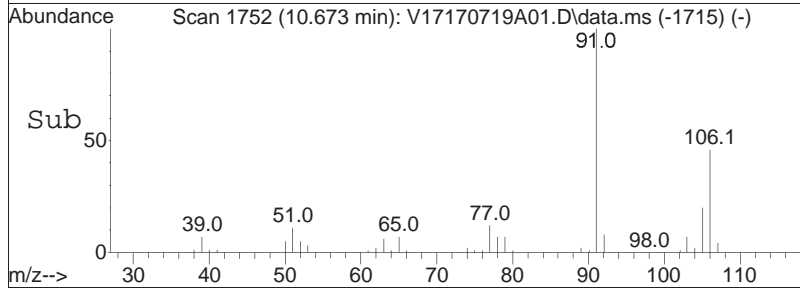
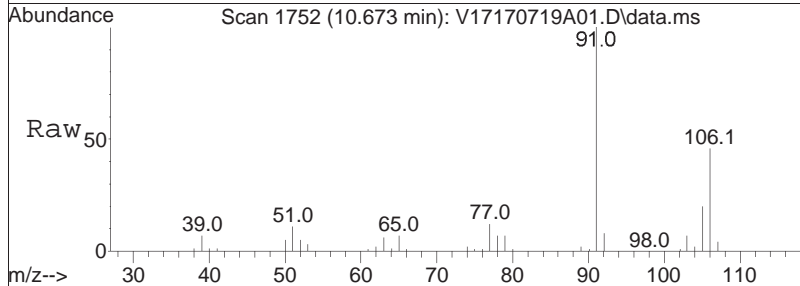
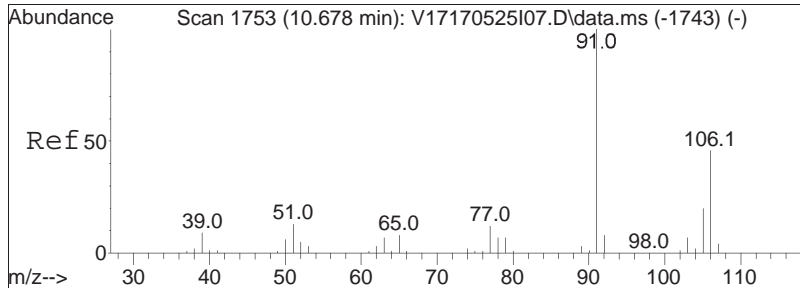




#76
 p/m Xylene
 Concen: 40.33 ug/L
 RT: 10.154 min Scan# 1653
 Delta R.T. -0.005 min
 Lab File: V17170719A01.D
 Acq: 19 Jul 2017 07:03

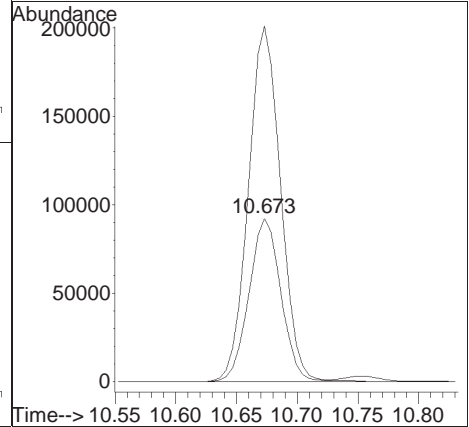
Tgt Ion	Resp	Lower	Upper
106	100		
91	206.7	162.9	244.3

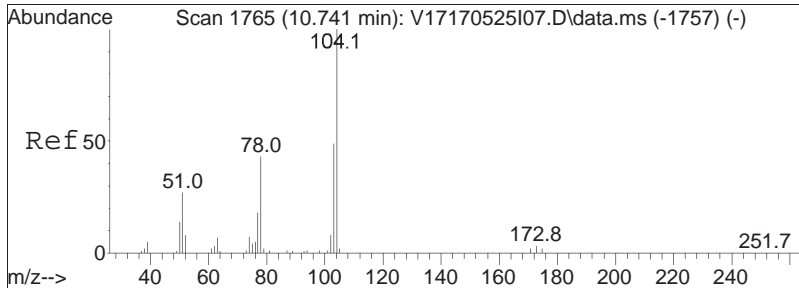




#77
 o Xylene
 Concen: 38.34 ug/L
 RT: 10.673 min Scan# 1752
 Delta R.T. -0.005 min
 Lab File: V17170719A01.D
 Acq: 19 Jul 2017 07:03

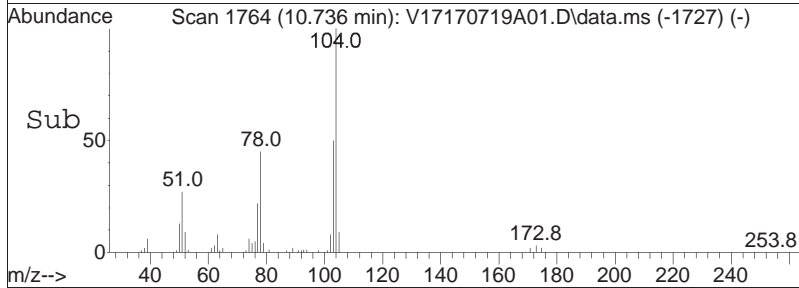
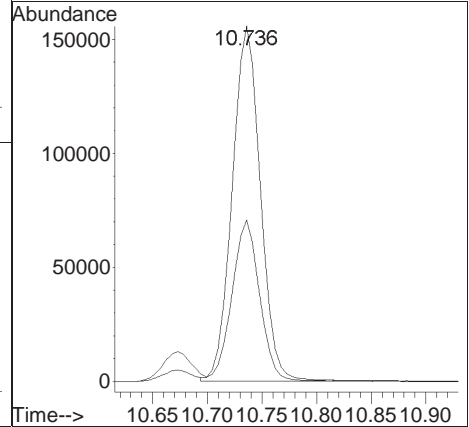
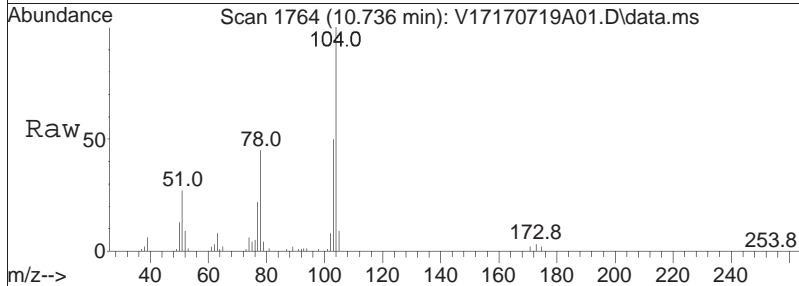
Tgt Ion	Resp	Lower	Upper
106	168282		
91	218.9	170.4	255.6

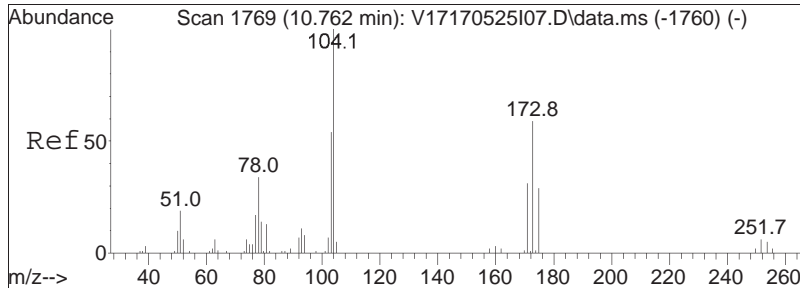




#78
 Styrene
 Concen: 38.68 ug/L
 RT: 10.736 min Scan# 1764
 Delta R.T. -0.005 min
 Lab File: V17170719A01.D
 Acq: 19 Jul 2017 07:03

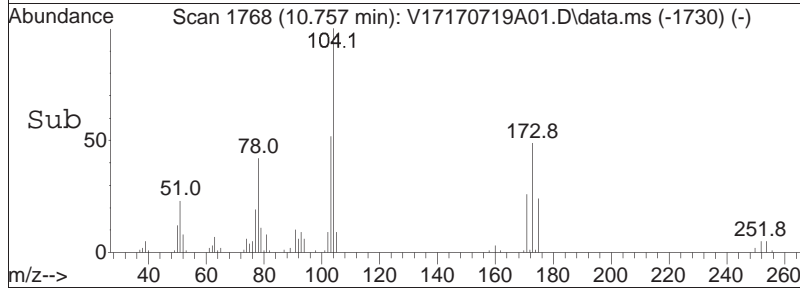
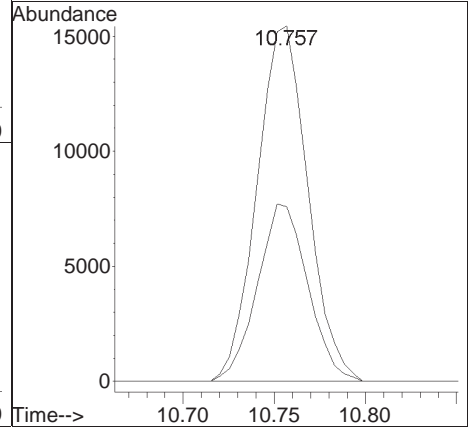
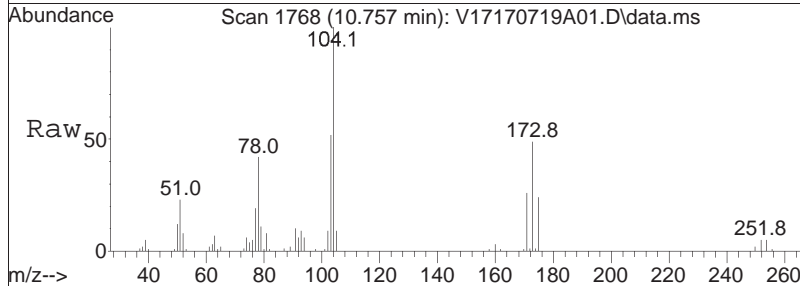
Tgt Ion	Resp	Lower	Upper
104	100		
78	44.9	34.1	51.1

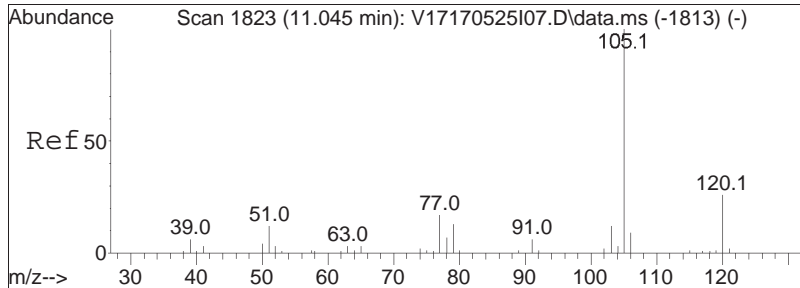




#80
 Bromoform
 Concen: 19.52 ug/L
 RT: 10.757 min Scan# 1768
 Delta R.T. -0.000 min
 Lab File: V17170719A01.D
 Acq: 19 Jul 2017 07:03

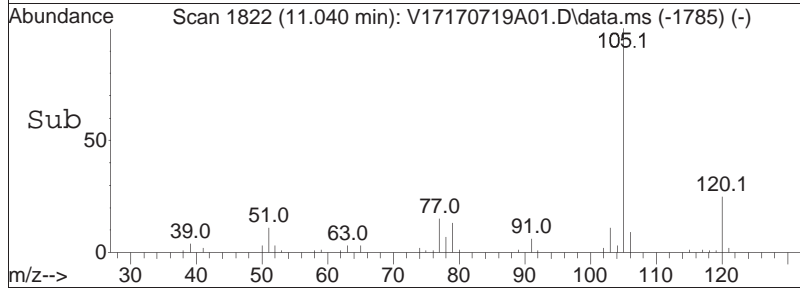
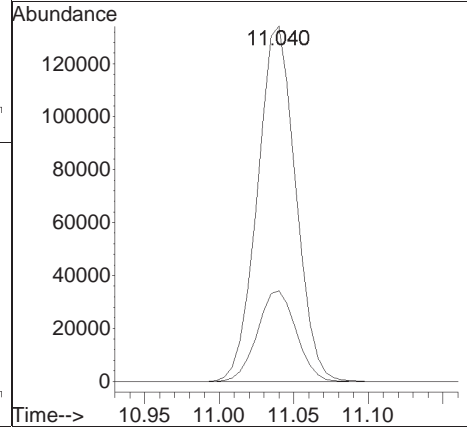
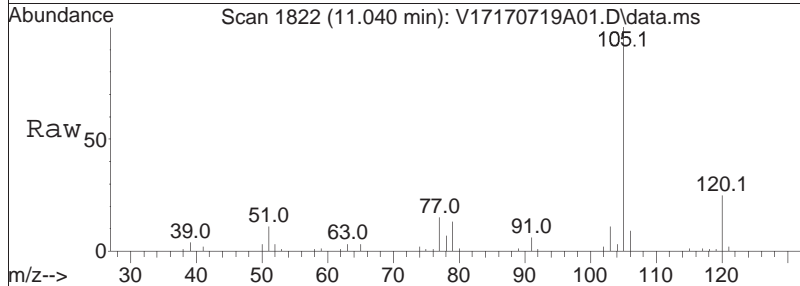
Tgt Ion:	173	Resp:	29982
Ion Ratio	Lower	Upper	
173	100		
175	49.4	28.8	68.8

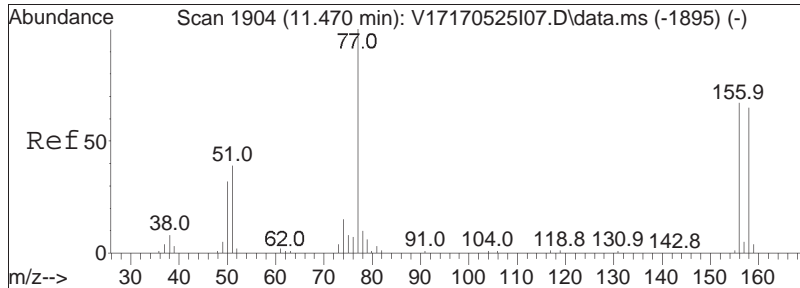




#82
 Isopropylbenzene
 Concen: 20.34 ug/L
 RT: 11.040 min Scan# 1822
 Delta R.T. -0.005 min
 Lab File: V17170719A01.D
 Acq: 19 Jul 2017 07:03

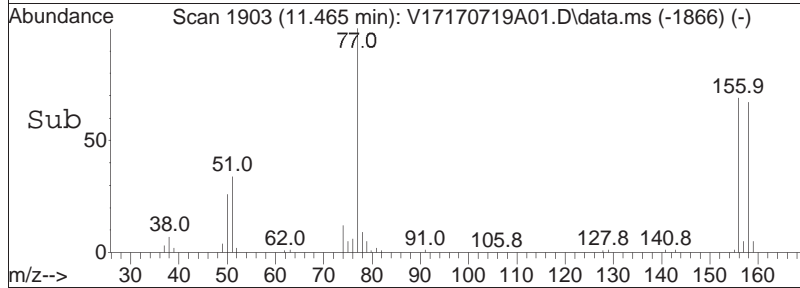
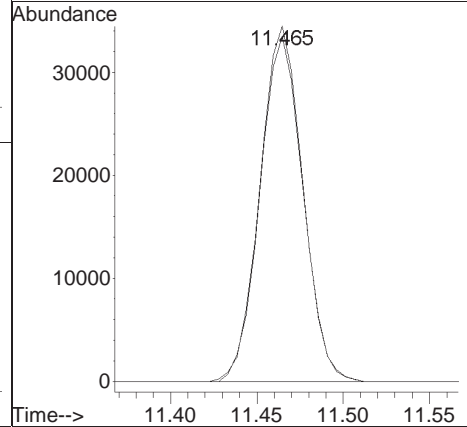
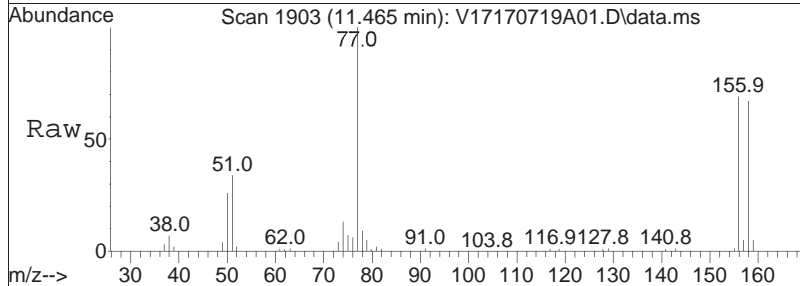
Tgt Ion	Resp	Lower	Upper
105	100		
120	25.9	6.6	46.6

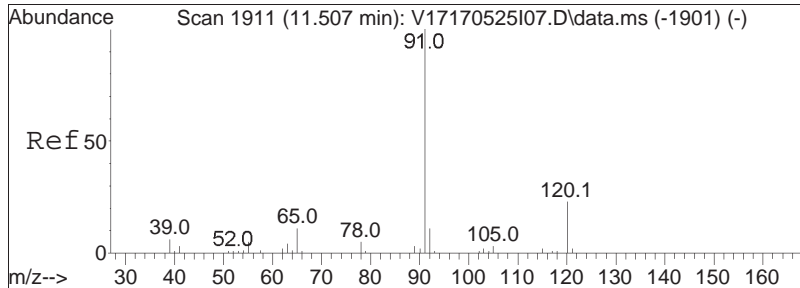




#84
 Bromobenzene
 Concen: 20.10 ug/L
 RT: 11.465 min Scan# 1903
 Delta R.T. -0.005 min
 Lab File: V17170719A01.D
 Acq: 19 Jul 2017 07:03

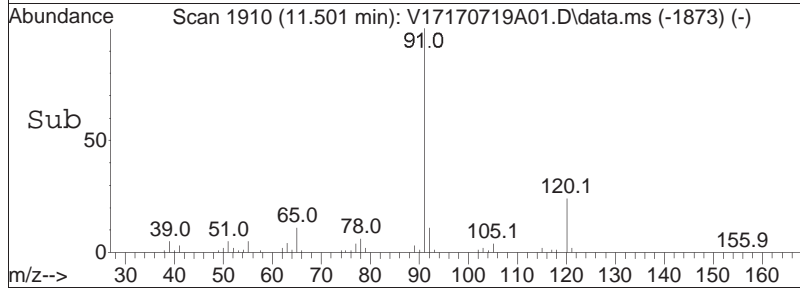
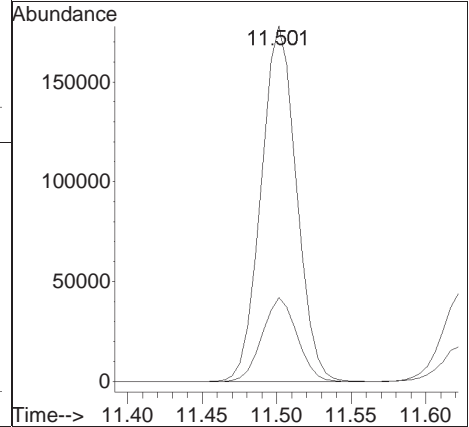
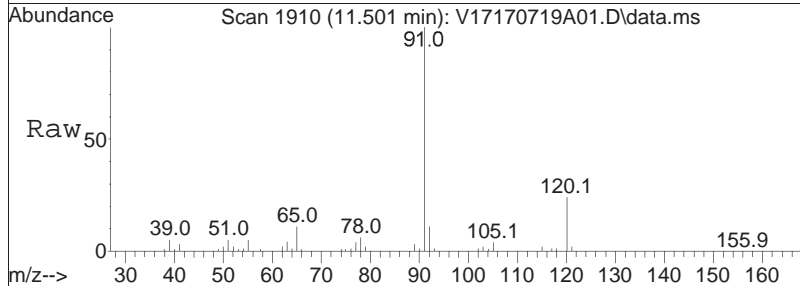
Tgt Ion	Resp	Lower	Upper
156	100		
158	97.3	78.3	117.5

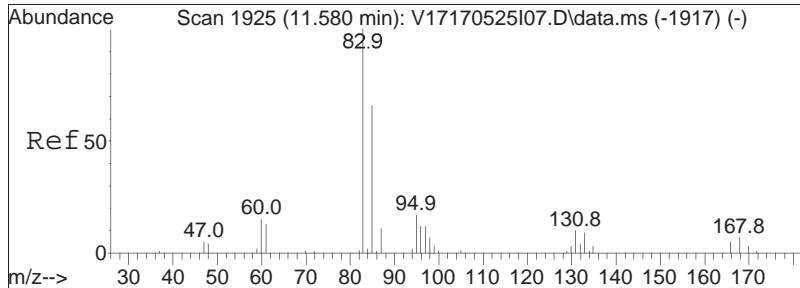




#85
 n-Propylbenzene
 Concen: 20.07 ug/L
 RT: 11.501 min Scan# 1910
 Delta R.T. -0.006 min
 Lab File: V17170719A01.D
 Acq: 19 Jul 2017 07:03

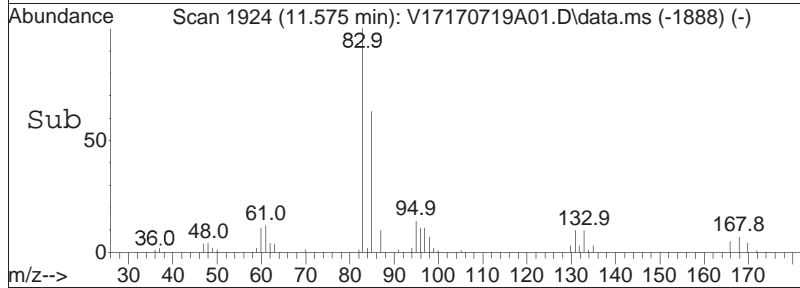
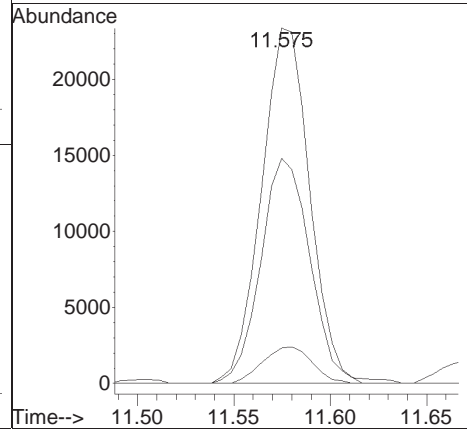
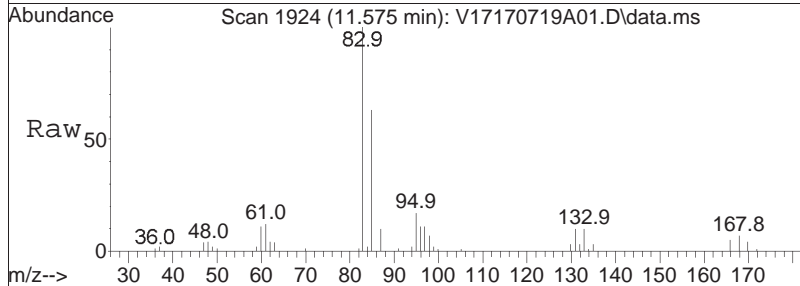
Tgt Ion:	91	120	Resp:	293080
Ion Ratio	100	23.1	Lower	Upper
			19.5	29.3

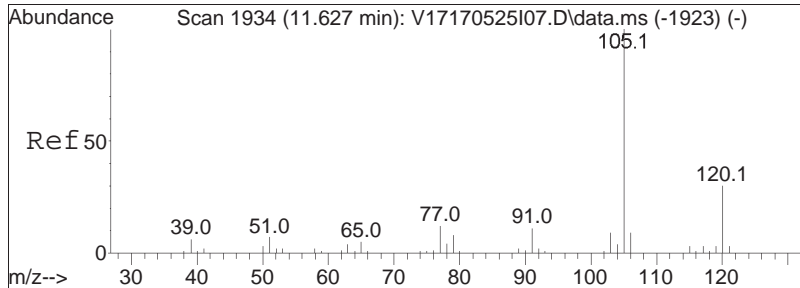




#87
 1,1,2,2-Tetrachloroethane
 Concen: 19.04 ug/L
 RT: 11.575 min Scan# 1924
 Delta R.T. -0.010 min
 Lab File: V17170719A01.D
 Acq: 19 Jul 2017 07:03

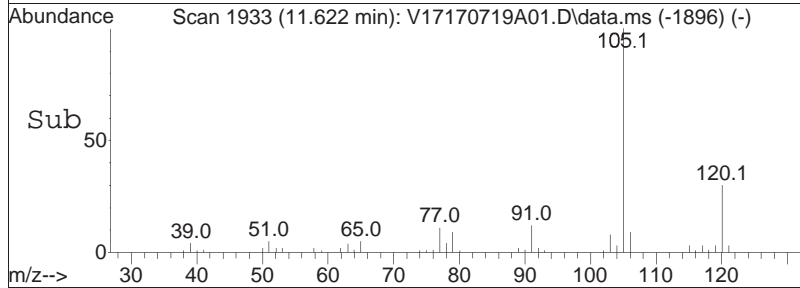
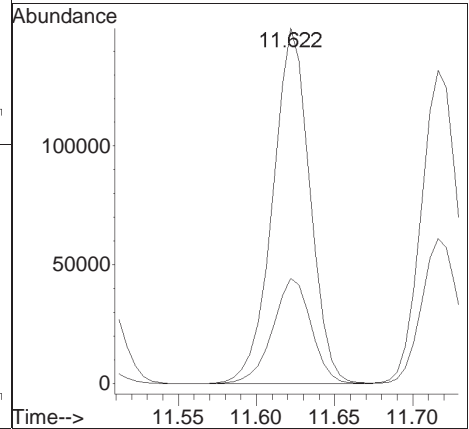
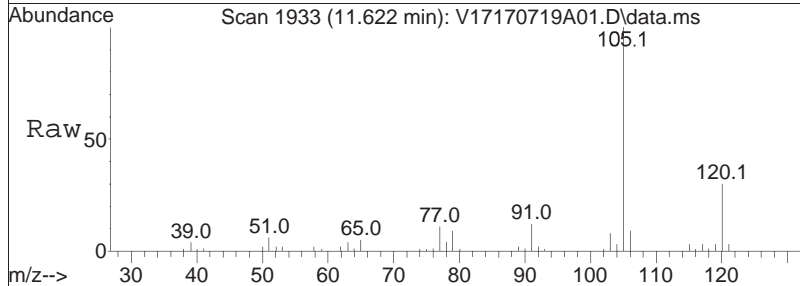
Tgt Ion	Resp	Lower	Upper
83	40656		
83	100		
131	10.6	0.0	31.5
85	65.1	45.6	85.6

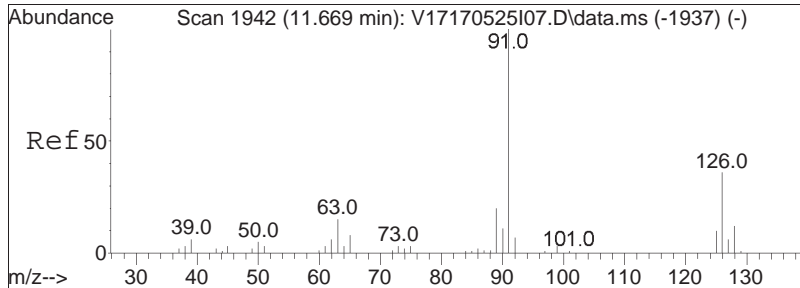




#88
 4-Ethyltoluene
 Concen: 21.12 ug/L
 RT: 11.622 min Scan# 1933
 Delta R.T. -0.005 min
 Lab File: V17170719A01.D
 Acq: 19 Jul 2017 07:03

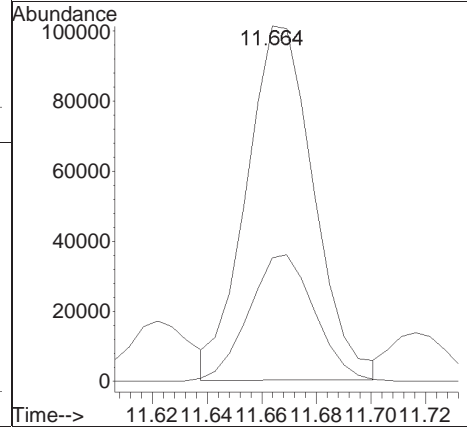
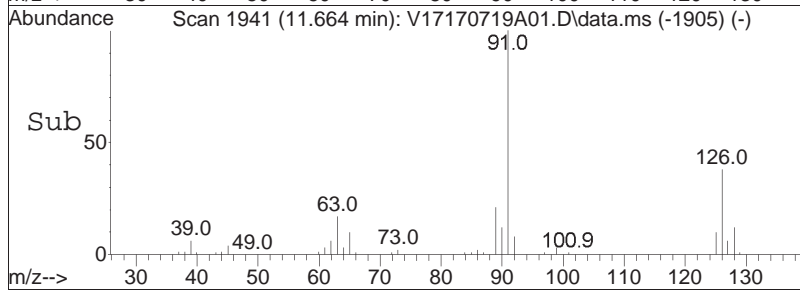
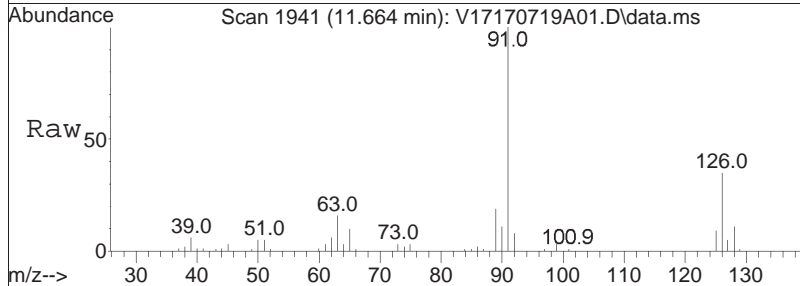
Tgt Ion	Resp	Lower	Upper
105	100		
120	30.5	20.2	42.0

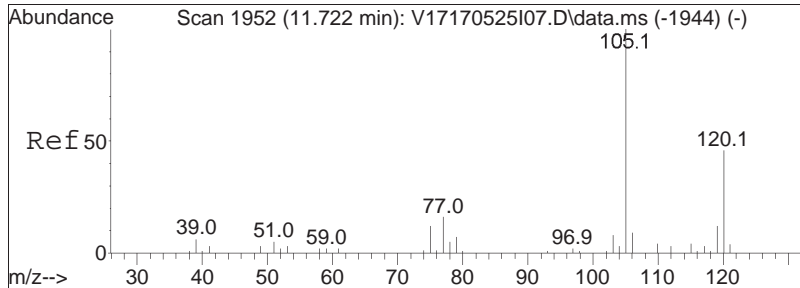




#89
 2-Chlorotoluene
 Concen: 20.13 ug/L
 RT: 11.664 min Scan# 1941
 Delta R.T. -0.011 min
 Lab File: V17170719A01.D
 Acq: 19 Jul 2017 07:03

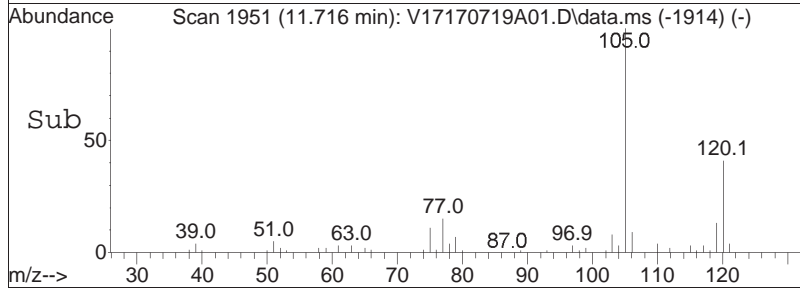
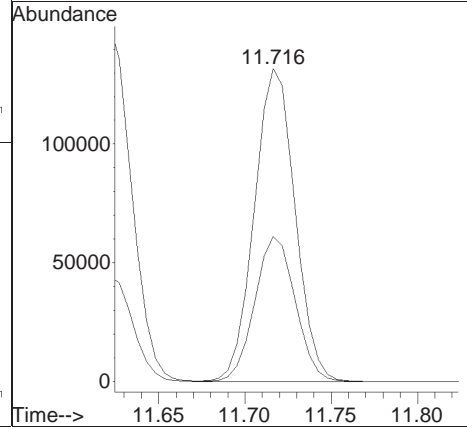
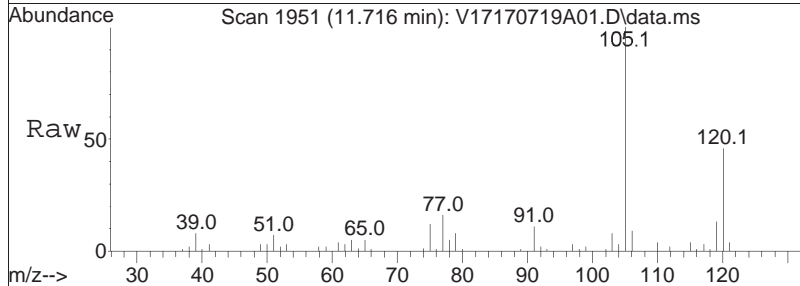
Tgt Ion: 91 Resp: 173168
 Ion Ratio Lower Upper
 91 100
 126 35.1 30.0 45.0

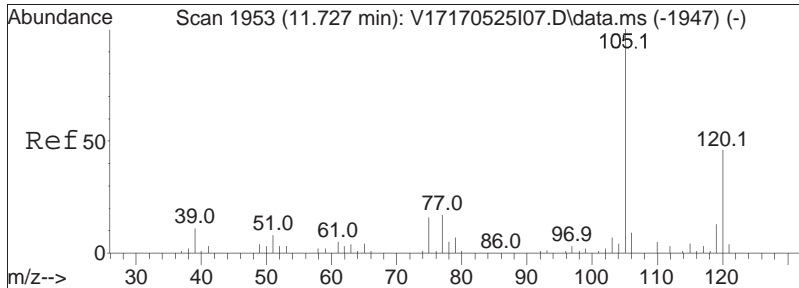




#90
 1,3,5-Trimethylbenzene
 Concen: 20.54 ug/L
 RT: 11.716 min Scan# 1951
 Delta R.T. -0.006 min
 Lab File: V17170719A01.D
 Acq: 19 Jul 2017 07:03

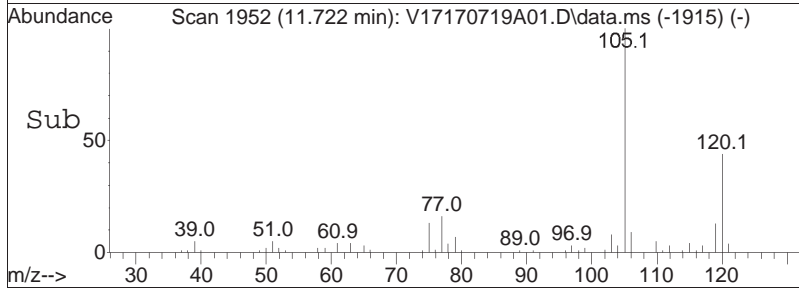
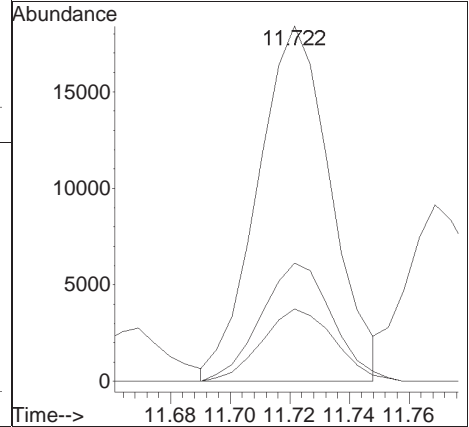
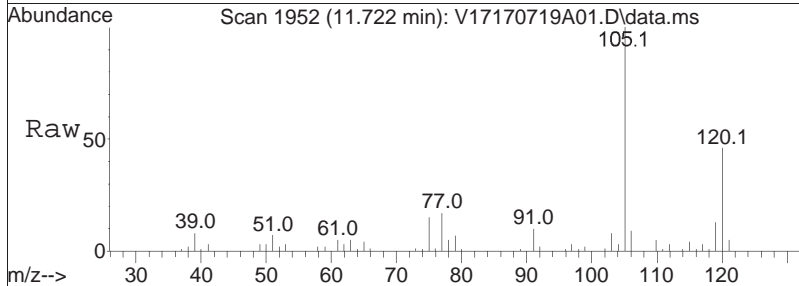
Tgt Ion	Resp	Lower	Upper
105	100		
120	46.0	37.9	56.9

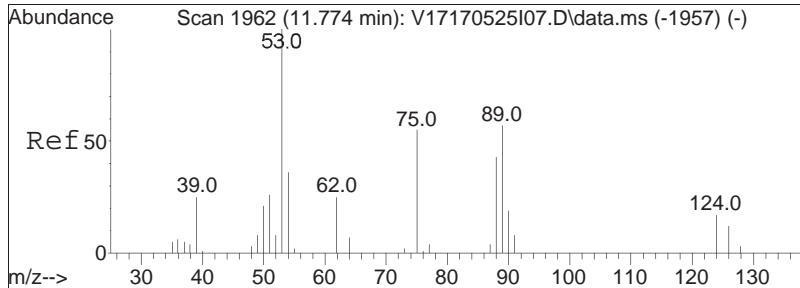




#91
 1,2,3-Trichloropropane
 Concen: 18.37 ug/L
 RT: 11.722 min Scan# 1952
 Delta R.T. -0.005 min
 Lab File: V17170719A01.D
 Acq: 19 Jul 2017 07:03

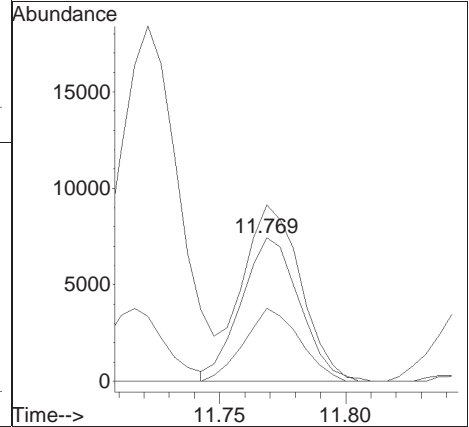
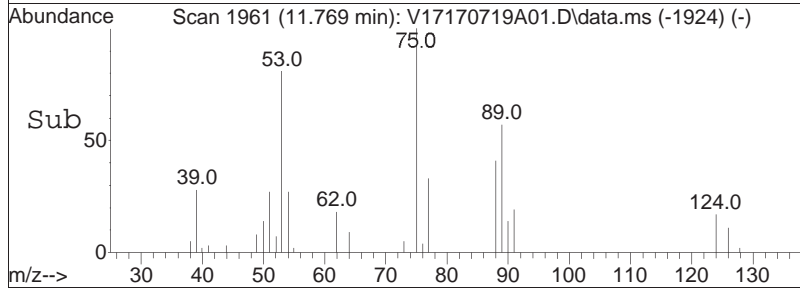
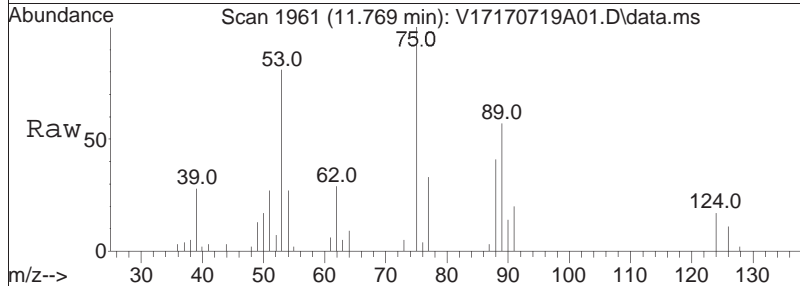
Tgt Ion	Resp	Lower	Upper
75	31427		
75	100		
110	32.3	22.6	46.8
112	20.2	14.1	29.3

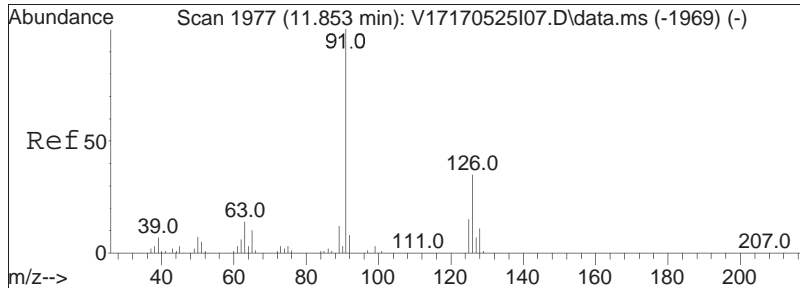




#92
 trans-1,4-Dichloro-2-butene
 Concen: 17.75 ug/L
 RT: 11.769 min Scan# 1961
 Delta R.T. -0.005 min
 Lab File: V17170719A01.D
 Acq: 19 Jul 2017 07:03

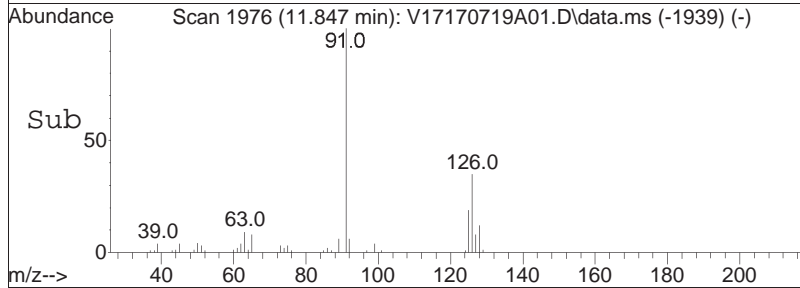
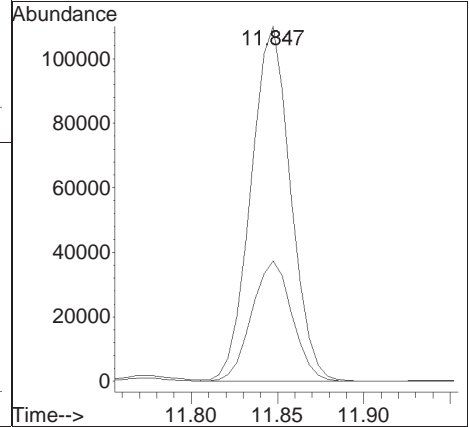
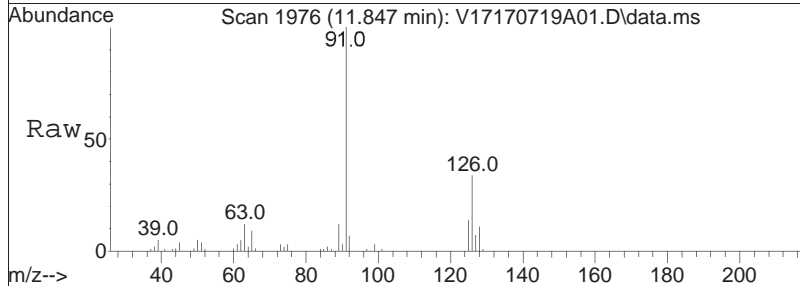
Tgt Ion	Resp	Lower	Upper
53	11948		
53	100		
88	48.5	33.7	50.5
75	122.4	81.6	122.4#

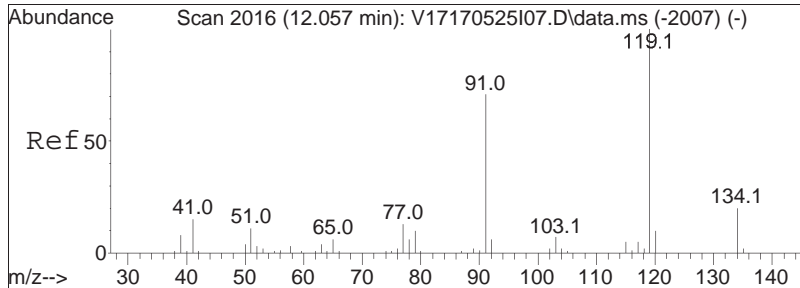




#93
 4-Chlorotoluene
 Concen: 20.08 ug/L
 RT: 11.847 min Scan# 1976
 Delta R.T. -0.006 min
 Lab File: V17170719A01.D
 Acq: 19 Jul 2017 07:03

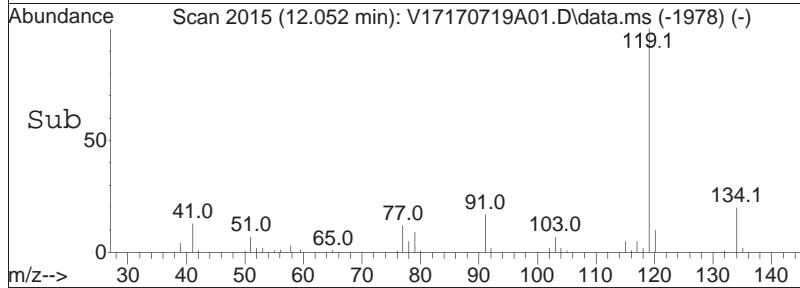
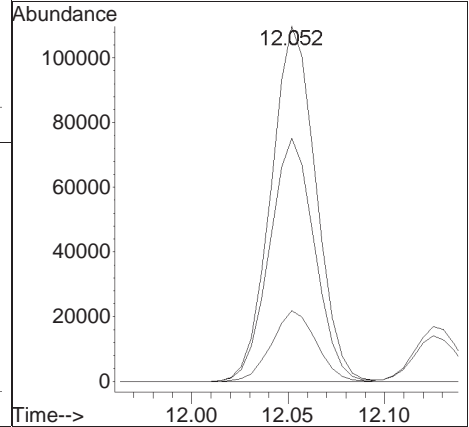
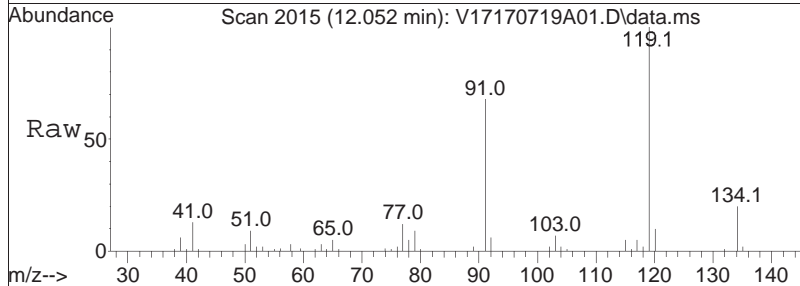
Tgt Ion:	91	Resp:	176144
Ion Ratio	Lower	Upper	
91	100		
126	34.5	29.5	44.3

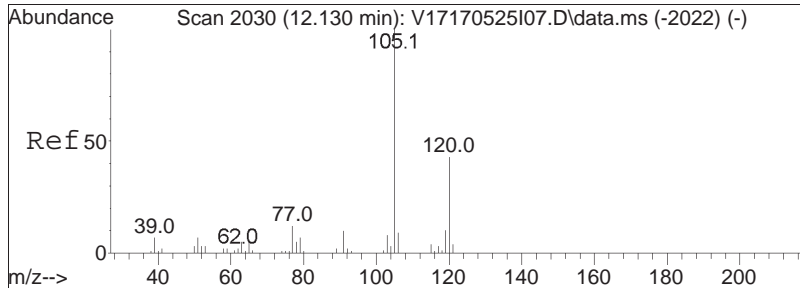




#94
 tert-Butylbenzene
 Concen: 20.45 ug/L
 RT: 12.052 min Scan# 2015
 Delta R.T. -0.005 min
 Lab File: V17170719A01.D
 Acq: 19 Jul 2017 07:03

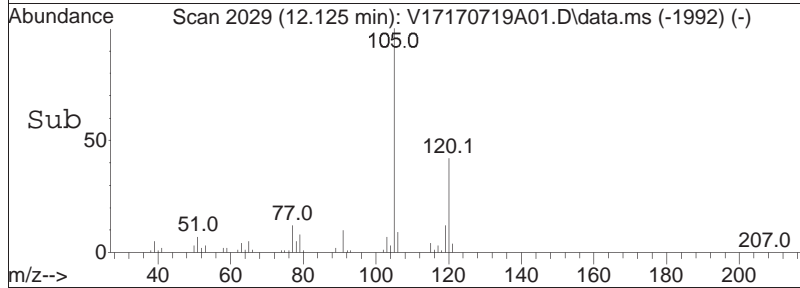
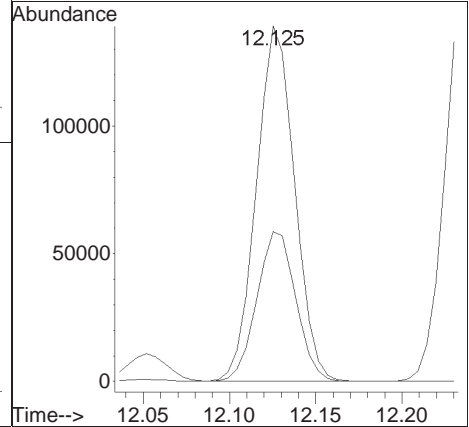
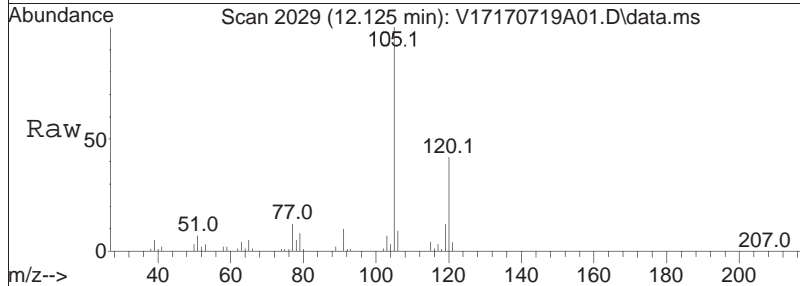
Tgt Ion	Resp	Lower	Upper
119	177636		
91	68.8	52.2	78.2
134	19.6	15.9	23.9

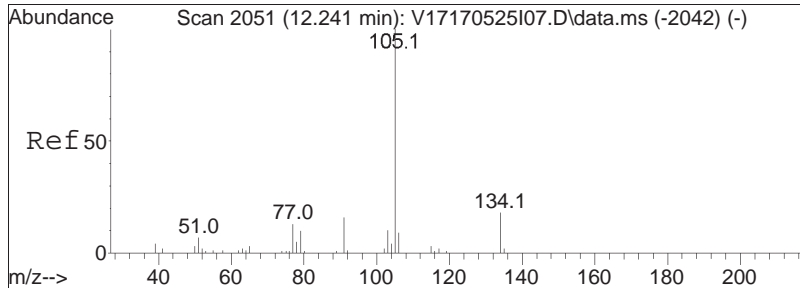




#97
 1,2,4-Trimethylbenzene
 Concen: 20.73 ug/L
 RT: 12.125 min Scan# 2029
 Delta R.T. -0.006 min
 Lab File: V17170719A01.D
 Acq: 19 Jul 2017 07:03

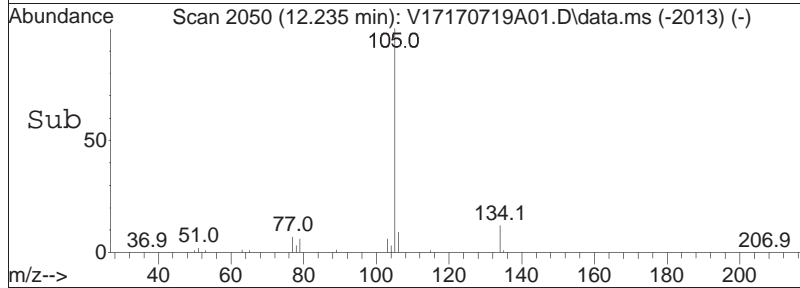
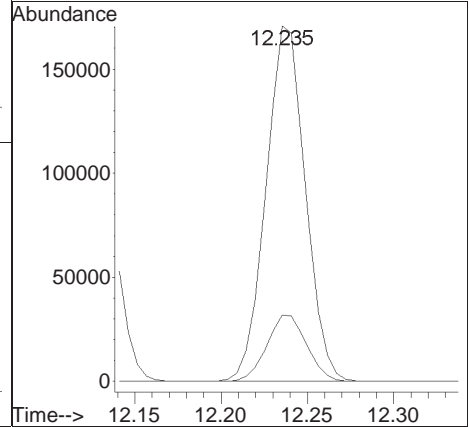
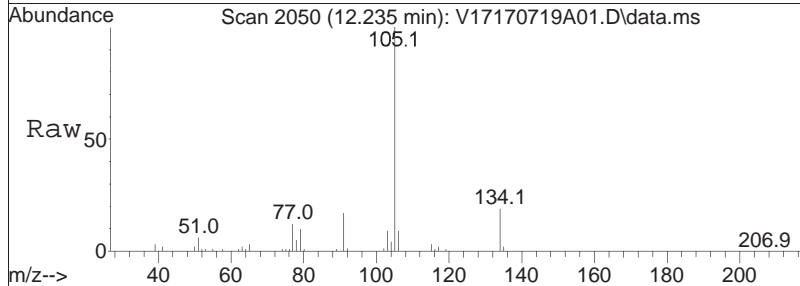
Tgt Ion	Resp	Lower	Upper
105	100		
120	42.9	35.7	53.5

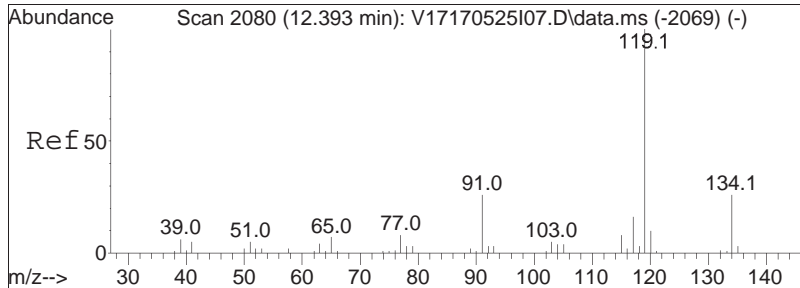




#98
 sec-Butylbenzene
 Concen: 20.51 ug/L
 RT: 12.235 min Scan# 2050
 Delta R.T. -0.006 min
 Lab File: V17170719A01.D
 Acq: 19 Jul 2017 07:03

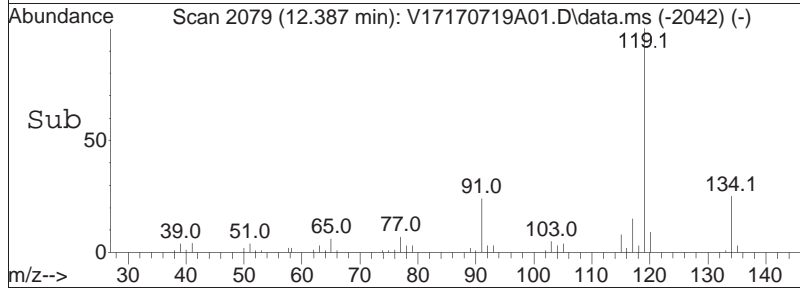
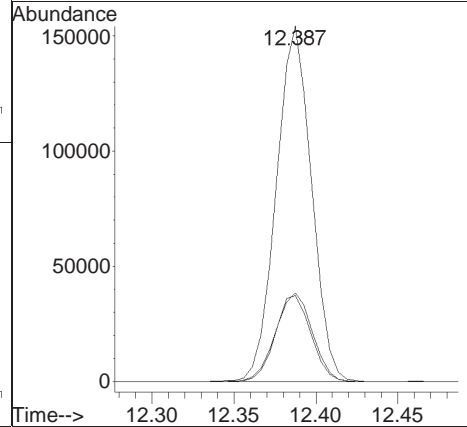
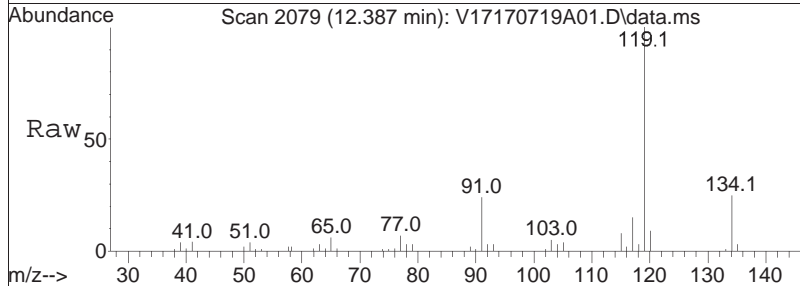
Tgt Ion	Ratio	Lower	Upper
105	100		
134	18.9	12.5	25.9

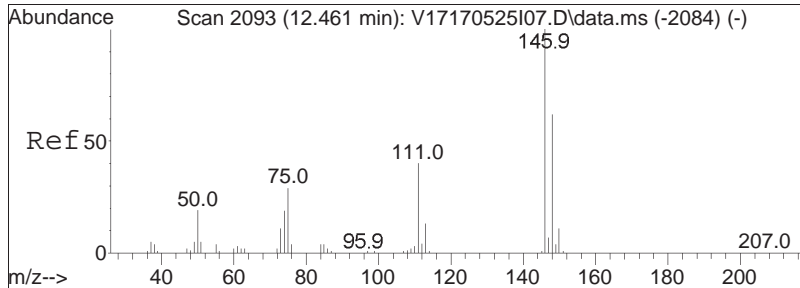




#99
 p-Isopropyltoluene
 Concen: 20.65 ug/L
 RT: 12.387 min Scan# 2079
 Delta R.T. -0.006 min
 Lab File: V17170719A01.D
 Acq: 19 Jul 2017 07:03

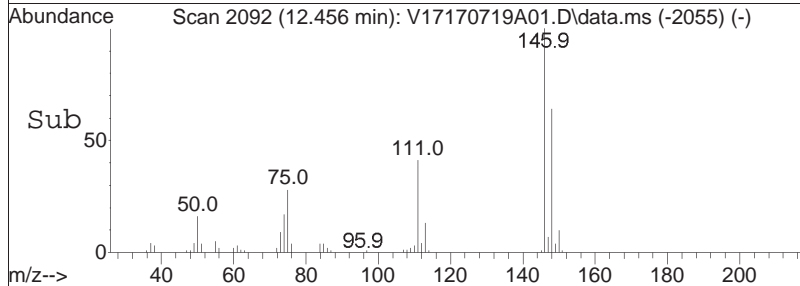
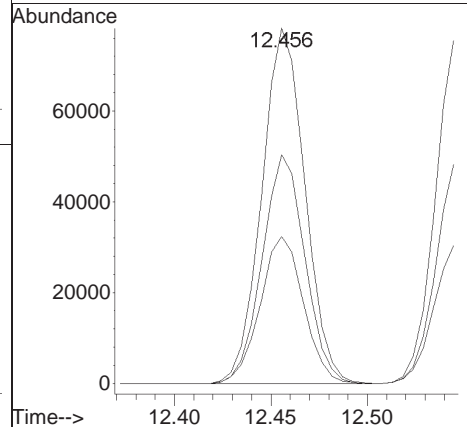
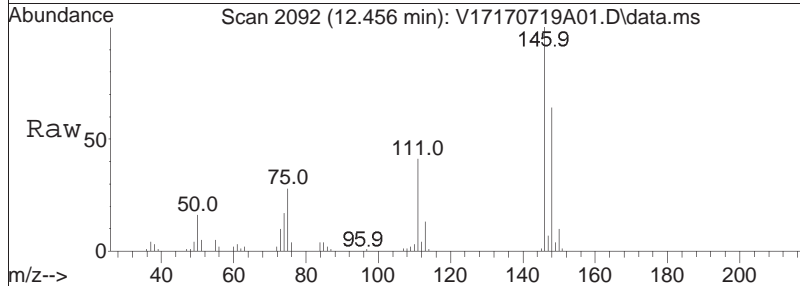
Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.6	17.0	35.2
91	24.8	15.6	32.4

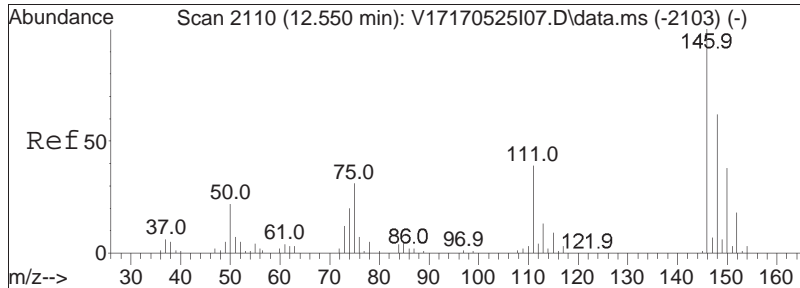




#100
 1,3-Dichlorobenzene
 Concen: 20.15 ug/L
 RT: 12.456 min Scan# 2092
 Delta R.T. -0.005 min
 Lab File: V17170719A01.D
 Acq: 19 Jul 2017 07:03

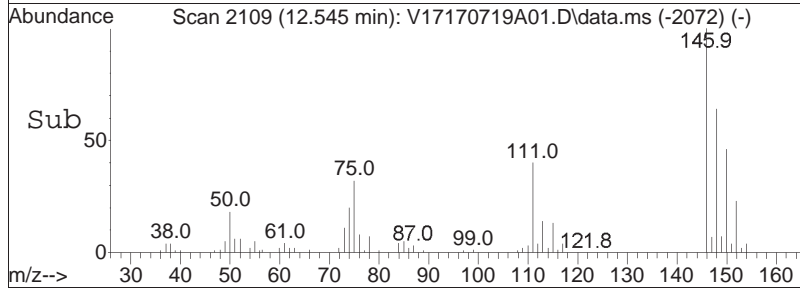
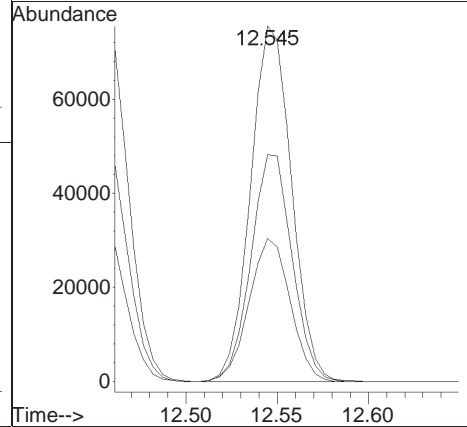
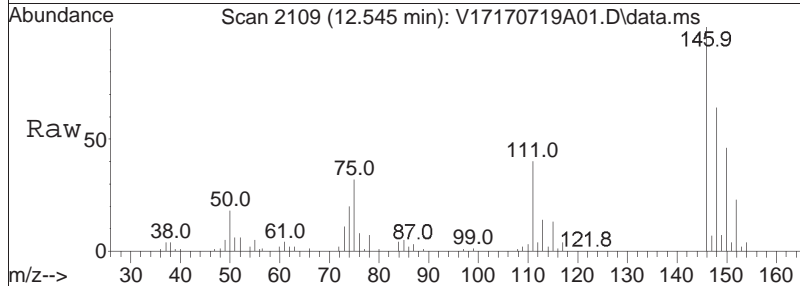
Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.5	25.8	53.6
148	63.7	41.6	86.4

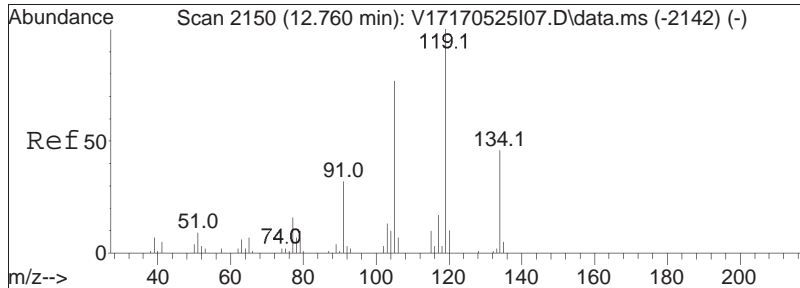




#101
 1,4-Dichlorobenzene
 Concen: 19.89 ug/L
 RT: 12.545 min Scan# 2109
 Delta R.T. -0.005 min
 Lab File: V17170719A01.D
 Acq: 19 Jul 2017 07:03

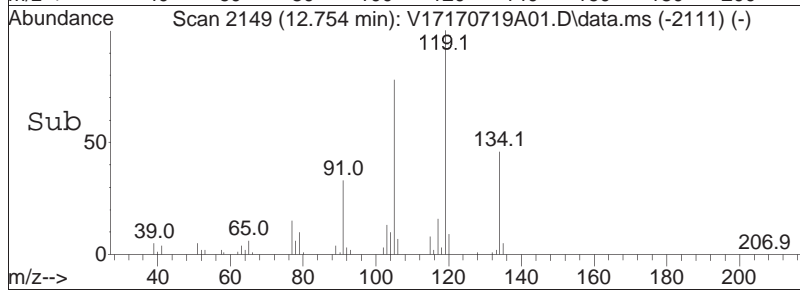
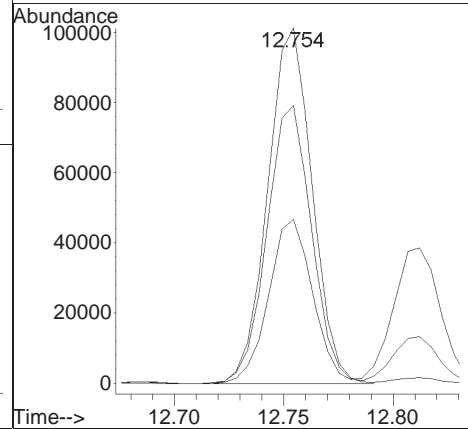
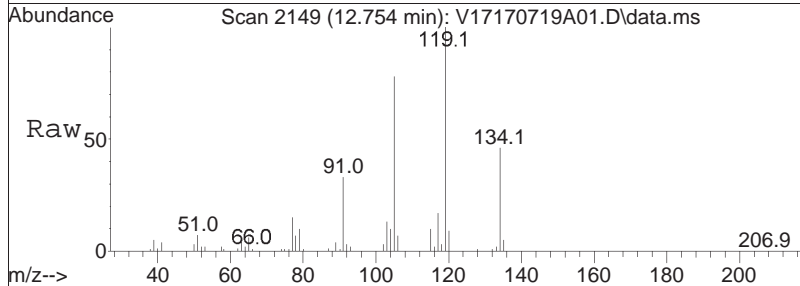
Tgt Ion	Resp	Lower	Upper
146	118217		
146	100		
111	40.3	31.4	47.0
148	64.0	51.7	77.5

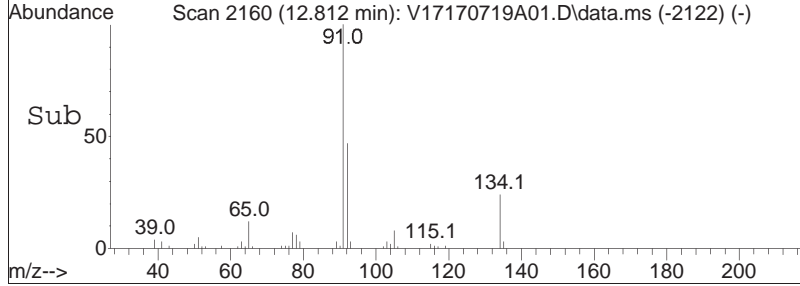
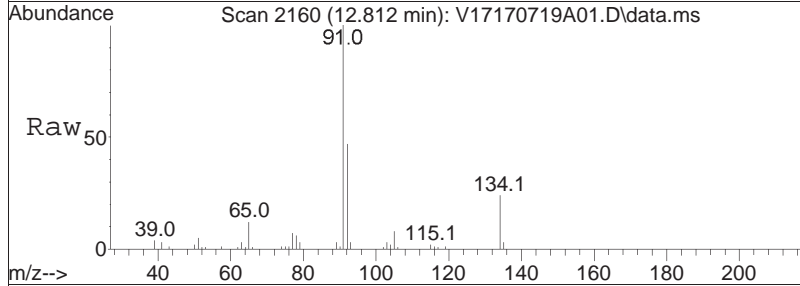
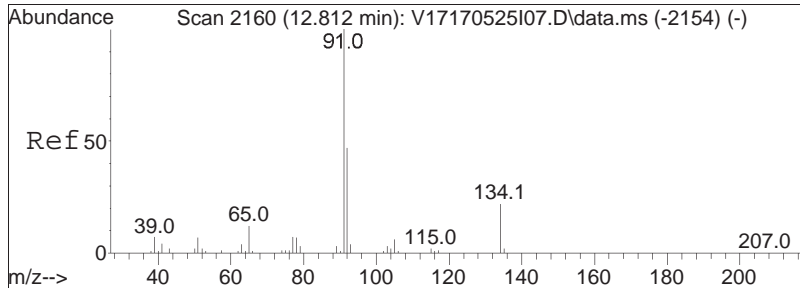




#102
 p-Diethylbenzene
 Concen: 20.90 ug/L
 RT: 12.754 min Scan# 2149
 Delta R.T. -0.001 min
 Lab File: V17170719A01.D
 Acq: 19 Jul 2017 07:03

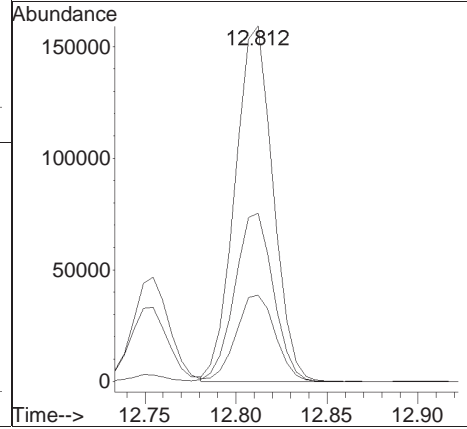
Tgt Ion	Resp	Lower	Upper
119	142953		
119	100		
105	78.9	49.9	103.5
134	45.8	30.6	63.4

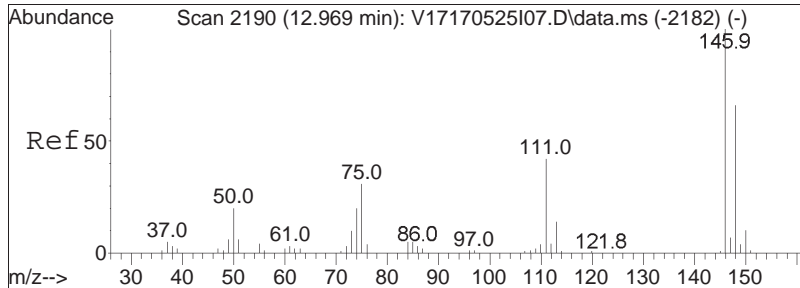




#103
 n-Butylbenzene
 Concen: 20.10 ug/L
 RT: 12.812 min Scan# 2160
 Delta R.T. 0.000 min
 Lab File: V17170719A01.D
 Acq: 19 Jul 2017 07:03

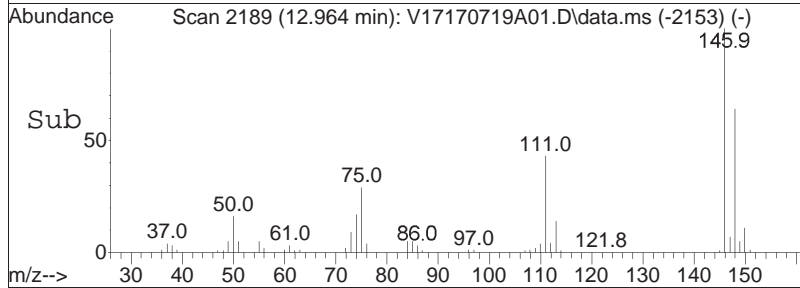
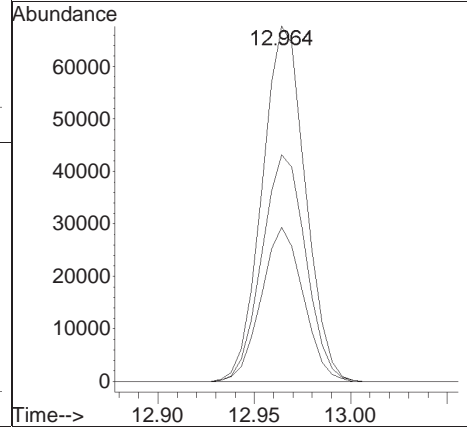
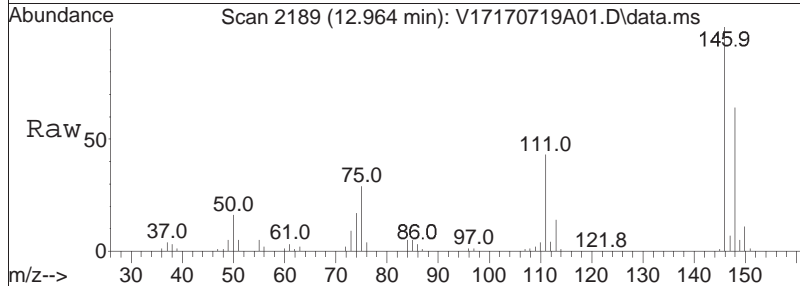
Tgt Ion:	91	Resp:	231450
Ion Ratio	Lower	Upper	
91	100		
92	48.1	39.0	58.4
134	25.0	21.3	31.9

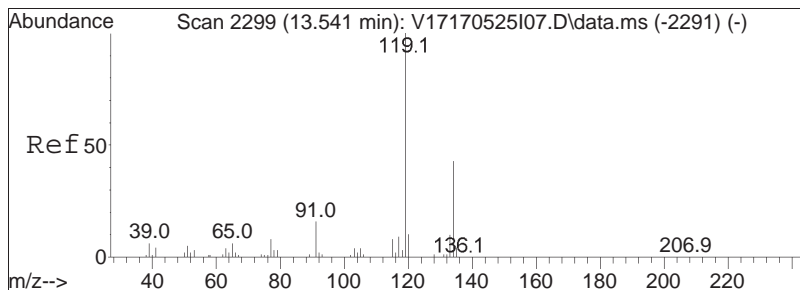




#104
 1,2-Dichlorobenzene
 Concen: 19.61 ug/L
 RT: 12.964 min Scan# 2189
 Delta R.T. -0.011 min
 Lab File: V17170719A01.D
 Acq: 19 Jul 2017 07:03

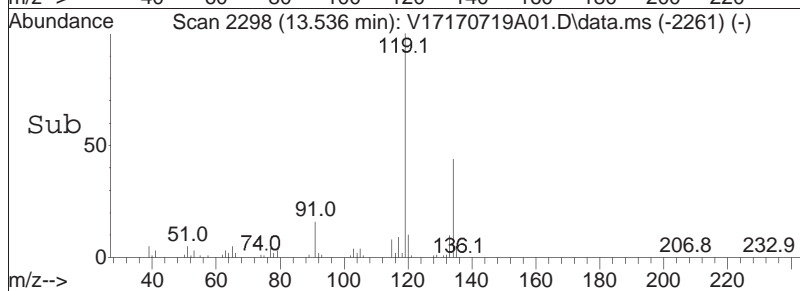
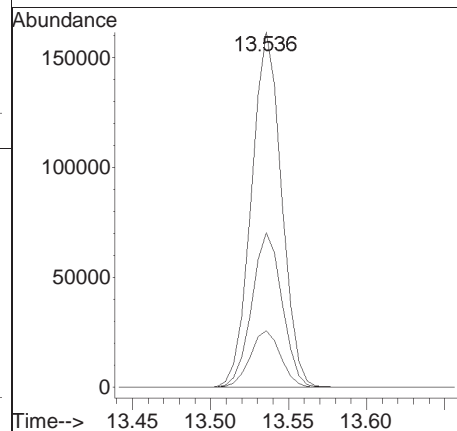
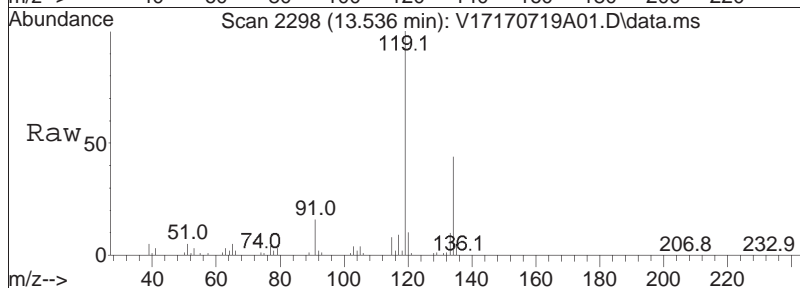
Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.2	26.2	54.4
148	64.8	41.6	86.4

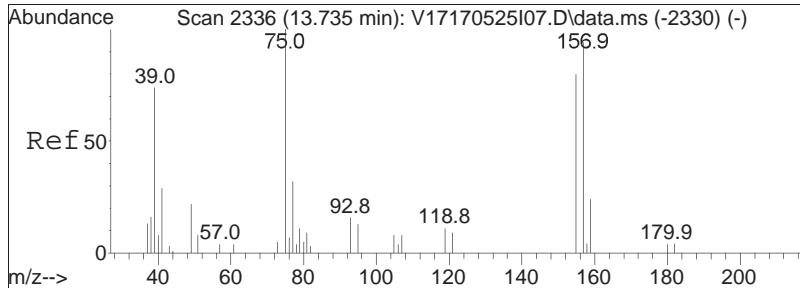




#105
 1,2,4,5-Tetramethylbenzene
 Concen: 21.05 ug/L
 RT: 13.536 min Scan# 2298
 Delta R.T. -0.005 min
 Lab File: V17170719A01.D
 Acq: 19 Jul 2017 07:03

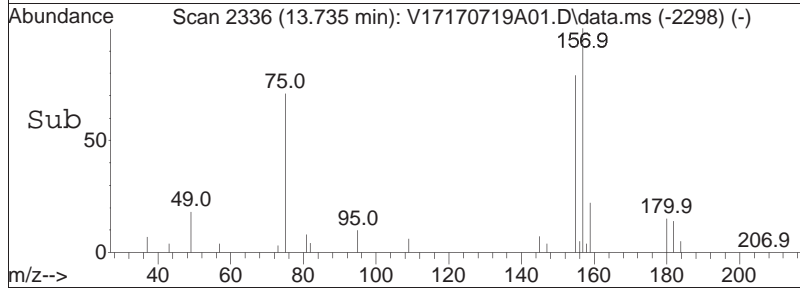
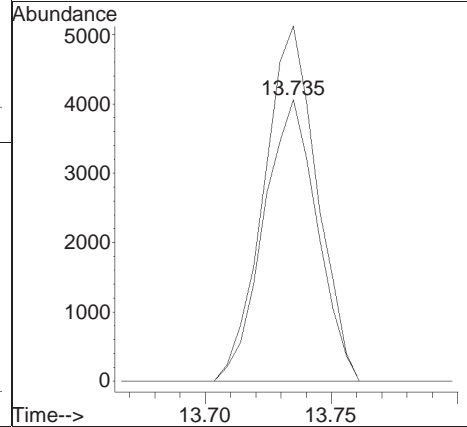
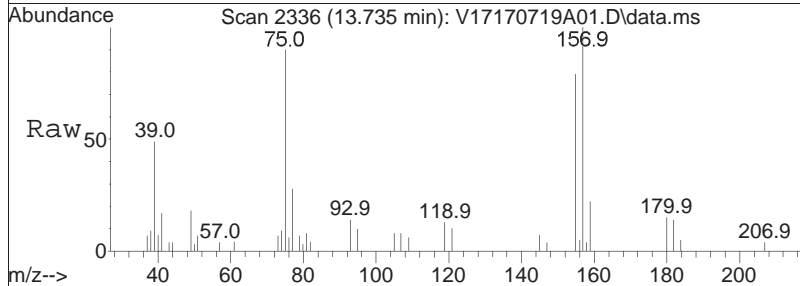
Tgt Ion	Ratio	Lower	Upper
119	100		
134	43.9	29.3	60.8
91	16.2	10.0	20.8

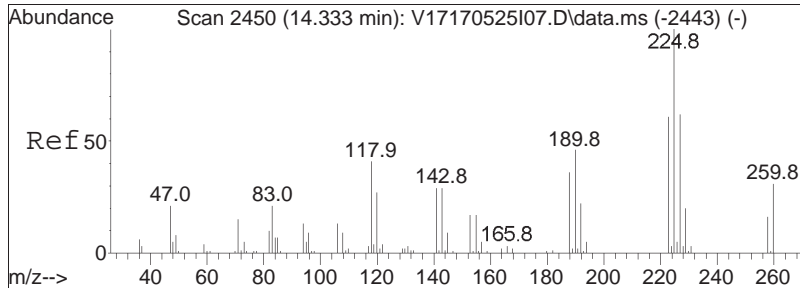




#106
 1,2-Dibromo-3-chloropropane
 Concen: 19.45 ug/L
 RT: 13.735 min Scan# 2336
 Delta R.T. -0.000 min
 Lab File: V17170719A01.D
 Acq: 19 Jul 2017 07:03

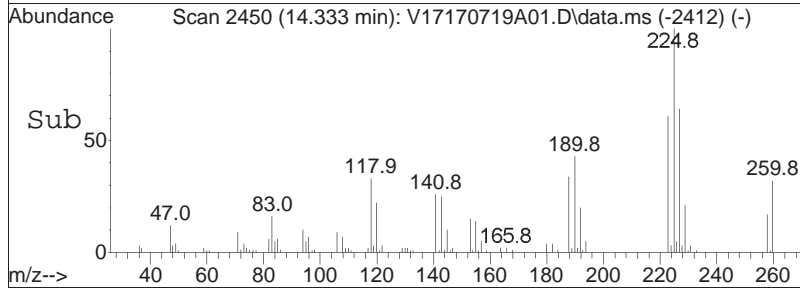
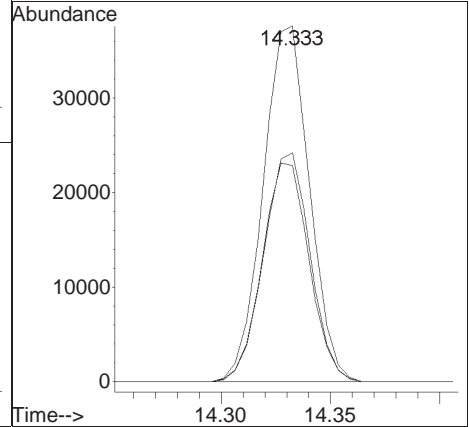
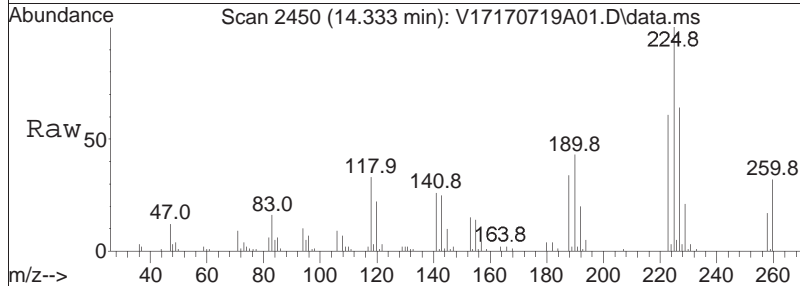
Tgt Ion	Resp	Lower	Upper
155	100		
157	125.3	103.4	155.0

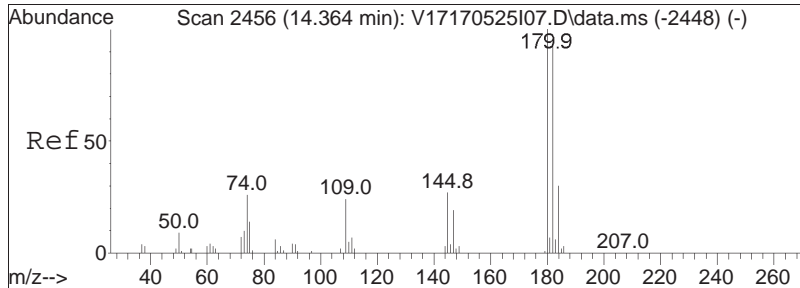




#108
 Hexachlorobutadiene
 Concen: 22.10 ug/L
 RT: 14.333 min Scan# 2450
 Delta R.T. -0.000 min
 Lab File: V17170719A01.D
 Acq: 19 Jul 2017 07:03

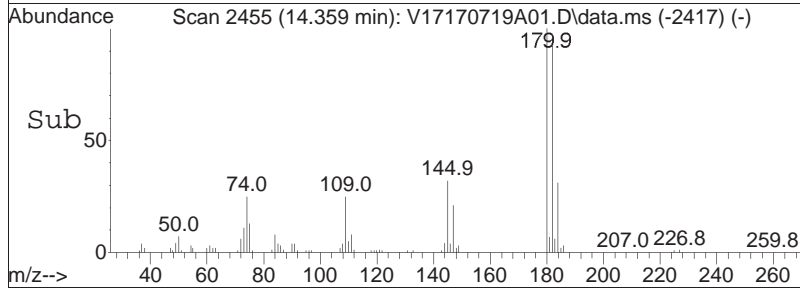
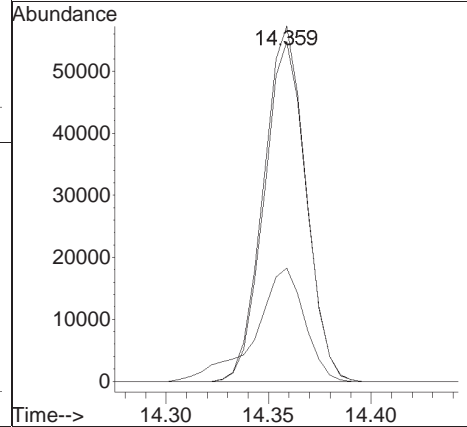
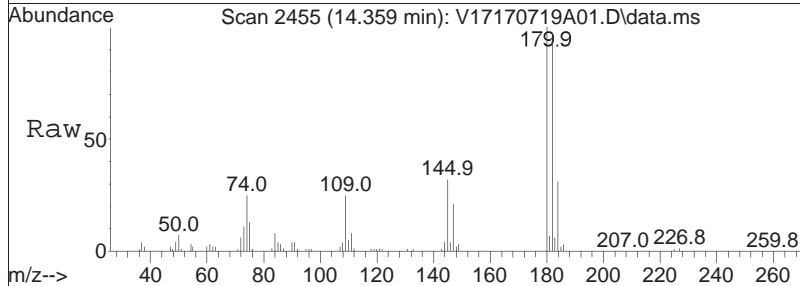
Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	50.2	75.2
227	64.4	51.5	77.3

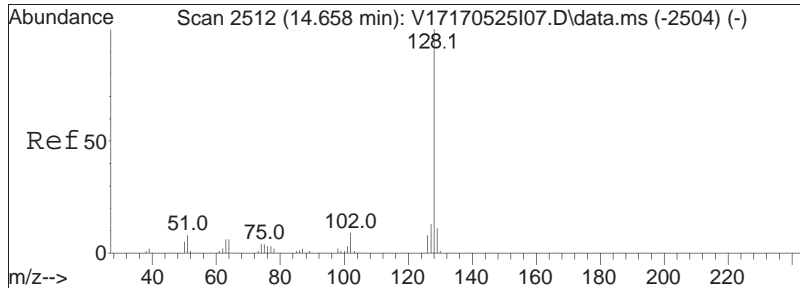




#109
 1,2,4-Trichlorobenzene
 Concen: 20.40 ug/L
 RT: 14.359 min Scan# 2455
 Delta R.T. -0.000 min
 Lab File: V17170719A01.D
 Acq: 19 Jul 2017 07:03

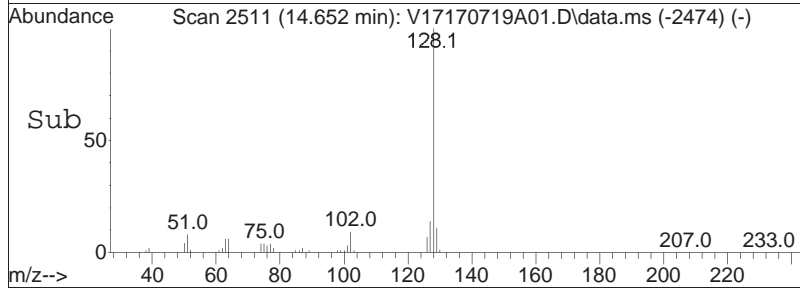
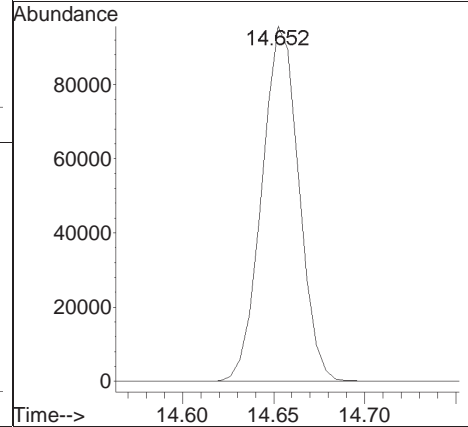
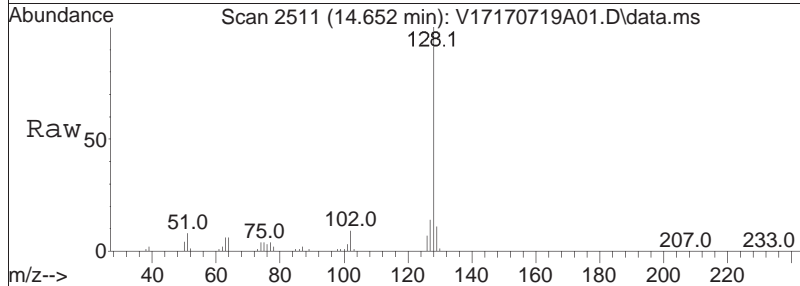
Tgt Ion	Resp	Lower	Upper
180	82132		
180	100		
182	95.2	77.2	115.8
145	37.2	29.0	43.6

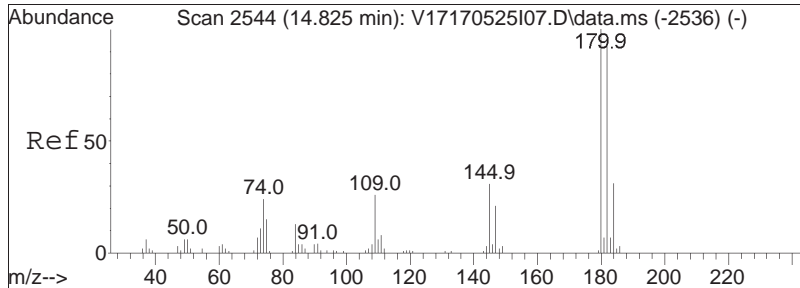




#110
 Naphthalene
 Concen: 19.23 ug/L
 RT: 14.652 min Scan# 2511
 Delta R.T. -0.006 min
 Lab File: V17170719A01.D
 Acq: 19 Jul 2017 07:03

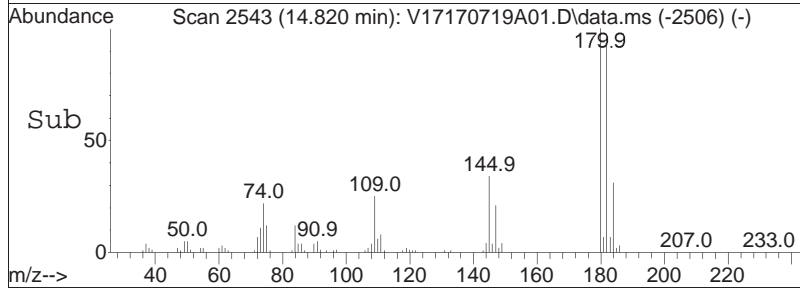
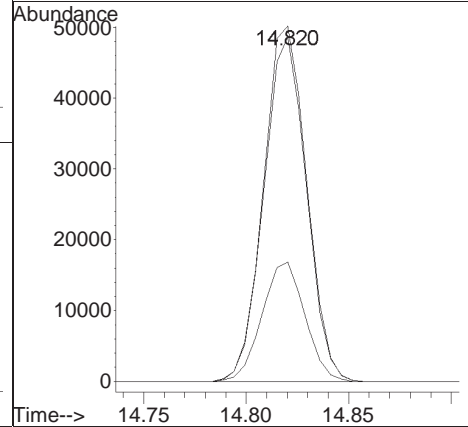
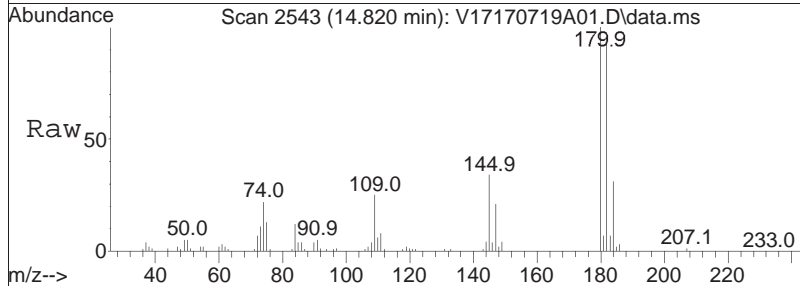
Tgt Ion:128 Resp: 135313





#111
 1,2,3-Trichlorobenzene
 Concen: 20.34 ug/L
 RT: 14.820 min Scan# 2543
 Delta R.T. -0.006 min
 Lab File: V17170719A01.D
 Acq: 19 Jul 2017 07:03

Tgt Ion	Resp	Lower	Upper
180	100		
182	95.4	76.7	115.1
145	33.3	25.8	38.8



Manual Integration Report

Data Path : I:\VOLATILES\VOA117\2017\1QMethod : V117_170525_8260.m
Data File : V17170719A01.D Operator : VOA117:CBN
Date Inj'd : 7/19/2017 7:03 Instrument : VOA 117
Sample : WG1023786-8,31h,15,15,0.1 Quant Date : 7/19/2017 7:41 am

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA104\2017\170714A\
 Data File : V04170714A01.D
 Acq On : 14 Jul 2017 7:42
 Operator : VOA104:MV
 Sample : WG1022759-3,31,5,5
 Misc : WG1022759,ICAL13672
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 14 08:08:48 2017
 Quant Method : I:\VOLATILES\VOA104\2017\170714A\V104_170517_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 18 06:45:13 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA104\2017\170714A\V04170714A01.D
 Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	

Internal Standards							
1) Fluorobenzene	5.917	96	118675	20.000	ug/L	0.00	
Standard Area 1 = 118675			Recovery =	100.00%			
59) Chlorobenzene-d5	9.435	117	108339	20.000	ug/L	0.00	
Standard Area 1 = 108339			Recovery =	100.00%			
79) 1,4-Dichlorobenzene-d4	12.162	152	57619	20.000	ug/L	0.00	
Standard Area 1 = 57619			Recovery =	100.00%			
System Monitoring Compounds							
36) Dibromofluoromethane	5.125	113	34884	20.888	ug/L	0.00	
Spiked Amount 20.000	Range 70 - 130		Recovery =	104.44%			
43) 1,2-Dichloroethane-d4	5.645	65	35537	23.222	ug/L	0.00	
Spiked Amount 20.000	Range 70 - 130		Recovery =	116.11%			
60) Toluene-d8	7.595	98	123804	19.644	ug/L	0.00	
Spiked Amount 20.000	Range 70 - 130		Recovery =	98.22%			
83) 4-Bromofluorobenzene	10.945	95	52182	20.615	ug/L	0.00	
Spiked Amount 20.000	Range 70 - 130		Recovery =	103.07%			
Target Compounds							
							Qvalue
2) Dichlorodifluoromethane	1.628	85	35471	21.561	ug/L		98
3) Chloromethane	1.817	50	57790	21.941	ug/L		98
4) Vinyl chloride	1.880	62	44582	22.967	ug/L		97
5) Bromomethane	2.184	94	24465	20.809	ug/L		96
6) Chloroethane	2.300	64	22449	20.553	ug/L		93
7) Trichlorofluoromethane	2.431	101	61587	24.567	ug/L		100
8) Ethyl ether	2.724	74	16591	19.940	ug/L		84
10) 1,1-Dichloroethene	2.908	96	29709	18.567	ug/L		100
11) Carbon disulfide	2.929	76	139325	19.950	ug/L		99
15) Methylene chloride	3.448	84	37888	19.109	ug/L		95
17) Acetone	3.505	43	10067	25.117	ug/L		91
18) trans-1,2-Dichloroethene	3.600	96	36743	20.380	ug/L		89
20) Methyl tert-butyl ether	3.694	73	67214	13.968	ug/L		94
23) 1,1-Dichloroethane	4.171	63	72324	20.172	ug/L		99
25) Acrylonitrile	4.234	53	11054	20.213	ug/L		95
27) Vinyl acetate	4.407	43	80792	21.237	ug/L		98
28) cis-1,2-Dichloroethene	4.685	96	42168	21.285	ug/L		90
29) 2,2-Dichloropropane	4.779	77	61645	23.435	ug/L		100
30) Bromochloromethane	4.874	128	19842	19.948	ug/L		98
32) Chloroform	4.947	83	72362	22.267	ug/L		100

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA104\2017\170714A\
 Data File : V04170714A01.D
 Acq On : 14 Jul 2017 7:42
 Operator : VOA104:MV
 Sample : WG1022759-3,31,5,5
 Misc : WG1022759,ICAL13672
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 14 08:08:48 2017
 Quant Method : I:\VOLATILES\VOA104\2017\170714A\V104_170517_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 18 06:45:13 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA104\2017\170714A\V04170714A01.D
 Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Carbon tetrachloride	5.068	117	61632	25.991	ug/L	99
37) 1,1,1-Trichloroethane	5.131	97	68276	24.708	ug/L	95
39) 2-Butanone	5.246	43	14290	20.540	ug/L	96
40) 1,1-Dichloropropene	5.257	75	51294	22.545	ug/L	99
41) Benzene	5.498	78	148109	21.786	ug/L	98
44) 1,2-Dichloroethane	5.713	62	59346	24.064	ug/L	99
48) Trichloroethene	6.090	95	42297	22.904	ug/L	98
50) Dibromomethane	6.541	93	23144	21.207	ug/L	96
51) 1,2-Dichloropropane	6.641	63	43810	22.218	ug/L #	94
54) Bromodichloromethane	6.714	83	56253	23.178	ug/L	99
57) 1,4-Dioxane	6.929	88	17520	1140.621	ug/L	95
58) cis-1,3-Dichloropropene	7.396	75	60862	20.617	ug/L	94
61) Toluene	7.653	92	94425	20.052	ug/L	99
62) 4-Methyl-2-pentanone	8.098	58	13476	19.339	ug/L	82
63) Tetrachloroethene	8.093	166	47666	20.717	ug/L	96
65) trans-1,3-Dichloropropene	8.151	75	53676	19.805	ug/L	94
68) 1,1,2-Trichloroethane	8.334	83	26026	18.372	ug/L	97
69) Chlorodibromomethane	8.539	129	44914	19.782	ug/L	99
70) 1,3-Dichloropropane	8.654	76	52455	19.136	ug/L	100
71) 1,2-Dibromoethane	8.817	107	34542	18.917	ug/L	100
72) 2-Hexanone	9.110	43	22971	20.109	ug/L	91
73) Chlorobenzene	9.456	112	110267	19.102	ug/L	99
74) Ethylbenzene	9.488	91	178926	19.766	ug/L	100
75) 1,1,1,2-Tetrachloroethane	9.545	131	42886	19.664	ug/L	99
76) p/m Xylene	9.676	106	145273	39.631	ug/L	97
77) o Xylene	10.222	106	134864	38.598	ug/L	99
78) Styrene	10.295	104	223359	38.279	ug/L	98
80) Bromoform	10.327	173	25863	17.587	ug/L	98
82) Isopropylbenzene	10.610	105	187178	19.678	ug/L	98
84) Bromobenzene	11.055	156	48062	18.334	ug/L	99
85) n-Propylbenzene	11.097	91	204034	19.330	ug/L	100
87) 1,1,2,2-Tetrachloroethane	11.197	83	35380	16.649	ug/L	100
88) 4-Ethyltoluene	11.223	105	186323	20.326	ug/L	99
89) 2-Chlorotoluene	11.270	91	121172	18.894	ug/L	99
90) 1,3,5-Trimethylbenzene	11.323	105	157405	19.758	ug/L	98
91) 1,2,3-Trichloropropane	11.339	75	27999	17.911	ug/L	94
92) trans-1,4-Dichloro-2-b...	11.396	53	10814	18.470	ug/L	89
93) 4-Chlorotoluene	11.454	91	124558	19.286	ug/L	100
94) tert-Butylbenzene	11.664	119	133501	19.941	ug/L	97

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA104\2017\170714A\
 Data File : V04170714A01.D
 Acq On : 14 Jul 2017 7:42
 Operator : VOA104:MV
 Sample : WG1022759-3,31,5,5
 Misc : WG1022759,ICAL13672
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 14 08:08:48 2017
 Quant Method : I:\VOLATILES\VOA104\2017\170714A\V104_170517_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 18 06:45:13 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA104\2017\170714A\V04170714A01.D
 Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97) 1,2,4-Trimethylbenzene	11.742	105	157582	19.798	ug/L	97
98) sec-Butylbenzene	11.852	105	198489	19.954	ug/L	98
99) p-Isopropyltoluene	12.010	119	169360	19.786	ug/L	97
100) 1,3-Dichlorobenzene	12.083	146	89043	18.563	ug/L	99
101) 1,4-Dichlorobenzene	12.177	146	89296	18.272	ug/L	99
102) p-Diethylbenzene	12.382	119	102487	20.433	ug/L	99
103) n-Butylbenzene	12.445	91	151128	20.250	ug/L	97
104) 1,2-Dichlorobenzene	12.602	146	83226	18.652	ug/L	98
105) 1,2,4,5-Tetramethylben...	13.179	119	164862	20.077	ug/L	96
106) 1,2-Dibromo-3-chloropr...	13.389	155	6106	16.698	ug/L	100
108) Hexachlorobutadiene	13.981	225	33225	19.903	ug/L	99
109) 1,2,4-Trichlorobenzene	14.012	180	60393	18.327	ug/L	99
110) Naphthalene	14.306	128	120089	16.950	ug/L	100
111) 1,2,3-Trichlorobenzene	14.474	180	54352	17.805	ug/L	98

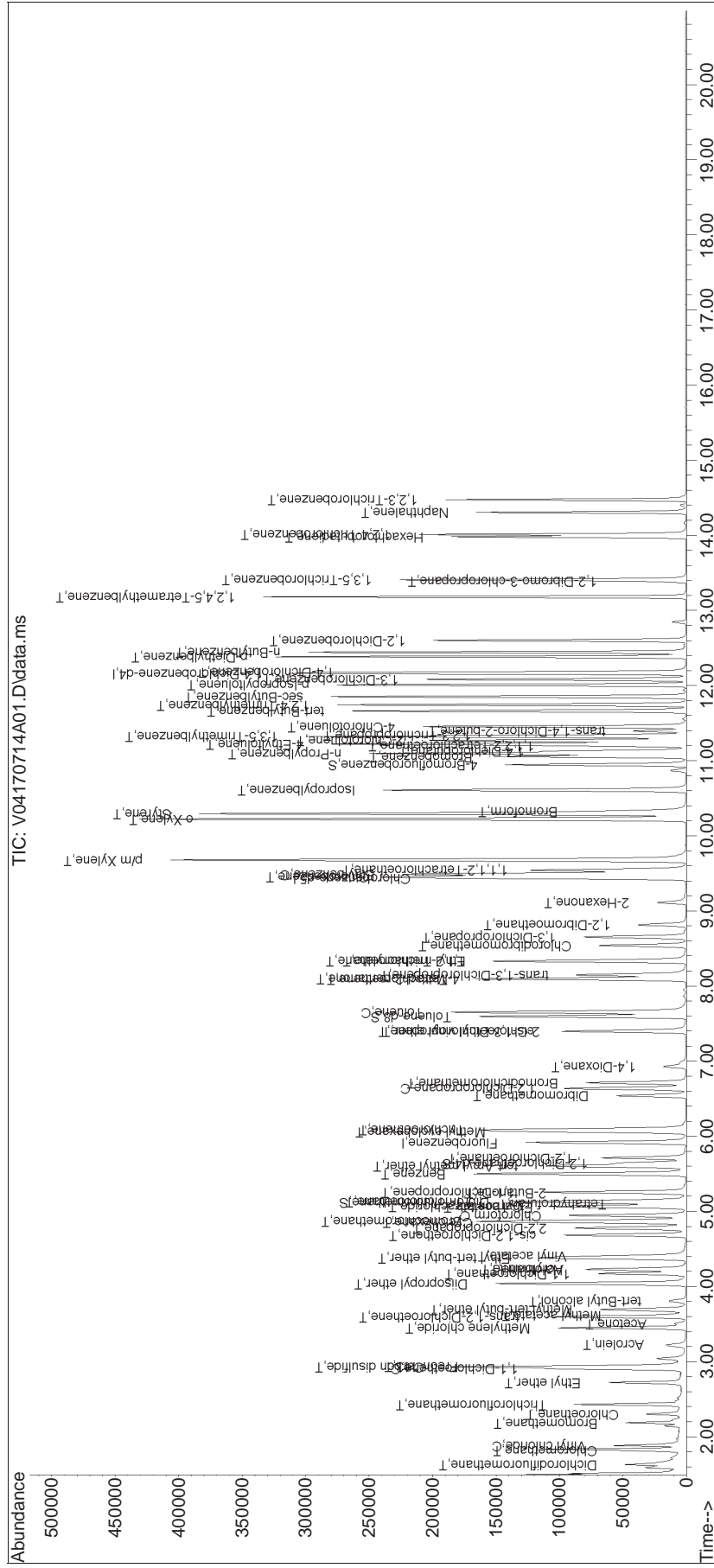
(#) = qualifier out of range (m) = manual integration (+) = signals summed

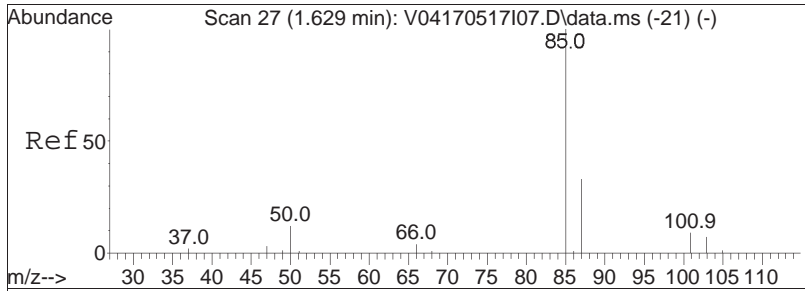
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA104\2017\170714A\
 Data File : V04170714A01.D
 Acq On : 14 Jul 2017 7:42
 Operator : VOA104:MV
 Sample : WG1022759-3,31,5,5
 Misc : WG1022759,ICAL13672
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 14 08:08:48 2017
 Quant Method : I:\VOLATILES\VOA104\2017\170714A\V104_170517_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 18 06:45:13 2017
 Response via : Initial Calibration

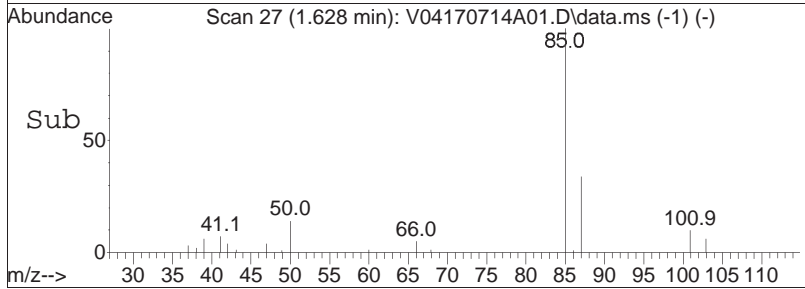
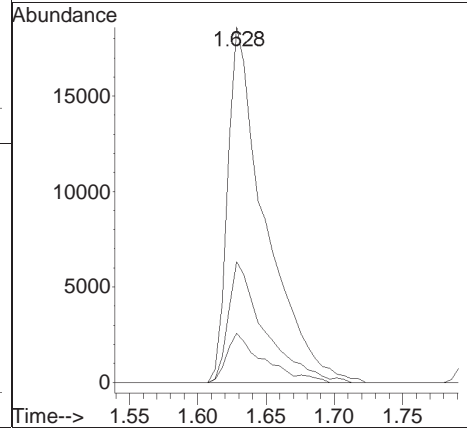
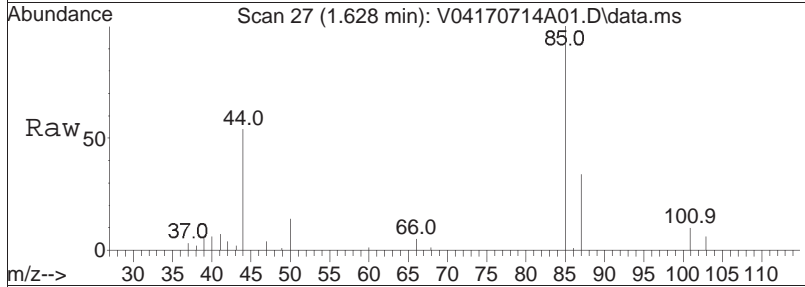
Sub List : 8260-CurveSoil - Megamix plus Diox4A\V04170714A01.D•

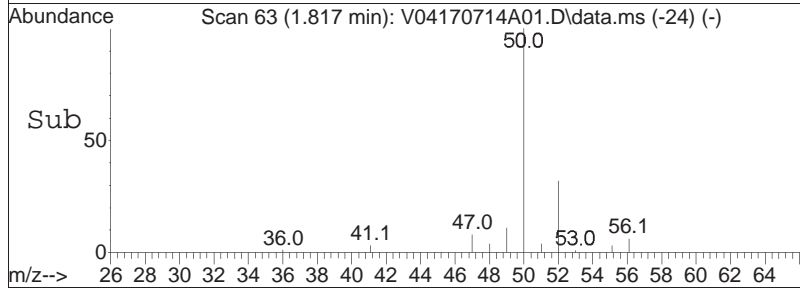
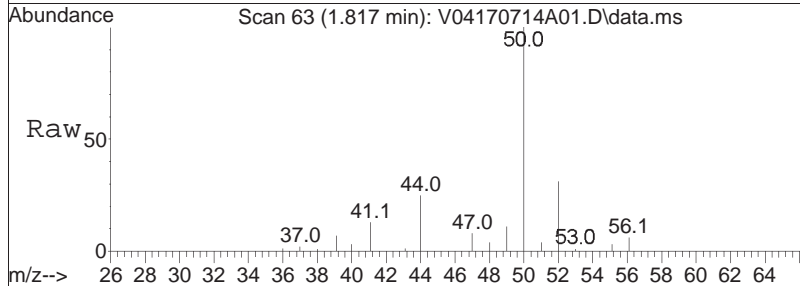
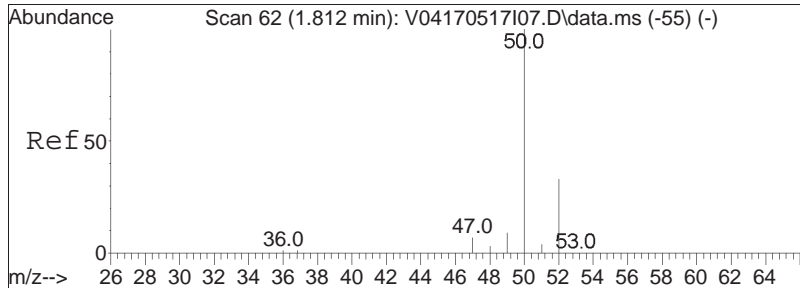




#2
 Dichlorodifluoromethane
 Concen: 21.56 ug/L
 RT: 1.628 min Scan# 27
 Delta R.T. -0.001 min
 Lab File: V04170714A01.D
 Acq: 14 Jul 2017 7:42

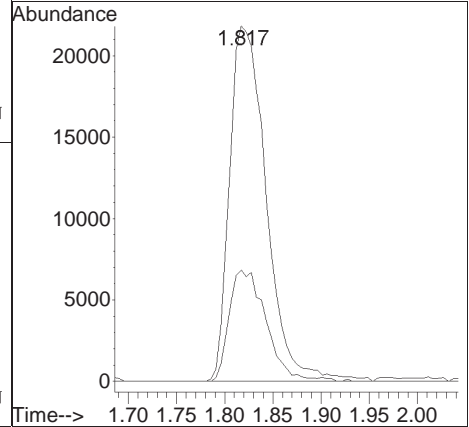
Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.9	20.9	43.5
50	13.7	9.6	20.0

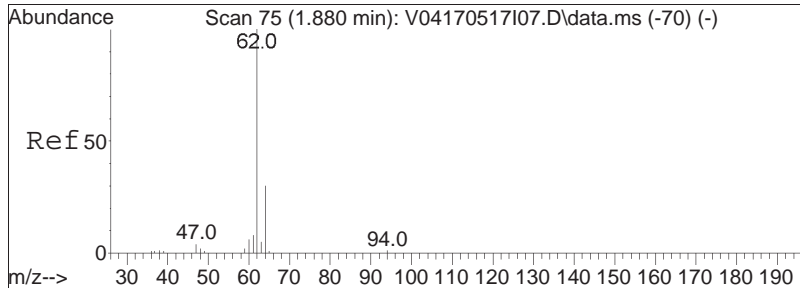




#3
 Chloromethane
 Concen: 21.94 ug/L
 RT: 1.817 min Scan# 63
 Delta R.T. 0.005 min
 Lab File: V04170714A01.D
 Acq: 14 Jul 2017 7:42

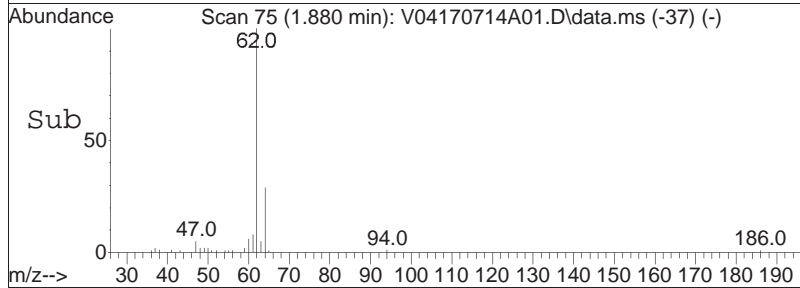
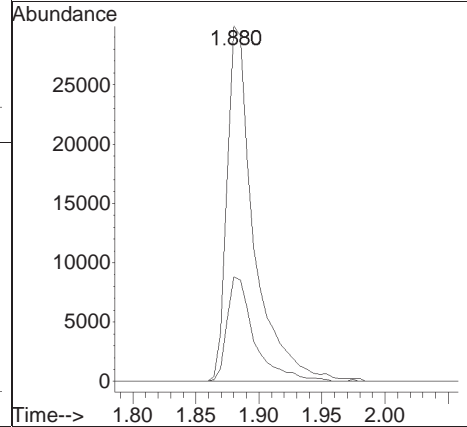
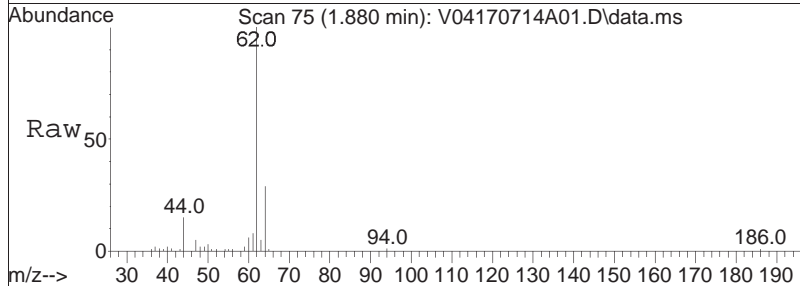
Tgt Ion:	50	Resp:	57790
Ion Ratio	100	Lower	Upper
	52	31.6	12.7 52.7

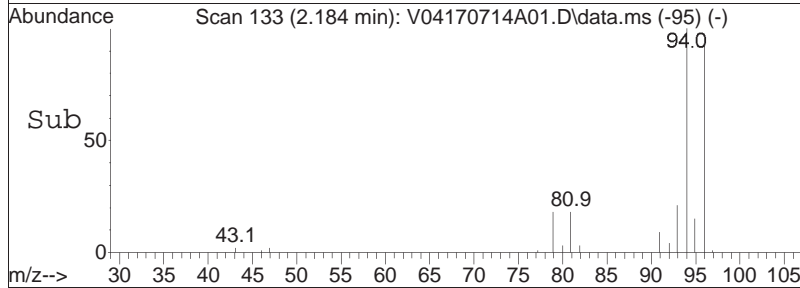
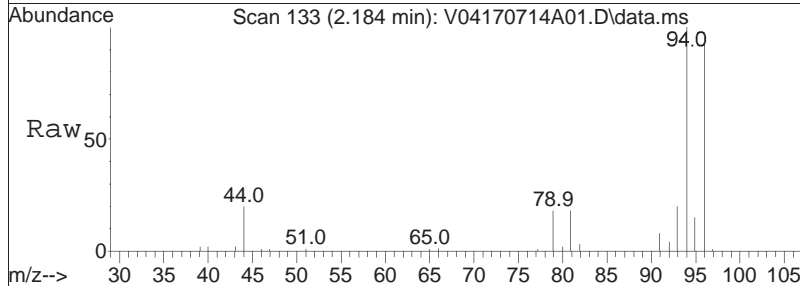
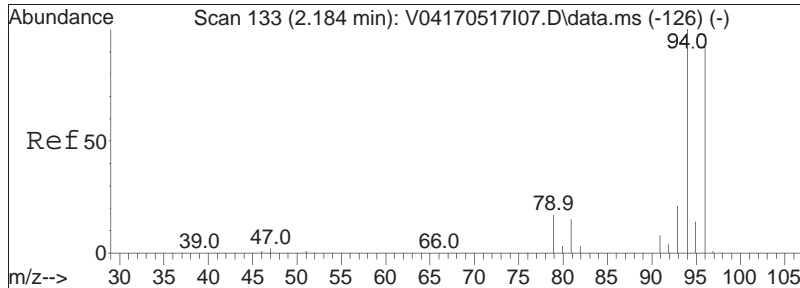




#4
 Vinyl chloride
 Concen: 22.97 ug/L
 RT: 1.880 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: V04170714A01.D
 Acq: 14 Jul 2017 7:42

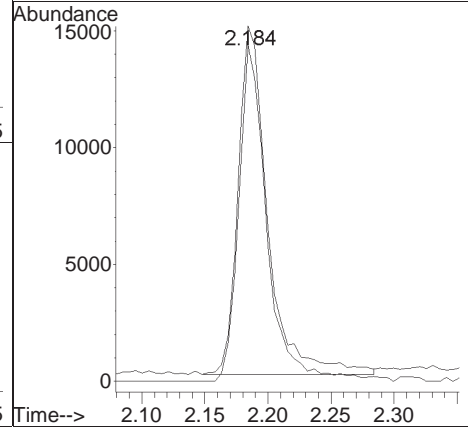
Tgt Ion:	Resp:	Lower	Upper
62	100		
64	30.0	11.5	51.5

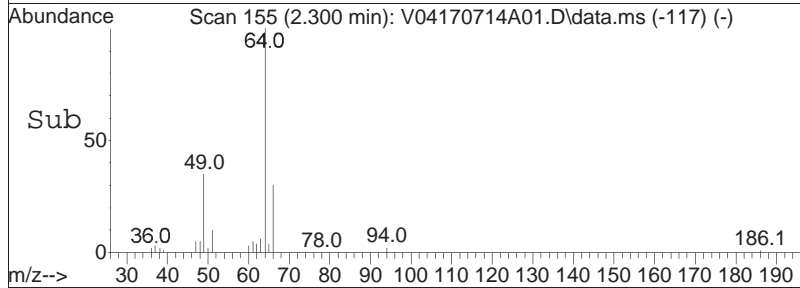
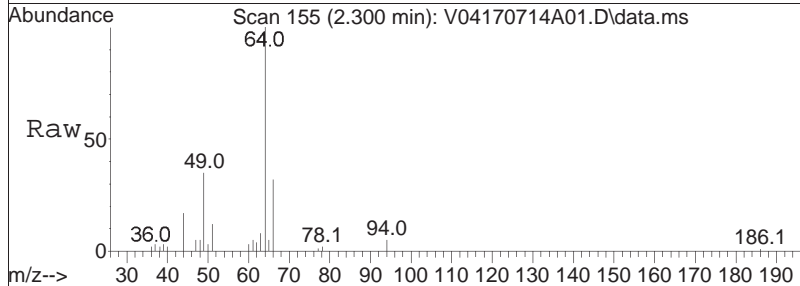
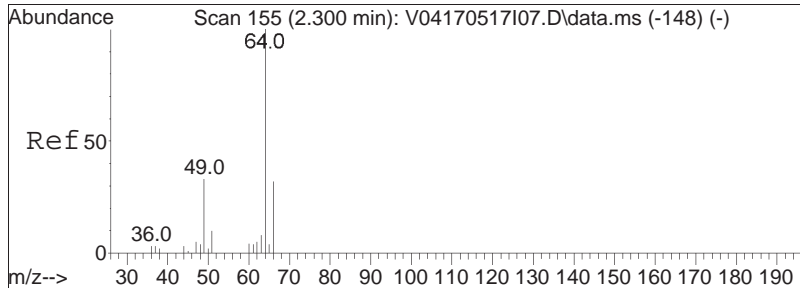




#5
 Bromomethane
 Concen: 20.81 ug/L
 RT: 2.184 min Scan# 133
 Delta R.T. 0.000 min
 Lab File: V04170714A01.D
 Acq: 14 Jul 2017 7:42

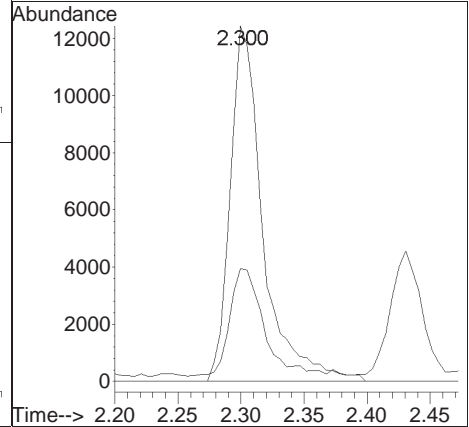
Tgt Ion:	94	96	Resp:	24465
Ion Ratio	100	91.3	Lower	Upper
			74.7	114.7

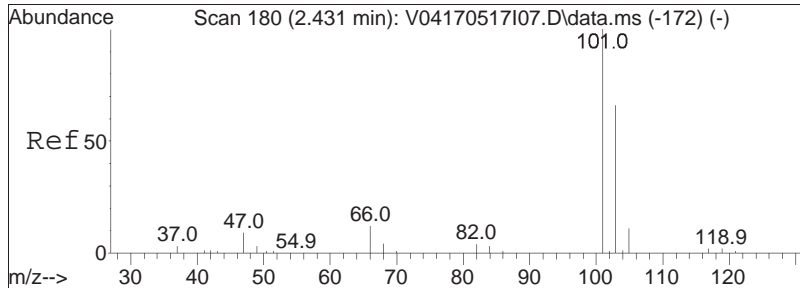




#6
 Chloroethane
 Concen: 20.55 ug/L
 RT: 2.300 min Scan# 155
 Delta R.T. -0.000 min
 Lab File: V04170714A01.D
 Acq: 14 Jul 2017 7:42

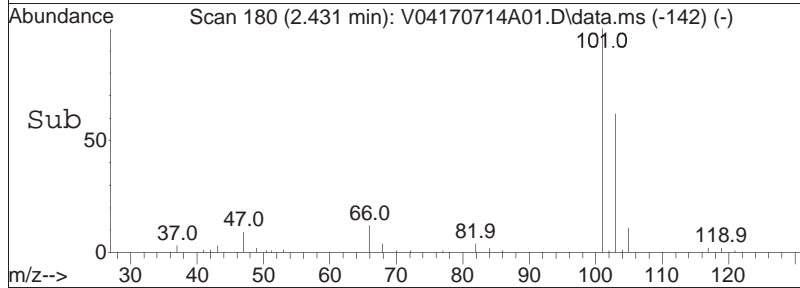
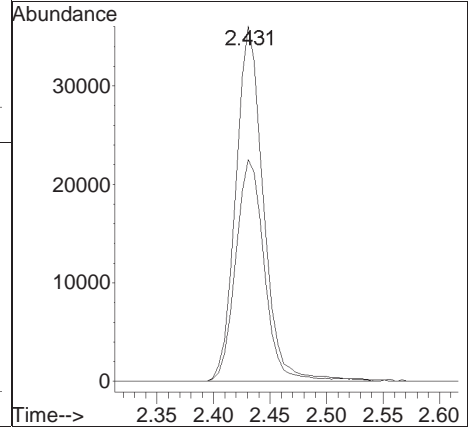
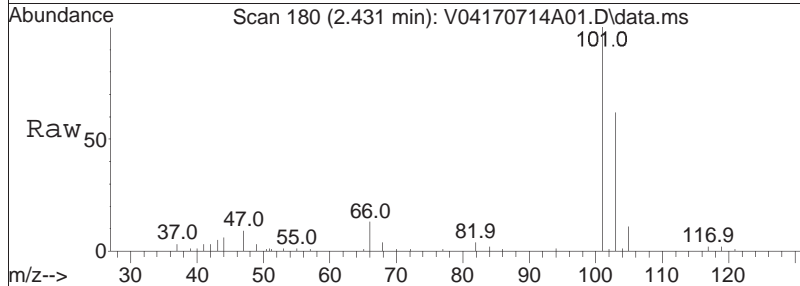
Tgt Ion:	64	Resp:	22449
Ion Ratio	100	Lower	Upper
66	30.8	14.8	54.8

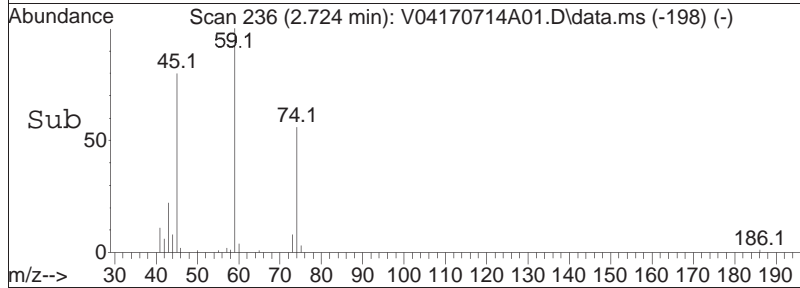
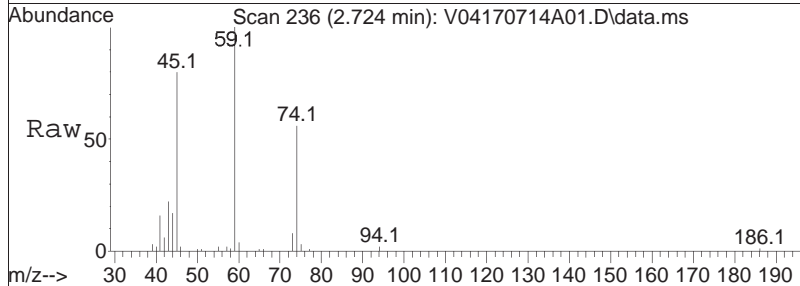
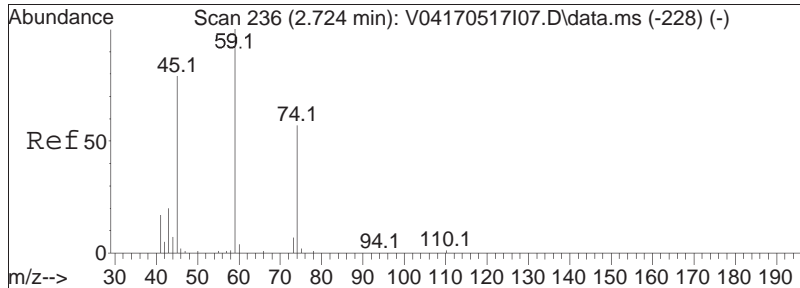




#7
 Trichlorofluoromethane
 Concen: 24.57 ug/L
 RT: 2.431 min Scan# 180
 Delta R.T. -0.000 min
 Lab File: V04170714A01.D
 Acq: 14 Jul 2017 7:42

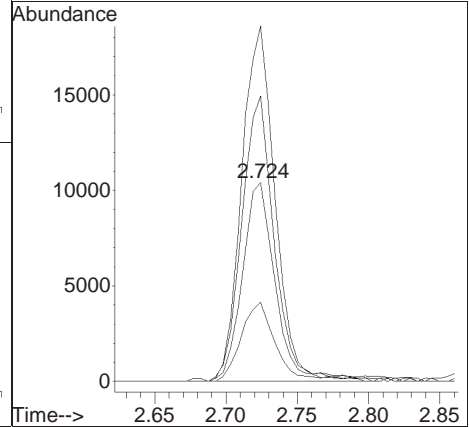
Tgt Ion: 101 Resp: 61587
 Ion Ratio Lower Upper
 101 100
 103 64.9 52.0 78.0

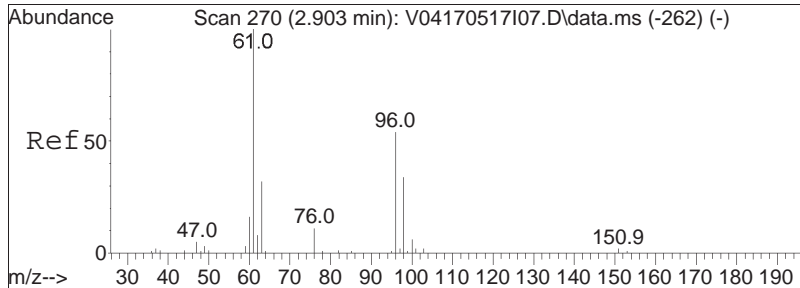




#8
 Ethyl ether
 Concen: 19.94 ug/L
 RT: 2.724 min Scan# 236
 Delta R.T. 0.000 min
 Lab File: V04170714A01.D
 Acq: 14 Jul 2017 7:42

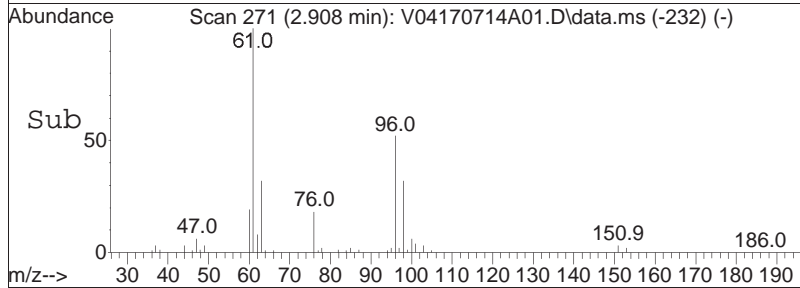
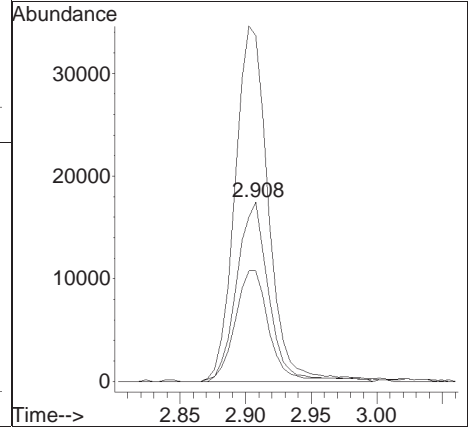
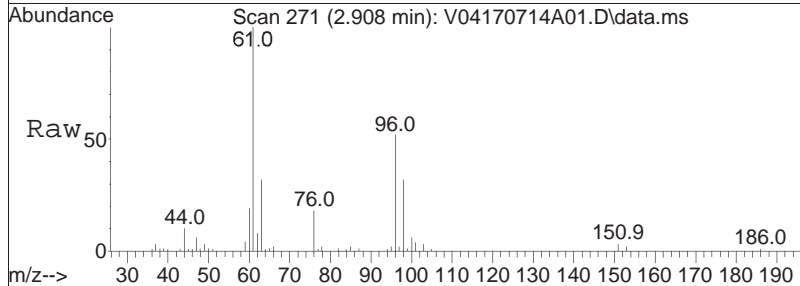
Tgt Ion:	Resp:		
Ion	Ratio	Lower	Upper
74	100		
59	183.6	113.7	236.1
45	144.2	72.8	151.2
43	42.2	21.2	44.0

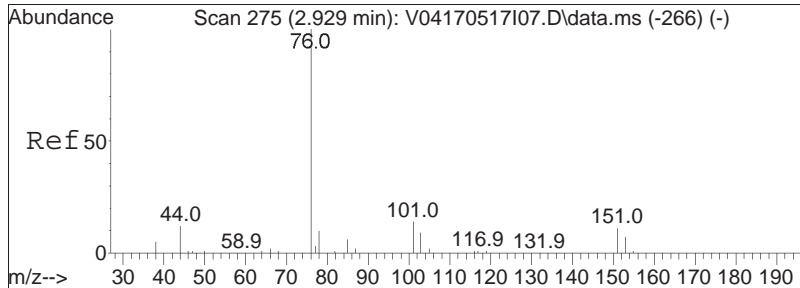




#10
 1,1-Dichloroethene
 Concen: 18.57 ug/L
 RT: 2.908 min Scan# 271
 Delta R.T. 0.005 min
 Lab File: V04170714A01.D
 Acq: 14 Jul 2017 7:42

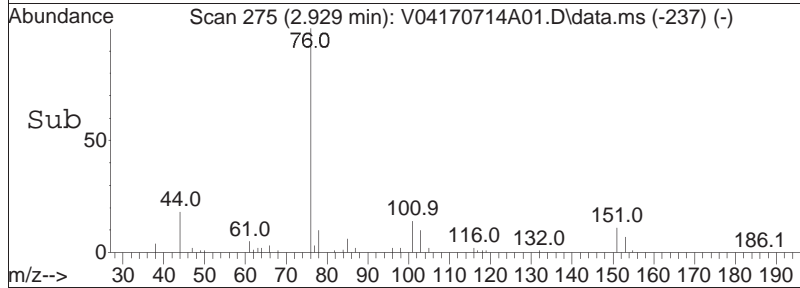
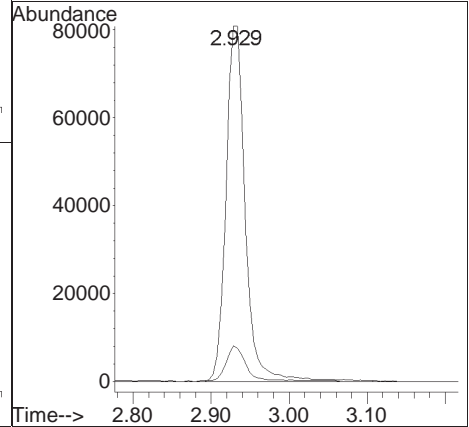
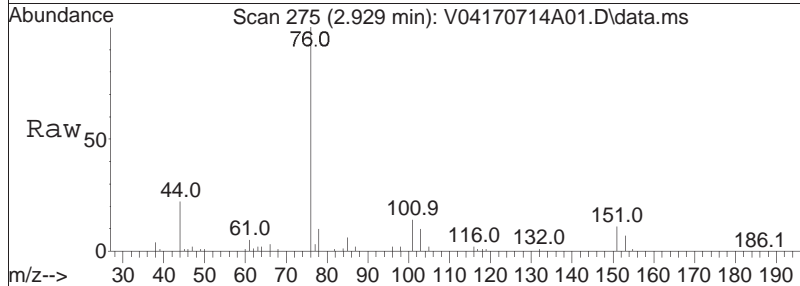
Tgt Ion:	96	Resp:	29709
Ion Ratio	Lower	Upper	
96	100		
61	206.7	165.8	248.8
63	64.7	52.0	78.0

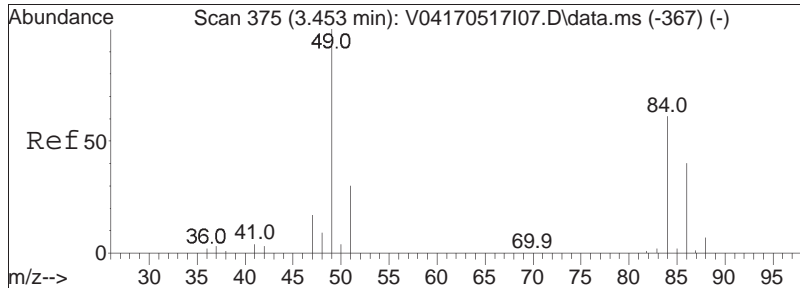




#11
 Carbon disulfide
 Concen: 19.95 ug/L
 RT: 2.929 min Scan# 275
 Delta R.T. -0.000 min
 Lab File: V04170714A01.D
 Acq: 14 Jul 2017 7:42

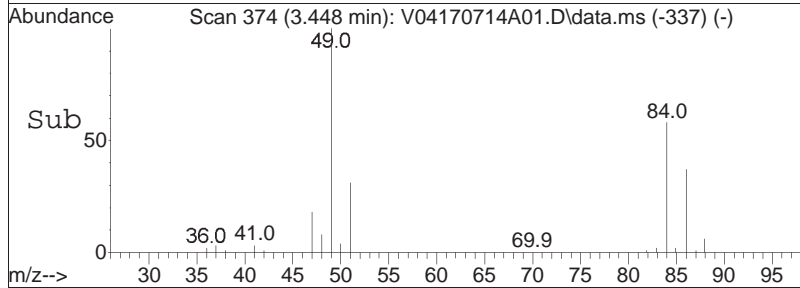
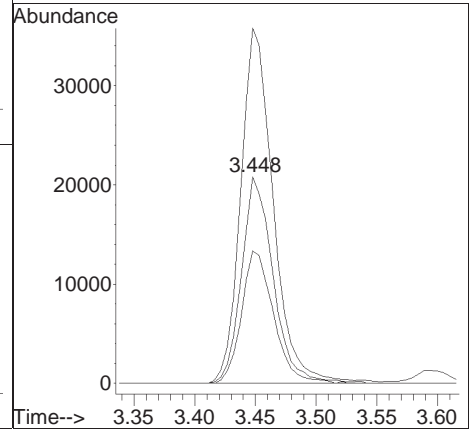
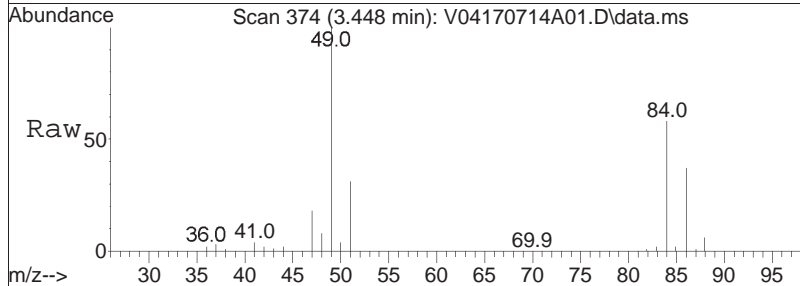
Tgt Ion	Resp	Lower	Upper
76	139325		
78	10.3	6.5	13.5

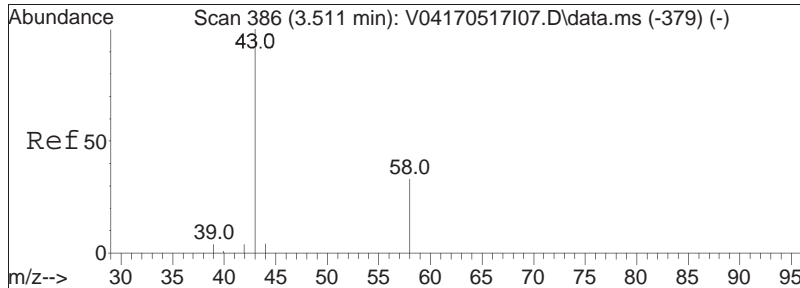




#15
 Methylene chloride
 Concen: 19.11 ug/L
 RT: 3.448 min Scan# 374
 Delta R.T. -0.005 min
 Lab File: V04170714A01.D
 Acq: 14 Jul 2017 7:42

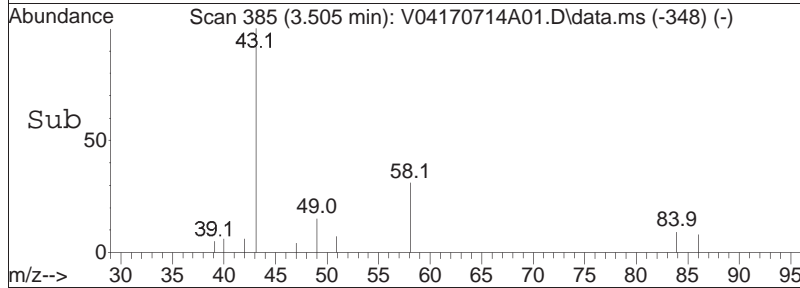
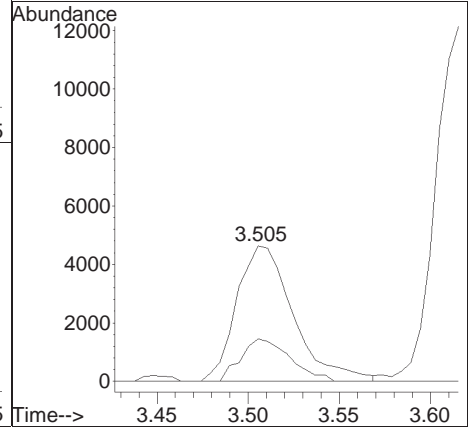
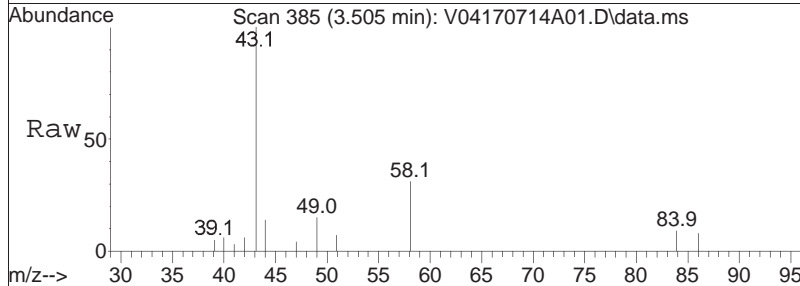
Tgt Ion:	Resp:		
Ion	Ratio	Lower	Upper
84	100		
86	64.8	41.3	85.9
49	176.2	109.1	226.7

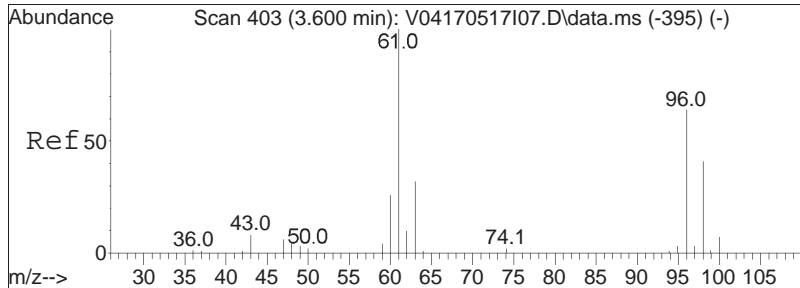




#17
 Acetone
 Concen: 25.12 ug/L
 RT: 3.505 min Scan# 385
 Delta R.T. -0.006 min
 Lab File: V04170714A01.D
 Acq: 14 Jul 2017 7:42

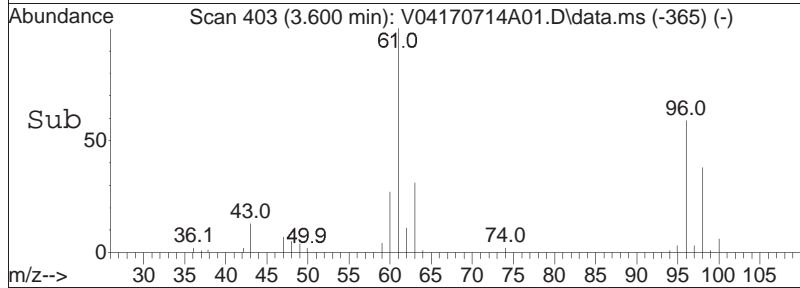
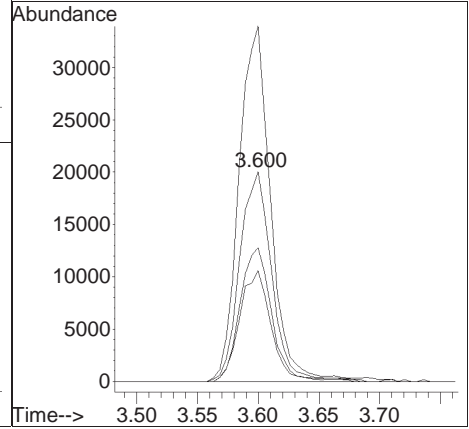
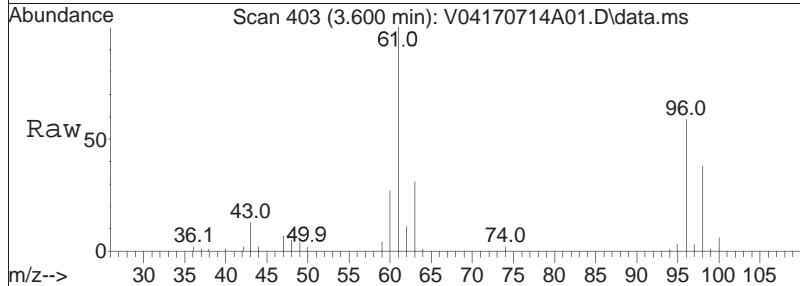
Tgt Ion:	43	58	Resp:	10067	Ratio	Lower	Upper
Ion Ratio	100	27.3				26.0	39.0

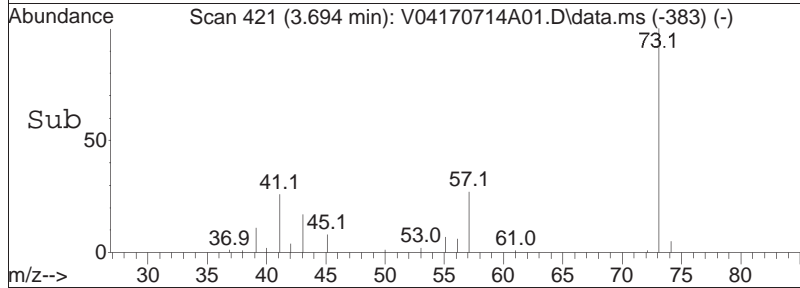
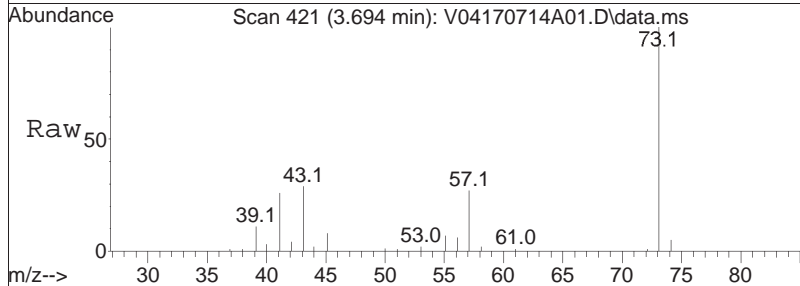
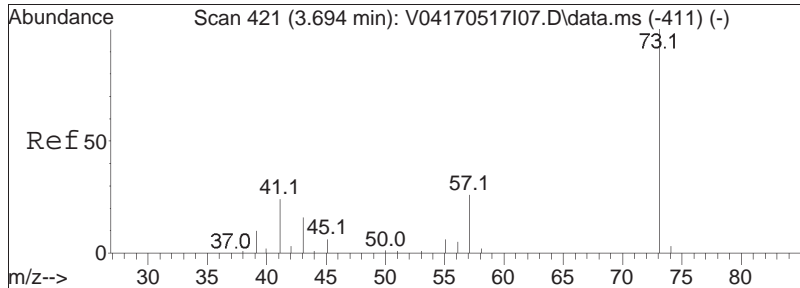




#18
 trans-1,2-Dichloroethene
 Concen: 20.38 ug/L
 RT: 3.600 min Scan# 403
 Delta R.T. -0.000 min
 Lab File: V04170714A01.D
 Acq: 14 Jul 2017 7:42

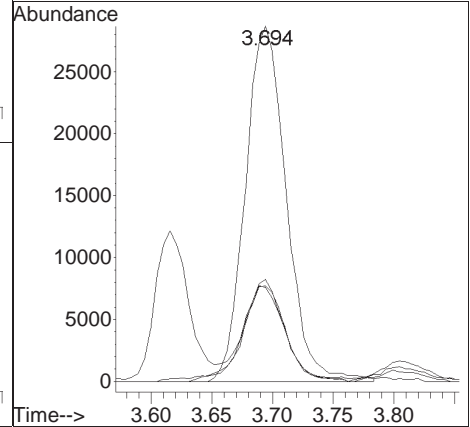
Tgt Ion	Resp	Lower	Upper
96	100		
61	166.7	122.6	254.6
98	63.2	41.6	86.4
63	51.5	37.6	78.0

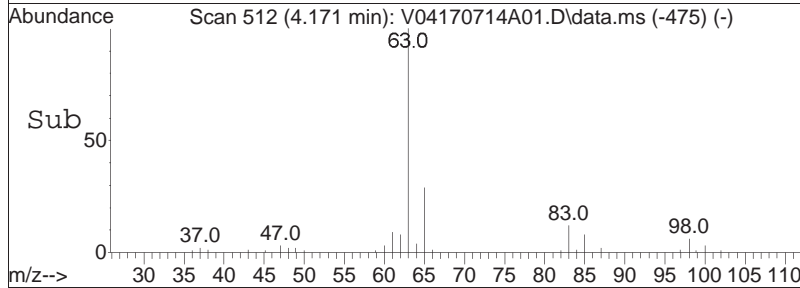
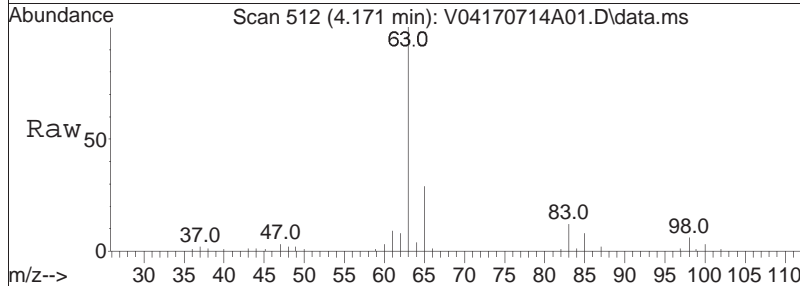
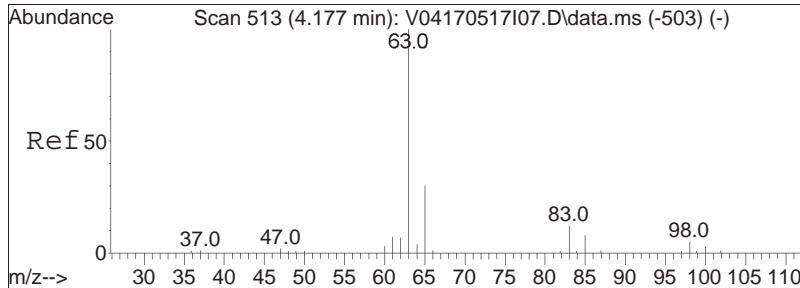




#20
Methyl tert-butyl ether
Concen: 13.97 ug/L
RT: 3.694 min Scan# 421
Delta R.T. 0.000 min
Lab File: V04170714A01.D
Acq: 14 Jul 2017 7:42

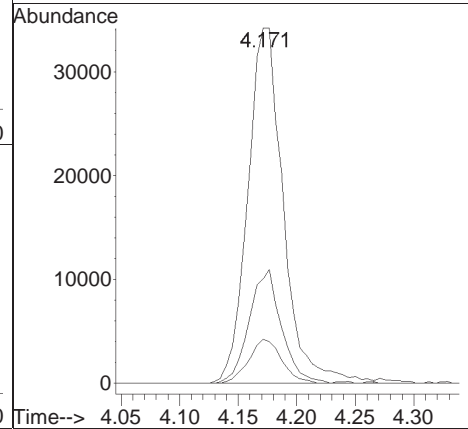
Tgt Ion	Resp	Lower	Upper
73	67214		
57	28.2	20.9	43.3
43	28.2	16.4	34.2
41	28.5	17.2	35.8

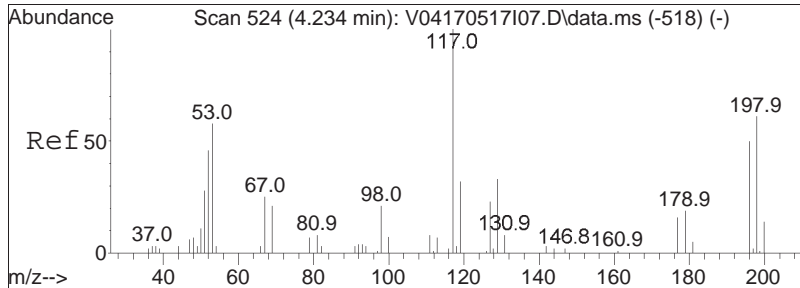




#23
 1,1-Dichloroethane
 Concen: 20.17 ug/L
 RT: 4.171 min Scan# 512
 Delta R.T. -0.006 min
 Lab File: V04170714A01.D
 Acq: 14 Jul 2017 7:42

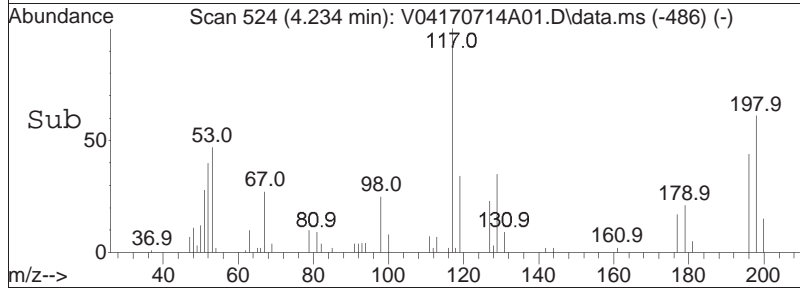
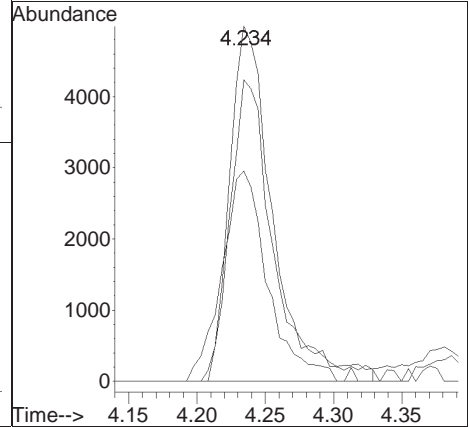
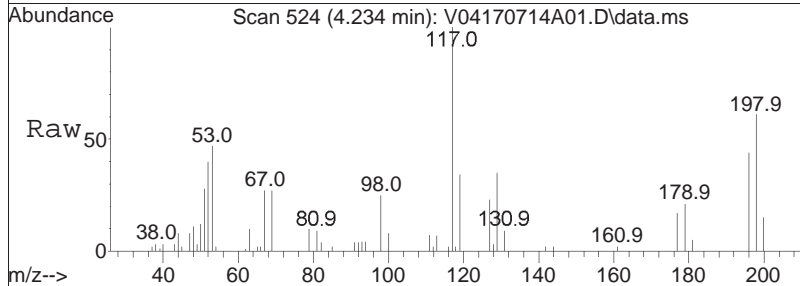
Tgt Ion:	Resp:		
Ion	Ratio	Lower	Upper
63	100		
65	29.0	9.4	49.4
83	11.6	0.0	30.4

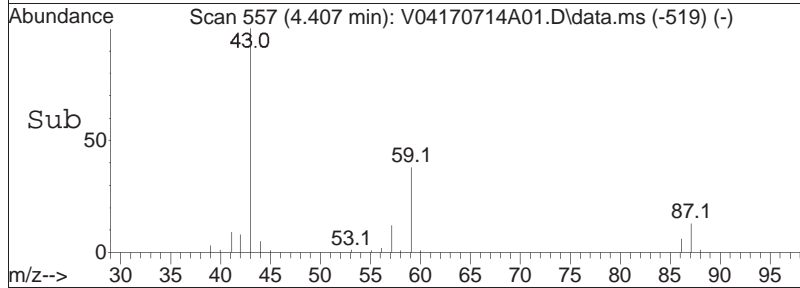
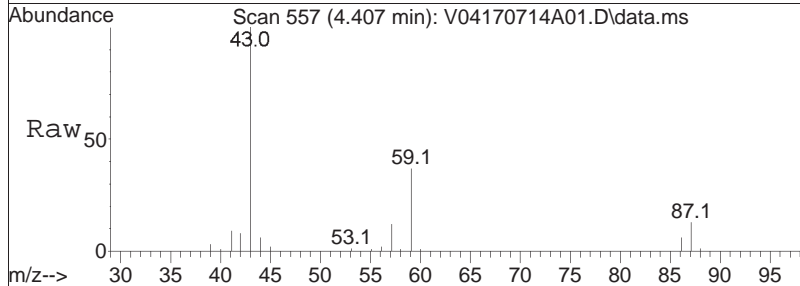
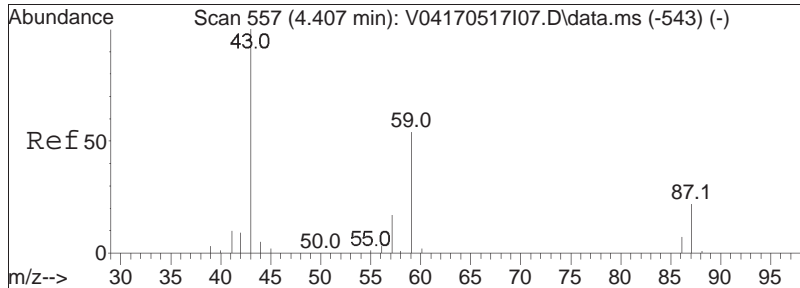




#25
 Acrylonitrile
 Concen: 20.21 ug/L
 RT: 4.234 min Scan# 524
 Delta R.T. 0.000 min
 Lab File: V04170714A01.D
 Acq: 14 Jul 2017 7:42

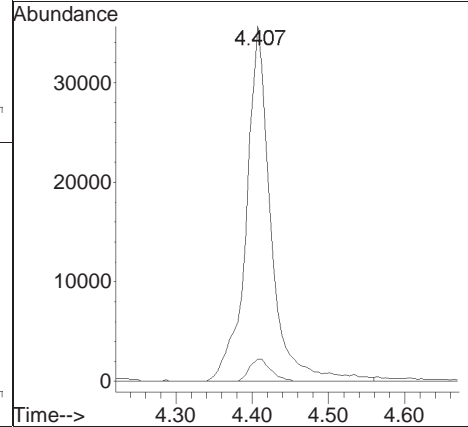
Tgt Ion:	Resp:	Lower	Upper
53	11054		
52	83.4	67.2	100.8
51	62.7	43.7	65.5

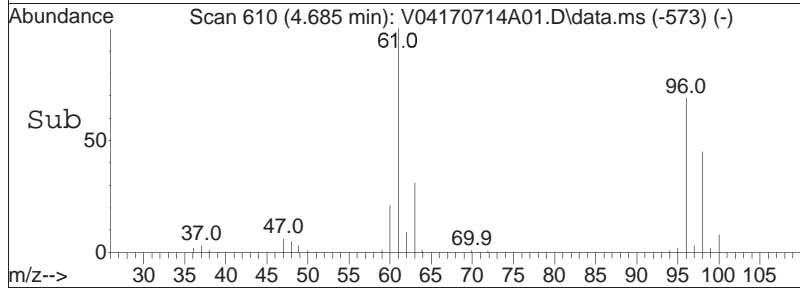
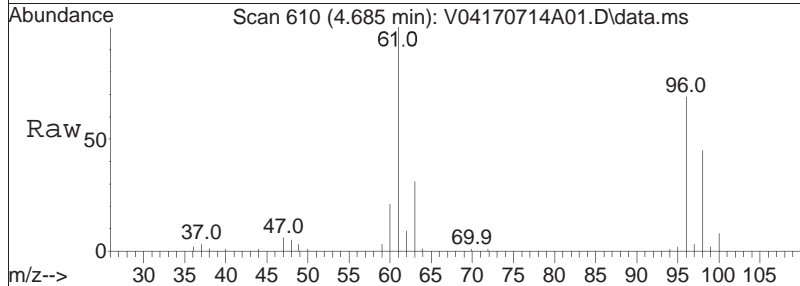
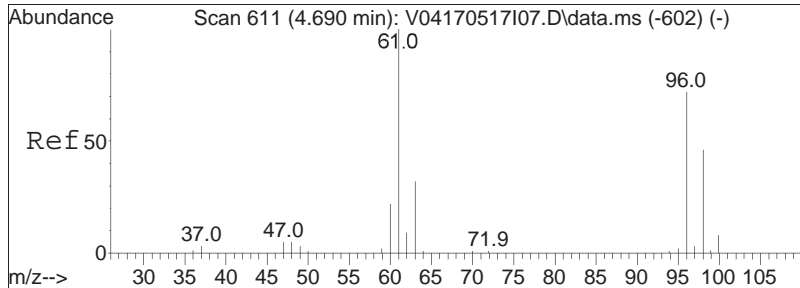




#27
 Vinyl acetate
 Concen: 21.24 ug/L
 RT: 4.407 min Scan# 557
 Delta R.T. 0.000 min
 Lab File: V04170714A01.D
 Acq: 14 Jul 2017 7:42

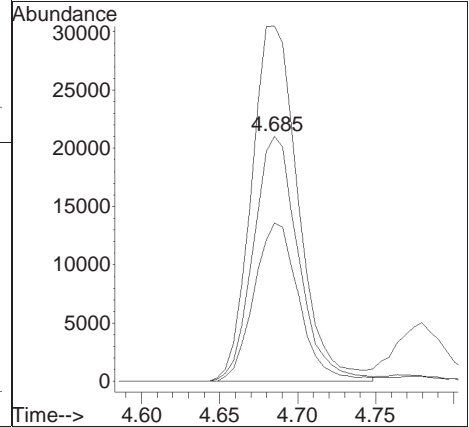
Tgt Ion:	43	86	Resp:	100	5.5	80792	Lower	Upper
							4.9	7.3

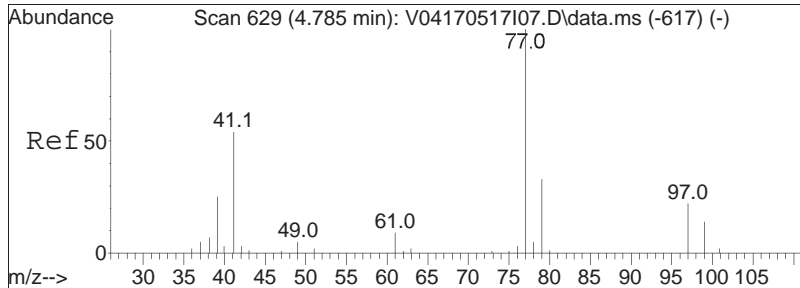




#28
 cis-1,2-Dichloroethene
 Concen: 21.29 ug/L
 RT: 4.685 min Scan# 610
 Delta R.T. -0.005 min
 Lab File: V04170714A01.D
 Acq: 14 Jul 2017 7:42

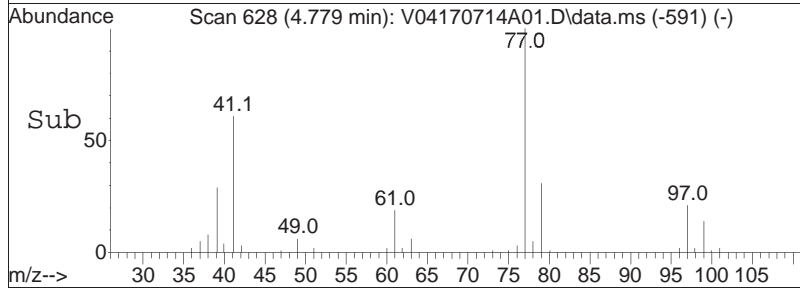
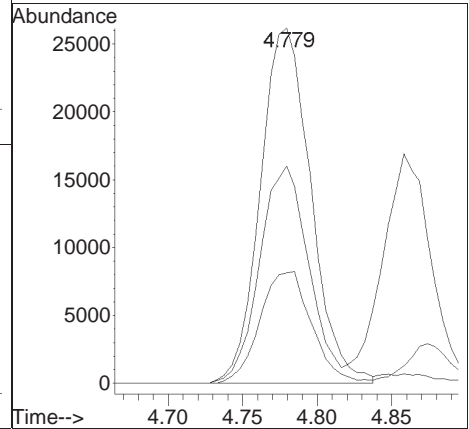
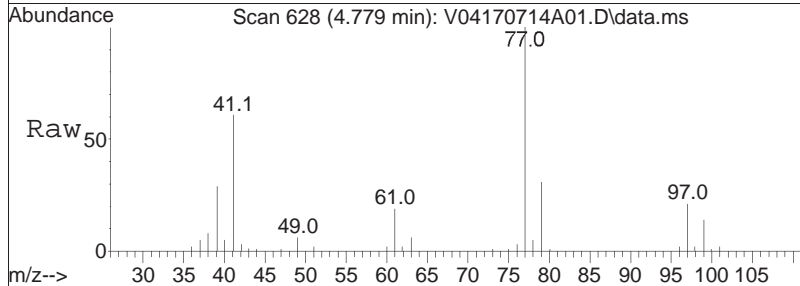
Tgt Ion:	96	Resp:	42168
Ion Ratio	Lower	Upper	
96	100		
61	150.8	135.0	202.4
98	64.7	51.5	77.3

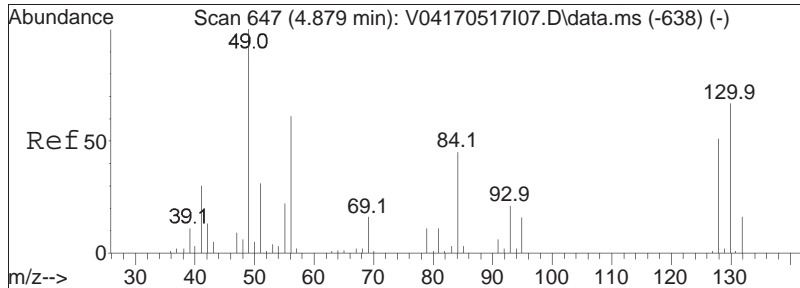




#29
 2,2-Dichloropropane
 Concen: 23.44 ug/L
 RT: 4.779 min Scan# 628
 Delta R.T. -0.006 min
 Lab File: V04170714A01.D
 Acq: 14 Jul 2017 7:42

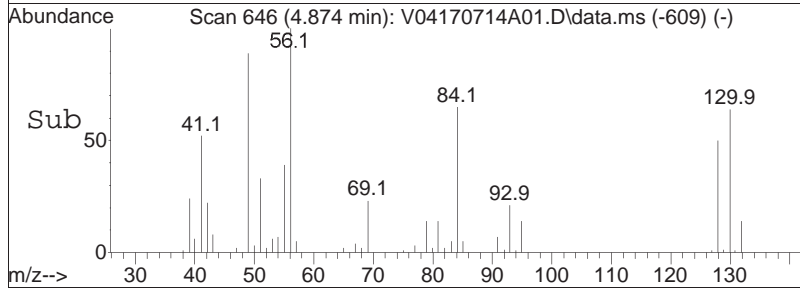
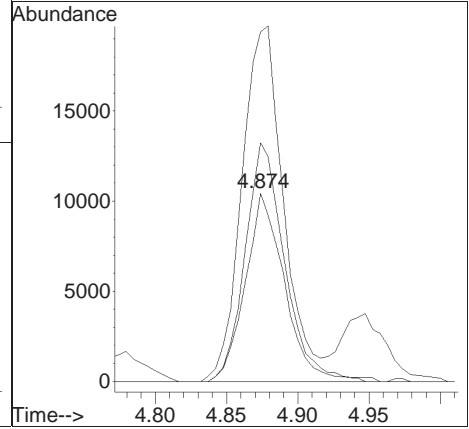
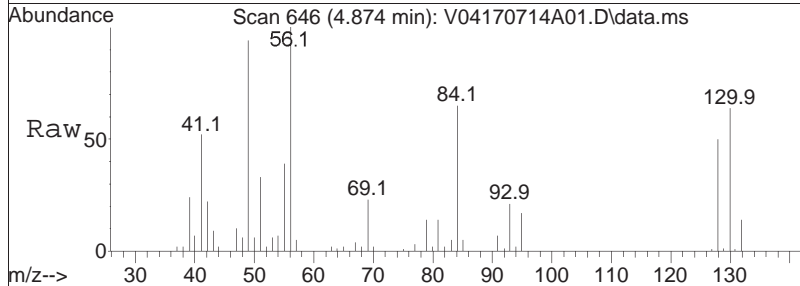
Tgt Ion	Resp	Lower	Upper
77	100		
41	59.4	38.5	80.1
79	32.4	20.9	43.5

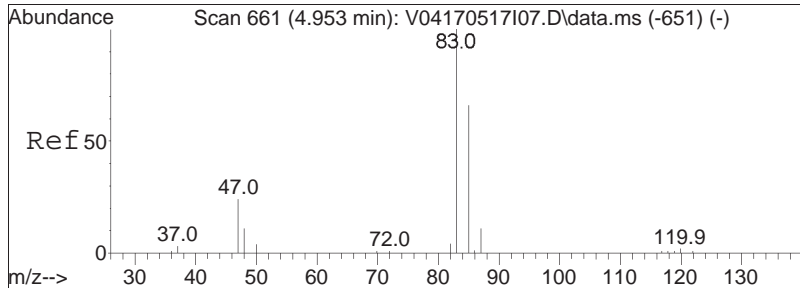




#30
 Bromochloromethane
 Concen: 19.95 ug/L
 RT: 4.874 min Scan# 646
 Delta R.T. -0.005 min
 Lab File: V04170714A01.D
 Acq: 14 Jul 2017 7:42

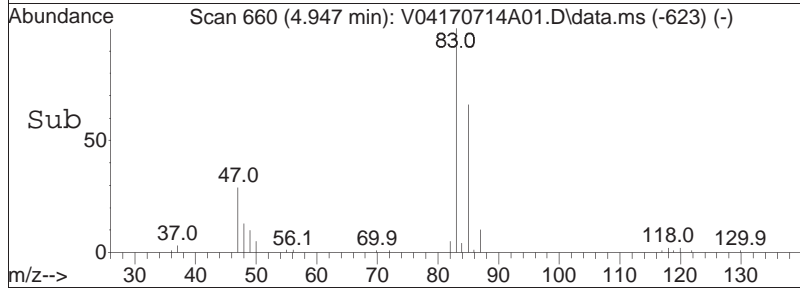
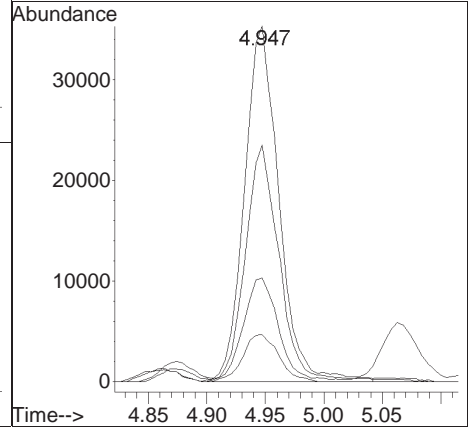
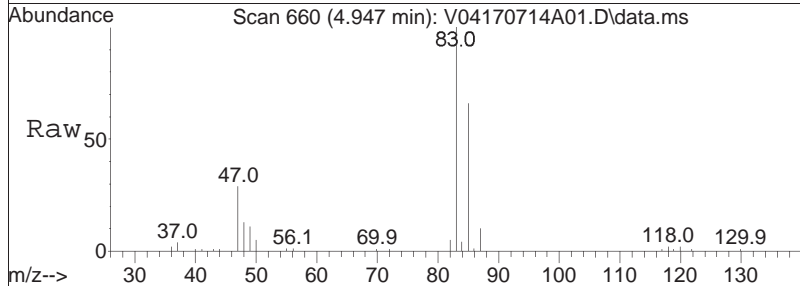
Tgt Ion	Resp	Lower	Upper
128	19842		
128	100		
49	200.0	163.8	245.8
130	128.9	102.3	153.5

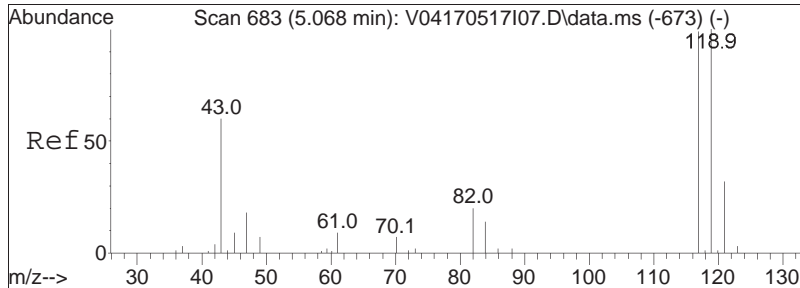




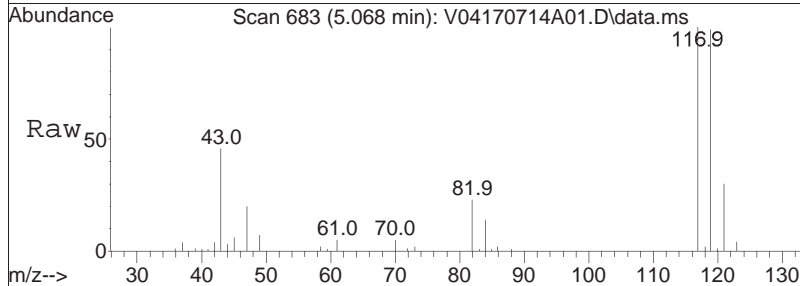
#32
 Chloroform
 Concen: 22.27 ug/L
 RT: 4.947 min Scan# 660
 Delta R.T. -0.006 min
 Lab File: V04170714A01.D
 Acq: 14 Jul 2017 7:42

Tgt Ion:	83	Resp:	72362
Ion Ratio	Lower	Upper	
83	100		
85	64.8	42.1	87.3
47	28.6	18.5	38.3
48	13.7	8.6	18.0

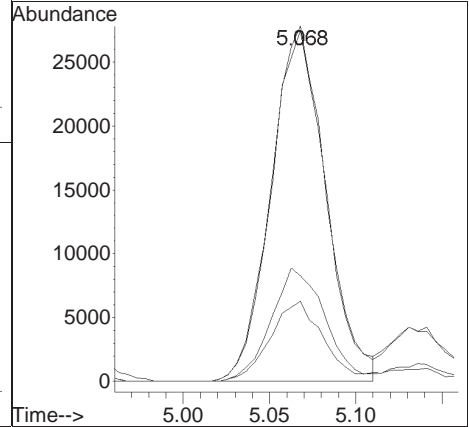
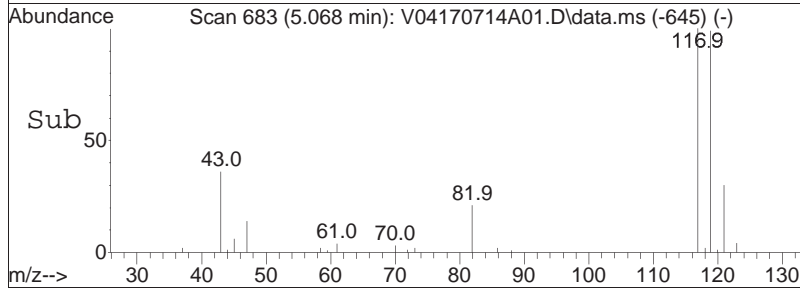


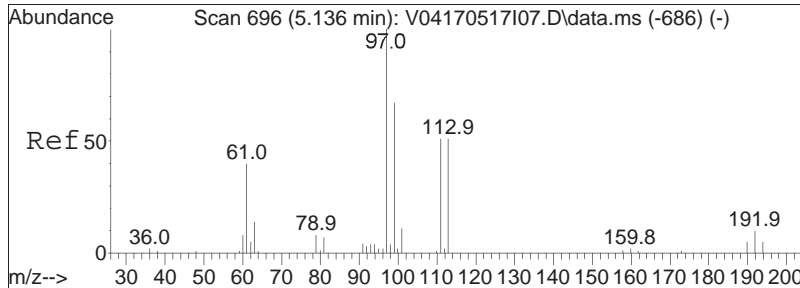


#34
 Carbon tetrachloride
 Concen: 25.99 ug/L
 RT: 5.068 min Scan# 683
 Delta R.T. -0.000 min
 Lab File: V04170714A01.D
 Acq: 14 Jul 2017 7:42



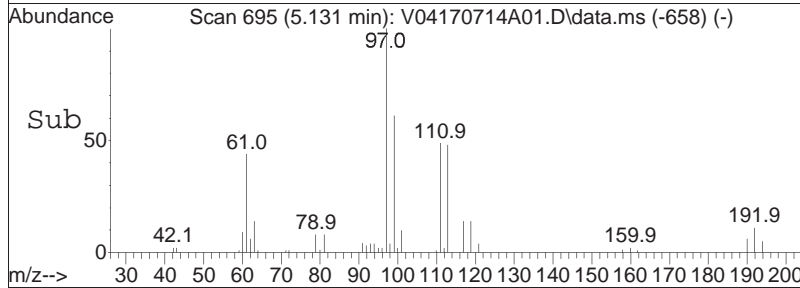
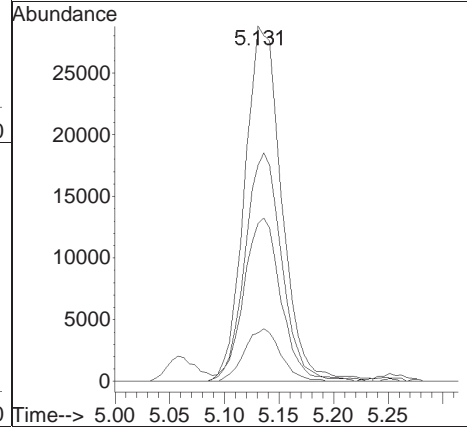
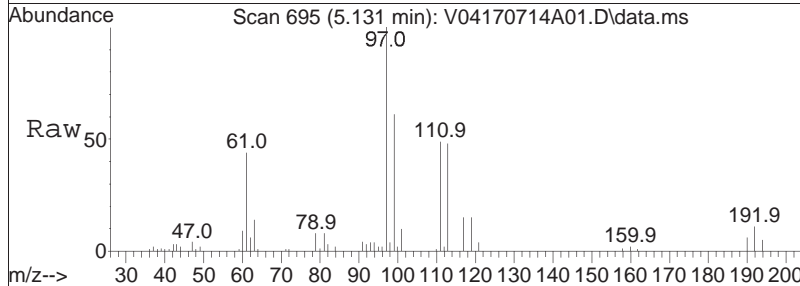
Tgt Ion	Resp	Lower	Upper
117	100		
119	97.9	62.7	130.3
121	31.2	20.2	41.9
82	22.1	14.4	29.8

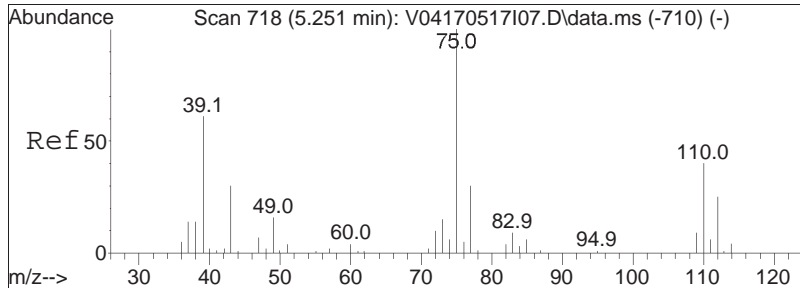




#37
 1,1,1-Trichloroethane
 Concen: 24.71 ug/L
 RT: 5.131 min Scan# 695
 Delta R.T. -0.005 min
 Lab File: V04170714A01.D
 Acq: 14 Jul 2017 7:42

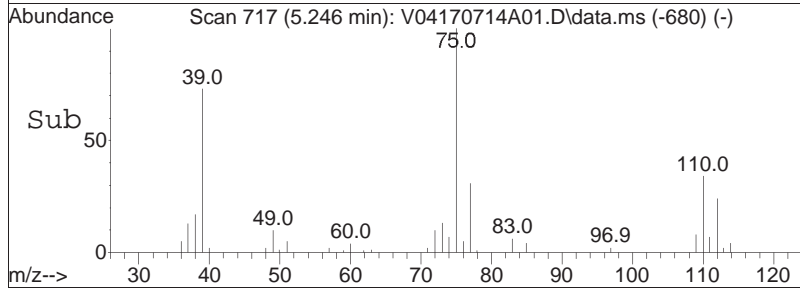
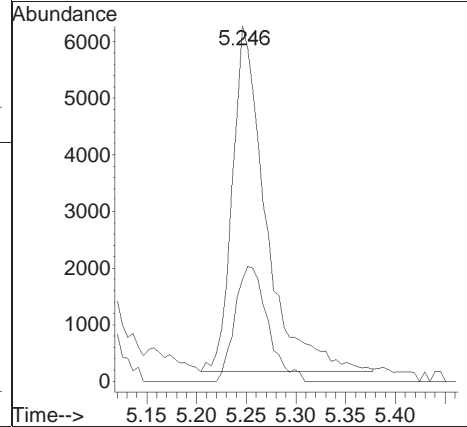
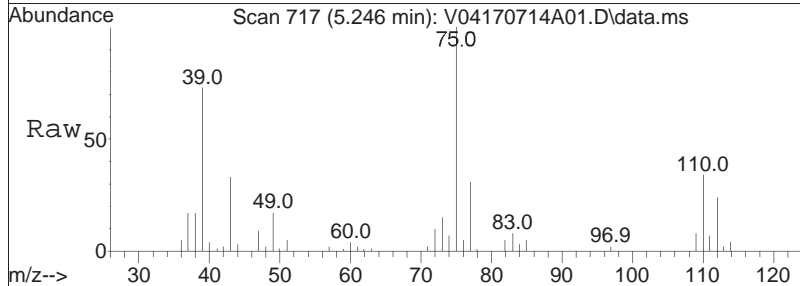
Tgt Ion	Resp	Lower	Upper
97	100		
99	63.8	41.9	86.9
61	46.2	34.3	71.1
63	14.5	10.6	22.0

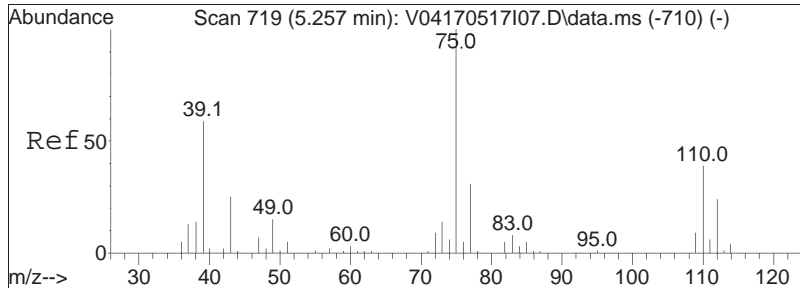




#39
 2-Butanone
 Concen: 20.54 ug/L
 RT: 5.246 min Scan# 717
 Delta R.T. -0.005 min
 Lab File: V04170714A01.D
 Acq: 14 Jul 2017 7:42

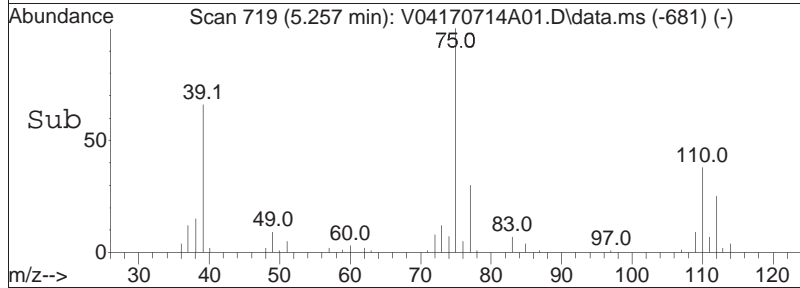
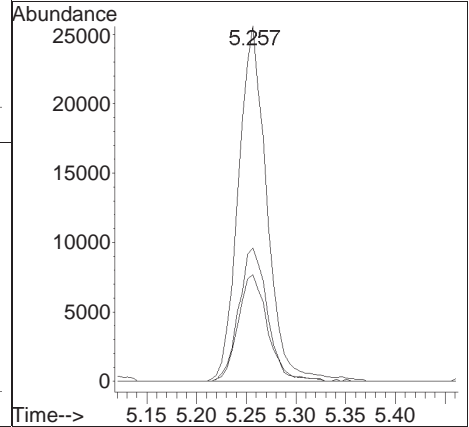
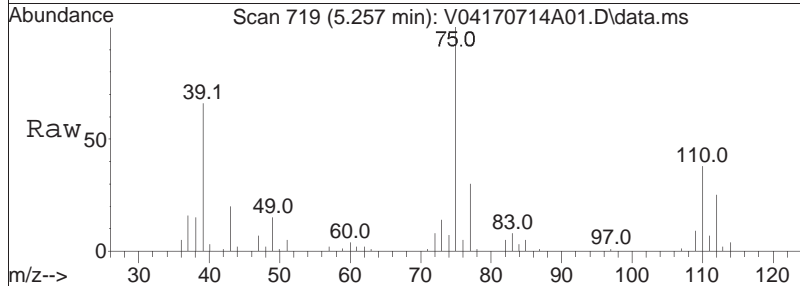
Tgt Ion: 43 Resp: 14290
 Ion Ratio Lower Upper
 43 100
 72 32.6 24.3 36.5

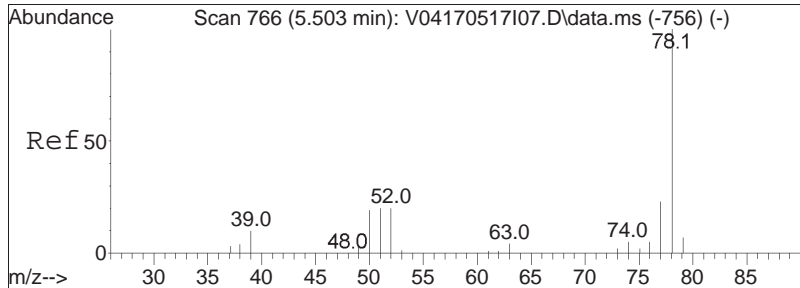




#40
 1,1-Dichloropropene
 Concen: 22.55 ug/L
 RT: 5.257 min Scan# 719
 Delta R.T. -0.000 min
 Lab File: V04170714A01.D
 Acq: 14 Jul 2017 7:42

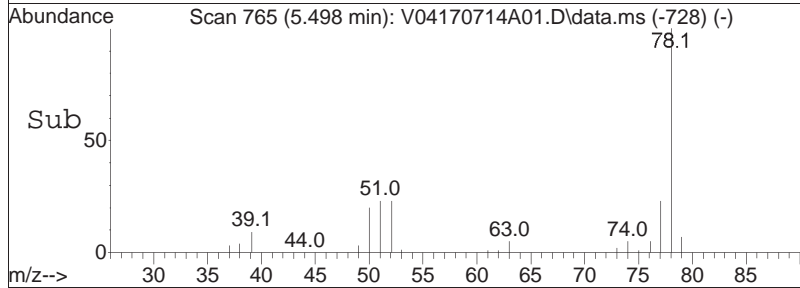
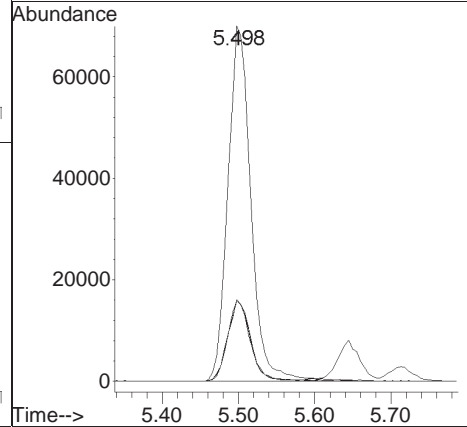
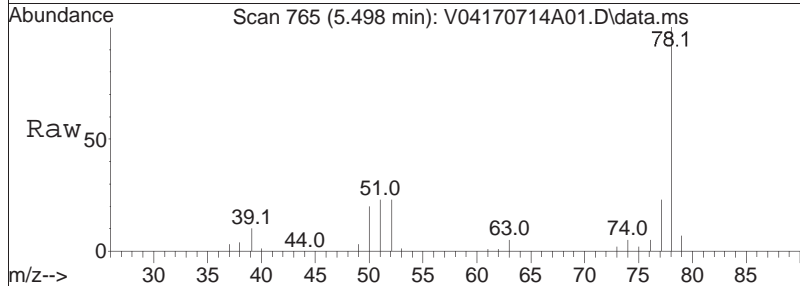
Tgt Ion:	Resp:		
Ion	Ratio	Lower	Upper
75	100		
110	37.9	24.4	50.6
77	31.0	20.5	42.5

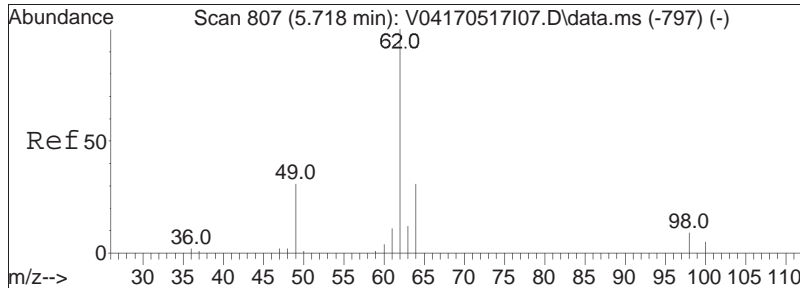




#41
 Benzene
 Concen: 21.79 ug/L
 RT: 5.498 min Scan# 765
 Delta R.T. -0.005 min
 Lab File: V04170714A01.D
 Acq: 14 Jul 2017 7:42

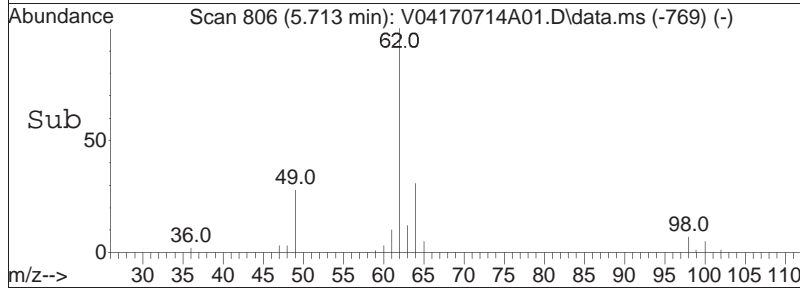
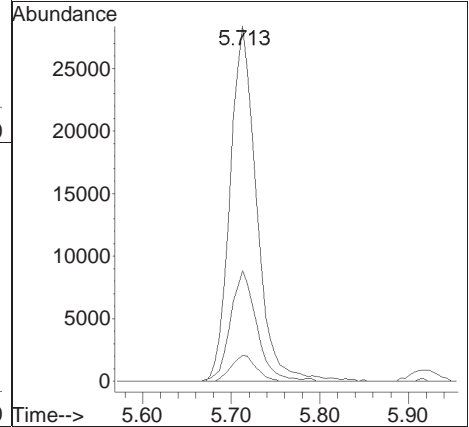
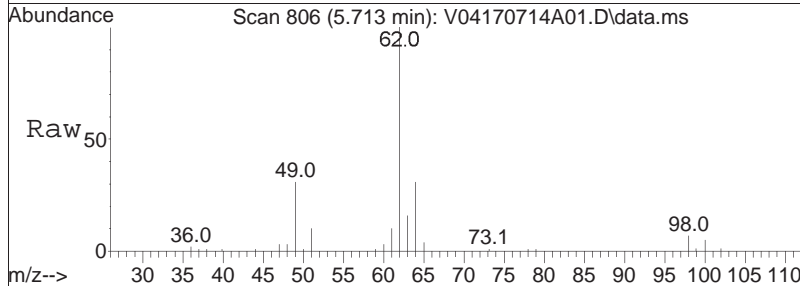
Tgt Ion	Resp	Lower	Upper
78	148109		
77	22.7	15.2	31.6
51	22.6	14.1	29.3
52	22.2	14.0	29.2

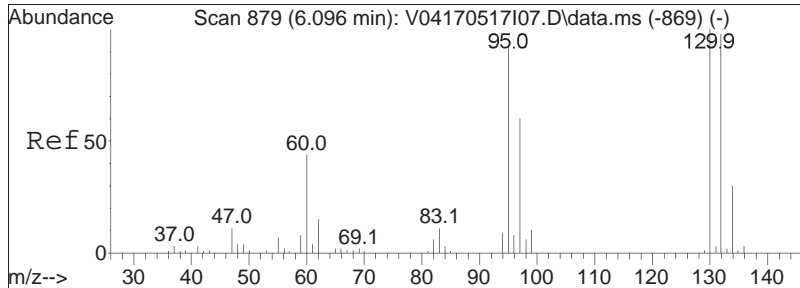




#44
 1,2-Dichloroethane
 Concen: 24.06 ug/L
 RT: 5.713 min Scan# 806
 Delta R.T. -0.005 min
 Lab File: V04170714A01.D
 Acq: 14 Jul 2017 7:42

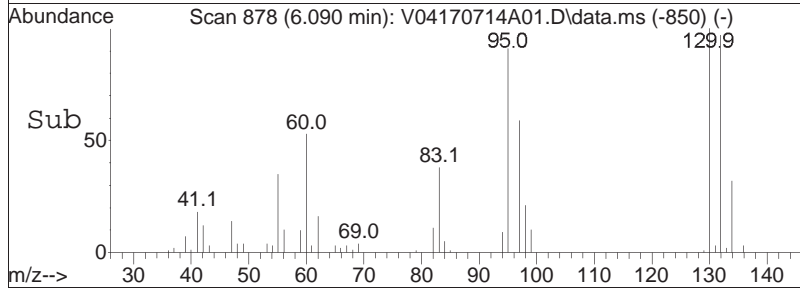
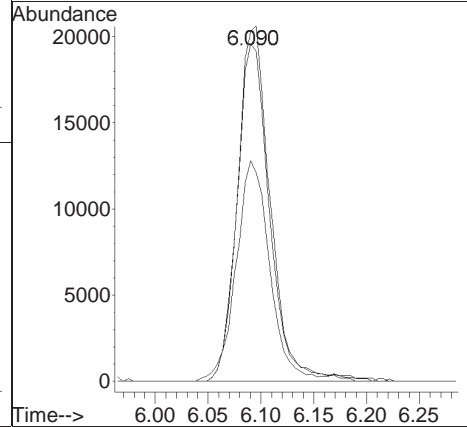
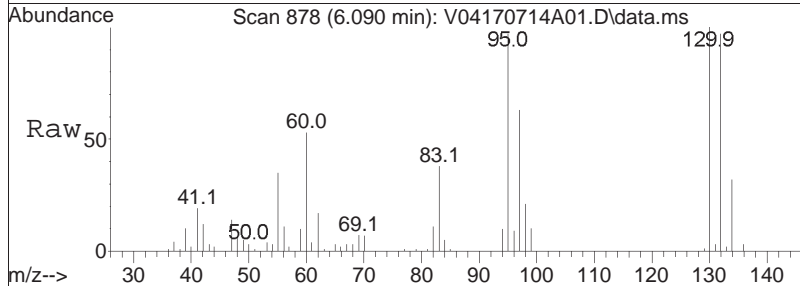
Tgt Ion	Resp	Lower	Upper
62	100		
64	30.9	11.2	51.2
98	6.9	0.0	27.3

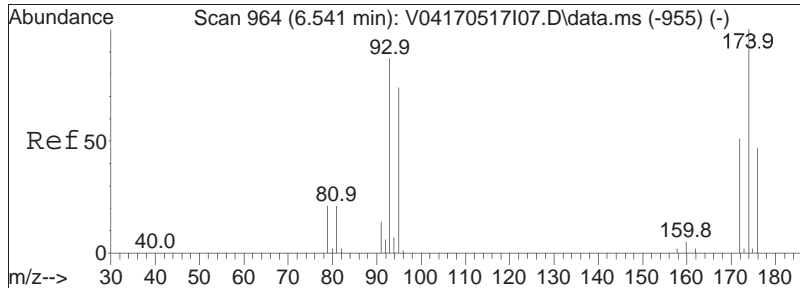




#48
 Trichloroethene
 Concen: 22.90 ug/L
 RT: 6.090 min Scan# 878
 Delta R.T. -0.006 min
 Lab File: V04170714A01.D
 Acq: 14 Jul 2017 7:42

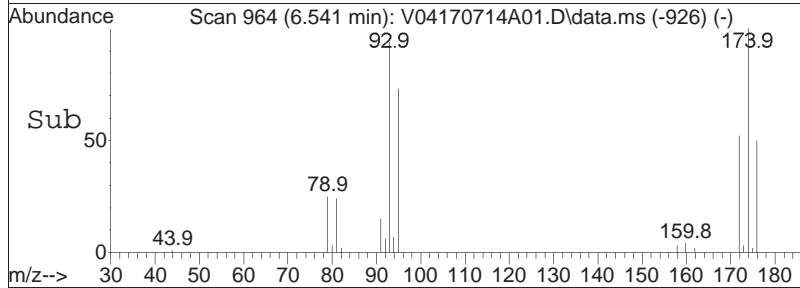
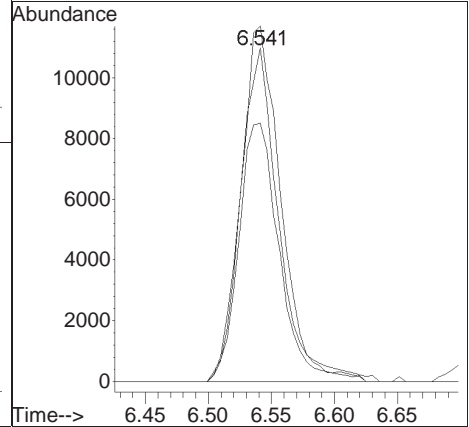
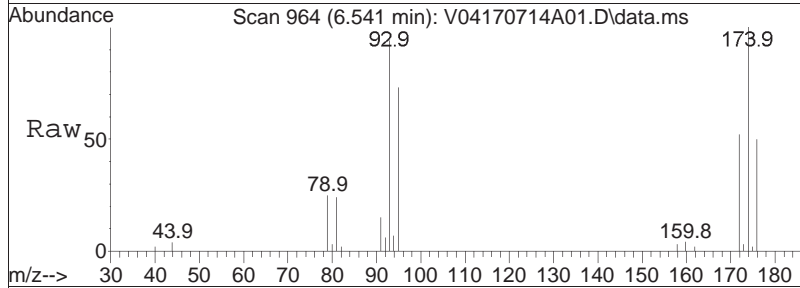
Tgt Ion:	Resp:		
Ion Ratio	Lower	Upper	
95	100		
97	67.0	54.8	82.2
130	105.7	85.8	128.6

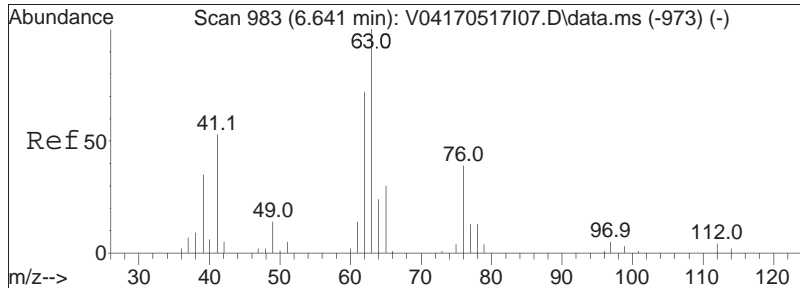




#50
 Dibromomethane
 Concen: 21.21 ug/L
 RT: 6.541 min Scan# 964
 Delta R.T. 0.000 min
 Lab File: V04170714A01.D
 Acq: 14 Jul 2017 7:42

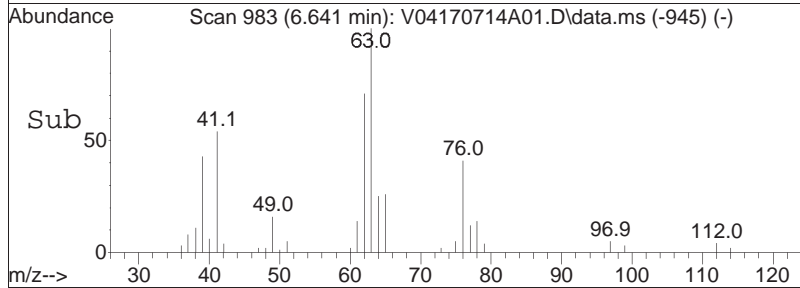
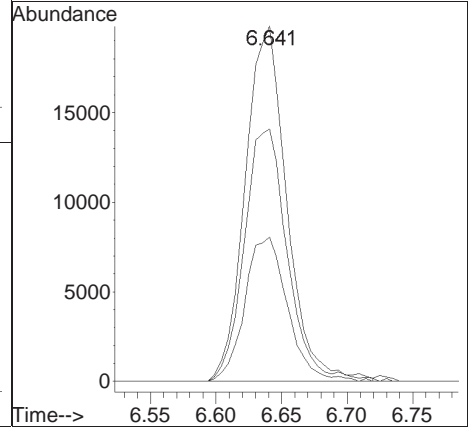
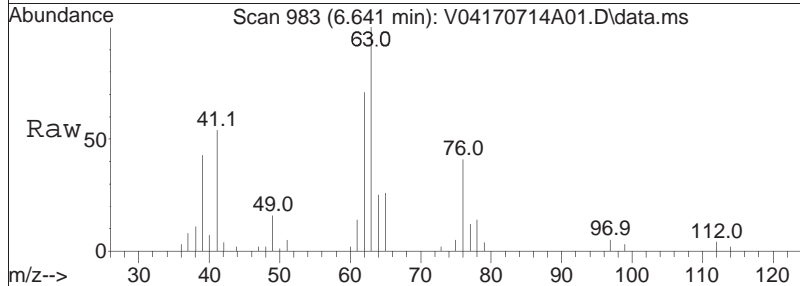
Tgt Ion	Resp	Lower	Upper
93	23144		
93	100		
95	82.3	67.3	100.9
174	112.2	94.1	141.1

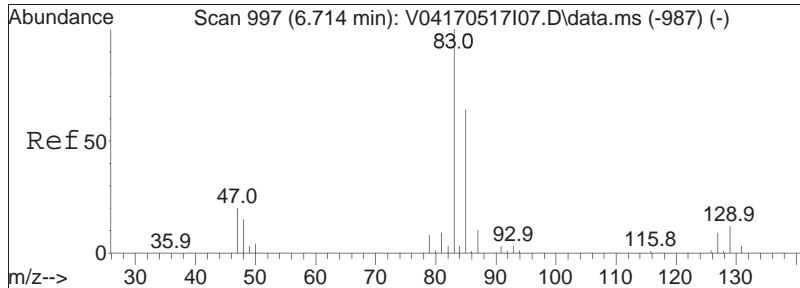




#51
 1,2-Dichloropropane
 Concen: 22.22 ug/L
 RT: 6.641 min Scan# 983
 Delta R.T. -0.000 min
 Lab File: V04170714A01.D
 Acq: 14 Jul 2017 7:42

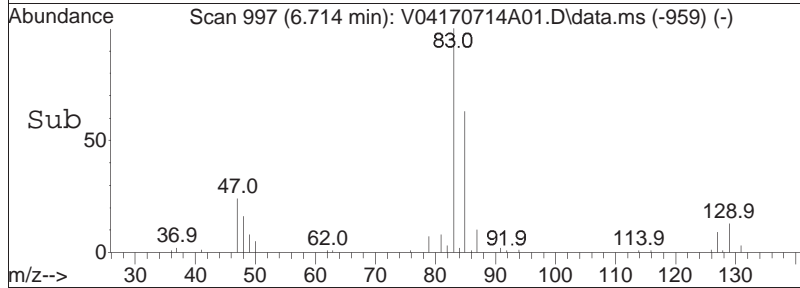
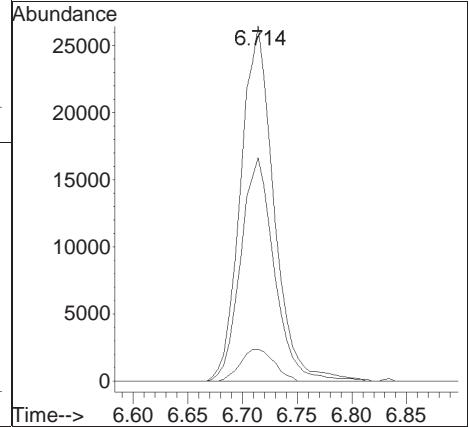
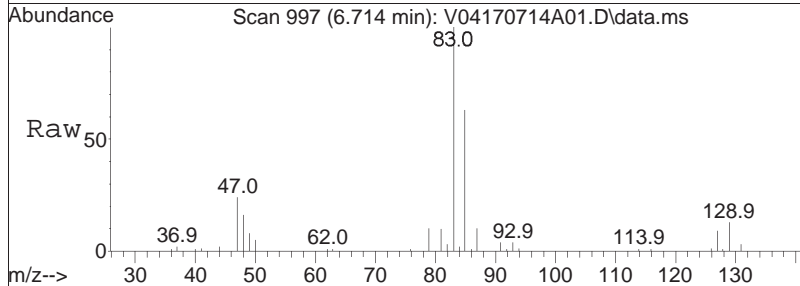
Tgt Ion	Resp	Lower	Upper
63	100		
62	73.7	57.9	86.9
76	41.7	26.1	39.1#

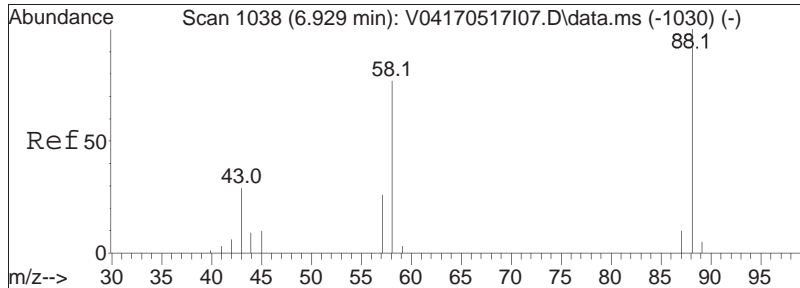




#54
 Bromodichloromethane
 Concen: 23.18 ug/L
 RT: 6.714 min Scan# 997
 Delta R.T. 0.000 min
 Lab File: V04170714A01.D
 Acq: 14 Jul 2017 7:42

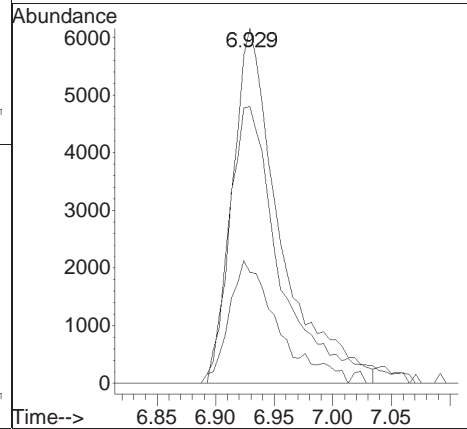
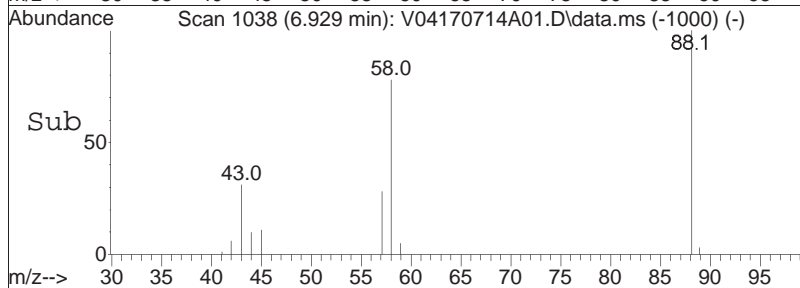
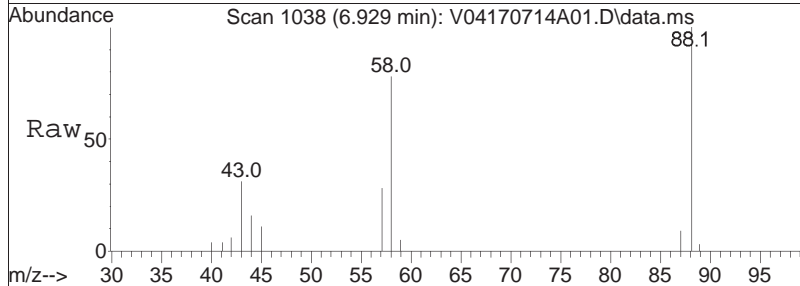
Tgt Ion	Resp	Lower	Upper
83	100		
85	63.7	51.5	77.3
127	9.3	7.1	10.7

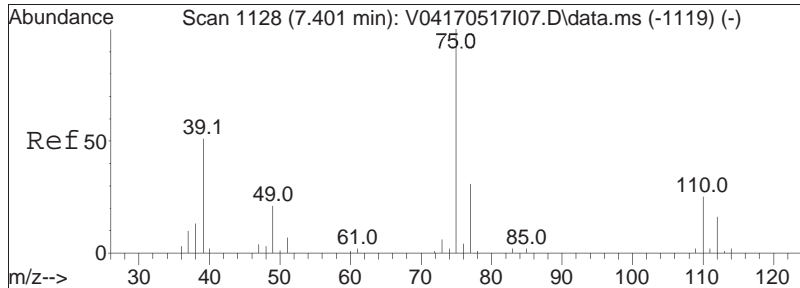




#57
 1,4-Dioxane
 Concen: 1140.62 ug/L
 RT: 6.929 min Scan# 1038
 Delta R.T. 0.000 min
 Lab File: V04170714A01.D
 Acq: 14 Jul 2017 7:42

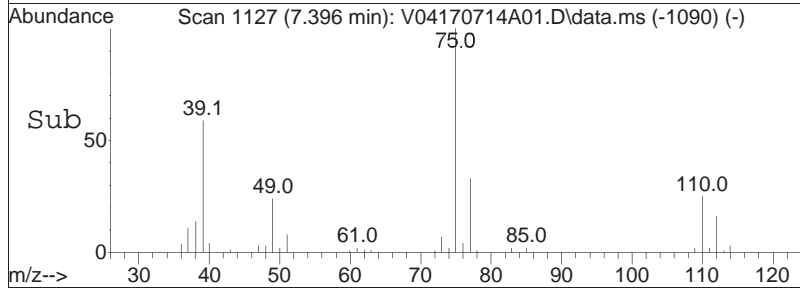
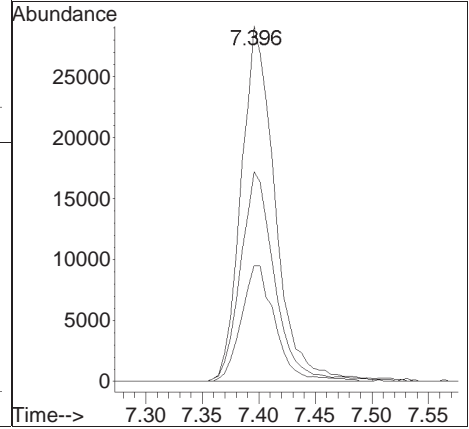
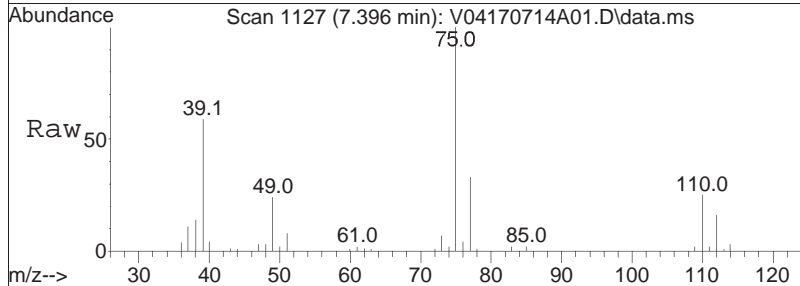
Tgt Ion	Resp	Lower	Upper
88	17520		
58	84.3	72.2	108.2
43	35.5	28.1	42.1

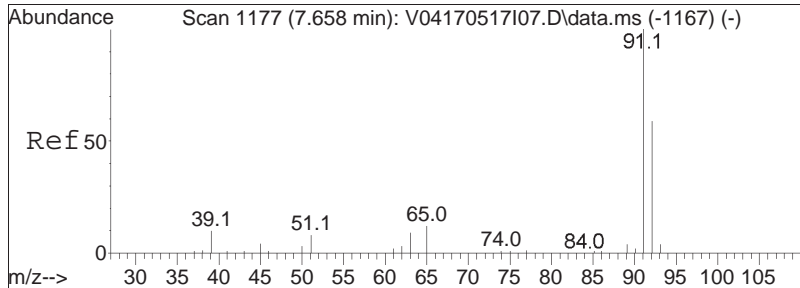




#58
 cis-1,3-Dichloropropene
 Concen: 20.62 ug/L
 RT: 7.396 min Scan# 1127
 Delta R.T. -0.005 min
 Lab File: V04170714A01.D
 Acq: 14 Jul 2017 7:42

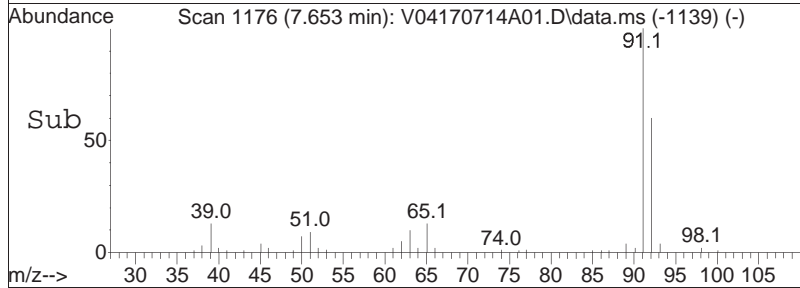
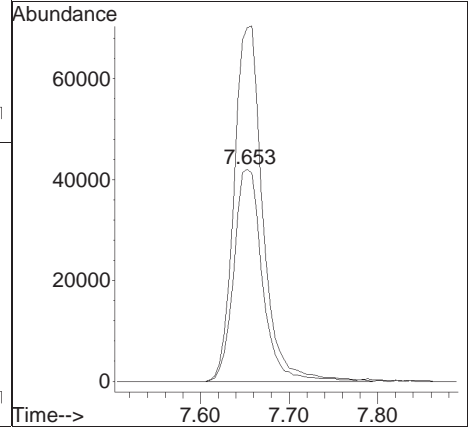
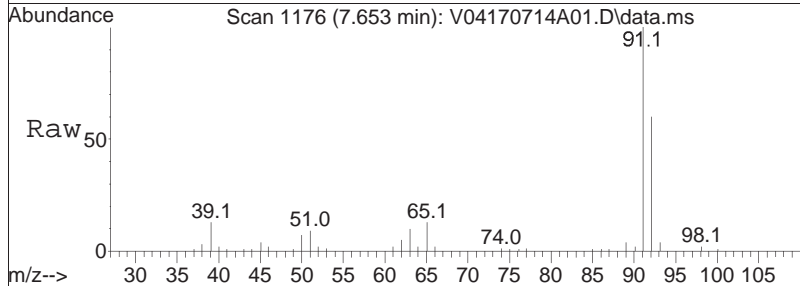
Tgt Ion:	75	Resp:	60862
Ion Ratio	Lower	Upper	
75	100		
77	32.6	25.3	37.9
39	59.6	42.6	64.0

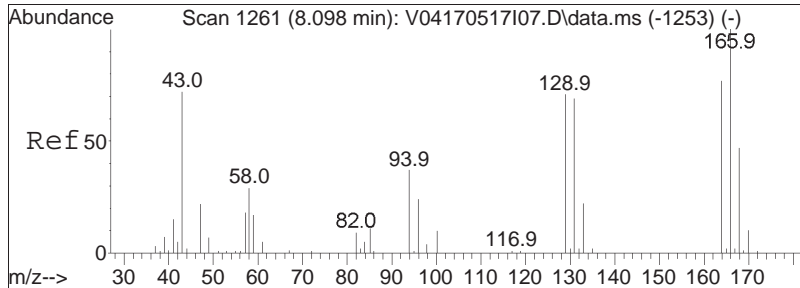




#61
 Toluene
 Concen: 20.05 ug/L
 RT: 7.653 min Scan# 1176
 Delta R.T. -0.005 min
 Lab File: V04170714A01.D
 Acq: 14 Jul 2017 7:42

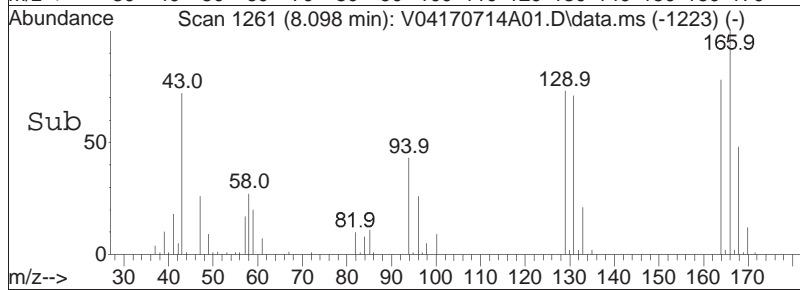
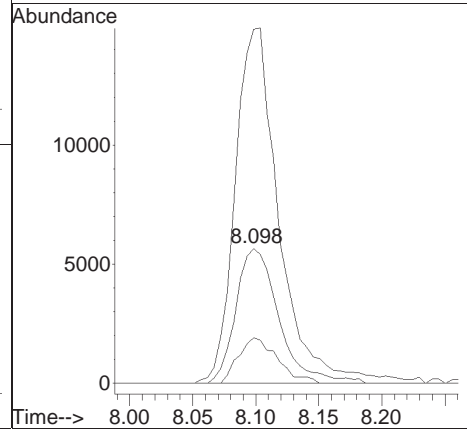
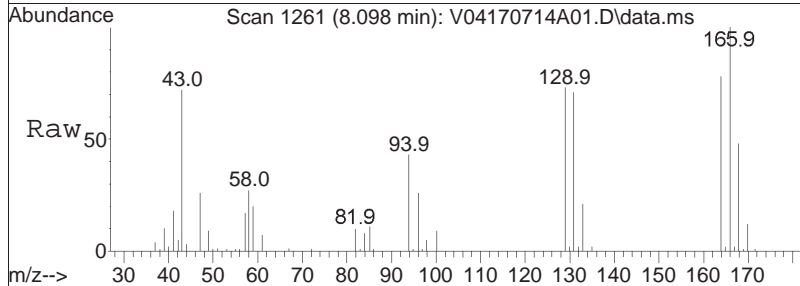
Tgt Ion:	Resp:	Lower	Upper
92	100		
91	167.4	135.4	203.2

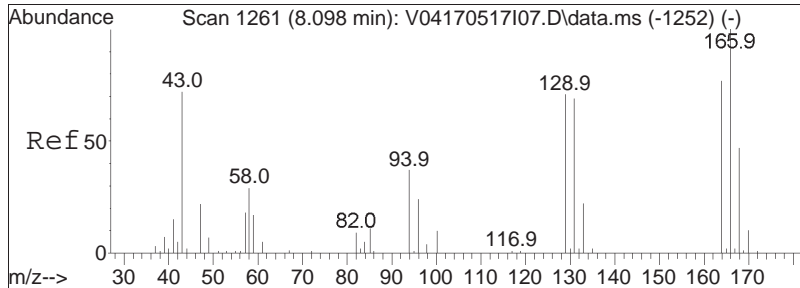




#62
 4-Methyl-2-pentanone
 Concen: 19.34 ug/L
 RT: 8.098 min Scan# 1261
 Delta R.T. 0.000 min
 Lab File: V04170714A01.D
 Acq: 14 Jul 2017 7:42

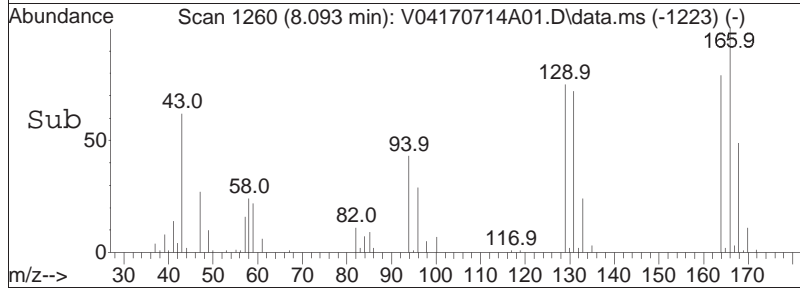
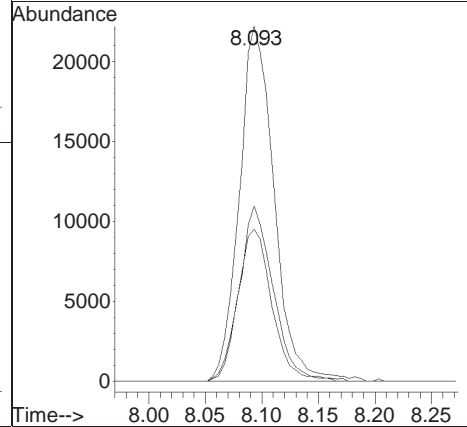
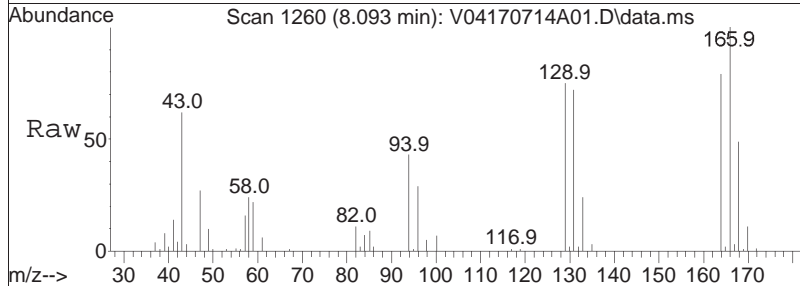
Tgt Ion:	Resp:		
Ion Ratio	Lower	Upper	
58	100		
100	30.8	22.2	33.2
43	268.9	188.5	282.7

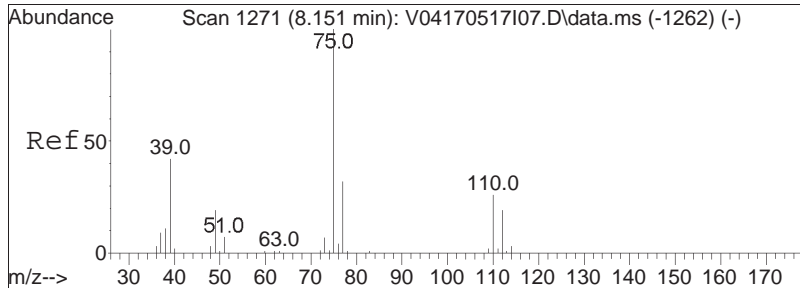




#63
 Tetrachloroethene
 Concen: 20.72 ug/L
 RT: 8.093 min Scan# 1260
 Delta R.T. -0.005 min
 Lab File: V04170714A01.D
 Acq: 14 Jul 2017 7:42

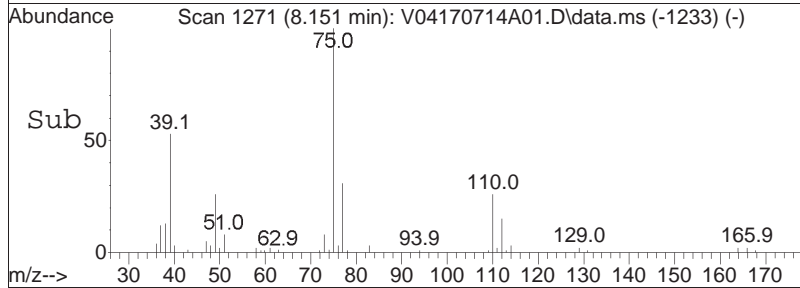
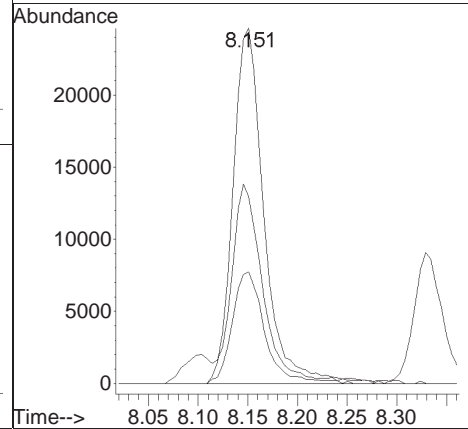
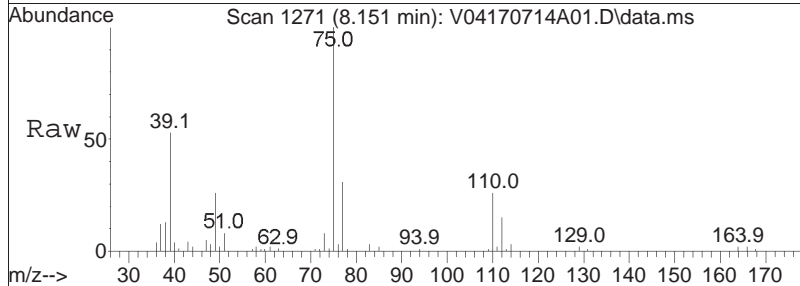
Tgt Ion	Resp	Lower	Upper
166	100		
168	47.5	27.3	67.3
94	42.7	17.1	57.1

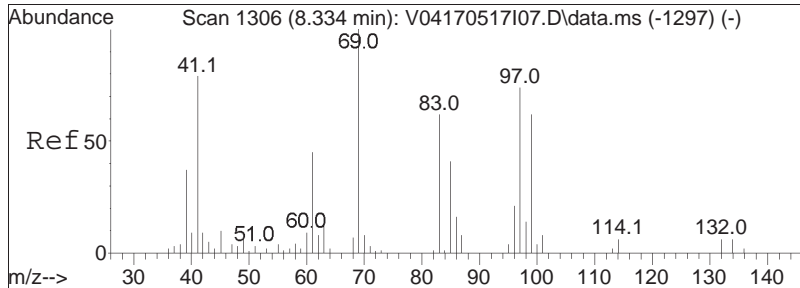




#65
 trans-1,3-Dichloropropene
 Concen: 19.80 ug/L
 RT: 8.151 min Scan# 1271
 Delta R.T. -0.000 min
 Lab File: V04170714A01.D
 Acq: 14 Jul 2017 7:42

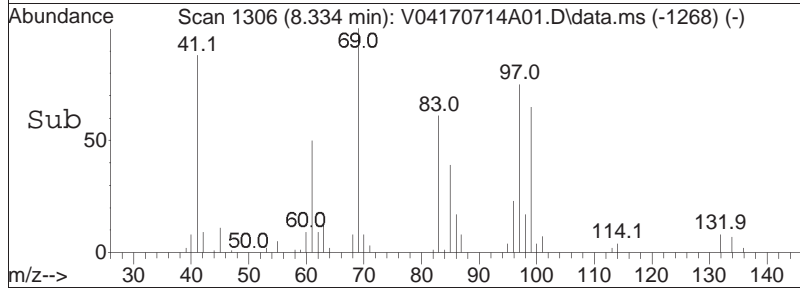
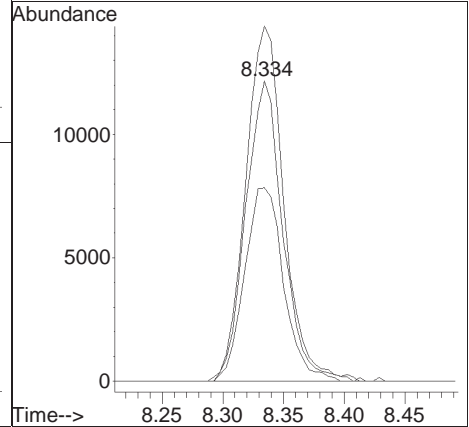
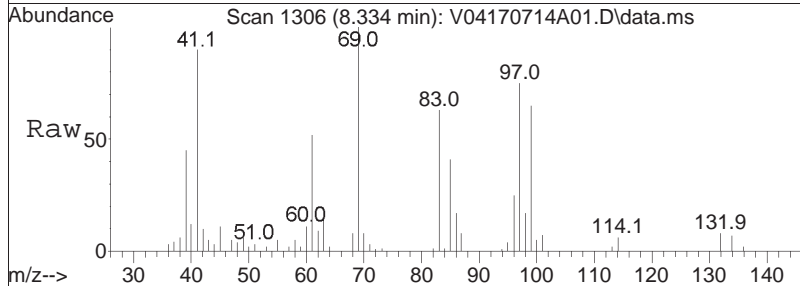
Tgt Ion	Resp	Lower	Upper
75	100		
77	32.6	11.9	51.9
39	56.9	31.2	71.2

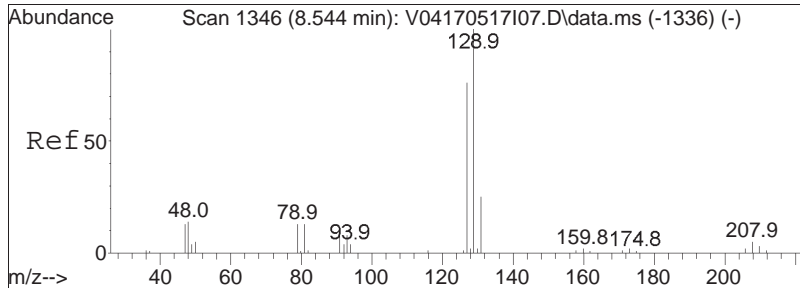




#68
 1,1,2-Trichloroethane
 Concen: 18.37 ug/L
 RT: 8.334 min Scan# 1306
 Delta R.T. 0.000 min
 Lab File: V04170714A01.D
 Acq: 14 Jul 2017 7:42

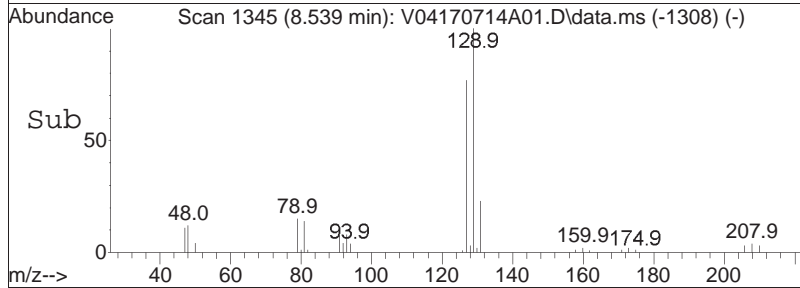
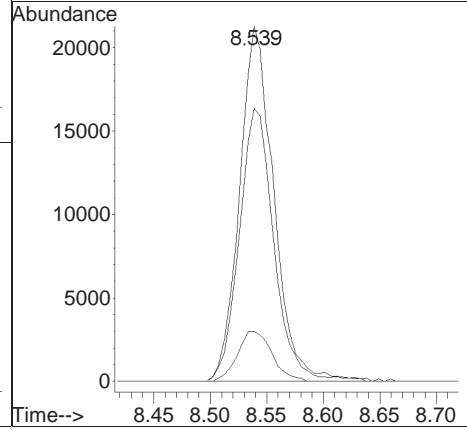
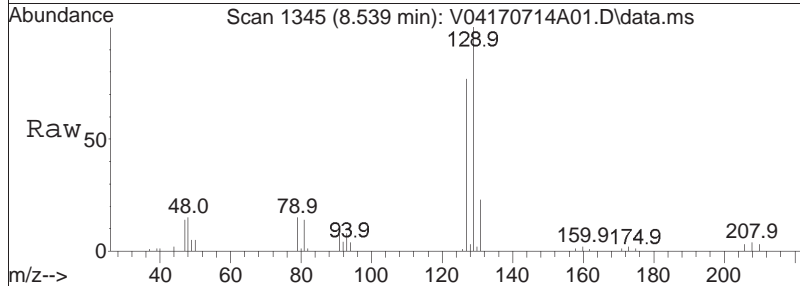
Tgt Ion	Resp	Lower	Upper
83	100		
97	121.0	95.8	135.8
85	67.5	47.8	87.8

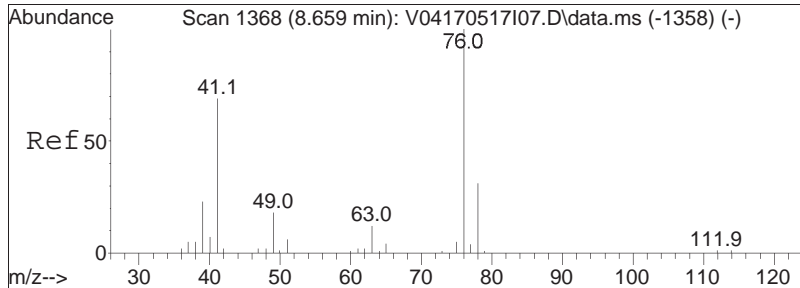




#69
 Chlorodibromomethane
 Concen: 19.78 ug/L
 RT: 8.539 min Scan# 1345
 Delta R.T. -0.005 min
 Lab File: V04170714A01.D
 Acq: 14 Jul 2017 7:42

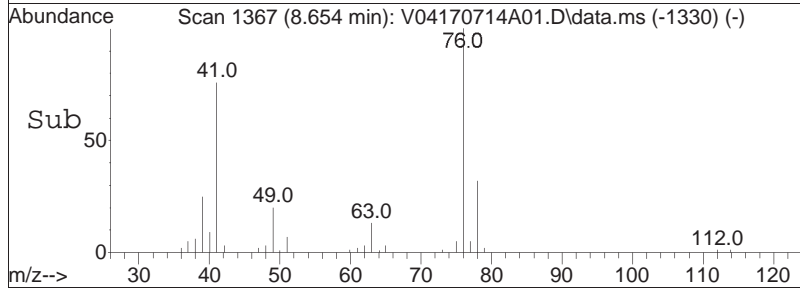
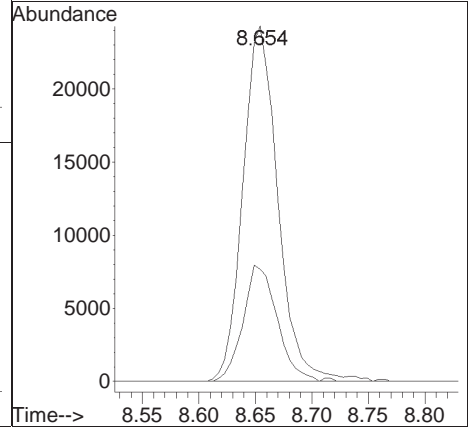
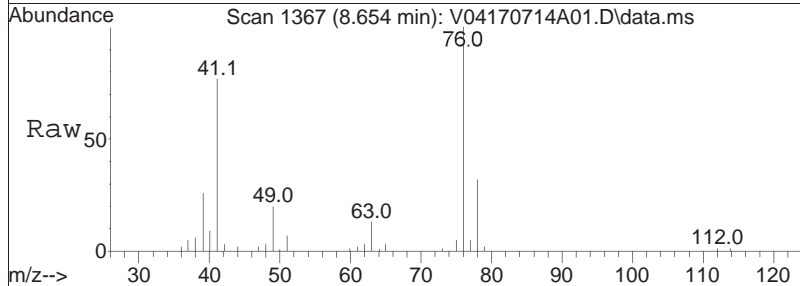
Tgt Ion	Resp	Lower	Upper
129	44914		
129	100		
81	14.3	0.0	33.6
127	77.7	56.6	96.6

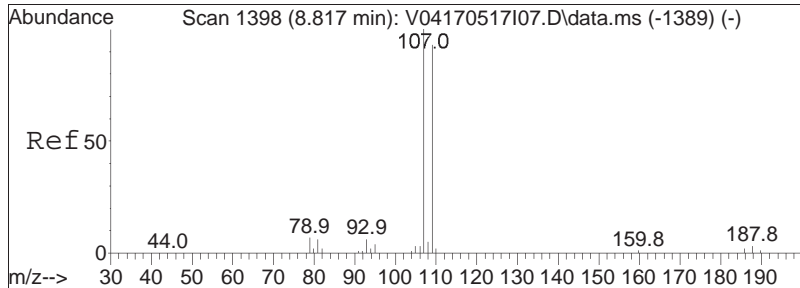




#70
 1,3-Dichloropropane
 Concen: 19.14 ug/L
 RT: 8.654 min Scan# 1367
 Delta R.T. -0.005 min
 Lab File: V04170714A01.D
 Acq: 14 Jul 2017 7:42

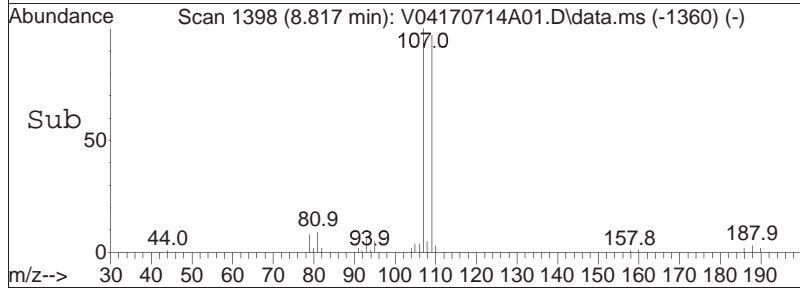
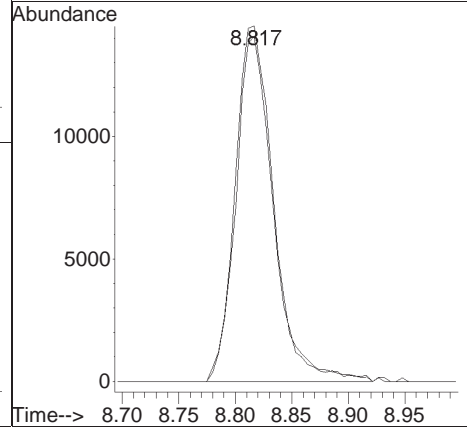
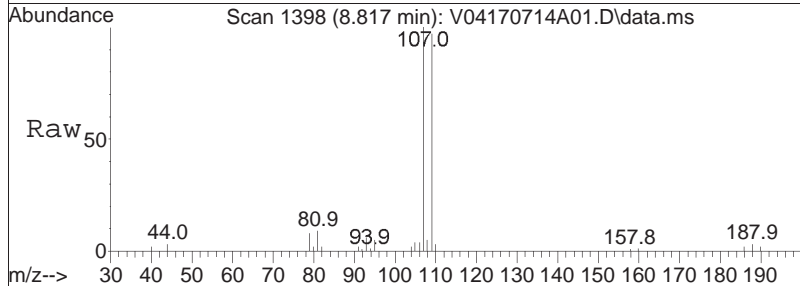
Tgt Ion:	Resp:		
Ion Ratio	Lower	Upper	
76	100		
78	31.8	25.4	38.2

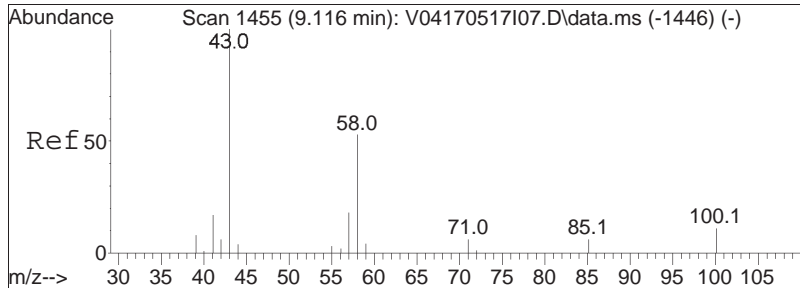




#71
 1,2-Dibromoethane
 Concen: 18.92 ug/L
 RT: 8.817 min Scan# 1398
 Delta R.T. -0.000 min
 Lab File: V04170714A01.D
 Acq: 14 Jul 2017 7:42

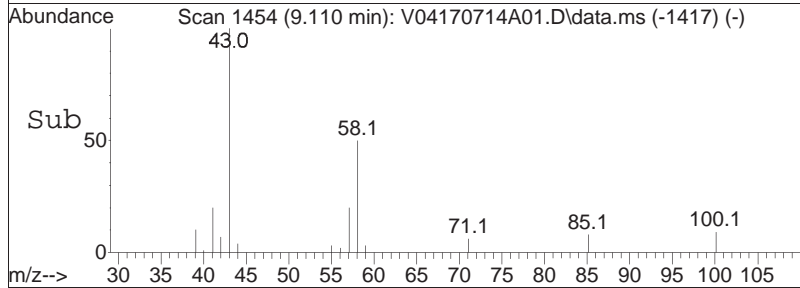
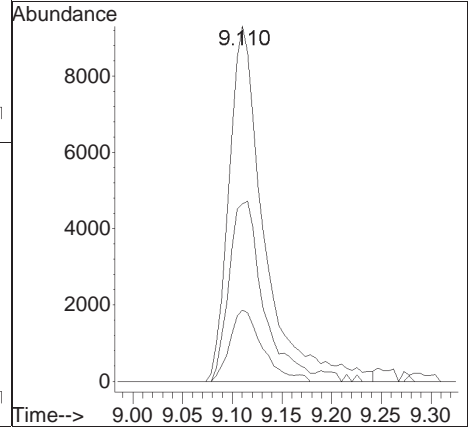
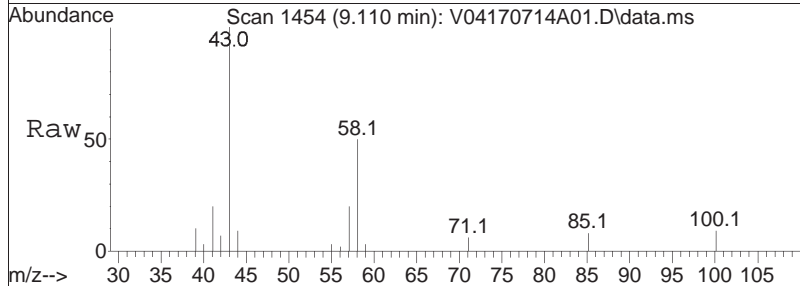
Tgt Ion	Resp	Lower	Upper
107	100		
109	93.9	75.1	112.7

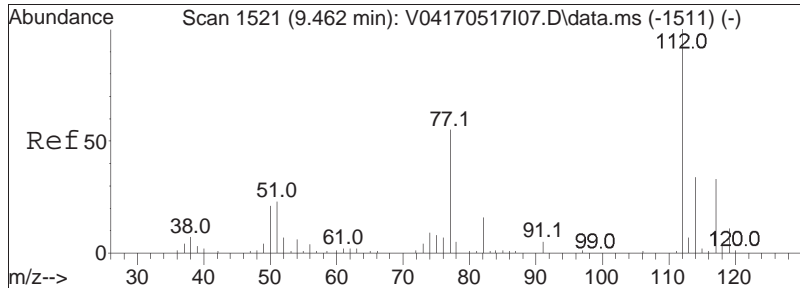




#72
 2-Hexanone
 Concen: 20.11 ug/L
 RT: 9.110 min Scan# 1454
 Delta R.T. -0.006 min
 Lab File: V04170714A01.D
 Acq: 14 Jul 2017 7:42

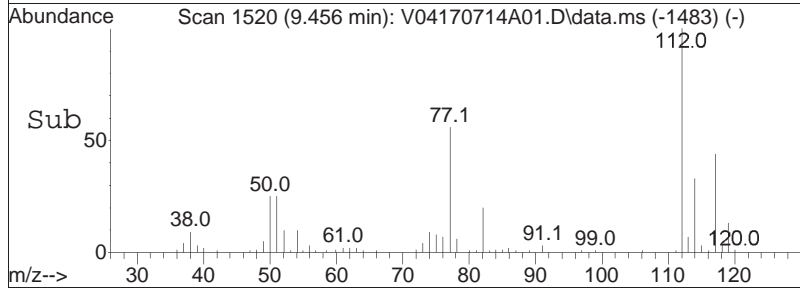
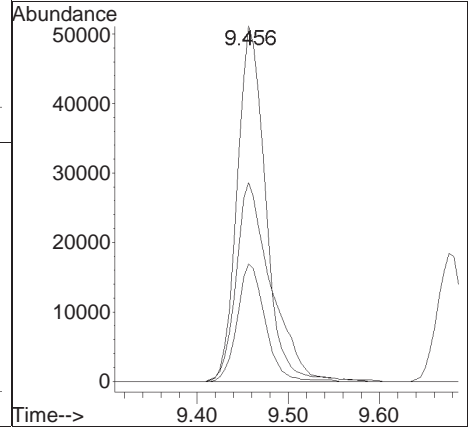
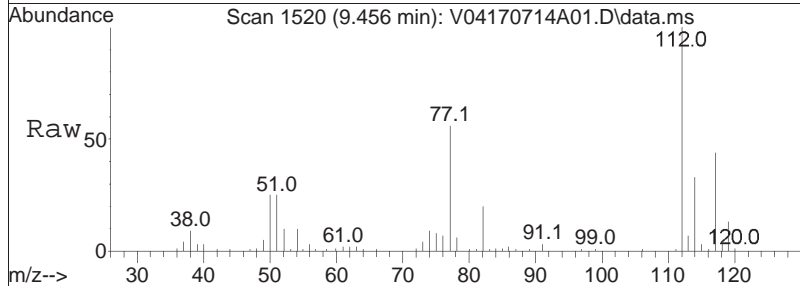
Tgt Ion:	43	Resp:	22971
Ion Ratio	Lower	Upper	
43	100		
58	49.4	46.3	69.5
57	18.6	16.1	24.1

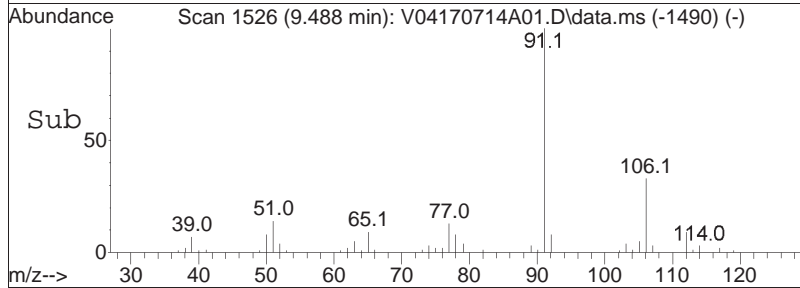
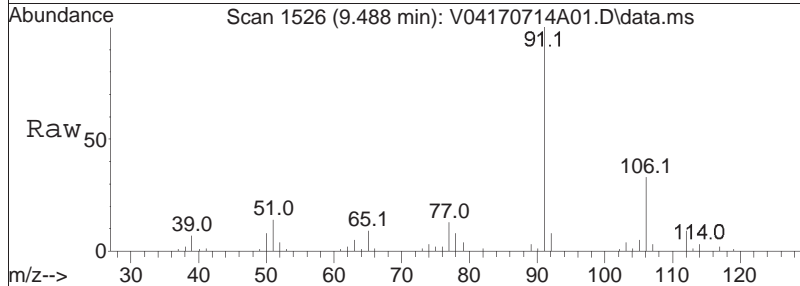
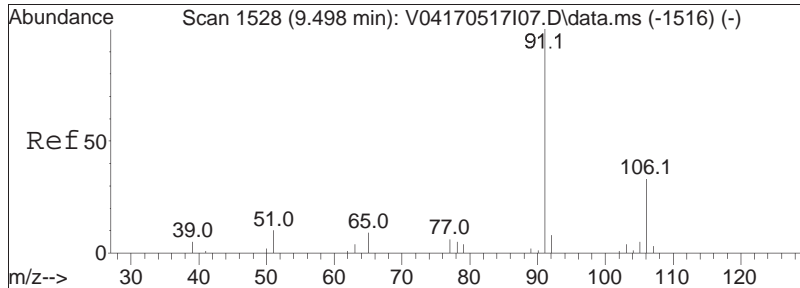




#73
 Chlorobenzene
 Concen: 19.10 ug/L
 RT: 9.456 min Scan# 1520
 Delta R.T. -0.006 min
 Lab File: V04170714A01.D
 Acq: 14 Jul 2017 7:42

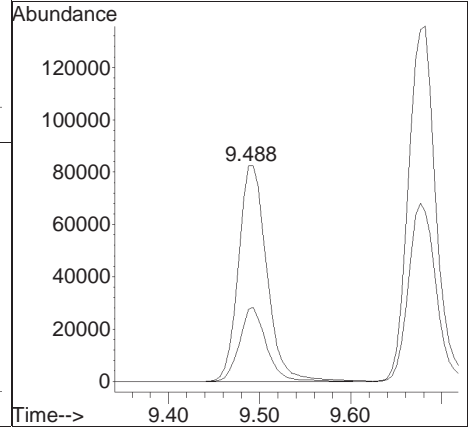
Tgt Ion	Ratio	Lower	Upper
112	100		
77	69.7	54.7	82.1
114	32.5	25.4	38.2

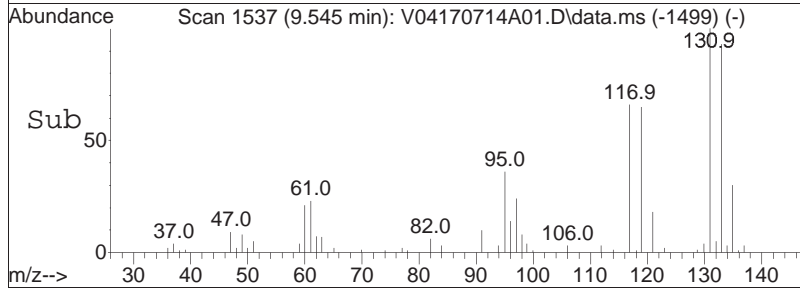
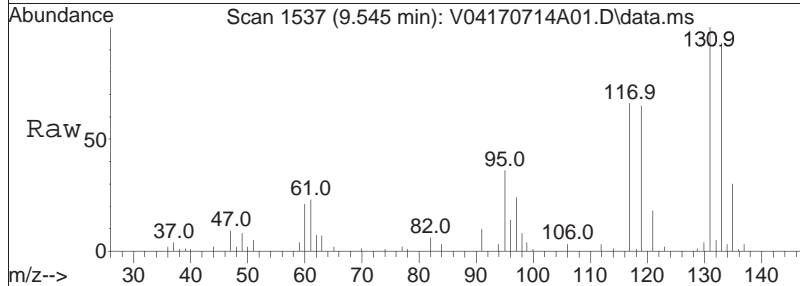
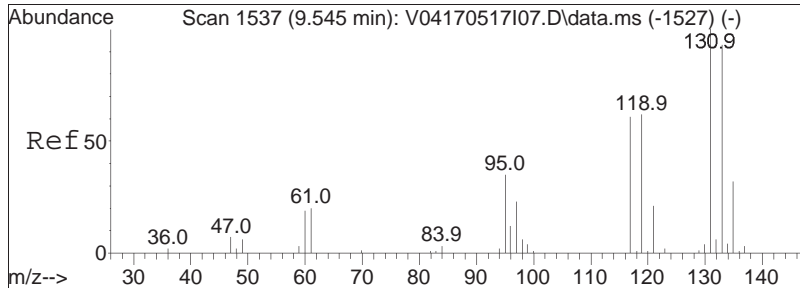




#74
 Ethylbenzene
 Concen: 19.77 ug/L
 RT: 9.488 min Scan# 1526
 Delta R.T. -0.010 min
 Lab File: V04170714A01.D
 Acq: 14 Jul 2017 7:42

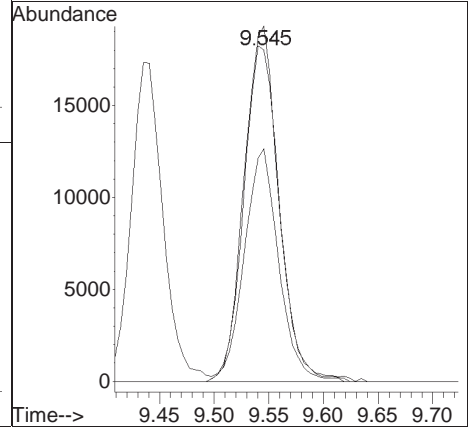
Tgt Ion: 91 Resp: 178926
 Ion Ratio Lower Upper
 91 100
 106 32.3 25.8 38.8

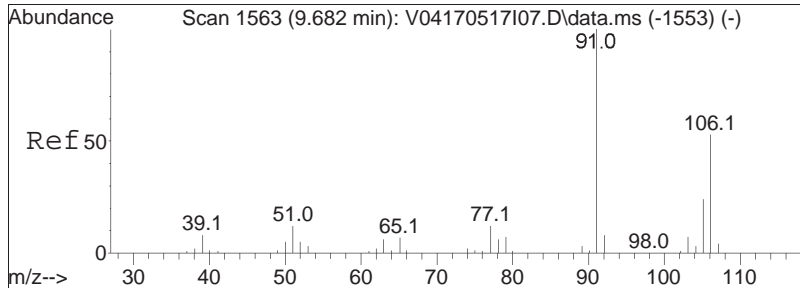




#75
 1,1,1,2-Tetrachloroethane
 Concen: 19.66 ug/L
 RT: 9.545 min Scan# 1537
 Delta R.T. 0.000 min
 Lab File: V04170714A01.D
 Acq: 14 Jul 2017 7:42

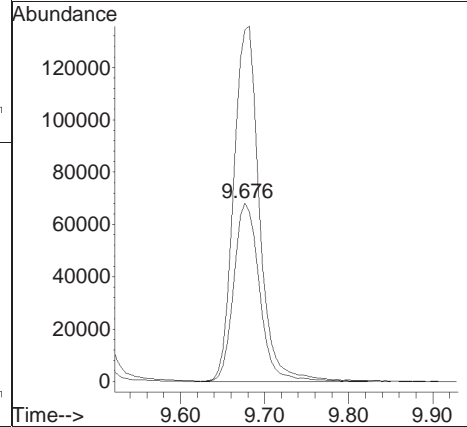
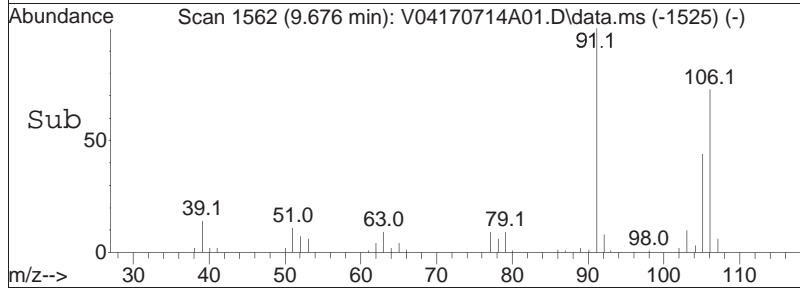
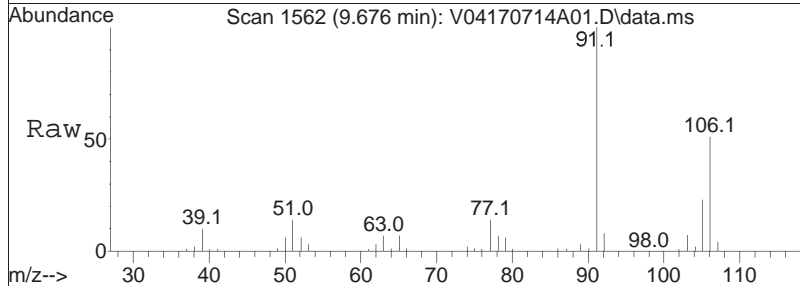
Tgt Ion	Resp	Lower	Upper
131	42886		
131	100		
133	96.4	77.7	117.7
119	64.5	45.6	85.6

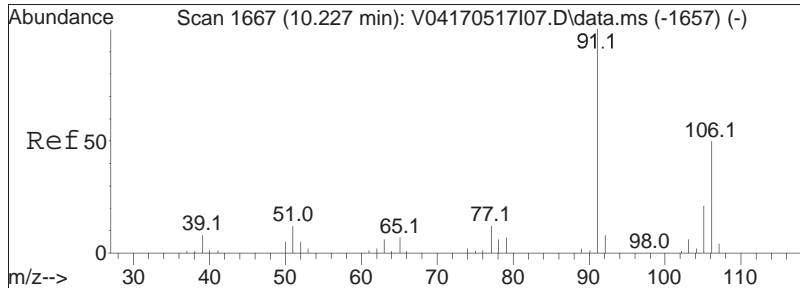




#76
 p/m Xylene
 Concen: 39.63 ug/L
 RT: 9.676 min Scan# 1562
 Delta R.T. -0.006 min
 Lab File: V04170714A01.D
 Acq: 14 Jul 2017 7:42

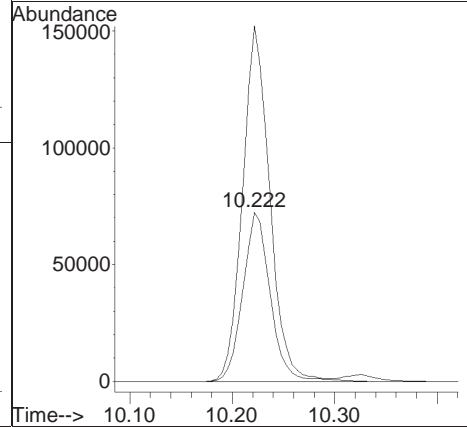
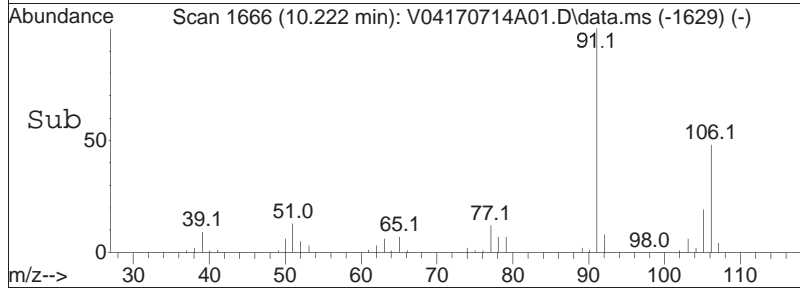
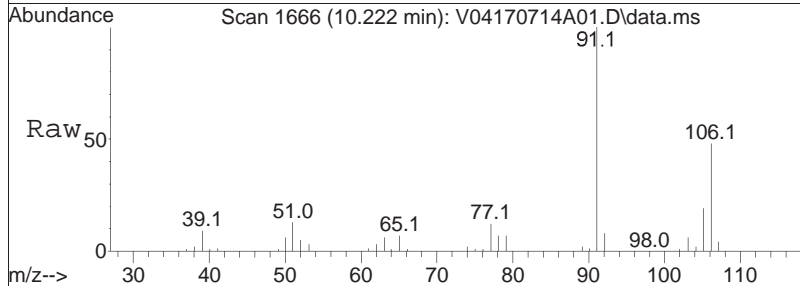
Tgt Ion	Resp	Lower	Upper
106	145273		
91	198.4	155.4	233.0

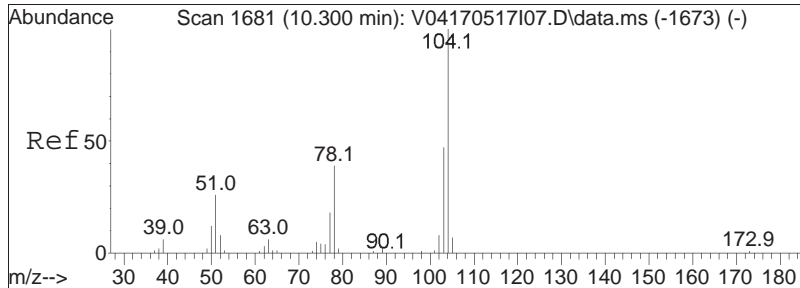




#77
 o Xylene
 Concen: 38.60 ug/L
 RT: 10.222 min Scan# 1666
 Delta R.T. -0.005 min
 Lab File: V04170714A01.D
 Acq: 14 Jul 2017 7:42

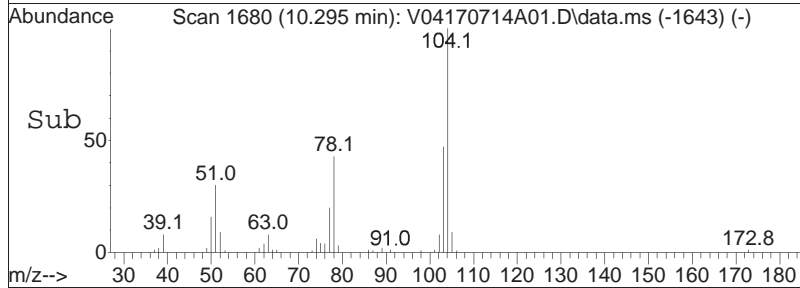
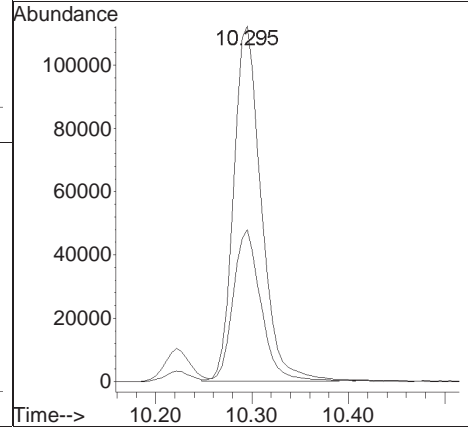
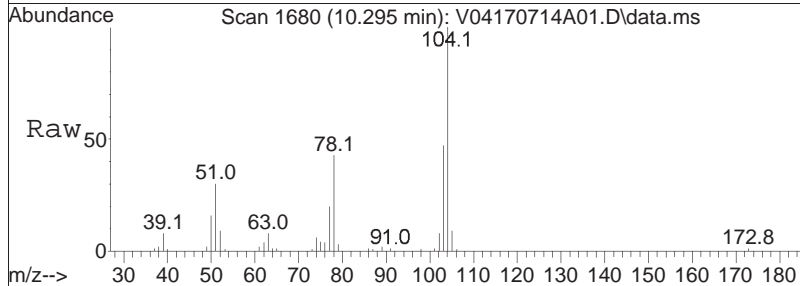
Tgt Ion	106	91	Resp	134864
Ratio	100	207.8	Lower	Upper
			164.9	247.3

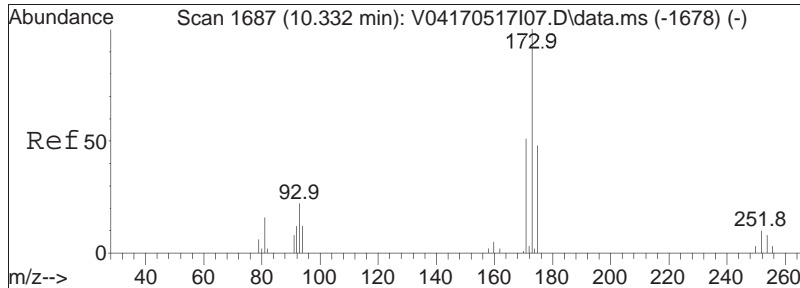




#78
 Styrene
 Concen: 38.28 ug/L
 RT: 10.295 min Scan# 1680
 Delta R.T. -0.005 min
 Lab File: V04170714A01.D
 Acq: 14 Jul 2017 7:42

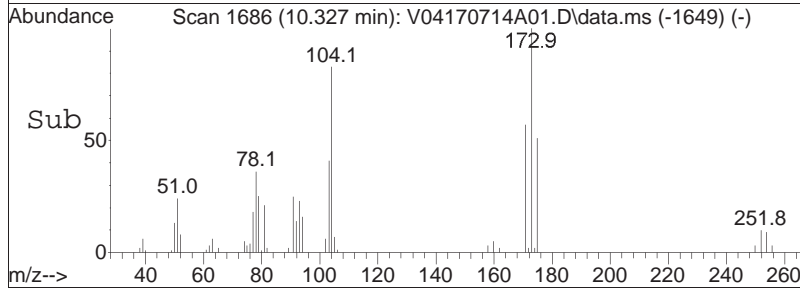
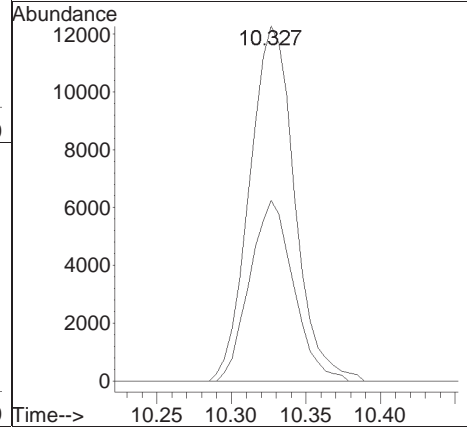
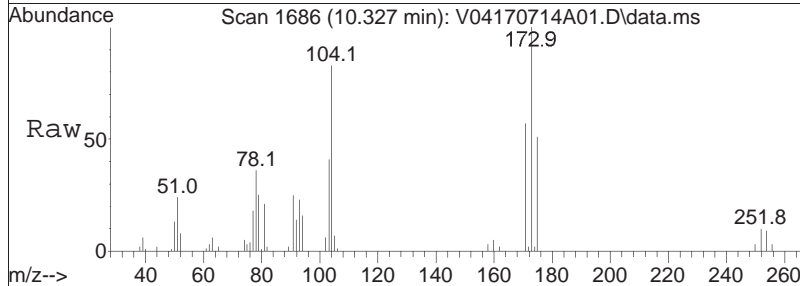
Tgt Ion	104	78	Ratio	Lower	Upper
Resp:	223359				
Ion Ratio	100	42.5		33.0	49.4

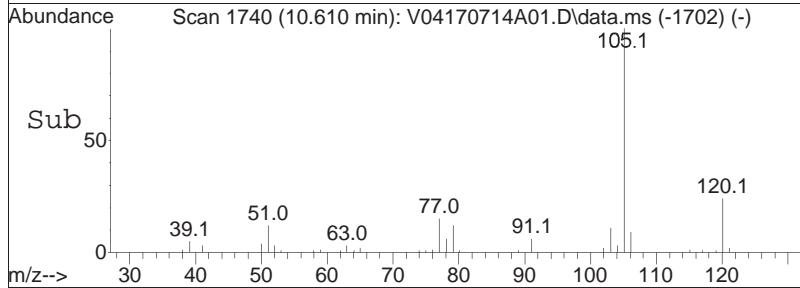
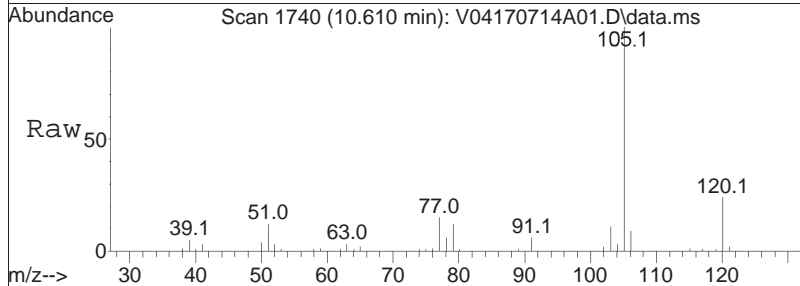
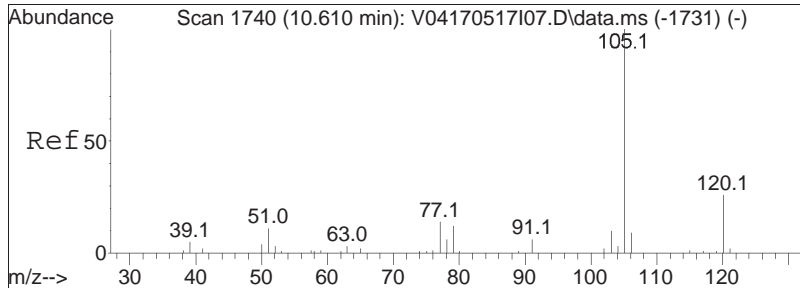




#80
 Bromoform
 Concen: 17.59 ug/L
 RT: 10.327 min Scan# 1686
 Delta R.T. -0.005 min
 Lab File: V04170714A01.D
 Acq: 14 Jul 2017 7:42

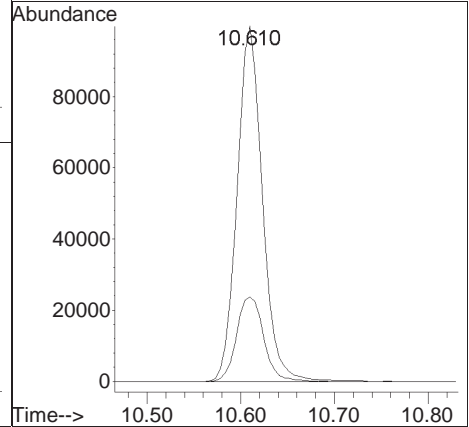
Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.5	28.1	68.1

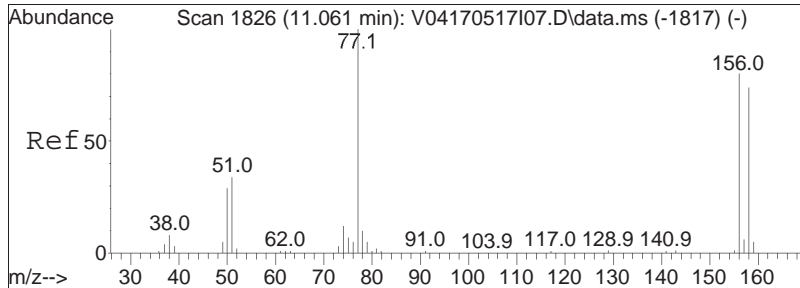




#82
 Isopropylbenzene
 Concen: 19.68 ug/L
 RT: 10.610 min Scan# 1740
 Delta R.T. -0.000 min
 Lab File: V04170714A01.D
 Acq: 14 Jul 2017 7:42

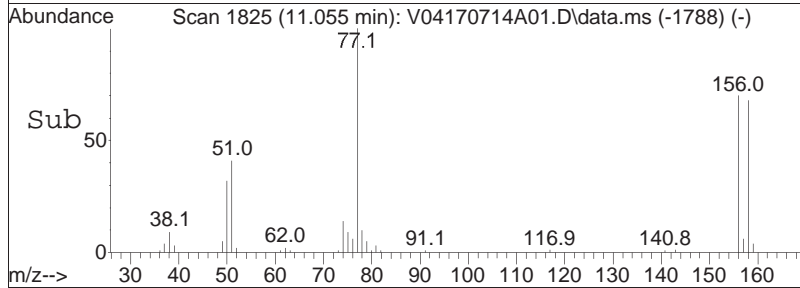
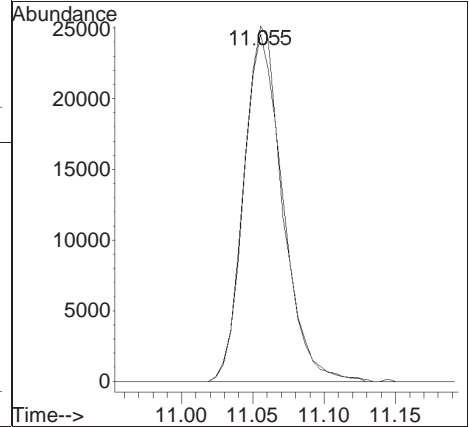
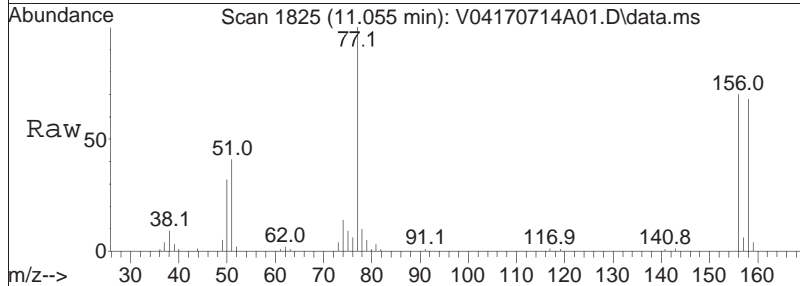
Tgt Ion	Resp	Lower	Upper
105	187178		
120	25.4	6.3	46.3

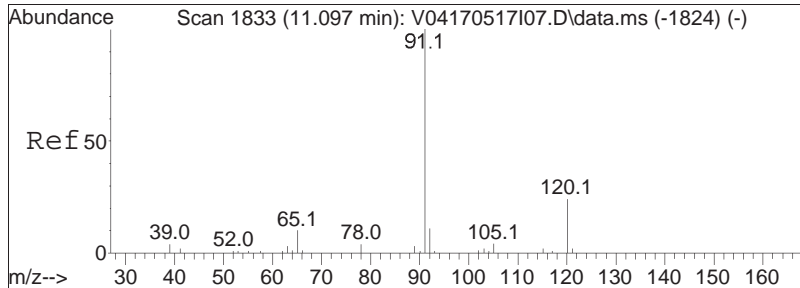




#84
 Bromobenzene
 Concen: 18.33 ug/L
 RT: 11.055 min Scan# 1825
 Delta R.T. -0.006 min
 Lab File: V04170714A01.D
 Acq: 14 Jul 2017 7:42

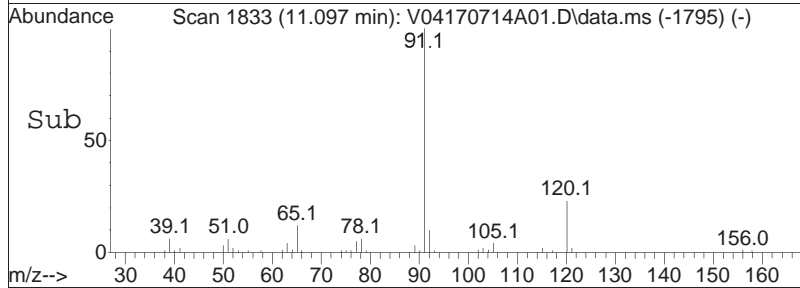
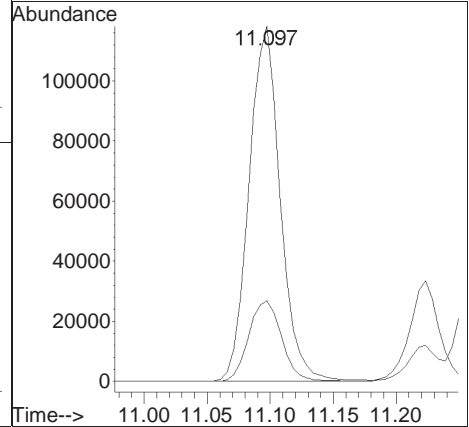
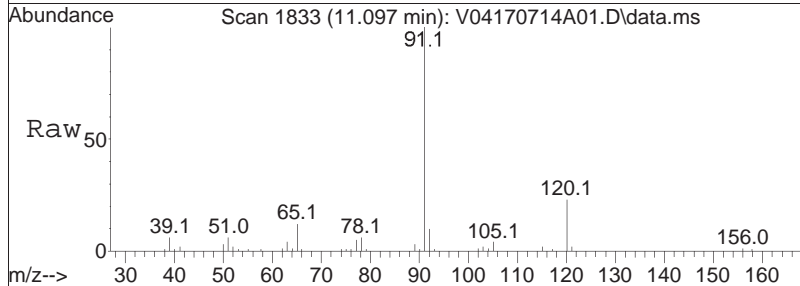
Tgt Ion	Resp	Lower	Upper
156	100		
158	96.6	78.2	117.4

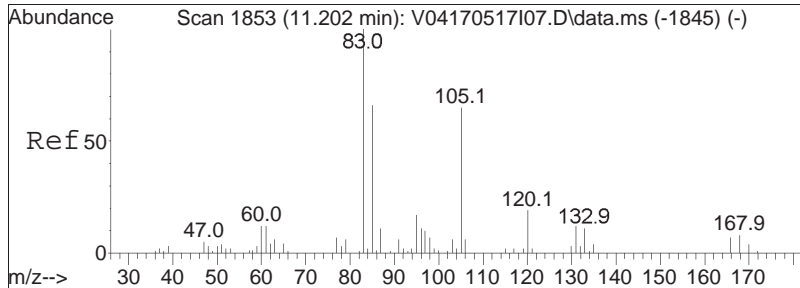




#85
 n-Propylbenzene
 Concen: 19.33 ug/L
 RT: 11.097 min Scan# 1833
 Delta R.T. 0.000 min
 Lab File: V04170714A01.D
 Acq: 14 Jul 2017 7:42

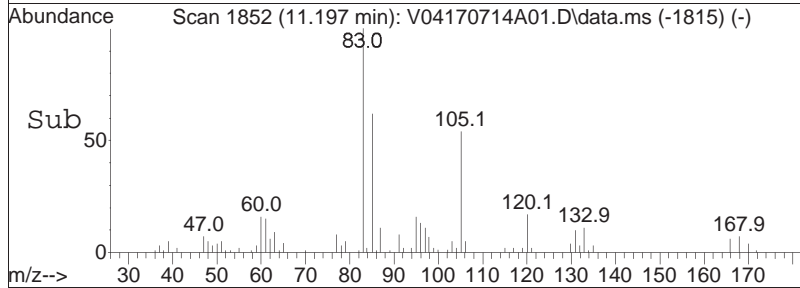
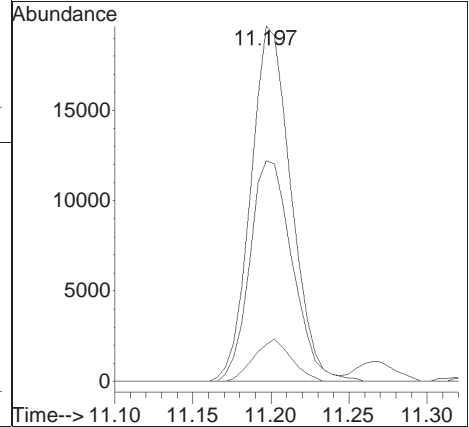
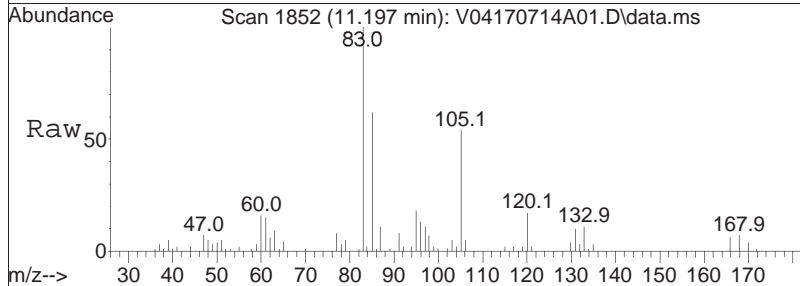
Tgt Ion: 91 Resp: 204034
 Ion Ratio Lower Upper
 91 100
 120 23.8 19.1 28.7

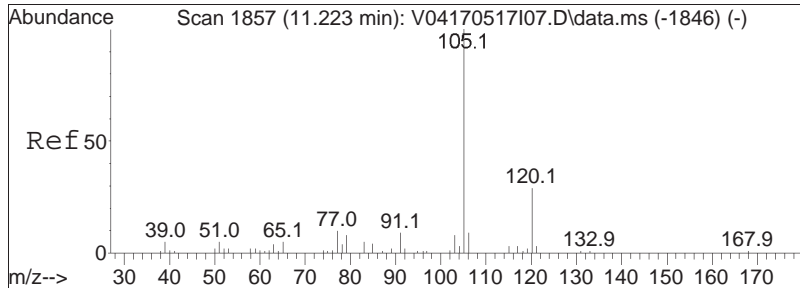




#87
 1,1,2,2-Tetrachloroethane
 Concen: 16.65 ug/L
 RT: 11.197 min Scan# 1852
 Delta R.T. -0.005 min
 Lab File: V04170714A01.D
 Acq: 14 Jul 2017 7:42

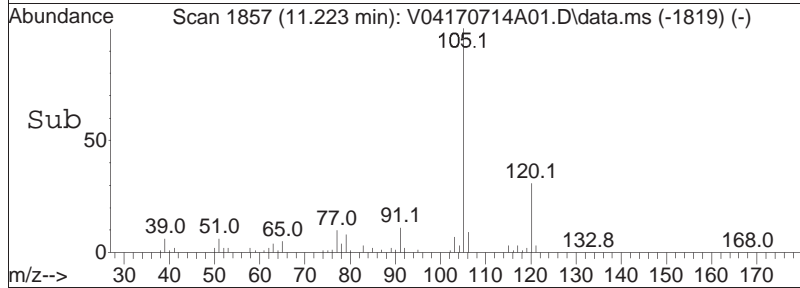
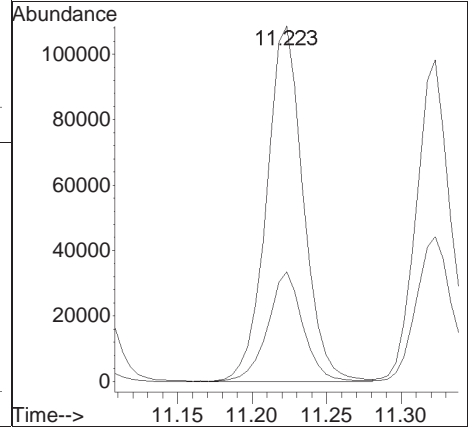
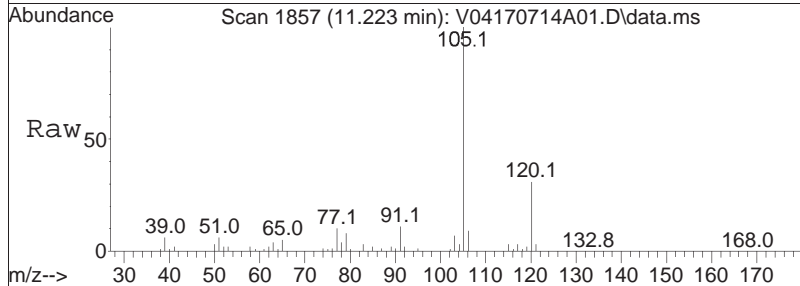
Tgt Ion	Resp	Lower	Upper
83	35380		
131	11.1	0.0	30.9
85	65.4	45.3	85.3

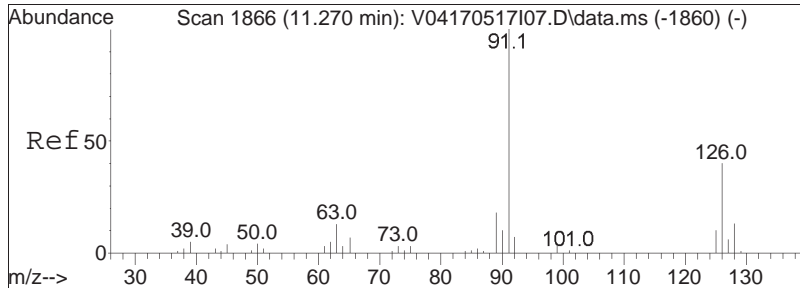




#88
 4-Ethyltoluene
 Concen: 20.33 ug/L
 RT: 11.223 min Scan# 1857
 Delta R.T. 0.000 min
 Lab File: V04170714A01.D
 Acq: 14 Jul 2017 7:42

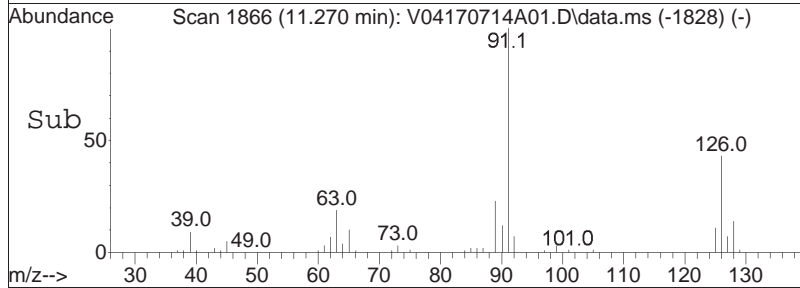
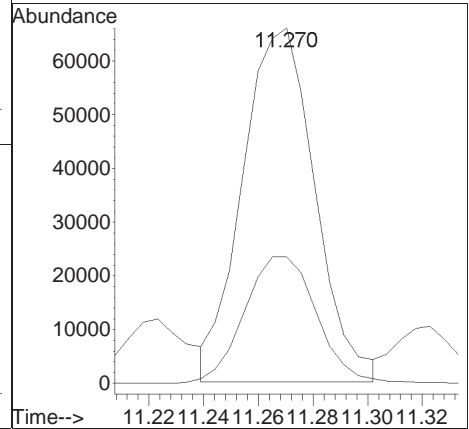
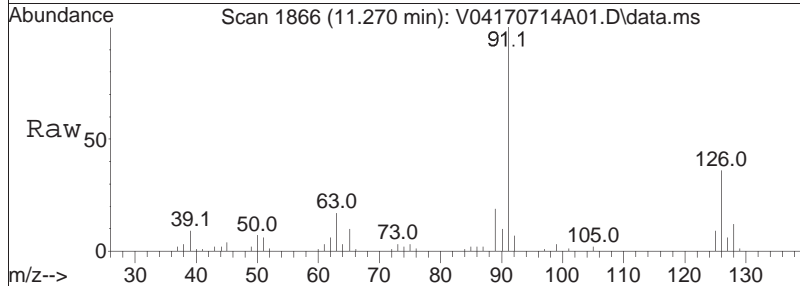
Tgt Ion	Resp	Lower	Upper
105	100		
120	29.5	19.5	40.5

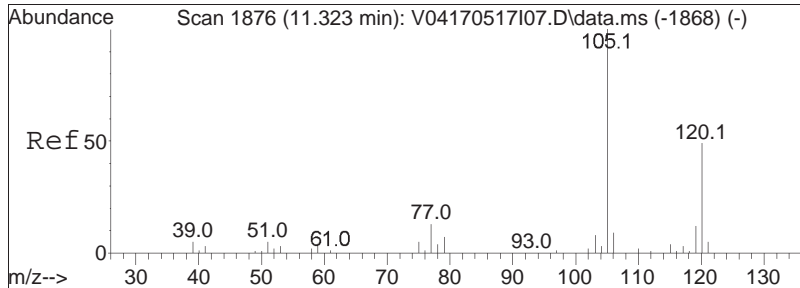




#89
 2-Chlorotoluene
 Concen: 18.89 ug/L
 RT: 11.270 min Scan# 1866
 Delta R.T. 0.000 min
 Lab File: V04170714A01.D
 Acq: 14 Jul 2017 7:42

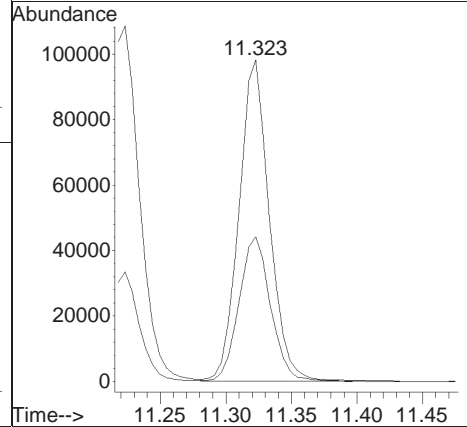
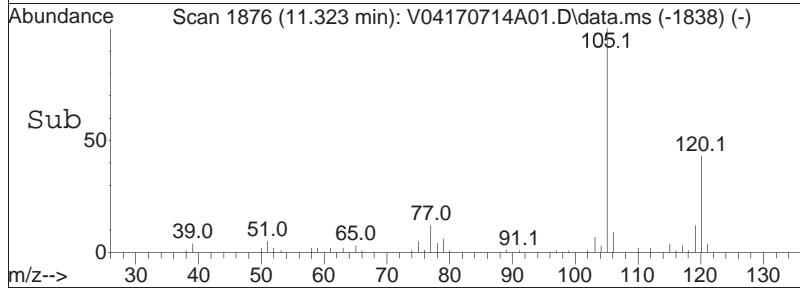
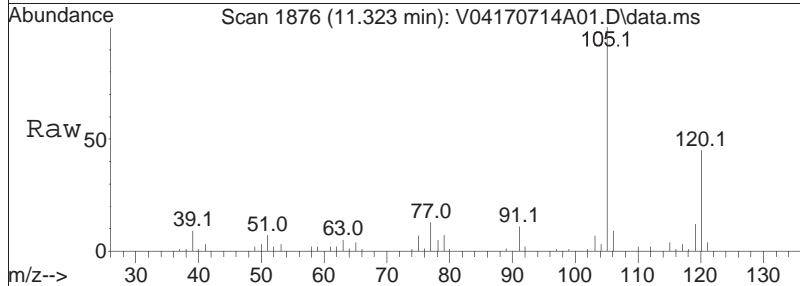
Tgt Ion	Resp	Lower	Upper
91	100		
126	36.0	29.4	44.0

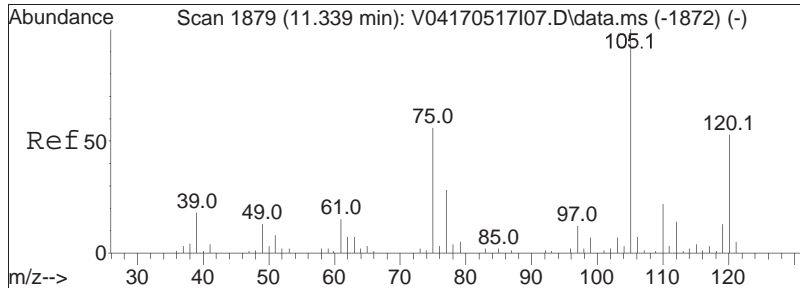




#90
 1,3,5-Trimethylbenzene
 Concen: 19.76 ug/L
 RT: 11.323 min Scan# 1876
 Delta R.T. -0.000 min
 Lab File: V04170714A01.D
 Acq: 14 Jul 2017 7:42

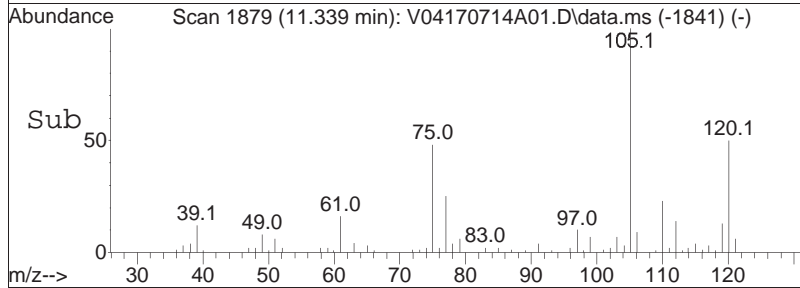
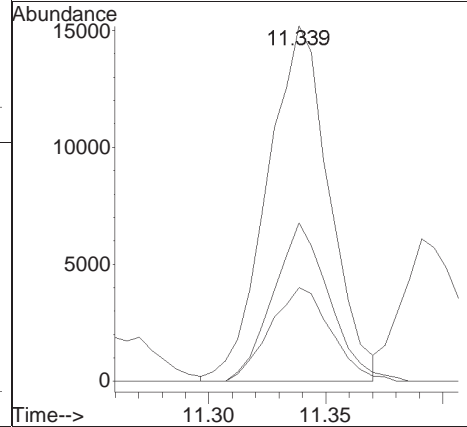
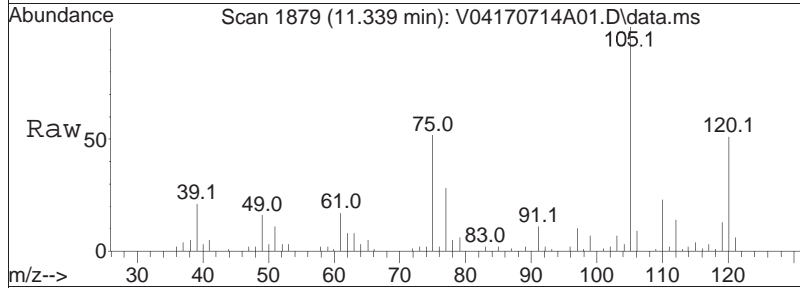
Tgt Ion	Resp	Lower	Upper
105	100		
120	47.0	38.9	58.3

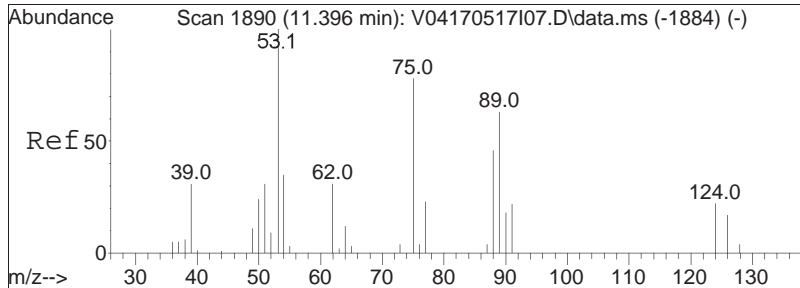




#91
 1,2,3-Trichloropropane
 Concen: 17.91 ug/L
 RT: 11.339 min Scan# 1879
 Delta R.T. -0.001 min
 Lab File: V04170714A01.D
 Acq: 14 Jul 2017 7:42

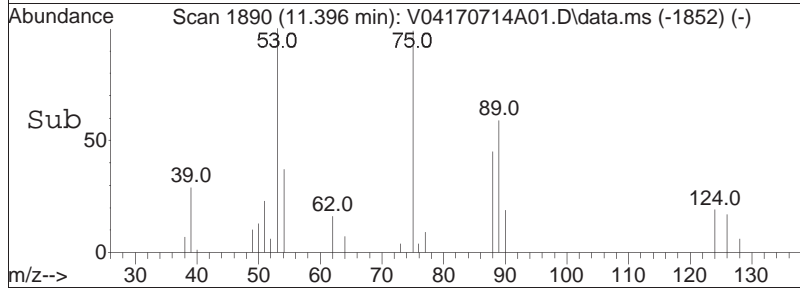
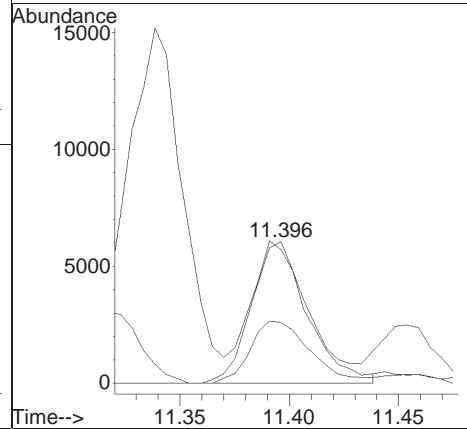
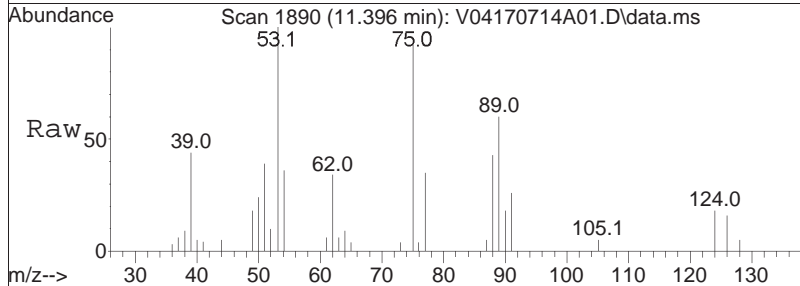
Tgt Ion	Resp	Lower	Upper
75	100		
110	40.3	23.7	49.3
112	26.0	15.0	31.2

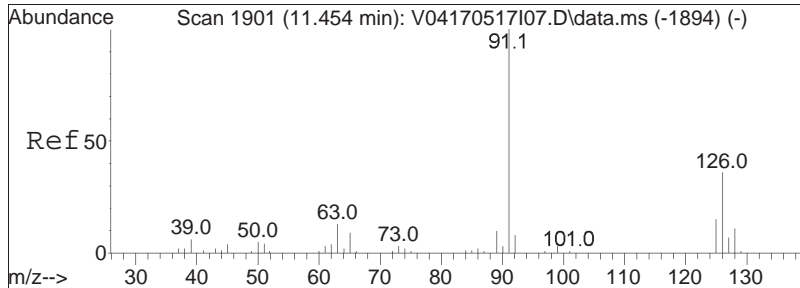




#92
 trans-1,4-Dichloro-2-butene
 Concen: 18.47 ug/L
 RT: 11.396 min Scan# 1890
 Delta R.T. 0.000 min
 Lab File: V04170714A01.D
 Acq: 14 Jul 2017 7:42

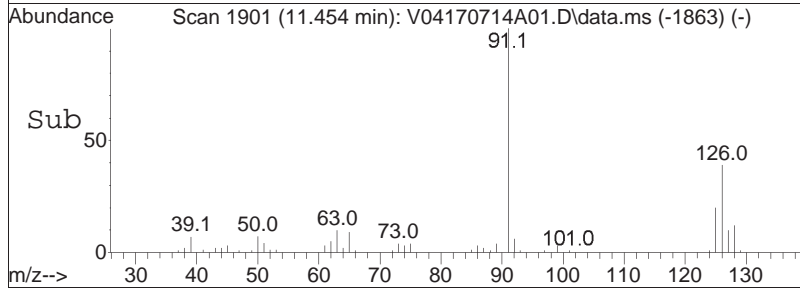
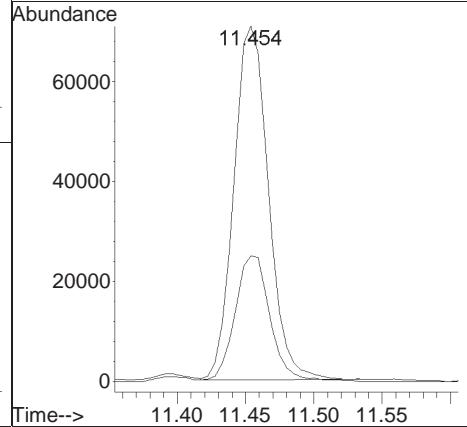
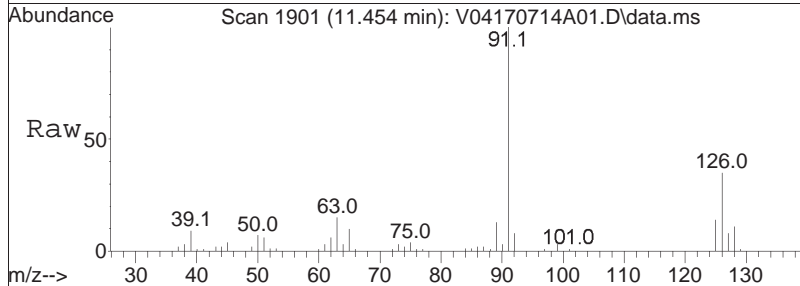
Tgt Ion	Resp	Lower	Upper
53	10814		
53	100		
88	46.7	33.1	49.7
75	99.4	89.1	133.7

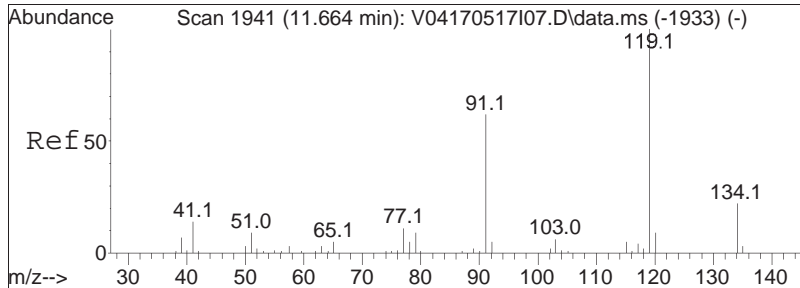




#93
 4-Chlorotoluene
 Concen: 19.29 ug/L
 RT: 11.454 min Scan# 1901
 Delta R.T. -0.000 min
 Lab File: V04170714A01.D
 Acq: 14 Jul 2017 7:42

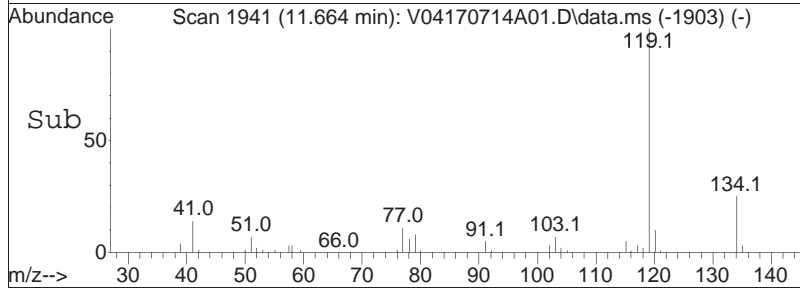
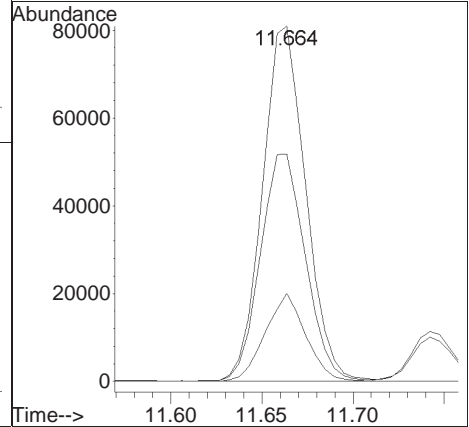
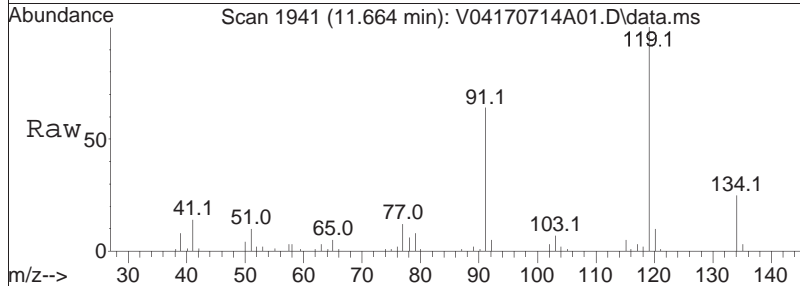
Tgt Ion: 91 Resp: 124558
 Ion Ratio Lower Upper
 91 100
 126 36.2 28.9 43.3

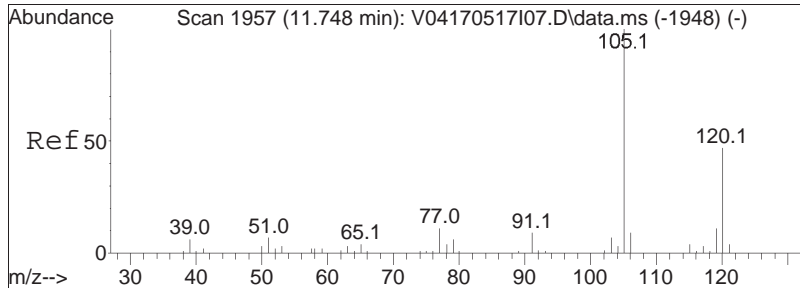




#94
 tert-Butylbenzene
 Concen: 19.94 ug/L
 RT: 11.664 min Scan# 1941
 Delta R.T. -0.000 min
 Lab File: V04170714A01.D
 Acq: 14 Jul 2017 7:42

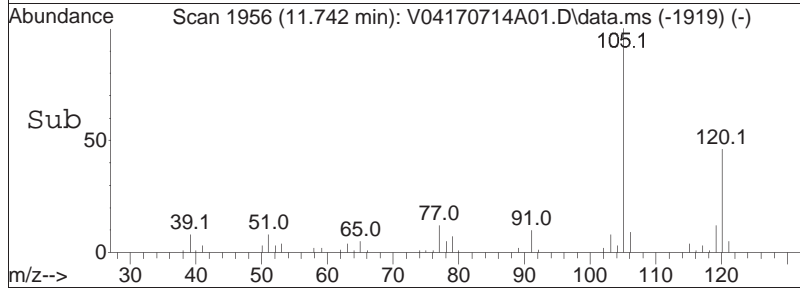
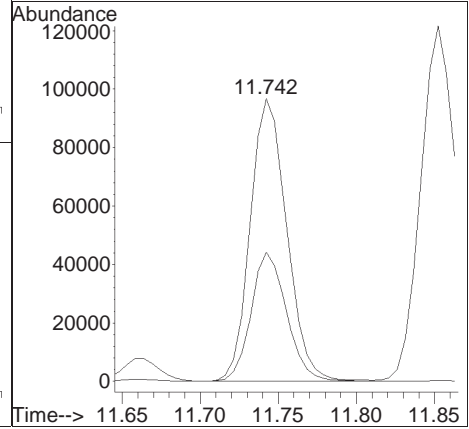
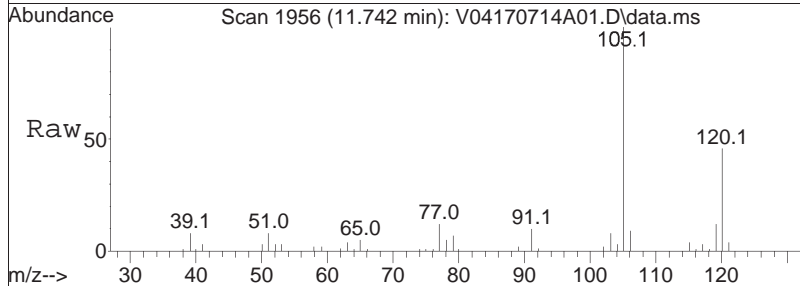
Tgt Ion	Resp	Lower	Upper
119	100		
91	66.9	51.4	77.0
134	23.2	19.8	29.6

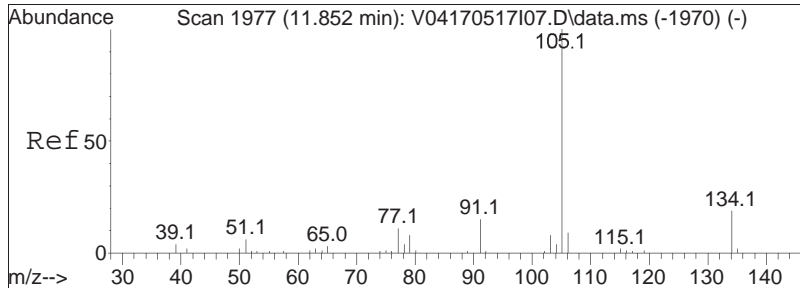




#97
 1,2,4-Trimethylbenzene
 Concen: 19.80 ug/L
 RT: 11.742 min Scan# 1956
 Delta R.T. -0.006 min
 Lab File: V04170714A01.D
 Acq: 14 Jul 2017 7:42

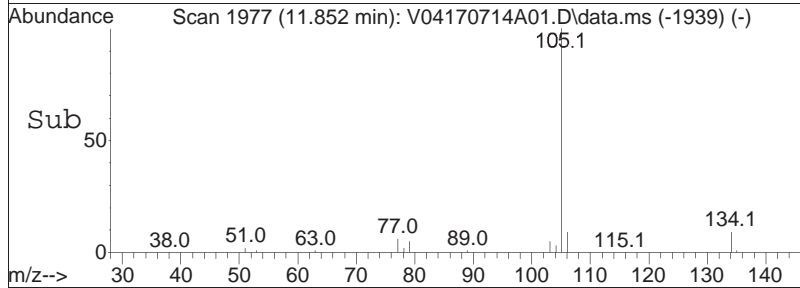
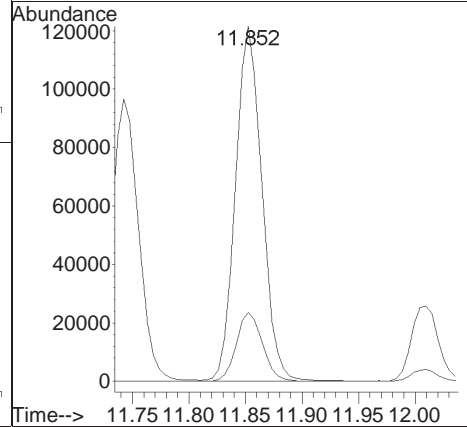
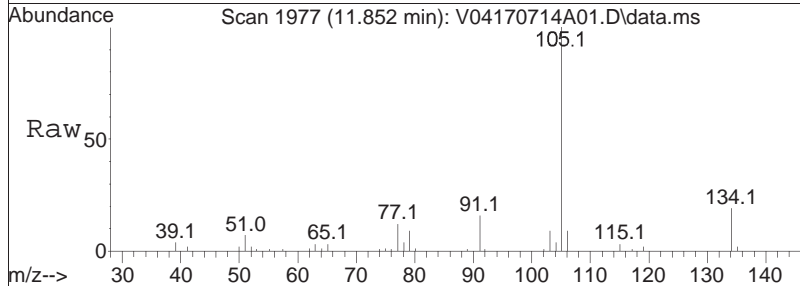
Tgt Ion:	105	Resp:	157582
Ion Ratio	Lower	Upper	
105	100		
120	44.3	36.8	55.2

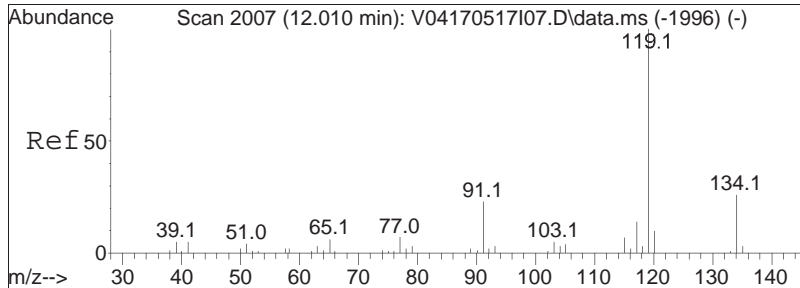




#98
 sec-Butylbenzene
 Concen: 19.95 ug/L
 RT: 11.852 min Scan# 1977
 Delta R.T. 0.000 min
 Lab File: V04170714A01.D
 Acq: 14 Jul 2017 7:42

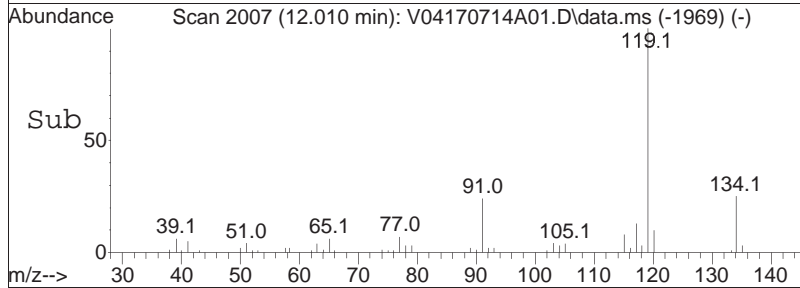
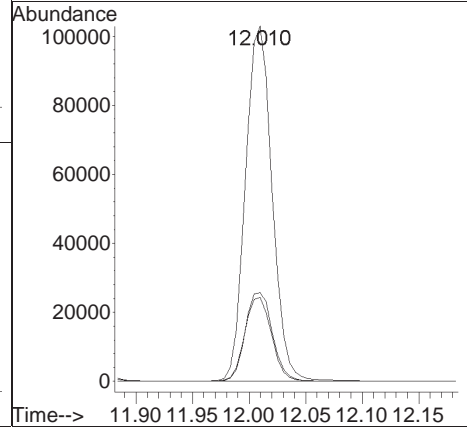
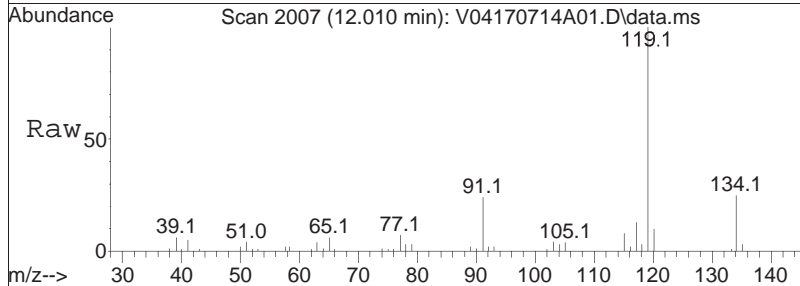
Tgt Ion	Resp	Lower	Upper
105	100		
134	19.1	12.9	26.9

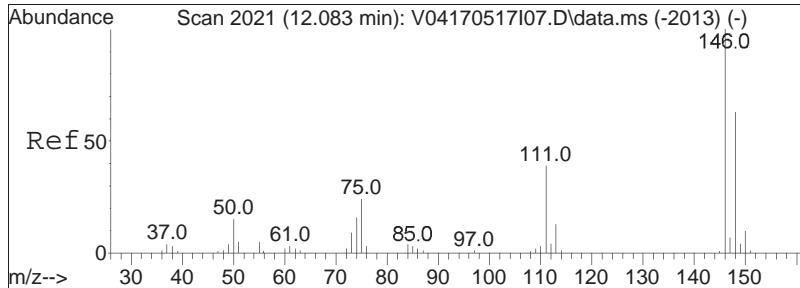




#99
 p-Isopropyltoluene
 Concen: 19.79 ug/L
 RT: 12.010 min Scan# 2007
 Delta R.T. -0.000 min
 Lab File: V04170714A01.D
 Acq: 14 Jul 2017 7:42

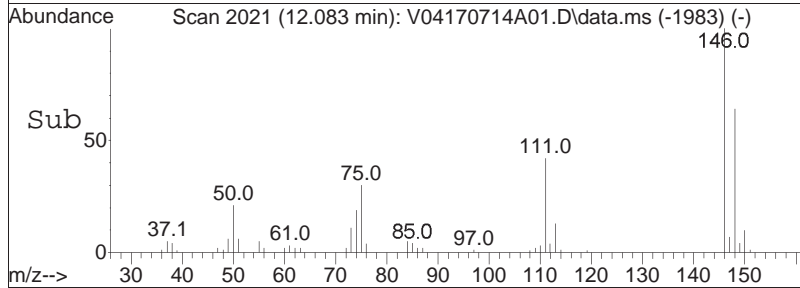
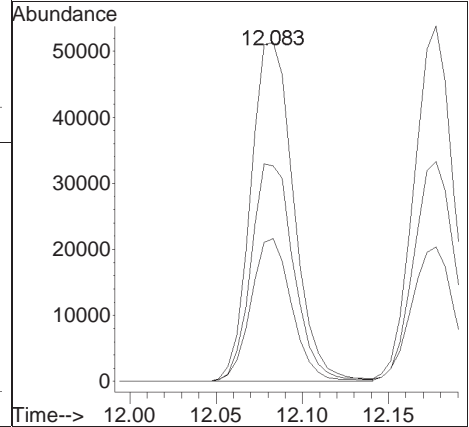
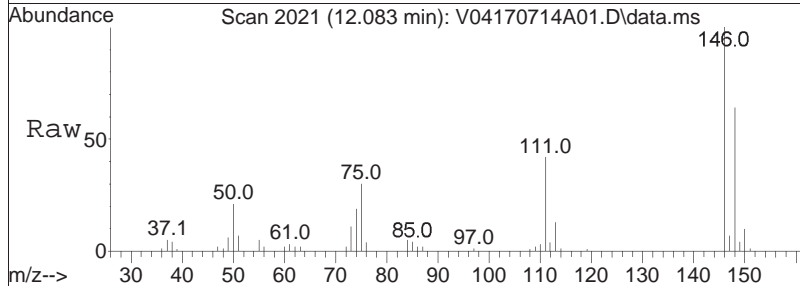
Tgt Ion	Resp	Lower	Upper
119	100		
134	25.5	17.2	35.8
91	23.8	14.4	30.0

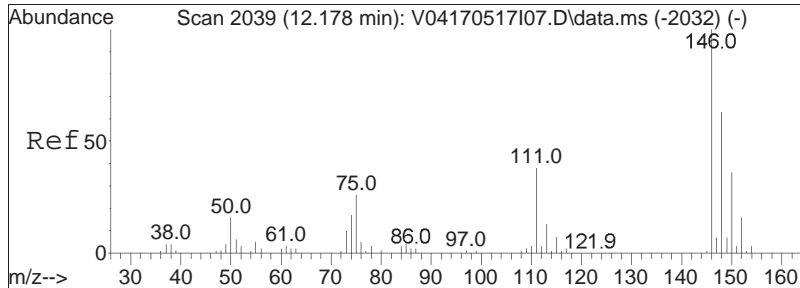




#100
 1,3-Dichlorobenzene
 Concen: 18.56 ug/L
 RT: 12.083 min Scan# 2021
 Delta R.T. 0.000 min
 Lab File: V04170714A01.D
 Acq: 14 Jul 2017 7:42

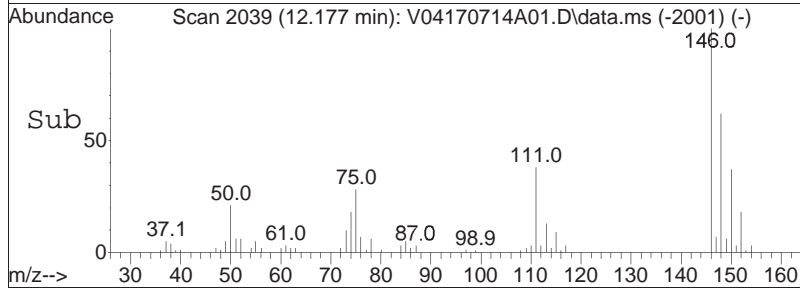
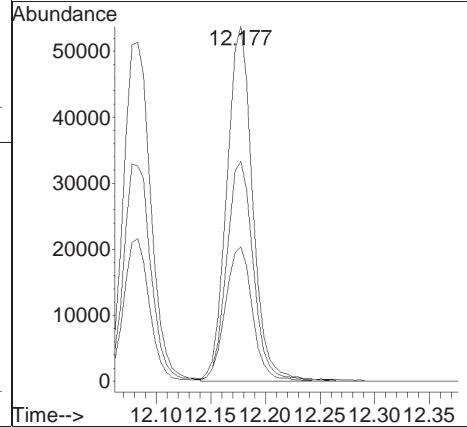
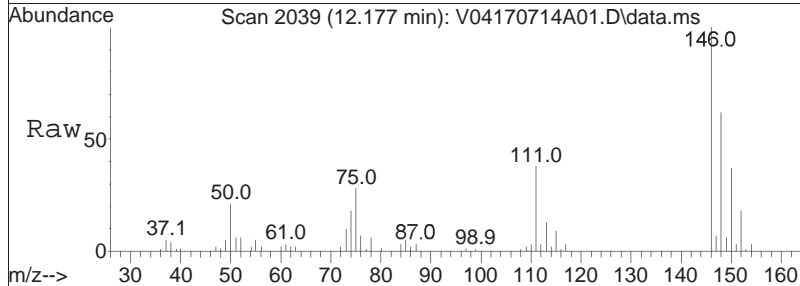
Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.9	24.8	51.6
148	63.5	41.2	85.6

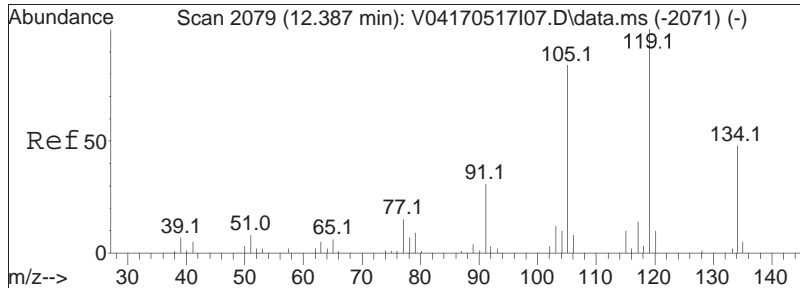




#101
 1,4-Dichlorobenzene
 Concen: 18.27 ug/L
 RT: 12.177 min Scan# 2039
 Delta R.T. -0.001 min
 Lab File: V04170714A01.D
 Acq: 14 Jul 2017 7:42

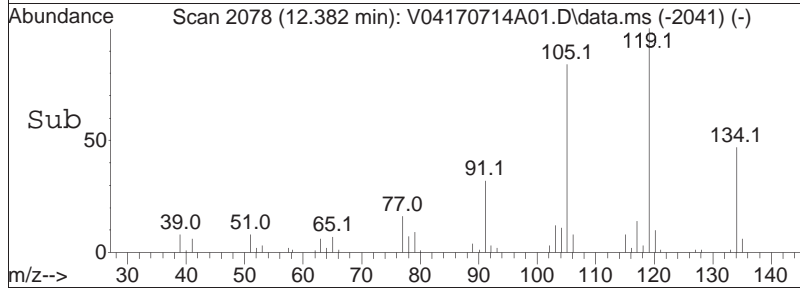
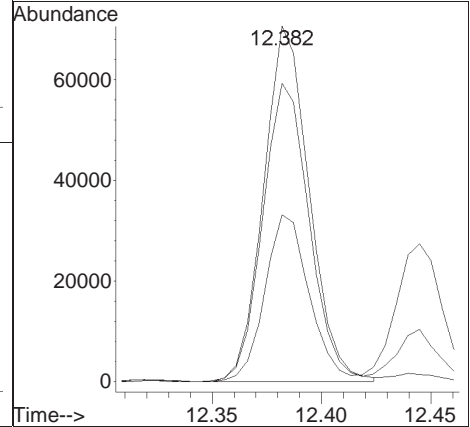
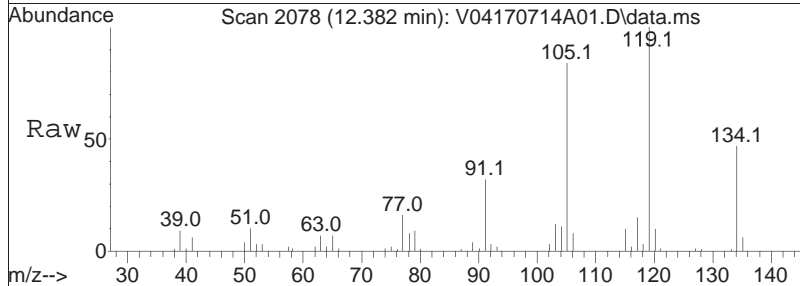
Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.7	30.6	45.8
148	64.0	51.0	76.4

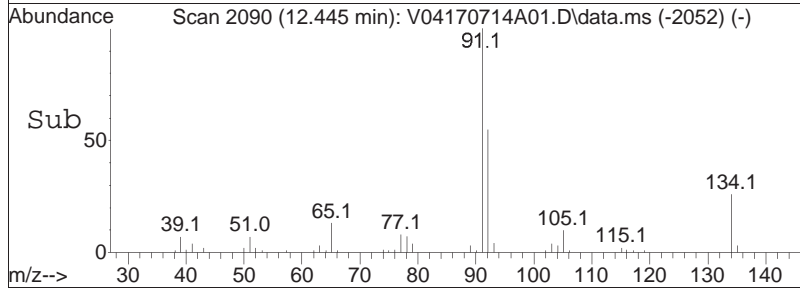
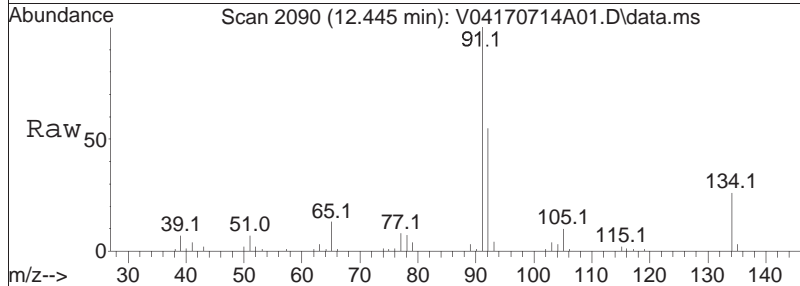
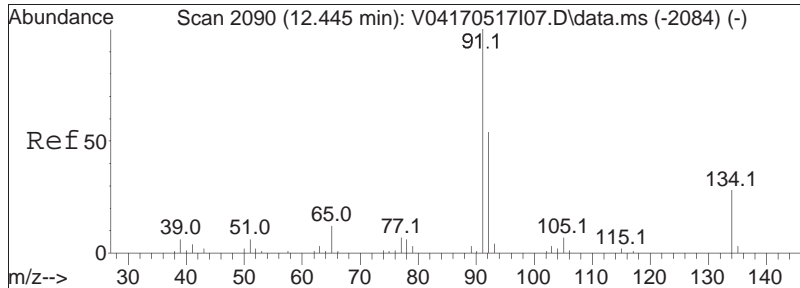




#102
 p-Diethylbenzene
 Concen: 20.43 ug/L
 RT: 12.382 min Scan# 2078
 Delta R.T. -0.005 min
 Lab File: V04170714A01.D
 Acq: 14 Jul 2017 7:42

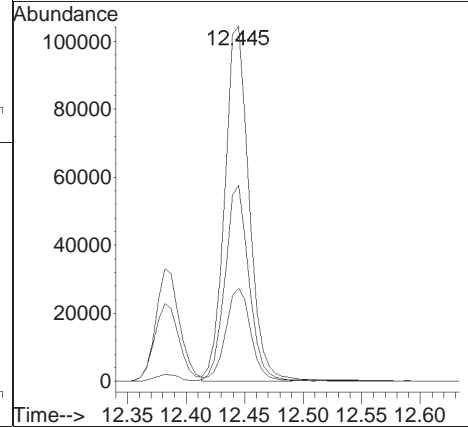
Tgt Ion	Resp	Lower	Upper
119	102487		
119	100		
105	85.6	55.3	114.8
134	45.5	30.7	63.9

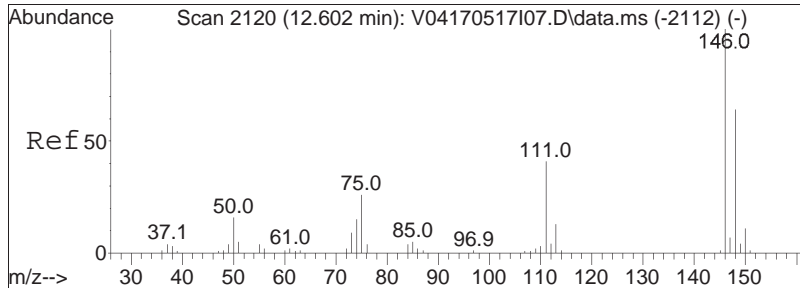




#103
 n-Butylbenzene
 Concen: 20.25 ug/L
 RT: 12.445 min Scan# 2090
 Delta R.T. -0.000 min
 Lab File: V04170714A01.D
 Acq: 14 Jul 2017 7:42

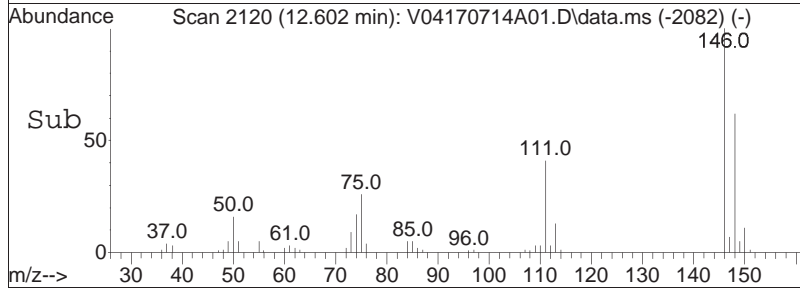
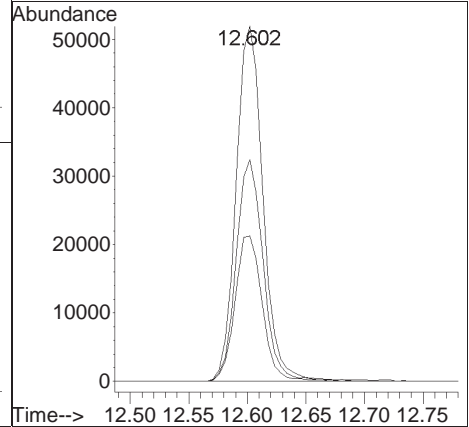
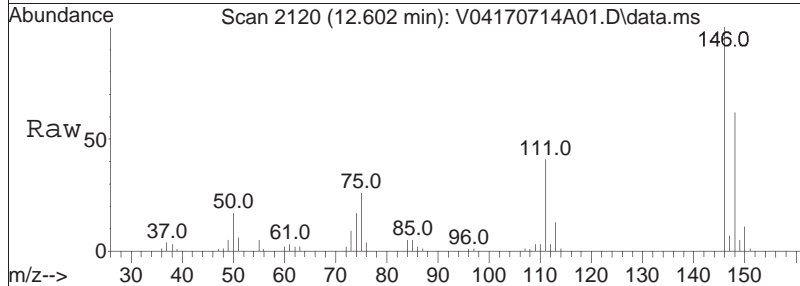
Tgt Ion:	91	92	134	Resp:	151128	Lower	Upper
Ion Ratio	100	54.8	26.8			45.0	67.4
						23.4	35.0

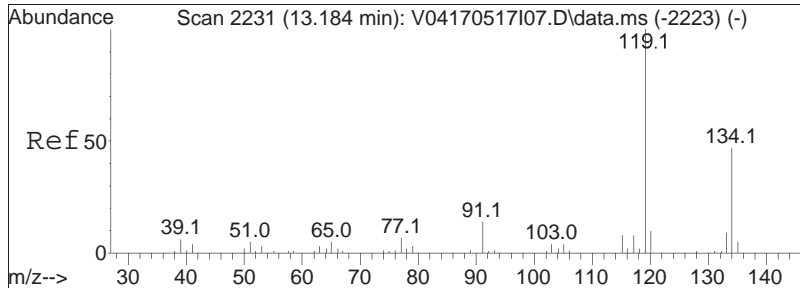




#104
 1,2-Dichlorobenzene
 Concen: 18.65 ug/L
 RT: 12.602 min Scan# 2120
 Delta R.T. 0.000 min
 Lab File: V04170714A01.D
 Acq: 14 Jul 2017 7:42

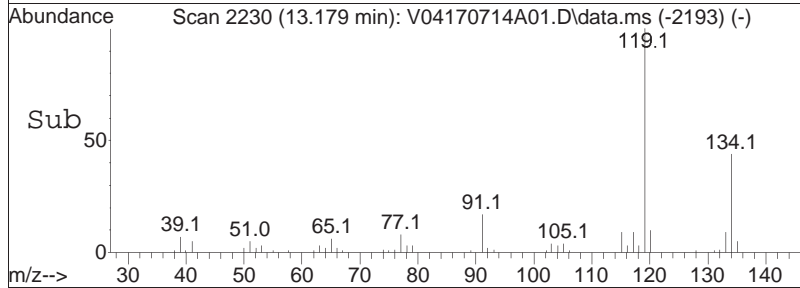
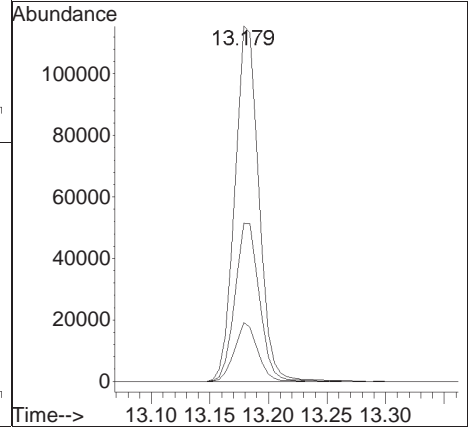
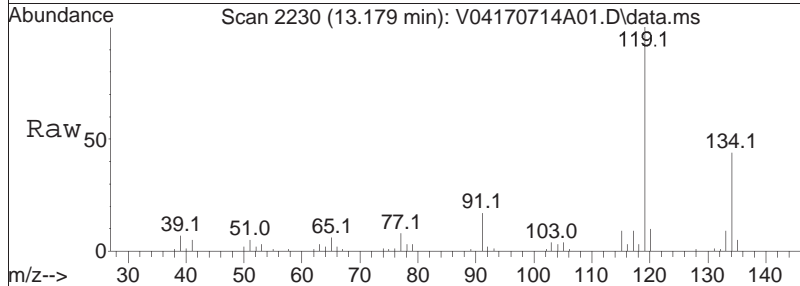
Tgt Ion	Resp	Lower	Upper
146	100		
111	41.5	25.9	53.7
148	62.5	41.5	86.1

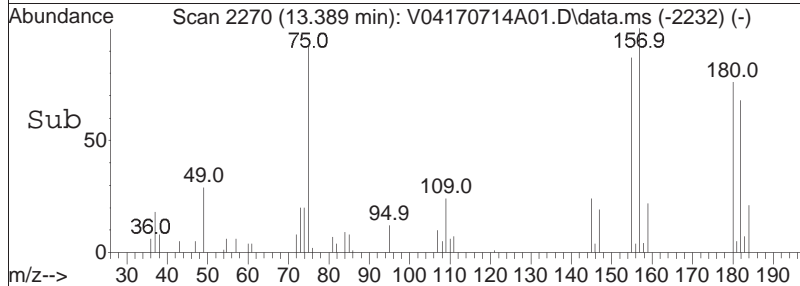
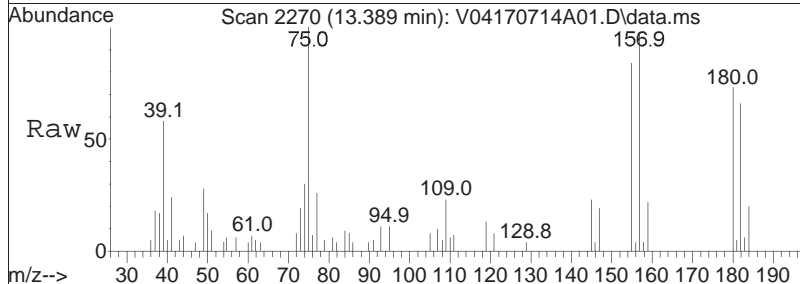
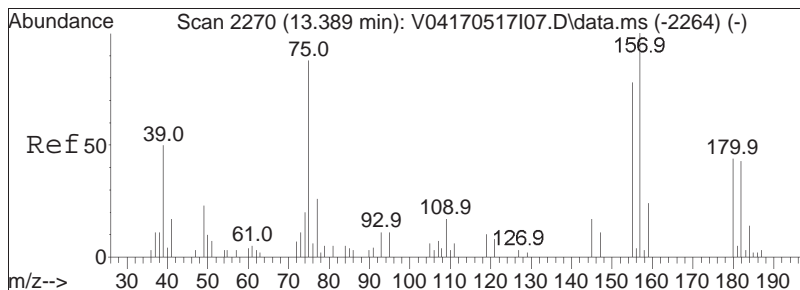




#105
 1,2,4,5-Tetramethylbenzene
 Concen: 20.08 ug/L
 RT: 13.179 min Scan# 2230
 Delta R.T. -0.005 min
 Lab File: V04170714A01.D
 Acq: 14 Jul 2017 7:42

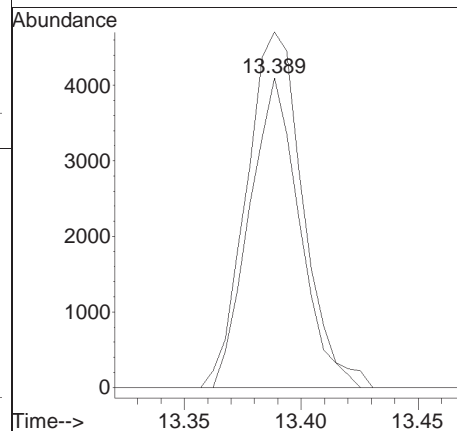
Tgt Ion	Resp	Lower	Upper
119	100		
134	45.2	31.6	65.6
91	15.9	9.8	20.3

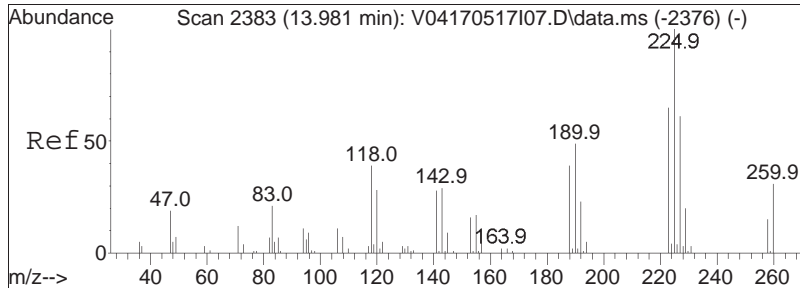




#106
 1,2-Dibromo-3-chloropropane
 Concen: 16.70 ug/L
 RT: 13.389 min Scan# 2270
 Delta R.T. -0.000 min
 Lab File: V04170714A01.D
 Acq: 14 Jul 2017 7:42

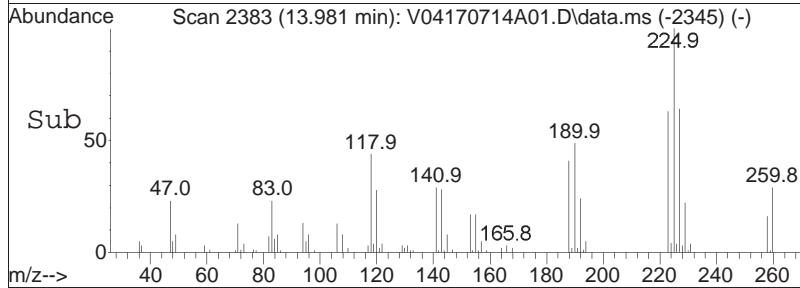
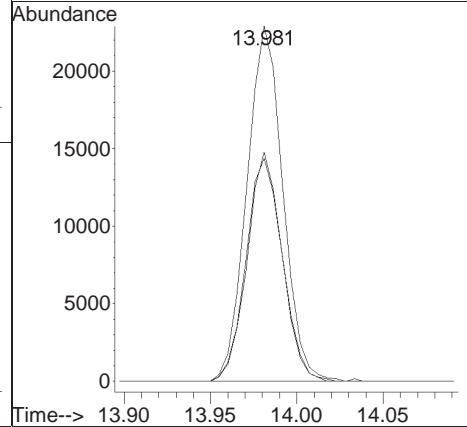
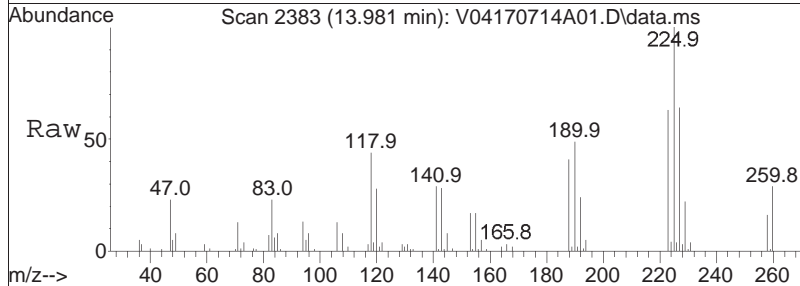
Tgt Ion	Ratio	Lower	Upper
155	100		
157	129.8	104.3	156.5

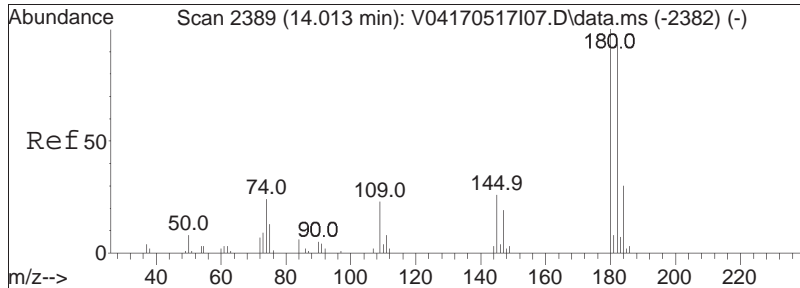




#108
 Hexachlorobutadiene
 Concen: 19.90 ug/L
 RT: 13.981 min Scan# 2383
 Delta R.T. -0.000 min
 Lab File: V04170714A01.D
 Acq: 14 Jul 2017 7:42

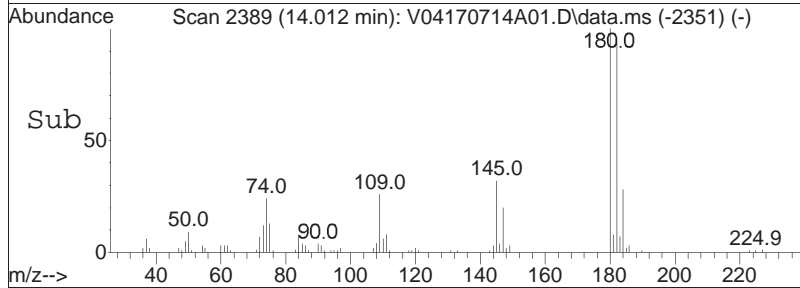
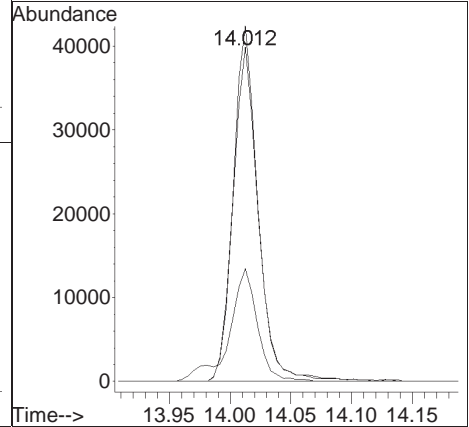
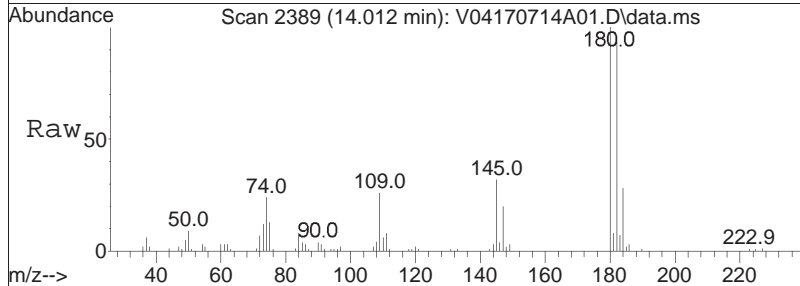
Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.2	75.2
227	63.1	51.0	76.6

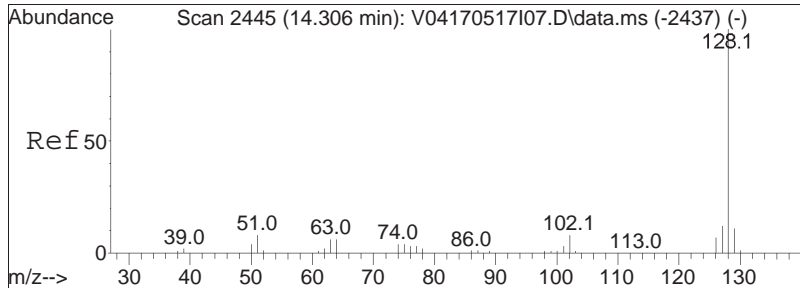




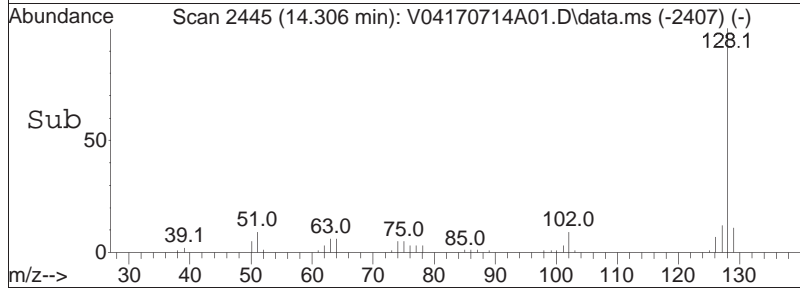
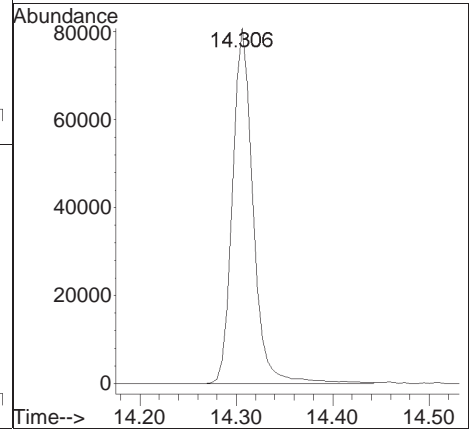
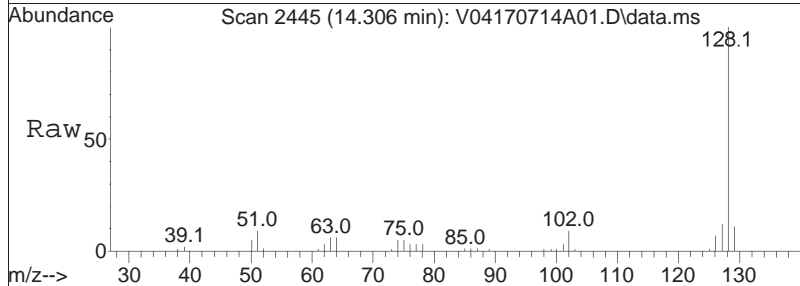
#109
 1,2,4-Trichlorobenzene
 Concen: 18.33 ug/L
 RT: 14.012 min Scan# 2389
 Delta R.T. -0.001 min
 Lab File: V04170714A01.D
 Acq: 14 Jul 2017 7:42

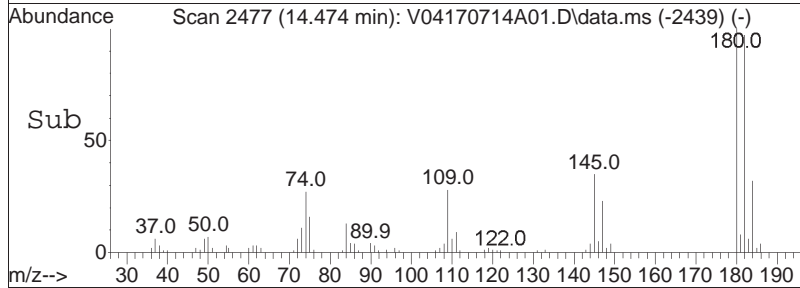
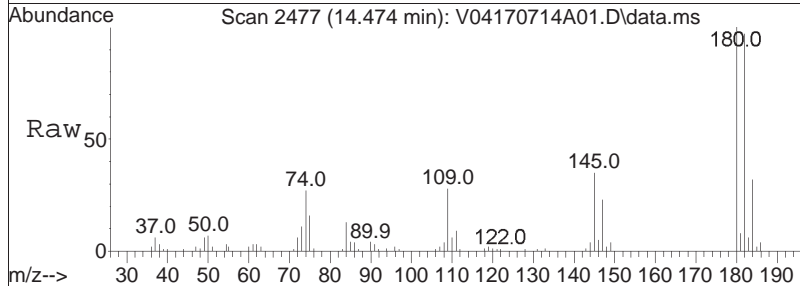
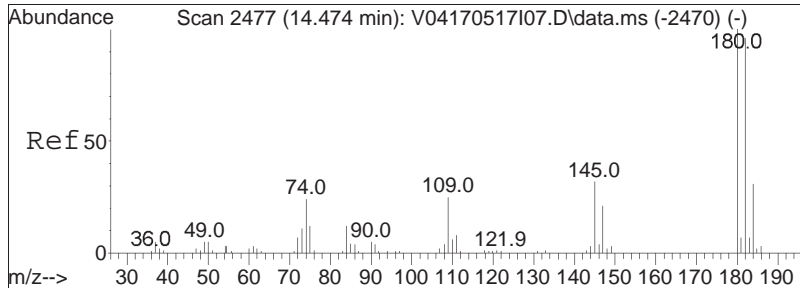
Tgt Ion	Resp	Lower	Upper
180	100		
182	95.5	76.2	114.4
145	36.0	26.6	39.8





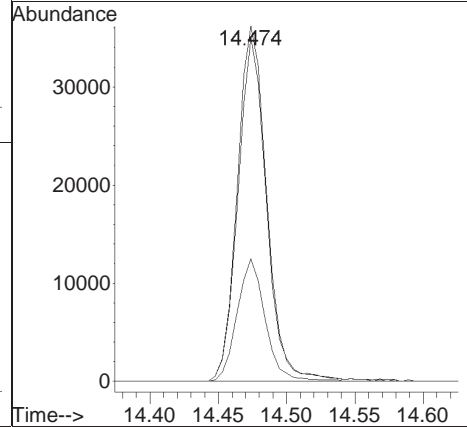
#110
 Naphthalene
 Concen: 16.95 ug/L
 RT: 14.306 min Scan# 2445
 Delta R.T. 0.000 min
 Lab File: V04170714A01.D
 Acq: 14 Jul 2017 7:42
 Tgt Ion:128 Resp: 120089





#111
 1,2,3-Trichlorobenzene
 Concen: 17.81 ug/L
 RT: 14.474 min Scan# 2477
 Delta R.T. -0.000 min
 Lab File: V04170714A01.D
 Acq: 14 Jul 2017 7:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	76.9	115.3
145	33.0	24.3	36.5



Manual Integration Report

Data Path : I:\VOLATILES\VOA104\2017\1QMethod : V104_170517_8260.m
Data File : V04170714A01.D Operator : VOA104:MV
Date Inj'd : 7/14/2017 7:42 Instrument : VOA 104
Sample : WG1022759-3,31,5,5 Quant Date : 7/14/2017 8:08 am

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA117\2017\170716A\
 Data File : V17170716A01.D
 Acq On : 16 Jul 2017 07:59 am
 Operator : VOA117:CBN
 Sample : WG1023115-3,31,5,5
 Misc : WG1023115,ICAL13689
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 16 08:31:55 2017
 Quant Method : I:\VOLATILES\VOA117\2017\170716A\V117_170525_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 25 12:01:44 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA117\2017\170716A\V17170716A01.D
 Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Fluorobenzene	6.347	96	144303	20.000	ug/L	0.00
Standard Area 1 = 144303			Recovery = 100.00%			
59) Chlorobenzene-d5	9.913	117	109443	20.000	ug/L	0.00
Standard Area 1 = 109443			Recovery = 100.00%			
79) 1,4-Dichlorobenzene-d4	12.534	152	60580	20.000	ug/L	0.00
Standard Area 1 = 60580			Recovery = 100.00%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.519	113	38034	19.751	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 98.76%			
43) 1,2-Dichloroethane-d4	6.059	65	35283	17.898	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 89.49%			
60) Toluene-d8	8.051	98	146245	20.644	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 103.22%			
83) 4-Bromofluorobenzene	11.355	95	54668	20.664	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 103.32%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.781	85	68354	21.629	ug/L	98
3) Chloromethane	1.990	50	82116	21.338	ug/L	99
4) Vinyl chloride	2.064	62	66639	17.790	ug/L	100
5) Bromomethane	2.410	94	34050	14.135	ug/L	99
6) Chloroethane	2.541	64	31385	15.703	ug/L	99
7) Trichlorofluoromethane	2.688	101	84151	17.514	ug/L	98
8) Ethyl ether	3.008	74	21660	21.044	ug/L	90
10) 1,1-Dichloroethene	3.207	96	50388	22.270	ug/L	96
11) Carbon disulfide	3.233	76	167251	19.597	ug/L	100
15) Methylene chloride	3.784	84	53119	21.066	ug/L	82
17) Acetone	3.836	43	8251	19.325	ug/L	94
18) trans-1,2-Dichloroethene	3.941	96	53770	21.679	ug/L	98
20) Methyl tert-butyl ether	4.051	73	103863	18.527	ug/L	96
23) 1,1-Dichloroethane	4.549	63	109543	21.196	ug/L	99
25) Acrylonitrile	4.601	53	11712	20.285	ug/L #	89
27) Vinyl acetate	4.790	43	89635	18.775	ug/L	98
28) cis-1,2-Dichloroethene	5.073	96	55356	20.868	ug/L	97
29) 2,2-Dichloropropane	5.183	77	81857	21.035	ug/L	88
30) Bromochloromethane	5.267	128	24380	20.859	ug/L	97
32) Chloroform	5.336	83	95341	20.466	ug/L	96

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA117\2017\170716A\
 Data File : V17170716A01.D
 Acq On : 16 Jul 2017 07:59 am
 Operator : VOA117:CBN
 Sample : WG1023115-3,31,5,5
 Misc : WG1023115,ICAL13689
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 16 08:31:55 2017
 Quant Method : I:\VOLATILES\VOA117\2017\170716A\V117_170525_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 25 12:01:44 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA117\2017\170716A\V17170716A01.D
 Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Carbon tetrachloride	5.482	117	81073	21.688	ug/L	100
37) 1,1,1-Trichloroethane	5.550	97	90811	21.201	ug/L	99
39) 2-Butanone	5.650	43	12216	18.310	ug/L #	61
40) 1,1-Dichloropropene	5.671	75	70328	20.696	ug/L	98
41) Benzene	5.923	78	212339	20.806	ug/L	98
44) 1,2-Dichloroethane	6.127	62	60636	17.675	ug/L	100
48) Trichloroethene	6.520	95	62295	21.055	ug/L	97
50) Dibromomethane	6.966	93	26501	19.200	ug/L	95
51) 1,2-Dichloropropane	7.081	63	61462	20.603	ug/L	100
54) Bromodichloromethane	7.139	83	65430	19.263	ug/L	99
57) 1,4-Dioxane	7.359	88	13091	837.574	ug/L	93
58) cis-1,3-Dichloropropene	7.842	75	73745	19.217	ug/L #	87
61) Toluene	8.109	92	129074	21.997	ug/L	98
62) 4-Methyl-2-pentanone	8.550	58	10912	18.637	ug/L	84
63) Tetrachloroethene	8.560	166	63077	23.048	ug/L	97
65) trans-1,3-Dichloropropene	8.591	75	61534	20.338	ug/L #	81
68) 1,1,2-Trichloroethane	8.780	83	32140	20.579	ug/L	99
69) Chlorodibromomethane	8.990	129	48505	21.034	ug/L	99
70) 1,3-Dichloropropane	9.111	76	54719	20.083	ug/L	99
71) 1,2-Dibromoethane	9.278	107	33539	19.876	ug/L	99
72) 2-Hexanone	9.561	43	17880	17.051	ug/L	95
73) Chlorobenzene	9.934	112	143977	21.509	ug/L	96
74) Ethylbenzene	9.970	91	247486	21.241	ug/L	99
75) 1,1,1,2-Tetrachloroethane	10.012	131	53435	21.860	ug/L	99
76) p/m Xylene	10.154	106	194906	43.512	ug/L	97
77) o Xylene	10.673	106	172530	40.607	ug/L	97
78) Styrene	10.736	104	290017	41.604	ug/L	97
80) Bromoform	10.757	173	31265	20.954	ug/L	98
82) Isopropylbenzene	11.040	105	244586	21.464	ug/L	100
84) Bromobenzene	11.465	156	61883	21.544	ug/L	99
85) n-Propylbenzene	11.501	91	309201	21.793	ug/L	98
87) 1,1,2,2-Tetrachloroethane	11.575	83	40642	19.588	ug/L	99
88) 4-Ethyltoluene	11.622	105	250158	21.970	ug/L	99
89) 2-Chlorotoluene	11.669	91	183374	21.937	ug/L	97
90) 1,3,5-Trimethylbenzene	11.716	105	229764	22.511	ug/L	98
91) 1,2,3-Trichloropropane	11.722	75	32405	19.497	ug/L	94
92) trans-1,4-Dichloro-2-b...	11.769	53	12165	18.601	ug/L	83
93) 4-Chlorotoluene	11.847	91	185011	21.711	ug/L	97
94) tert-Butylbenzene	12.052	119	185081	21.936	ug/L	96

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA117\2017\170716A\
 Data File : V17170716A01.D
 Acq On : 16 Jul 2017 07:59 am
 Operator : VOA117:CBN
 Sample : WG1023115-3,31,5,5
 Misc : WG1023115,ICAL13689
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 16 08:31:55 2017
 Quant Method : I:\VOLATILES\VOA117\2017\170716A\V117_170525_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 25 12:01:44 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA117\2017\170716A\V17170716A01.D
 Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97) 1,2,4-Trimethylbenzene	12.125	105	223910	22.256	ug/L	99
98) sec-Butylbenzene	12.235	105	282253	22.043	ug/L	99
99) p-Isopropyltoluene	12.387	119	239748	22.155	ug/L	99
100) 1,3-Dichlorobenzene	12.456	146	128101	21.847	ug/L	99
101) 1,4-Dichlorobenzene	12.550	146	124506	21.557	ug/L	99
102) p-Diethylbenzene	12.755	119	143133	21.534	ug/L	98
103) n-Butylbenzene	12.812	91	246631	22.050	ug/L	99
104) 1,2-Dichlorobenzene	12.964	146	111653	21.366	ug/L	99
105) 1,2,4,5-Tetramethylben...	13.536	119	212554	21.196	ug/L	98
106) 1,2-Dibromo-3-chloropr...	13.735	155	6036	20.104	ug/L	98
108) Hexachlorobutadiene	14.333	225	58287	23.914	ug/L	99
109) 1,2,4-Trichlorobenzene	14.359	180	85673	21.905	ug/L	99
110) Naphthalene	14.653	128	132083	19.318	ug/L	100
111) 1,2,3-Trichlorobenzene	14.820	180	76789	21.864	ug/L	98

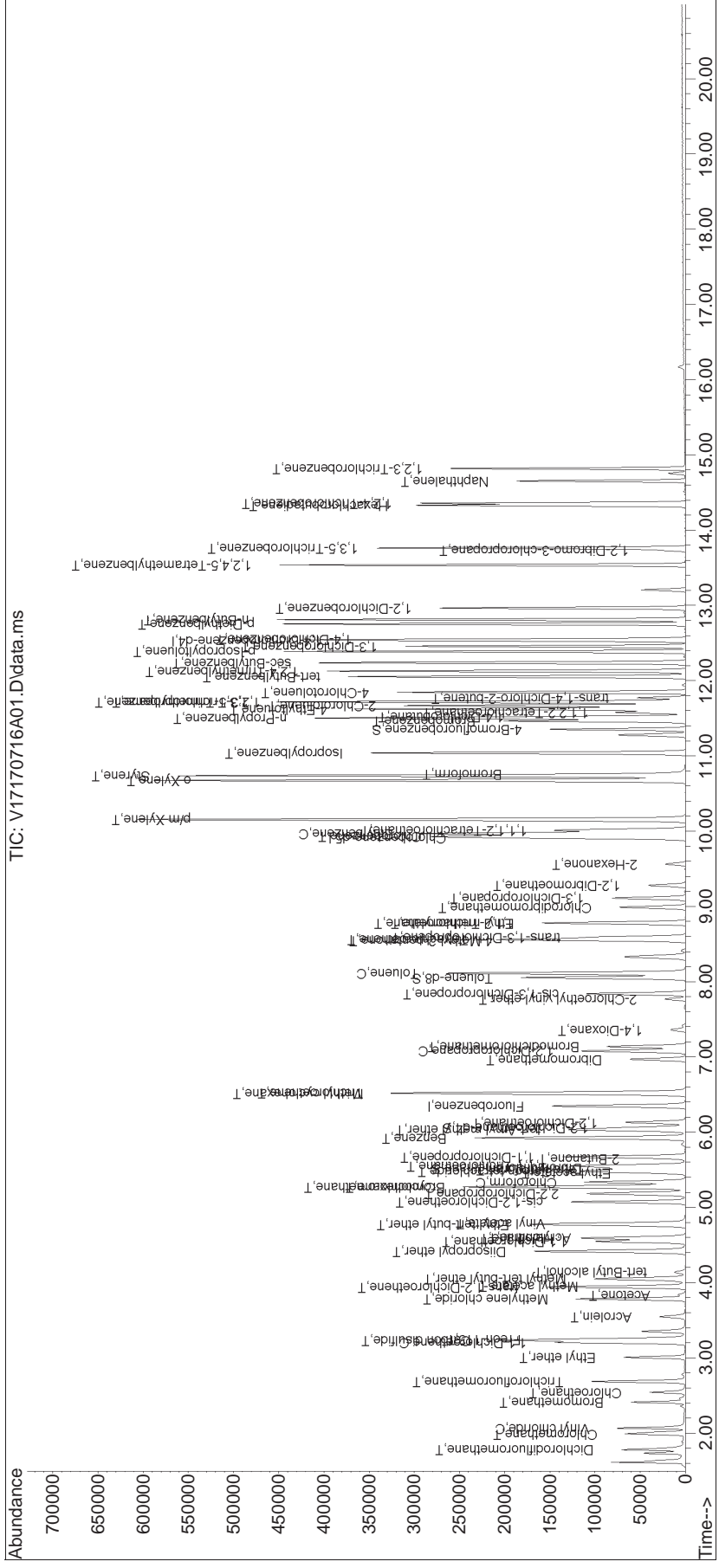
(#) = qualifier out of range (m) = manual integration (+) = signals summed

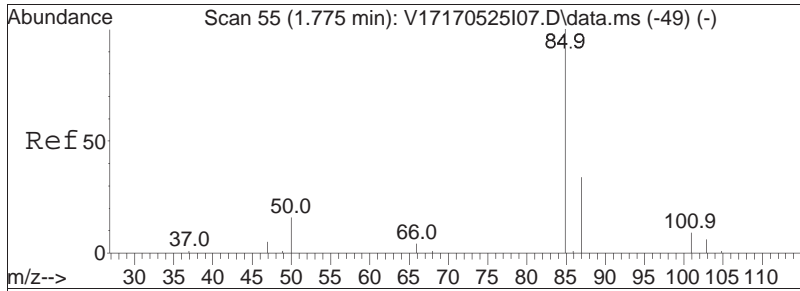
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA117\2017\170716A\
Data File : V17170716A01.D
Acq On : 16 Jul 2017 07:59 am
Operator : VOA117:CBN
Sample : WG1023115-3,31,5,5
Misc : WG1023115,ICAL13689
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 16 08:31:55 2017
Quant Method : I:\VOLATILES\VOA117\2017\170716A\170716A_V117_170525_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu May 25 12:01:44 2017
Response via : Initial Calibration

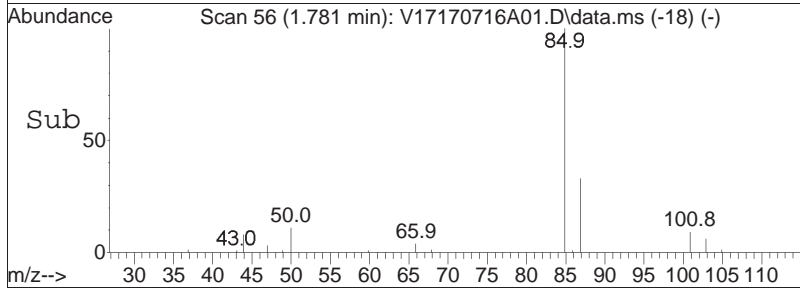
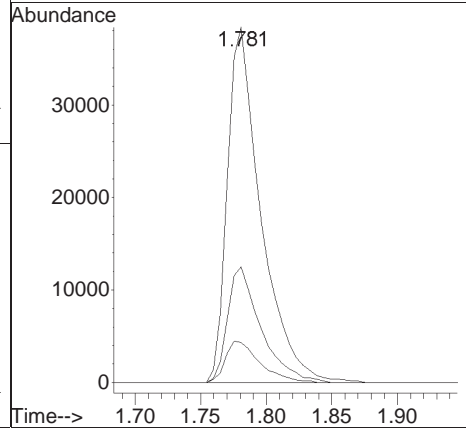
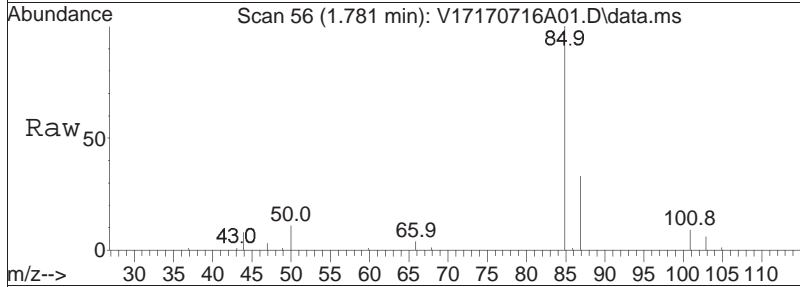
Sub List : 8260-CurveSoil - Megamix plus Diox6A\V17170716A01.D•

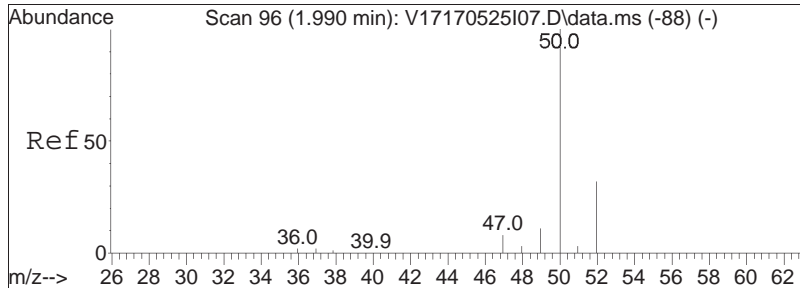




#2
 Dichlorodifluoromethane
 Concen: 21.63 ug/L
 RT: 1.781 min Scan# 56
 Delta R.T. -0.000 min
 Lab File: V17170716A01.D
 Acq: 16 Jul 2017 07:59 am

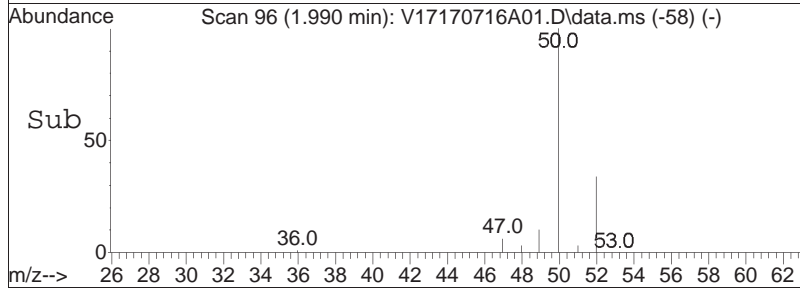
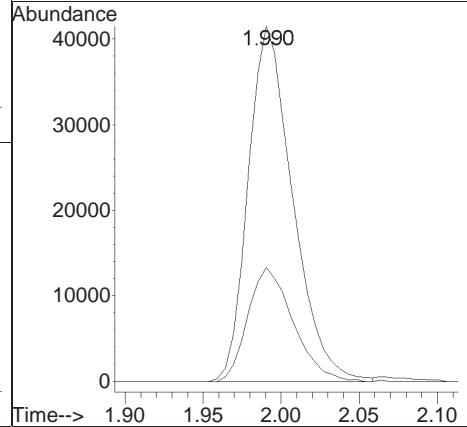
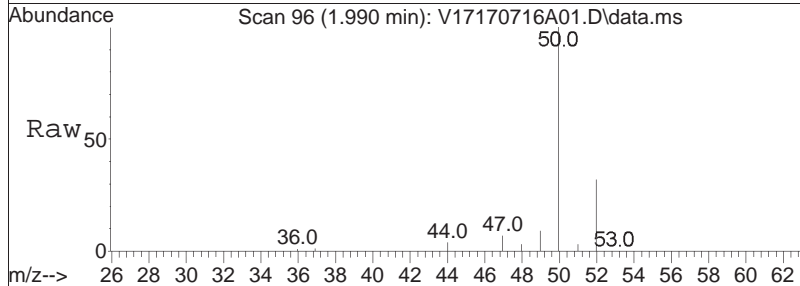
Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.3	20.9	43.5
50	11.9	9.2	19.0

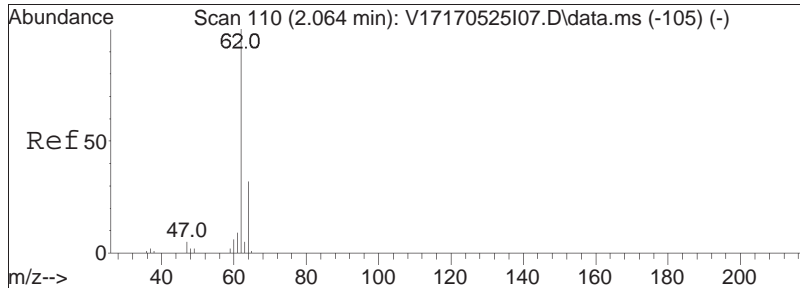




#3
 Chloromethane
 Concen: 21.34 ug/L
 RT: 1.990 min Scan# 96
 Delta R.T. -0.000 min
 Lab File: V17170716A01.D
 Acq: 16 Jul 2017 07:59 am

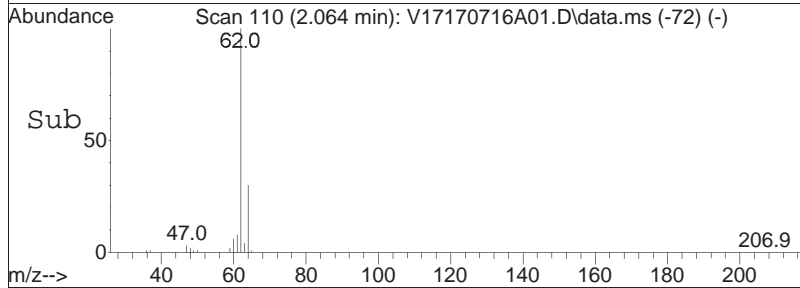
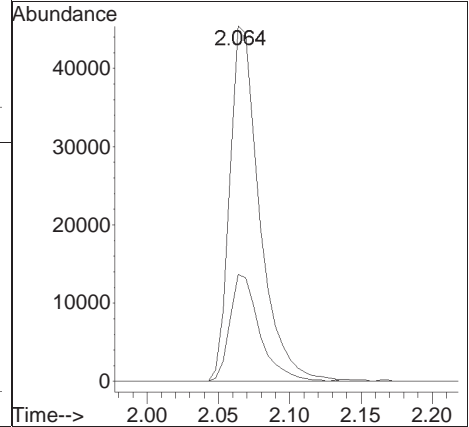
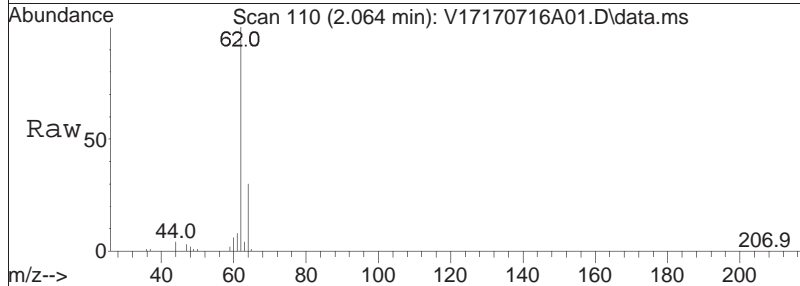
Tgt Ion	Resp	Lower	Upper
50	100		
52	32.6	11.9	51.9

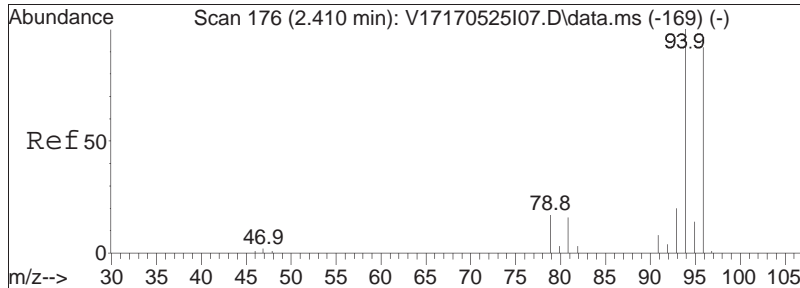




#4
 Vinyl chloride
 Concen: 17.79 ug/L
 RT: 2.064 min Scan# 110
 Delta R.T. -0.000 min
 Lab File: V17170716A01.D
 Acq: 16 Jul 2017 07:59 am

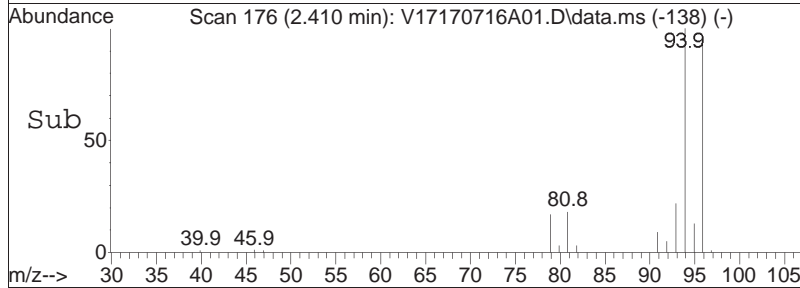
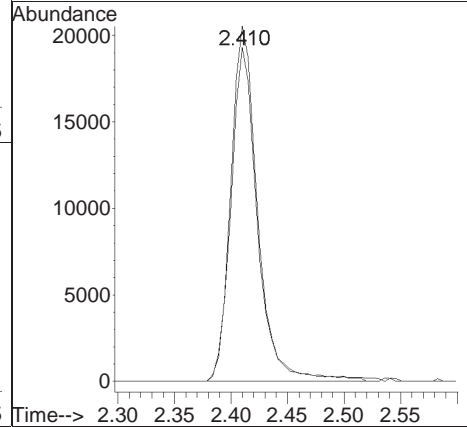
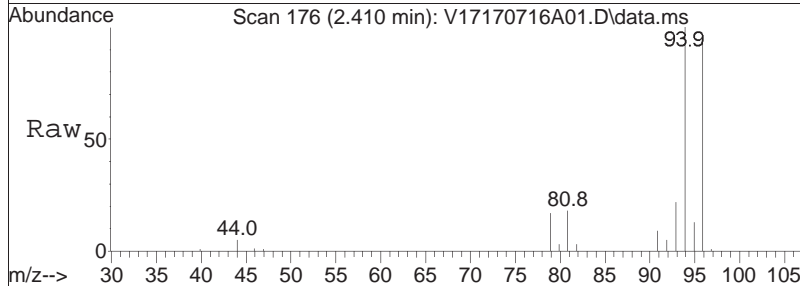
Tgt Ion	Resp	Lower	Upper
62	100		
64	30.0	10.2	50.2

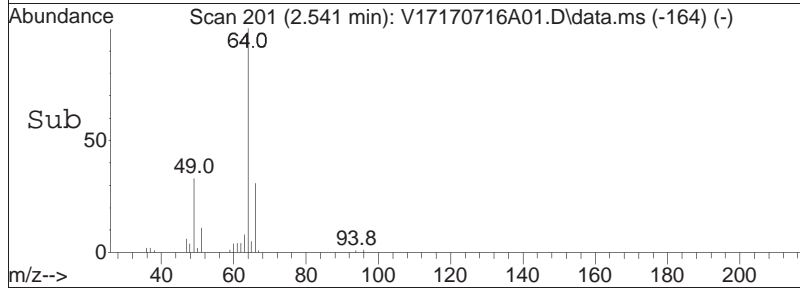
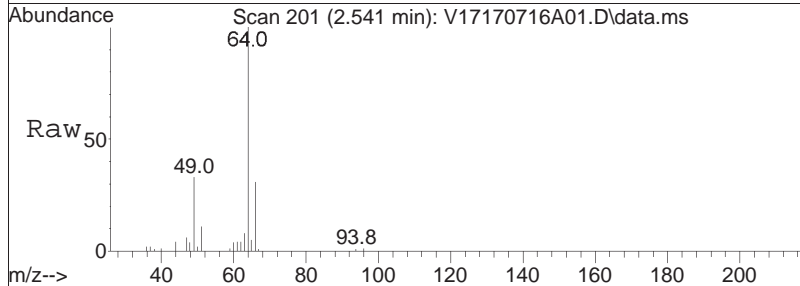
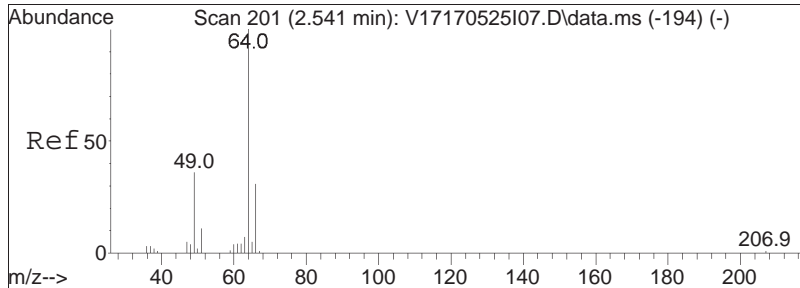




#5
 Bromomethane
 Concen: 14.14 ug/L
 RT: 2.410 min Scan# 176
 Delta R.T. -0.000 min
 Lab File: V17170716A01.D
 Acq: 16 Jul 2017 07:59 am

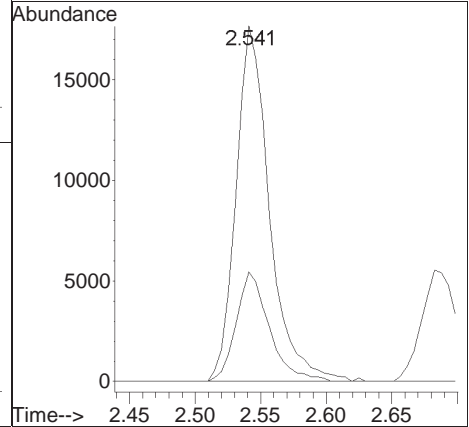
Tgt Ion: 94 Resp: 34050
 Ion Ratio Lower Upper
 94 100
 96 93.6 74.6 114.6

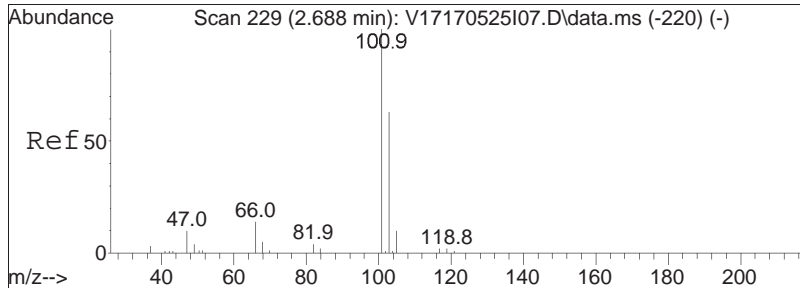




#6
 Chloroethane
 Concen: 15.70 ug/L
 RT: 2.541 min Scan# 201
 Delta R.T. -0.005 min
 Lab File: V17170716A01.D
 Acq: 16 Jul 2017 07:59 am

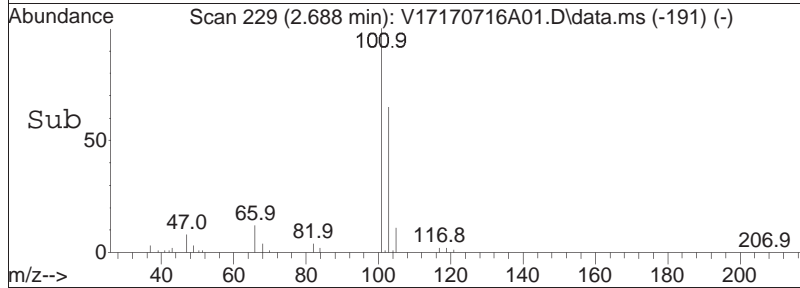
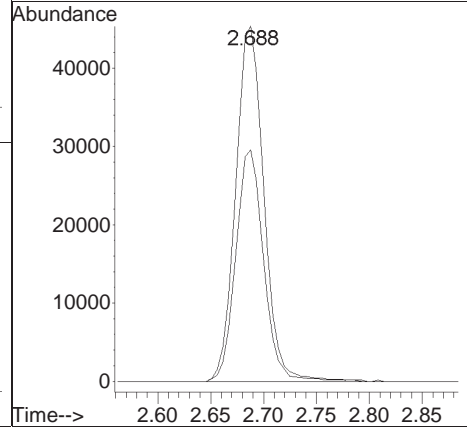
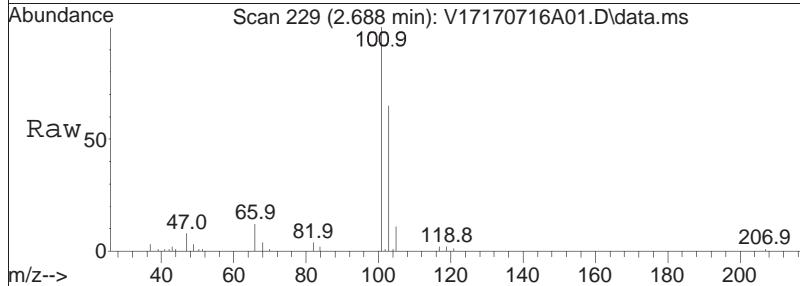
Tgt Ion	Resp	Lower	Upper
64	31385		
64	100		
66	30.5	11.2	51.2

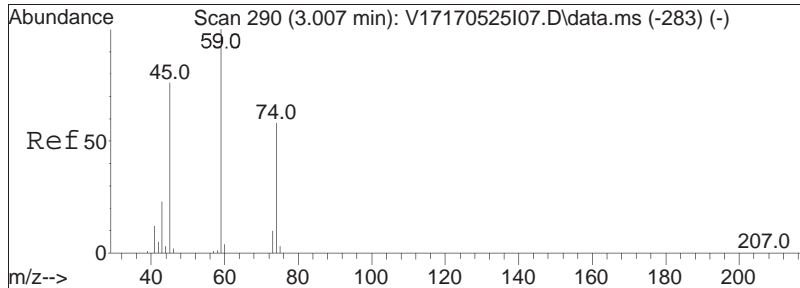




#7
 Trichlorofluoromethane
 Concen: 17.51 ug/L
 RT: 2.688 min Scan# 229
 Delta R.T. -0.000 min
 Lab File: V17170716A01.D
 Acq: 16 Jul 2017 07:59 am

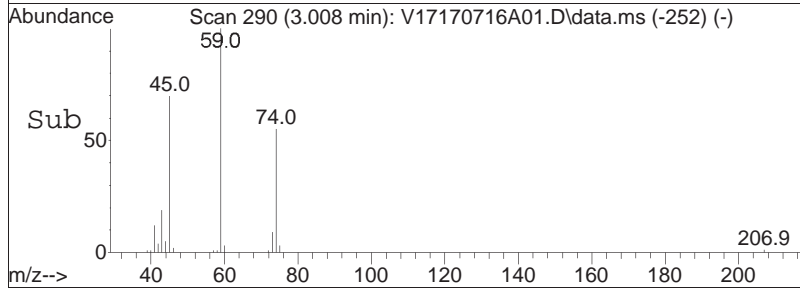
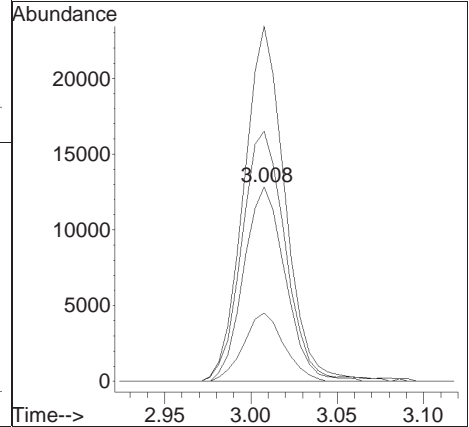
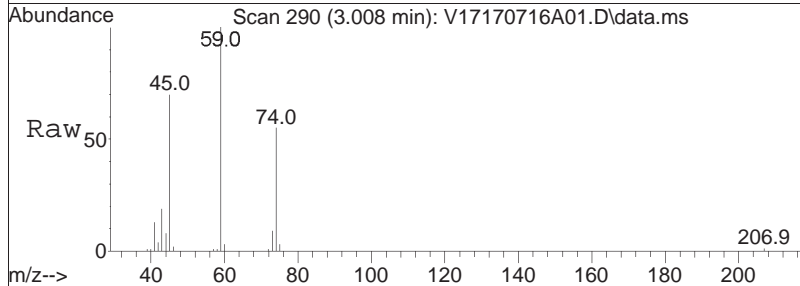
Tgt Ion	Ratio	Resp	Lower	Upper
101	100	84151		
103	64.5		52.6	78.8

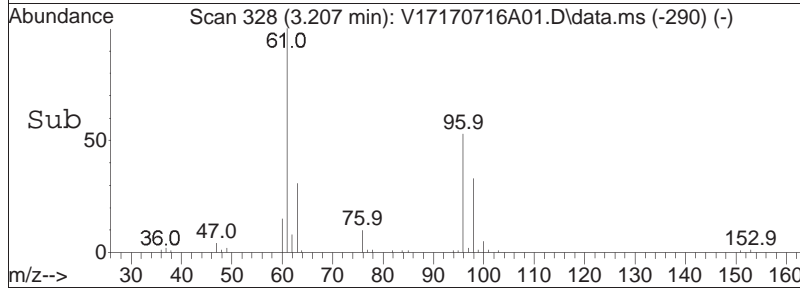
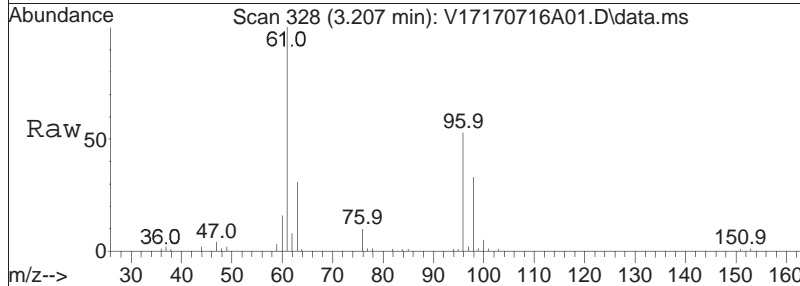
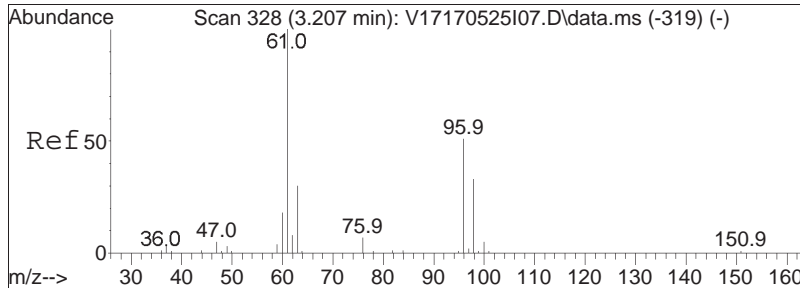




#8
 Ethyl ether
 Concen: 21.04 ug/L
 RT: 3.008 min Scan# 290
 Delta R.T. -0.000 min
 Lab File: V17170716A01.D
 Acq: 16 Jul 2017 07:59 am

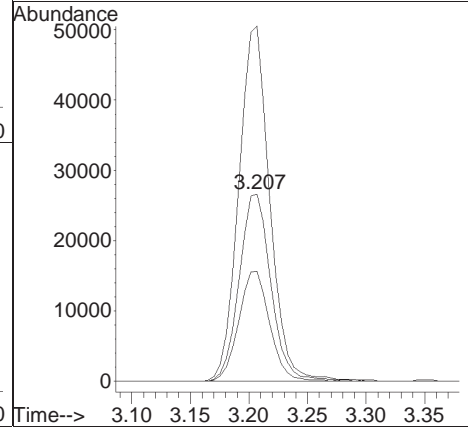
Tgt Ion	Resp	Lower	Upper
74	100		
59	180.7	122.6	254.6
45	134.5	102.1	212.1
43	34.2	24.8	51.6

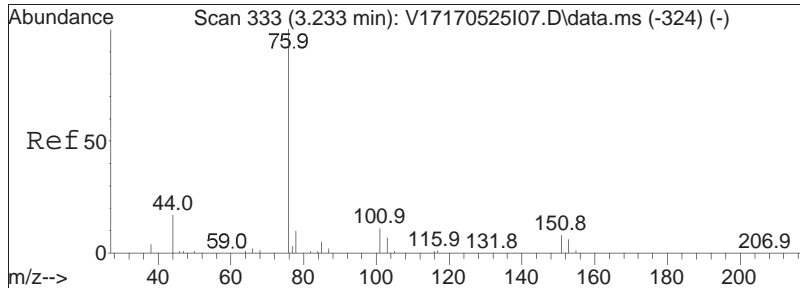




#10
 1,1-Dichloroethene
 Concen: 22.27 ug/L
 RT: 3.207 min Scan# 328
 Delta R.T. -0.000 min
 Lab File: V17170716A01.D
 Acq: 16 Jul 2017 07:59 am

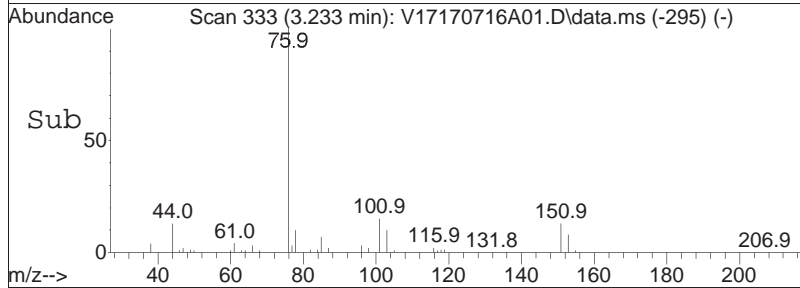
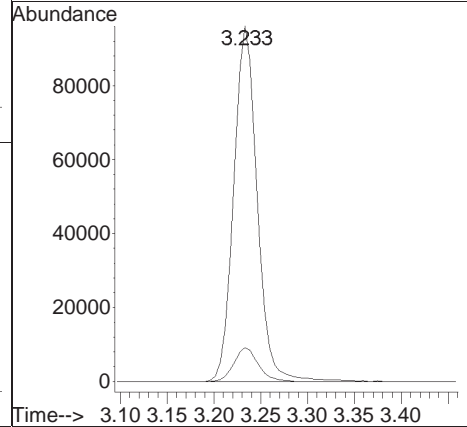
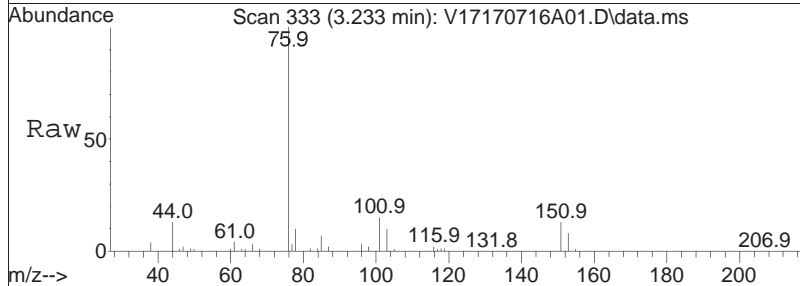
Tgt Ion	Resp	Lower	Upper
96	50388		
96	100		
61	185.3	153.9	230.9
63	57.5	48.2	72.2

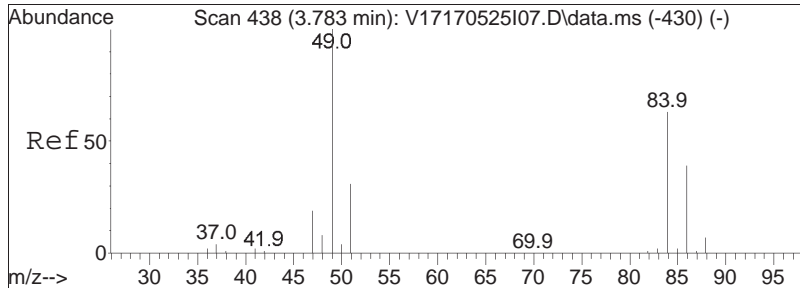




#11
 Carbon disulfide
 Concen: 19.60 ug/L
 RT: 3.233 min Scan# 333
 Delta R.T. 0.000 min
 Lab File: V17170716A01.D
 Acq: 16 Jul 2017 07:59 am

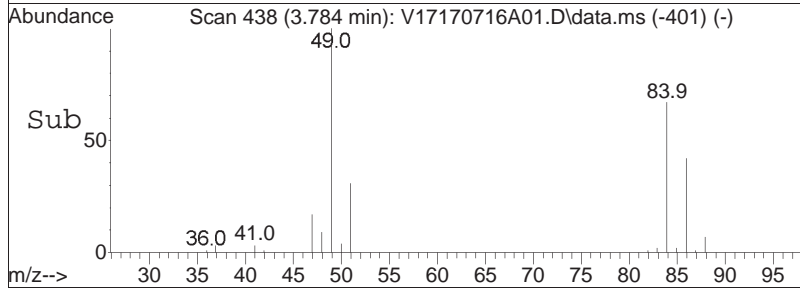
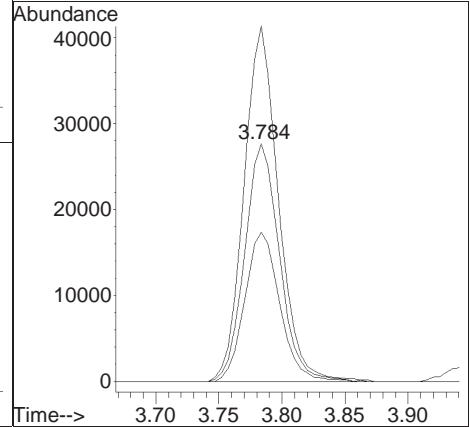
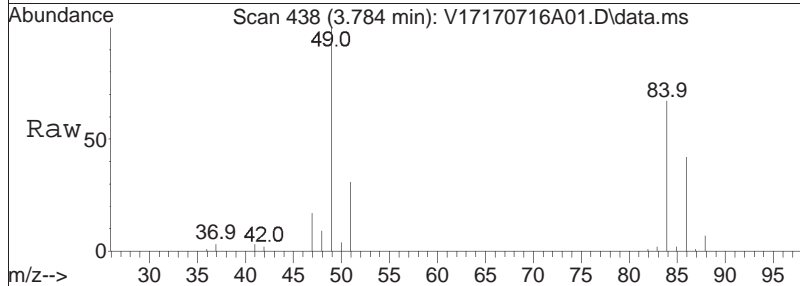
Tgt Ion	Resp	Lower	Upper
76	167251		
76	100		
78	9.8	6.4	13.4

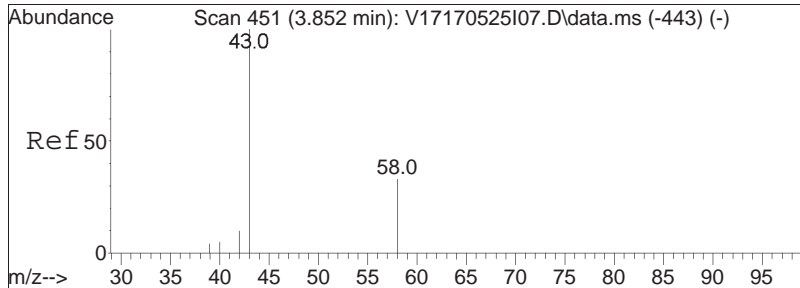




#15
 Methylene chloride
 Concen: 21.07 ug/L
 RT: 3.784 min Scan# 438
 Delta R.T. -0.005 min
 Lab File: V17170716A01.D
 Acq: 16 Jul 2017 07:59 am

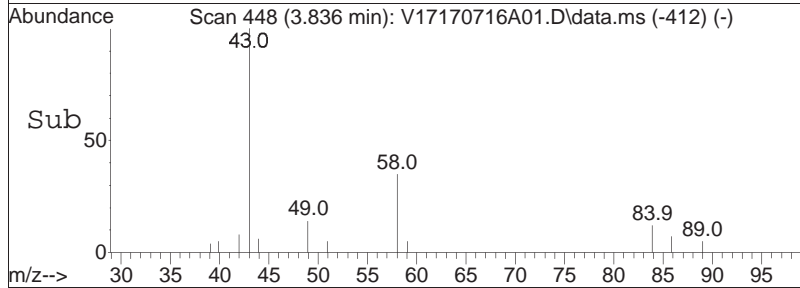
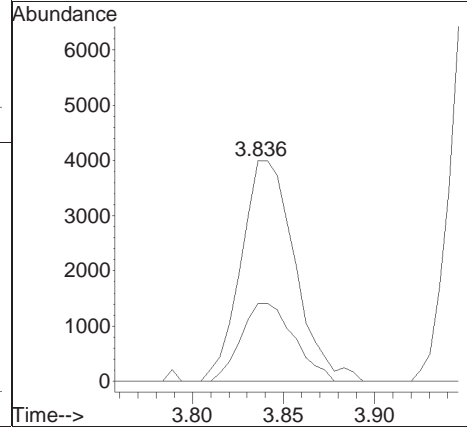
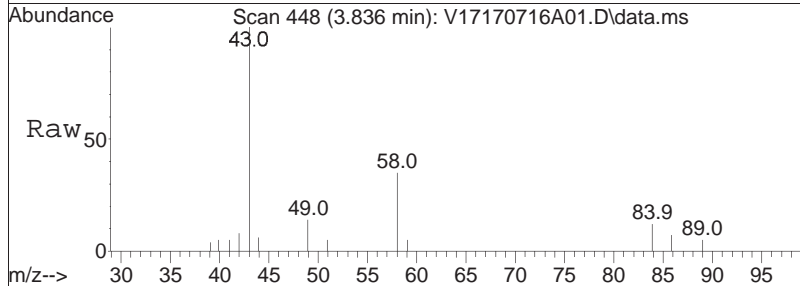
Tgt Ion:	84	Resp:	53119
Ion Ratio	Lower	Upper	
84	100		
86	63.0	42.4	88.2
49	147.7	117.3	243.5

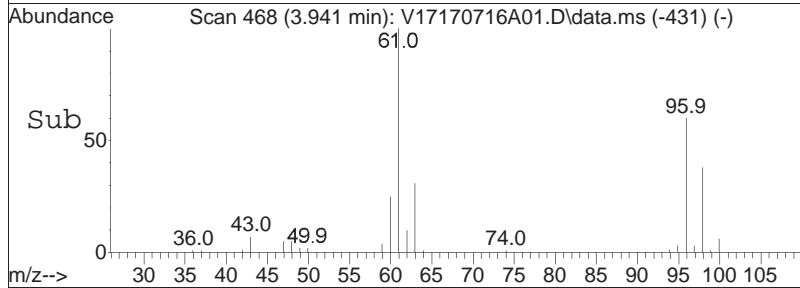
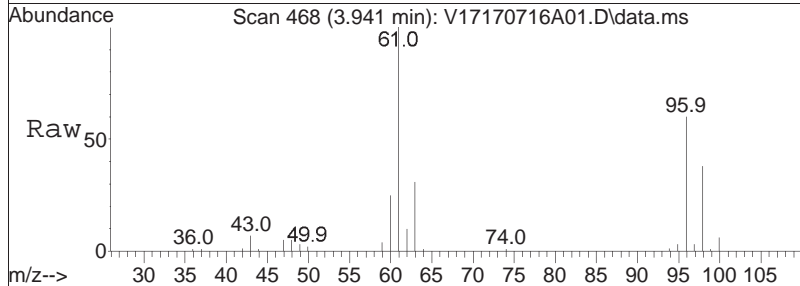
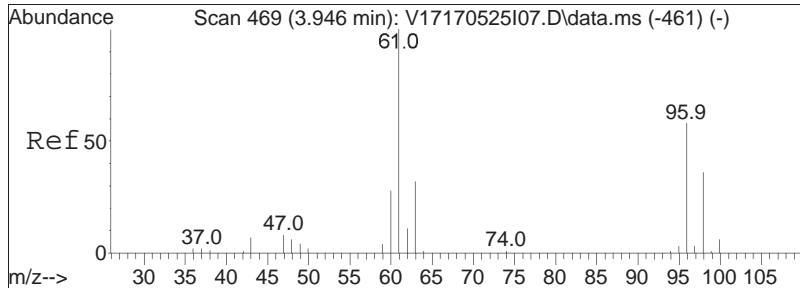




#17
 Acetone
 Concen: 19.33 ug/L
 RT: 3.836 min Scan# 448
 Delta R.T. -0.011 min
 Lab File: V17170716A01.D
 Acq: 16 Jul 2017 07:59 am

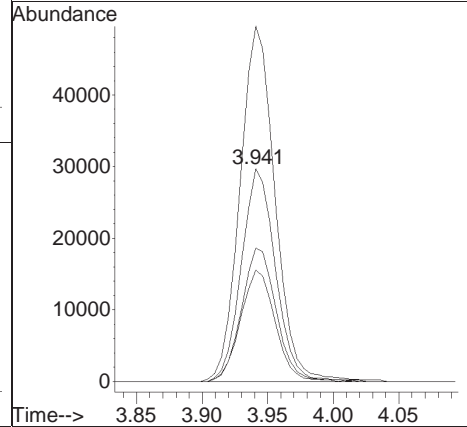
Tgt Ion:	43	58	Resp:	8251
Ion Ratio	100	34.9	Lower	Upper
			25.1	37.7

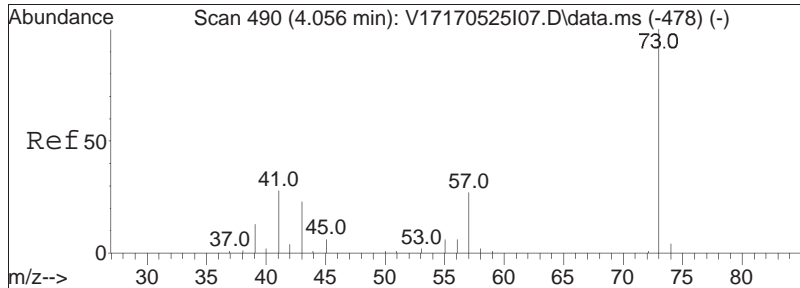




#18
 trans-1,2-Dichloroethene
 Concen: 21.68 ug/L
 RT: 3.941 min Scan# 468
 Delta R.T. -0.005 min
 Lab File: V17170716A01.D
 Acq: 16 Jul 2017 07:59 am

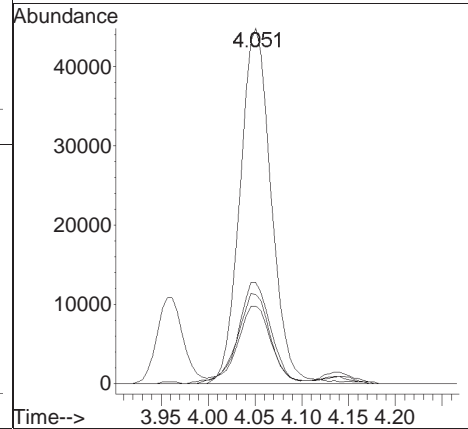
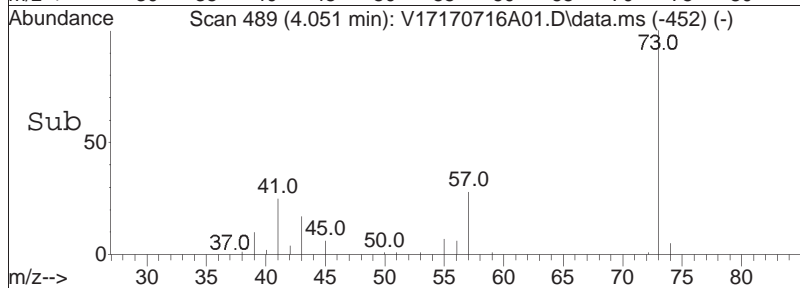
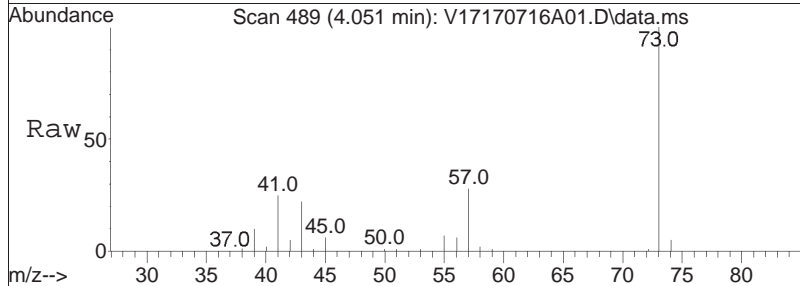
Tgt Ion	Resp	Lower	Upper
96	53770		
96	100		
61	171.4	113.8	236.4
98	63.6	41.3	85.7
63	53.0	35.8	74.4

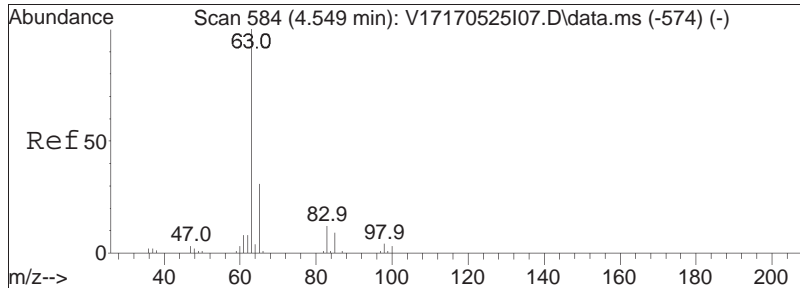




#20
 Methyl tert-butyl ether
 Concen: 18.53 ug/L
 RT: 4.051 min Scan# 489
 Delta R.T. -0.005 min
 Lab File: V17170716A01.D
 Acq: 16 Jul 2017 07:59 am

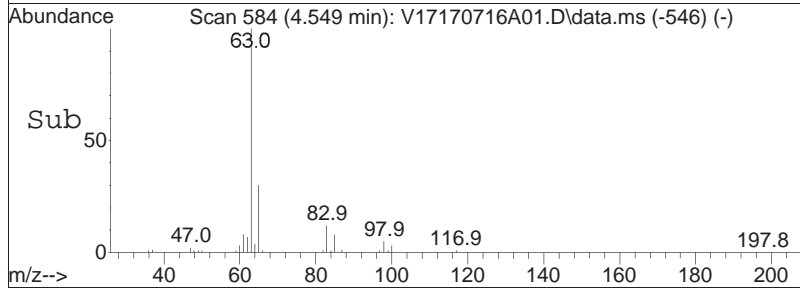
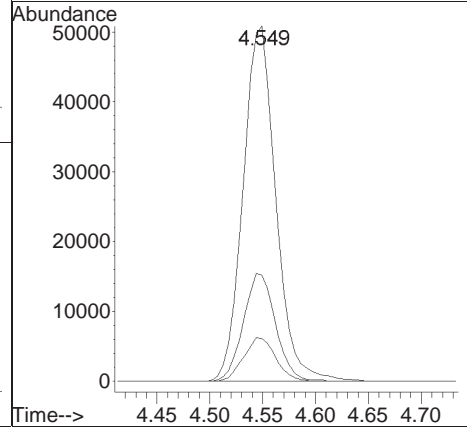
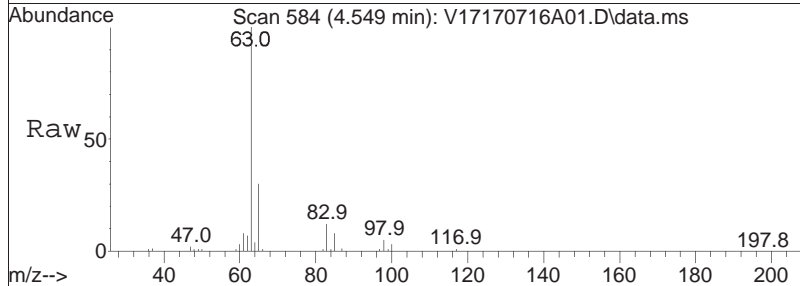
Tgt Ion	Resp	Lower	Upper
73	103863		
57	29.8	18.7	38.9
43	23.6	18.1	37.7
41	26.7	17.9	37.3

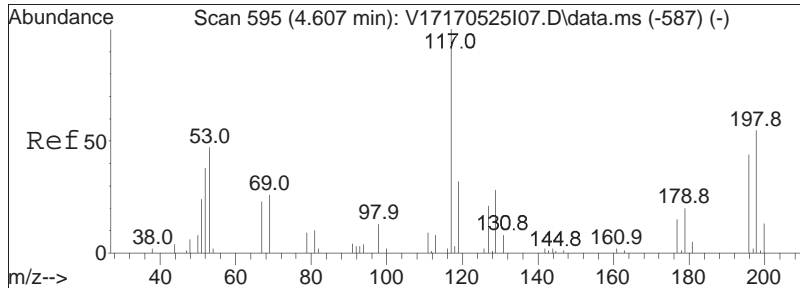




#23
 1,1-Dichloroethane
 Concen: 21.20 ug/L
 RT: 4.549 min Scan# 584
 Delta R.T. 0.000 min
 Lab File: V17170716A01.D
 Acq: 16 Jul 2017 07:59 am

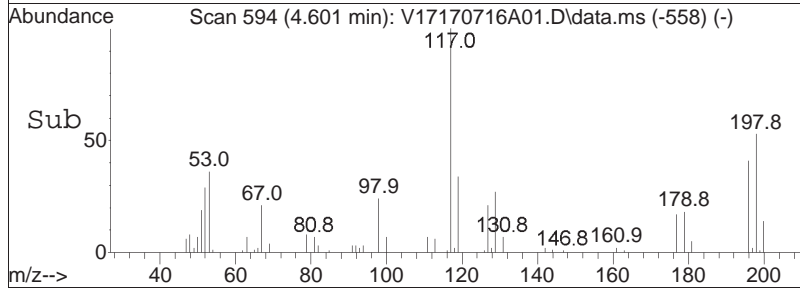
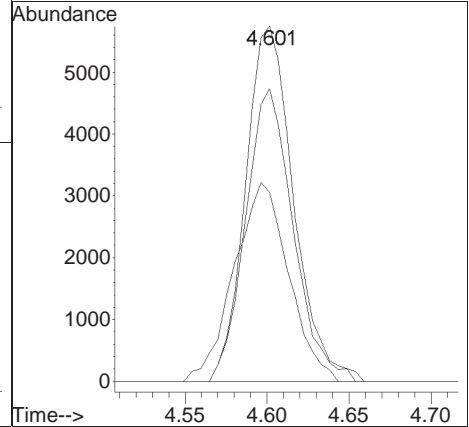
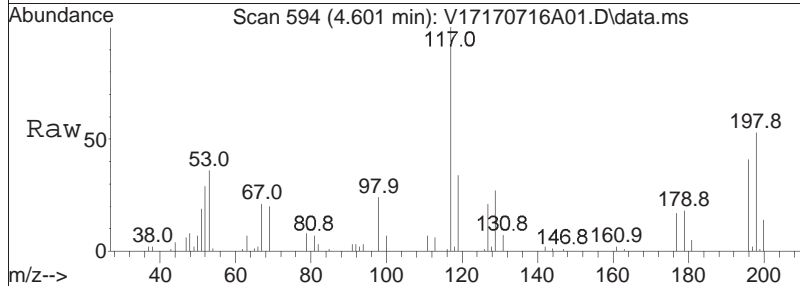
Tgt Ion	Resp	Lower	Upper
63	109543		
65	29.9	10.2	50.2
83	12.1	0.0	32.4

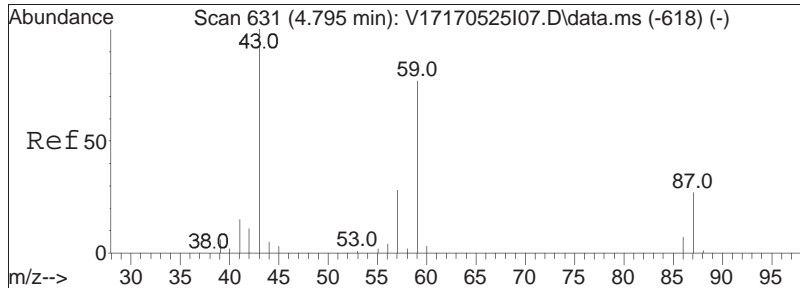




#25
 Acrylonitrile
 Concen: 20.29 ug/L
 RT: 4.601 min Scan# 594
 Delta R.T. -0.011 min
 Lab File: V17170716A01.D
 Acq: 16 Jul 2017 07:59 am

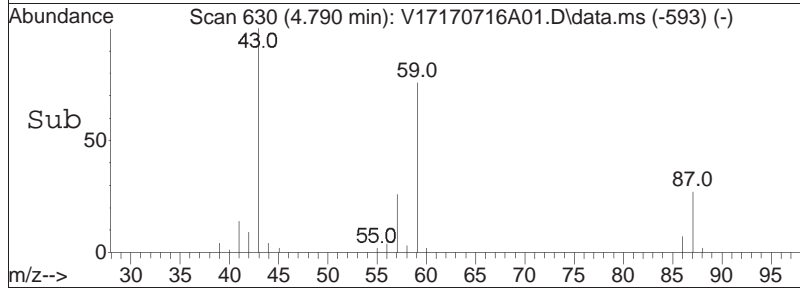
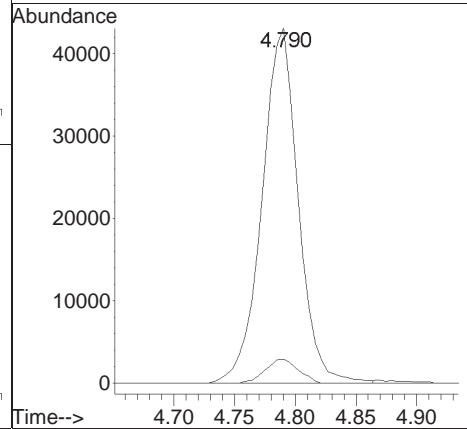
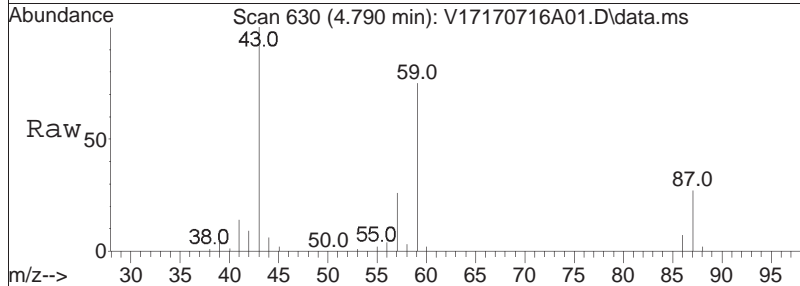
Tgt Ion:	53	Resp:	11712
Ion Ratio	Lower	Upper	
53	100		
52	81.8	68.6	103.0
51	63.5	38.2	57.4#

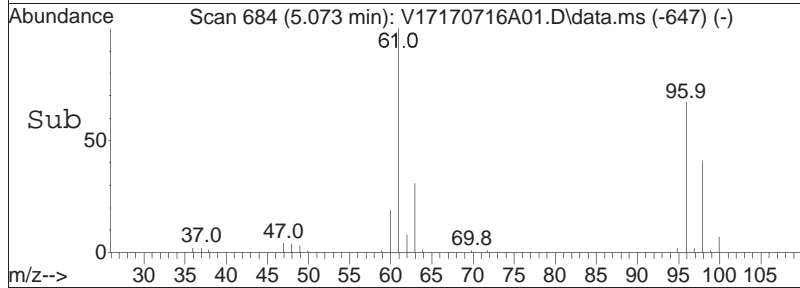
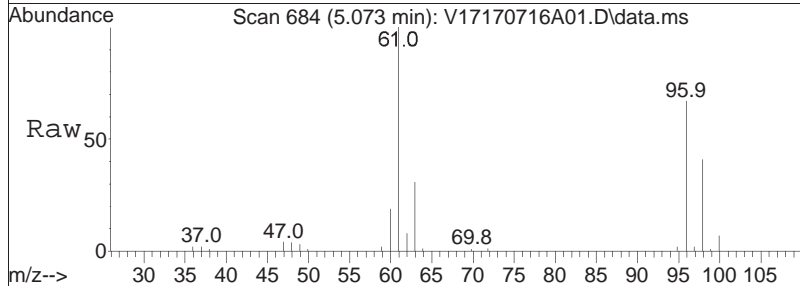
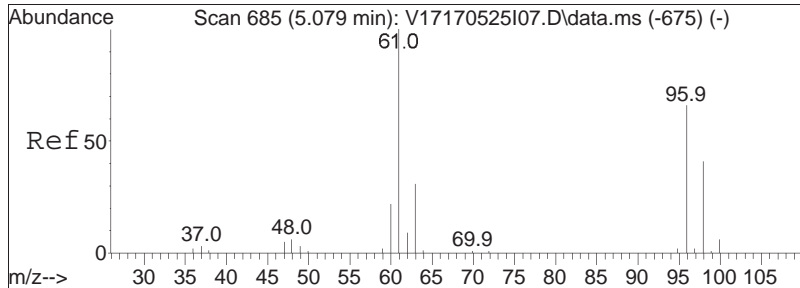




#27
 Vinyl acetate
 Concen: 18.78 ug/L
 RT: 4.790 min Scan# 630
 Delta R.T. -0.006 min
 Lab File: V17170716A01.D
 Acq: 16 Jul 2017 07:59 am

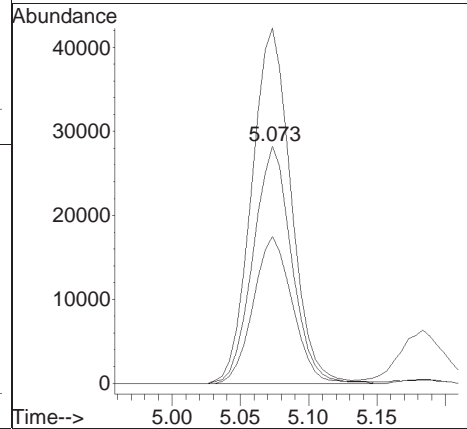
Tgt Ion	Resp	Lower	Upper
43	100		
86	6.3	4.6	6.8

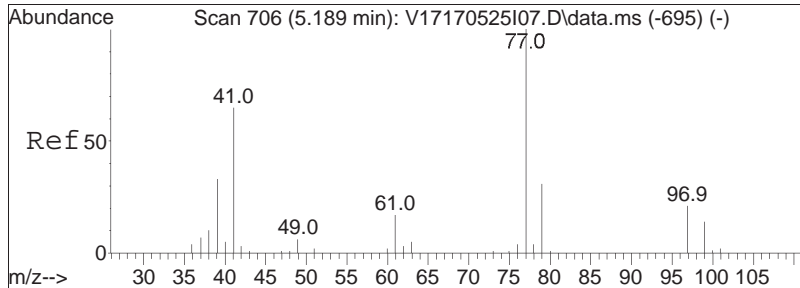




#28
 cis-1,2-Dichloroethene
 Concen: 20.87 ug/L
 RT: 5.073 min Scan# 684
 Delta R.T. -0.006 min
 Lab File: V17170716A01.D
 Acq: 16 Jul 2017 07:59 am

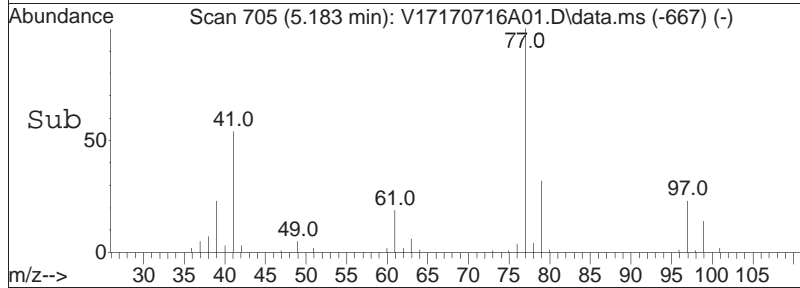
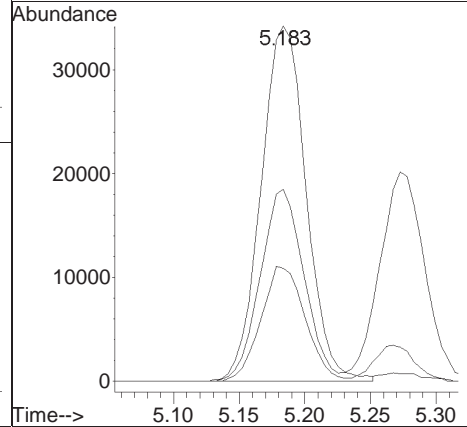
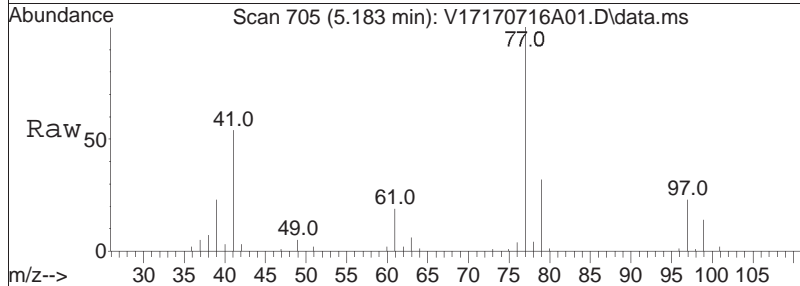
Tgt Ion:	96	Resp:	55356
Ion Ratio	Lower	Upper	
96	100		
61	152.9	119.3	178.9
98	63.0	52.0	78.0

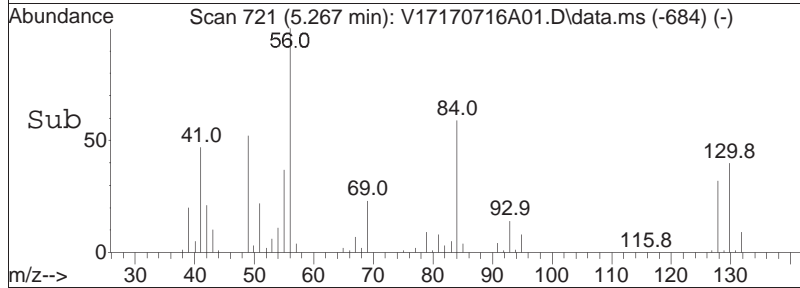
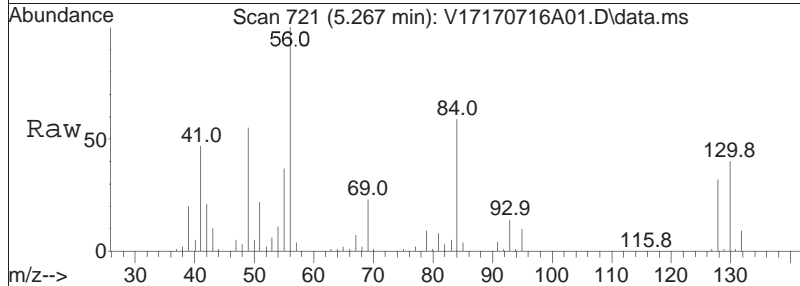
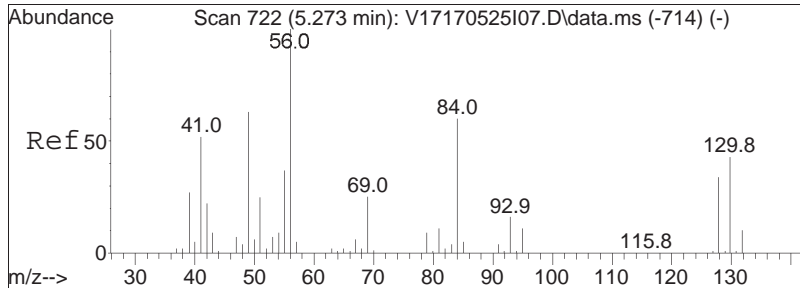




#29
 2,2-Dichloropropane
 Concen: 21.04 ug/L
 RT: 5.183 min Scan# 705
 Delta R.T. -0.001 min
 Lab File: V17170716A01.D
 Acq: 16 Jul 2017 07:59 am

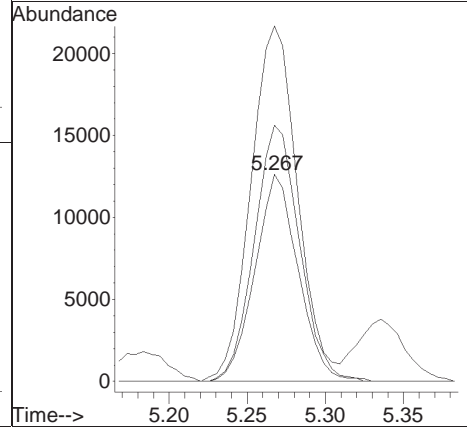
Tgt Ion	Resp	Lower	Upper
77	100		
41	52.3	43.4	90.0
79	31.7	20.9	43.3

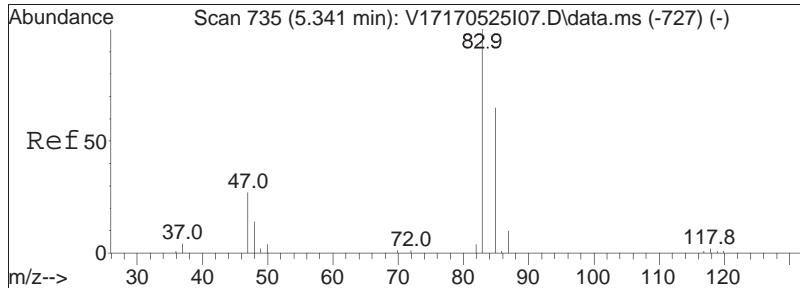




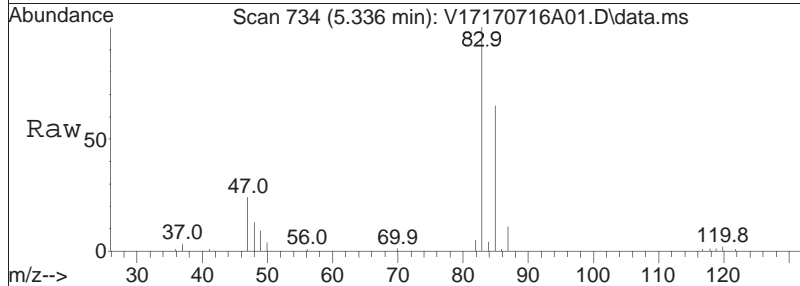
#30
 Bromochloromethane
 Concen: 20.86 ug/L
 RT: 5.267 min Scan# 721
 Delta R.T. -0.006 min
 Lab File: V17170716A01.D
 Acq: 16 Jul 2017 07:59 am

Tgt Ion	Resp	Lower	Upper
128	24380		
49	184.8	153.4	230.0
130	129.1	103.9	155.9

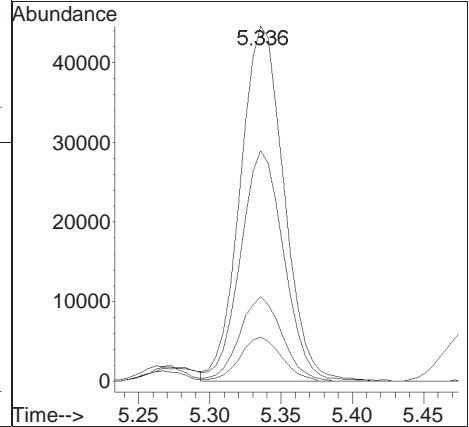
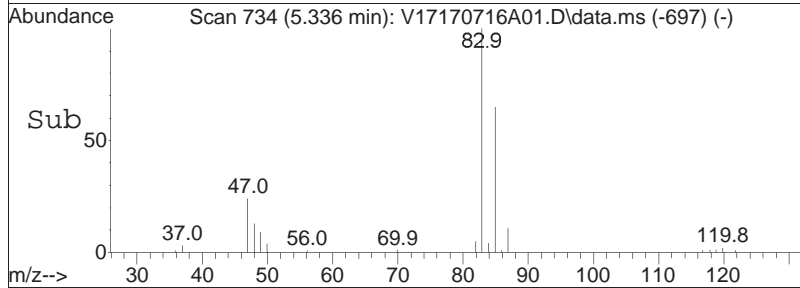


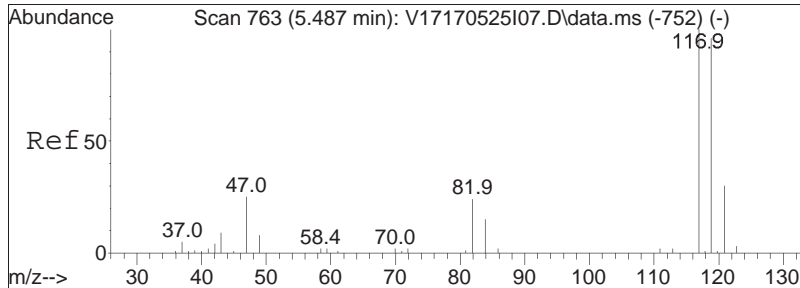


#32
 Chloroform
 Concen: 20.47 ug/L
 RT: 5.336 min Scan# 734
 Delta R.T. -0.005 min
 Lab File: V17170716A01.D
 Acq: 16 Jul 2017 07:59 am



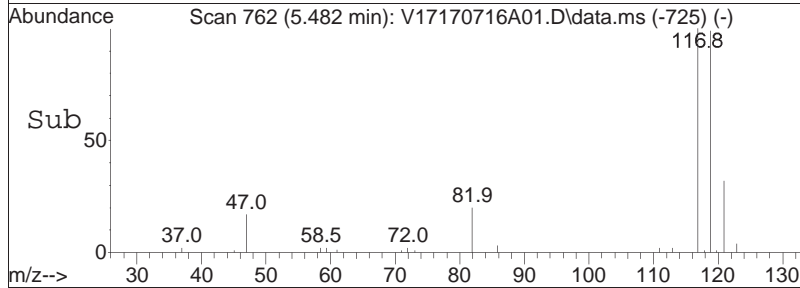
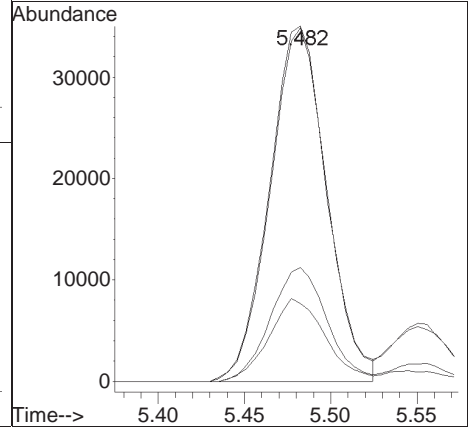
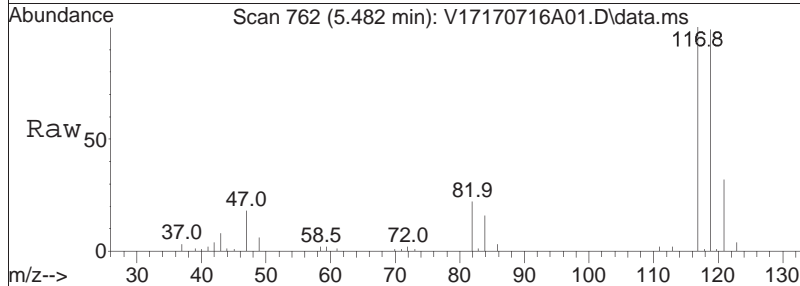
Tgt Ion	Resp	Lower	Upper
83	95341		
83	100		
85	64.8	41.3	85.7
47	23.3	17.9	37.3
48	12.0	9.3	19.3

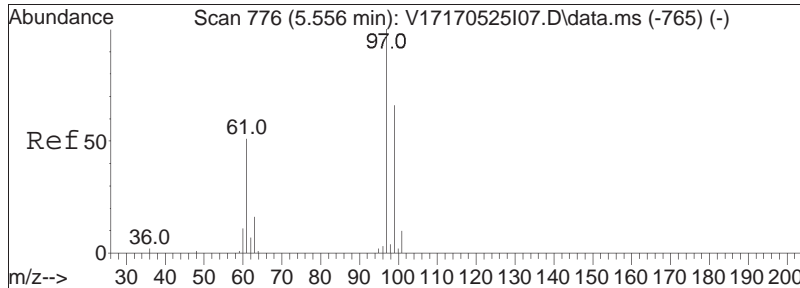




#34
 Carbon tetrachloride
 Concen: 21.69 ug/L
 RT: 5.482 min Scan# 762
 Delta R.T. -0.006 min
 Lab File: V17170716A01.D
 Acq: 16 Jul 2017 07:59 am

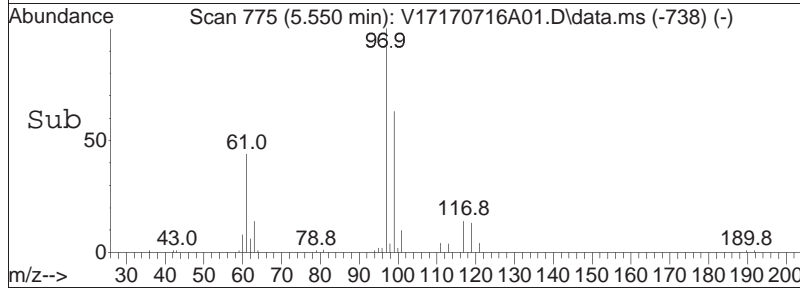
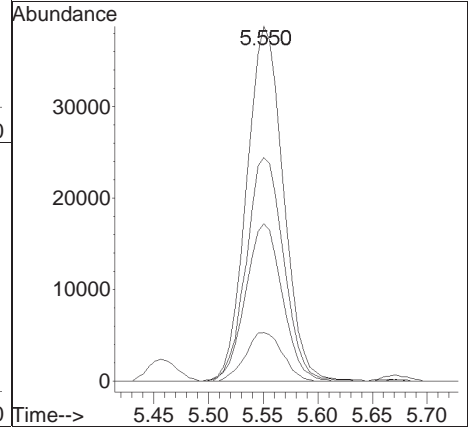
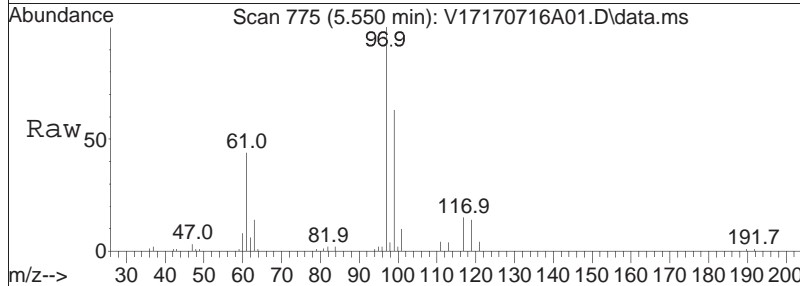
Tgt Ion	Resp	Lower	Upper
117	100		
119	97.5	63.2	131.2
121	31.5	20.8	43.2
82	22.9	15.1	31.5

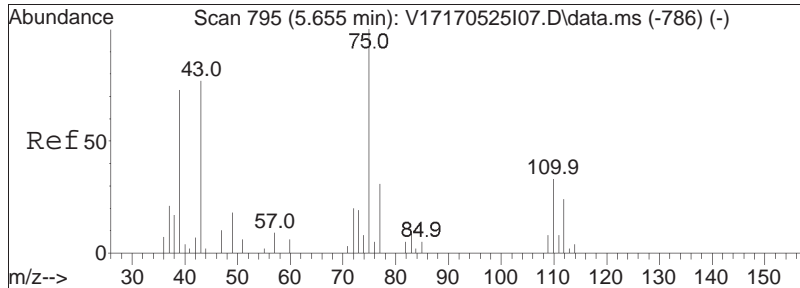




#37
 1,1,1-Trichloroethane
 Concen: 21.20 ug/L
 RT: 5.550 min Scan# 775
 Delta R.T. -0.006 min
 Lab File: V17170716A01.D
 Acq: 16 Jul 2017 07:59 am

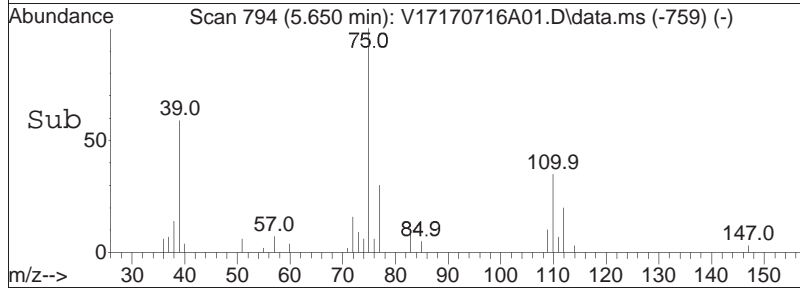
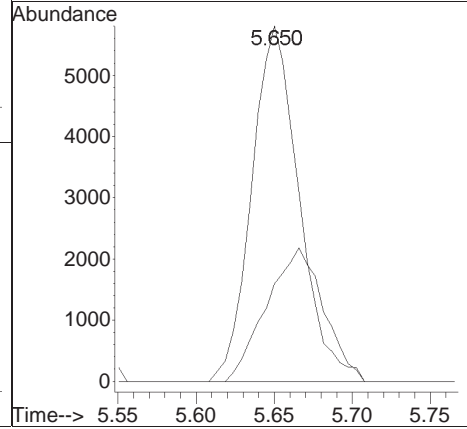
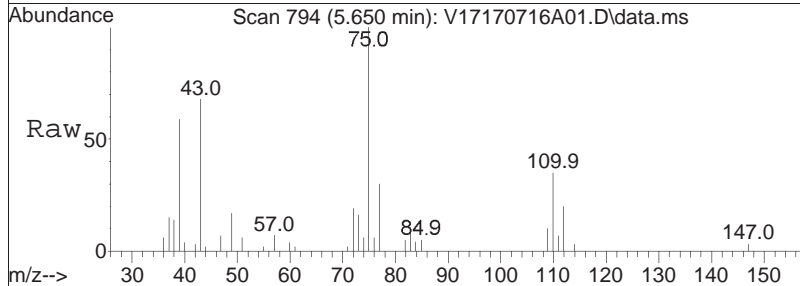
Tgt Ion	Resp	Lower	Upper
97	100		
99	64.2	42.0	87.2
61	44.8	29.7	61.7
63	13.9	9.4	19.4

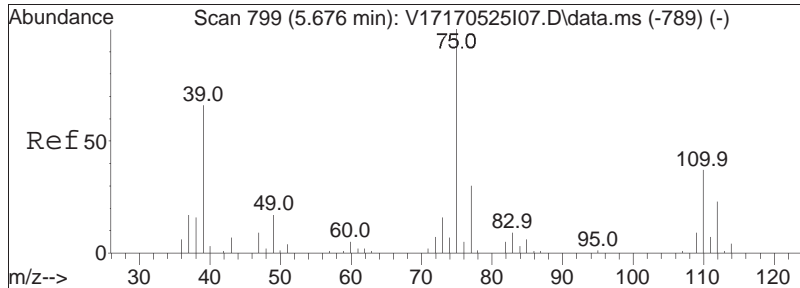




#39
 2-Butanone
 Concen: 18.31 ug/L
 RT: 5.650 min Scan# 794
 Delta R.T. -0.016 min
 Lab File: V17170716A01.D
 Acq: 16 Jul 2017 07:59 am

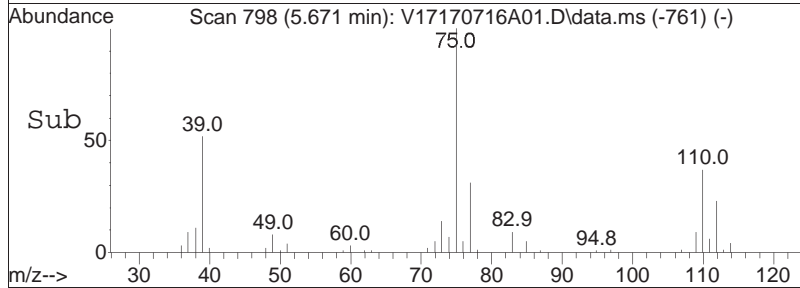
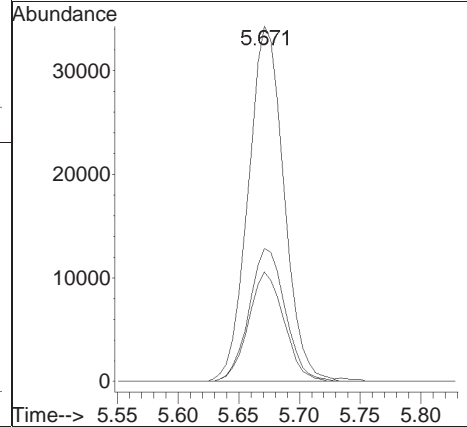
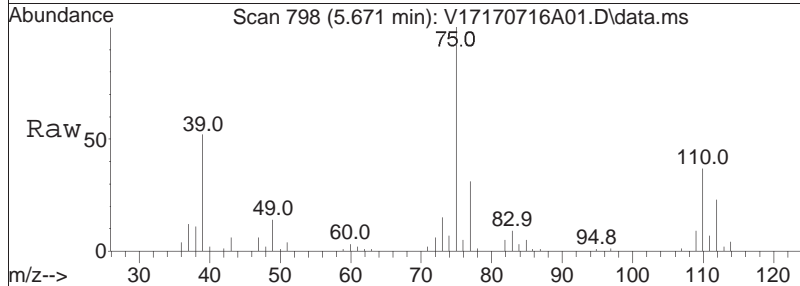
Tgt Ion: 43 Resp: 12216
 Ion Ratio Lower Upper
 43 100
 72 45.2 20.4 30.6#

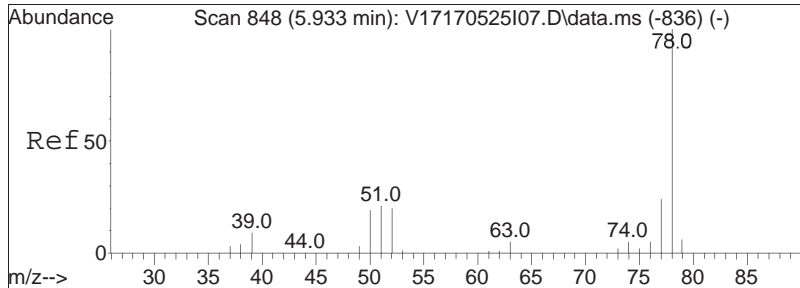




#40
 1,1-Dichloropropene
 Concen: 20.70 ug/L
 RT: 5.671 min Scan# 798
 Delta R.T. -0.005 min
 Lab File: V17170716A01.D
 Acq: 16 Jul 2017 07:59 am

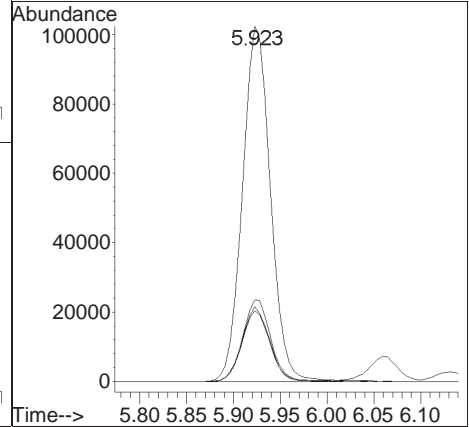
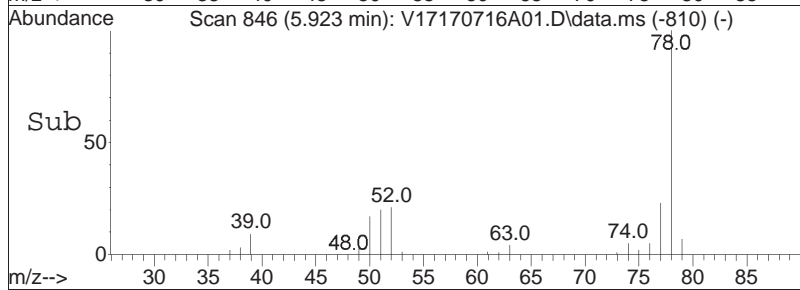
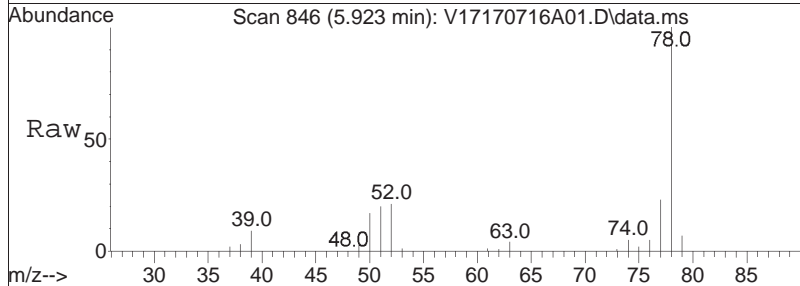
Tgt Ion:	Resp:		
Ion Ratio	Lower	Upper	
75	100		
110	37.8	25.9	53.7
77	30.6	20.3	42.3

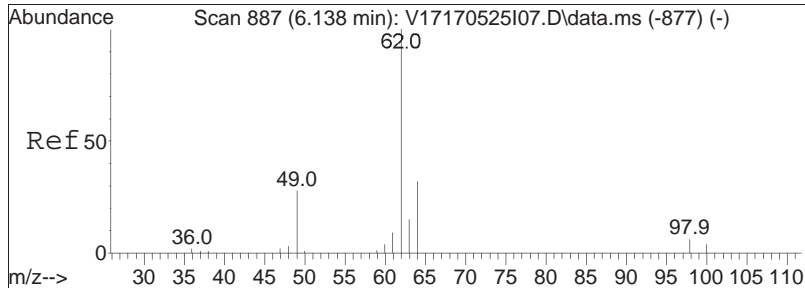




#41
 Benzene
 Concen: 20.81 ug/L
 RT: 5.923 min Scan# 846
 Delta R.T. -0.010 min
 Lab File: V17170716A01.D
 Acq: 16 Jul 2017 07:59 am

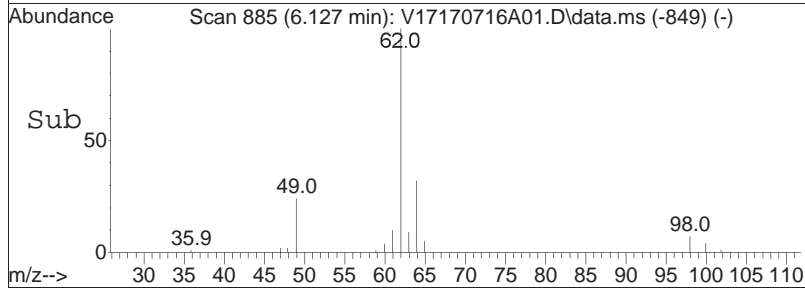
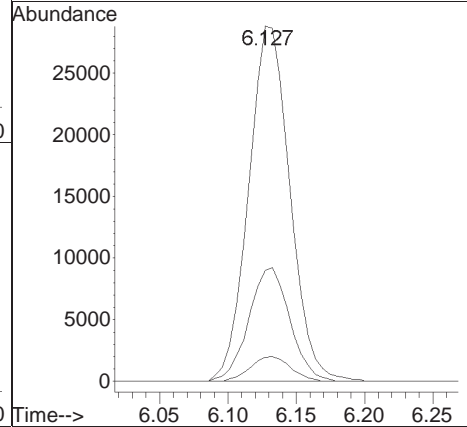
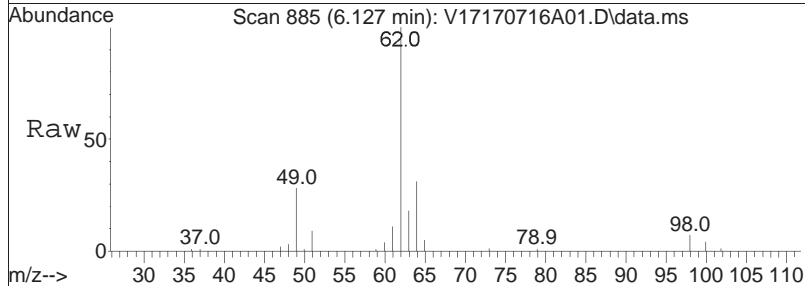
Tgt Ion	Resp	Lower	Upper
78	212339		
77	23.1	15.0	31.1
51	19.7	14.0	29.2
52	20.6	14.3	29.7

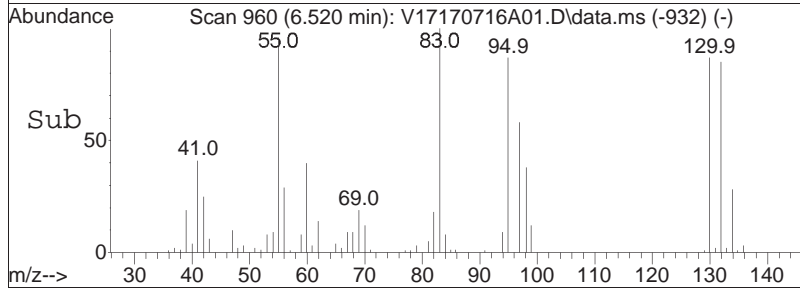
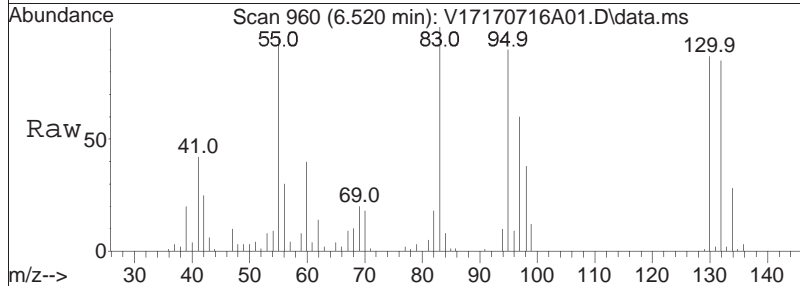
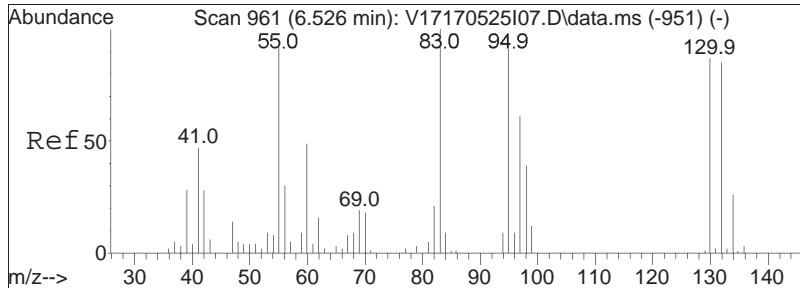




#44
 1,2-Dichloroethane
 Concen: 17.67 ug/L
 RT: 6.127 min Scan# 885
 Delta R.T. -0.011 min
 Lab File: V17170716A01.D
 Acq: 16 Jul 2017 07:59 am

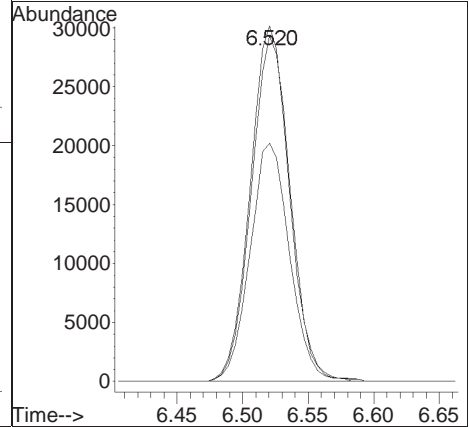
Tgt Ion:	Resp:		
Ion	Ratio	Lower	Upper
62	100		
64	31.9	11.8	51.8
98	6.9	0.0	27.1

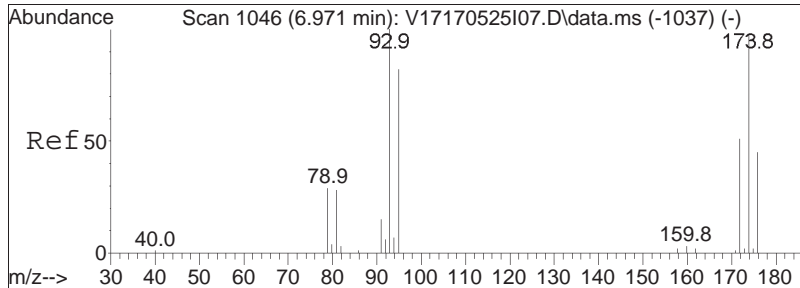




#48
 Trichloroethene
 Concen: 21.05 ug/L
 RT: 6.520 min Scan# 960
 Delta R.T. -0.006 min
 Lab File: V17170716A01.D
 Acq: 16 Jul 2017 07:59 am

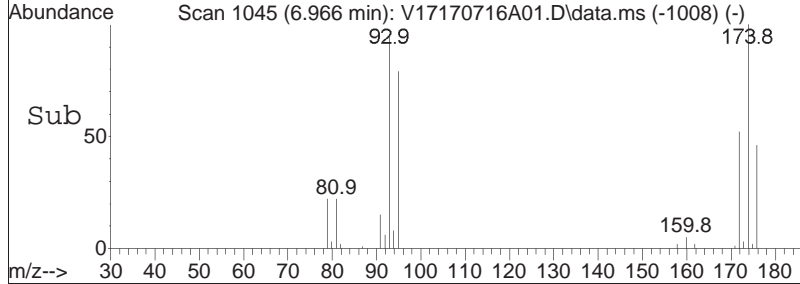
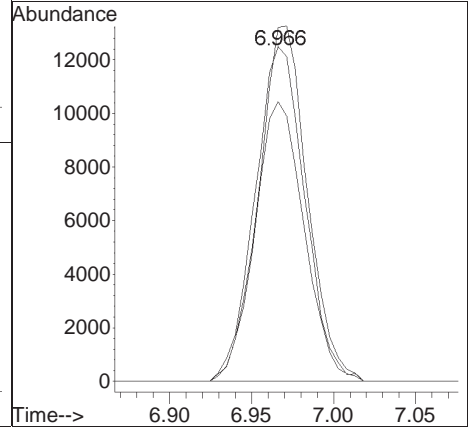
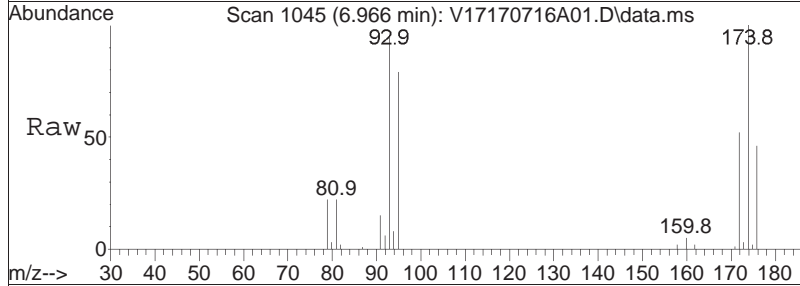
Tgt Ion	Resp	Lower	Upper
95	62295		
95	100		
97	68.1	53.8	80.8
130	97.6	81.5	122.3

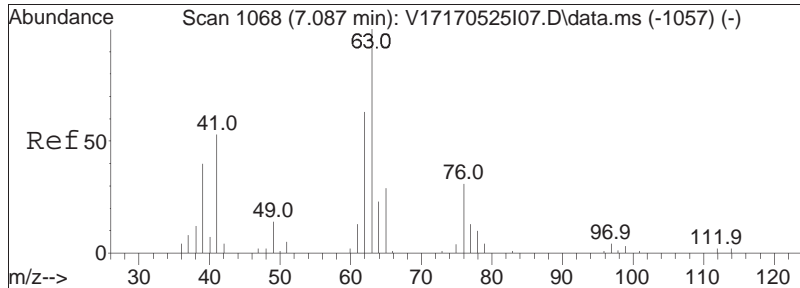




#50
 Dibromomethane
 Concen: 19.20 ug/L
 RT: 6.966 min Scan# 1045
 Delta R.T. -0.005 min
 Lab File: V17170716A01.D
 Acq: 16 Jul 2017 07:59 am

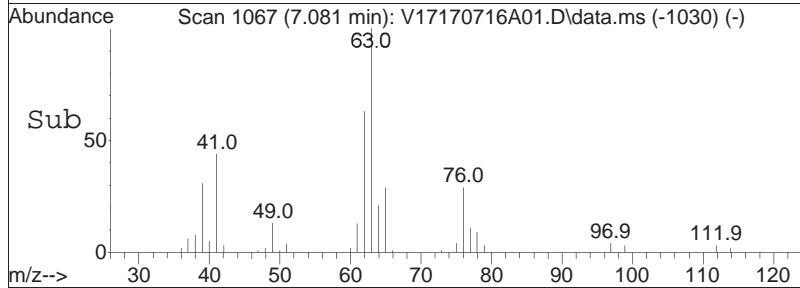
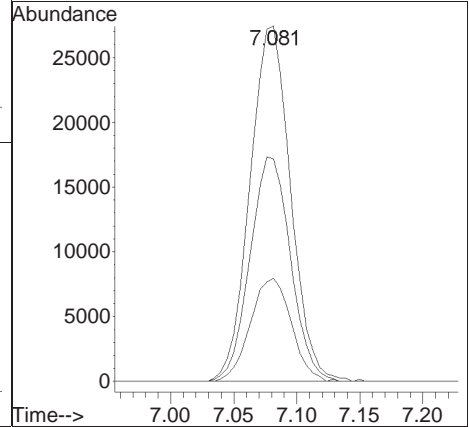
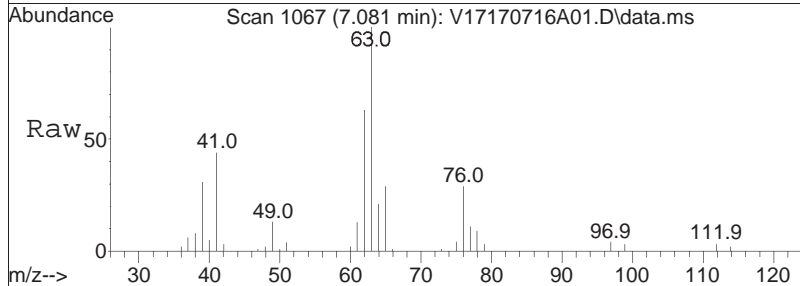
Tgt Ion	Resp	Lower	Upper
93	26501		
93	100		
95	82.6	67.5	101.3
174	103.8	89.9	134.9

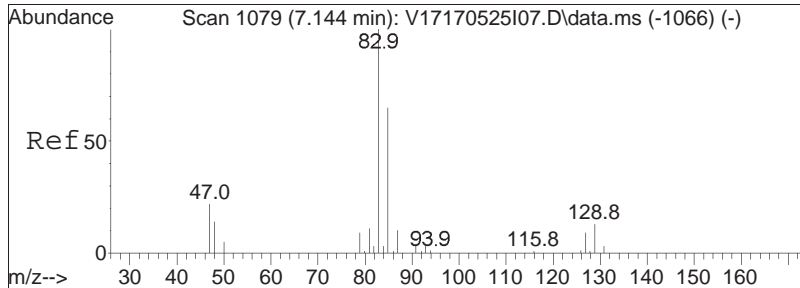




#51
 1,2-Dichloropropane
 Concen: 20.60 ug/L
 RT: 7.081 min Scan# 1067
 Delta R.T. -0.006 min
 Lab File: V17170716A01.D
 Acq: 16 Jul 2017 07:59 am

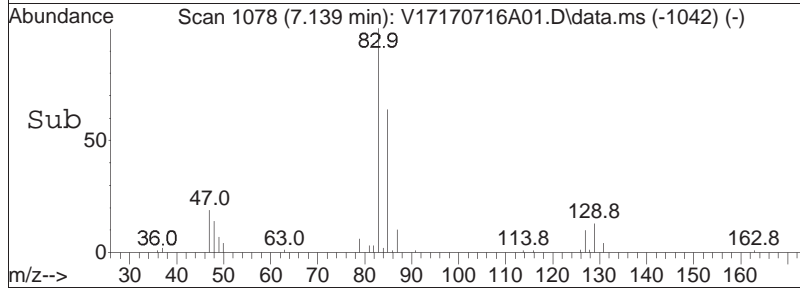
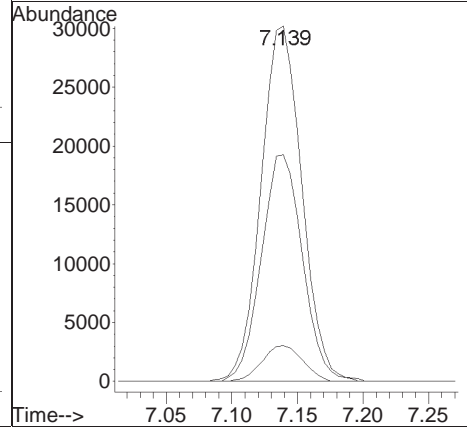
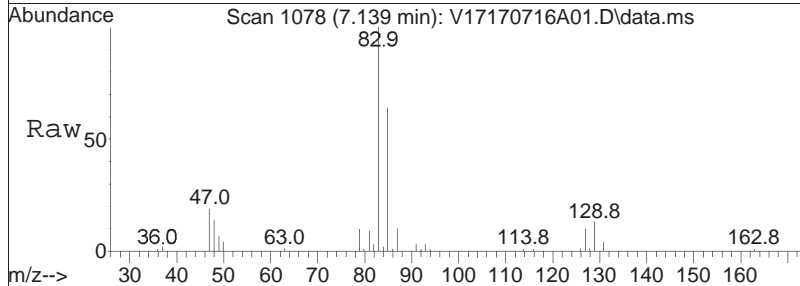
Tgt Ion:	Resp:		
Ion	Ratio	Lower	Upper
63	100		
62	63.1	50.6	76.0
76	29.3	23.4	35.0

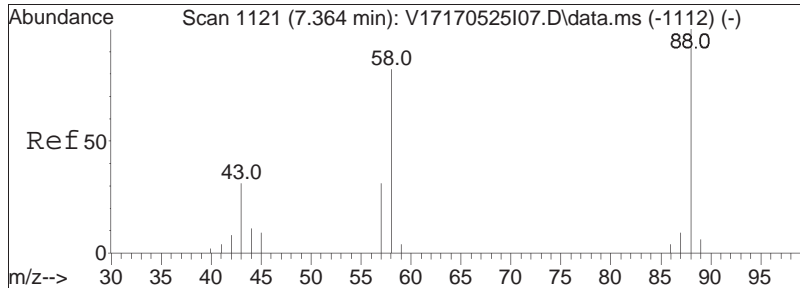




#54
 Bromodichloromethane
 Concen: 19.26 ug/L
 RT: 7.139 min Scan# 1078
 Delta R.T. -0.011 min
 Lab File: V17170716A01.D
 Acq: 16 Jul 2017 07:59 am

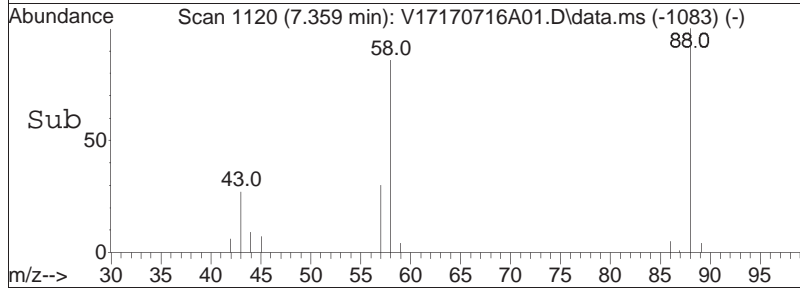
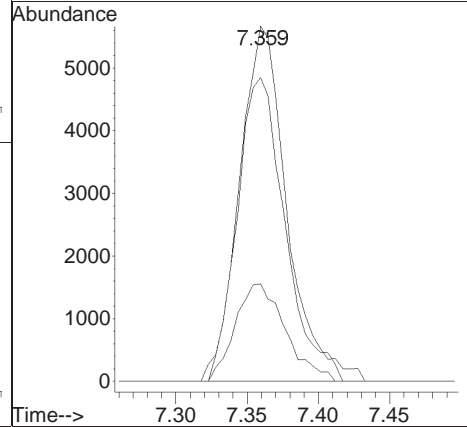
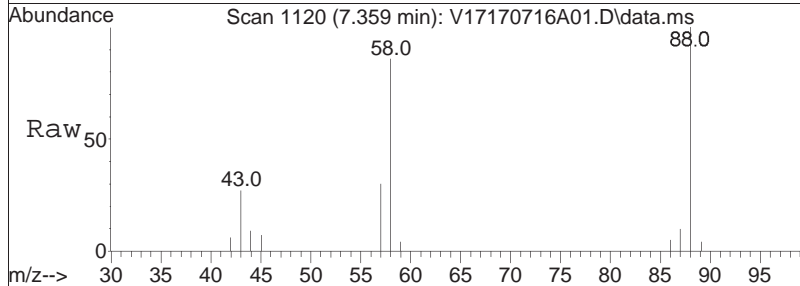
Tgt Ion	Resp	Lower	Upper
83	65430		
83	100		
85	64.2	51.0	76.4
127	10.1	8.1	12.1

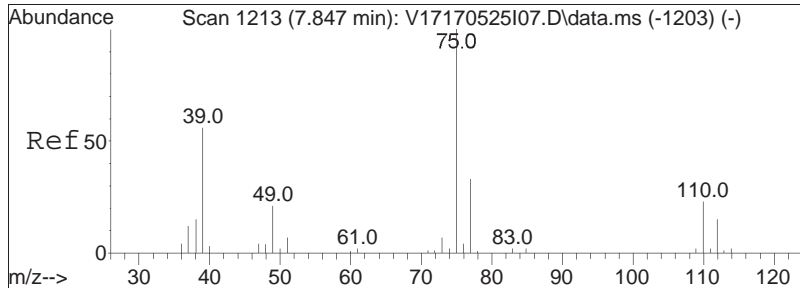




#57
 1,4-Dioxane
 Concen: 837.57 ug/L
 RT: 7.359 min Scan# 1120
 Delta R.T. -0.006 min
 Lab File: V17170716A01.D
 Acq: 16 Jul 2017 07:59 am

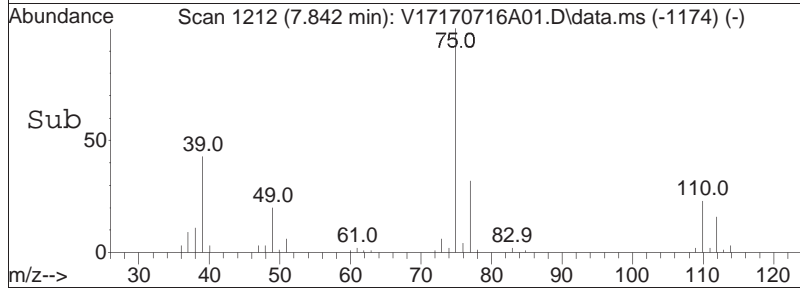
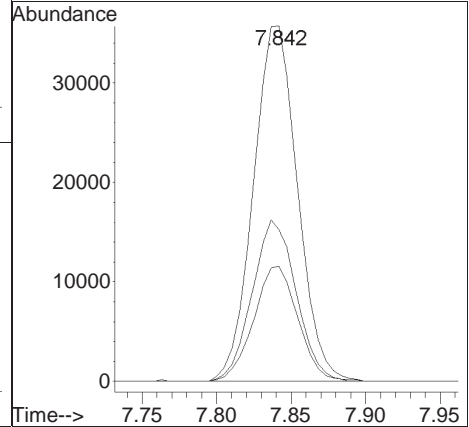
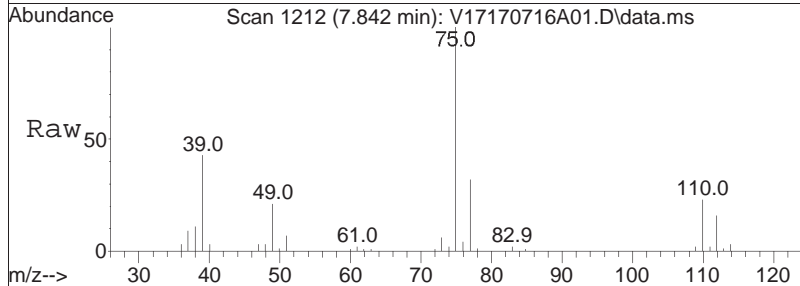
Tgt Ion	Resp	Lower	Upper
88	13091		
88	100		
58	87.2	66.0	99.0
43	29.2	28.0	42.0

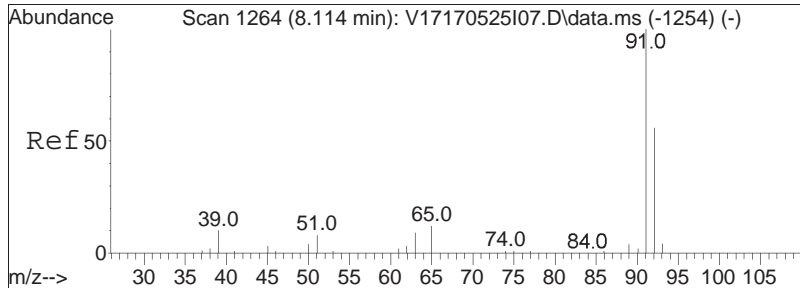




#58
 cis-1,3-Dichloropropene
 Concen: 19.22 ug/L
 RT: 7.842 min Scan# 1212
 Delta R.T. -0.000 min
 Lab File: V17170716A01.D
 Acq: 16 Jul 2017 07:59 am

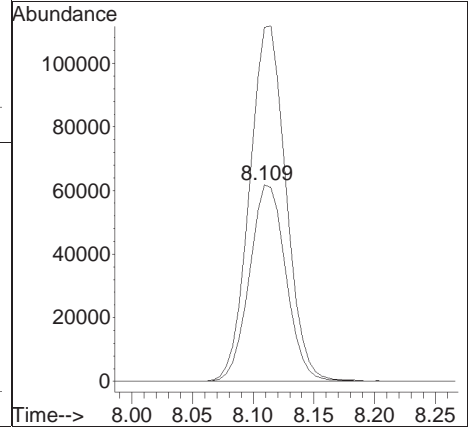
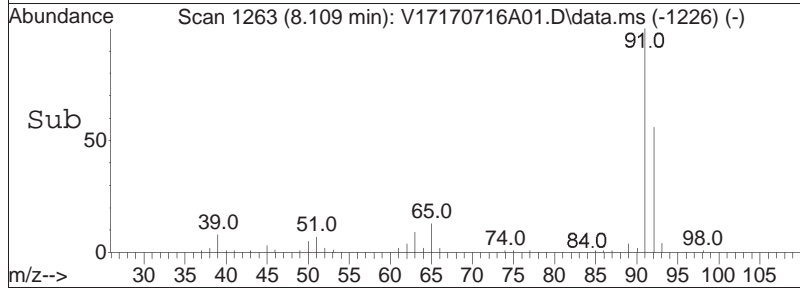
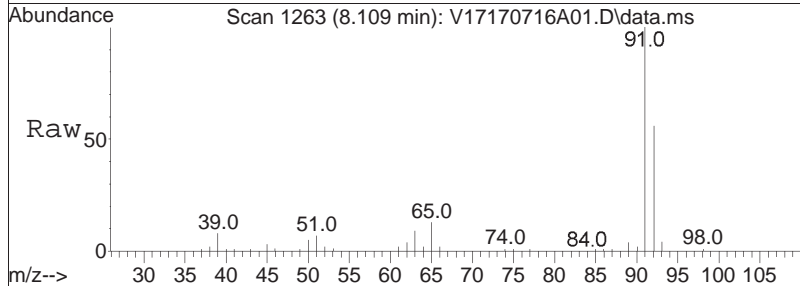
Tgt Ion:	Resp:		
Ion Ratio	Lower	Upper	
75	100		
77	32.4	25.3	37.9
39	45.2	47.8	71.8#

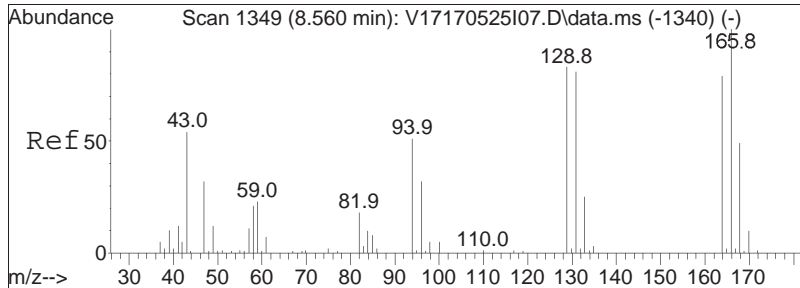




#61
 Toluene
 Concen: 22.00 ug/L
 RT: 8.109 min Scan# 1263
 Delta R.T. -0.005 min
 Lab File: V17170716A01.D
 Acq: 16 Jul 2017 07:59 am

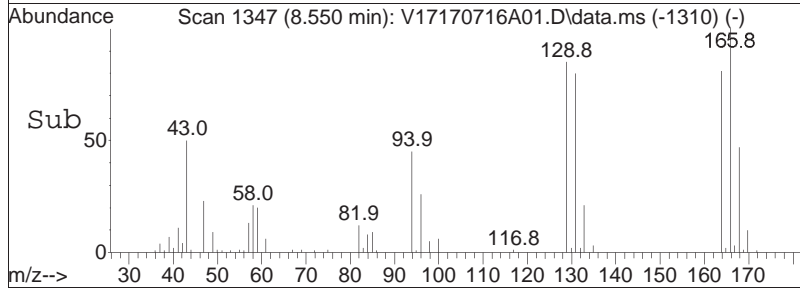
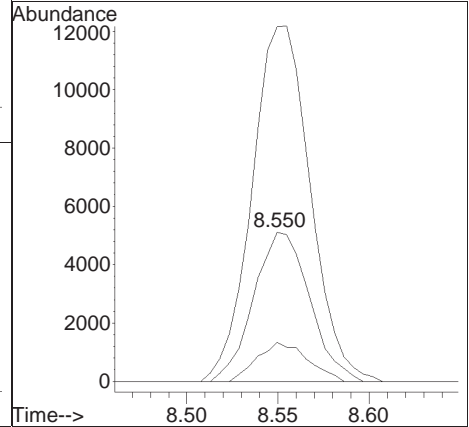
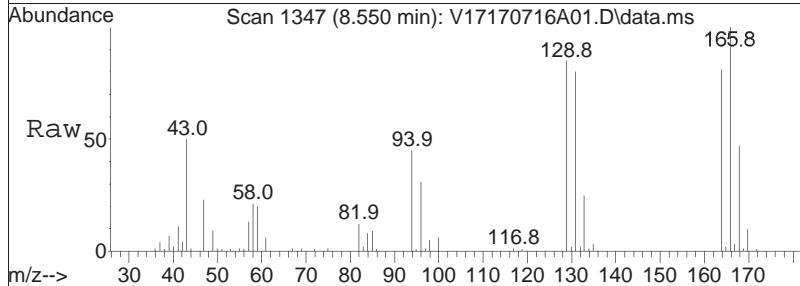
Tgt Ion:	Resp:		
Ion Ratio	Lower	Upper	
92	100		
91	180.9	142.4	213.6

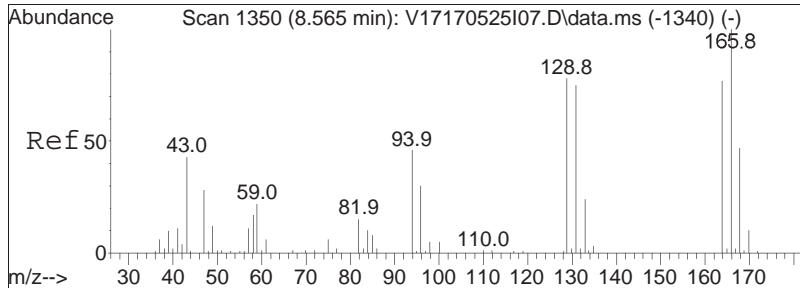




#62
 4-Methyl-2-pentanone
 Concen: 18.64 ug/L
 RT: 8.550 min Scan# 1347
 Delta R.T. -0.005 min
 Lab File: V17170716A01.D
 Acq: 16 Jul 2017 07:59 am

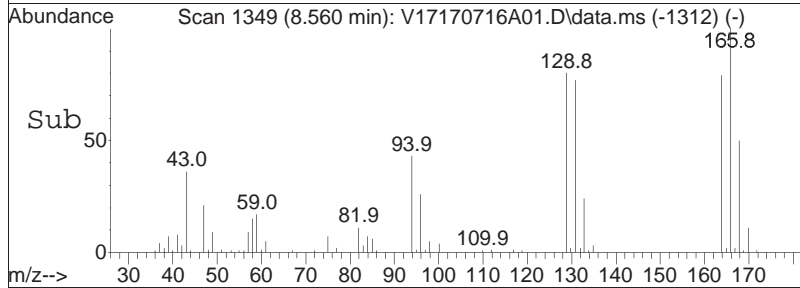
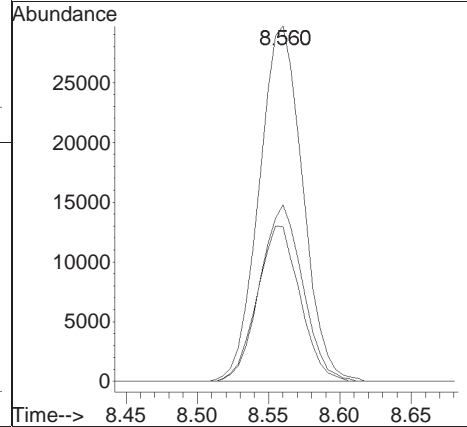
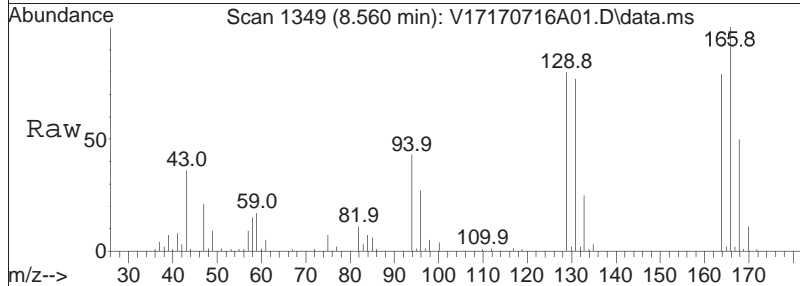
Tgt Ion:	58	Resp:	10912
Ion Ratio	Lower	Upper	
58	100		
100	23.7	20.5	30.7
43	248.1	224.2	336.2

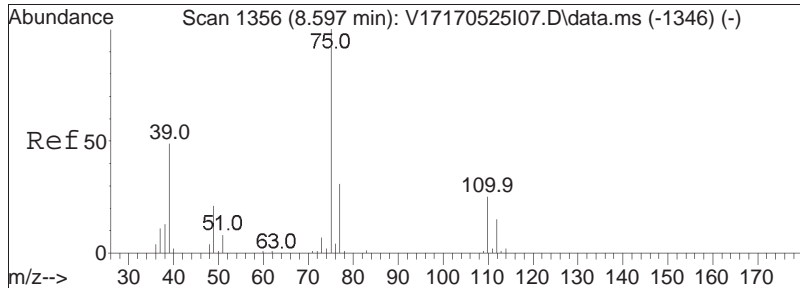




#63
 Tetrachloroethene
 Concen: 23.05 ug/L
 RT: 8.560 min Scan# 1349
 Delta R.T. -0.005 min
 Lab File: V17170716A01.D
 Acq: 16 Jul 2017 07:59 am

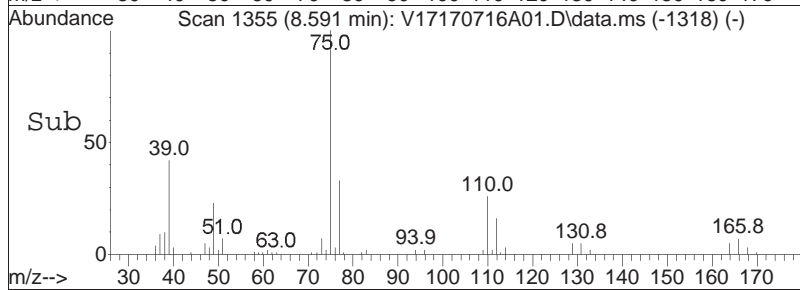
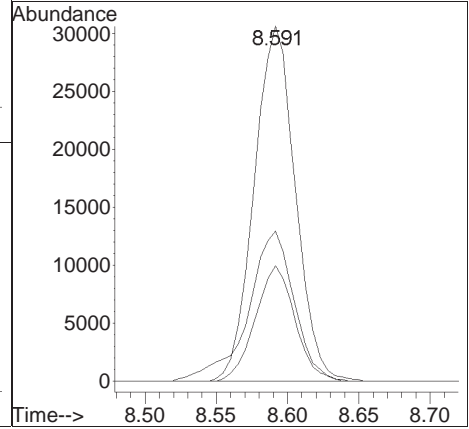
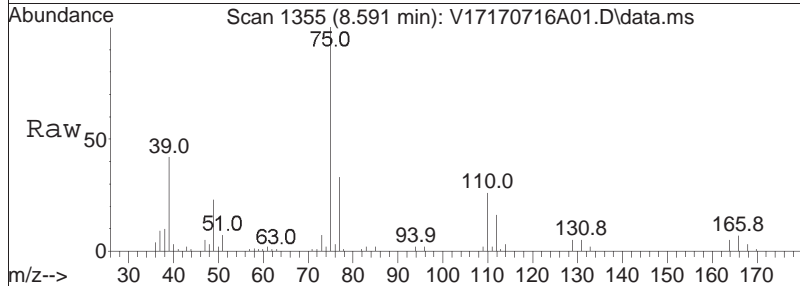
Tgt Ion	Ratio	Lower	Upper
166	100		
168	48.7	27.9	67.9
94	43.0	20.4	60.4

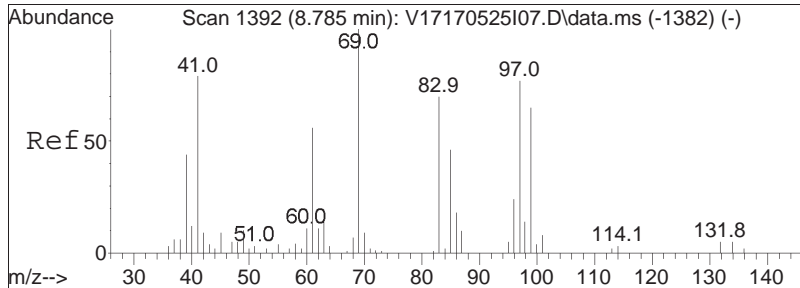




#65
 trans-1,3-Dichloropropene
 Concen: 20.34 ug/L
 RT: 8.591 min Scan# 1355
 Delta R.T. -0.006 min
 Lab File: V17170716A01.D
 Acq: 16 Jul 2017 07:59 am

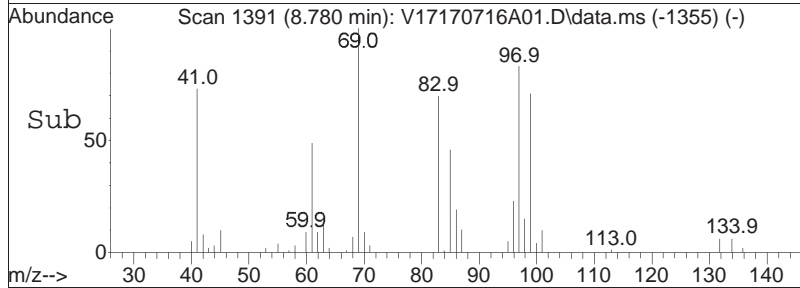
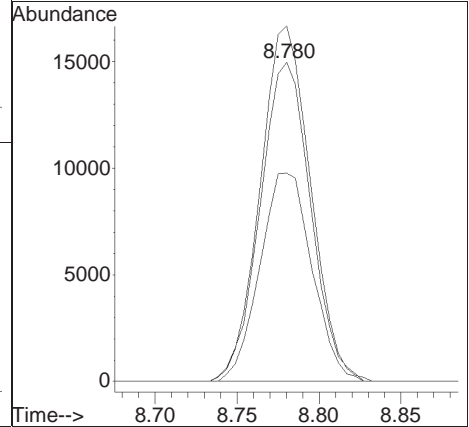
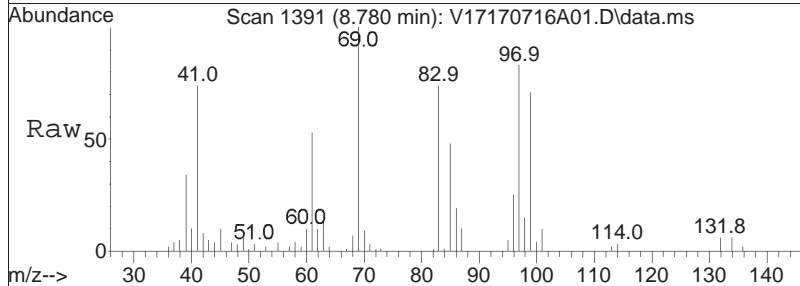
Tgt Ion	Resp	Lower	Upper
75	100		
77	31.4	11.6	51.6
39	47.3	50.0	90.0#

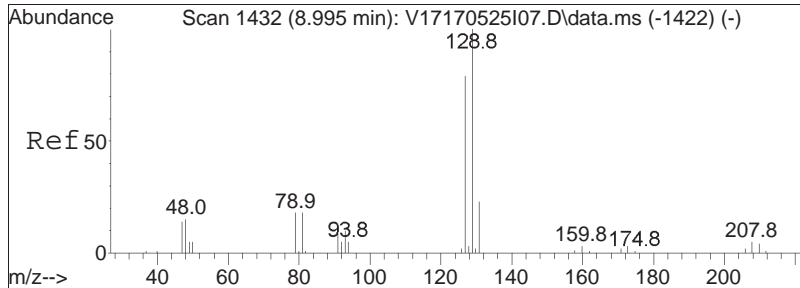




#68
 1,1,2-Trichloroethane
 Concen: 20.58 ug/L
 RT: 8.780 min Scan# 1391
 Delta R.T. -0.011 min
 Lab File: V17170716A01.D
 Acq: 16 Jul 2017 07:59 am

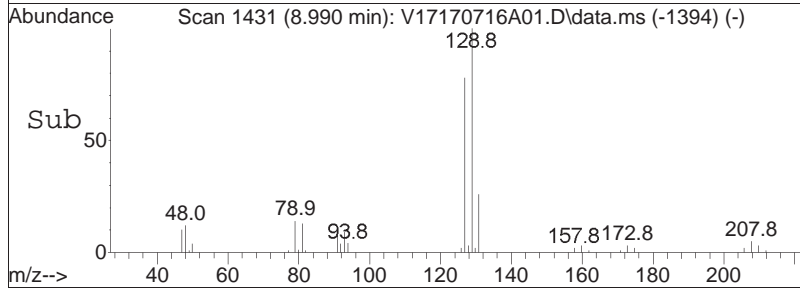
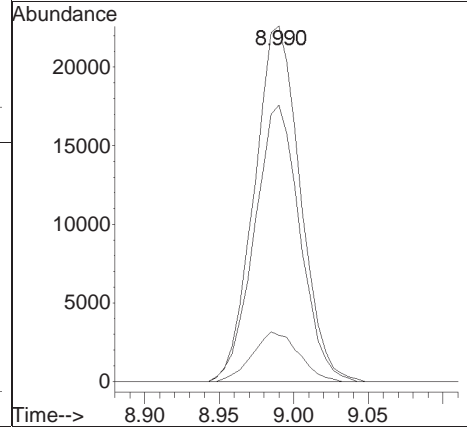
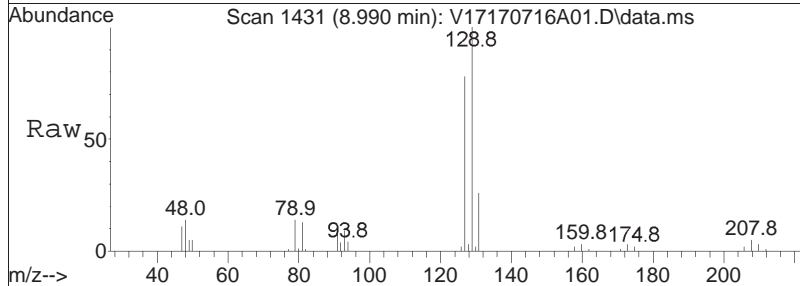
Tgt Ion	Resp	Lower	Upper
83	32140		
83	100		
97	110.9	91.5	131.5
85	67.2	47.5	87.5

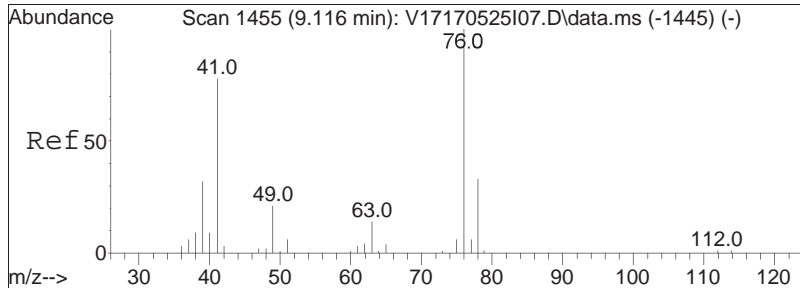




#69
 Chlorodibromomethane
 Concen: 21.03 ug/L
 RT: 8.990 min Scan# 1431
 Delta R.T. -0.005 min
 Lab File: V17170716A01.D
 Acq: 16 Jul 2017 07:59 am

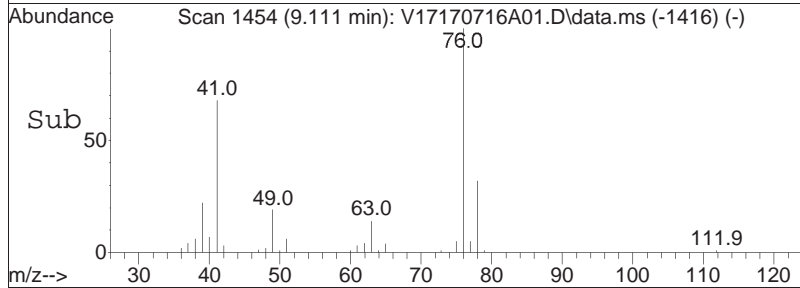
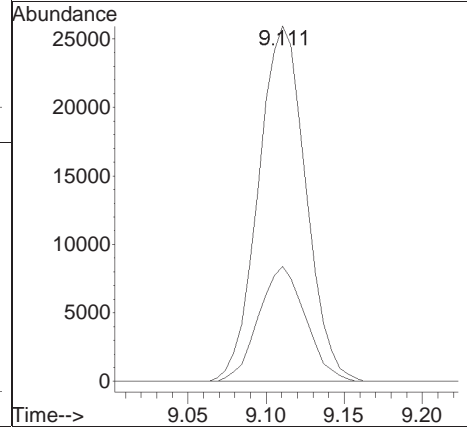
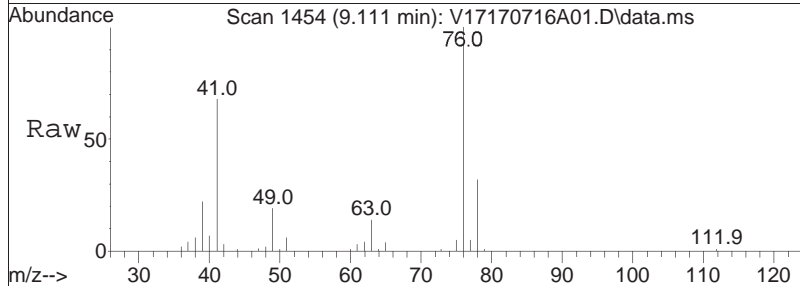
Tgt Ion	Resp	Lower	Upper
129	48505		
129	100		
81	14.0	0.0	34.2
127	77.0	55.9	95.9

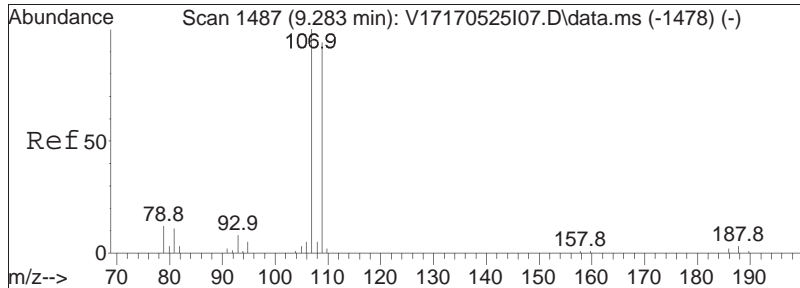




#70
 1,3-Dichloropropane
 Concen: 20.08 ug/L
 RT: 9.111 min Scan# 1454
 Delta R.T. -0.000 min
 Lab File: V17170716A01.D
 Acq: 16 Jul 2017 07:59 am

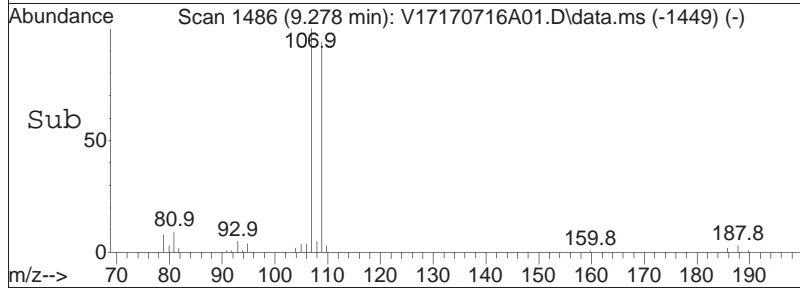
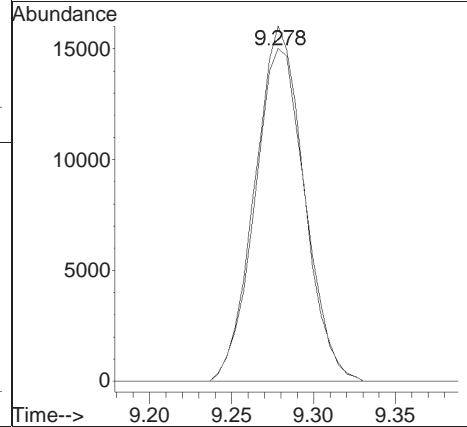
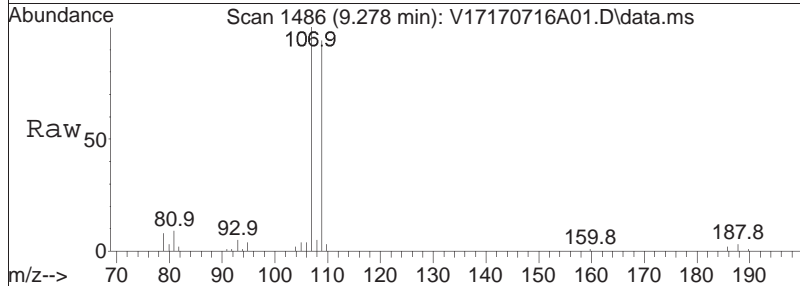
Tgt Ion:	Resp:	Lower	Upper
76	100		
78	32.0	26.0	39.0

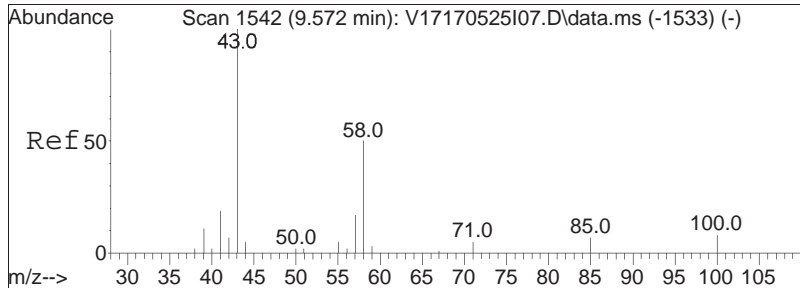




#71
 1,2-Dibromoethane
 Concen: 19.88 ug/L
 RT: 9.278 min Scan# 1486
 Delta R.T. -0.006 min
 Lab File: V17170716A01.D
 Acq: 16 Jul 2017 07:59 am

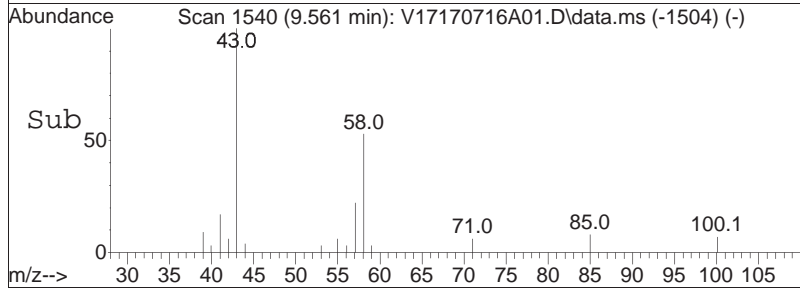
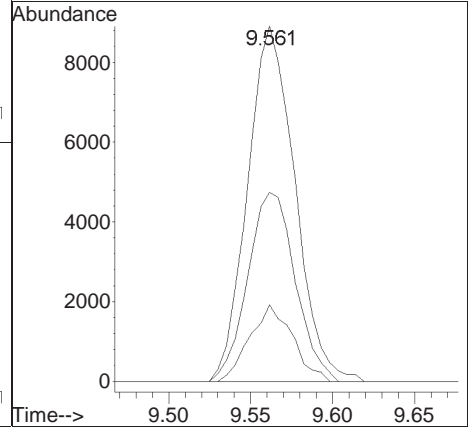
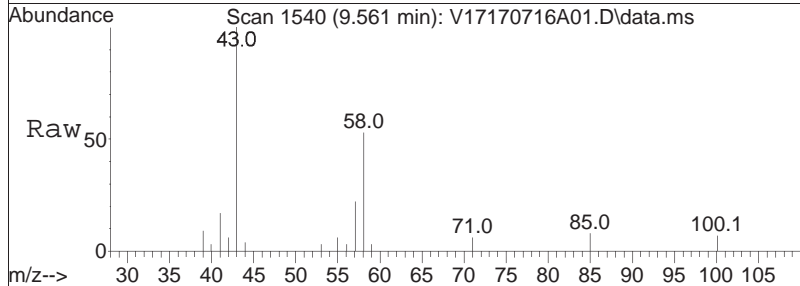
Tgt Ion	Resp	Lower	Upper
107	33539		
107	100		
109	95.0	75.4	113.2

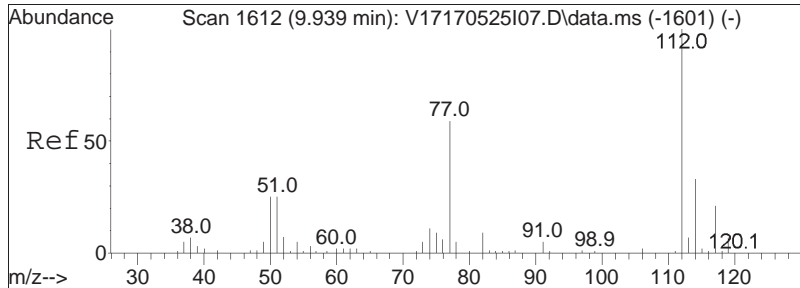




#72
 2-Hexanone
 Concen: 17.05 ug/L
 RT: 9.561 min Scan# 1540
 Delta R.T. -0.011 min
 Lab File: V17170716A01.D
 Acq: 16 Jul 2017 07:59 am

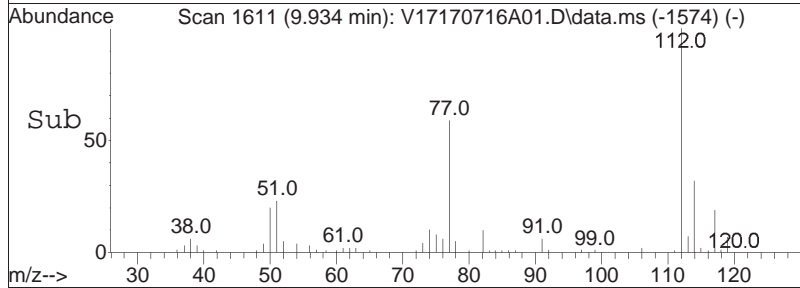
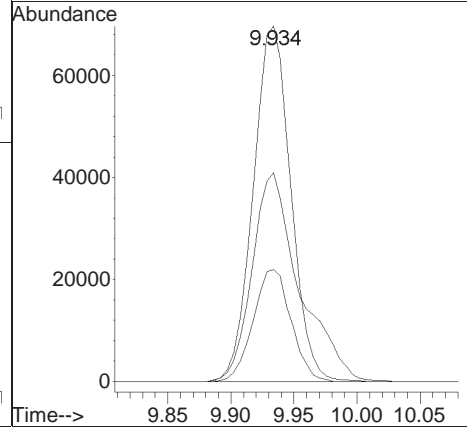
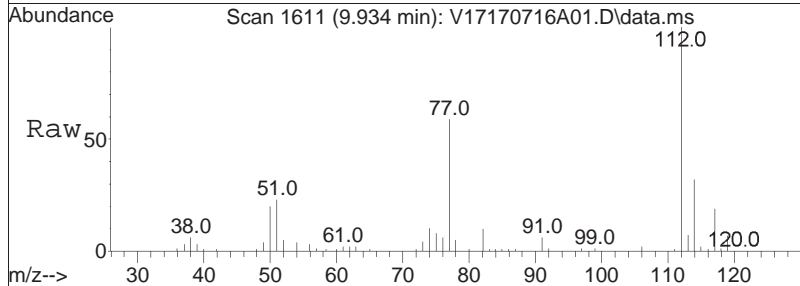
Tgt Ion	Resp	Lower	Upper
43	17880		
58	53.4	39.8	59.6
57	19.5	14.2	21.2

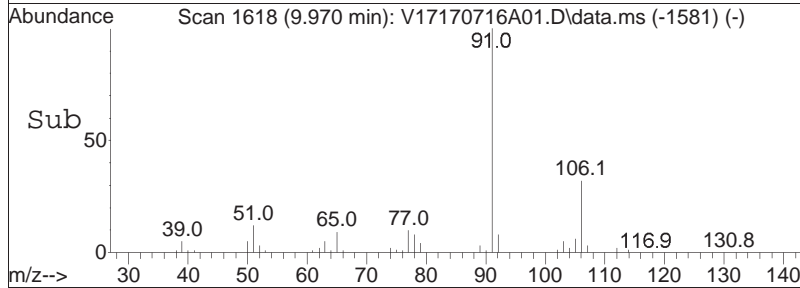
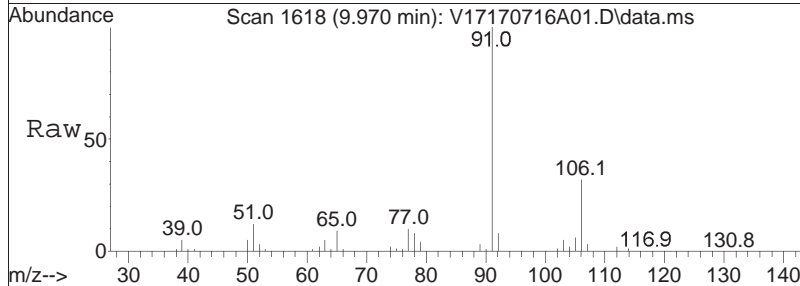
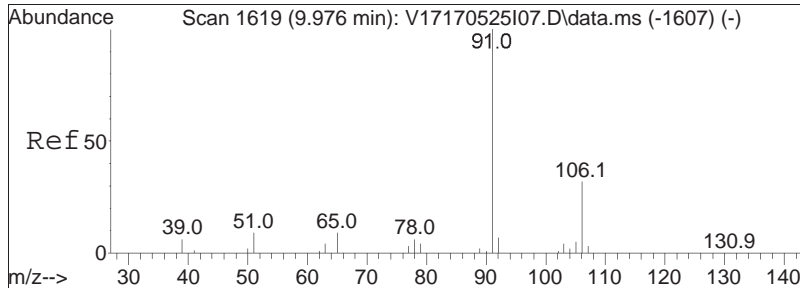




#73
 Chlorobenzene
 Concen: 21.51 ug/L
 RT: 9.934 min Scan# 1611
 Delta R.T. -0.005 min
 Lab File: V17170716A01.D
 Acq: 16 Jul 2017 07:59 am

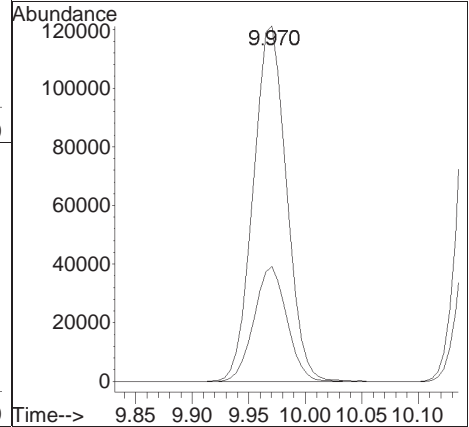
Tgt Ion	Resp	Lower	Upper
112	143977		
77	74.1	55.8	83.8
114	31.7	26.2	39.2

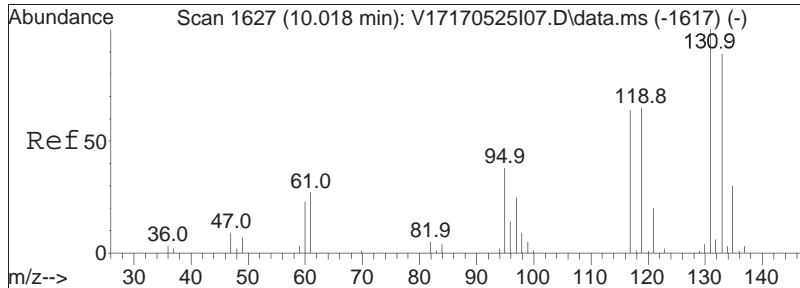




#74
 Ethylbenzene
 Concen: 21.24 ug/L
 RT: 9.970 min Scan# 1618
 Delta R.T. -0.006 min
 Lab File: V17170716A01.D
 Acq: 16 Jul 2017 07:59 am

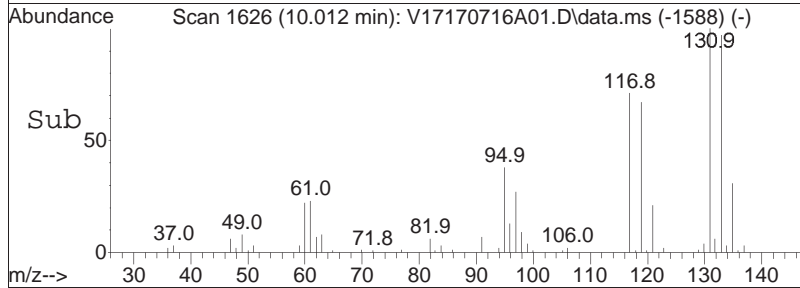
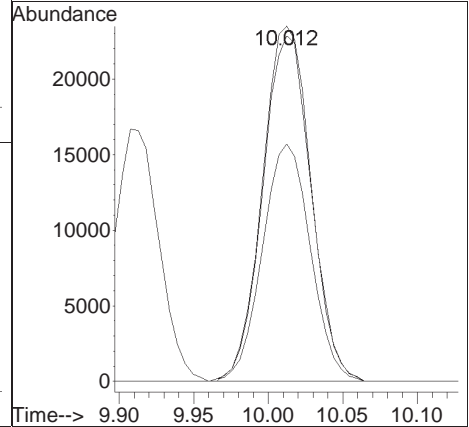
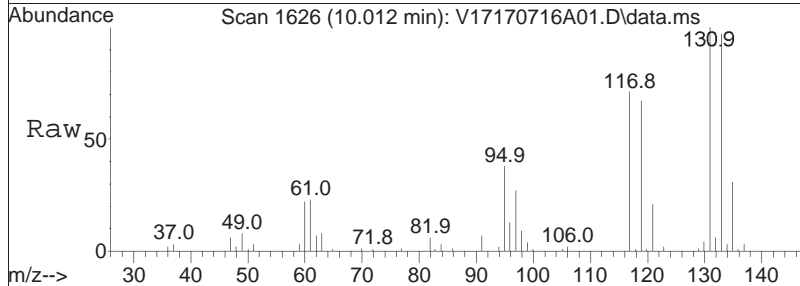
Tgt Ion:	91	Resp:	247486
Ion Ratio	Lower	Upper	
91	100		
106	31.9	25.8	38.6

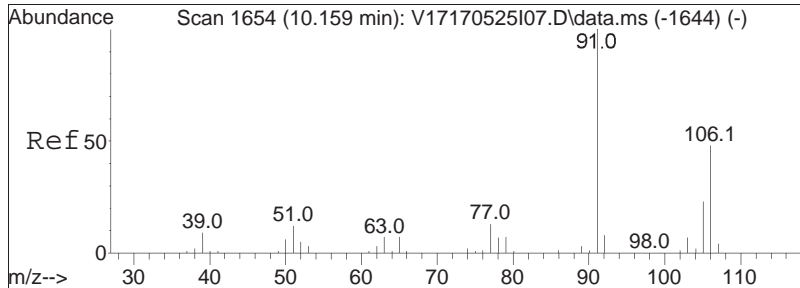




#75
 1,1,1,2-Tetrachloroethane
 Concen: 21.86 ug/L
 RT: 10.012 min Scan# 1626
 Delta R.T. 0.000 min
 Lab File: V17170716A01.D
 Acq: 16 Jul 2017 07:59 am

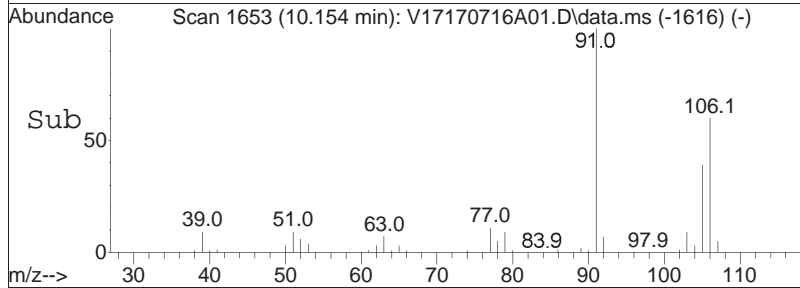
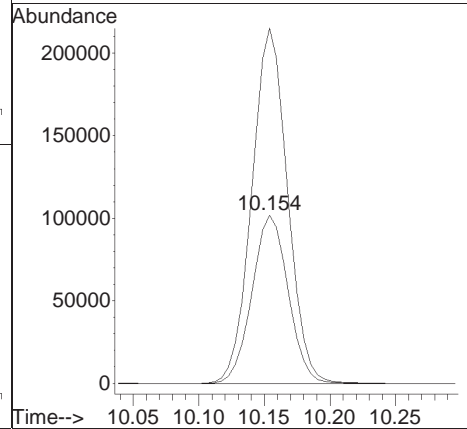
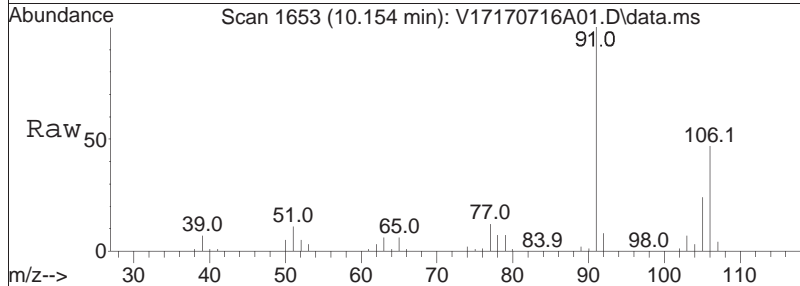
Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.4	75.5	115.5
119	66.1	46.4	86.4

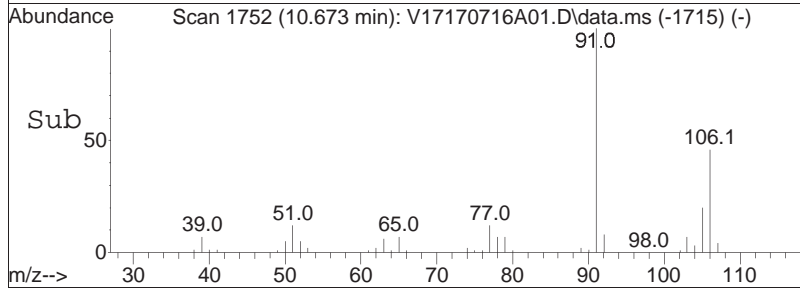
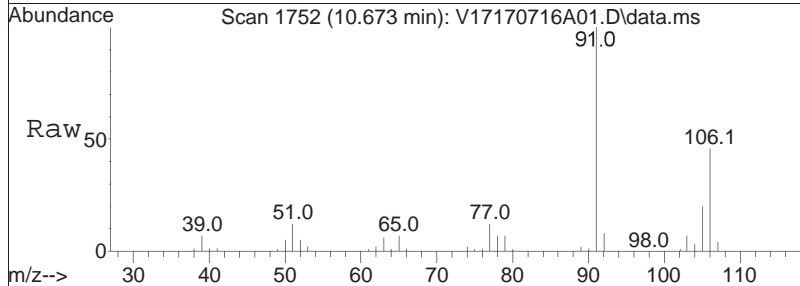
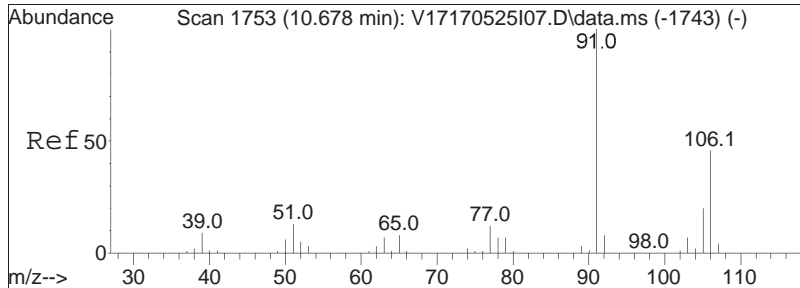




#76
 p/m Xylene
 Concen: 43.51 ug/L
 RT: 10.154 min Scan# 1653
 Delta R.T. -0.005 min
 Lab File: V17170716A01.D
 Acq: 16 Jul 2017 07:59 am

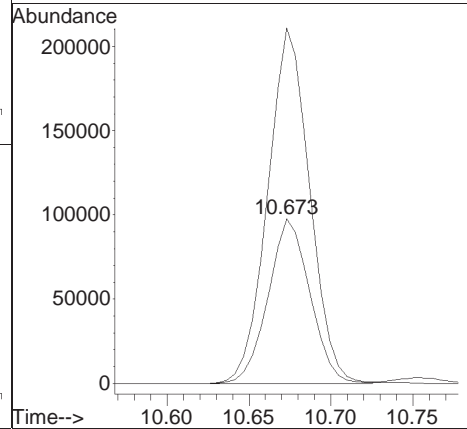
Tgt Ion	Resp	Lower	Upper
106	100		
91	208.6	162.9	244.3

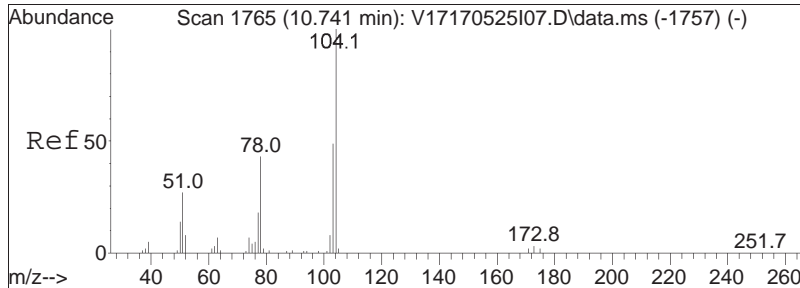




#77
 o Xylene
 Concen: 40.61 ug/L
 RT: 10.673 min Scan# 1752
 Delta R.T. -0.005 min
 Lab File: V17170716A01.D
 Acq: 16 Jul 2017 07:59 am

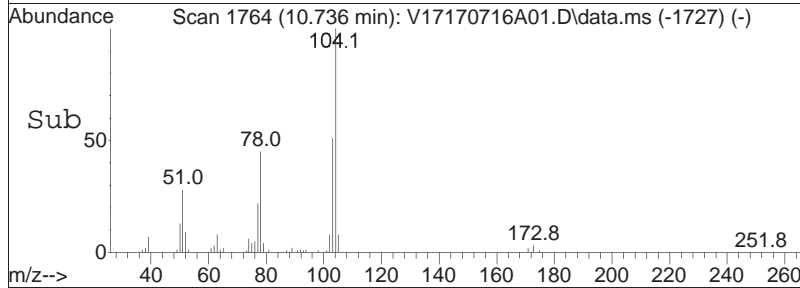
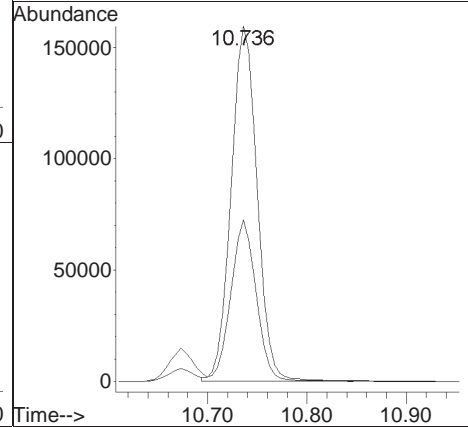
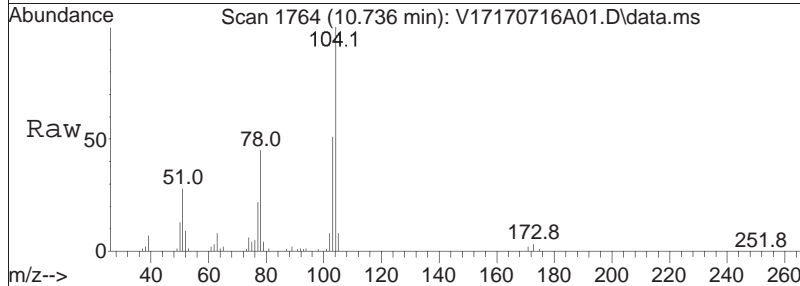
Tgt Ion	Resp	Lower	Upper
106	172530		
91	217.0	170.4	255.6

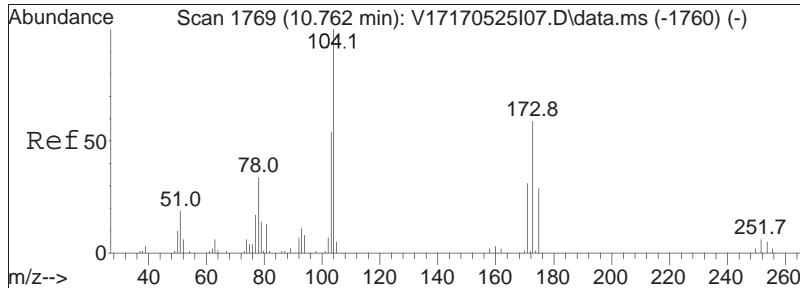




#78
 Styrene
 Concen: 41.60 ug/L
 RT: 10.736 min Scan# 1764
 Delta R.T. -0.005 min
 Lab File: V17170716A01.D
 Acq: 16 Jul 2017 07:59 am

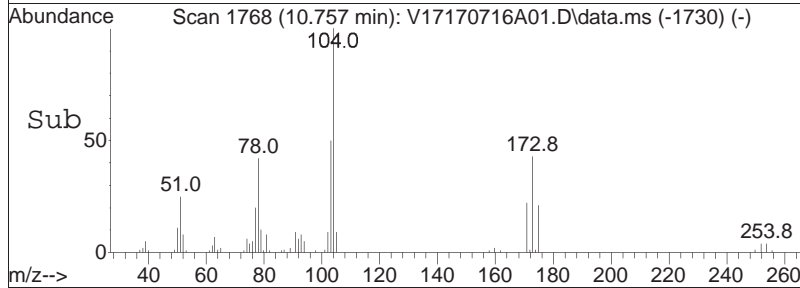
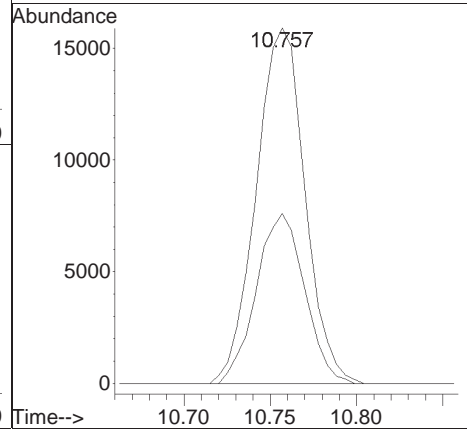
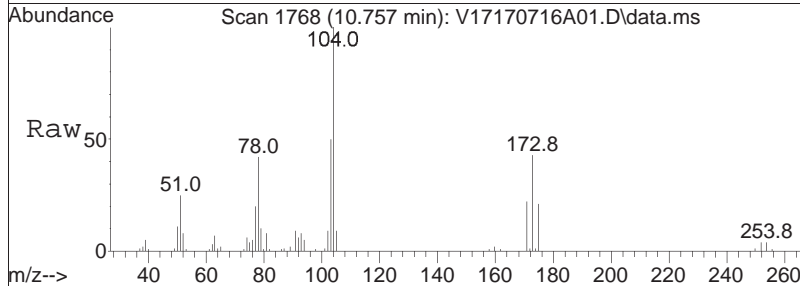
Tgt Ion	Ratio	Lower	Upper
104	100		
78	44.5	34.1	51.1

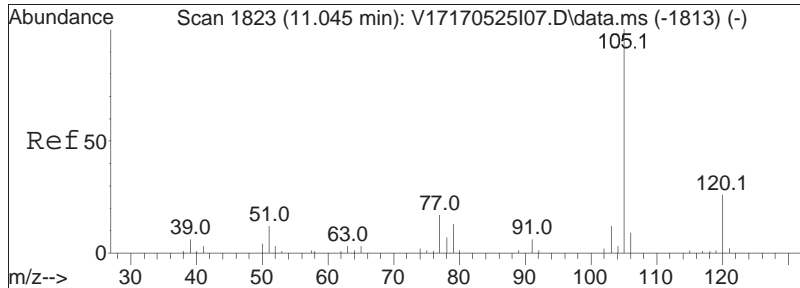




#80
 Bromoform
 Concen: 20.95 ug/L
 RT: 10.757 min Scan# 1768
 Delta R.T. -0.000 min
 Lab File: V17170716A01.D
 Acq: 16 Jul 2017 07:59 am

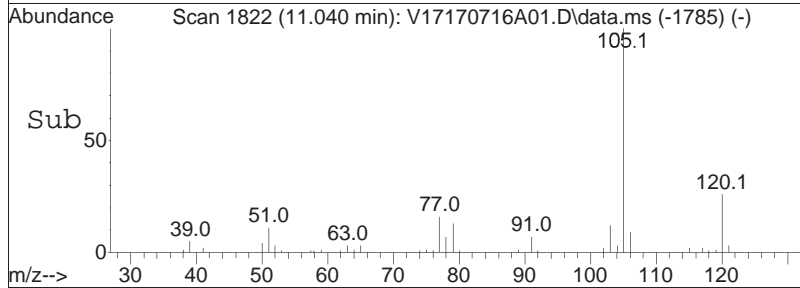
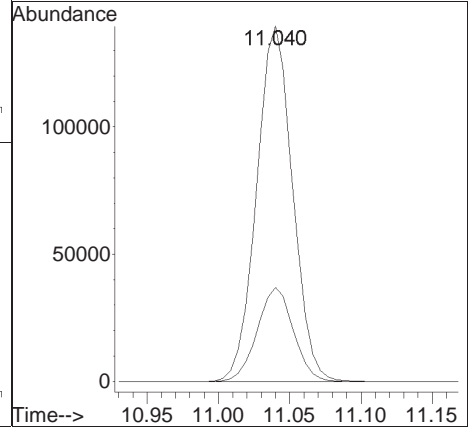
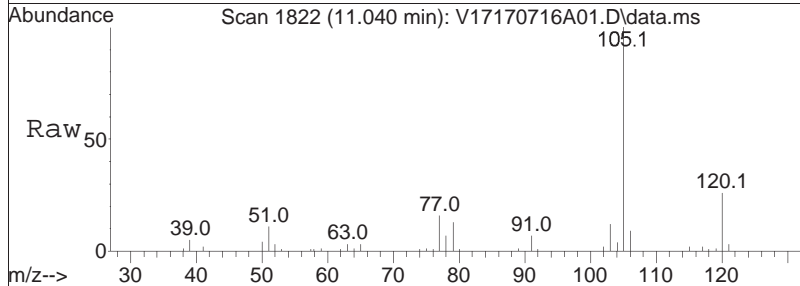
Tgt Ion:	173	Resp:	31265
Ion Ratio	Lower	Upper	
173	100		
175	47.3	28.8	68.8

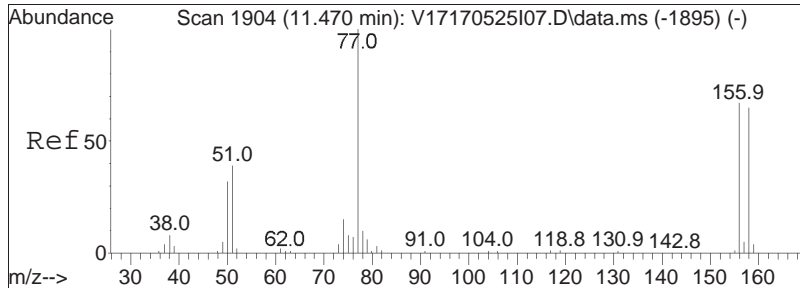




#82
 Isopropylbenzene
 Concen: 21.46 ug/L
 RT: 11.040 min Scan# 1822
 Delta R.T. -0.005 min
 Lab File: V17170716A01.D
 Acq: 16 Jul 2017 07:59 am

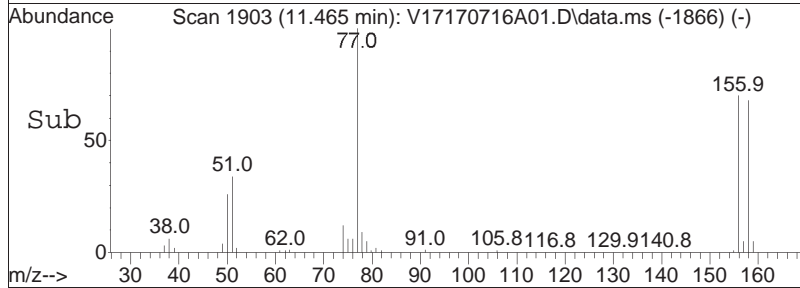
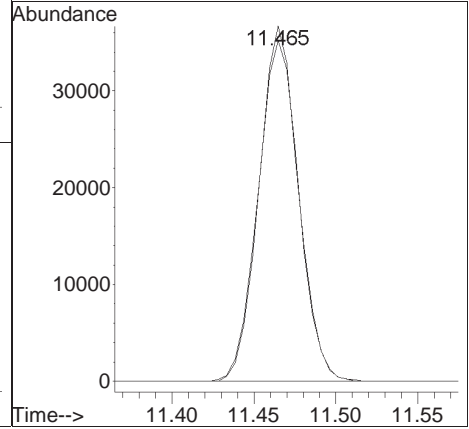
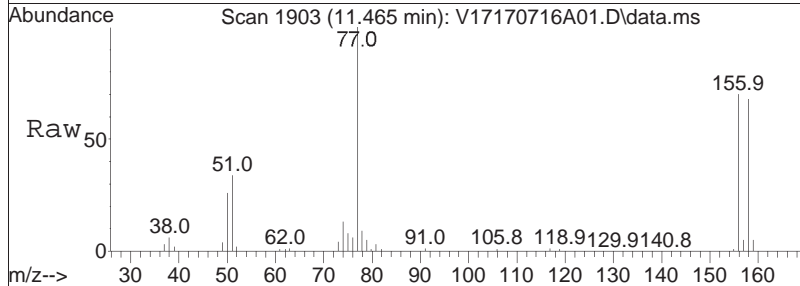
Tgt Ion	Resp	Lower	Upper
105	100		
120	26.4	6.6	46.6

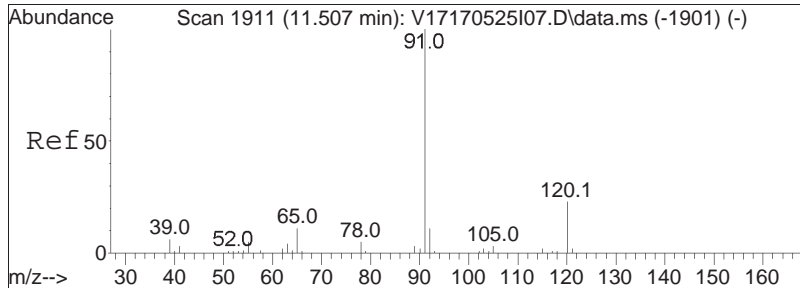




#84
 Bromobenzene
 Concen: 21.54 ug/L
 RT: 11.465 min Scan# 1903
 Delta R.T. -0.005 min
 Lab File: V17170716A01.D
 Acq: 16 Jul 2017 07:59 am

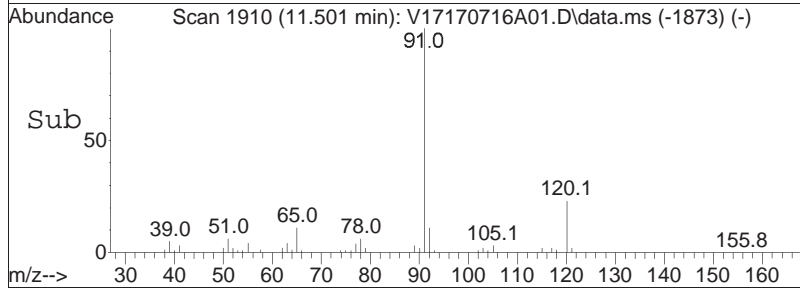
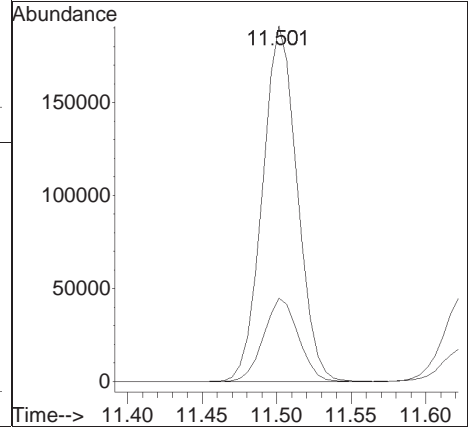
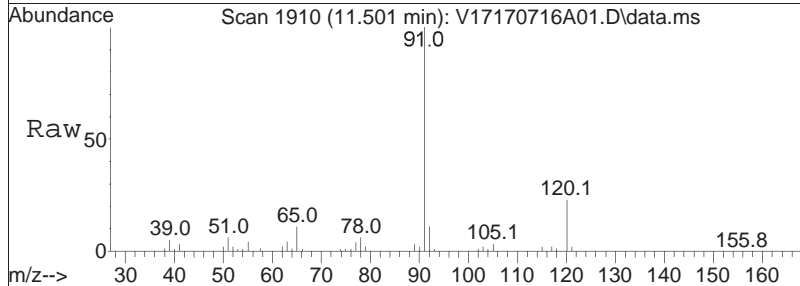
Tgt Ion	Resp	Lower	Upper
156	100		
158	97.3	78.3	117.5

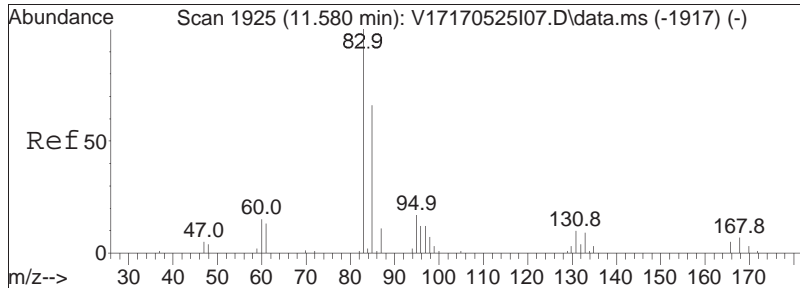




#85
 n-Propylbenzene
 Concen: 21.79 ug/L
 RT: 11.501 min Scan# 1910
 Delta R.T. -0.006 min
 Lab File: V17170716A01.D
 Acq: 16 Jul 2017 07:59 am

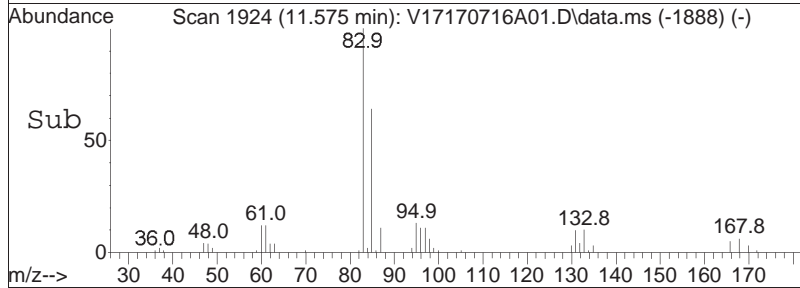
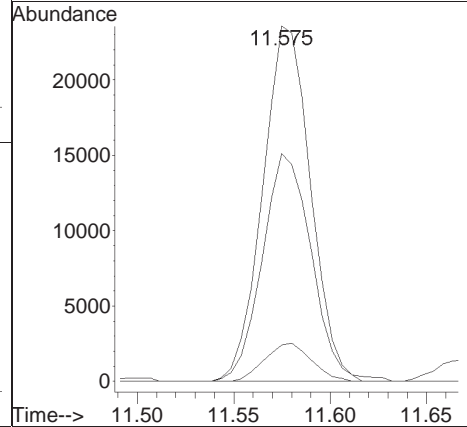
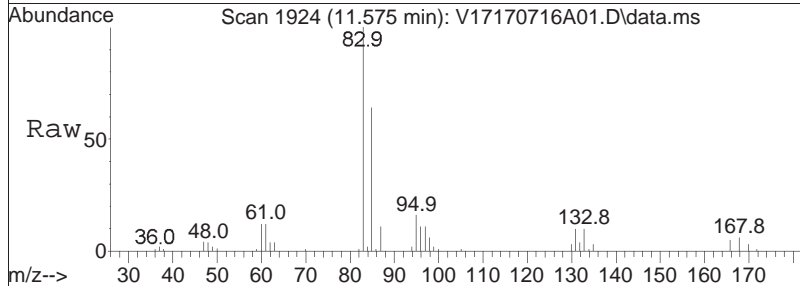
Tgt Ion:	Resp:	Lower	Upper
91	100		
120	23.3	19.5	29.3

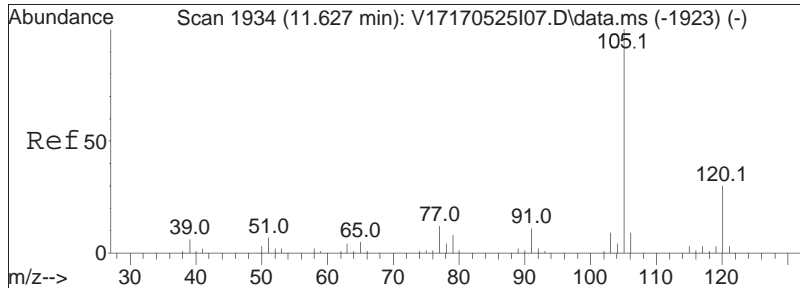




#87
 1,1,2,2-Tetrachloroethane
 Concen: 19.59 ug/L
 RT: 11.575 min Scan# 1924
 Delta R.T. -0.010 min
 Lab File: V17170716A01.D
 Acq: 16 Jul 2017 07:59 am

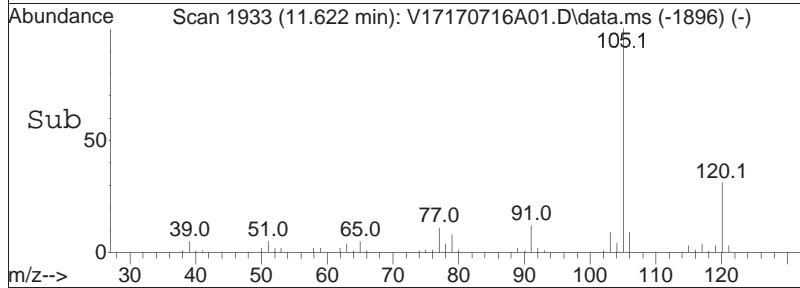
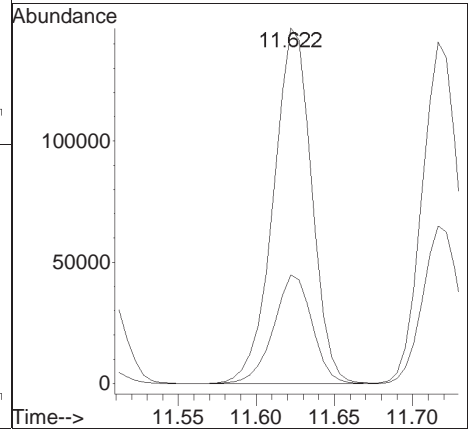
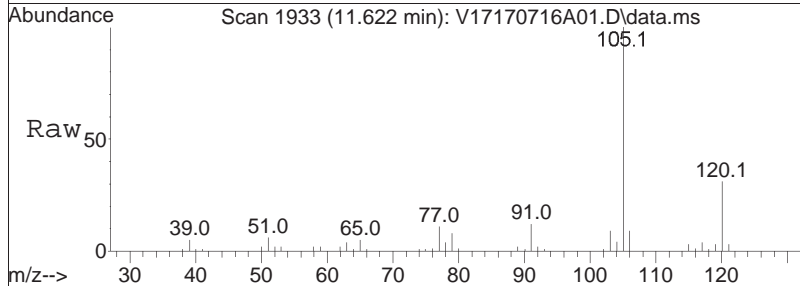
Tgt Ion	Resp	Lower	Upper
83	40642		
83	100		
131	10.5	0.0	31.5
85	65.9	45.6	85.6

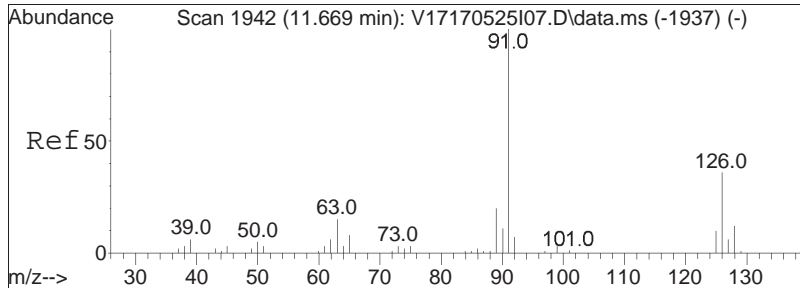




#88
 4-Ethyltoluene
 Concen: 21.97 ug/L
 RT: 11.622 min Scan# 1933
 Delta R.T. -0.005 min
 Lab File: V17170716A01.D
 Acq: 16 Jul 2017 07:59 am

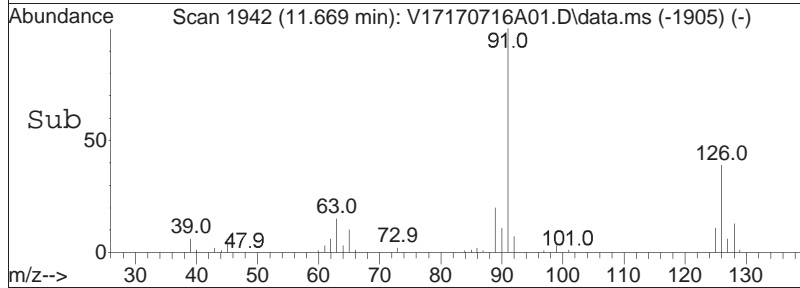
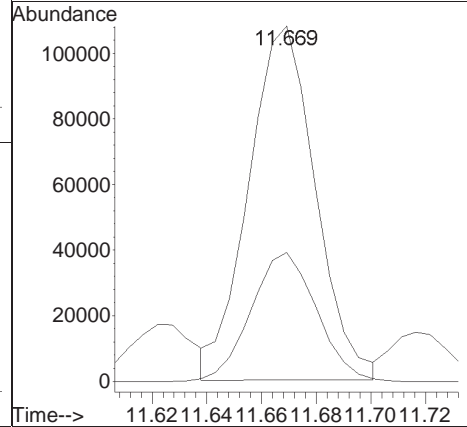
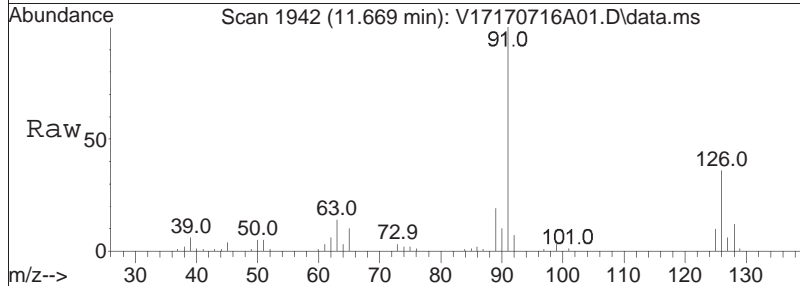
Tgt Ion	Resp	Lower	Upper
105	100		
120	30.5	20.2	42.0

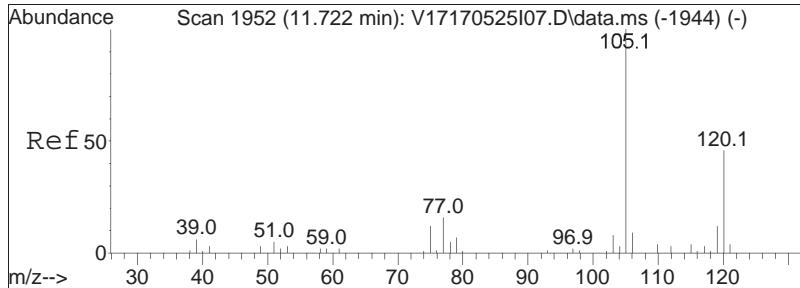




#89
 2-Chlorotoluene
 Concen: 21.94 ug/L
 RT: 11.669 min Scan# 1942
 Delta R.T. -0.006 min
 Lab File: V17170716A01.D
 Acq: 16 Jul 2017 07:59 am

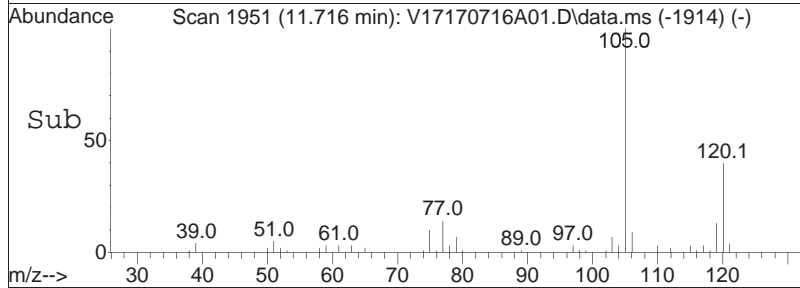
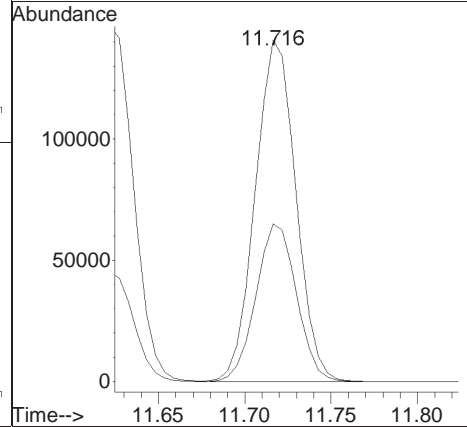
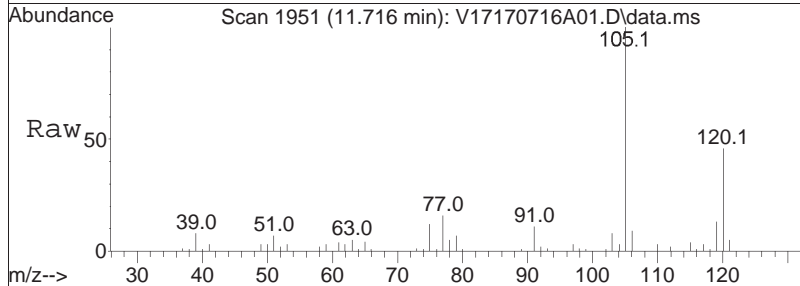
Tgt Ion:	Resp:	Lower	Upper
91	183374		
126	35.7	30.0	45.0

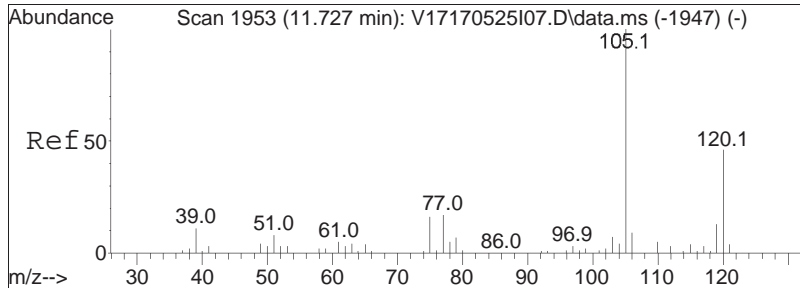




#90
 1,3,5-Trimethylbenzene
 Concen: 22.51 ug/L
 RT: 11.716 min Scan# 1951
 Delta R.T. -0.006 min
 Lab File: V17170716A01.D
 Acq: 16 Jul 2017 07:59 am

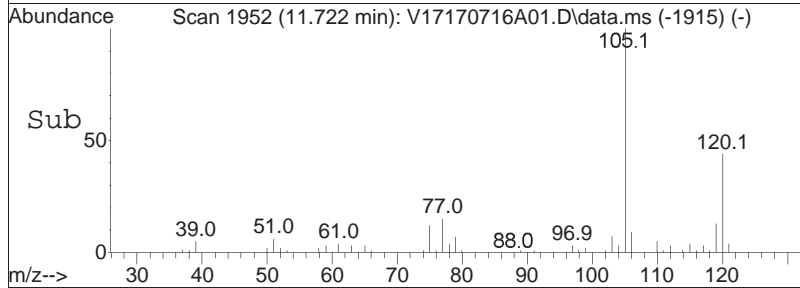
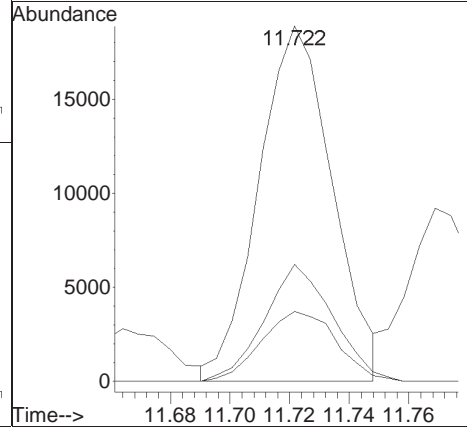
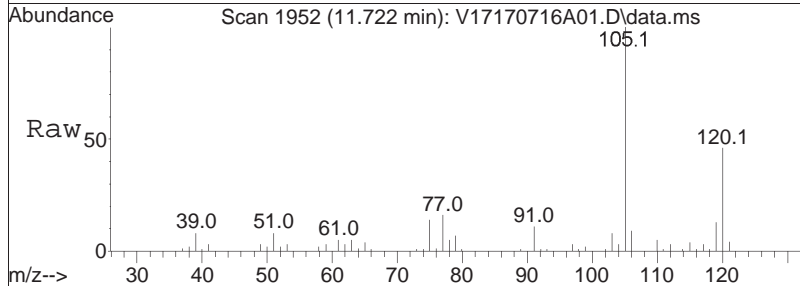
Tgt Ion	Resp	Lower	Upper
105	100		
120	46.0	37.9	56.9

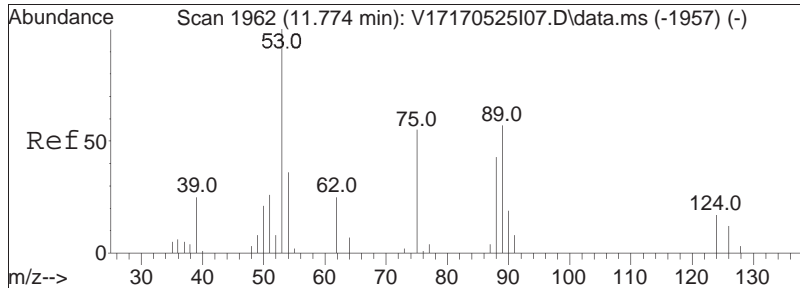




#91
 1,2,3-Trichloropropane
 Concen: 19.50 ug/L
 RT: 11.722 min Scan# 1952
 Delta R.T. -0.005 min
 Lab File: V17170716A01.D
 Acq: 16 Jul 2017 07:59 am

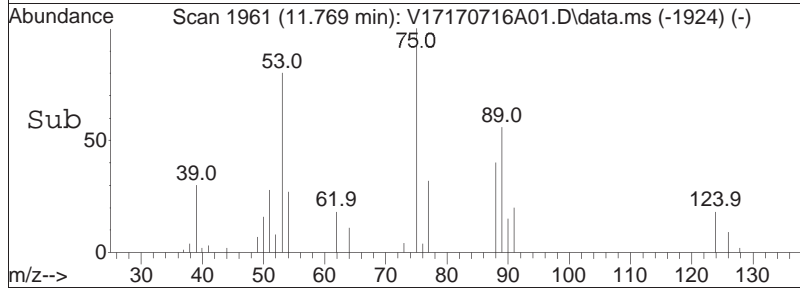
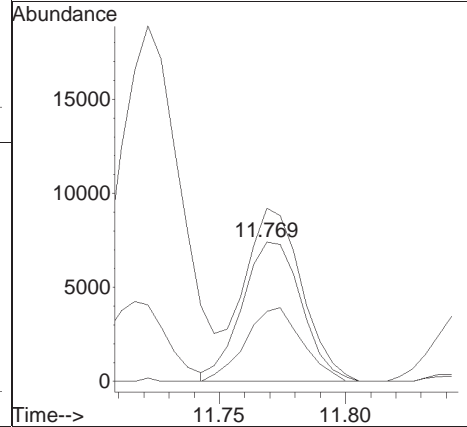
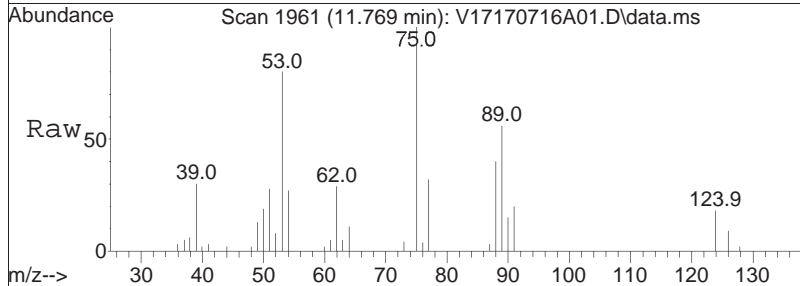
Tgt Ion	Resp	Lower	Upper
75	32405		
75	100		
110	30.5	22.6	46.8
112	20.2	14.1	29.3

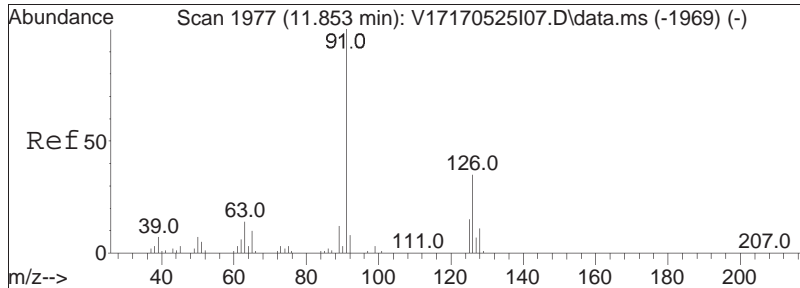




#92
 trans-1,4-Dichloro-2-butene
 Concen: 18.60 ug/L
 RT: 11.769 min Scan# 1961
 Delta R.T. -0.005 min
 Lab File: V17170716A01.D
 Acq: 16 Jul 2017 07:59 am

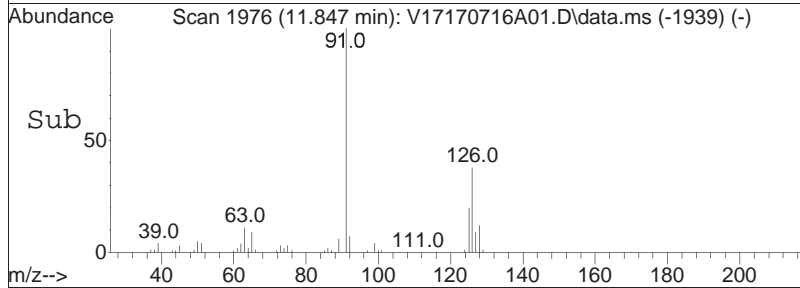
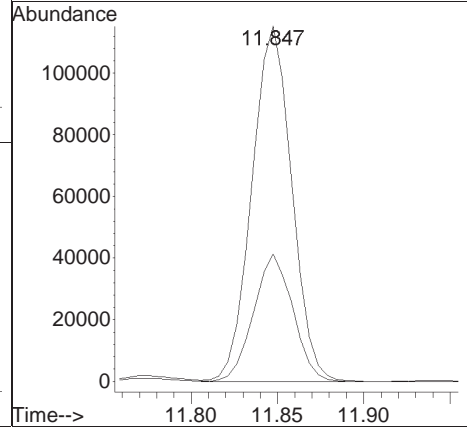
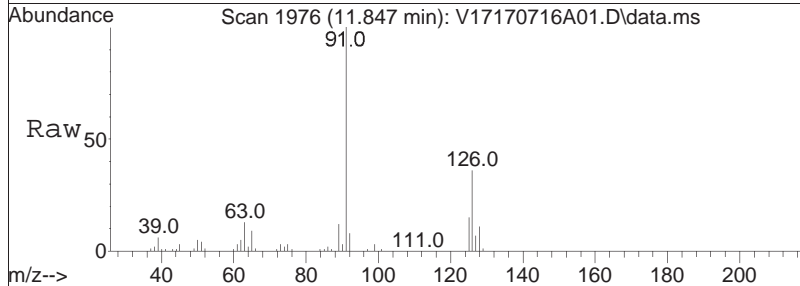
Tgt Ion	Resp	Lower	Upper
53	12165		
88	50.3	33.7	50.5
75	121.4	81.6	122.4

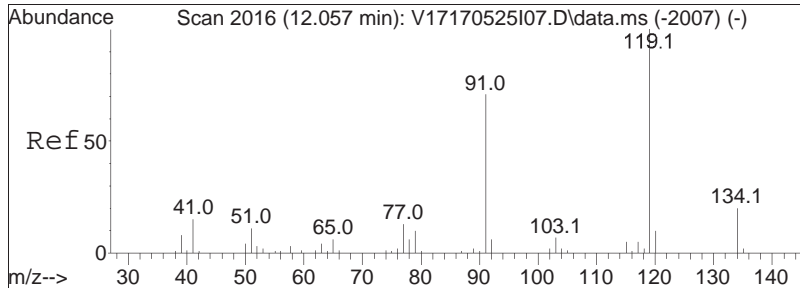




#93
 4-Chlorotoluene
 Concen: 21.71 ug/L
 RT: 11.847 min Scan# 1976
 Delta R.T. -0.006 min
 Lab File: V17170716A01.D
 Acq: 16 Jul 2017 07:59 am

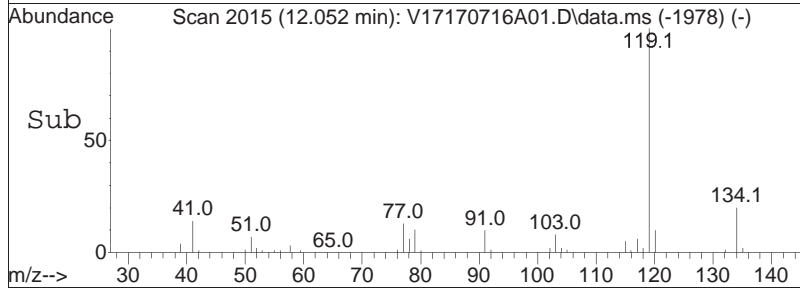
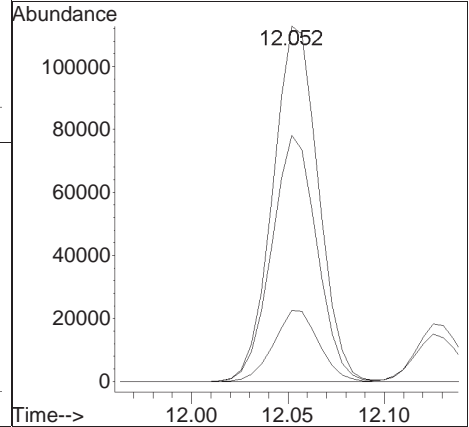
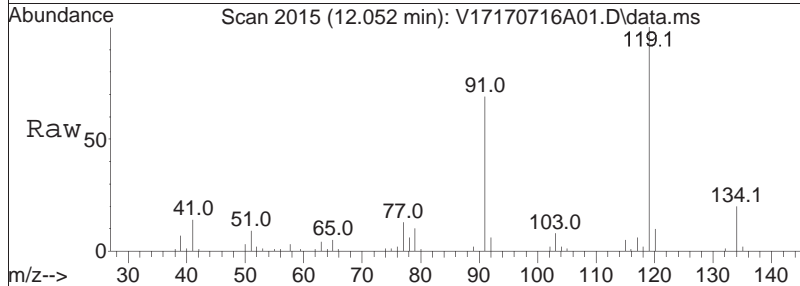
Tgt Ion:	91	Resp:	185011
Ion Ratio	Lower	Upper	
91	100		
126	35.1	29.5	44.3

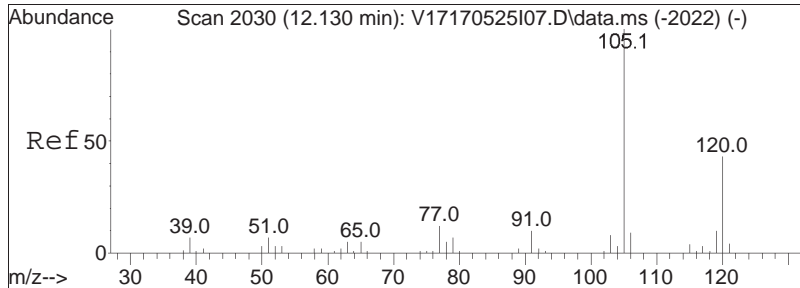




#94
 tert-Butylbenzene
 Concen: 21.94 ug/L
 RT: 12.052 min Scan# 2015
 Delta R.T. -0.005 min
 Lab File: V17170716A01.D
 Acq: 16 Jul 2017 07:59 am

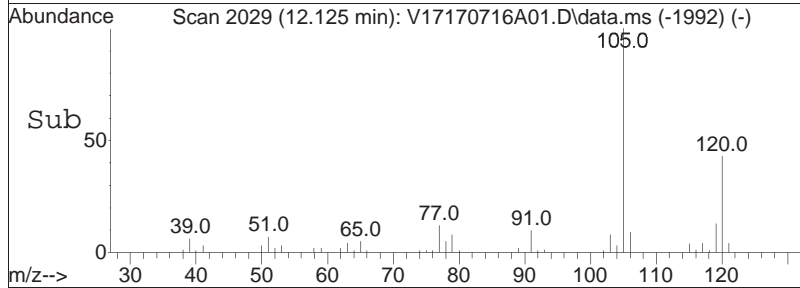
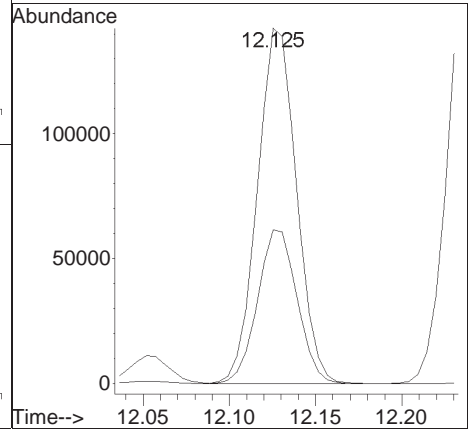
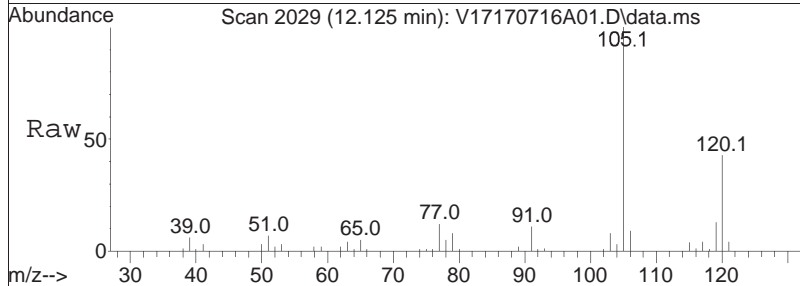
Tgt Ion	Ratio	Lower	Upper
119	100		
91	68.9	52.2	78.2
134	19.7	15.9	23.9

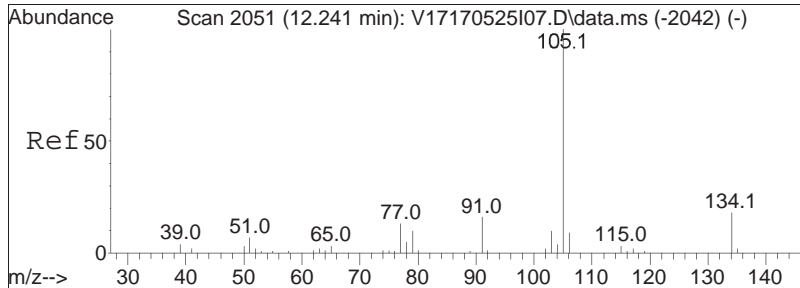




#97
 1,2,4-Trimethylbenzene
 Concen: 22.26 ug/L
 RT: 12.125 min Scan# 2029
 Delta R.T. -0.006 min
 Lab File: V17170716A01.D
 Acq: 16 Jul 2017 07:59 am

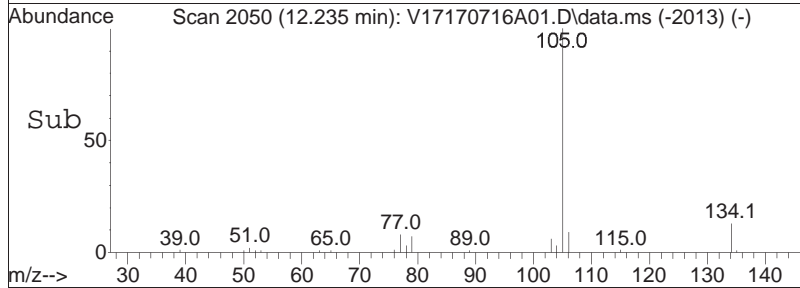
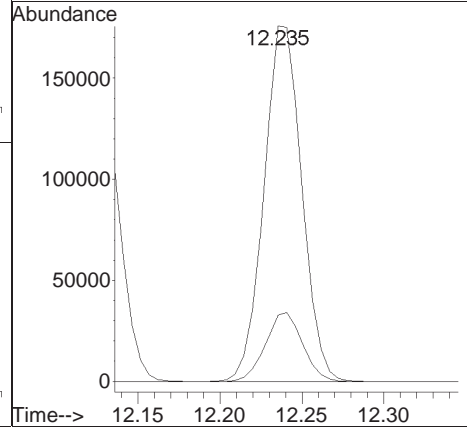
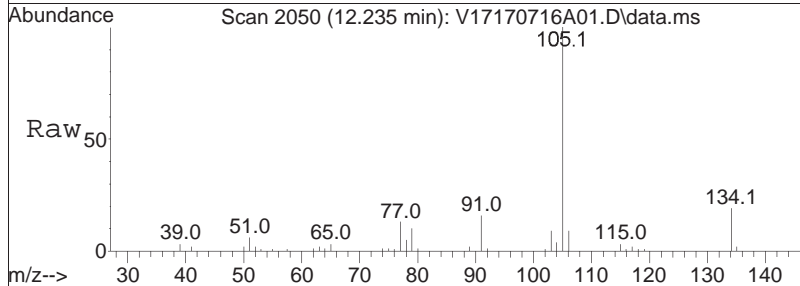
Tgt Ion	Resp	Lower	Upper
105	100		
120	43.6	35.7	53.5

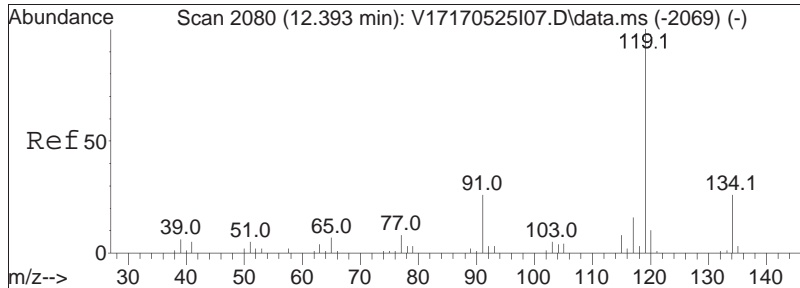




#98
 sec-Butylbenzene
 Concen: 22.04 ug/L
 RT: 12.235 min Scan# 2050
 Delta R.T. -0.006 min
 Lab File: V17170716A01.D
 Acq: 16 Jul 2017 07:59 am

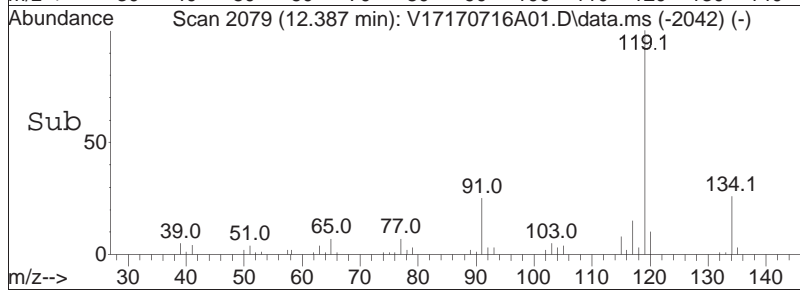
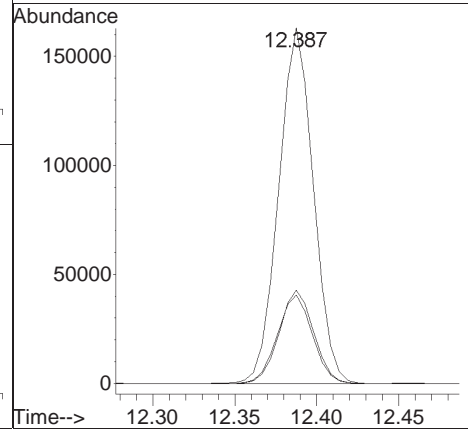
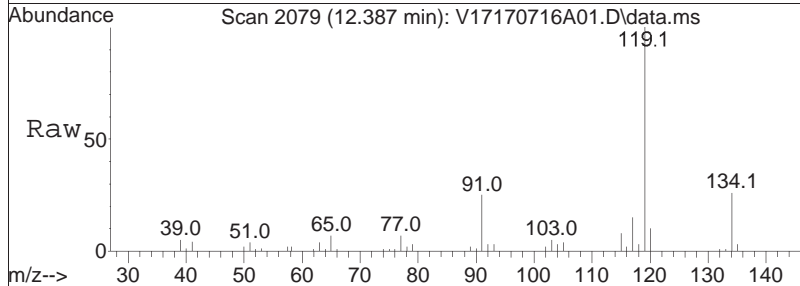
Tgt Ion	Resp	Lower	Upper
105	100		
134	18.9	12.5	25.9

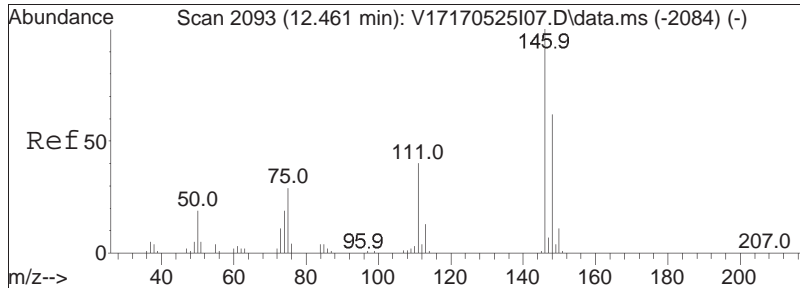




#99
 p-Isopropyltoluene
 Concen: 22.16 ug/L
 RT: 12.387 min Scan# 2079
 Delta R.T. -0.006 min
 Lab File: V17170716A01.D
 Acq: 16 Jul 2017 07:59 am

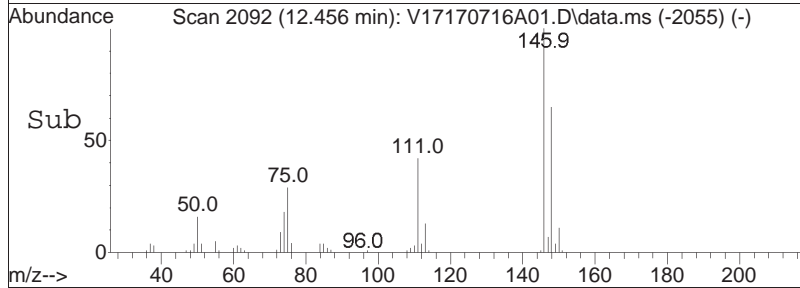
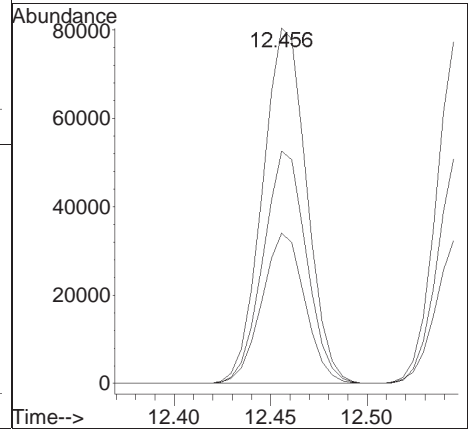
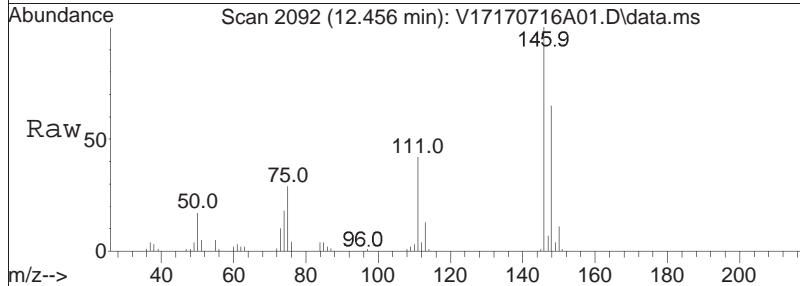
Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.0	17.0	35.2
91	25.1	15.6	32.4

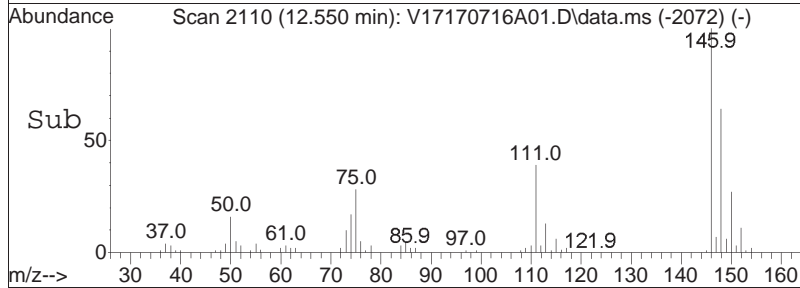
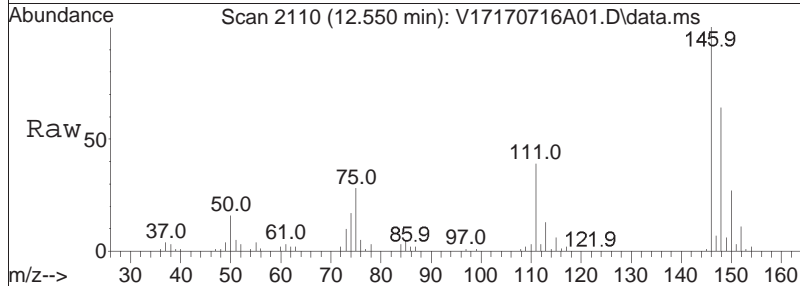
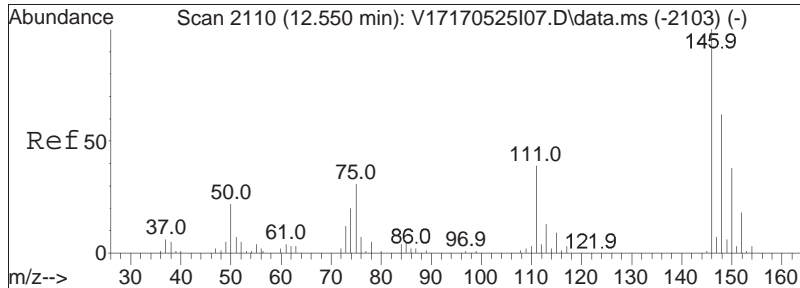




#100
 1,3-Dichlorobenzene
 Concen: 21.85 ug/L
 RT: 12.456 min Scan# 2092
 Delta R.T. -0.005 min
 Lab File: V17170716A01.D
 Acq: 16 Jul 2017 07:59 am

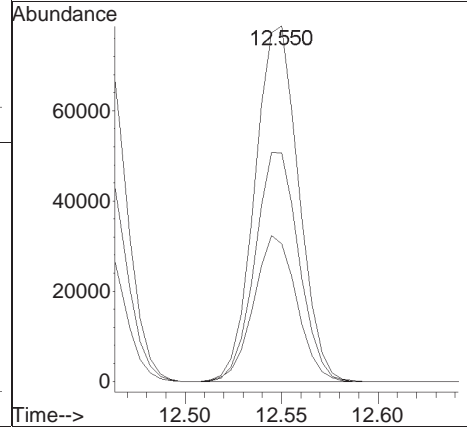
Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.2	25.8	53.6
148	64.0	41.6	86.4

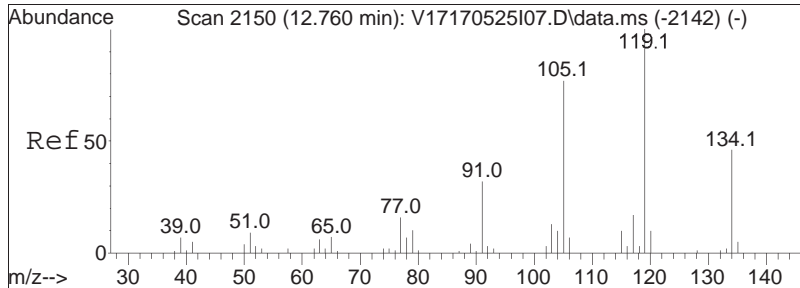




#101
 1,4-Dichlorobenzene
 Concen: 21.56 ug/L
 RT: 12.550 min Scan# 2110
 Delta R.T. 0.000 min
 Lab File: V17170716A01.D
 Acq: 16 Jul 2017 07:59 am

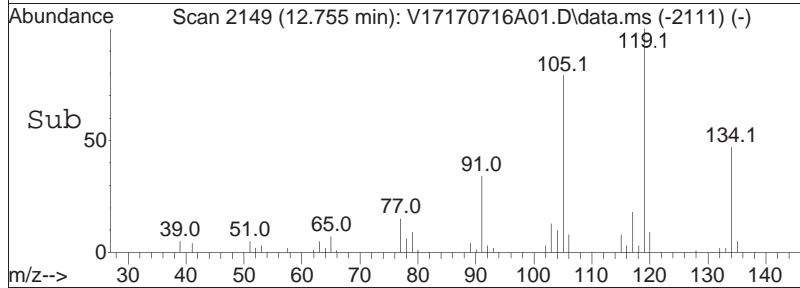
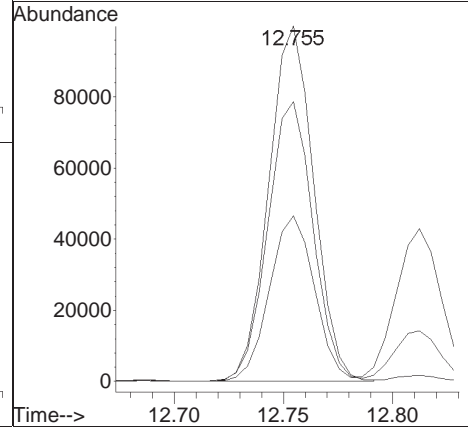
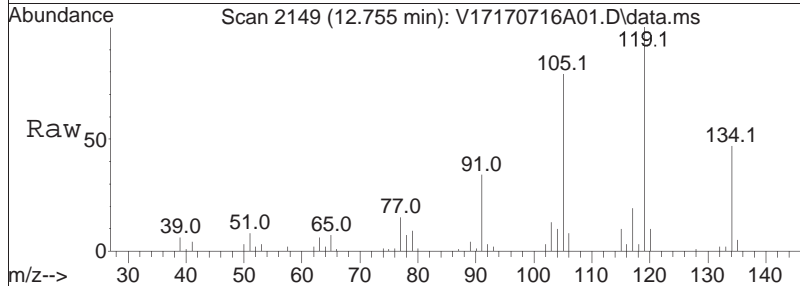
Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.2	31.4	47.0
148	64.2	51.7	77.5

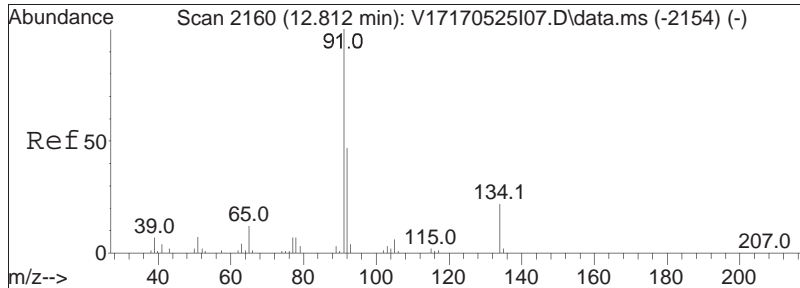




#102
 p-Diethylbenzene
 Concen: 21.53 ug/L
 RT: 12.755 min Scan# 2149
 Delta R.T. -0.001 min
 Lab File: V17170716A01.D
 Acq: 16 Jul 2017 07:59 am

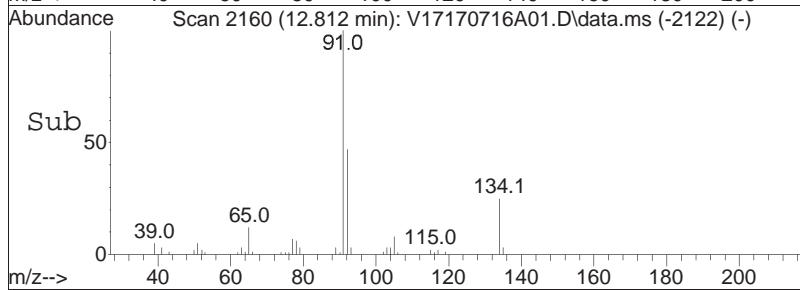
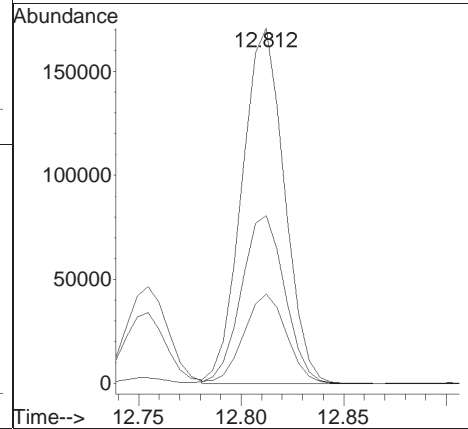
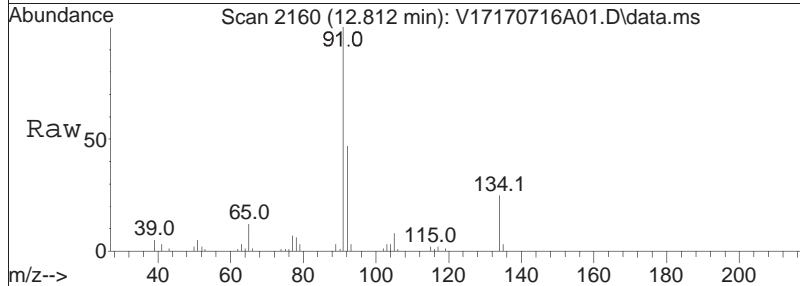
Tgt Ion	Resp	Lower	Upper
119	143133		
119	100		
105	79.4	49.9	103.5
134	46.6	30.6	63.4

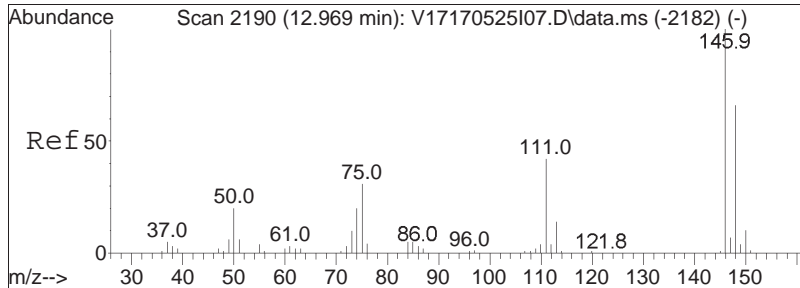




#103
 n-Butylbenzene
 Concen: 22.05 ug/L
 RT: 12.812 min Scan# 2160
 Delta R.T. 0.000 min
 Lab File: V17170716A01.D
 Acq: 16 Jul 2017 07:59 am

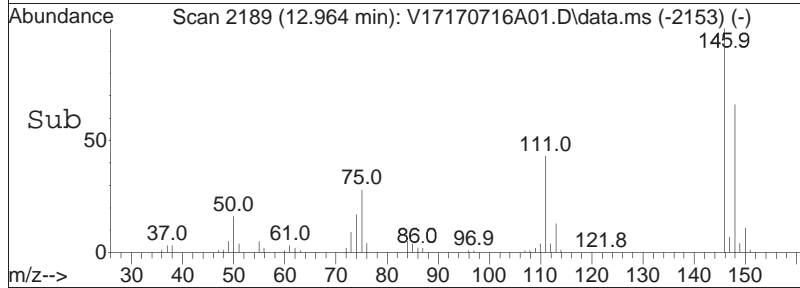
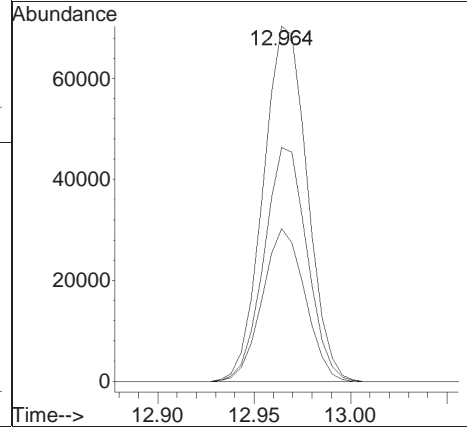
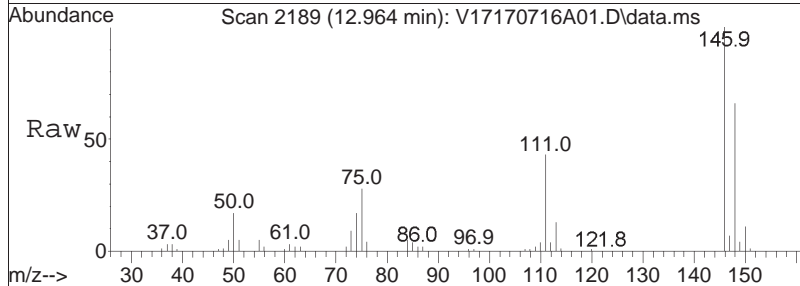
Tgt Ion	Resp	Lower	Upper
91	100		
92	48.2	39.0	58.4
134	25.1	21.3	31.9

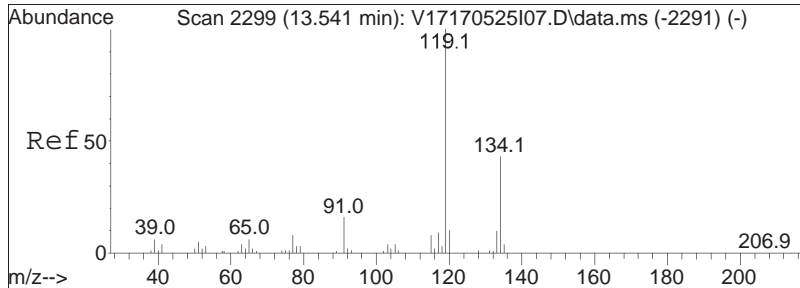




#104
 1,2-Dichlorobenzene
 Concen: 21.37 ug/L
 RT: 12.964 min Scan# 2189
 Delta R.T. -0.011 min
 Lab File: V17170716A01.D
 Acq: 16 Jul 2017 07:59 am

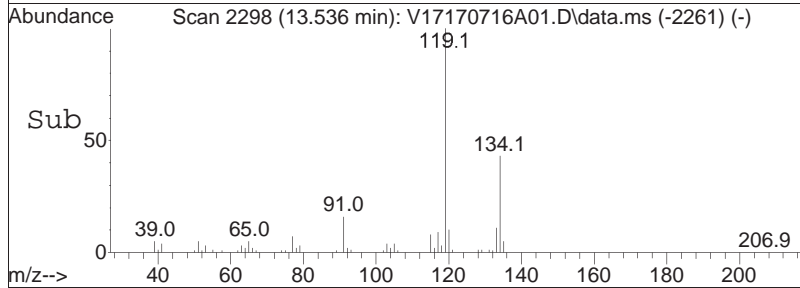
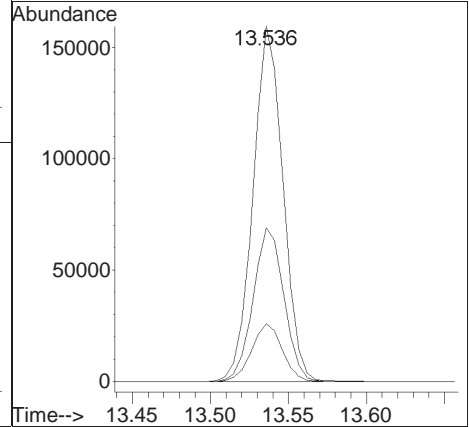
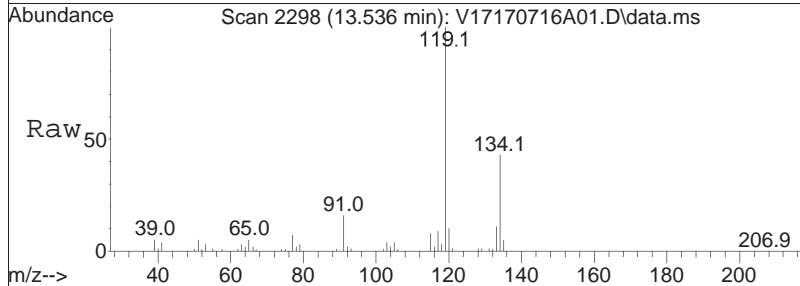
Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.7	26.2	54.4
148	64.2	41.6	86.4

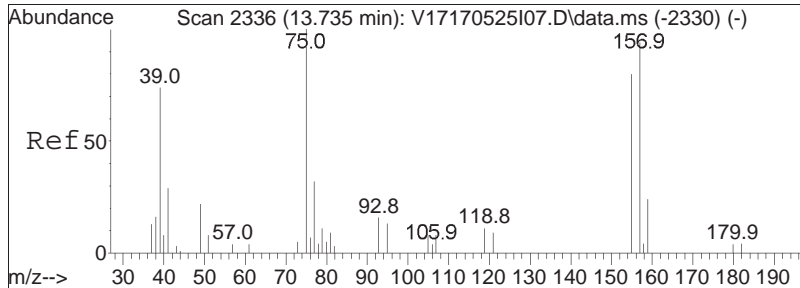




#105
 1,2,4,5-Tetramethylbenzene
 Concen: 21.20 ug/L
 RT: 13.536 min Scan# 2298
 Delta R.T. -0.005 min
 Lab File: V17170716A01.D
 Acq: 16 Jul 2017 07:59 am

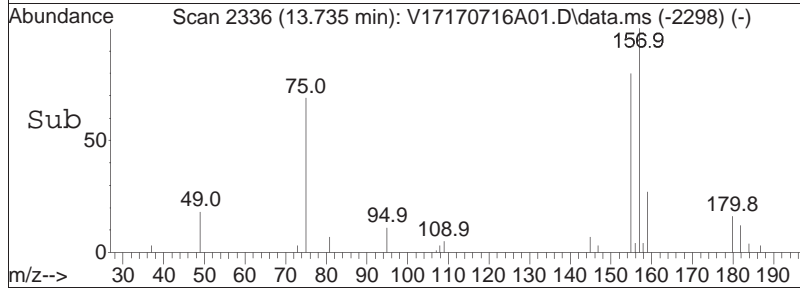
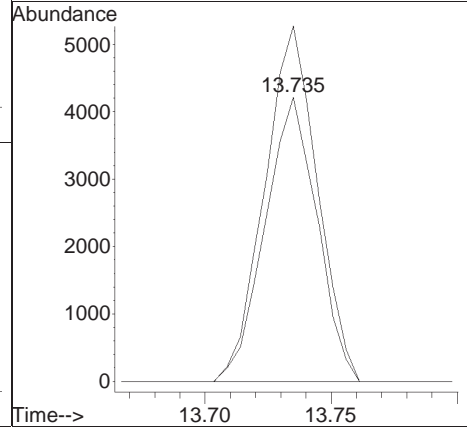
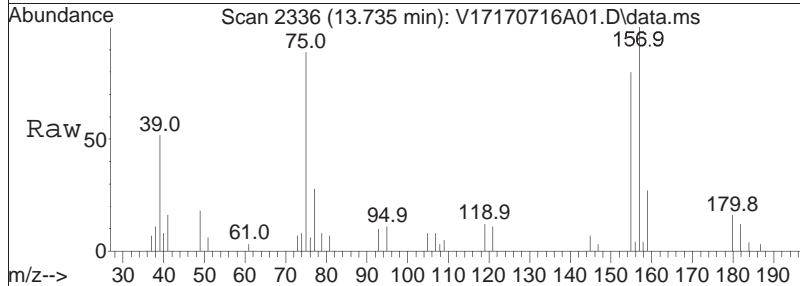
Tgt Ion	Ratio	Lower	Upper
119	100		
134	44.3	29.3	60.8
91	16.6	10.0	20.8

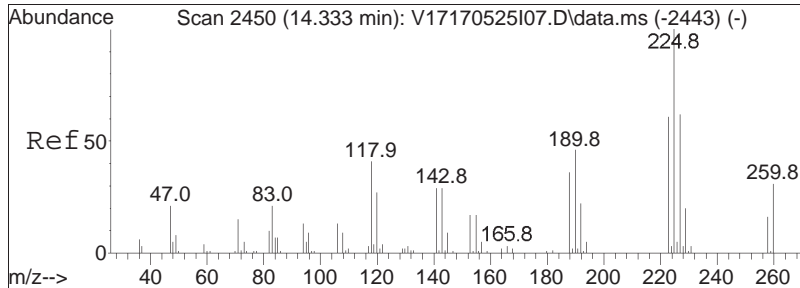




#106
 1,2-Dibromo-3-chloropropane
 Concen: 20.10 ug/L
 RT: 13.735 min Scan# 2336
 Delta R.T. -0.000 min
 Lab File: V17170716A01.D
 Acq: 16 Jul 2017 07:59 am

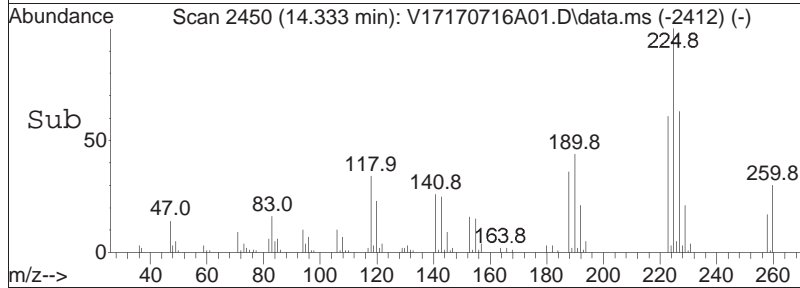
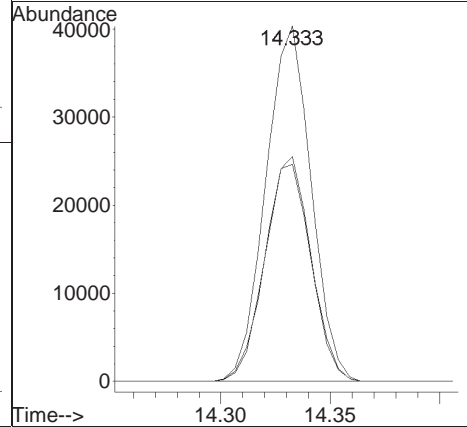
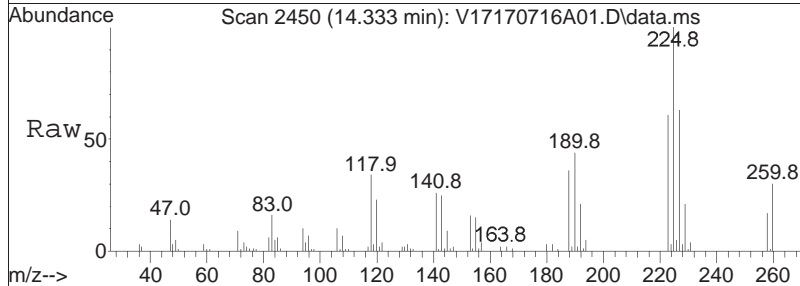
Tgt Ion	Resp	Lower	Upper
155	100		
157	126.9	103.4	155.0

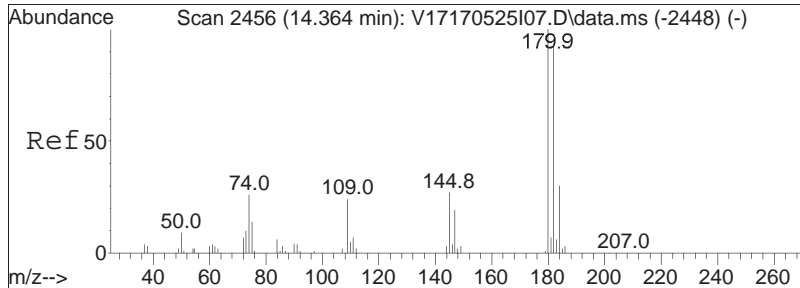




#108
 Hexachlorobutadiene
 Concen: 23.91 ug/L
 RT: 14.333 min Scan# 2450
 Delta R.T. -0.000 min
 Lab File: V17170716A01.D
 Acq: 16 Jul 2017 07:59 am

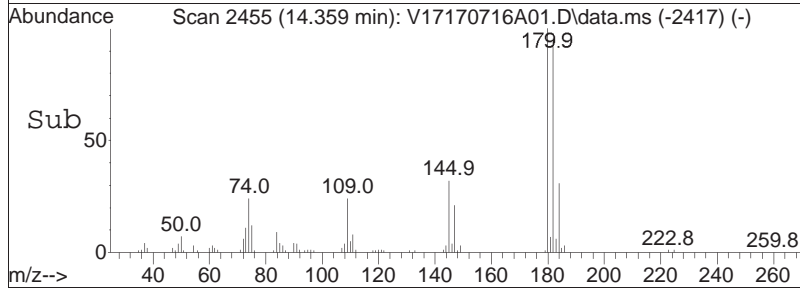
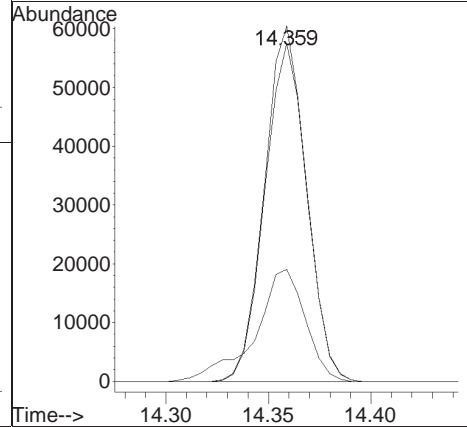
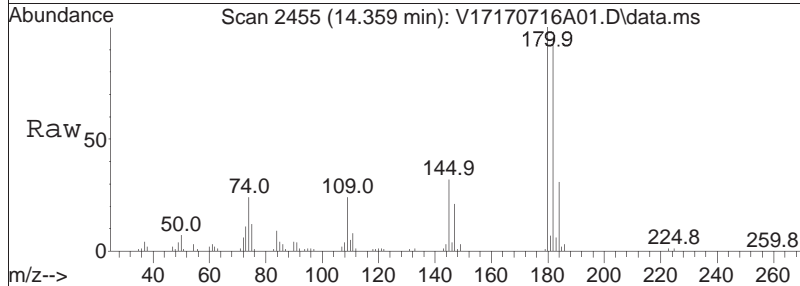
Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.2	75.2
227	63.8	51.5	77.3

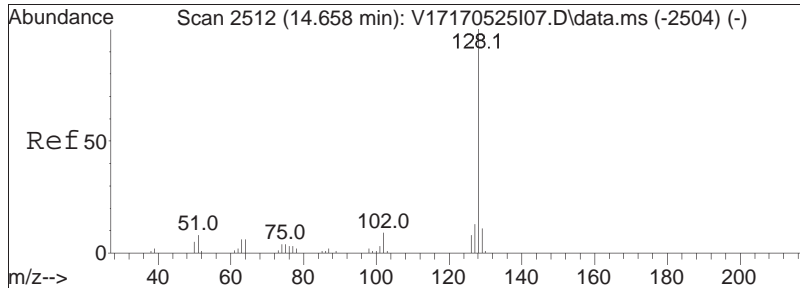




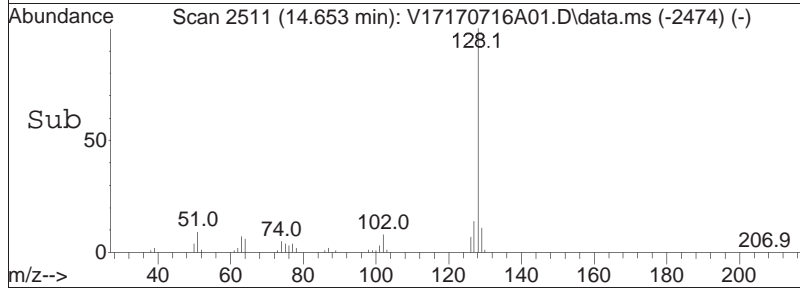
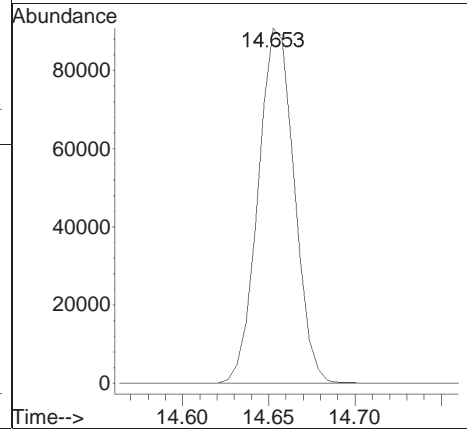
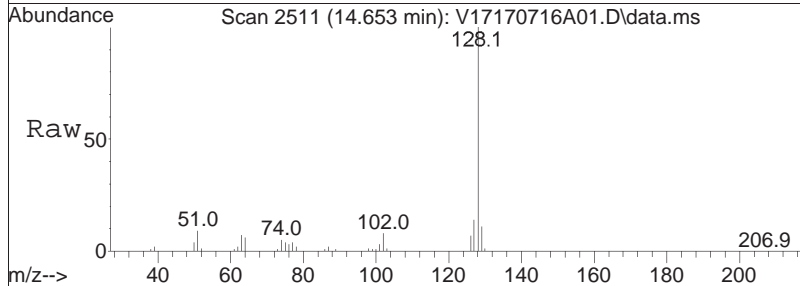
#109
 1,2,4-Trichlorobenzene
 Concen: 21.91 ug/L
 RT: 14.359 min Scan# 2455
 Delta R.T. -0.000 min
 Lab File: V17170716A01.D
 Acq: 16 Jul 2017 07:59 am

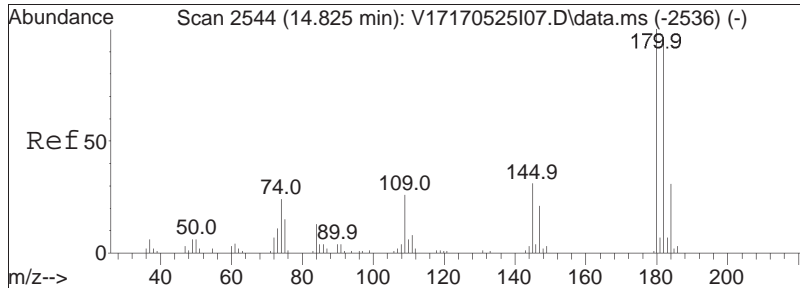
Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	77.2	115.8
145	37.8	29.0	43.6





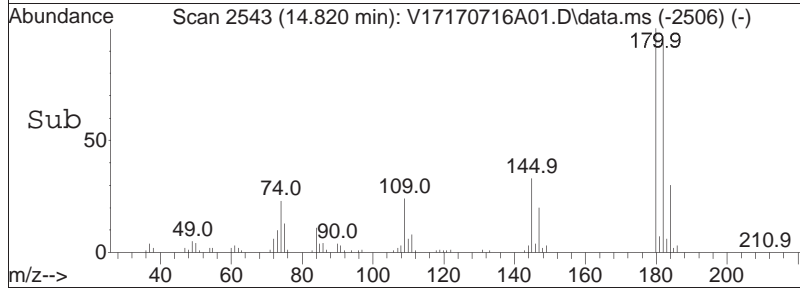
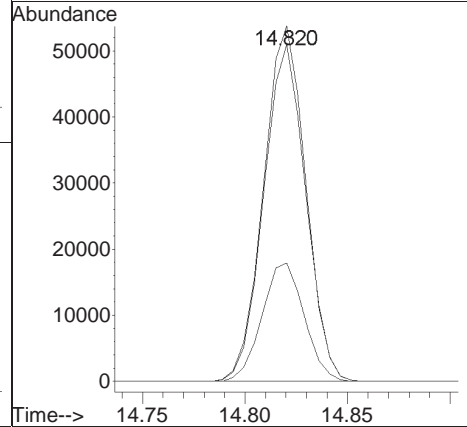
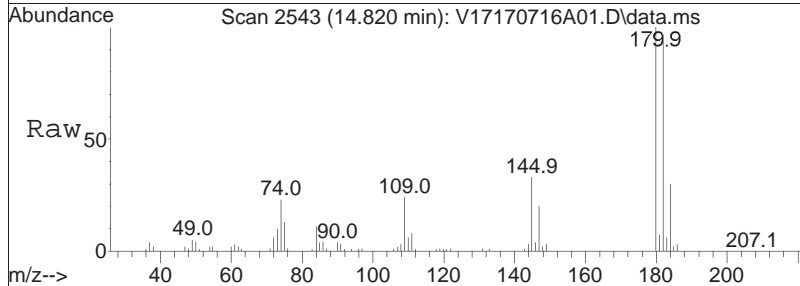
#110
 Naphthalene
 Concen: 19.32 ug/L
 RT: 14.653 min Scan# 2511
 Delta R.T. -0.005 min
 Lab File: V17170716A01.D
 Acq: 16 Jul 2017 07:59 am
 Tgt Ion:128 Resp: 132083





#111
 1,2,3-Trichlorobenzene
 Concen: 21.86 ug/L
 RT: 14.820 min Scan# 2543
 Delta R.T. -0.006 min
 Lab File: V17170716A01.D
 Acq: 16 Jul 2017 07:59 am

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	76.7	115.1
145	33.4	25.8	38.8



Manual Integration Report

Data Path : I:\VOLATILES\VOA117\2017\1QMethod : V117_170525_8260.m
Data File : V17170716A01.D Operator : VOA117:CBN
Date Inj'd : 7/16/2017 7:59 am Instrument : VOA 117
Sample : WG1023115-3,31,5,5 Quant Date : 7/16/2017 8:31 am

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA104\2017\170716A\
 Data File : V04170716A01.D
 Acq On : 16 Jul 2017 7:59
 Operator : VOA104:CBN
 Sample : WG1023153-3,31,5,5
 Misc : WG1023153,ICAL13672
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 16 08:33:08 2017
 Quant Method : I:\VOLATILES\VOA104\2017\170716A\V104_170517_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 18 06:45:13 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA104\2017\170716A\V04170716A01.D
 Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	

Internal Standards							
1) Fluorobenzene	5.917	96	169470	20.000	ug/L	0.00	
Standard Area 1 = 169470			Recovery = 100.00%				
59) Chlorobenzene-d5	9.441	117	130956	20.000	ug/L	0.00	
Standard Area 1 = 130956			Recovery = 100.00%				
79) 1,4-Dichlorobenzene-d4	12.162	152	64627	20.000	ug/L	0.00	
Standard Area 1 = 64627			Recovery = 100.00%				
System Monitoring Compounds							
36) Dibromofluoromethane	5.125	113	46556	19.521	ug/L	0.00	
Spiked Amount 20.000	Range 70 - 130		Recovery = 97.61%				
43) 1,2-Dichloroethane-d4	5.645	65	45567	20.851	ug/L	0.00	
Spiked Amount 20.000	Range 70 - 130		Recovery = 104.25%				
60) Toluene-d8	7.595	98	164426	21.584	ug/L	0.00	
Spiked Amount 20.000	Range 70 - 130		Recovery = 107.92%				
83) 4-Bromofluorobenzene	10.945	95	60572	21.335	ug/L	0.00	
Spiked Amount 20.000	Range 70 - 130		Recovery = 106.68%				
Target Compounds							
							Qvalue
2) Dichlorodifluoromethane	1.628	85	39144	16.662	ug/L		98
3) Chloromethane	1.817	50	60697	16.137	ug/L		97
4) Vinyl chloride	1.885	62	48795	17.603	ug/L		98
5) Bromomethane	2.189	94	29220	17.338	ug/L		95
6) Chloroethane	2.305	64	25779	16.528	ug/L		93
7) Trichlorofluoromethane	2.431	101	60818	16.989	ug/L		100
8) Ethyl ether	2.724	74	19263	16.212	ug/L		88
10) 1,1-Dichloroethene	2.908	96	32723	14.321	ug/L		94
11) Carbon disulfide	2.929	76	127668	12.801	ug/L		99
15) Methylene chloride	3.453	84	45824	16.184	ug/L		96
17) Acetone	3.505	43	10865	18.983	ug/L		96
18) trans-1,2-Dichloroethene	3.600	96	41138	15.979	ug/L		86
20) Methyl tert-butyl ether	3.694	73	94536	13.757	ug/L		95
23) 1,1-Dichloroethane	4.177	63	84684	16.540	ug/L		99
25) Acrylonitrile	4.234	53	13796	17.666	ug/L		96
27) Vinyl acetate	4.407	43	96144	17.698	ug/L		99
28) cis-1,2-Dichloroethene	4.690	96	48014	16.972	ug/L		86
29) 2,2-Dichloropropane	4.779	77	64442	17.156	ug/L		98
30) Bromochloromethane	4.879	128	24394	17.174	ug/L		90
32) Chloroform	4.947	83	79026	17.029	ug/L		99

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA104\2017\170716A\
 Data File : V04170716A01.D
 Acq On : 16 Jul 2017 7:59
 Operator : VOA104:CBN
 Sample : WG1023153-3,31,5,5
 Misc : WG1023153,ICAL13672
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 16 08:33:08 2017
 Quant Method : I:\VOLATILES\VOA104\2017\170716A\V104_170517_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 18 06:45:13 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA104\2017\170716A\V04170716A01.D
 Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Carbon tetrachloride	5.068	117	63050	18.620	ug/L	99
37) 1,1,1-Trichloroethane	5.136	97	70859	17.957	ug/L	95
39) 2-Butanone	5.251	43	16612	16.721	ug/L	96
40) 1,1-Dichloropropene	5.257	75	56687	17.448	ug/L	99
41) Benzene	5.503	78	162597	16.749	ug/L	99
44) 1,2-Dichloroethane	5.713	62	63532	18.040	ug/L	99
48) Trichloroethene	6.095	95	47242	17.914	ug/L	98
50) Dibromomethane	6.536	93	27513	17.654	ug/L	96
51) 1,2-Dichloropropane	6.641	63	51208	18.186	ug/L	95
54) Bromodichloromethane	6.714	83	63684	18.375	ug/L	99
57) 1,4-Dioxane	6.929	88	22761	1037.684	ug/L	92
58) cis-1,3-Dichloropropene	7.396	75	72561	17.213	ug/L	99
61) Toluene	7.658	92	106141	18.648	ug/L	100
62) 4-Methyl-2-pentanone	8.098	58	16594	19.701	ug/L	91
63) Tetrachloroethene	8.098	166	51635	18.566	ug/L	97
65) trans-1,3-Dichloropropene	8.151	75	63185	19.287	ug/L	99
68) 1,1,2-Trichloroethane	8.334	83	31514	18.404	ug/L	97
69) Chlorodibromomethane	8.539	129	49898	18.182	ug/L	99
70) 1,3-Dichloropropane	8.654	76	61961	18.700	ug/L	97
71) 1,2-Dibromoethane	8.817	107	40987	18.570	ug/L	99
72) 2-Hexanone	9.110	43	26800	19.409	ug/L	96
73) Chlorobenzene	9.461	112	126264	18.096	ug/L	99
74) Ethylbenzene	9.493	91	201839	18.447	ug/L	99
75) 1,1,1,2-Tetrachloroethane	9.545	131	47827	18.142	ug/L	98
76) p/m Xylene	9.682	106	161236	36.389	ug/L	98
77) o Xylene	10.222	106	152056	36.002	ug/L	99
78) Styrene	10.295	104	254016	36.015	ug/L	97
80) Bromoform	10.327	173	30610	18.558	ug/L	99
82) Isopropylbenzene	10.610	105	204578	19.175	ug/L	98
84) Bromobenzene	11.055	156	54893	18.669	ug/L	98
85) n-Propylbenzene	11.097	91	226218	19.107	ug/L	99
87) 1,1,2,2-Tetrachloroethane	11.197	83	44456	18.651	ug/L	99
88) 4-Ethyltoluene	11.223	105	202315	19.677	ug/L	99
89) 2-Chlorotoluene	11.265	91	135753	18.873	ug/L	98
90) 1,3,5-Trimethylbenzene	11.323	105	169552	18.975	ug/L	98
91) 1,2,3-Trichloropropane	11.339	75	34361	19.598	ug/L	96
92) trans-1,4-Dichloro-2-b...	11.396	53	13000	19.796	ug/L	96
93) 4-Chlorotoluene	11.454	91	140365	19.376	ug/L	99
94) tert-Butylbenzene	11.664	119	141790	18.883	ug/L	98

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA104\2017\170716A\
 Data File : V04170716A01.D
 Acq On : 16 Jul 2017 7:59
 Operator : VOA104:CBN
 Sample : WG1023153-3,31,5,5
 Misc : WG1023153,ICAL13672
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 16 08:33:08 2017
 Quant Method : I:\VOLATILES\VOA104\2017\170716A\V104_170517_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 18 06:45:13 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA104\2017\170716A\V04170716A01.D
 Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97) 1,2,4-Trimethylbenzene	11.742	105	171680	19.230	ug/L	98
98) sec-Butylbenzene	11.852	105	212085	19.009	ug/L	98
99) p-Isopropyltoluene	12.010	119	184879	19.257	ug/L	98
100) 1,3-Dichlorobenzene	12.083	146	100843	18.743	ug/L	99
101) 1,4-Dichlorobenzene	12.177	146	98328	17.939	ug/L	99
102) p-Diethylbenzene	12.382	119	112203	19.945	ug/L	98
103) n-Butylbenzene	12.440	91	162650	19.431	ug/L	98
104) 1,2-Dichlorobenzene	12.602	146	93191	18.621	ug/L	99
105) 1,2,4,5-Tetramethylben...	13.179	119	181240	19.678	ug/L	96
106) 1,2-Dibromo-3-chloropr...	13.389	155	7356	17.935	ug/L	98
108) Hexachlorobutadiene	13.981	225	34550	18.452	ug/L	99
109) 1,2,4-Trichlorobenzene	14.012	180	67131	18.163	ug/L	98
110) Naphthalene	14.306	128	144987	18.245	ug/L	100
111) 1,2,3-Trichlorobenzene	14.474	180	63883	18.658	ug/L	98

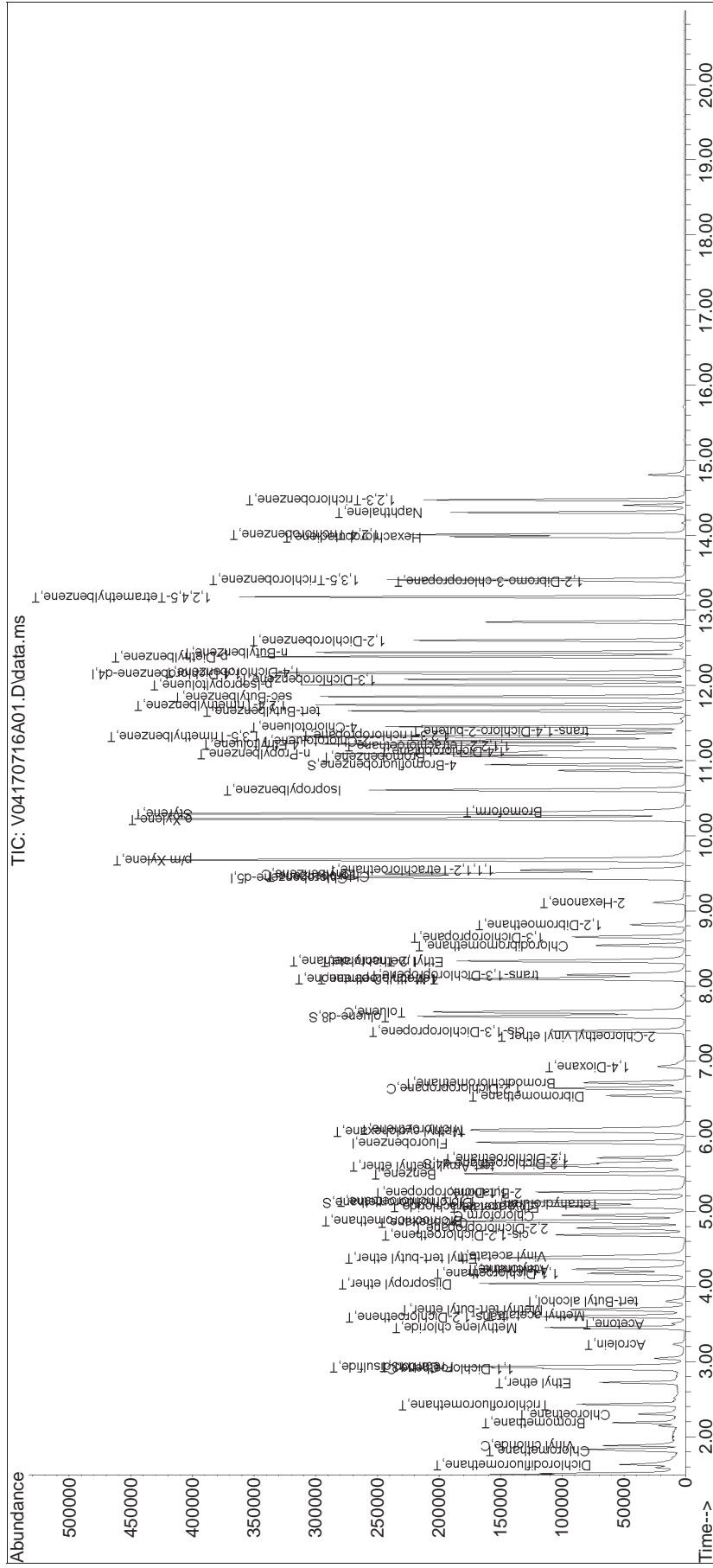
(#) = qualifier out of range (m) = manual integration (+) = signals summed

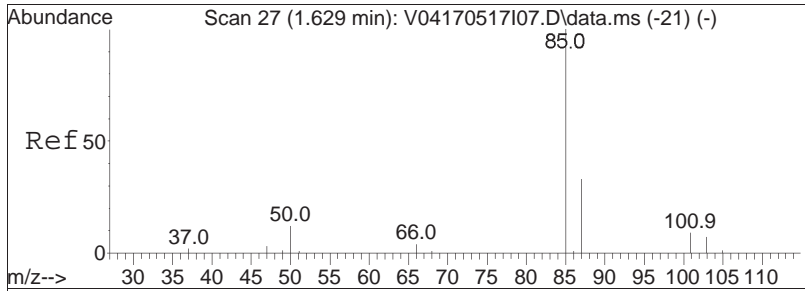
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA104\2017\170716A\
 Data File : V04170716A01.D
 Acq On : 16 Jul 2017 7:59
 Operator : VOA104:CBN
 Sample : WG1023153-3,31,5,5
 Misc : WG1023153,ICAL13672
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 16 08:33:08 2017
 Quant Method : I:\VOLATILES\VOA104\2017\170716A\V104_170517_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 18 06:45:13 2017
 Response via : Initial Calibration

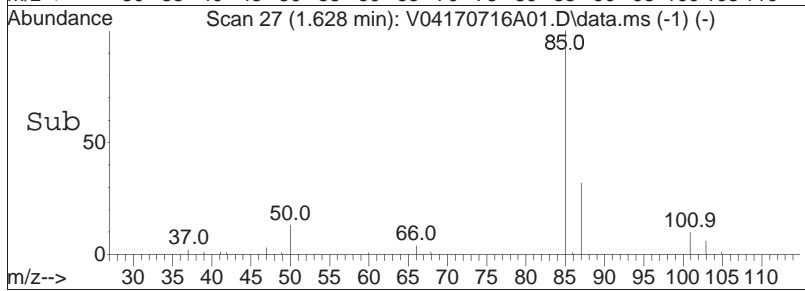
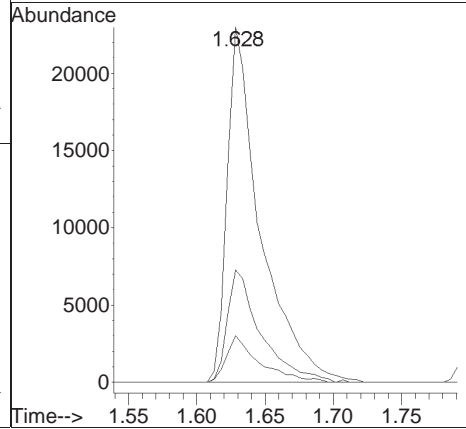
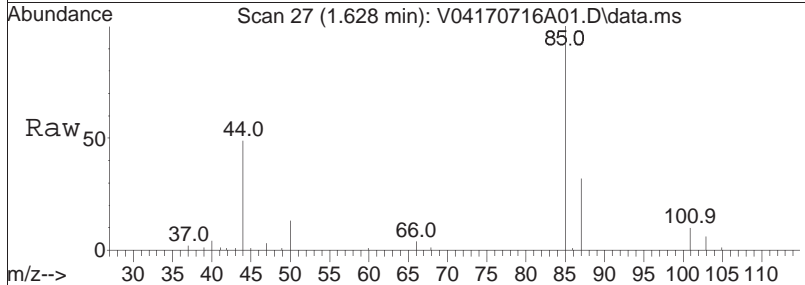
Sub List : 8260-CurveSoil - Megamix plus Diox6A\V04170716A01.D•

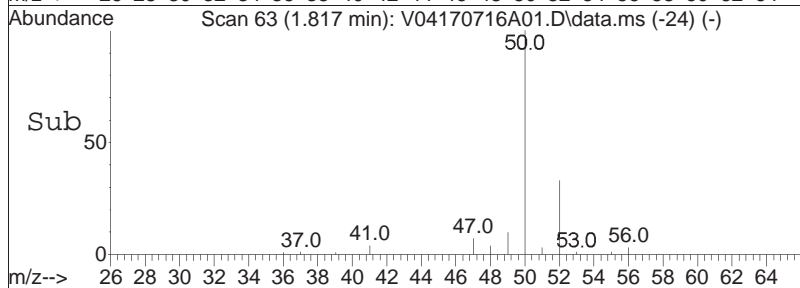
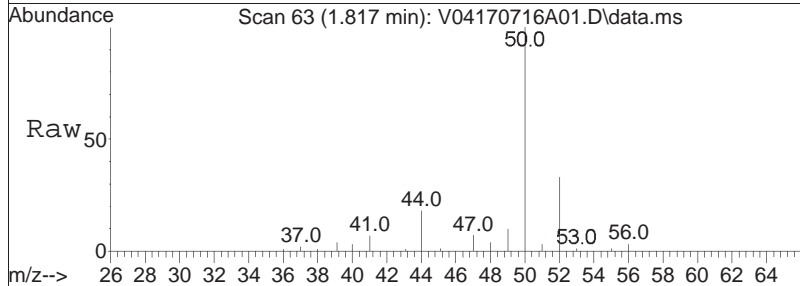
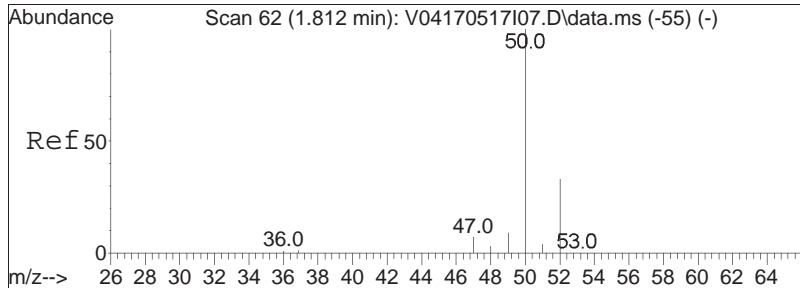




#2
 Dichlorodifluoromethane
 Concen: 16.66 ug/L
 RT: 1.628 min Scan# 27
 Delta R.T. -0.001 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

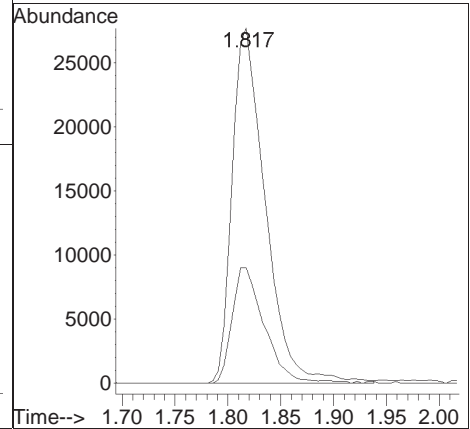
Tgt Ion	Ratio	Resp	Lower	Upper
85	100	39144		
87	32.0		20.9	43.5
50	13.1		9.6	20.0

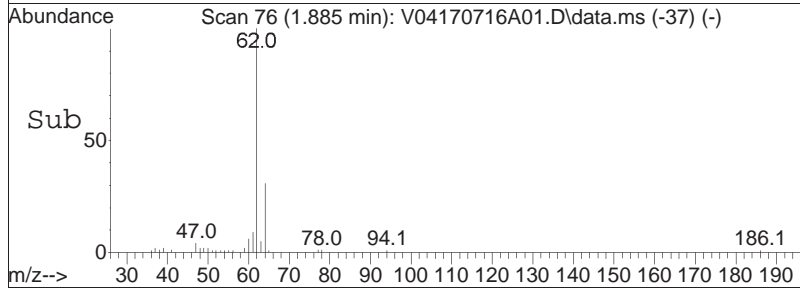
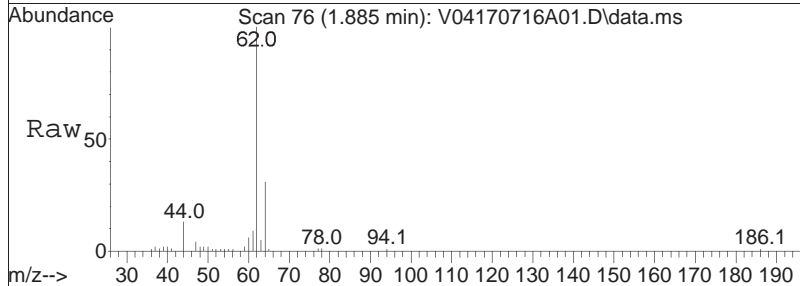
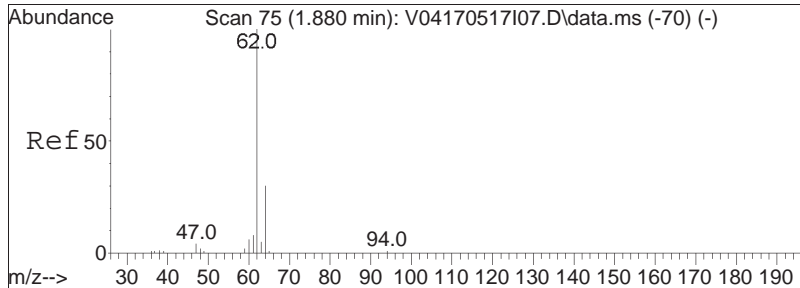




#3
 Chloromethane
 Concen: 16.14 ug/L
 RT: 1.817 min Scan# 63
 Delta R.T. 0.005 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

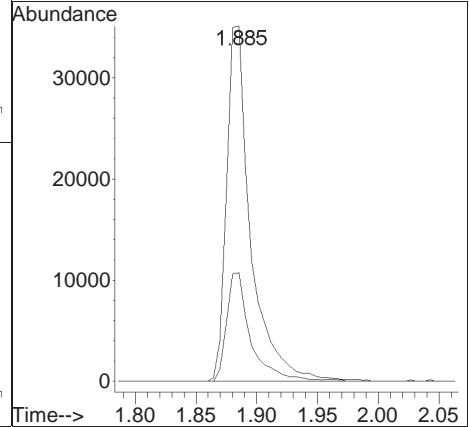
Tgt Ion	Resp	Lower	Upper
50	100		
52	31.3	12.7	52.7

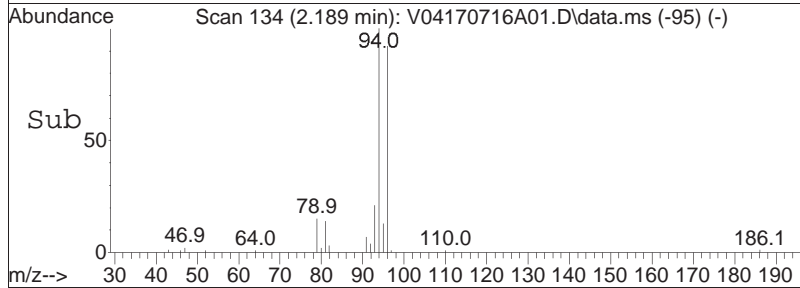
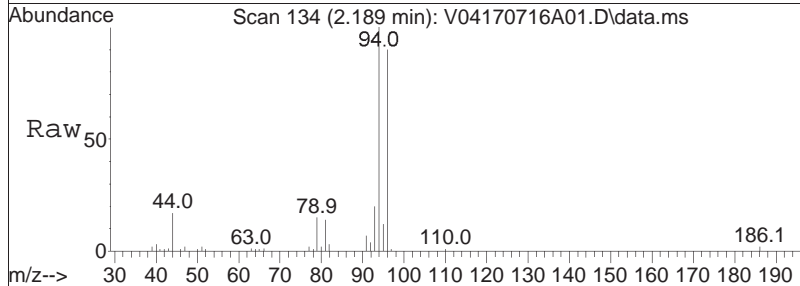
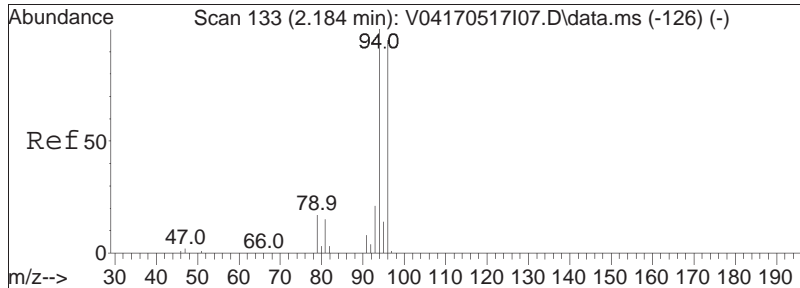




#4
 Vinyl chloride
 Concen: 17.60 ug/L
 RT: 1.885 min Scan# 76
 Delta R.T. 0.005 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

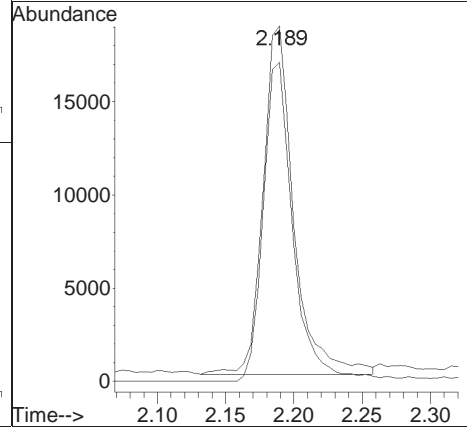
Tgt Ion:	Resp:	Lower	Upper
62	100		
64	30.3	11.5	51.5

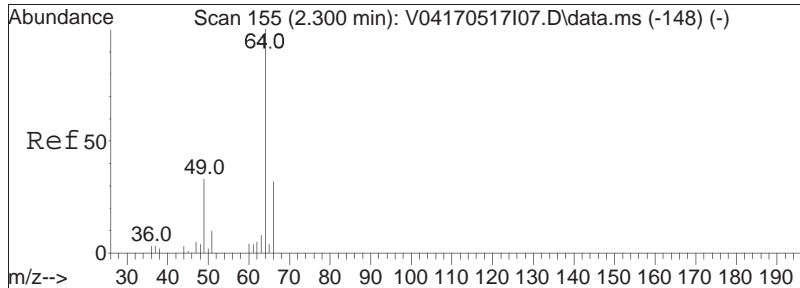




#5
 Bromomethane
 Concen: 17.34 ug/L
 RT: 2.189 min Scan# 134
 Delta R.T. 0.005 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

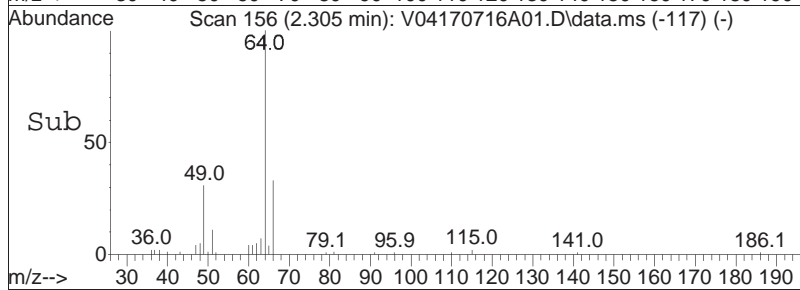
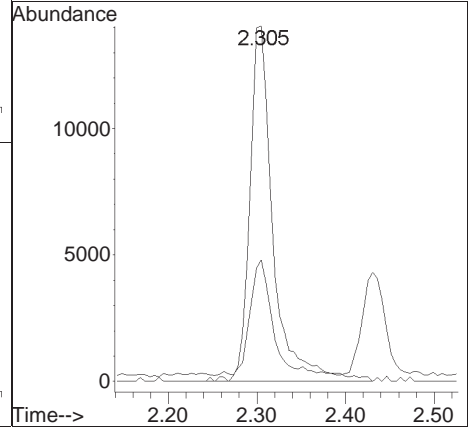
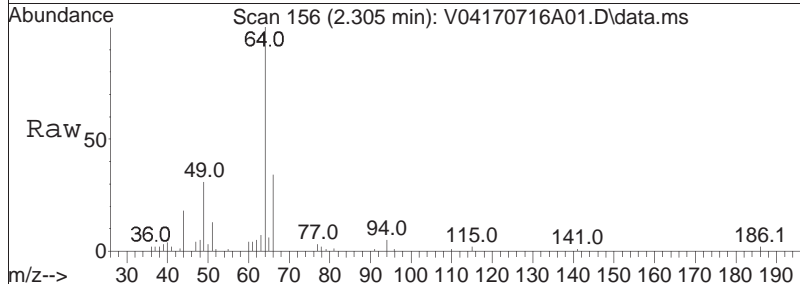
Tgt Ion:	94	Resp:	29220
Ion Ratio	100	Lower	Upper
96	90.0	74.7	114.7

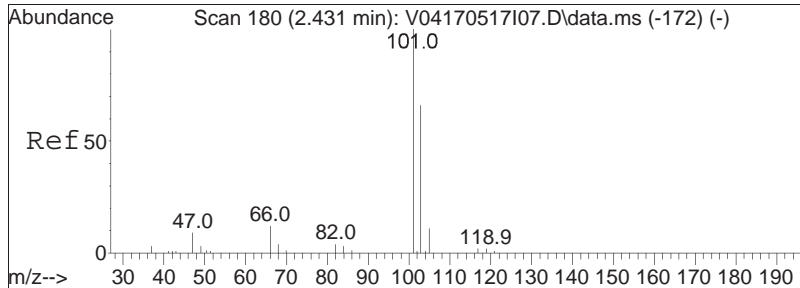




#6
 Chloroethane
 Concen: 16.53 ug/L
 RT: 2.305 min Scan# 156
 Delta R.T. 0.005 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

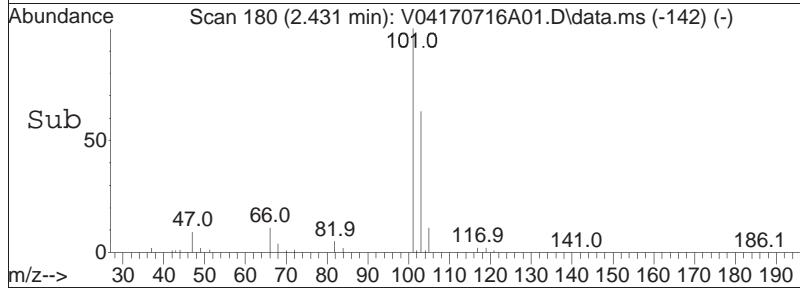
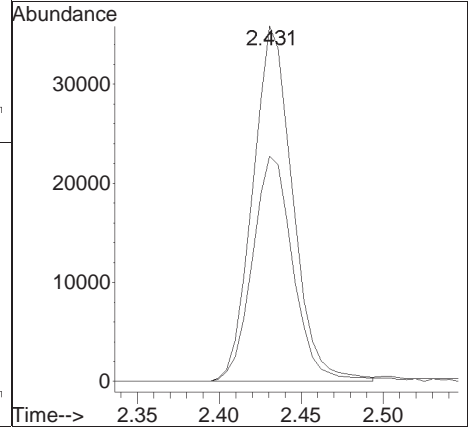
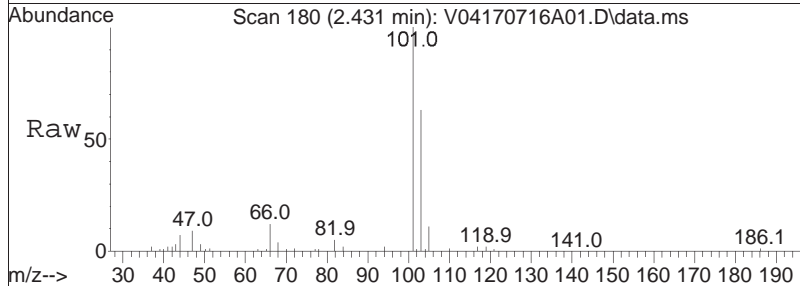
Tgt Ion	Resp	Lower	Upper
64	100		
66	30.6	14.8	54.8

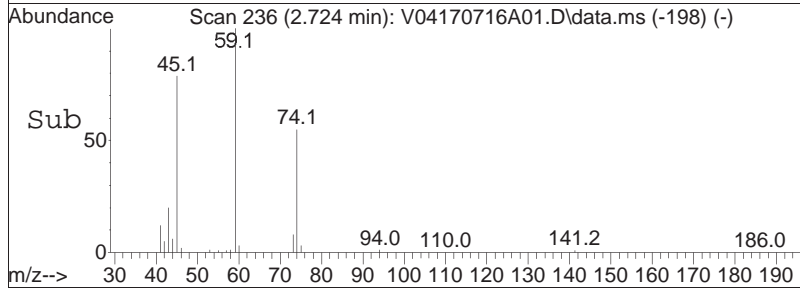
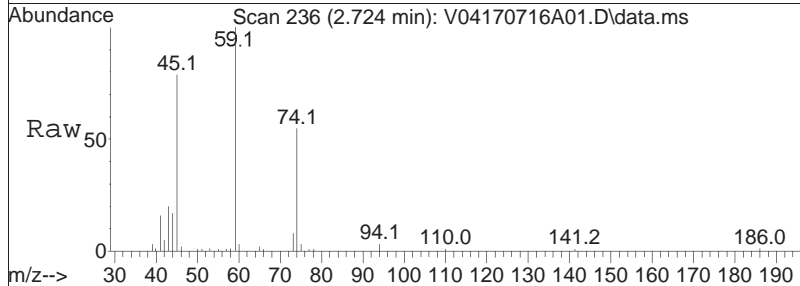
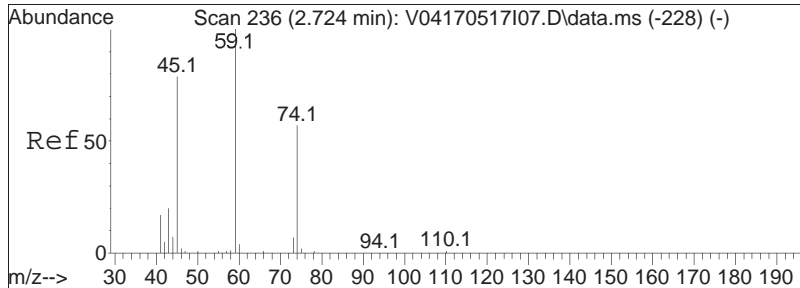




#7
 Trichlorofluoromethane
 Concen: 16.99 ug/L
 RT: 2.431 min Scan# 180
 Delta R.T. -0.000 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

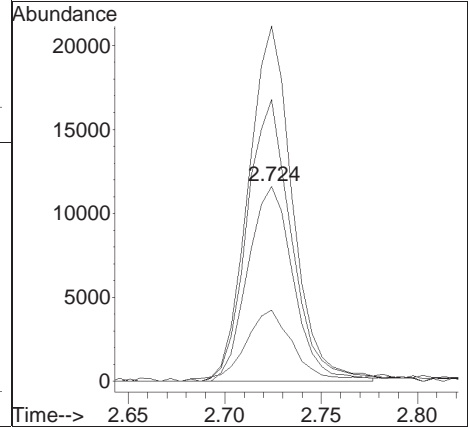
Tgt Ion	Resp	Lower	Upper
101	100		
103	65.0	52.0	78.0

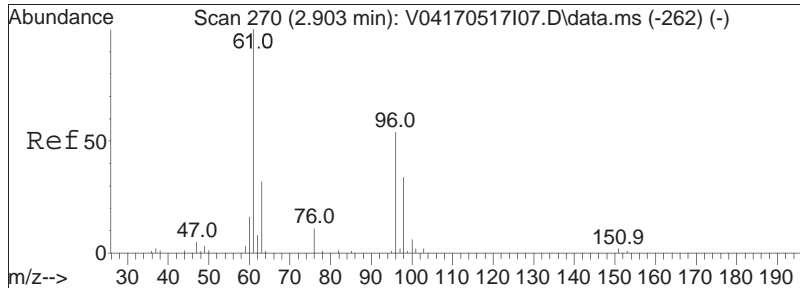




#8
 Ethyl ether
 Concen: 16.21 ug/L
 RT: 2.724 min Scan# 236
 Delta R.T. 0.000 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

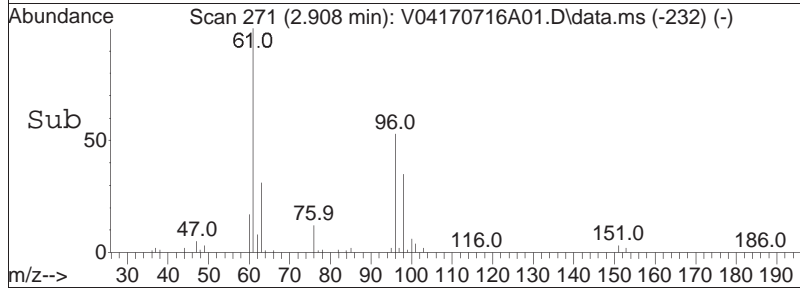
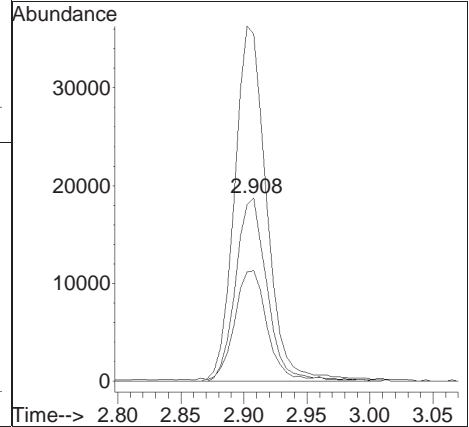
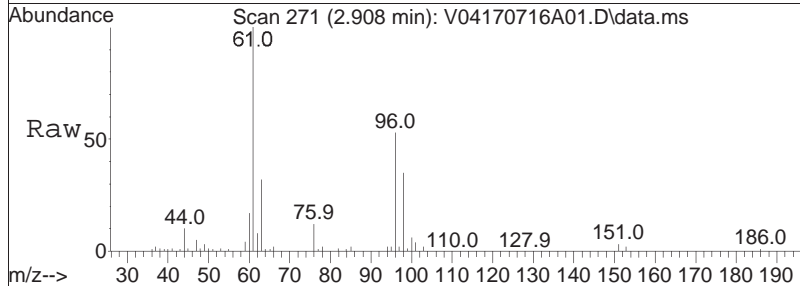
Tgt Ion	Resp	Lower	Upper
74	19263		
59	176.6	113.7	236.1
45	142.3	72.8	151.2
43	38.1	21.2	44.0

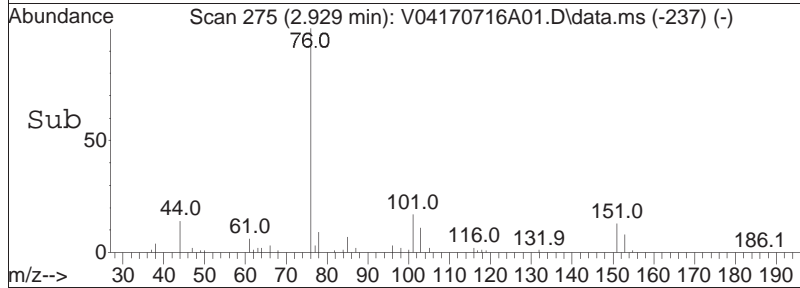
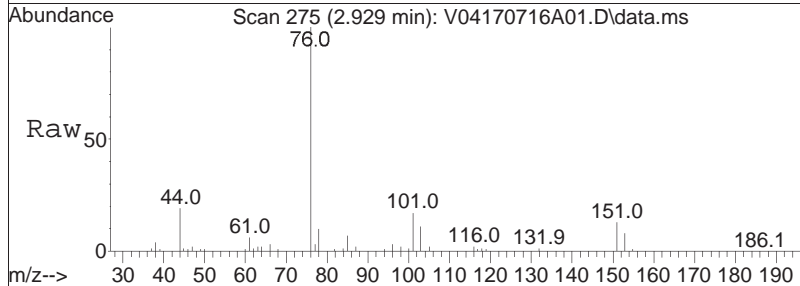
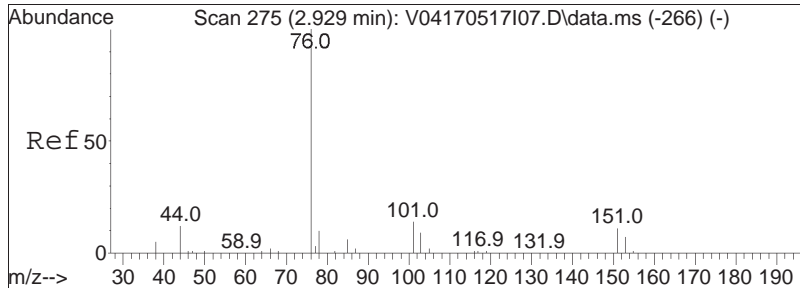




#10
 1,1-Dichloroethene
 Concen: 14.32 ug/L
 RT: 2.908 min Scan# 271
 Delta R.T. 0.005 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

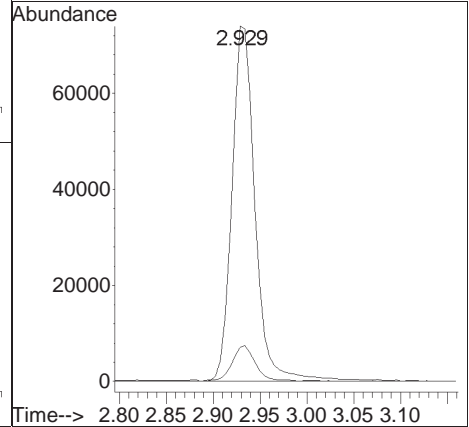
Tgt Ion	Resp	Lower	Upper
96	100		
61	198.0	165.8	248.8
63	60.5	52.0	78.0

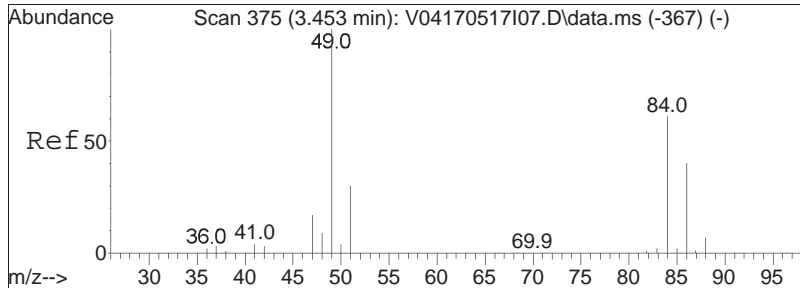




#11
 Carbon disulfide
 Concen: 12.80 ug/L
 RT: 2.929 min Scan# 275
 Delta R.T. -0.000 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

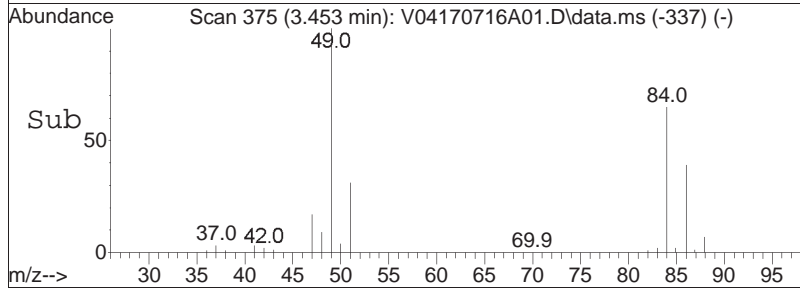
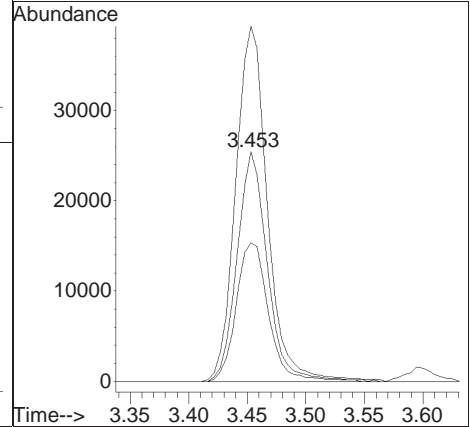
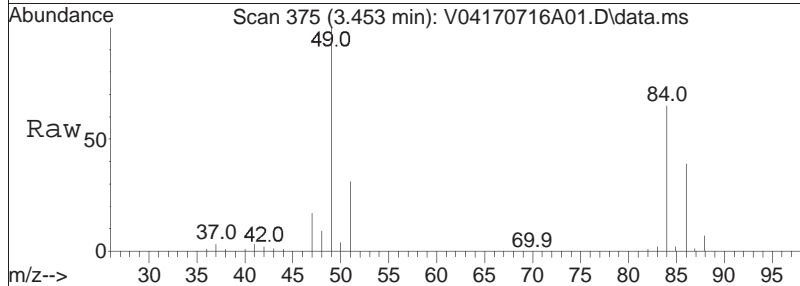
Tgt Ion:	Resp:	Lower	Upper
76	127668		
78	10.2	6.5	13.5

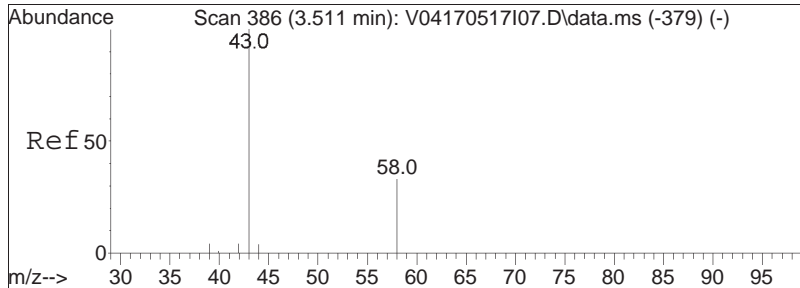




#15
 Methylene chloride
 Concen: 16.18 ug/L
 RT: 3.453 min Scan# 375
 Delta R.T. -0.000 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

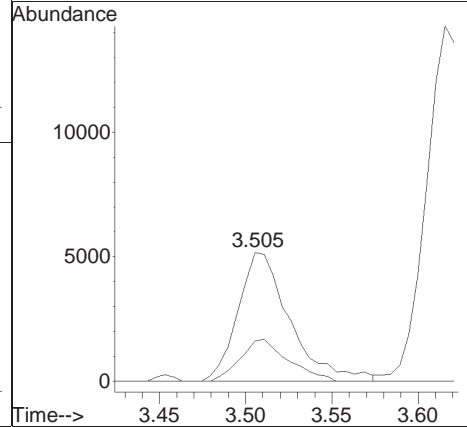
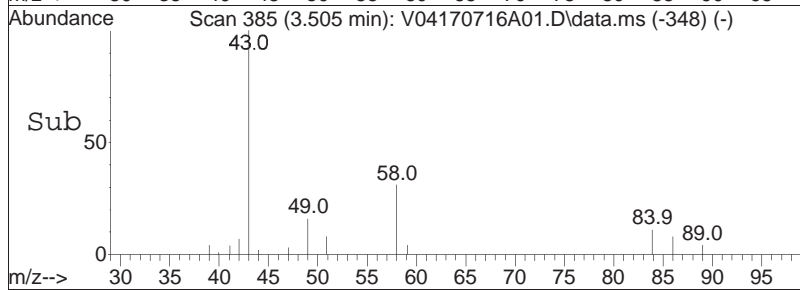
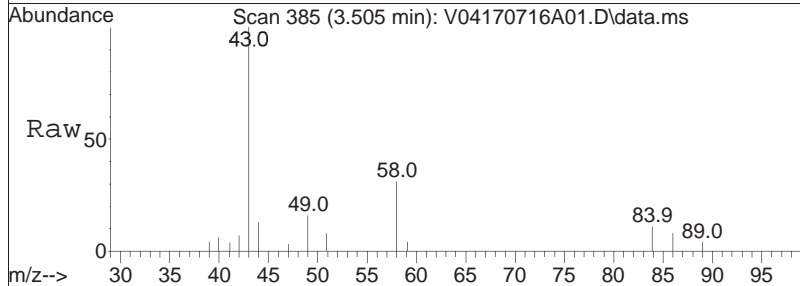
Tgt Ion:	84	Resp:	45824
Ion Ratio	Lower	Upper	
84	100		
86	64.4	41.3	85.9
49	161.8	109.1	226.7

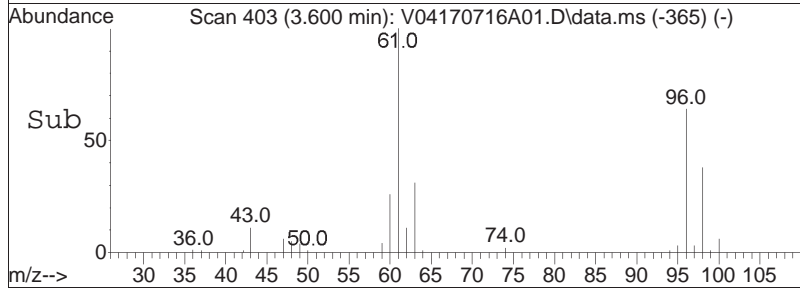
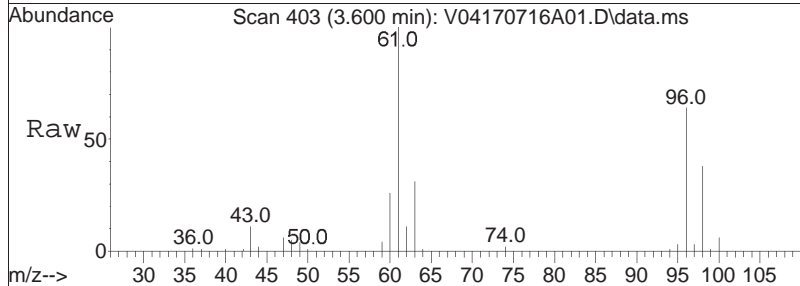
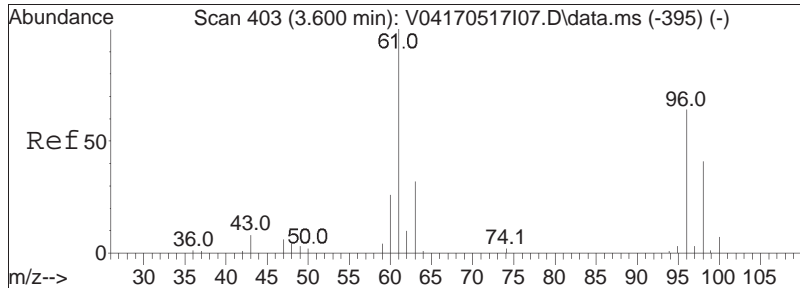




#17
 Acetone
 Concen: 18.98 ug/L
 RT: 3.505 min Scan# 385
 Delta R.T. -0.006 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

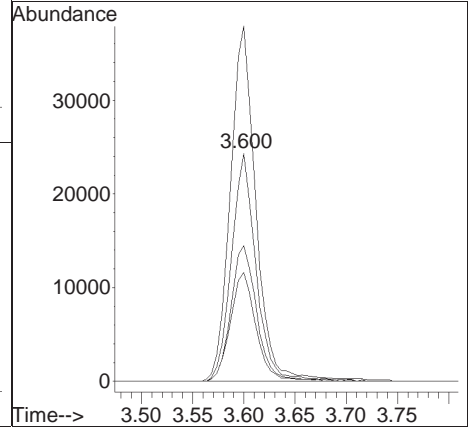
Tgt Ion	Resp	Lower	Upper
43	10865		
58	30.3	26.0	39.0

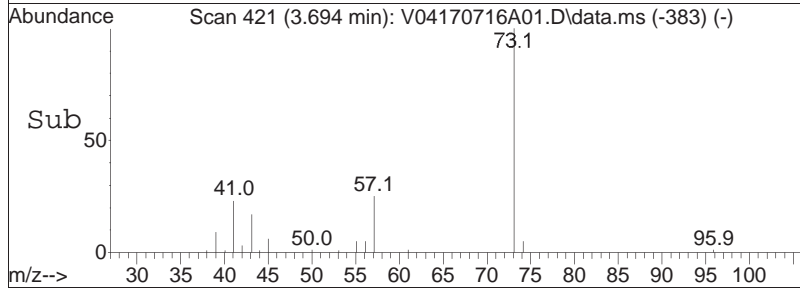
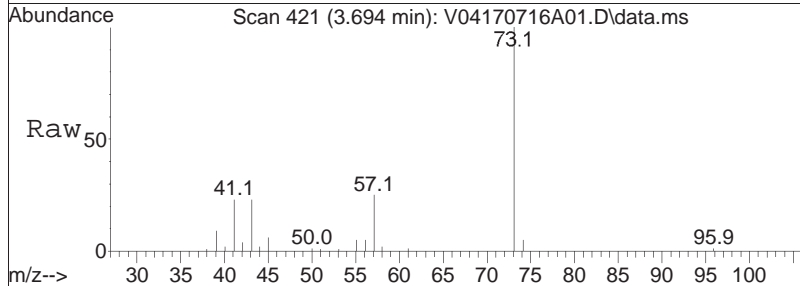
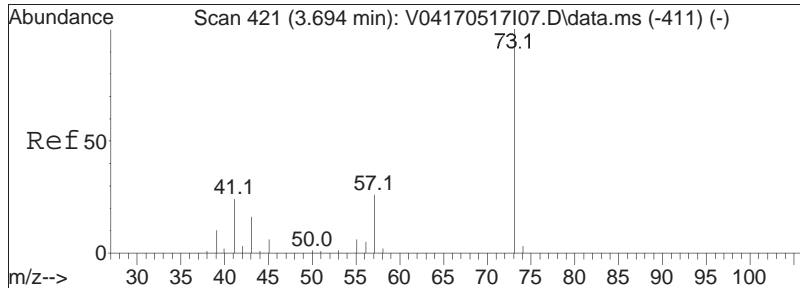




#18
 trans-1,2-Dichloroethene
 Concen: 15.98 ug/L
 RT: 3.600 min Scan# 403
 Delta R.T. -0.000 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

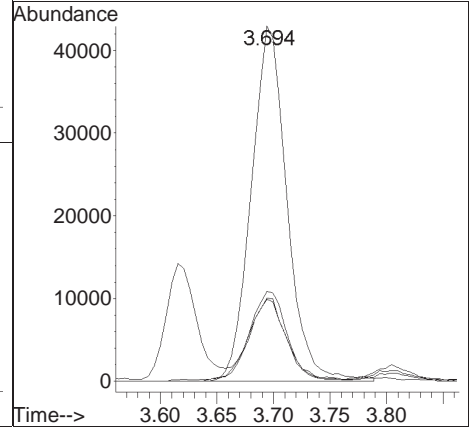
Tgt Ion:	Resp:		
Ion	Ratio	Lower	Upper
96	100		
61	160.8	122.6	254.6
98	61.8	41.6	86.4
63	49.4	37.6	78.0

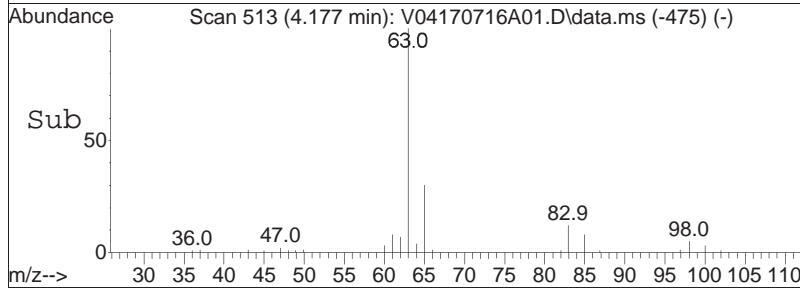
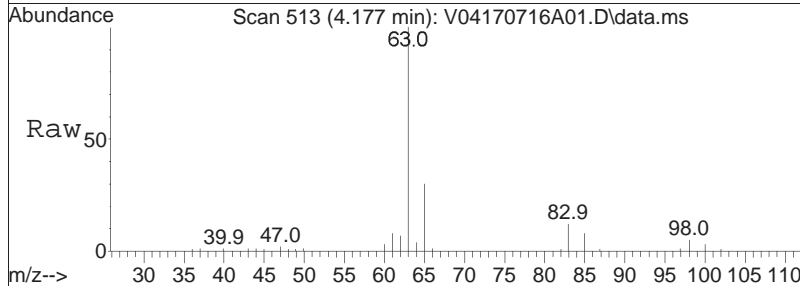
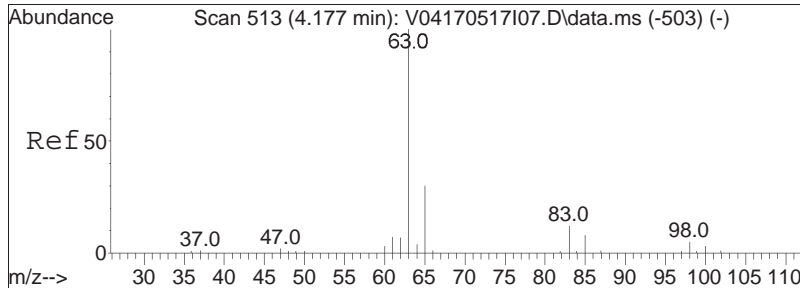




#20
 Methyl tert-butyl ether
 Concen: 13.76 ug/L
 RT: 3.694 min Scan# 421
 Delta R.T. 0.000 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

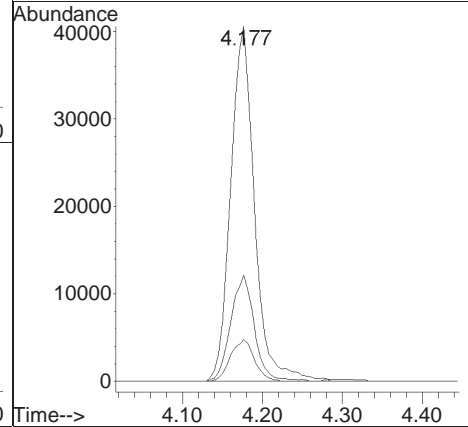
Tgt Ion	Resp	Lower	Upper
73	94536		
57	27.2	20.9	43.3
43	24.4	16.4	34.2
41	24.0	17.2	35.8

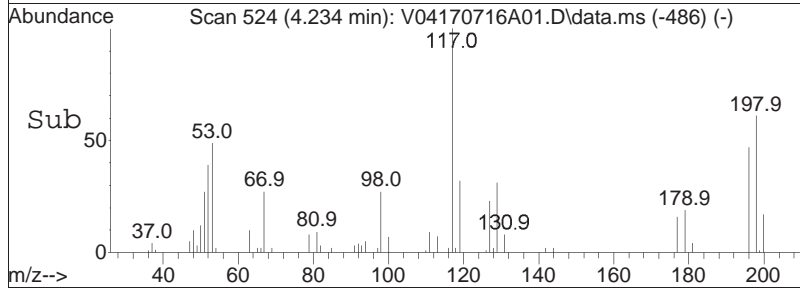
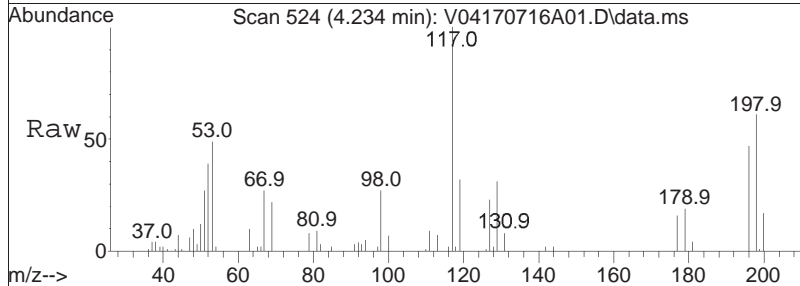
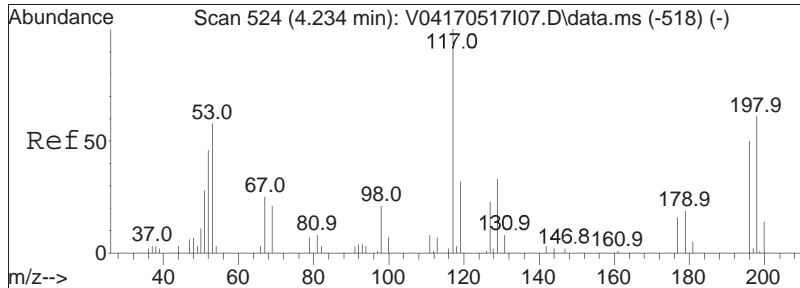




#23
 1,1-Dichloroethane
 Concen: 16.54 ug/L
 RT: 4.177 min Scan# 513
 Delta R.T. -0.000 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

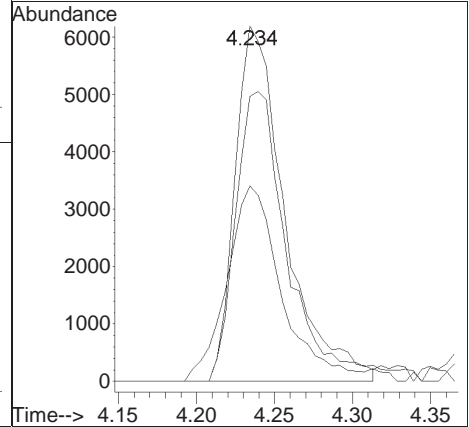
Tgt Ion:	Resp:		
Ion	Ratio	Lower	Upper
63	100		
65	29.5	9.4	49.4
83	11.8	0.0	30.4

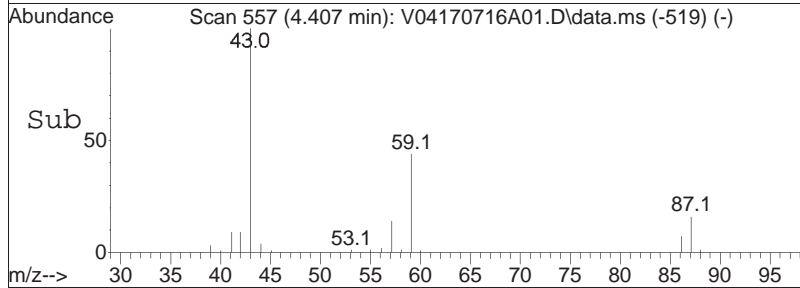
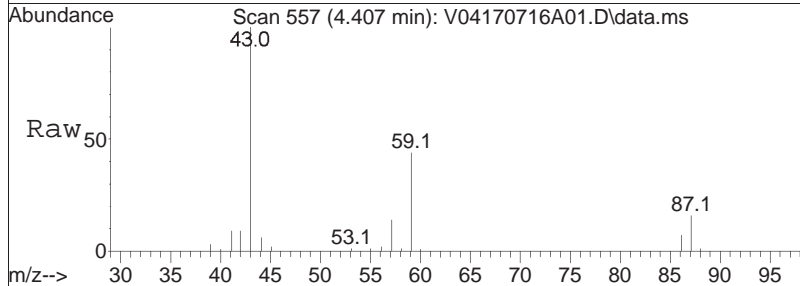
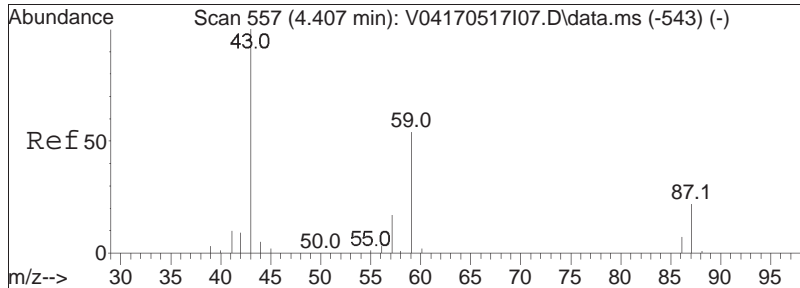




#25
 Acrylonitrile
 Concen: 17.67 ug/L
 RT: 4.234 min Scan# 524
 Delta R.T. 0.000 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

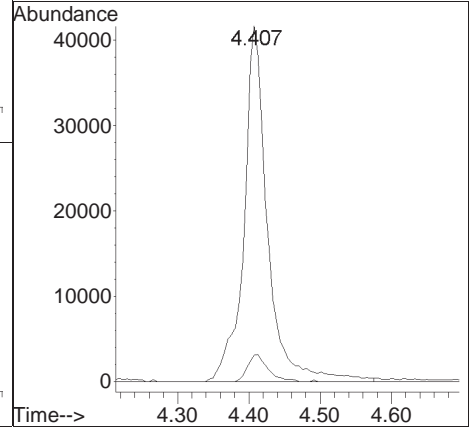
Tgt Ion:	Resp:		
Ion	Ratio	Lower	Upper
53	100		
52	86.0	67.2	100.8
51	60.1	43.7	65.5

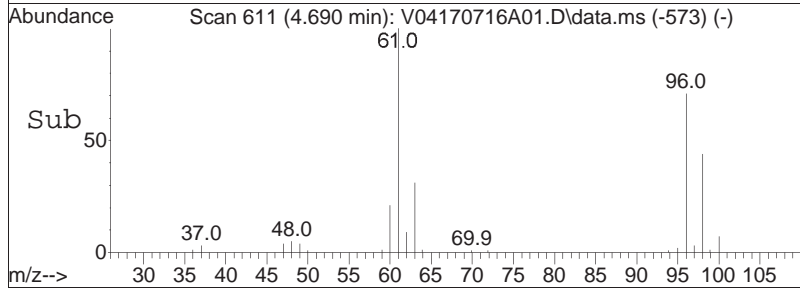
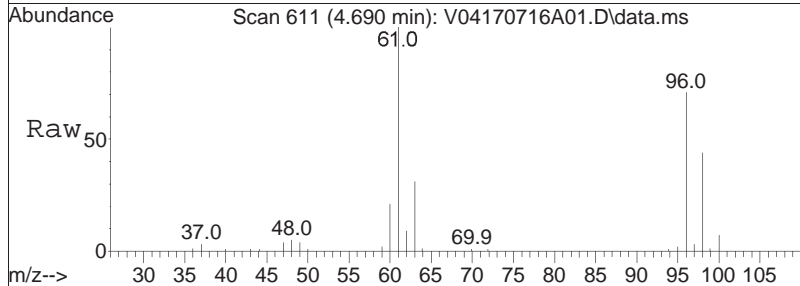
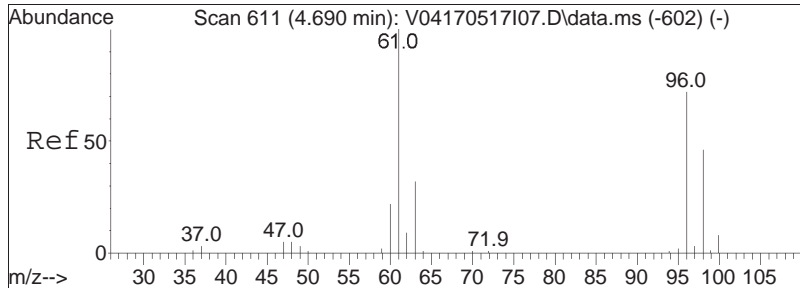




#27
 Vinyl acetate
 Concen: 17.70 ug/L
 RT: 4.407 min Scan# 557
 Delta R.T. 0.000 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

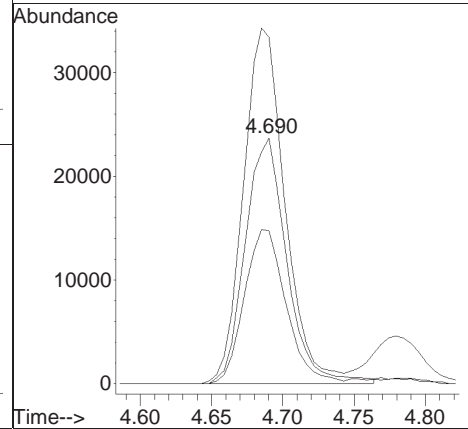
Tgt Ion:	43	86	Resp:	96144
Ion Ratio	100	6.4	Lower	Upper
			4.9	7.3

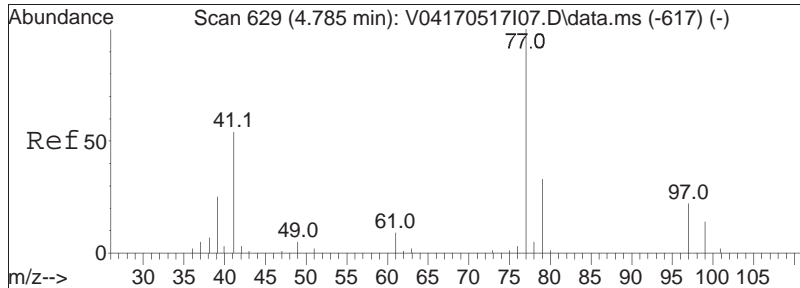




#28
 cis-1,2-Dichloroethene
 Concen: 16.97 ug/L
 RT: 4.690 min Scan# 611
 Delta R.T. 0.000 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

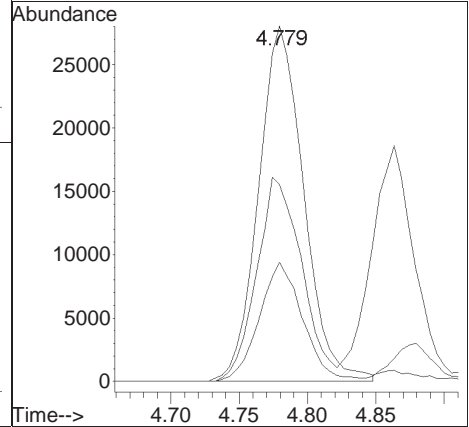
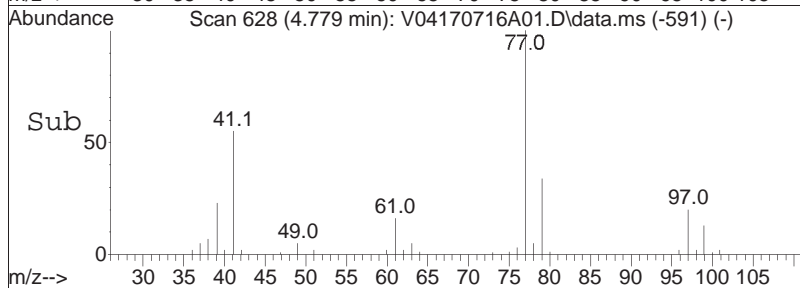
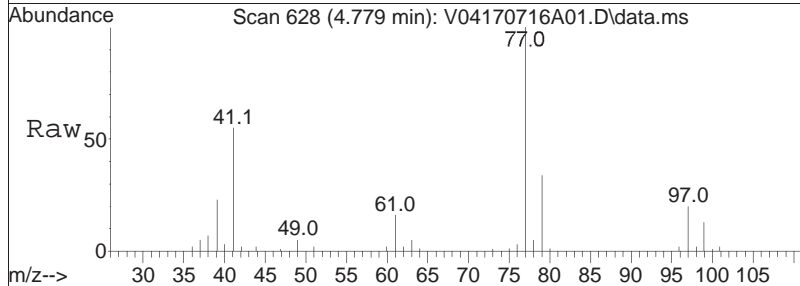
Tgt Ion:	96	61	98	Resp:	48014	Lower	Upper
Ion Ratio	100	144.2	62.7			135.0	202.4
						51.5	77.3

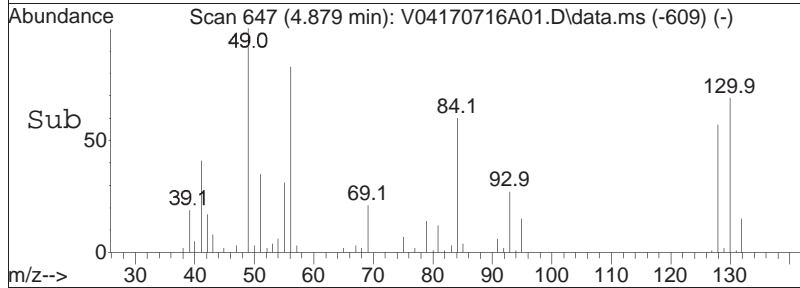
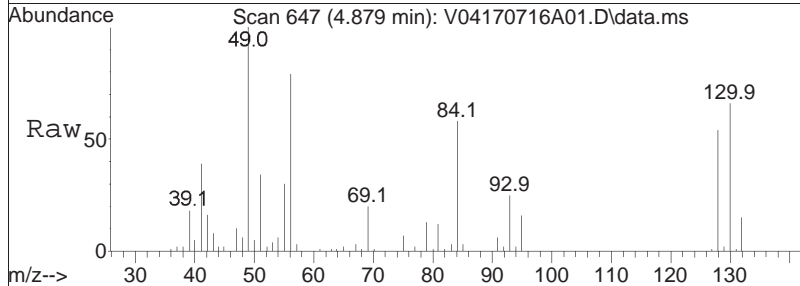
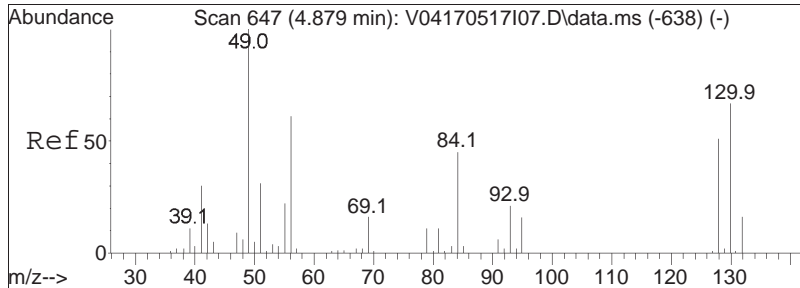




#29
 2,2-Dichloropropane
 Concen: 17.16 ug/L
 RT: 4.779 min Scan# 628
 Delta R.T. -0.006 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

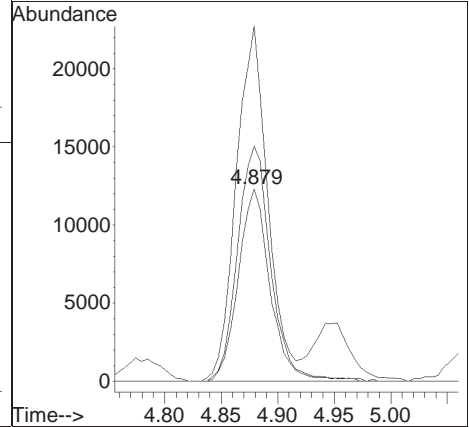
Tgt Ion:	Resp:		
Ion	Ratio	Lower	Upper
77	100		
41	57.1	38.5	80.1
79	32.3	20.9	43.5

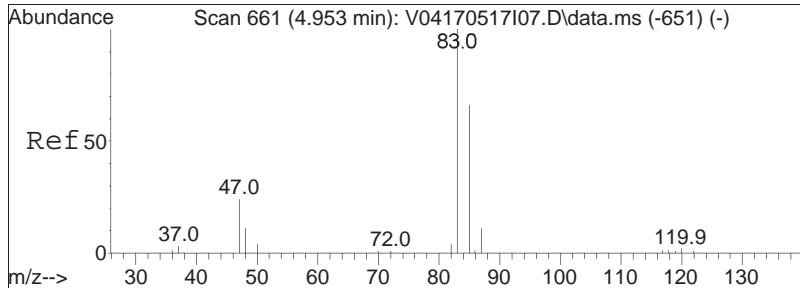




#30
 Bromochloromethane
 Concen: 17.17 ug/L
 RT: 4.879 min Scan# 647
 Delta R.T. 0.000 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

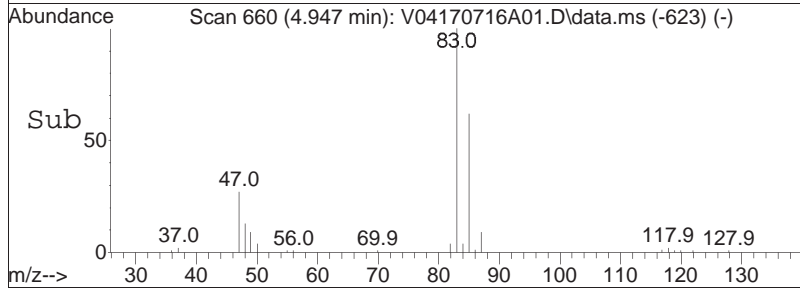
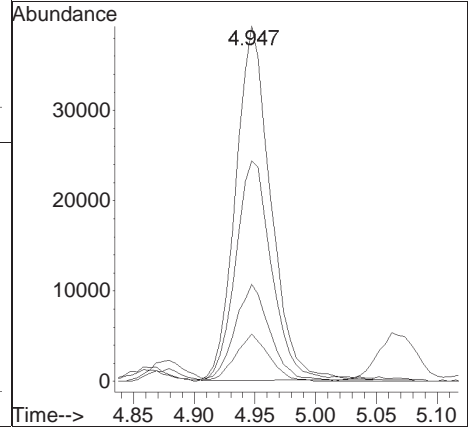
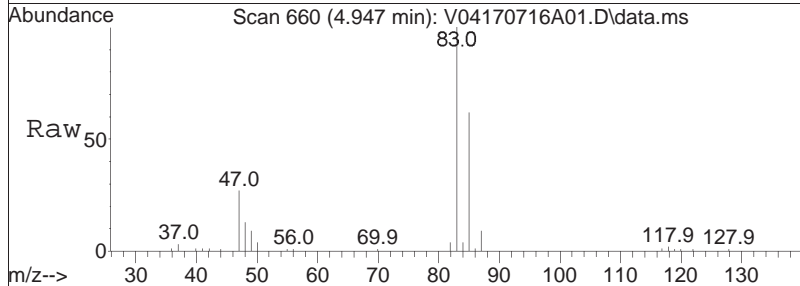
Tgt Ion	Resp	Lower	Upper
128	100		
49	180.2	163.8	245.8
130	126.6	102.3	153.5

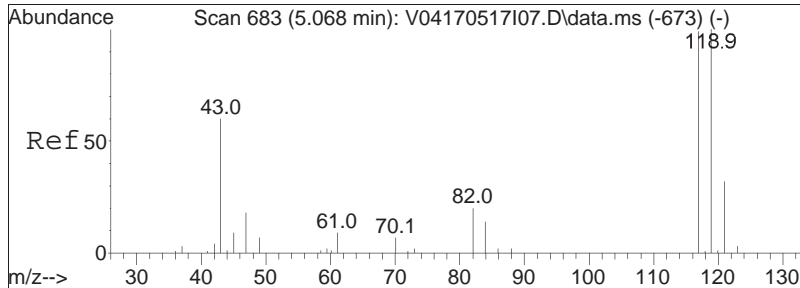




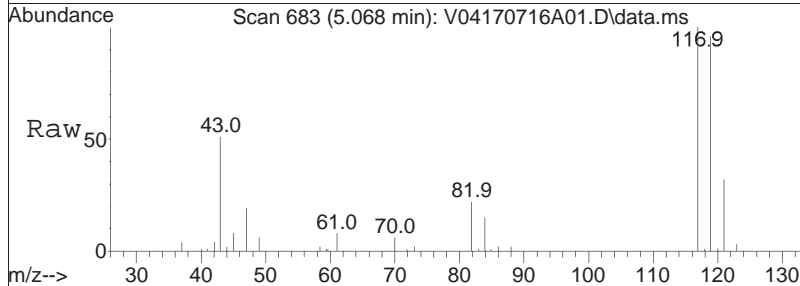
#32
 Chloroform
 Concen: 17.03 ug/L
 RT: 4.947 min Scan# 660
 Delta R.T. -0.006 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

Tgt Ion	Resp	Lower	Upper
83	79026		
85	65.8	42.1	87.3
47	27.6	18.5	38.3
48	13.0	8.6	18.0

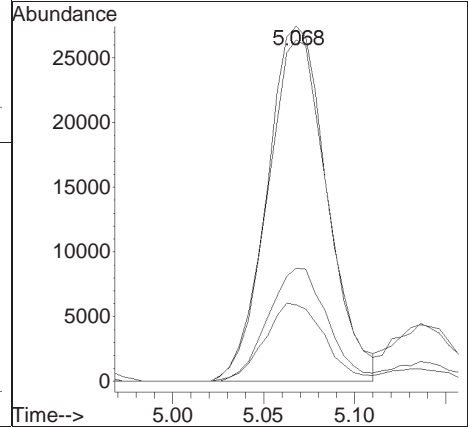
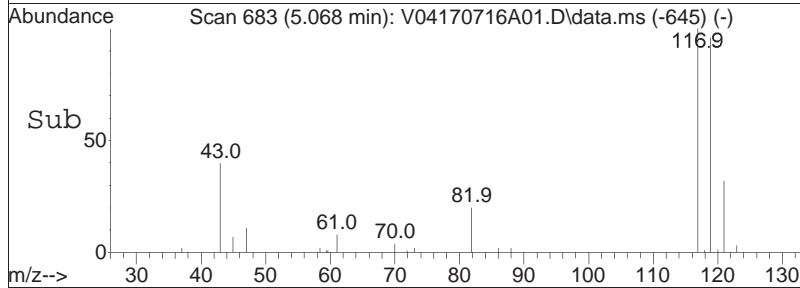


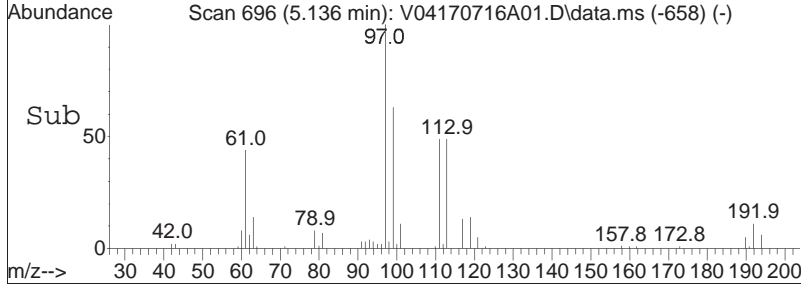
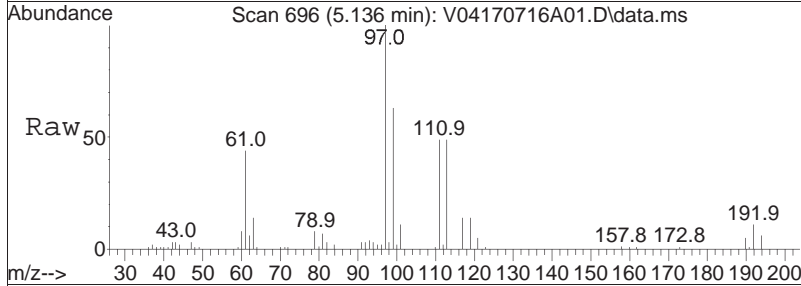
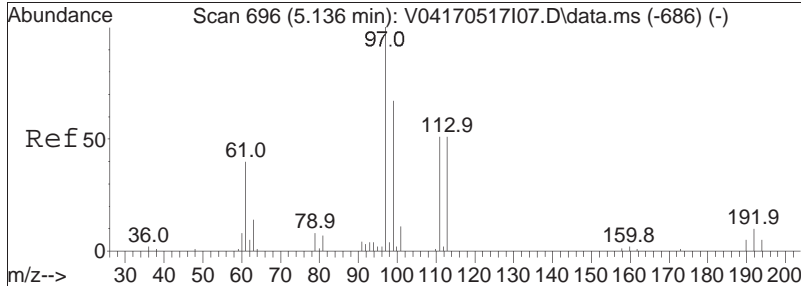


#34
 Carbon tetrachloride
 Concen: 18.62 ug/L
 RT: 5.068 min Scan# 683
 Delta R.T. -0.000 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59



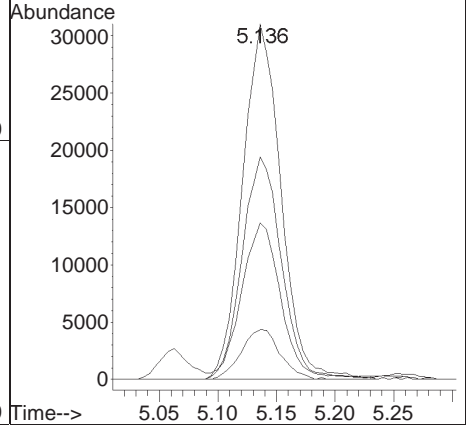
Tgt Ion	Resp	Lower	Upper
117	63050		
117	100		
119	95.7	62.7	130.3
121	31.5	20.2	41.9
82	22.1	14.4	29.8

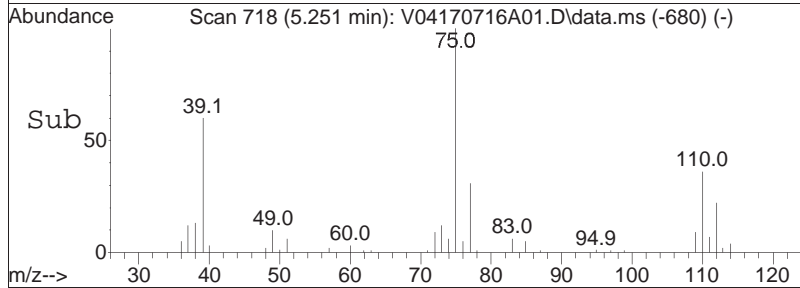
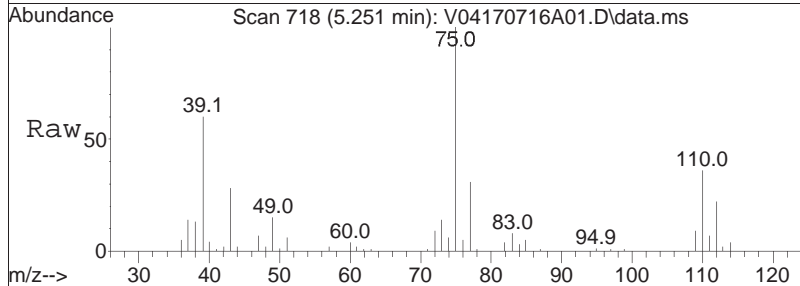
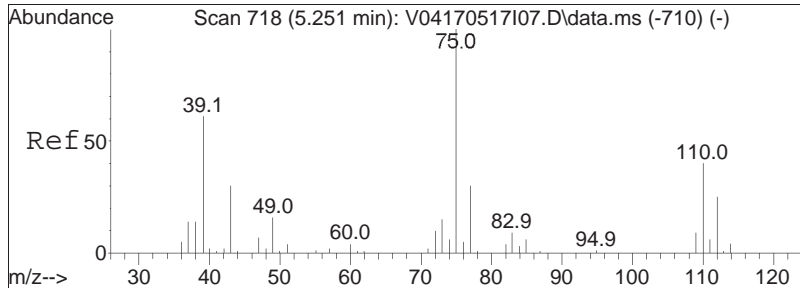




#37
 1,1,1-Trichloroethane
 Concen: 17.96 ug/L
 RT: 5.136 min Scan# 696
 Delta R.T. 0.000 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

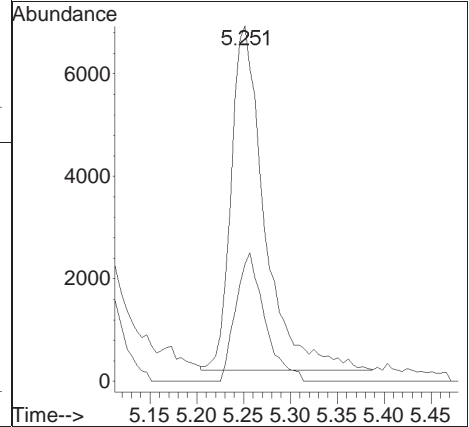
Tgt Ion:	Resp:		
Ion	Ratio	Lower	Upper
97	100		
99	64.2	41.9	86.9
61	45.3	34.3	71.1
63	14.3	10.6	22.0

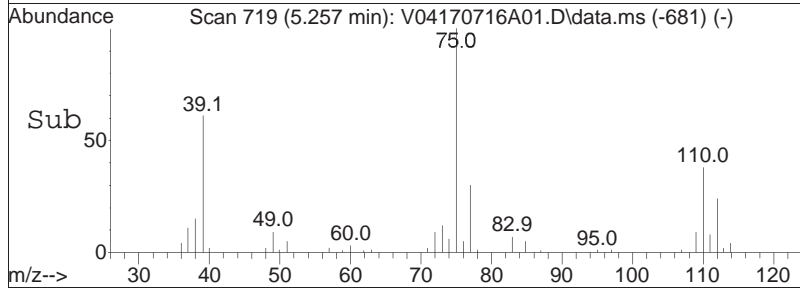
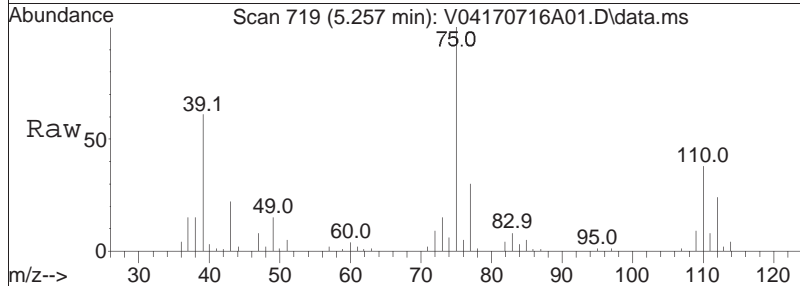
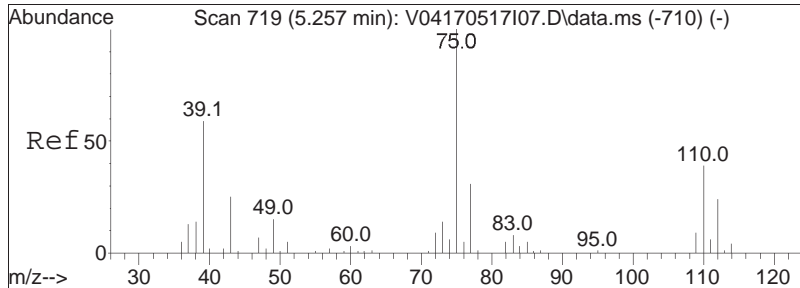




#39
 2-Butanone
 Concen: 16.72 ug/L
 RT: 5.251 min Scan# 718
 Delta R.T. 0.000 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

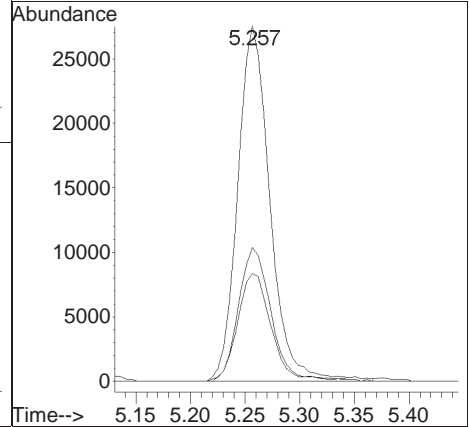
Tgt Ion:	43	Resp:	16612
Ion Ratio	Lower	Upper	
43	100		
72	32.5	24.3	36.5

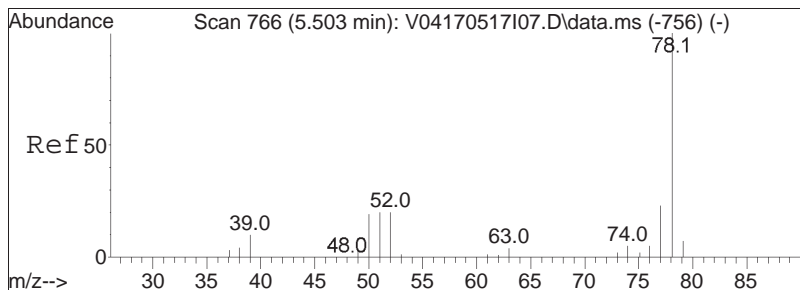




#40
 1,1-Dichloropropene
 Concen: 17.45 ug/L
 RT: 5.257 min Scan# 719
 Delta R.T. -0.000 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

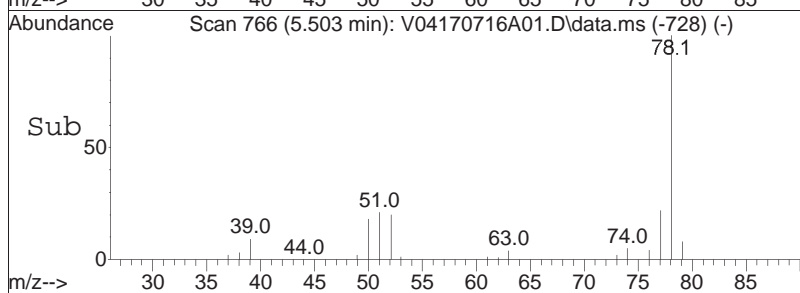
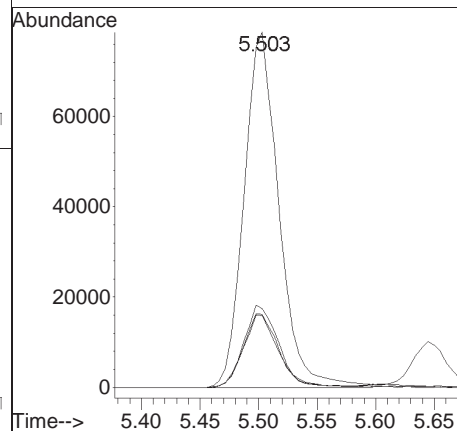
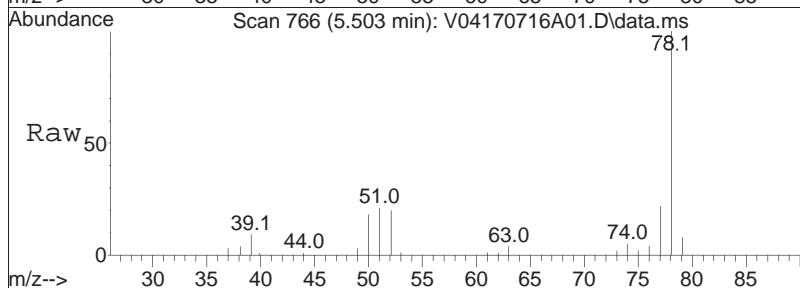
Tgt Ion	Resp	Lower	Upper
75	100		
110	37.9	24.4	50.6
77	32.0	20.5	42.5

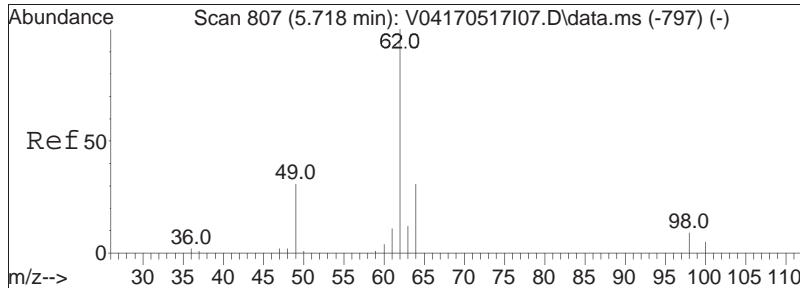




#41
Benzene
Concen: 16.75 ug/L
RT: 5.503 min Scan# 766
Delta R.T. 0.000 min
Lab File: V04170716A01.D
Acq: 16 Jul 2017 7:59

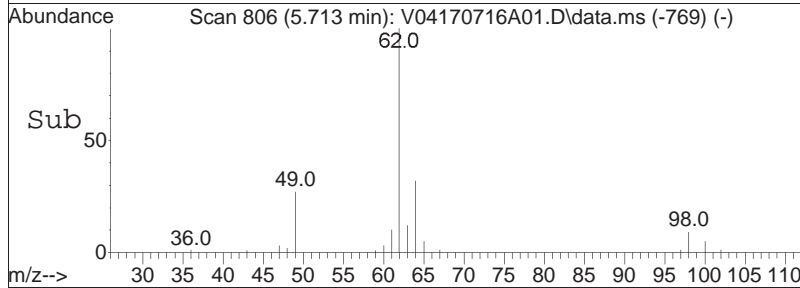
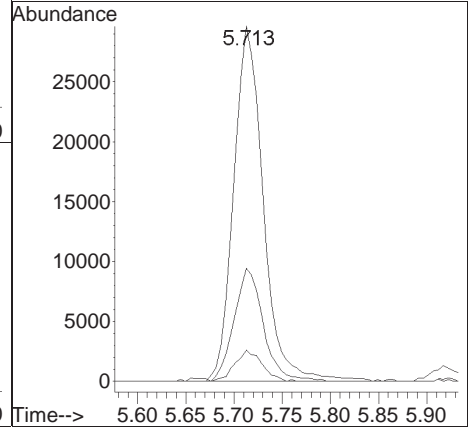
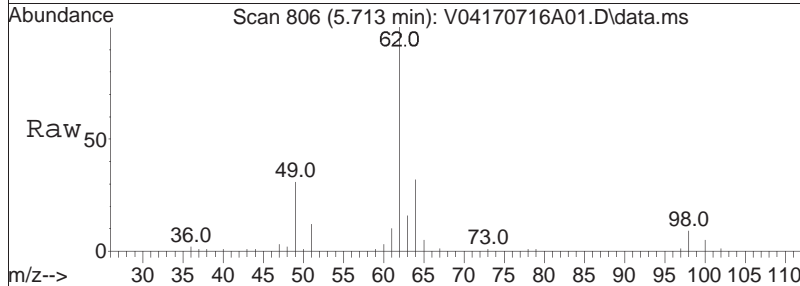
Tgt Ion	Resp	Lower	Upper
78	162597		
77	23.2	15.2	31.6
51	21.2	14.1	29.3
52	20.4	14.0	29.2

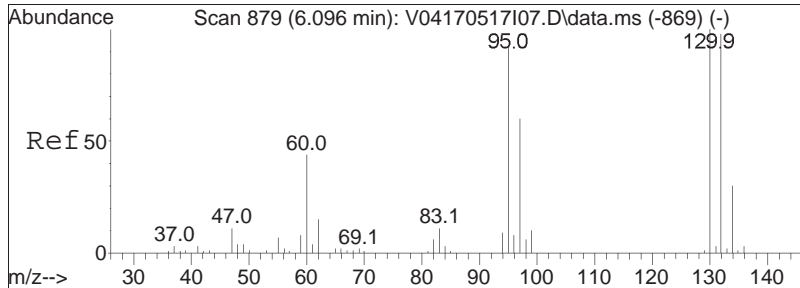




#44
 1,2-Dichloroethane
 Concen: 18.04 ug/L
 RT: 5.713 min Scan# 806
 Delta R.T. -0.005 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

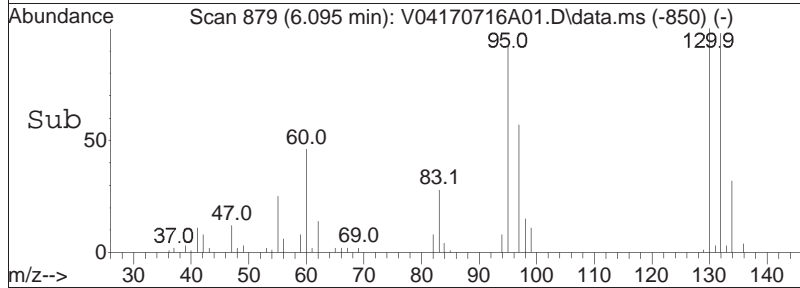
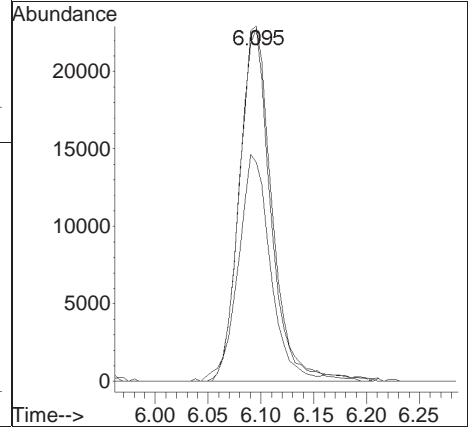
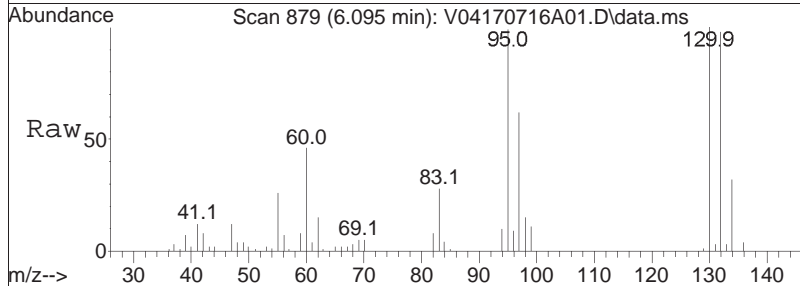
Tgt Ion:	Resp:		
Ion Ratio	Lower	Upper	
62	100		
64	31.5	11.2	51.2
98	8.1	0.0	27.3

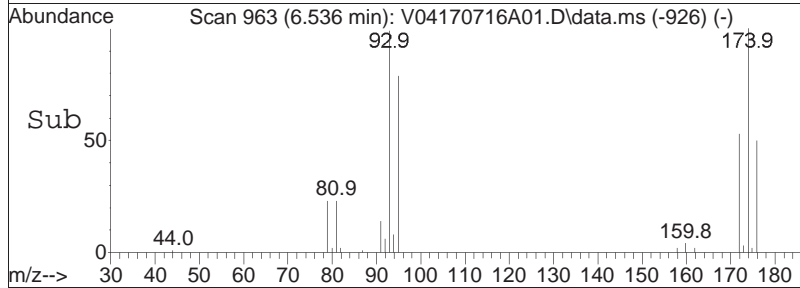
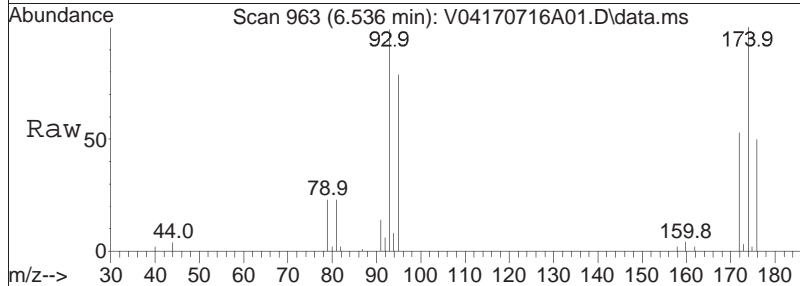
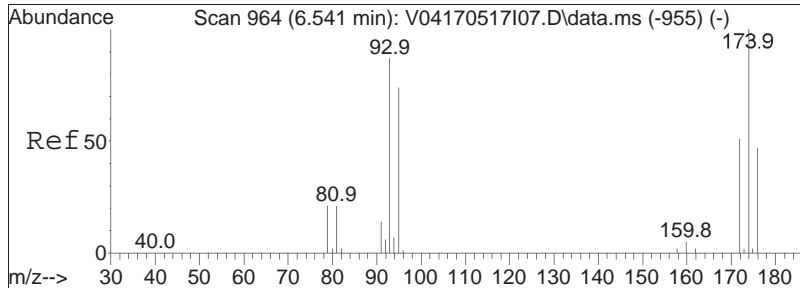




#48
 Trichloroethene
 Concen: 17.91 ug/L
 RT: 6.095 min Scan# 879
 Delta R.T. -0.001 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

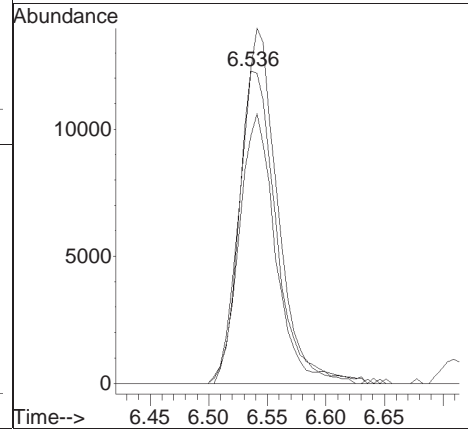
Tgt Ion	Resp	Lower	Upper
95	100		
97	66.9	54.8	82.2
130	104.5	85.8	128.6

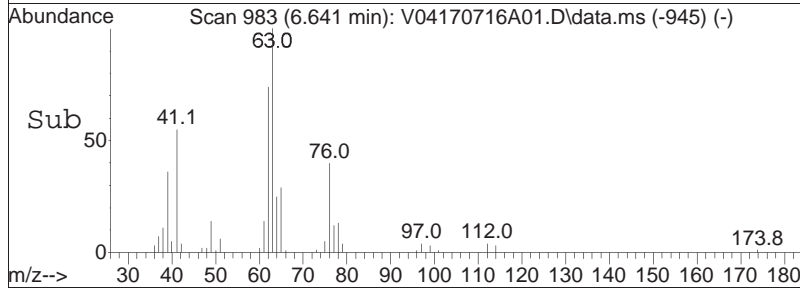
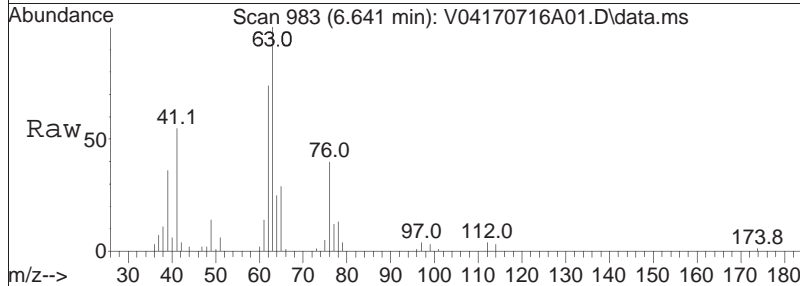
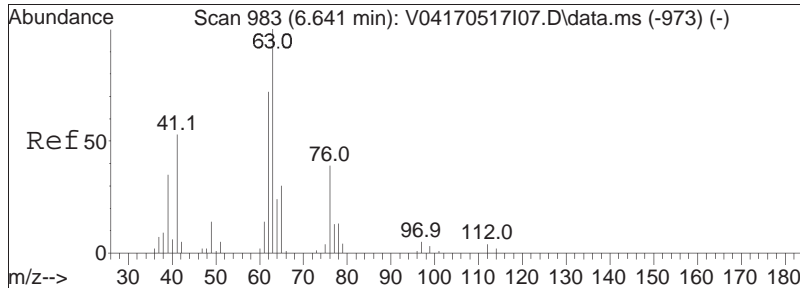




#50
 Dibromomethane
 Concen: 17.65 ug/L
 RT: 6.536 min Scan# 963
 Delta R.T. -0.005 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

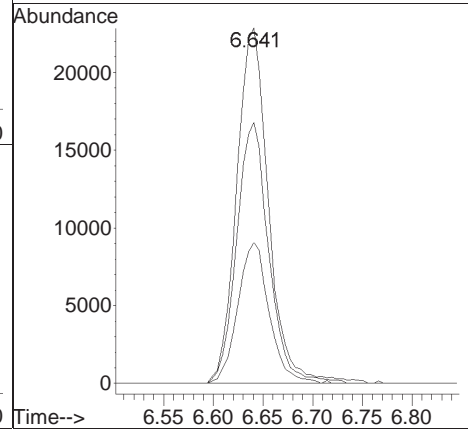
Tgt Ion	Resp	Lower	Upper
93	27513		
93	100		
95	82.8	67.3	100.9
174	111.2	94.1	141.1

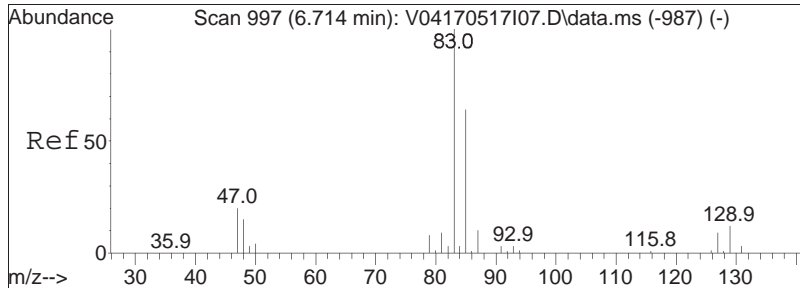




#51
 1,2-Dichloropropane
 Concen: 18.19 ug/L
 RT: 6.641 min Scan# 983
 Delta R.T. -0.000 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

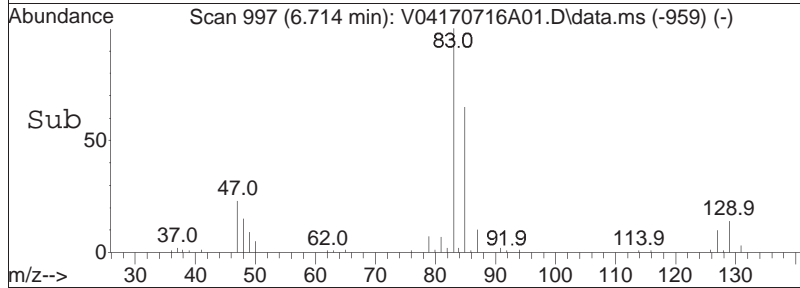
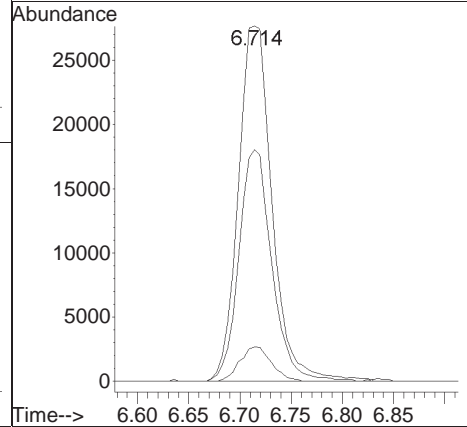
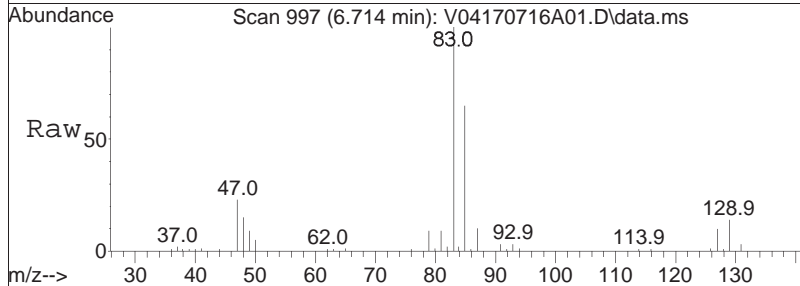
Tgt Ion:	Resp:		
Ion	Ratio	Lower	Upper
63	100		
62	73.8	57.9	86.9
76	38.9	26.1	39.1

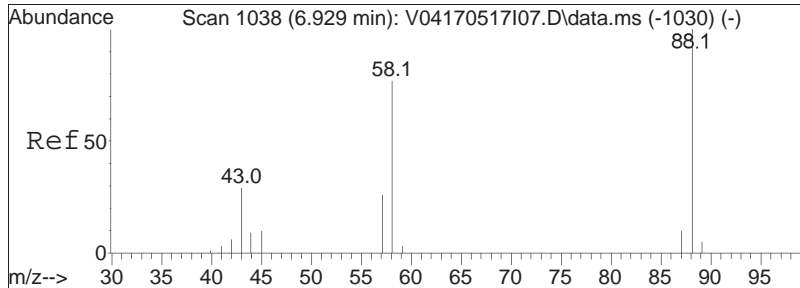




#54
 Bromodichloromethane
 Concen: 18.38 ug/L
 RT: 6.714 min Scan# 997
 Delta R.T. 0.000 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

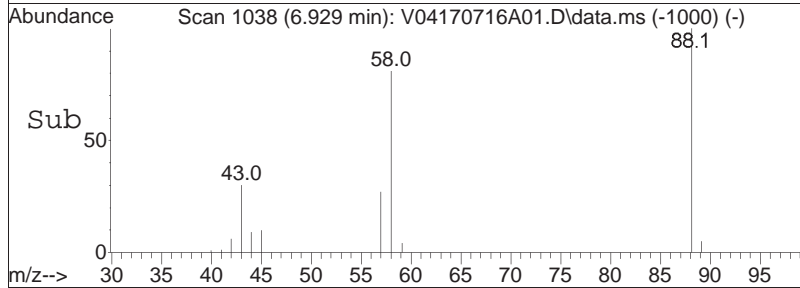
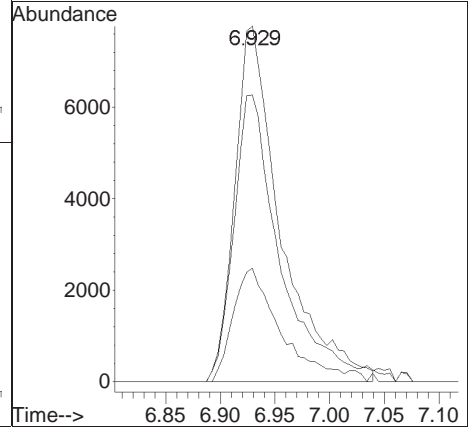
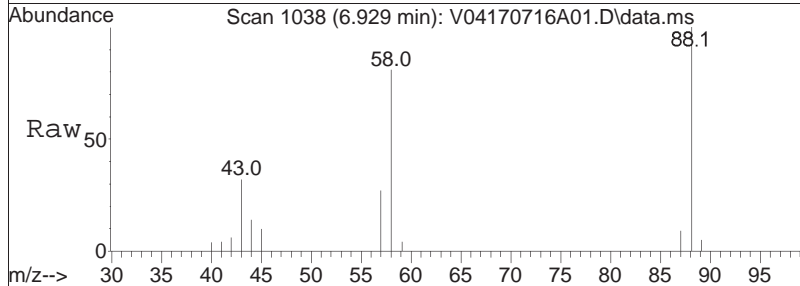
Tgt Ion	Resp	Lower	Upper
83	100		
85	63.5	51.5	77.3
127	9.1	7.1	10.7

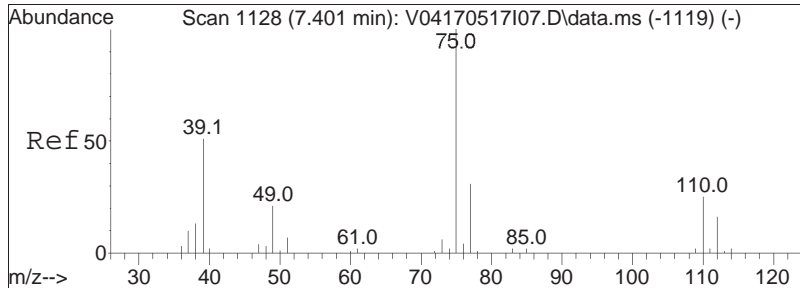




#57
 1,4-Dioxane
 Concen: 1037.68 ug/L
 RT: 6.929 min Scan# 1038
 Delta R.T. 0.000 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

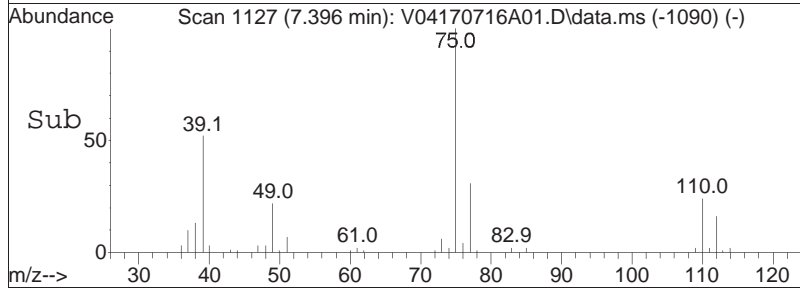
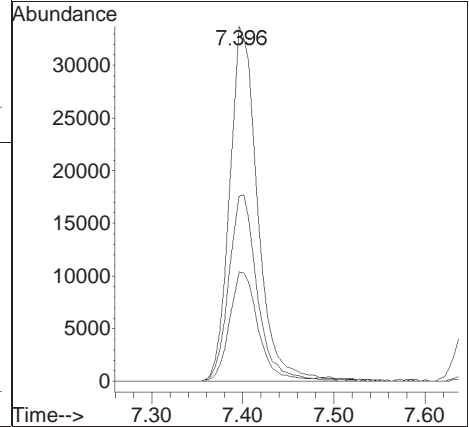
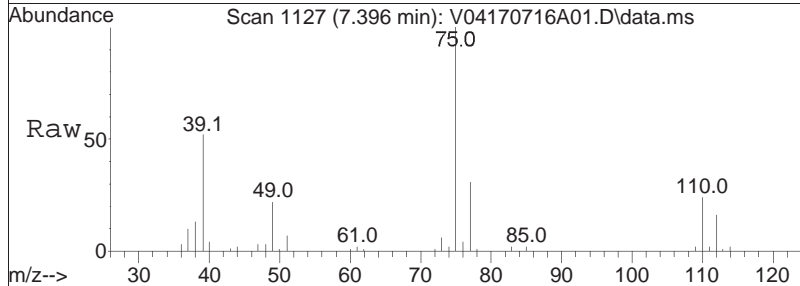
Tgt Ion	Resp	Lower	Upper
88	100		
58	81.8	72.2	108.2
43	32.5	28.1	42.1

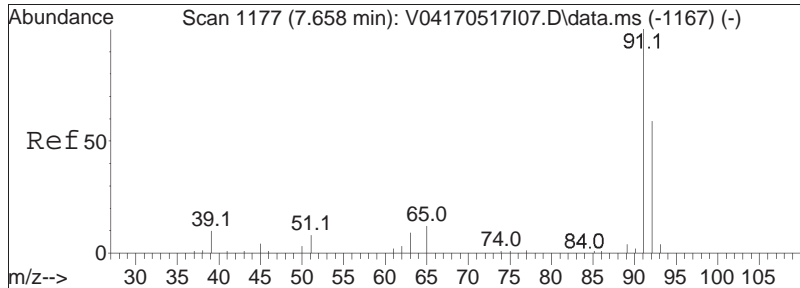




#58
 cis-1,3-Dichloropropene
 Concen: 17.21 ug/L
 RT: 7.396 min Scan# 1127
 Delta R.T. -0.005 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

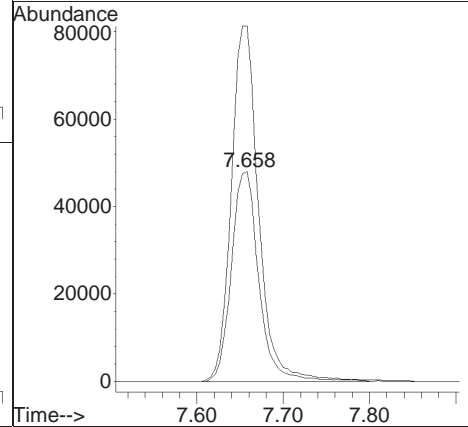
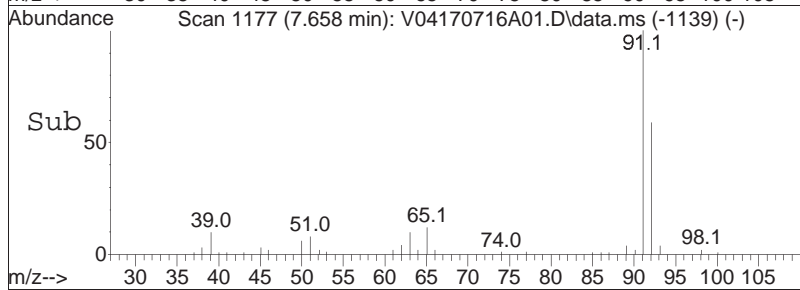
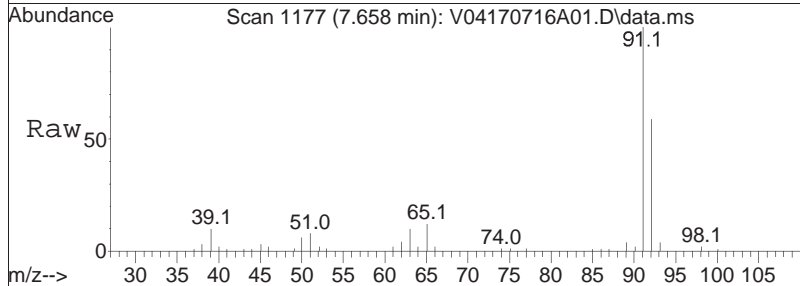
Tgt Ion:	75	Resp:	72561
Ion Ratio	Lower	Upper	
75	100		
77	32.0	25.3	37.9
39	52.9	42.6	64.0

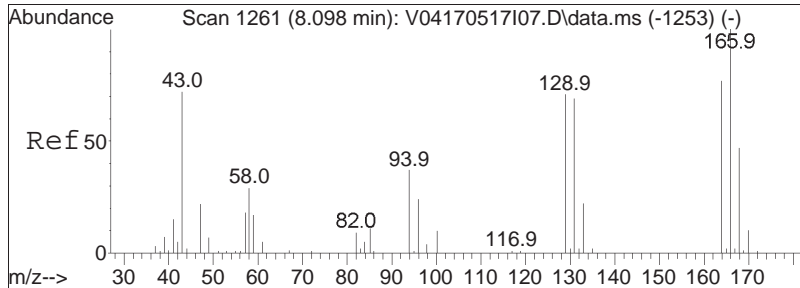




#61
 Toluene
 Concen: 18.65 ug/L
 RT: 7.658 min Scan# 1177
 Delta R.T. -0.000 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

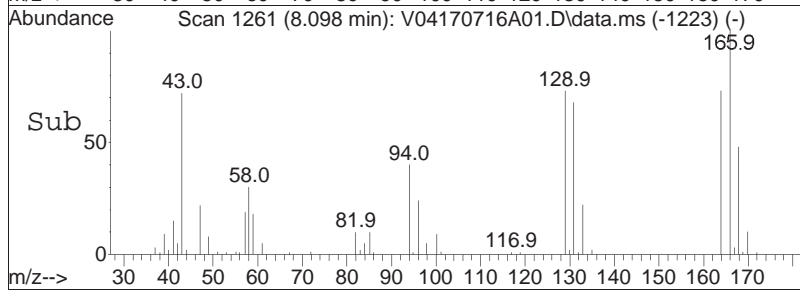
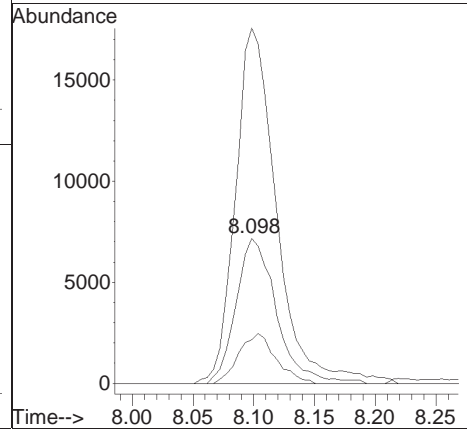
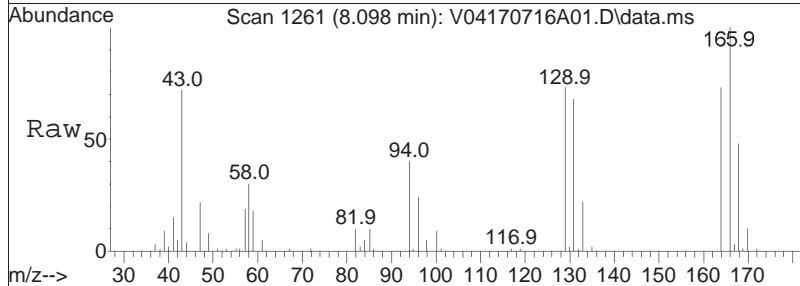
Tgt Ion: 92 Resp: 106141
 Ion Ratio Lower Upper
 92 100
 91 169.1 135.4 203.2

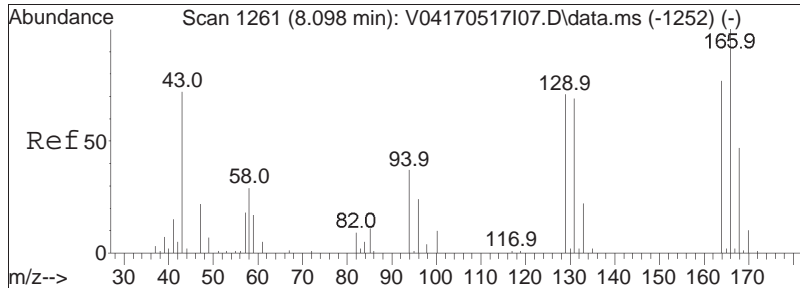




#62
 4-Methyl-2-pentanone
 Concen: 19.70 ug/L
 RT: 8.098 min Scan# 1261
 Delta R.T. 0.000 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

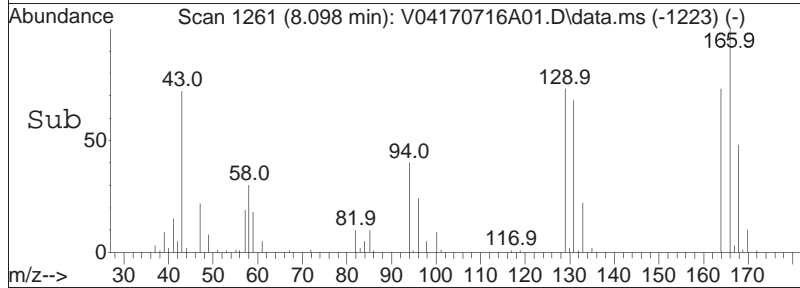
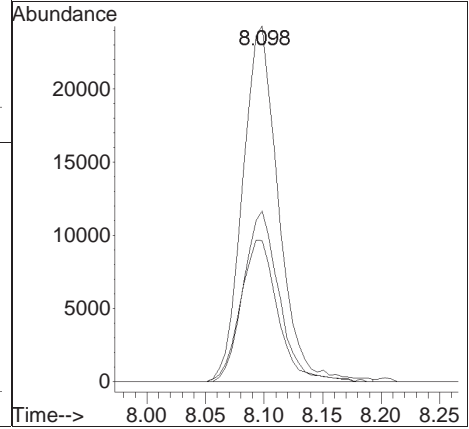
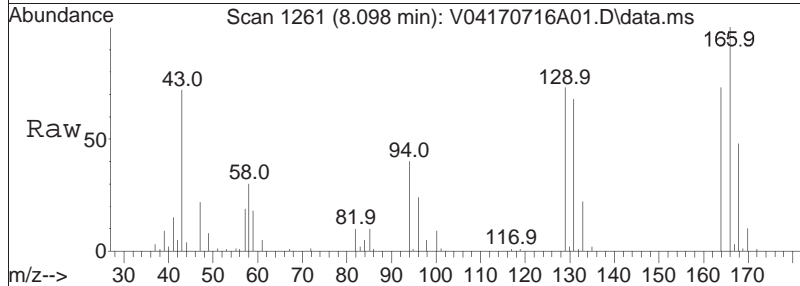
Tgt Ion:	Resp:		
Ion Ratio	Lower	Upper	
58	100		
100	31.7	22.2	33.2
43	251.1	188.5	282.7

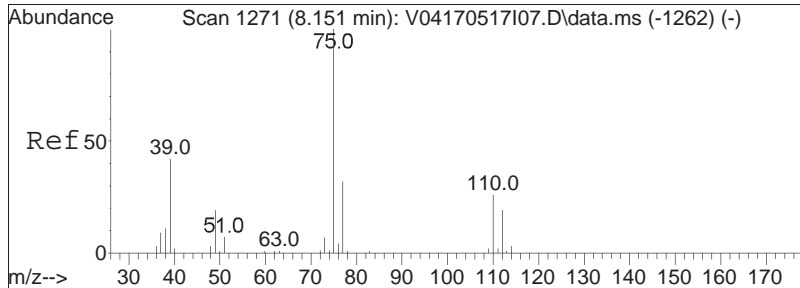




#63
 Tetrachloroethene
 Concen: 18.57 ug/L
 RT: 8.098 min Scan# 1261
 Delta R.T. 0.000 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

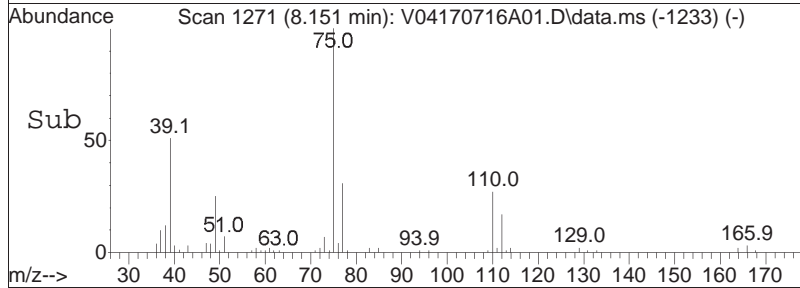
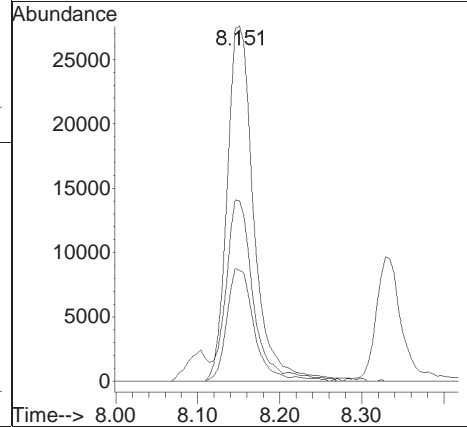
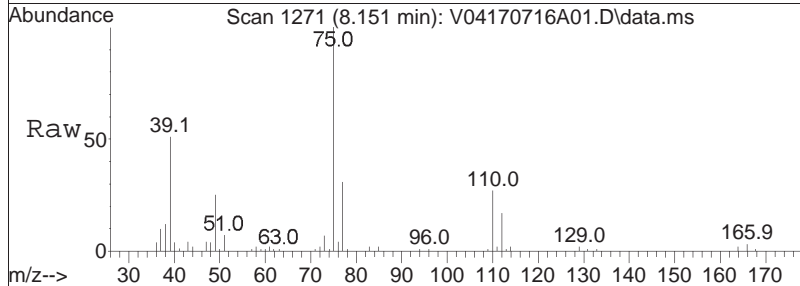
Tgt Ion	Resp	Lower	Upper
166	51635		
166	100		
168	47.5	27.3	67.3
94	41.4	17.1	57.1

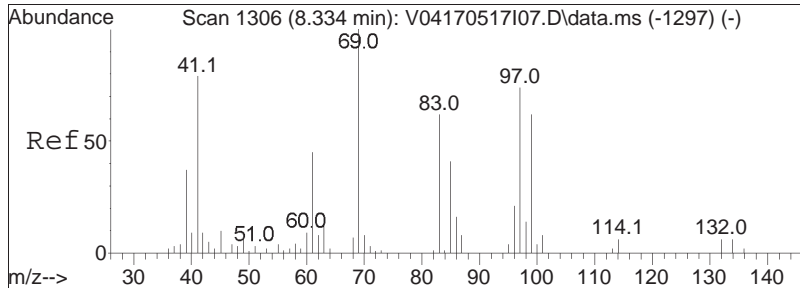




#65
 trans-1,3-Dichloropropene
 Concen: 19.29 ug/L
 RT: 8.151 min Scan# 1271
 Delta R.T. -0.000 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

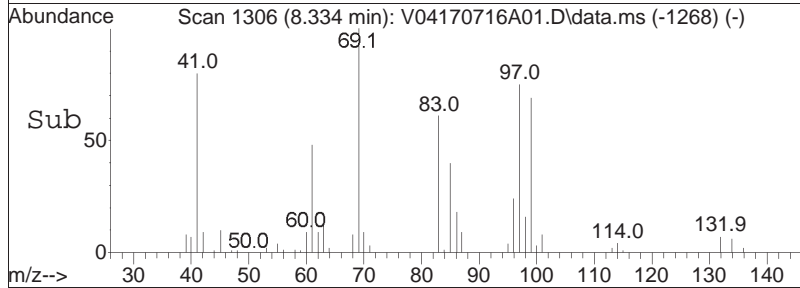
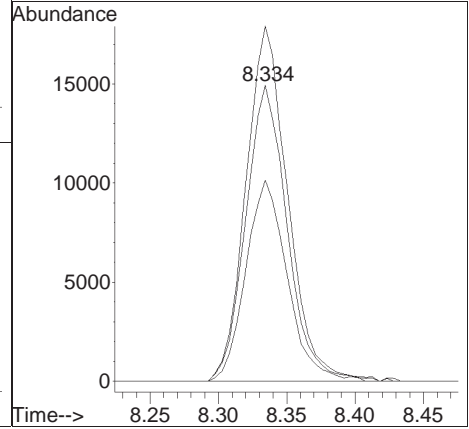
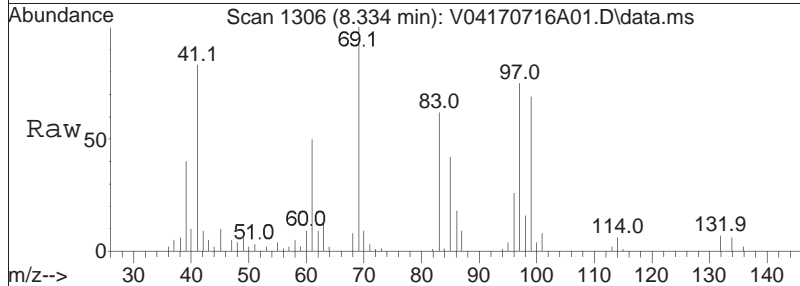
Tgt Ion	Resp	Lower	Upper
75	100		
77	31.6	11.9	51.9
39	52.3	31.2	71.2

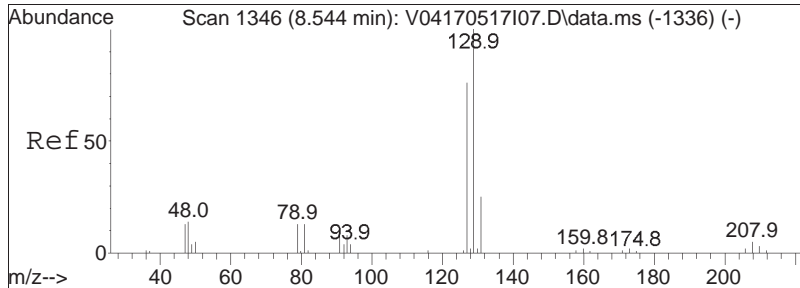




#68
 1,1,2-Trichloroethane
 Concen: 18.40 ug/L
 RT: 8.334 min Scan# 1306
 Delta R.T. 0.000 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

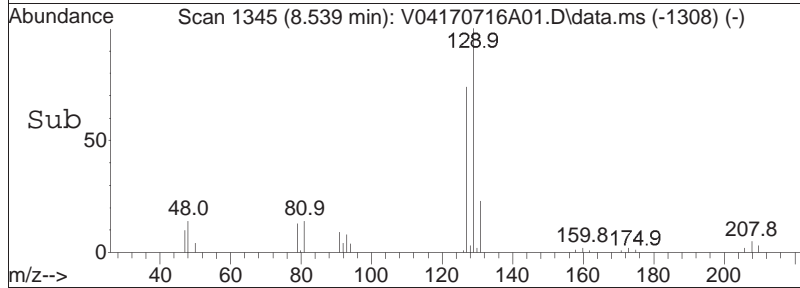
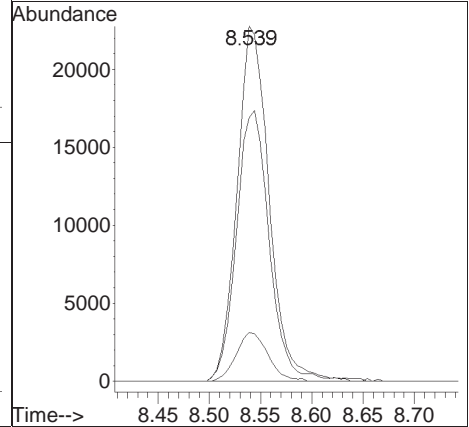
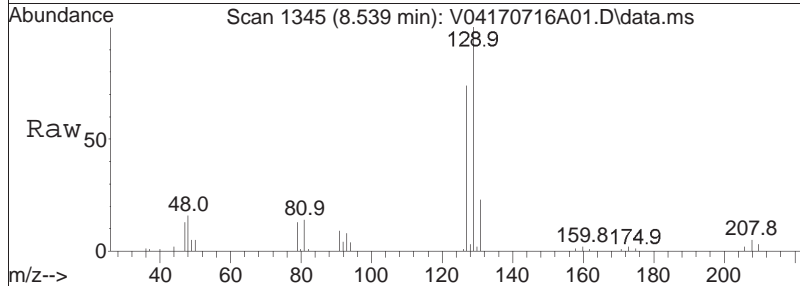
Tgt Ion	Resp	Lower	Upper
83	31514		
83	100		
97	121.2	95.8	135.8
85	68.4	47.8	87.8

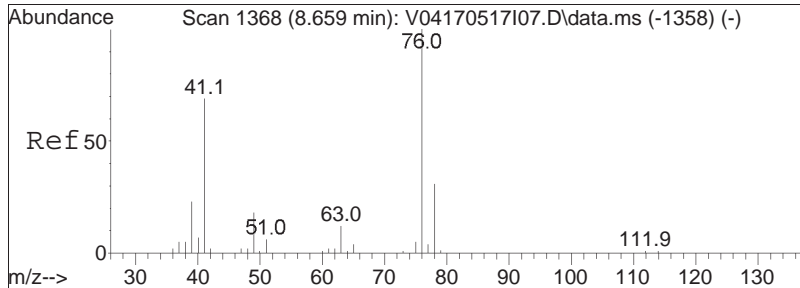




#69
 Chlorodibromomethane
 Concen: 18.18 ug/L
 RT: 8.539 min Scan# 1345
 Delta R.T. -0.005 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

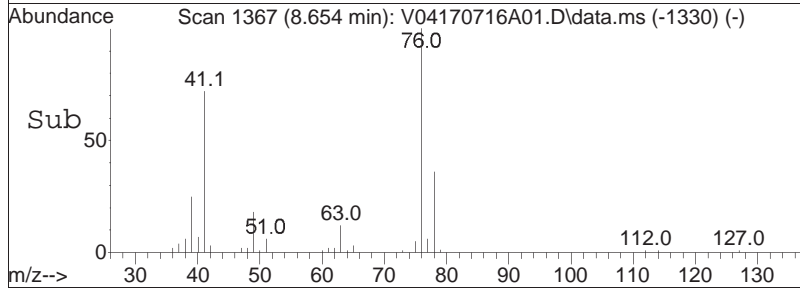
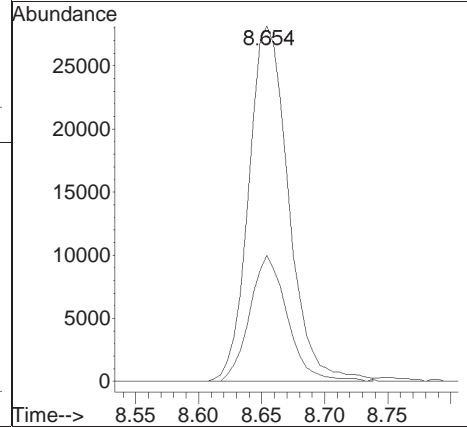
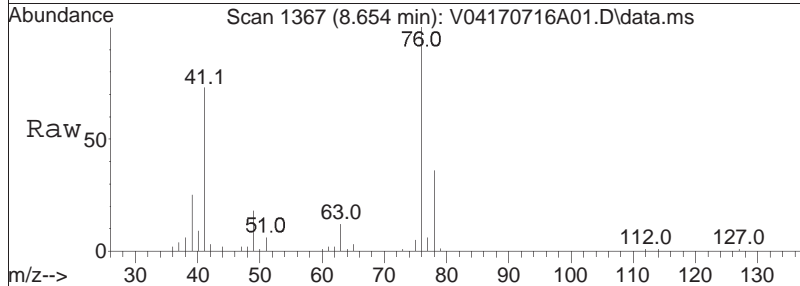
Tgt Ion	Resp	Lower	Upper
129	49898		
129	100		
81	13.7	0.0	33.6
127	77.7	56.6	96.6

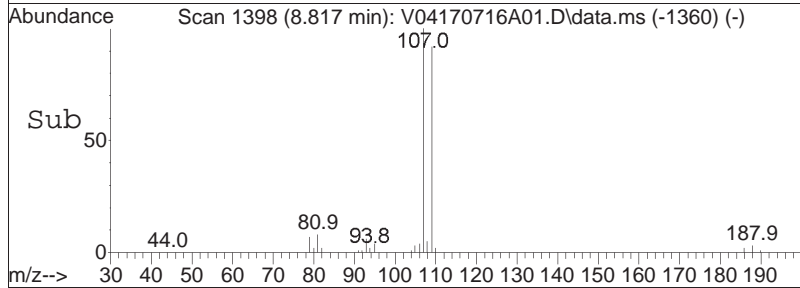
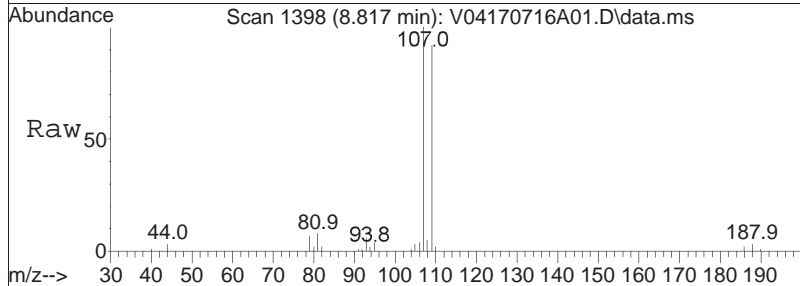
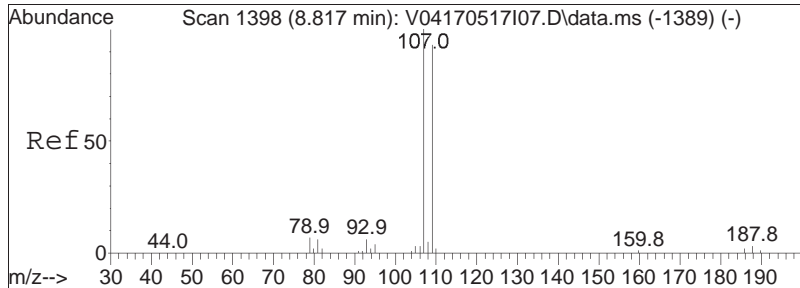




#70
 1,3-Dichloropropane
 Concen: 18.70 ug/L
 RT: 8.654 min Scan# 1367
 Delta R.T. -0.005 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

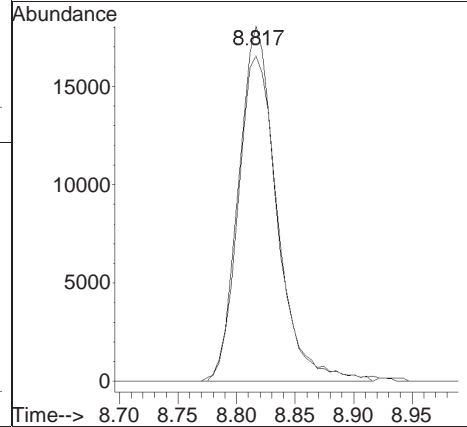
Tgt Ion:	Resp:	Lower	Upper
76	61961		
76	100		
78	33.5	25.4	38.2

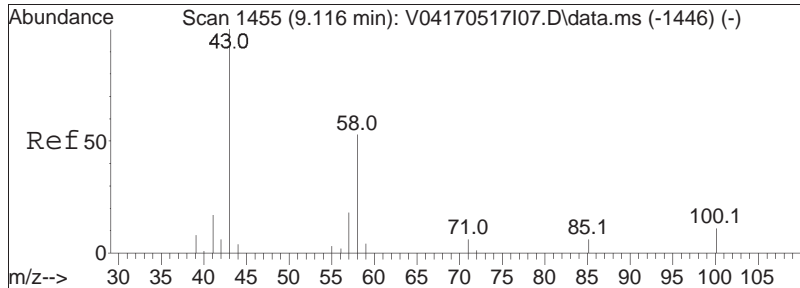




#71
 1,2-Dibromoethane
 Concen: 18.57 ug/L
 RT: 8.817 min Scan# 1398
 Delta R.T. -0.000 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

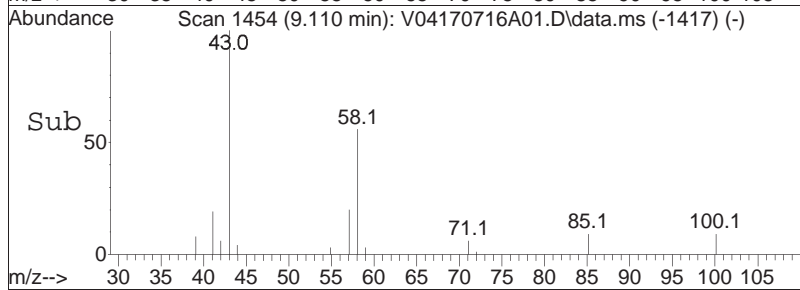
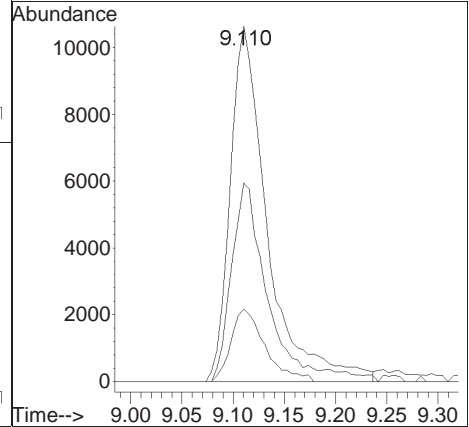
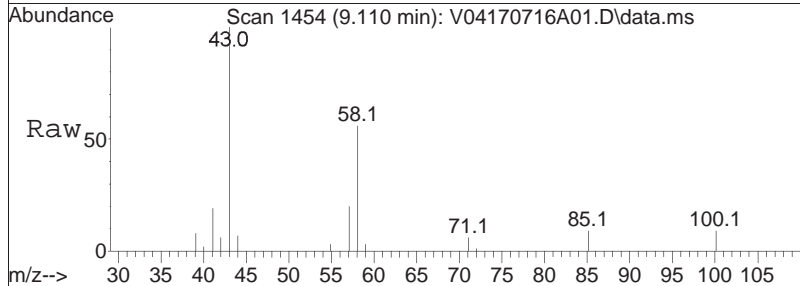
Tgt Ion: 107 Resp: 40987
 Ion Ratio Lower Upper
 107 100
 109 95.1 75.1 112.7

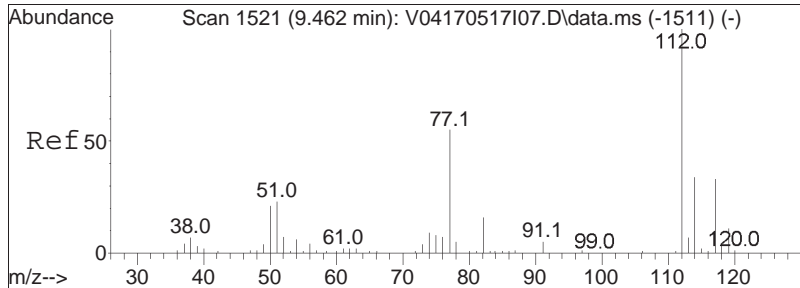




#72
 2-Hexanone
 Concen: 19.41 ug/L
 RT: 9.110 min Scan# 1454
 Delta R.T. -0.006 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

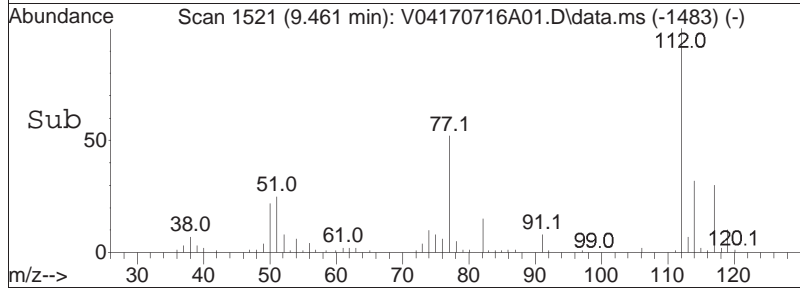
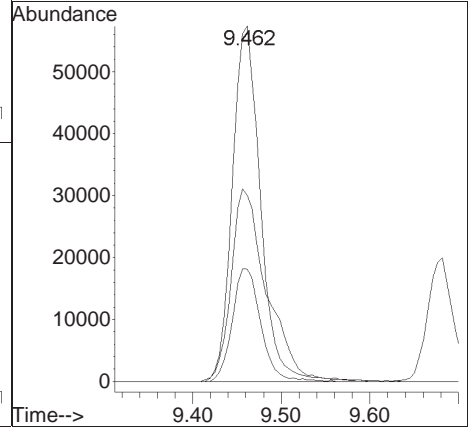
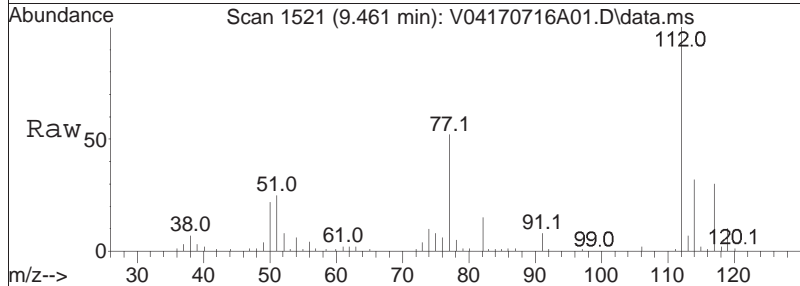
Tgt Ion	Resp	Lower	Upper
43	100		
58	54.6	46.3	69.5
57	18.7	16.1	24.1

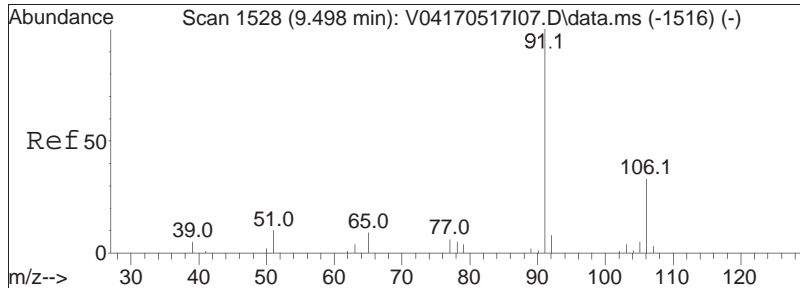




#73
 Chlorobenzene
 Concen: 18.10 ug/L
 RT: 9.461 min Scan# 1521
 Delta R.T. -0.001 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

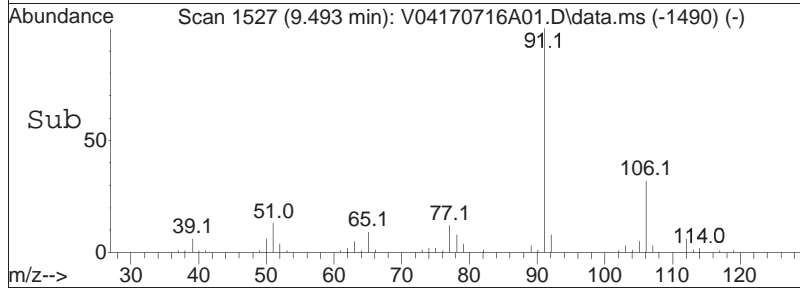
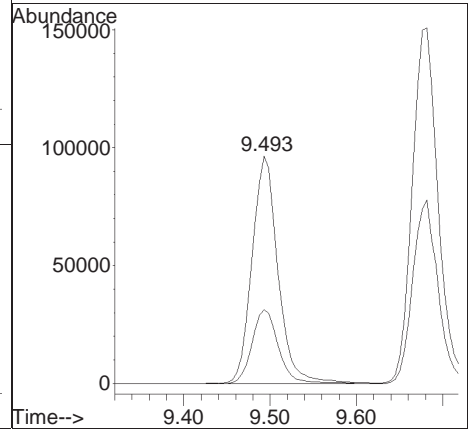
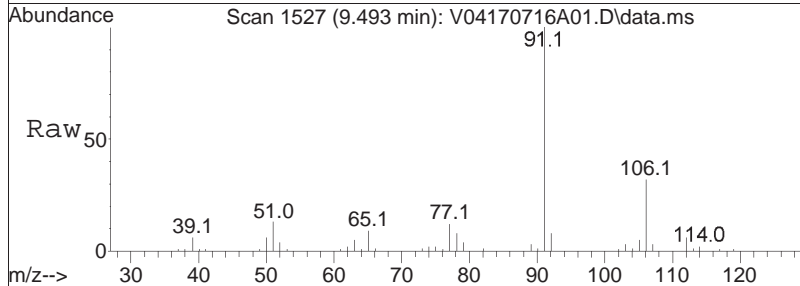
Tgt Ion	Ratio	Lower	Upper
112	100		
77	69.0	54.7	82.1
114	32.1	25.4	38.2

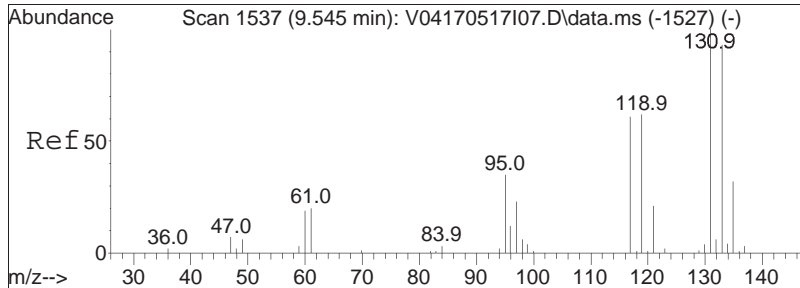




#74
 Ethylbenzene
 Concen: 18.45 ug/L
 RT: 9.493 min Scan# 1527
 Delta R.T. -0.005 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

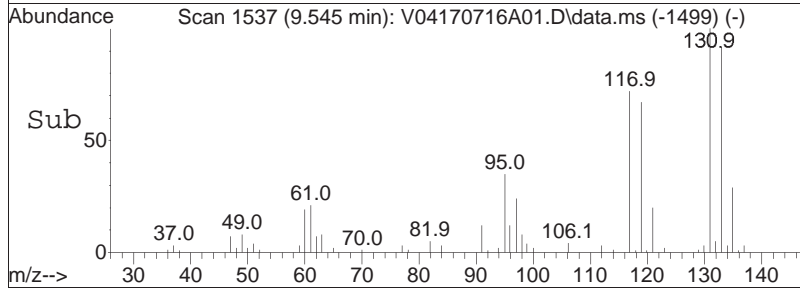
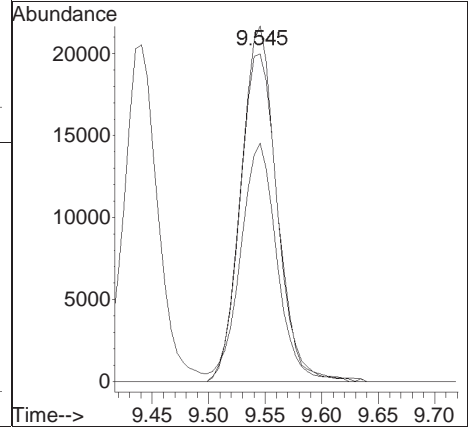
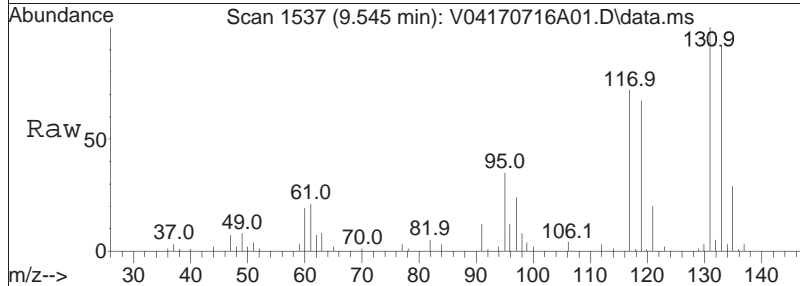
Tgt Ion: 91 Resp: 201839
 Ion Ratio Lower Upper
 91 100
 106 32.7 25.8 38.8

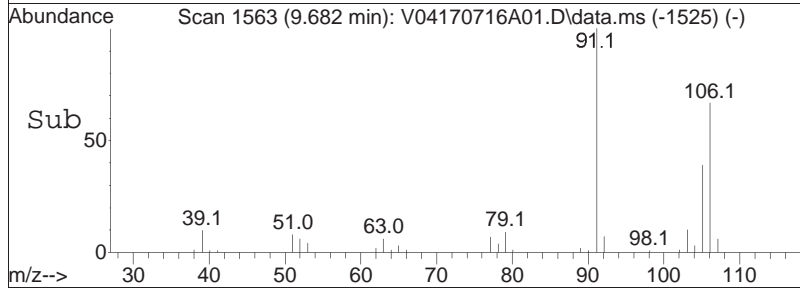
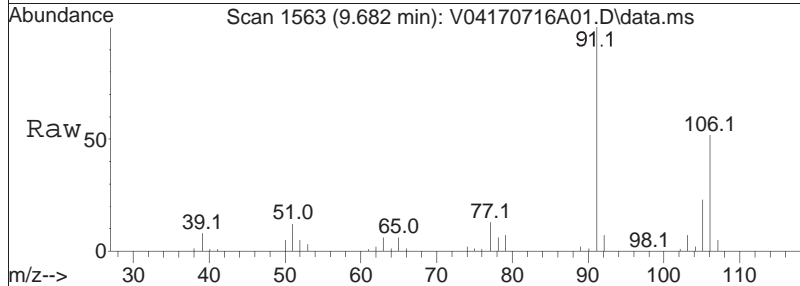
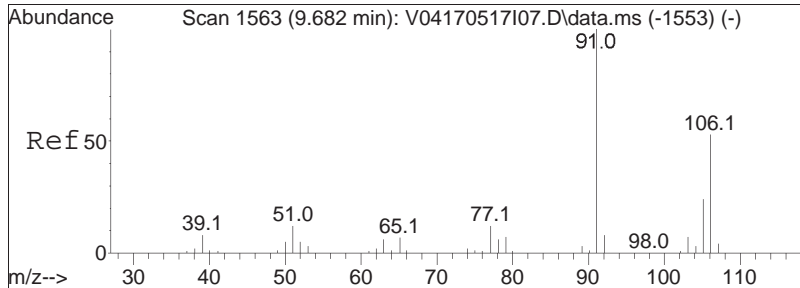




#75
 1,1,1,2-Tetrachloroethane
 Concen: 18.14 ug/L
 RT: 9.545 min Scan# 1537
 Delta R.T. 0.000 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

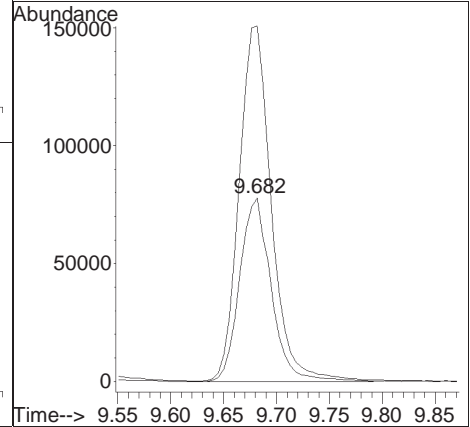
Tgt Ion	Resp	Lower	Upper
131	47827		
131	100		
133	95.9	77.7	117.7
119	68.1	45.6	85.6

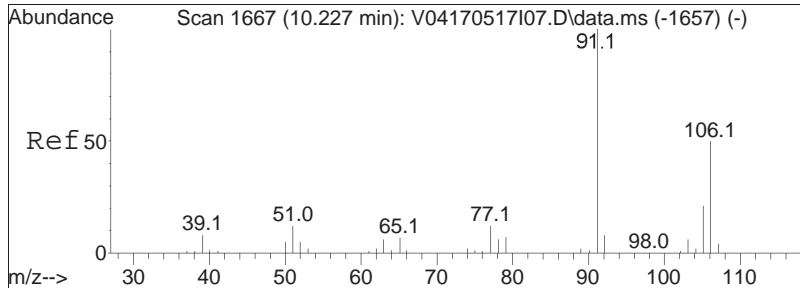




#76
 p/m Xylene
 Concen: 36.39 ug/L
 RT: 9.682 min Scan# 1563
 Delta R.T. -0.000 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

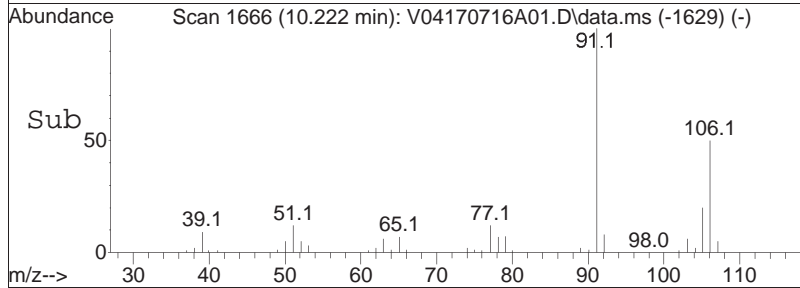
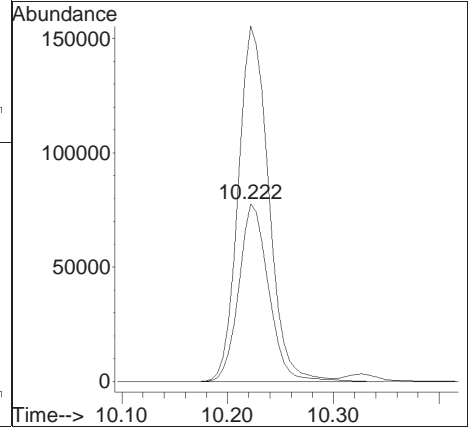
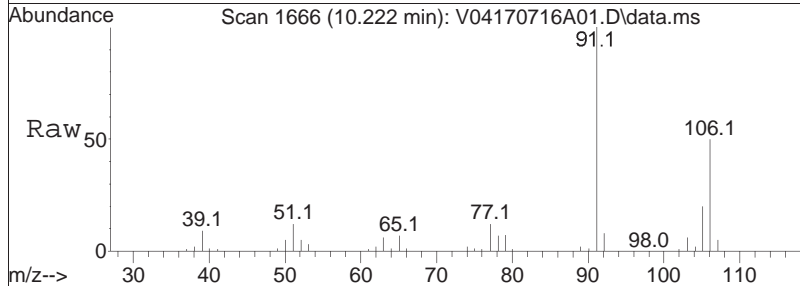
Tgt Ion	Resp	Lower	Upper
106	161236		
91	197.2	155.4	233.0

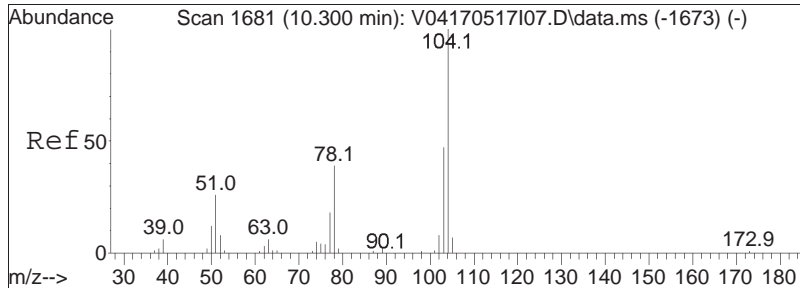




#77
 o Xylene
 Concen: 36.00 ug/L
 RT: 10.222 min Scan# 1666
 Delta R.T. -0.005 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

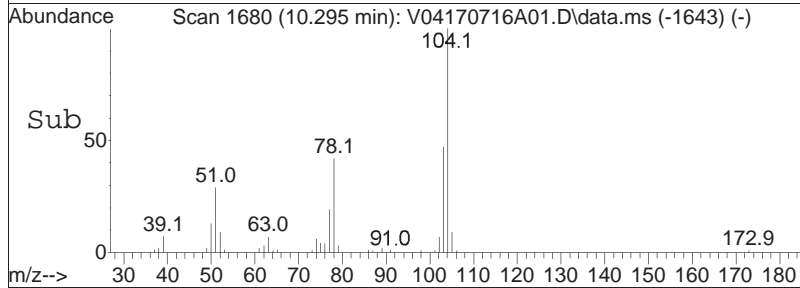
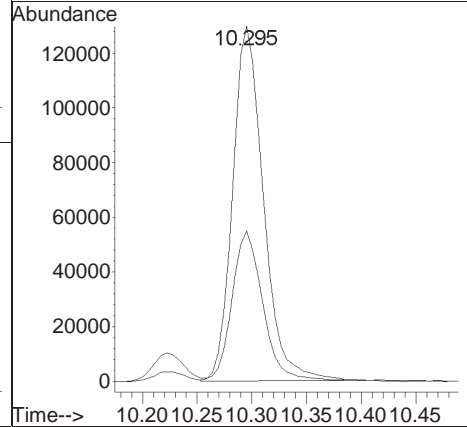
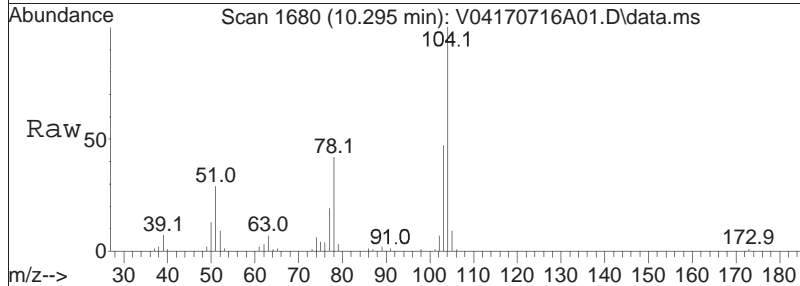
Tgt Ion	Resp	Lower	Upper
106	100		
91	204.1	164.9	247.3

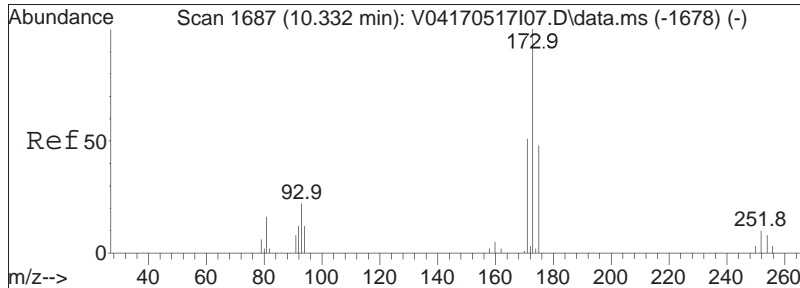




#78
 Styrene
 Concen: 36.01 ug/L
 RT: 10.295 min Scan# 1680
 Delta R.T. -0.005 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

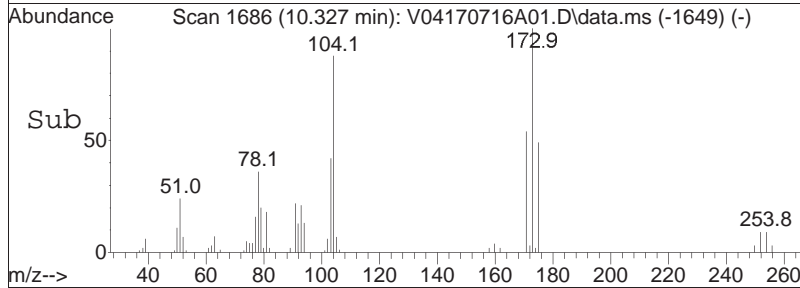
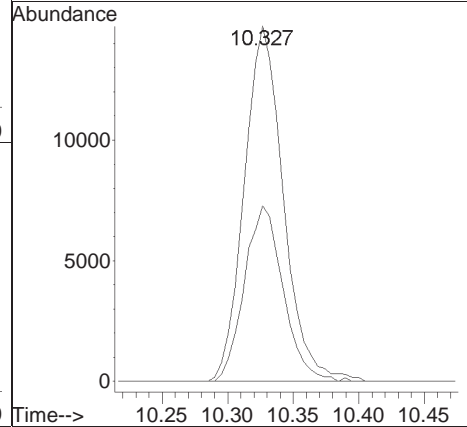
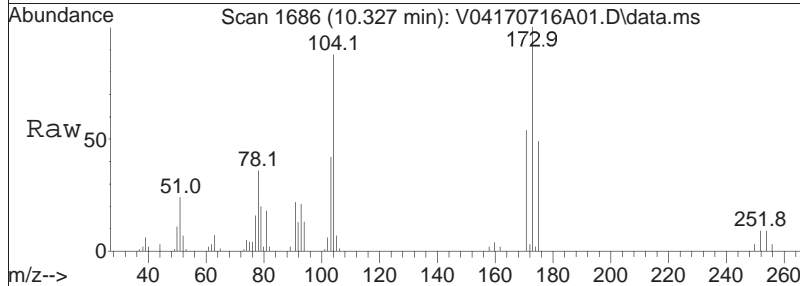
Tgt Ion	104	78	Resp	Lower	Upper
104	100		254016		
78	42.9			33.0	49.4

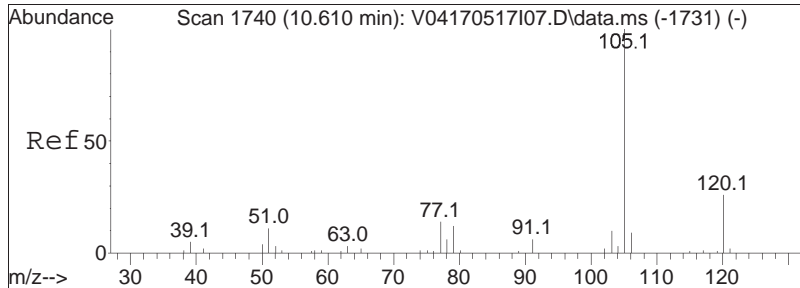




#80
 Bromoform
 Concen: 18.56 ug/L
 RT: 10.327 min Scan# 1686
 Delta R.T. -0.005 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

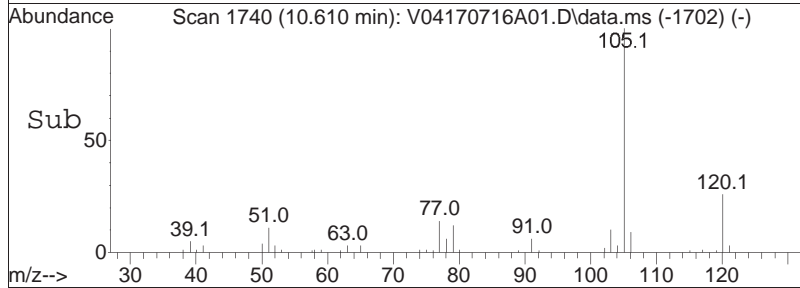
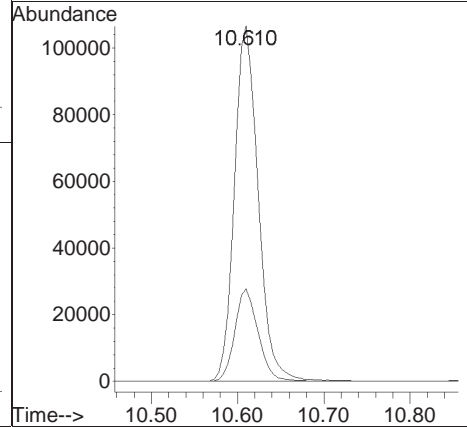
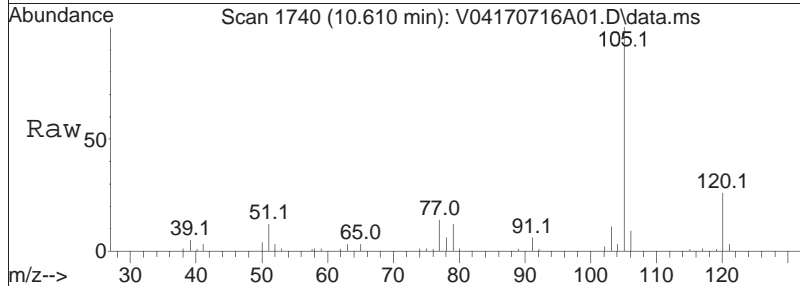
Tgt Ion	Resp	Lower	Upper
173	30610		
173	100		
175	48.9	28.1	68.1

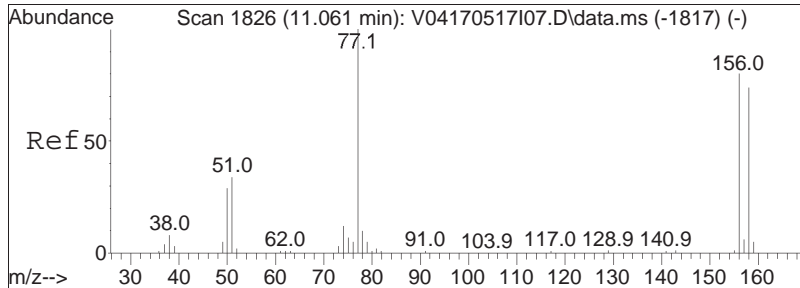




#82
 Isopropylbenzene
 Concen: 19.18 ug/L
 RT: 10.610 min Scan# 1740
 Delta R.T. -0.000 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

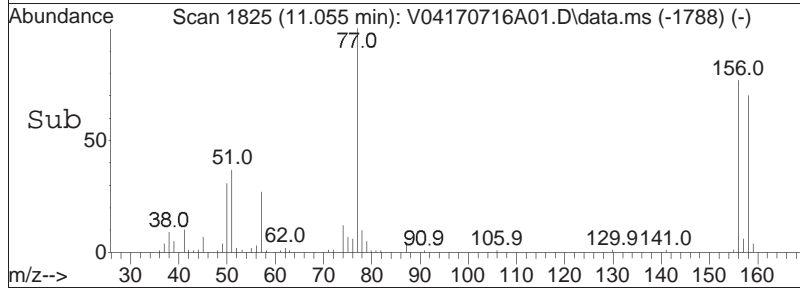
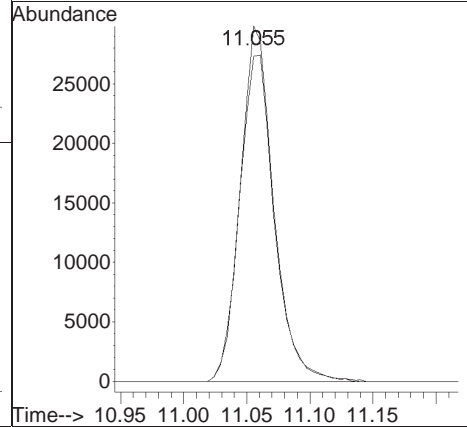
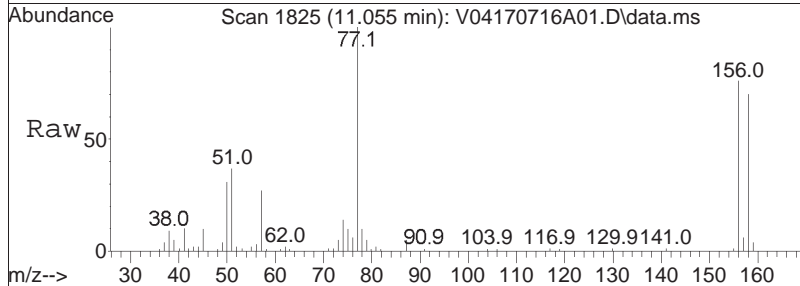
Tgt Ion	Resp	Lower	Upper
105	100		
120	25.5	6.3	46.3

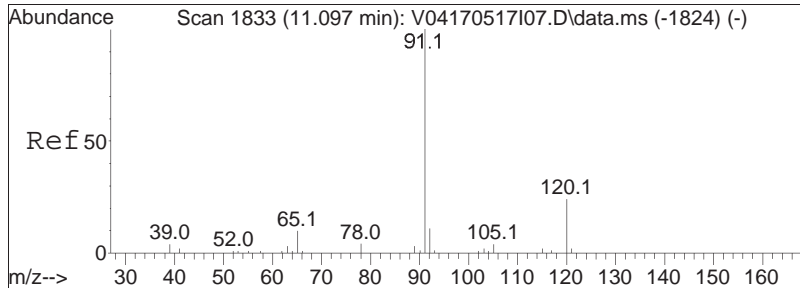




#84
 Bromobenzene
 Concen: 18.67 ug/L
 RT: 11.055 min Scan# 1825
 Delta R.T. -0.006 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

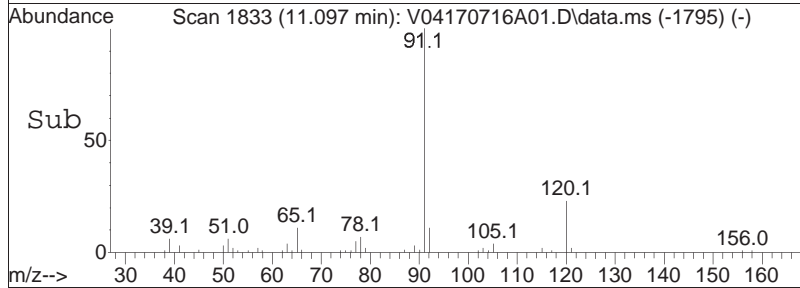
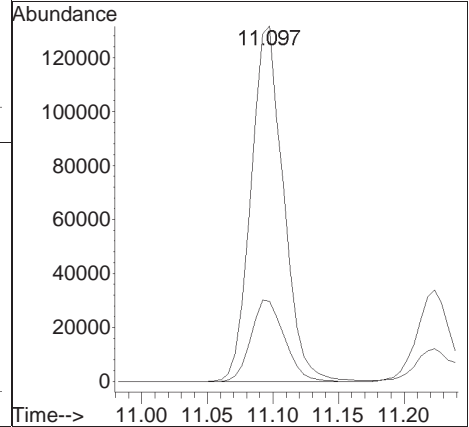
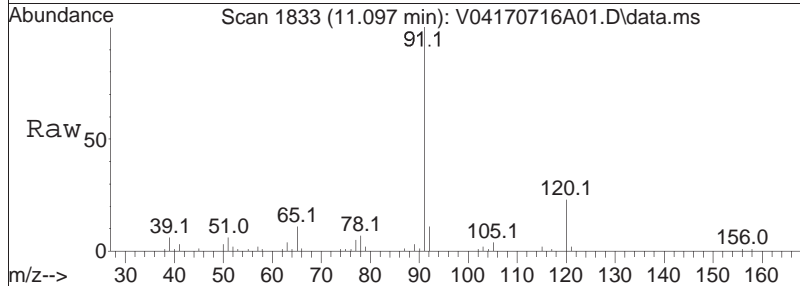
Tgt Ion	Resp	Lower	Upper
156	100		
158	96.1	78.2	117.4

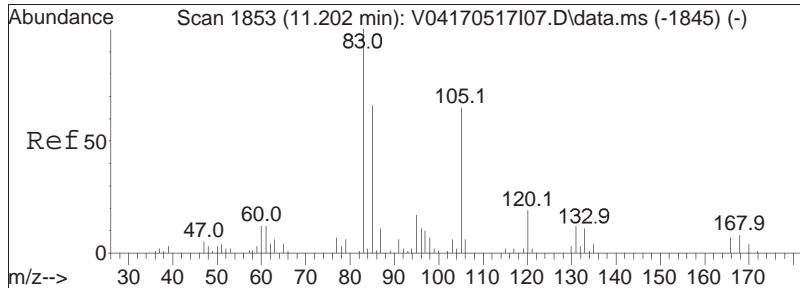




#85
 n-Propylbenzene
 Concen: 19.11 ug/L
 RT: 11.097 min Scan# 1833
 Delta R.T. 0.000 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

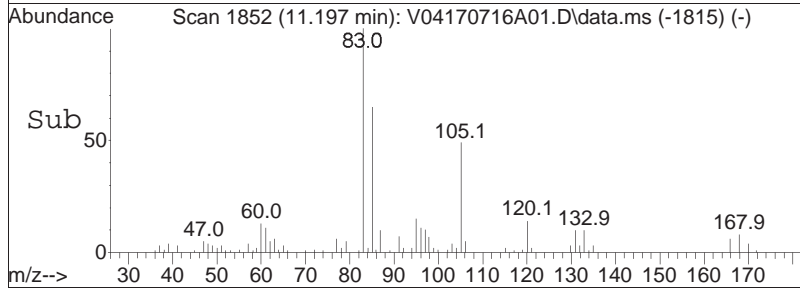
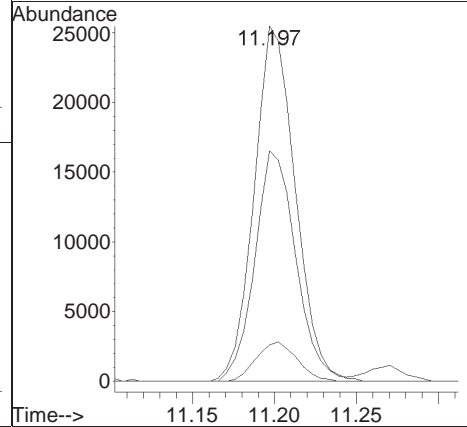
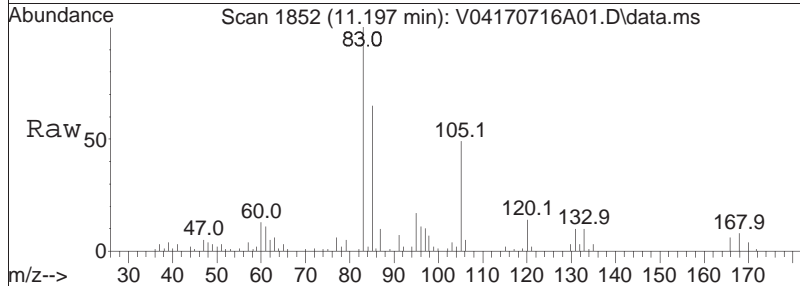
Tgt Ion: 91 Resp: 226218
 Ion Ratio Lower Upper
 91 100
 120 23.5 19.1 28.7

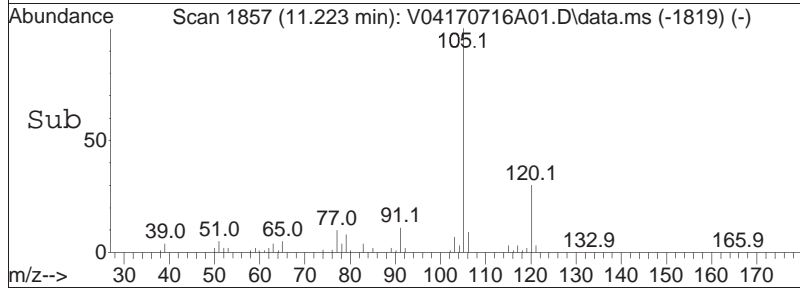
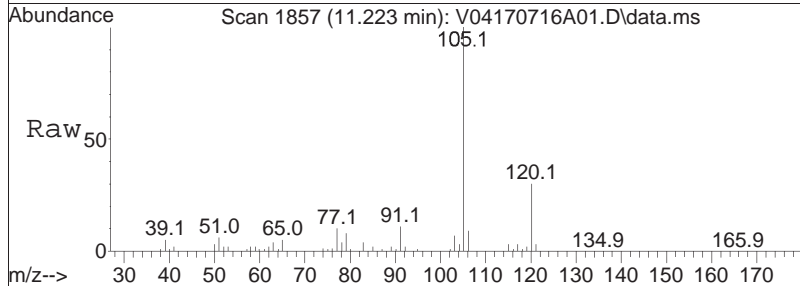
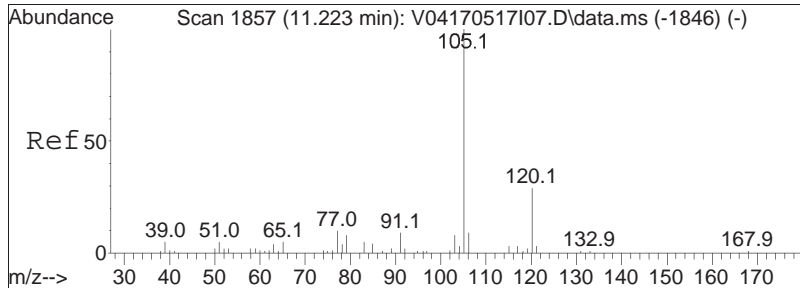




#87
 1,1,2,2-Tetrachloroethane
 Concen: 18.65 ug/L
 RT: 11.197 min Scan# 1852
 Delta R.T. -0.005 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

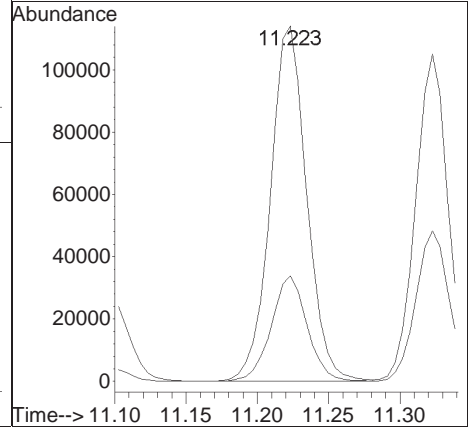
Tgt Ion:	83	Resp:	44456
Ion Ratio	Lower	Upper	
83	100		
131	11.0	0.0	30.9
85	64.8	45.3	85.3

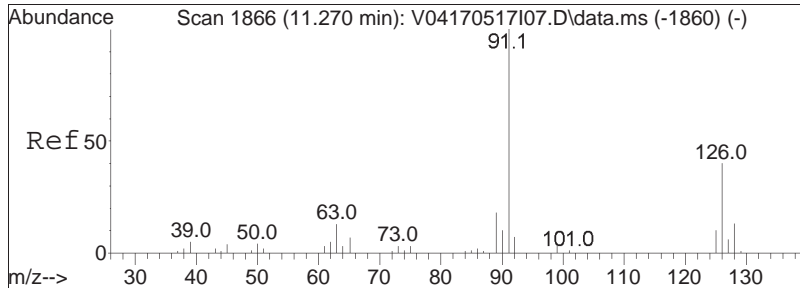




#88
 4-Ethyltoluene
 Concen: 19.68 ug/L
 RT: 11.223 min Scan# 1857
 Delta R.T. 0.000 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

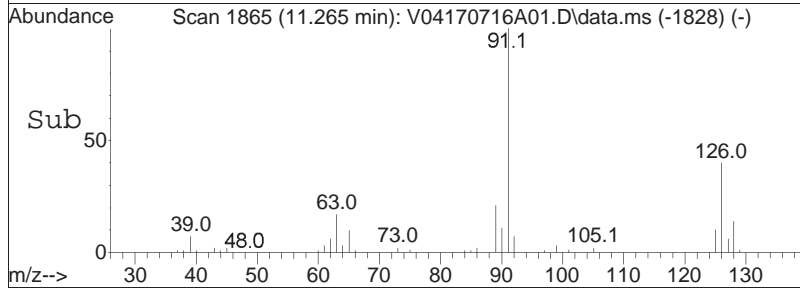
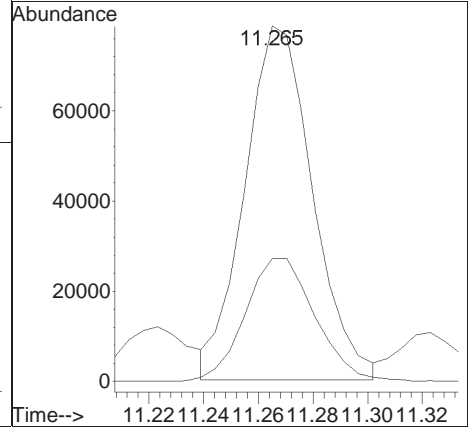
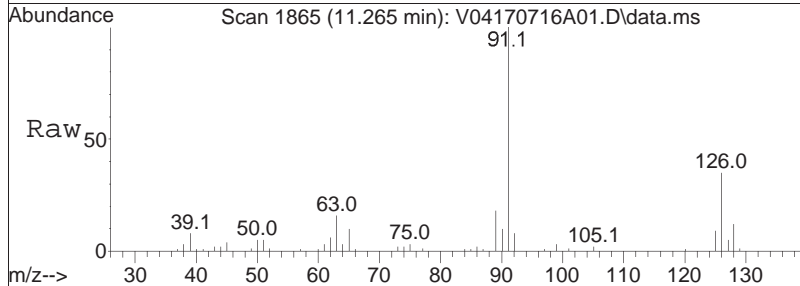
Tgt Ion	Resp	Lower	Upper
105	100		
120	29.3	19.5	40.5

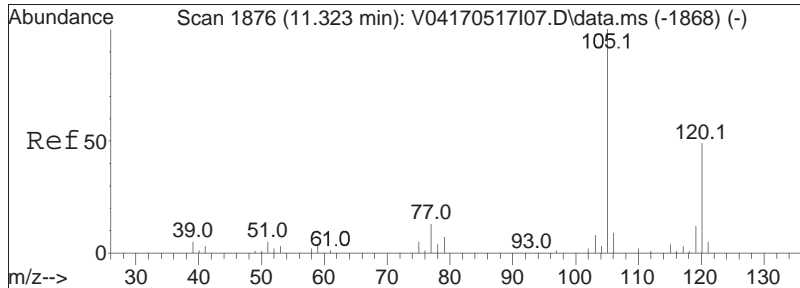




#89
 2-Chlorotoluene
 Concen: 18.87 ug/L
 RT: 11.265 min Scan# 1865
 Delta R.T. -0.005 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

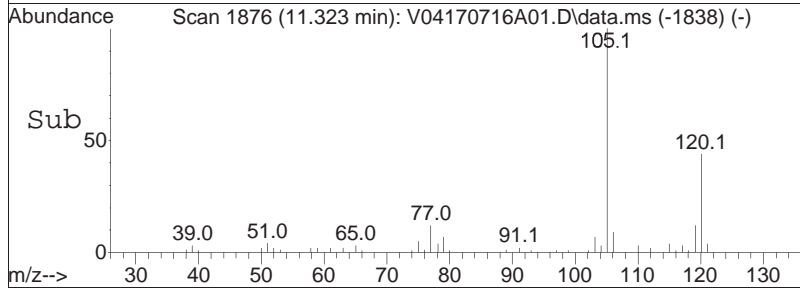
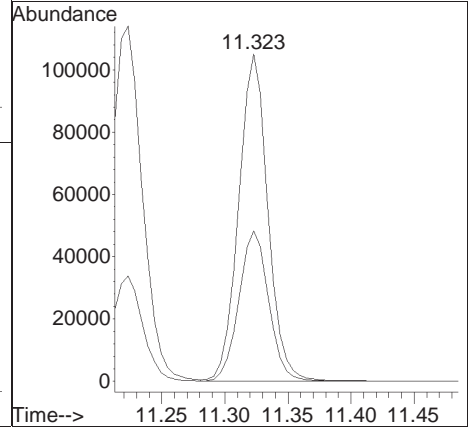
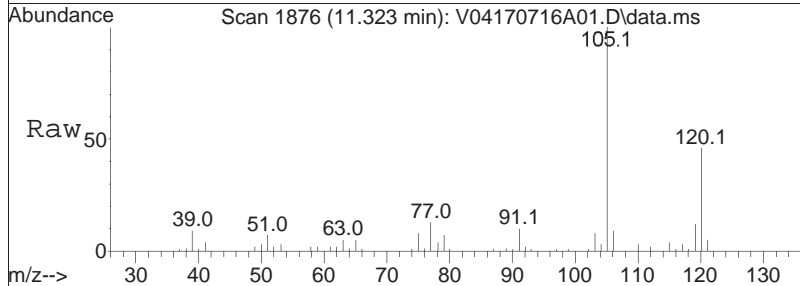
Tgt Ion:	Resp:		
Ion	Ratio	Lower	Upper
91	100		
126	35.8	29.4	44.0

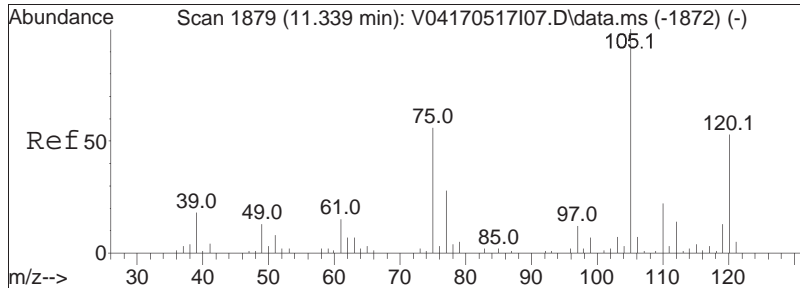




#90
 1,3,5-Trimethylbenzene
 Concen: 18.98 ug/L
 RT: 11.323 min Scan# 1876
 Delta R.T. -0.000 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

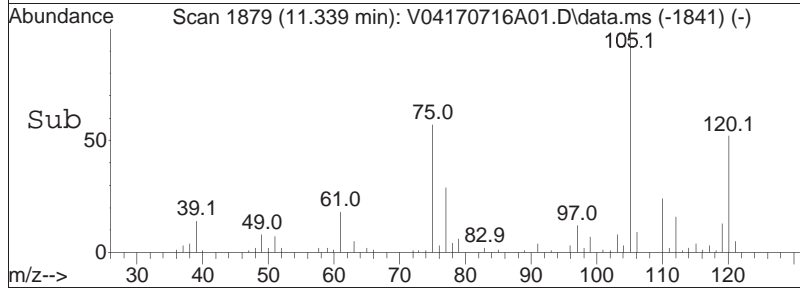
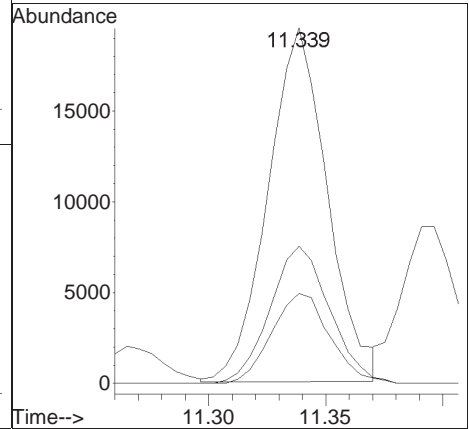
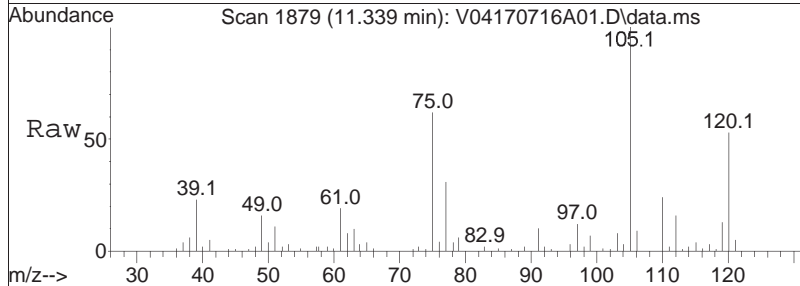
Tgt Ion	Resp	Lower	Upper
105	100		
120	46.9	38.9	58.3

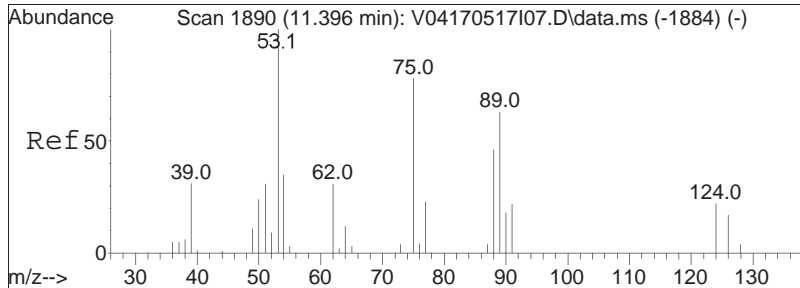




#91
 1,2,3-Trichloropropane
 Concen: 19.60 ug/L
 RT: 11.339 min Scan# 1879
 Delta R.T. -0.001 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

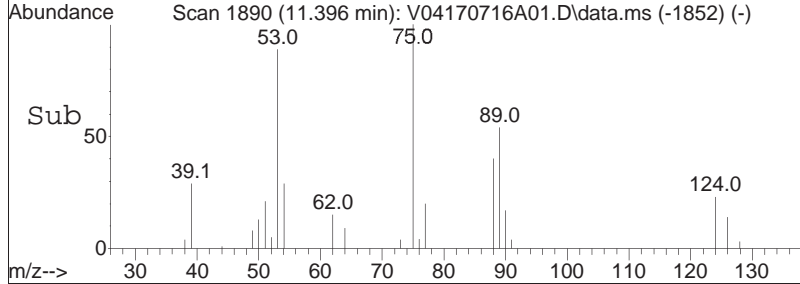
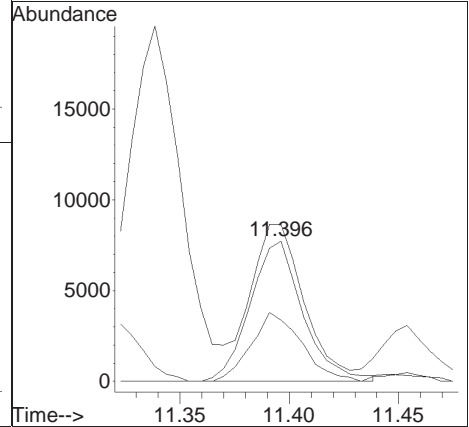
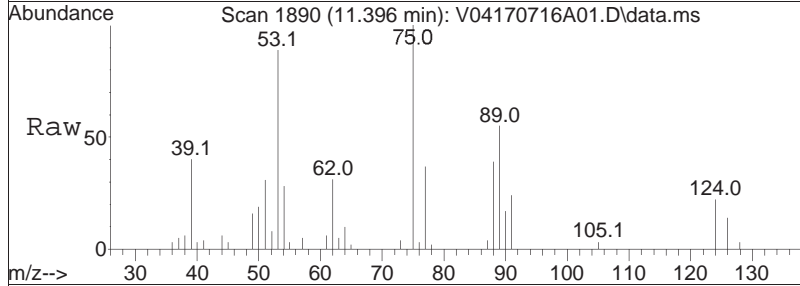
Tgt Ion:	Resp:		
75	100		
110	38.9	23.7	49.3
112	24.9	15.0	31.2

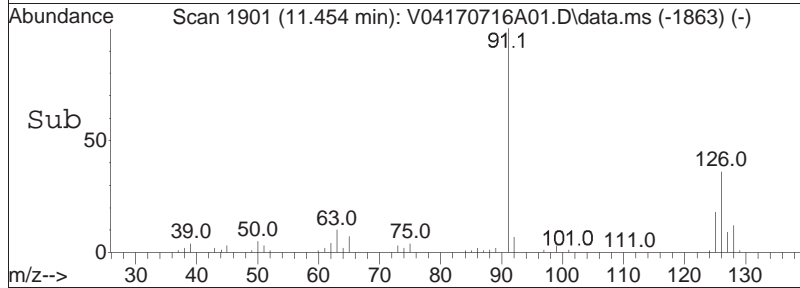
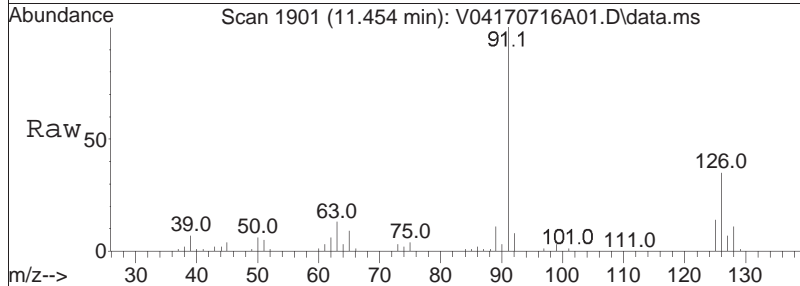
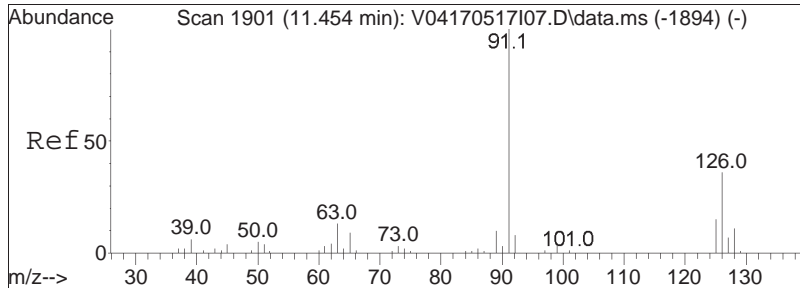




#92
 trans-1,4-Dichloro-2-butene
 Concen: 19.80 ug/L
 RT: 11.396 min Scan# 1890
 Delta R.T. 0.000 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

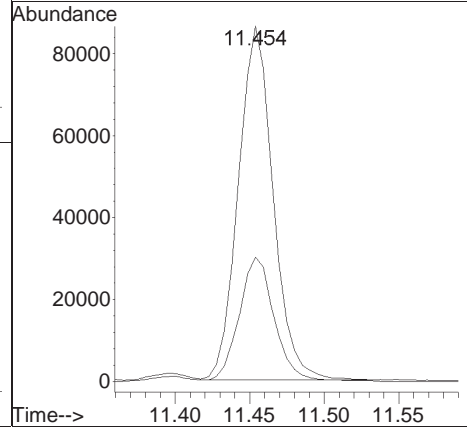
Tgt Ion:	Resp:		
Ion	Ratio	Lower	Upper
53	100		
88	46.9	33.1	49.7
75	109.6	89.1	133.7

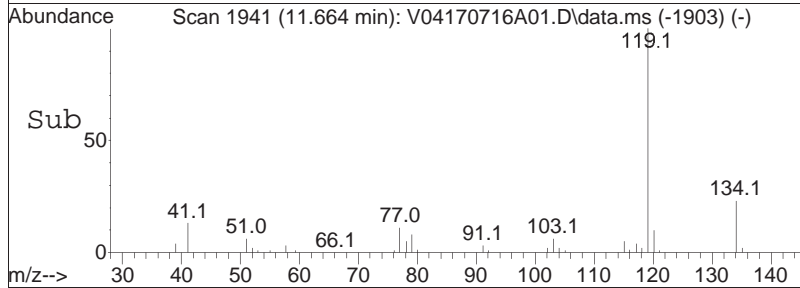
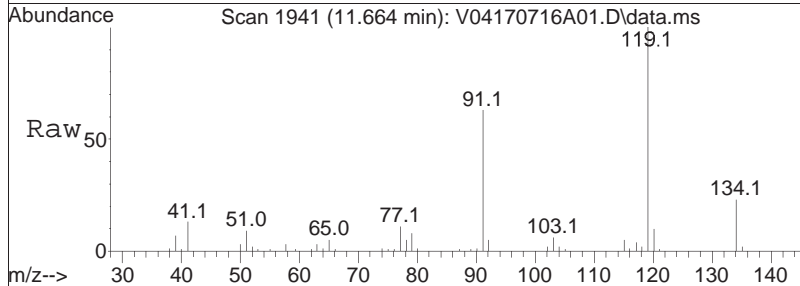
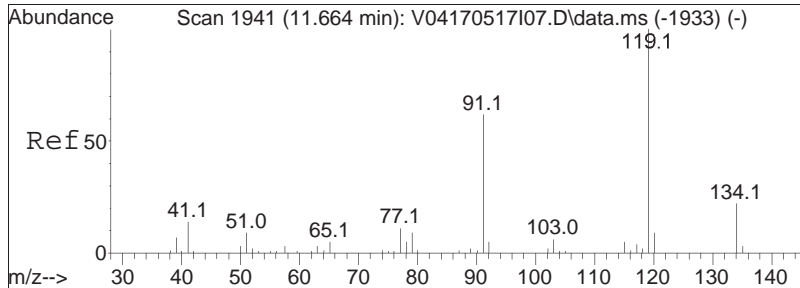




#93
 4-Chlorotoluene
 Concen: 19.38 ug/L
 RT: 11.454 min Scan# 1901
 Delta R.T. -0.000 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

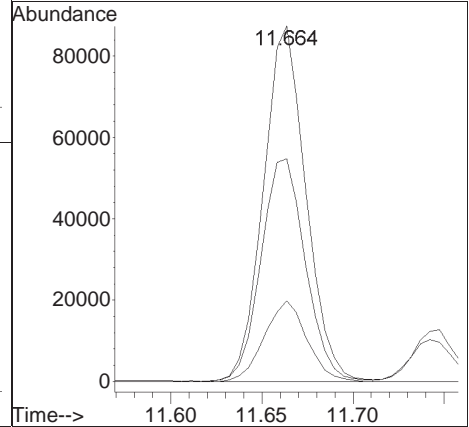
Tgt Ion:	91	126	Resp:	140365
Ion Ratio	100	35.5	Lower	Upper
			28.9	43.3

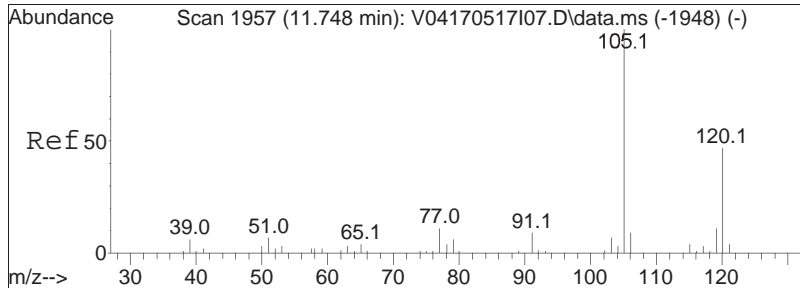




#94
 tert-Butylbenzene
 Concen: 18.88 ug/L
 RT: 11.664 min Scan# 1941
 Delta R.T. -0.000 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

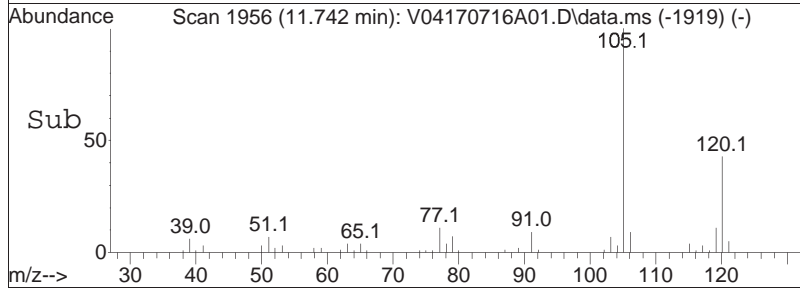
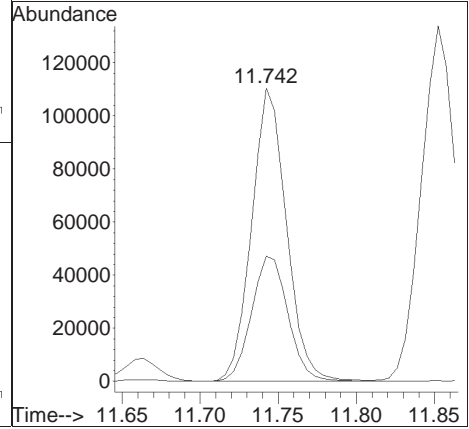
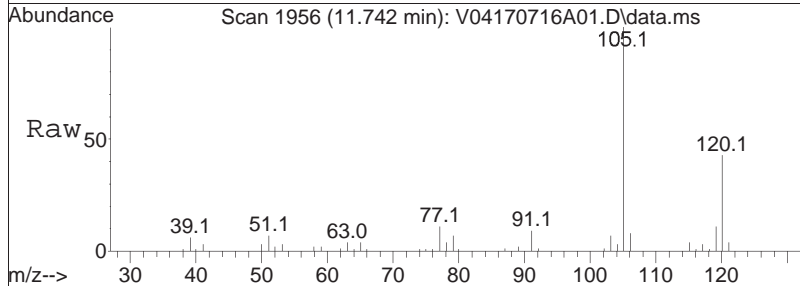
Tgt Ion	Ratio	Lower	Upper
119	100		
91	65.5	51.4	77.0
134	22.6	19.8	29.6

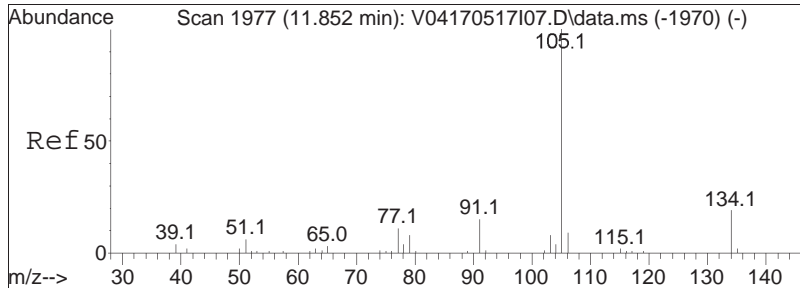




#97
 1,2,4-Trimethylbenzene
 Concen: 19.23 ug/L
 RT: 11.742 min Scan# 1956
 Delta R.T. -0.006 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

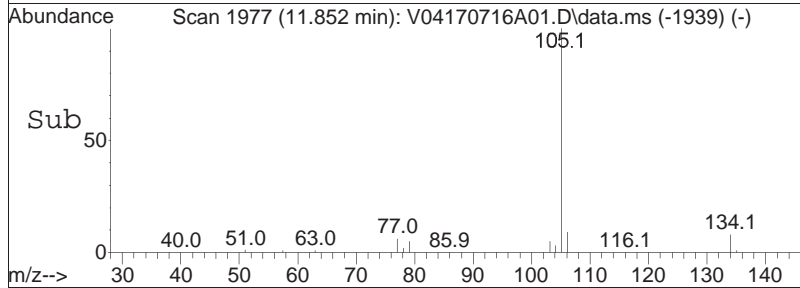
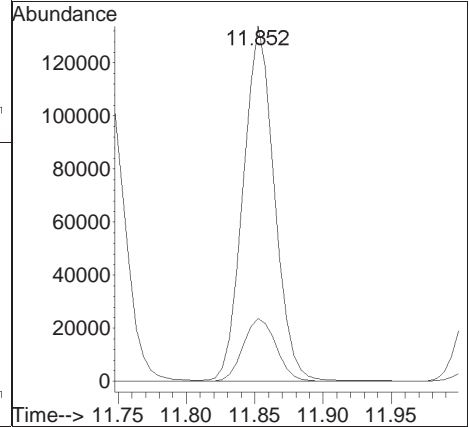
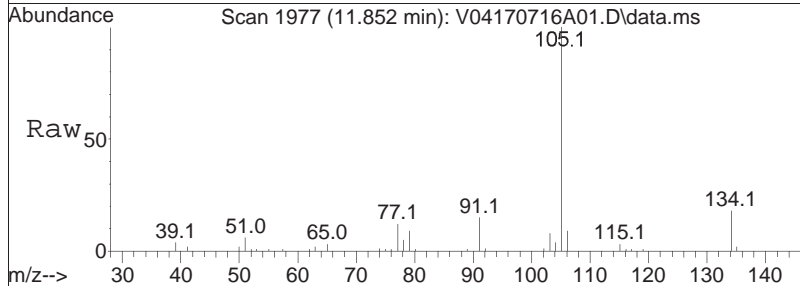
Tgt Ion	Resp	Lower	Upper
105	100		
120	44.8	36.8	55.2

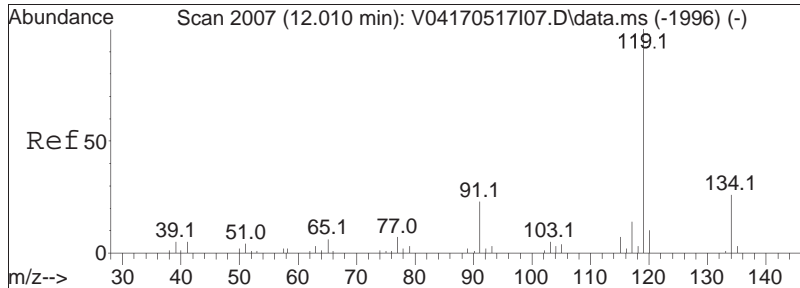




#98
 sec-Butylbenzene
 Concen: 19.01 ug/L
 RT: 11.852 min Scan# 1977
 Delta R.T. 0.000 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

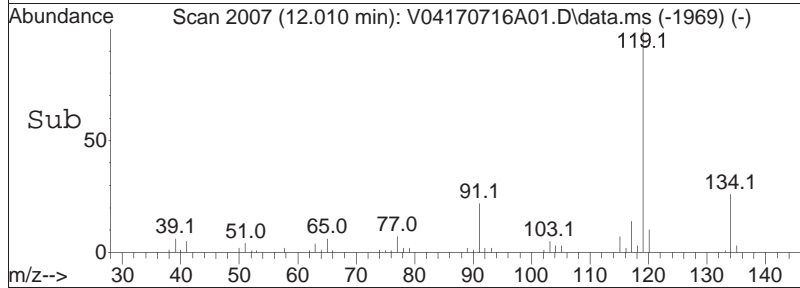
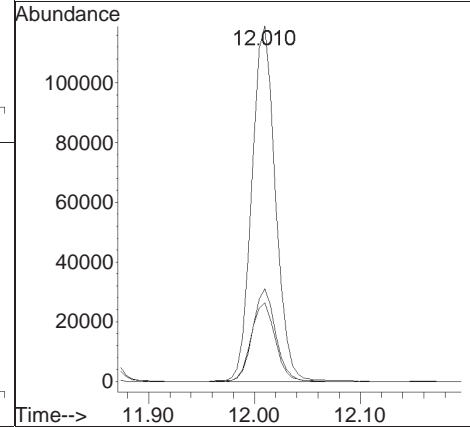
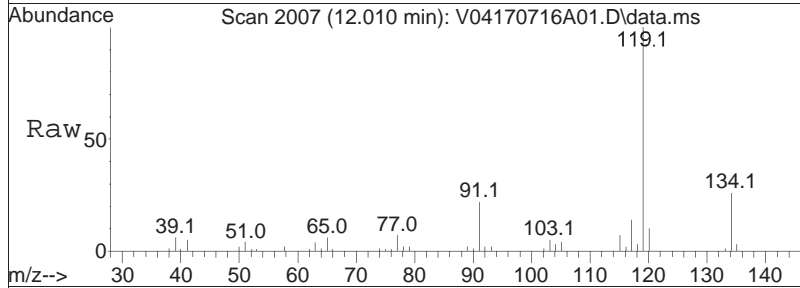
Tgt Ion	Ratio	Lower	Upper
105	100		
134	18.8	12.9	26.9

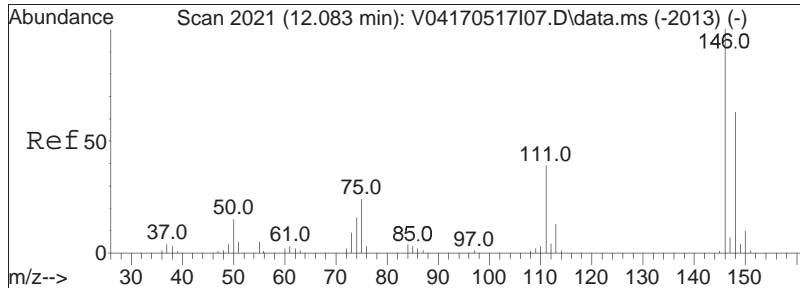




#99
 p-Isopropyltoluene
 Concen: 19.26 ug/L
 RT: 12.010 min Scan# 2007
 Delta R.T. -0.000 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

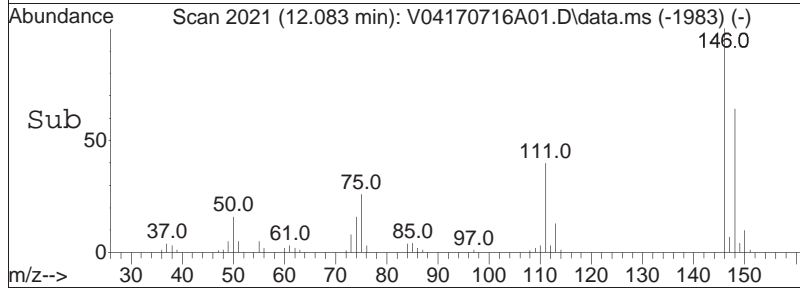
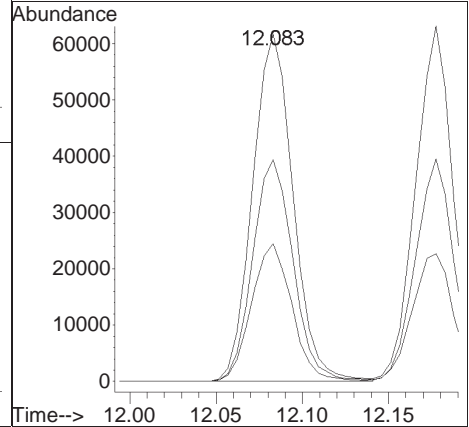
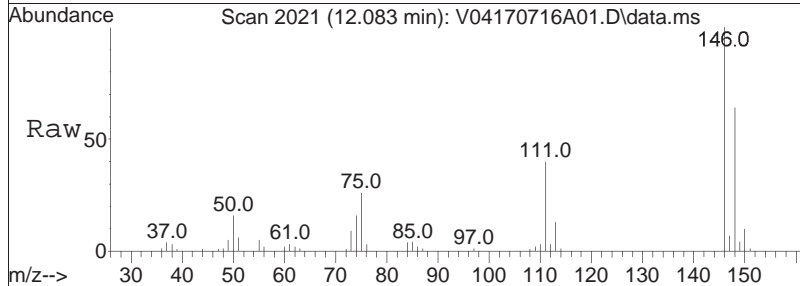
Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.2	17.2	35.8
91	22.6	14.4	30.0

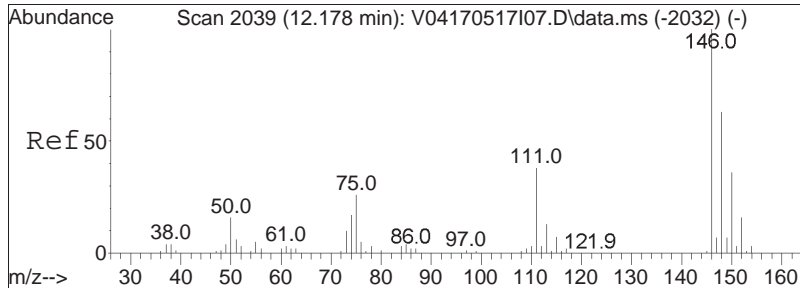




#100
 1,3-Dichlorobenzene
 Concen: 18.74 ug/L
 RT: 12.083 min Scan# 2021
 Delta R.T. 0.000 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

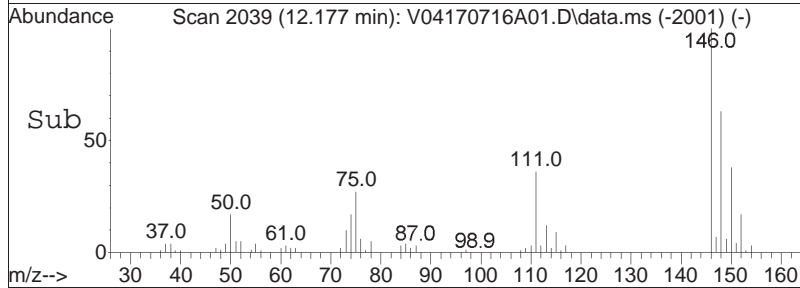
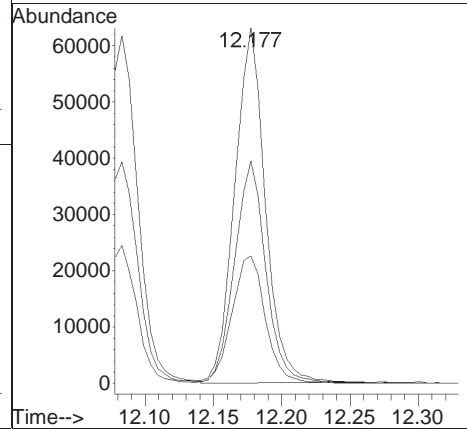
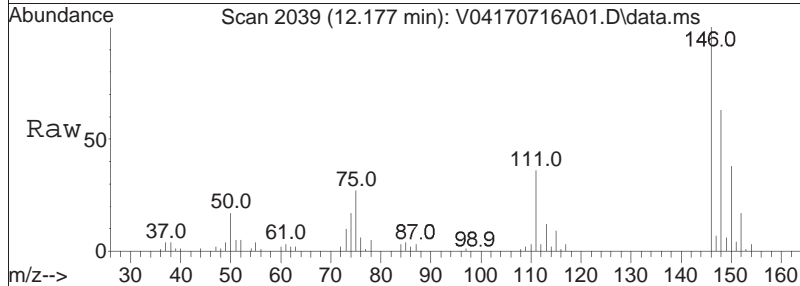
Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.5	24.8	51.6
148	63.7	41.2	85.6

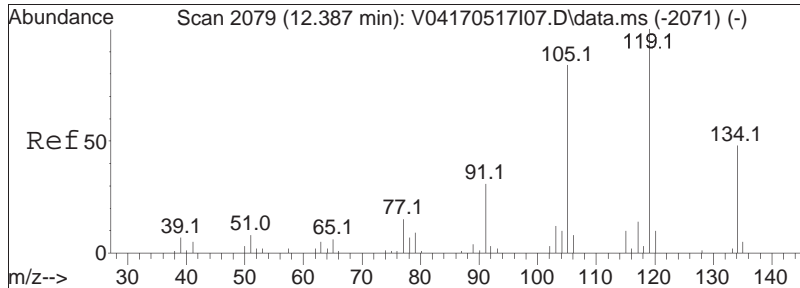




#101
 1,4-Dichlorobenzene
 Concen: 17.94 ug/L
 RT: 12.177 min Scan# 2039
 Delta R.T. -0.001 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

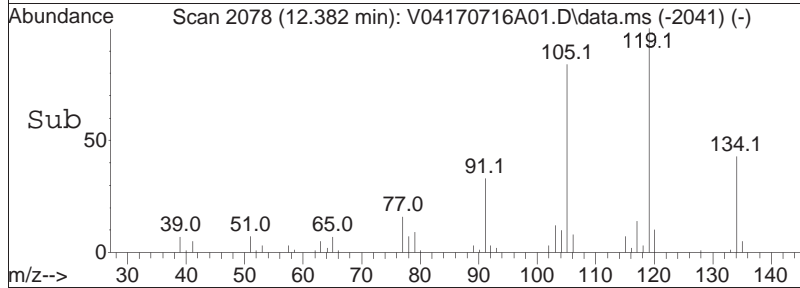
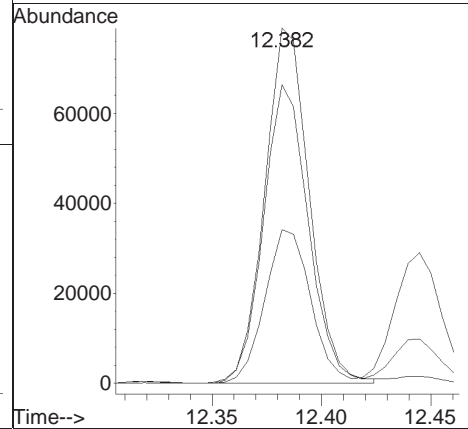
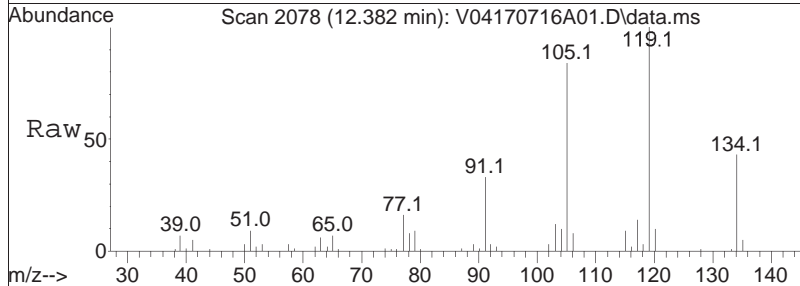
Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.4	30.6	45.8
148	64.5	51.0	76.4

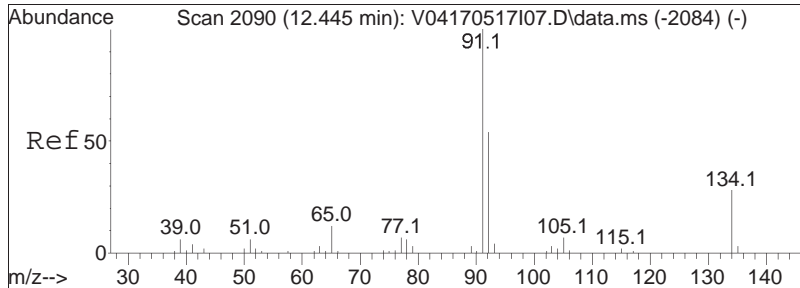




#102
 p-Diethylbenzene
 Concen: 19.94 ug/L
 RT: 12.382 min Scan# 2078
 Delta R.T. -0.005 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

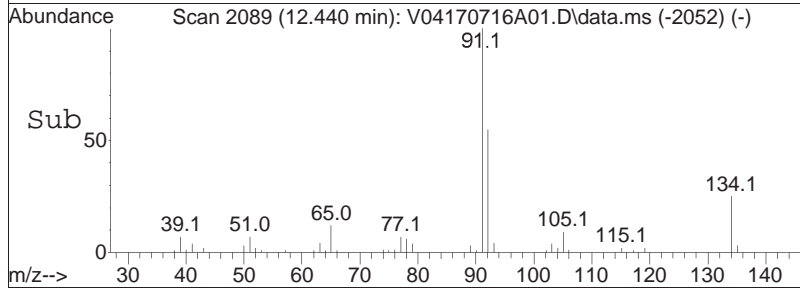
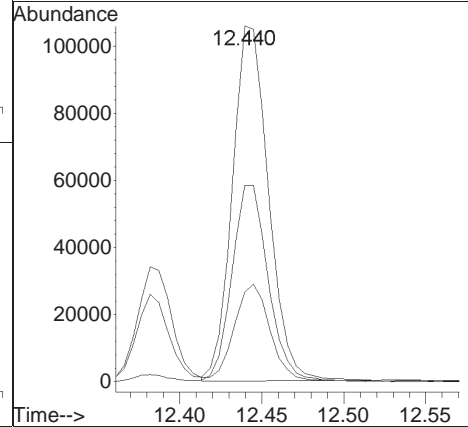
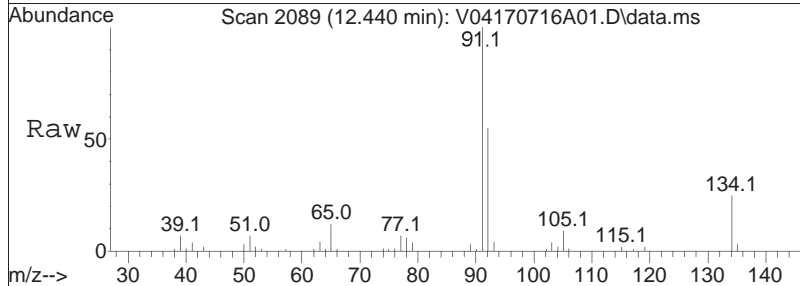
Tgt Ion	Resp	Lower	Upper
119	112203		
119	100		
105	84.6	55.3	114.8
134	44.5	30.7	63.9

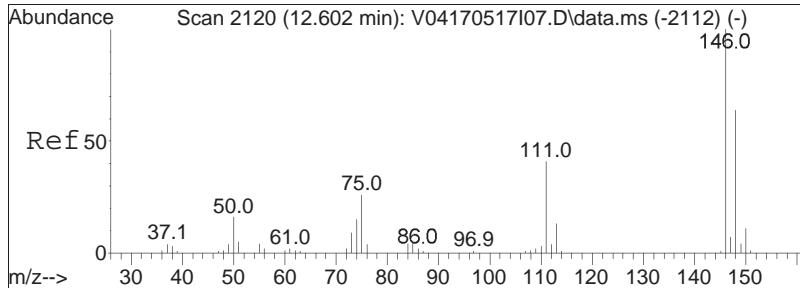




#103
 n-Butylbenzene
 Concen: 19.43 ug/L
 RT: 12.440 min Scan# 2089
 Delta R.T. -0.005 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

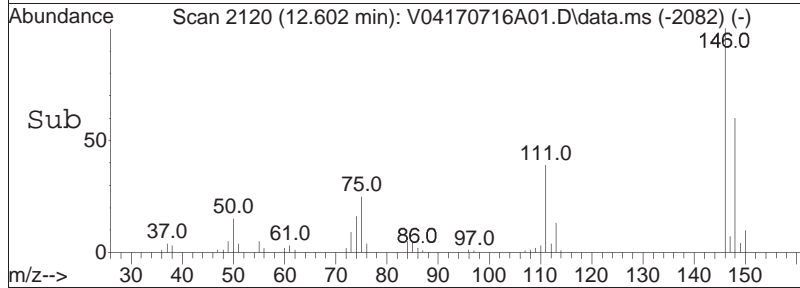
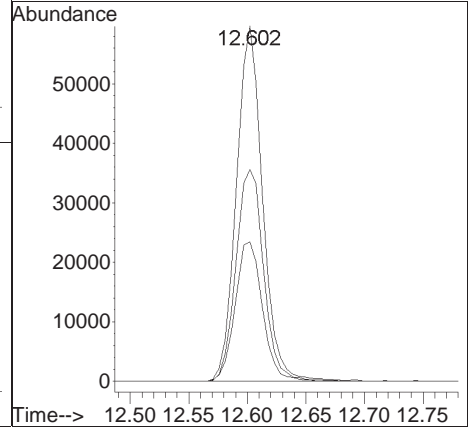
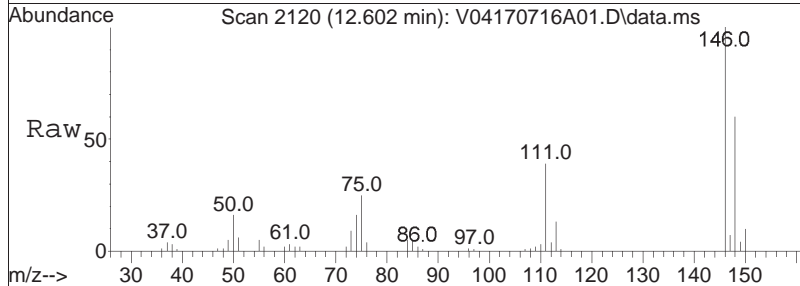
Tgt Ion:	91	92	134	Resp:	162650	Lower	Upper
Ion Ratio	100	55.5	27.3			45.0	67.4
						23.4	35.0

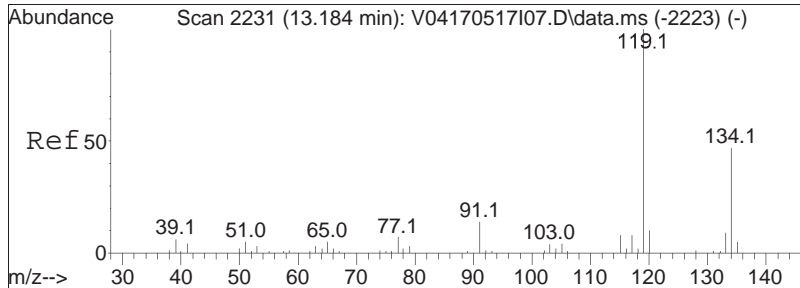




#104
 1,2-Dichlorobenzene
 Concen: 18.62 ug/L
 RT: 12.602 min Scan# 2120
 Delta R.T. 0.000 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

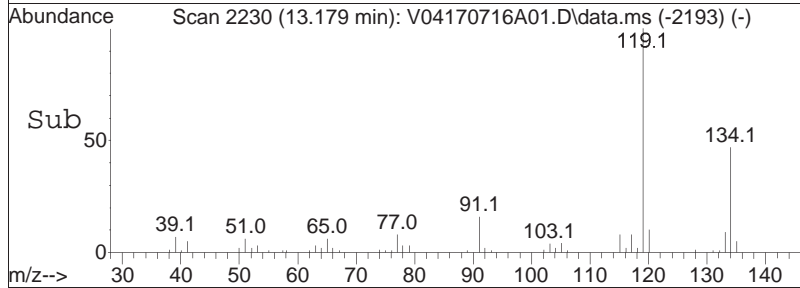
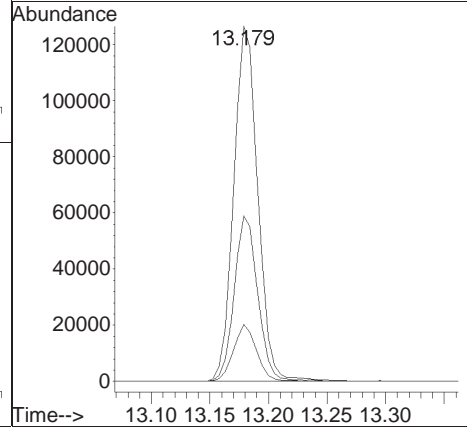
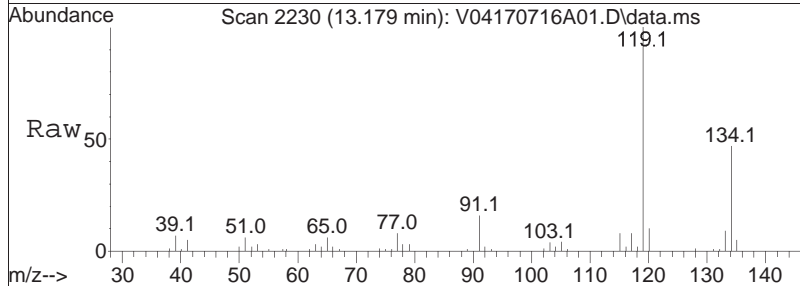
Tgt Ion	Resp	Lower	Upper
146	100		
111	40.9	25.9	53.7
148	63.0	41.5	86.1

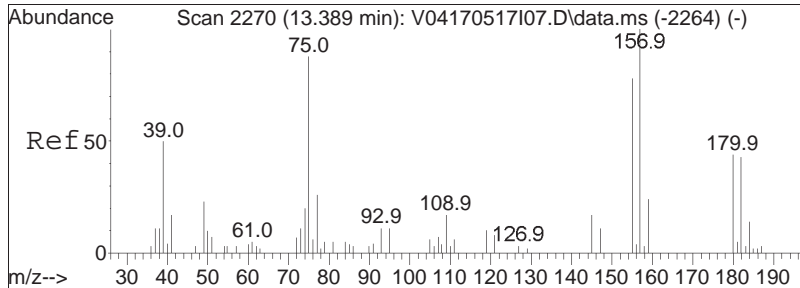




#105
 1,2,4,5-Tetramethylbenzene
 Concen: 19.68 ug/L
 RT: 13.179 min Scan# 2230
 Delta R.T. -0.005 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

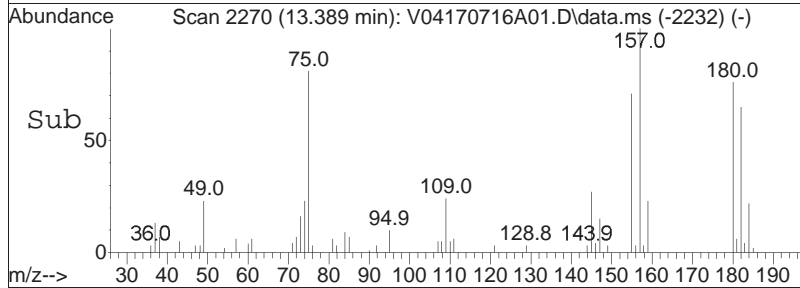
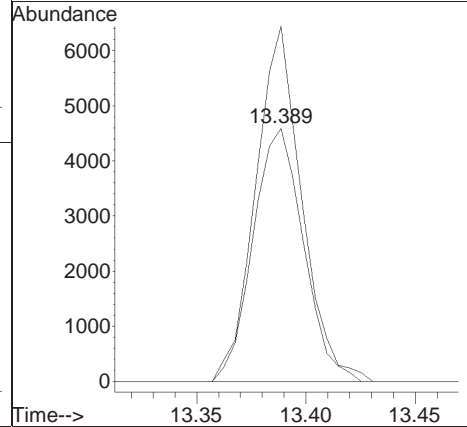
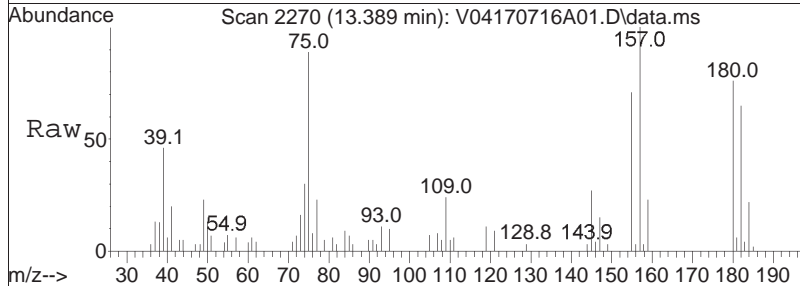
Tgt Ion	Ratio	Lower	Upper
119	100		
134	45.6	31.6	65.6
91	15.4	9.8	20.3

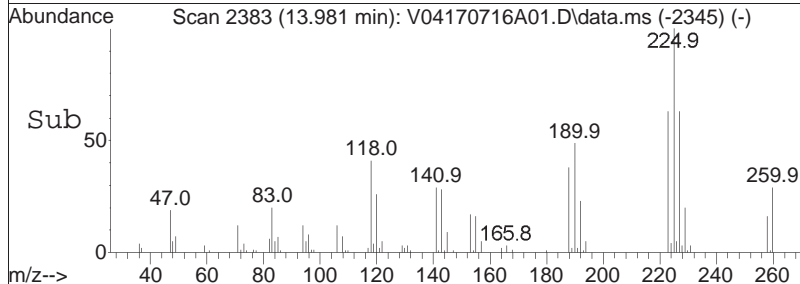
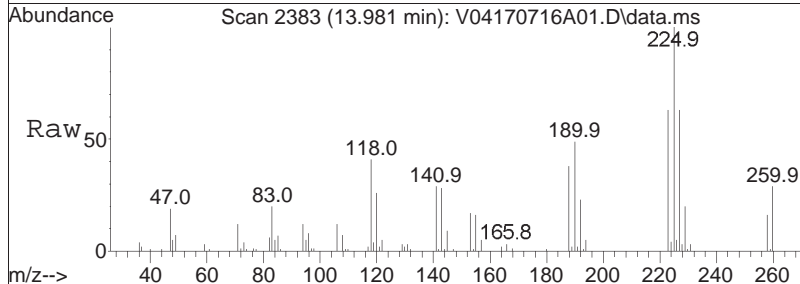
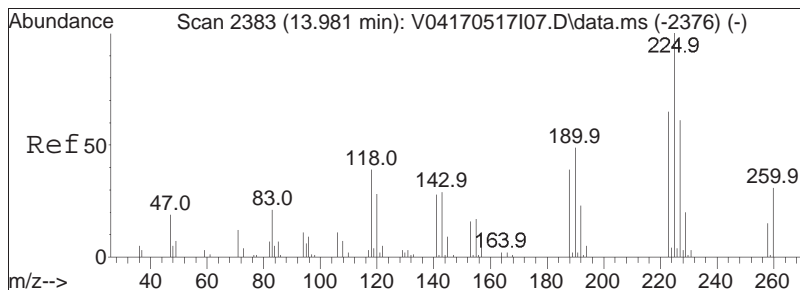




#106
 1,2-Dibromo-3-chloropropane
 Concen: 17.94 ug/L
 RT: 13.389 min Scan# 2270
 Delta R.T. -0.000 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

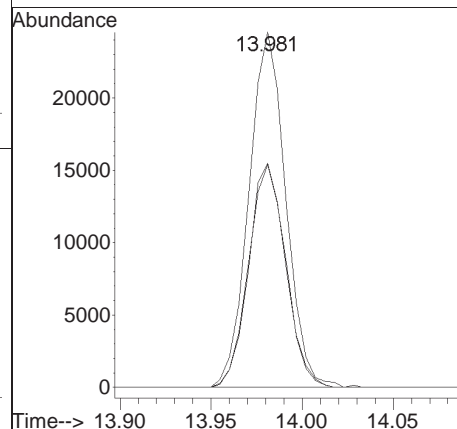
Tgt Ion	Resp	Lower	Upper
155	100		
157	128.2	104.3	156.5

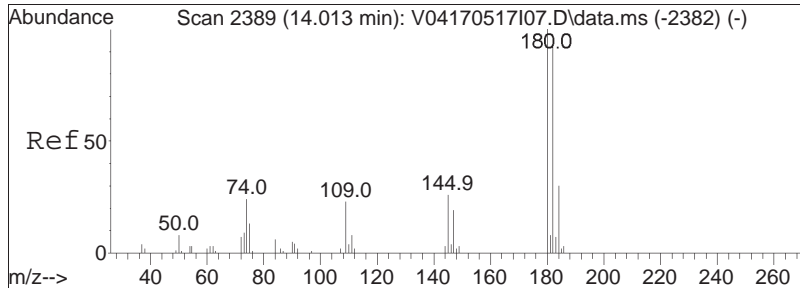




#108
 Hexachlorobutadiene
 Concen: 18.45 ug/L
 RT: 13.981 min Scan# 2383
 Delta R.T. 0.000 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

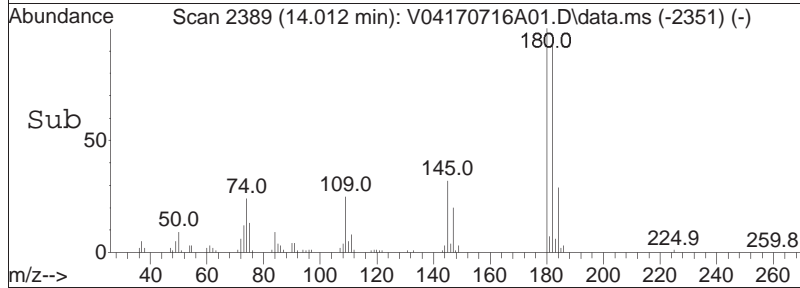
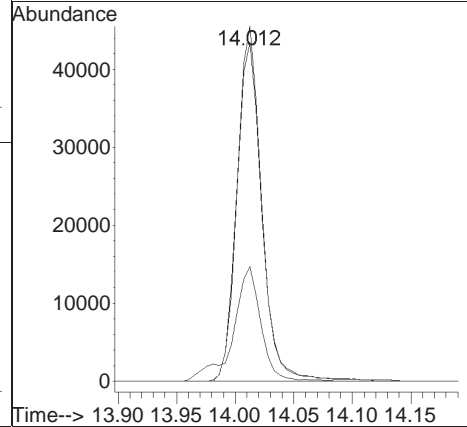
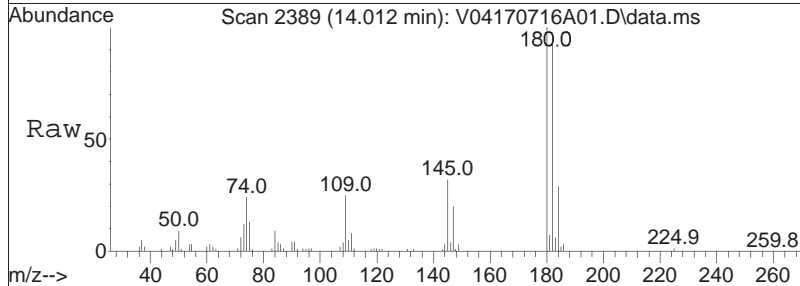
Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	50.2	75.2
227	63.4	51.0	76.6

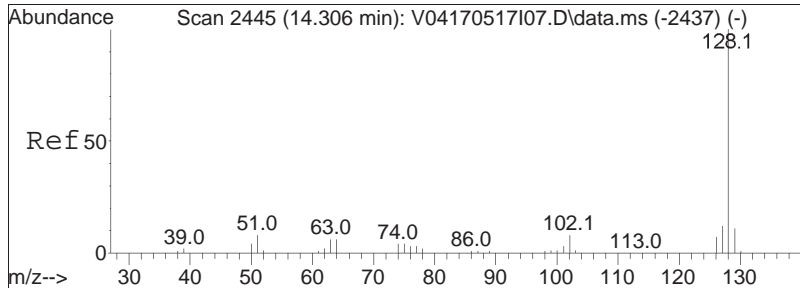




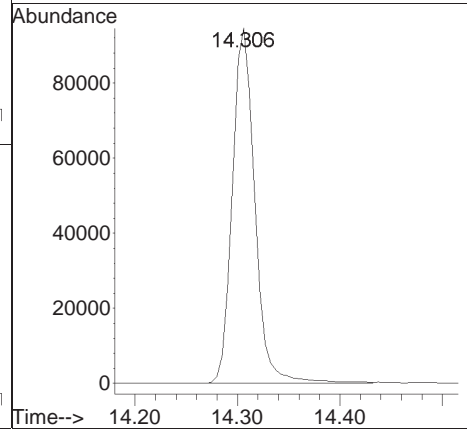
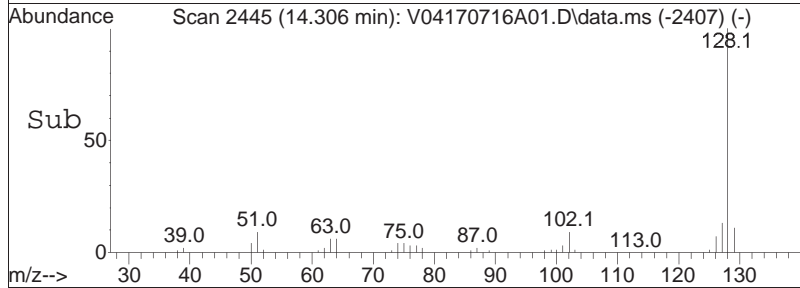
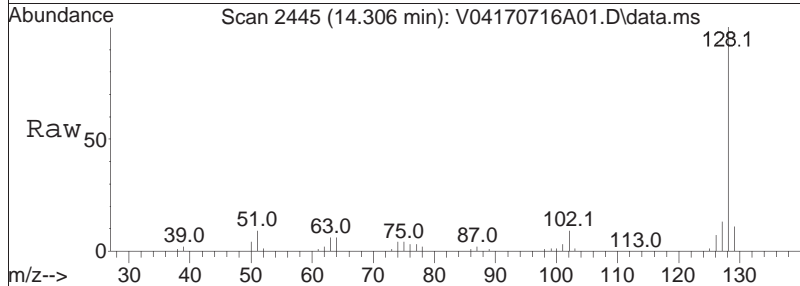
#109
 1,2,4-Trichlorobenzene
 Concen: 18.16 ug/L
 RT: 14.012 min Scan# 2389
 Delta R.T. -0.001 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

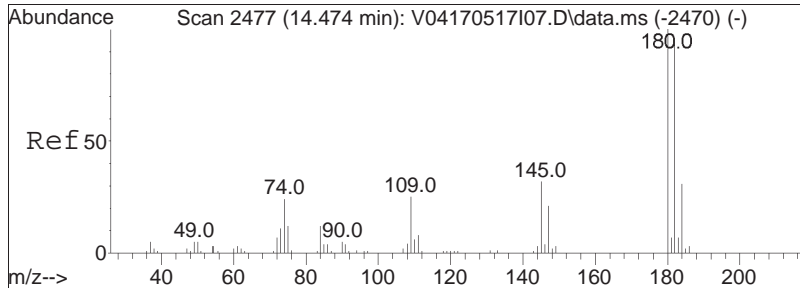
Tgt Ion	Resp	Lower	Upper
180	67131		
182	96.0	76.2	114.4
145	36.3	26.6	39.8





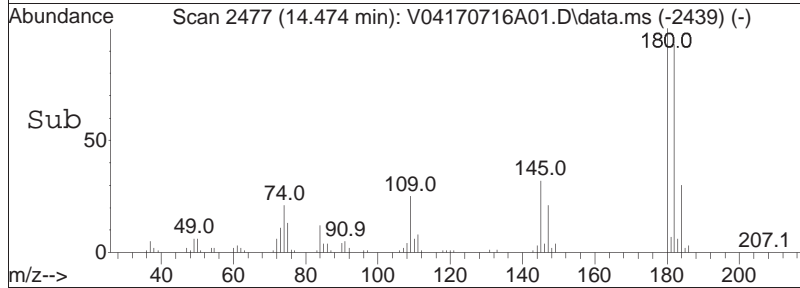
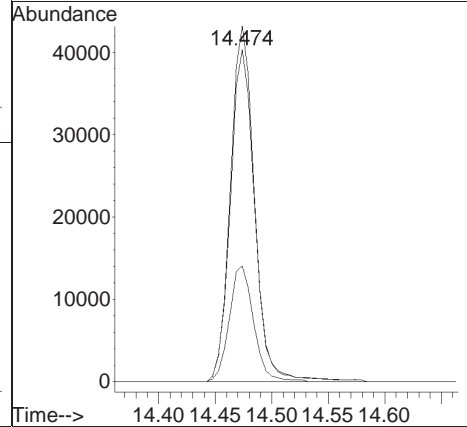
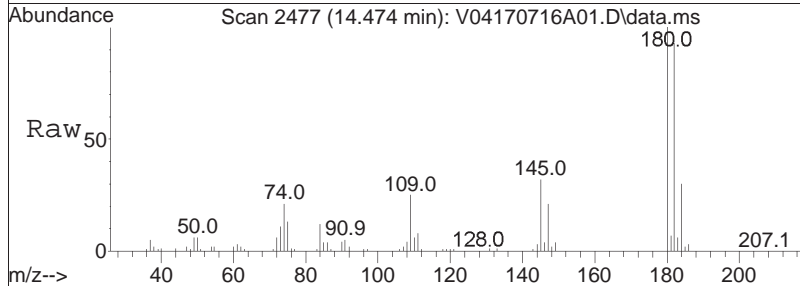
#110
 Naphthalene
 Concen: 18.24 ug/L
 RT: 14.306 min Scan# 2445
 Delta R.T. 0.000 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59
 Tgt Ion:128 Resp: 144987





#111
 1,2,3-Trichlorobenzene
 Concen: 18.66 ug/L
 RT: 14.474 min Scan# 2477
 Delta R.T. -0.000 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

Tgt Ion	Resp	Lower	Upper
180	100		
182	94.9	76.9	115.3
145	32.7	24.3	36.5



Manual Integration Report

Data Path : I:\VOLATILES\VOA104\2017\1QMethod : V104_170517_8260.m
Data File : V04170716A01.D Operator : VOA104:CBN
Date Inj'd : 7/16/2017 7:59 Instrument : VOA 104
Sample : WG1023153-3,31,5,5 Quant Date : 7/16/2017 8:33 am

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA104\2017\170716A\
 Data File : V04170716A01.D
 Acq On : 16 Jul 2017 7:59
 Operator : VOA104:CBN
 Sample : WG1023156-3,31h,15,15,0.1
 Misc : WG1023156,ICAL13672
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 16 08:33:08 2017
 Quant Method : I:\VOLATILES\VOA104\2017\170716A\V104_170517_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 18 06:45:13 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA104\2017\170716A\V04170716A01.D
 Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Fluorobenzene	5.917	96	169470	20.000	ug/L	0.00
Standard Area 1 = 169470			Recovery = 100.00%			
59) Chlorobenzene-d5	9.441	117	130956	20.000	ug/L	0.00
Standard Area 1 = 130956			Recovery = 100.00%			
79) 1,4-Dichlorobenzene-d4	12.162	152	64627	20.000	ug/L	0.00
Standard Area 1 = 64627			Recovery = 100.00%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.125	113	46556	19.521	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 97.61%			
43) 1,2-Dichloroethane-d4	5.645	65	45567	20.851	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 104.25%			
60) Toluene-d8	7.595	98	164426	21.584	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 107.92%			
83) 4-Bromofluorobenzene	10.945	95	60572	21.335	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 106.68%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.628	85	39144	16.662	ug/L	98
3) Chloromethane	1.817	50	60697	16.137	ug/L	97
4) Vinyl chloride	1.885	62	48795	17.603	ug/L	98
5) Bromomethane	2.189	94	29220	17.338	ug/L	95
6) Chloroethane	2.305	64	25779	16.528	ug/L	93
7) Trichlorofluoromethane	2.431	101	60818	16.989	ug/L	100
8) Ethyl ether	2.724	74	19263	16.212	ug/L	88
10) 1,1-Dichloroethene	2.908	96	32723	14.321	ug/L	94
11) Carbon disulfide	2.929	76	127668	12.801	ug/L	99
15) Methylene chloride	3.453	84	45824	16.184	ug/L	96
17) Acetone	3.505	43	10865	18.983	ug/L	96
18) trans-1,2-Dichloroethene	3.600	96	41138	15.979	ug/L	86
20) Methyl tert-butyl ether	3.694	73	94536	13.757	ug/L	95
23) 1,1-Dichloroethane	4.177	63	84684	16.540	ug/L	99
25) Acrylonitrile	4.234	53	13796	17.666	ug/L	96
27) Vinyl acetate	4.407	43	96144	17.698	ug/L	99
28) cis-1,2-Dichloroethene	4.690	96	48014	16.972	ug/L	86
29) 2,2-Dichloropropane	4.779	77	64442	17.156	ug/L	98
30) Bromochloromethane	4.879	128	24394	17.174	ug/L	90
32) Chloroform	4.947	83	79026	17.029	ug/L	99

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA104\2017\170716A\
 Data File : V04170716A01.D
 Acq On : 16 Jul 2017 7:59
 Operator : VOA104:CBN
 Sample : WG1023156-3,31h,15,15,0.1
 Misc : WG1023156,ICAL13672
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 16 08:33:08 2017
 Quant Method : I:\VOLATILES\VOA104\2017\170716A\V104_170517_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 18 06:45:13 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA104\2017\170716A\V04170716A01.D
 Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Carbon tetrachloride	5.068	117	63050	18.620	ug/L	99
37) 1,1,1-Trichloroethane	5.136	97	70859	17.957	ug/L	95
39) 2-Butanone	5.251	43	16612	16.721	ug/L	96
40) 1,1-Dichloropropene	5.257	75	56687	17.448	ug/L	99
41) Benzene	5.503	78	162597	16.749	ug/L	99
44) 1,2-Dichloroethane	5.713	62	63532	18.040	ug/L	99
48) Trichloroethene	6.095	95	47242	17.914	ug/L	98
50) Dibromomethane	6.536	93	27513	17.654	ug/L	96
51) 1,2-Dichloropropane	6.641	63	51208	18.186	ug/L	95
54) Bromodichloromethane	6.714	83	63684	18.375	ug/L	99
57) 1,4-Dioxane	6.929	88	22761	1037.684	ug/L	92
58) cis-1,3-Dichloropropene	7.396	75	72561	17.213	ug/L	99
61) Toluene	7.658	92	106141	18.648	ug/L	100
62) 4-Methyl-2-pentanone	8.098	58	16594	19.701	ug/L	91
63) Tetrachloroethene	8.098	166	51635	18.566	ug/L	97
65) trans-1,3-Dichloropropene	8.151	75	63185	19.287	ug/L	99
68) 1,1,2-Trichloroethane	8.334	83	31514	18.404	ug/L	97
69) Chlorodibromomethane	8.539	129	49898	18.182	ug/L	99
70) 1,3-Dichloropropane	8.654	76	61961	18.700	ug/L	97
71) 1,2-Dibromoethane	8.817	107	40987	18.570	ug/L	99
72) 2-Hexanone	9.110	43	26800	19.409	ug/L	96
73) Chlorobenzene	9.461	112	126264	18.096	ug/L	99
74) Ethylbenzene	9.493	91	201839	18.447	ug/L	99
75) 1,1,1,2-Tetrachloroethane	9.545	131	47827	18.142	ug/L	98
76) p/m Xylene	9.682	106	161236	36.389	ug/L	98
77) o Xylene	10.222	106	152056	36.002	ug/L	99
78) Styrene	10.295	104	254016	36.015	ug/L	97
80) Bromoform	10.327	173	30610	18.558	ug/L	99
82) Isopropylbenzene	10.610	105	204578	19.175	ug/L	98
84) Bromobenzene	11.055	156	54893	18.669	ug/L	98
85) n-Propylbenzene	11.097	91	226218	19.107	ug/L	99
87) 1,1,2,2-Tetrachloroethane	11.197	83	44456	18.651	ug/L	99
88) 4-Ethyltoluene	11.223	105	202315	19.677	ug/L	99
89) 2-Chlorotoluene	11.265	91	135753	18.873	ug/L	98
90) 1,3,5-Trimethylbenzene	11.323	105	169552	18.975	ug/L	98
91) 1,2,3-Trichloropropane	11.339	75	34361	19.598	ug/L	96
92) trans-1,4-Dichloro-2-b...	11.396	53	13000	19.796	ug/L	96
93) 4-Chlorotoluene	11.454	91	140365	19.376	ug/L	99
94) tert-Butylbenzene	11.664	119	141790	18.883	ug/L	98

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA104\2017\170716A\
 Data File : V04170716A01.D
 Acq On : 16 Jul 2017 7:59
 Operator : VOA104:CBN
 Sample : WG1023156-3,31h,15,15,0.1
 Misc : WG1023156,ICAL13672
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 16 08:33:08 2017
 Quant Method : I:\VOLATILES\VOA104\2017\170716A\V104_170517_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 18 06:45:13 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA104\2017\170716A\V04170716A01.D
 Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97) 1,2,4-Trimethylbenzene	11.742	105	171680	19.230	ug/L	98
98) sec-Butylbenzene	11.852	105	212085	19.009	ug/L	98
99) p-Isopropyltoluene	12.010	119	184879	19.257	ug/L	98
100) 1,3-Dichlorobenzene	12.083	146	100843	18.743	ug/L	99
101) 1,4-Dichlorobenzene	12.177	146	98328	17.939	ug/L	99
102) p-Diethylbenzene	12.382	119	112203	19.945	ug/L	98
103) n-Butylbenzene	12.440	91	162650	19.431	ug/L	98
104) 1,2-Dichlorobenzene	12.602	146	93191	18.621	ug/L	99
105) 1,2,4,5-Tetramethylben...	13.179	119	181240	19.678	ug/L	96
106) 1,2-Dibromo-3-chloropr...	13.389	155	7356	17.935	ug/L	98
108) Hexachlorobutadiene	13.981	225	34550	18.452	ug/L	99
109) 1,2,4-Trichlorobenzene	14.012	180	67131	18.163	ug/L	98
110) Naphthalene	14.306	128	144987	18.245	ug/L	100
111) 1,2,3-Trichlorobenzene	14.474	180	63883	18.658	ug/L	98

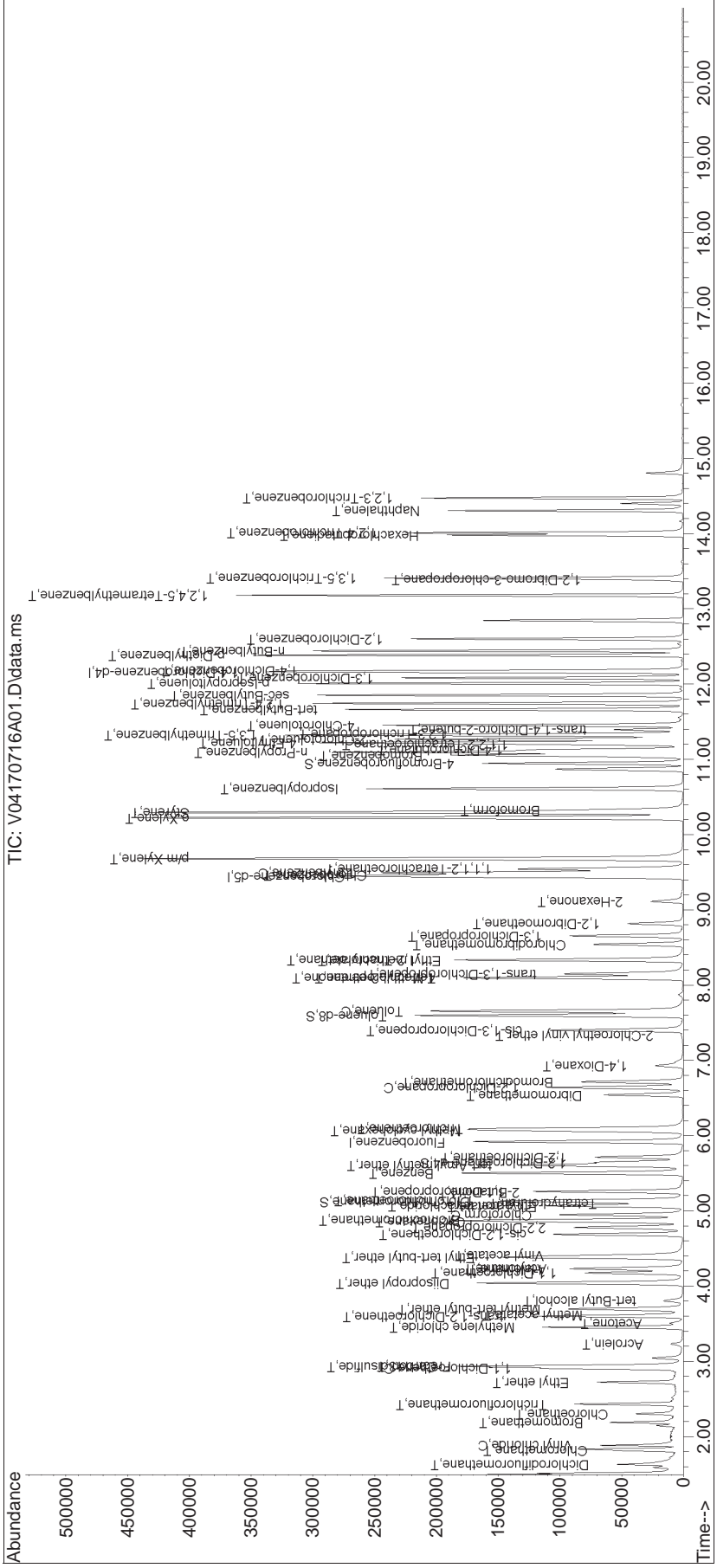
(#) = qualifier out of range (m) = manual integration (+) = signals summed

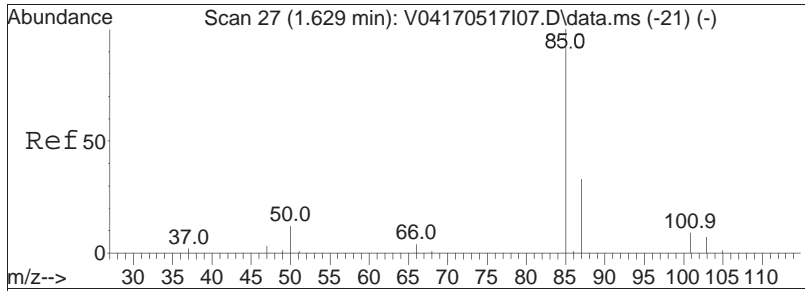
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA104\2017\170716A\
 Data File : V04170716A01.D
 Acq On : 16 Jul 2017 7:59
 Operator : VOA104:CBN
 Sample : WG1023156-3,31h,15,15,0.1
 Misc : WG1023156,ICAL13672
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 16 08:33:08 2017
 Quant Method : I:\VOLATILES\VOA104\2017\170716A\V104_170517_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 18 06:45:13 2017
 Response via : Initial Calibration

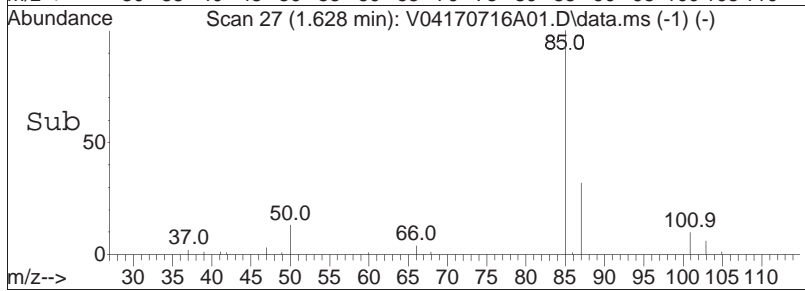
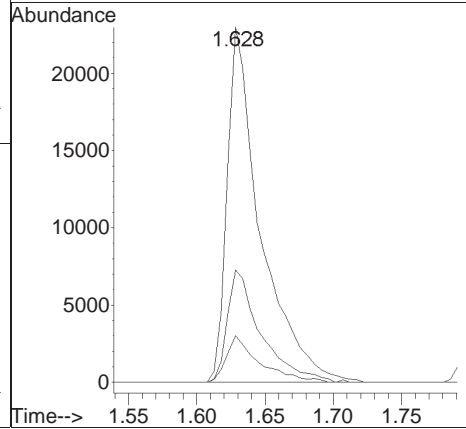
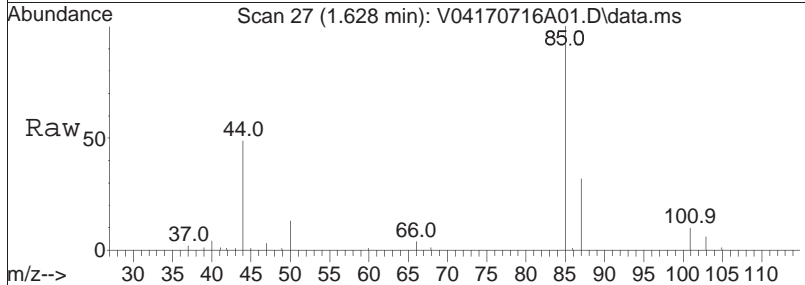
Sub List : 8260-CurveSoil - Megamix plus Diox6A\V04170716A01.D•

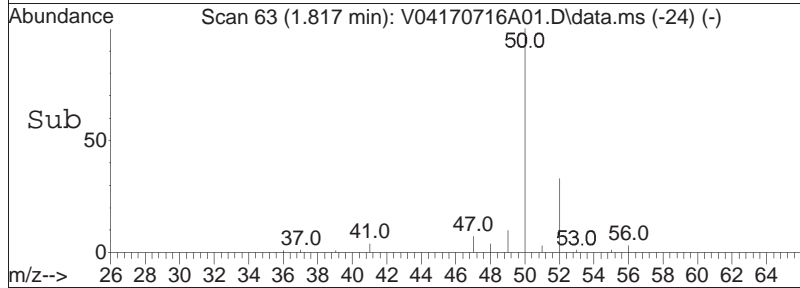
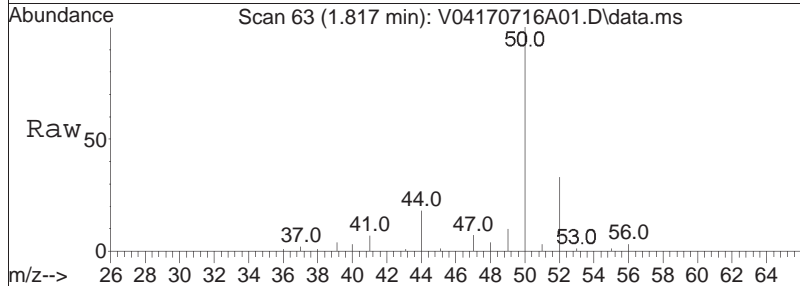
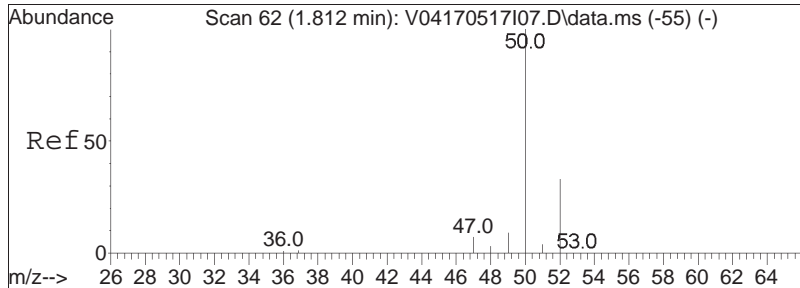




#2
 Dichlorodifluoromethane
 Concen: 16.66 ug/L
 RT: 1.628 min Scan# 27
 Delta R.T. -0.001 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

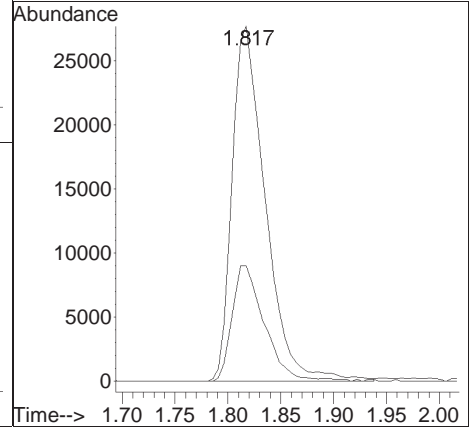
Tgt Ion	Ratio	Resp	Lower	Upper
85	100	39144		
87	32.0		20.9	43.5
50	13.1		9.6	20.0

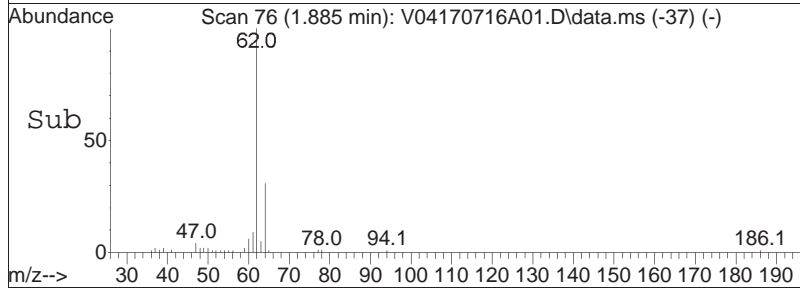
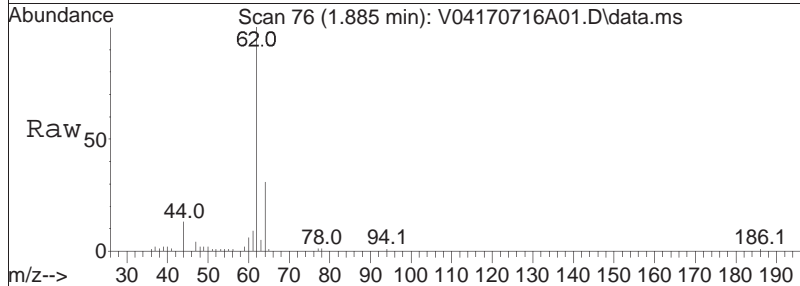
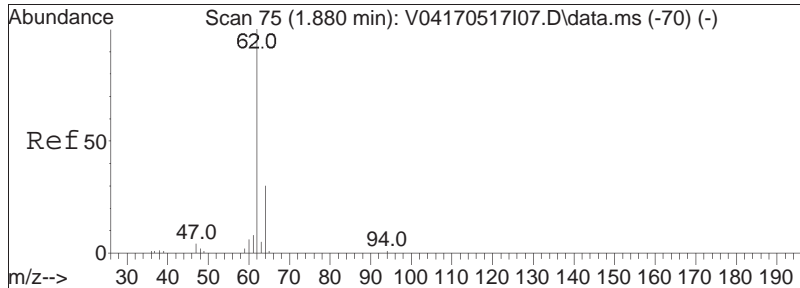




#3
 Chloromethane
 Concen: 16.14 ug/L
 RT: 1.817 min Scan# 63
 Delta R.T. 0.005 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

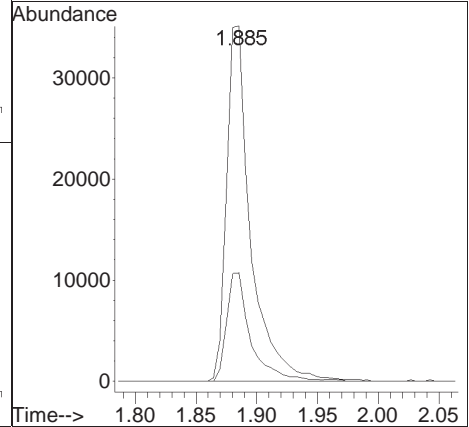
Tgt Ion	Resp	Lower	Upper
50	100		
52	31.3	12.7	52.7

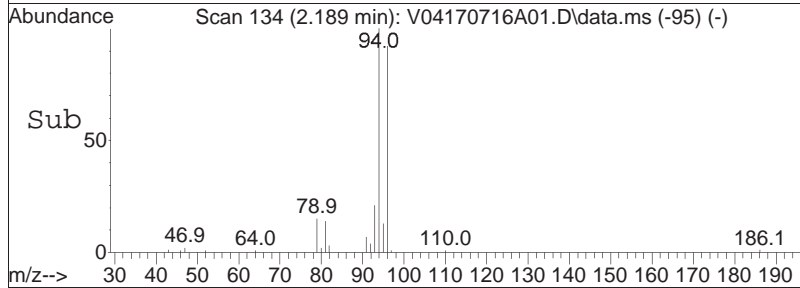
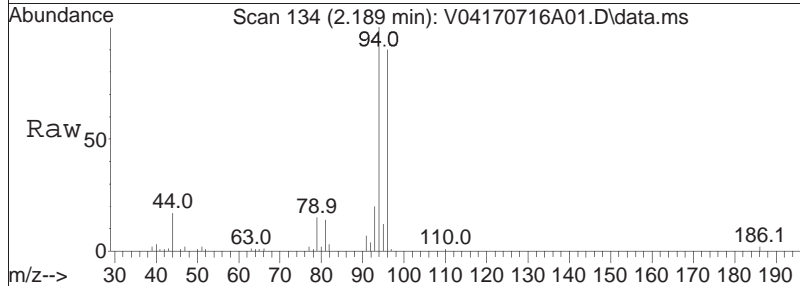
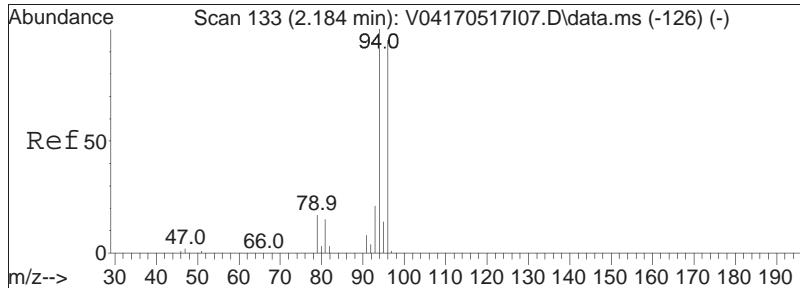




#4
 Vinyl chloride
 Concen: 17.60 ug/L
 RT: 1.885 min Scan# 76
 Delta R.T. 0.005 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

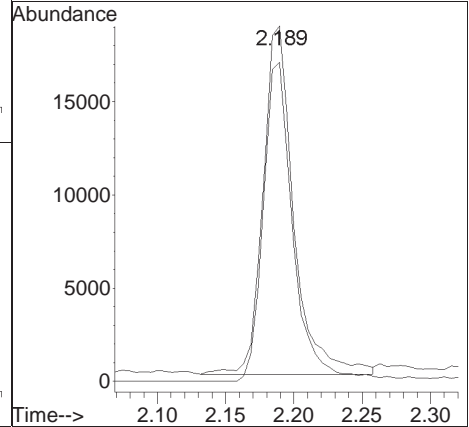
Tgt Ion:	Resp:	Lower	Upper
62	100		
64	30.3	11.5	51.5

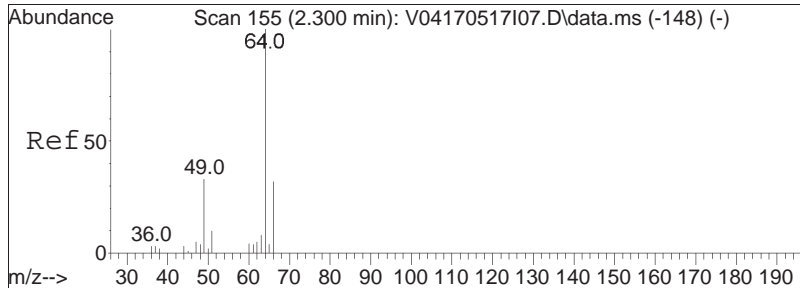




#5
 Bromomethane
 Concen: 17.34 ug/L
 RT: 2.189 min Scan# 134
 Delta R.T. 0.005 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

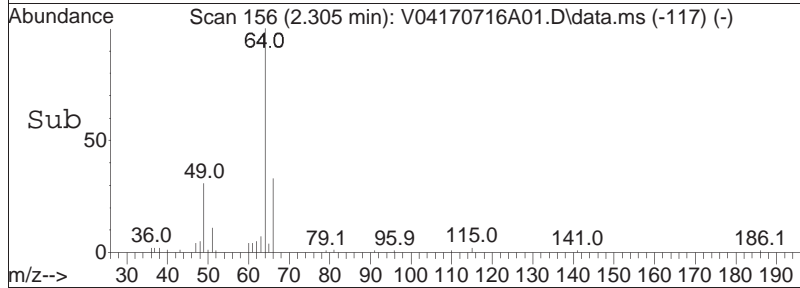
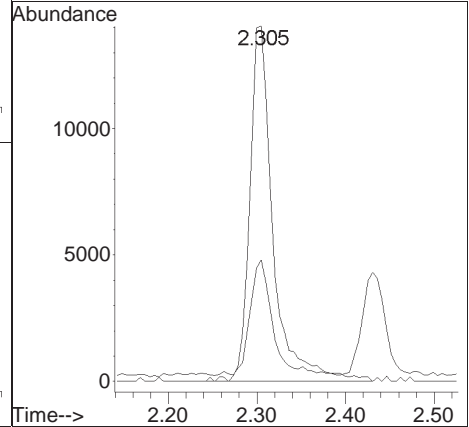
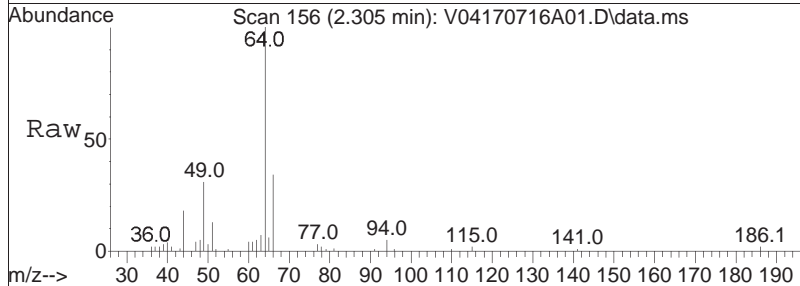
Tgt Ion:	94	Resp:	29220
Ion Ratio	100	Lower	Upper
96	90.0	74.7	114.7

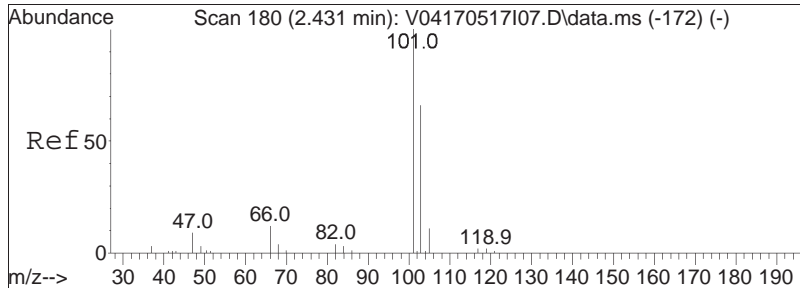




#6
 Chloroethane
 Concen: 16.53 ug/L
 RT: 2.305 min Scan# 156
 Delta R.T. 0.005 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

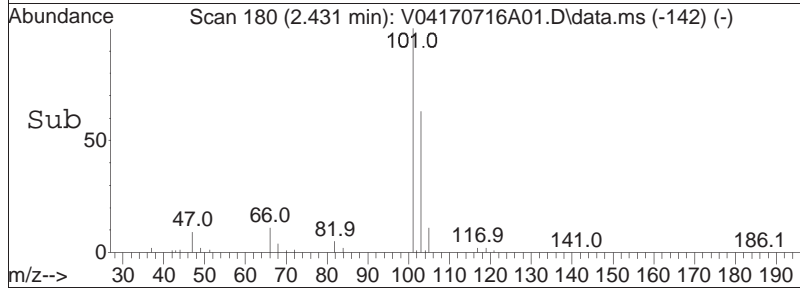
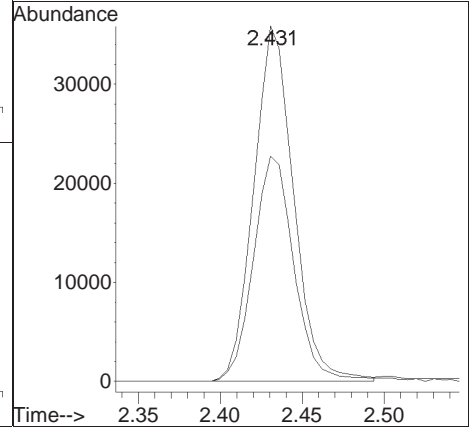
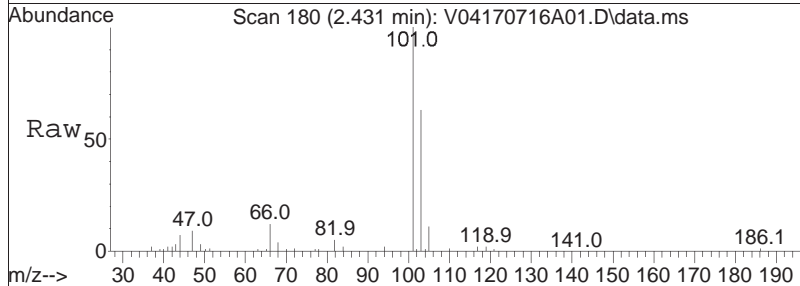
Tgt Ion	Resp	Lower	Upper
64	100		
66	30.6	14.8	54.8

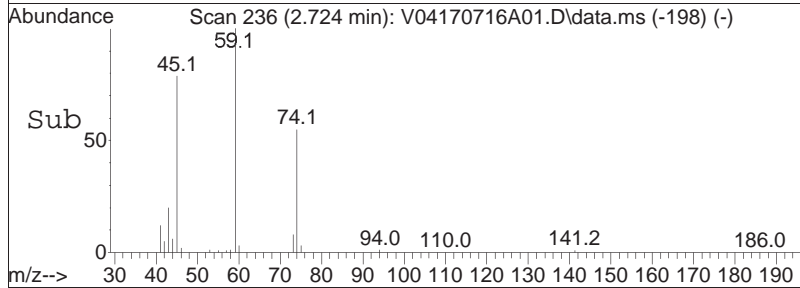
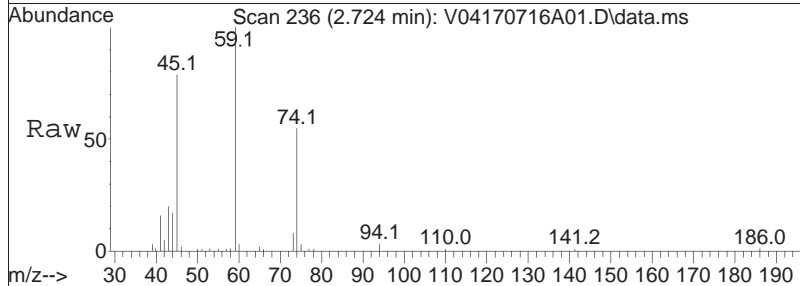
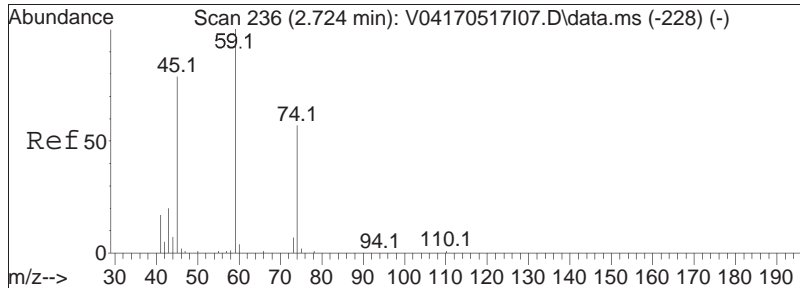




#7
 Trichlorofluoromethane
 Concen: 16.99 ug/L
 RT: 2.431 min Scan# 180
 Delta R.T. -0.000 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

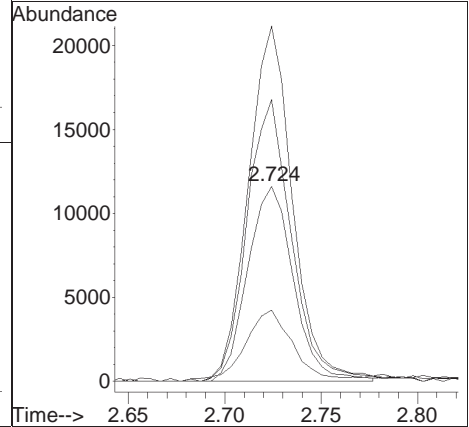
Tgt Ion	Resp	Lower	Upper
101	100		
103	65.0	52.0	78.0

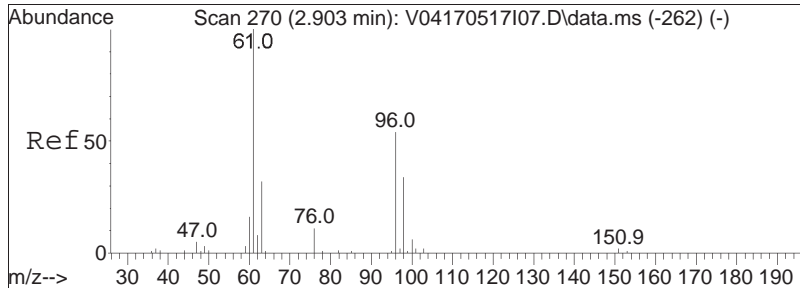




#8
 Ethyl ether
 Concen: 16.21 ug/L
 RT: 2.724 min Scan# 236
 Delta R.T. 0.000 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

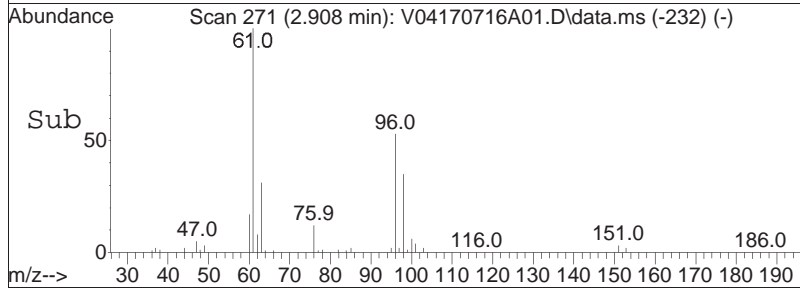
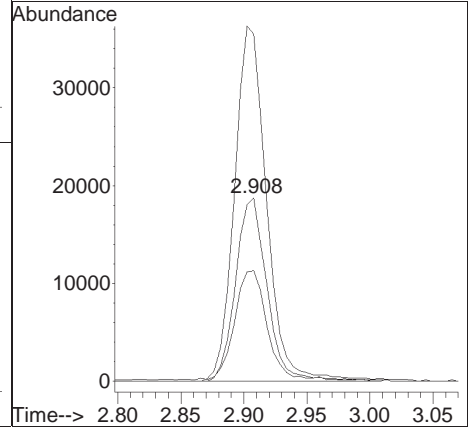
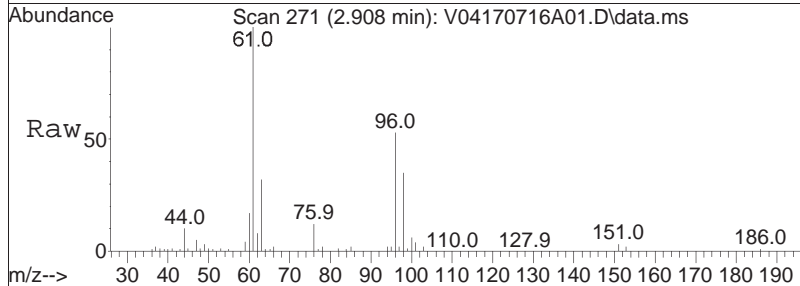
Tgt Ion	Resp	Lower	Upper
74	19263		
59	176.6	113.7	236.1
45	142.3	72.8	151.2
43	38.1	21.2	44.0

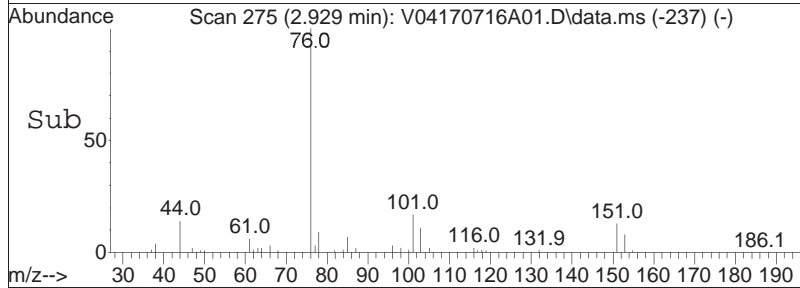
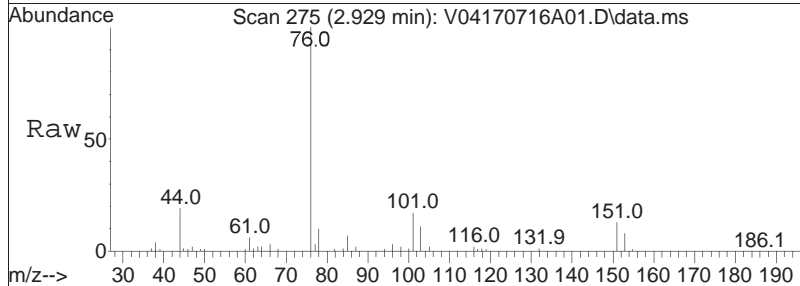
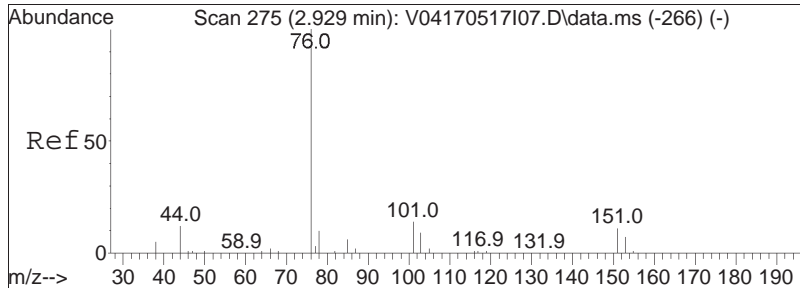




#10
 1,1-Dichloroethene
 Concen: 14.32 ug/L
 RT: 2.908 min Scan# 271
 Delta R.T. 0.005 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

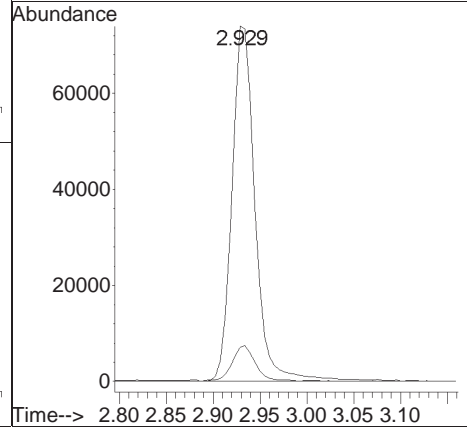
Tgt Ion	Resp	Lower	Upper
96	100		
61	198.0	165.8	248.8
63	60.5	52.0	78.0

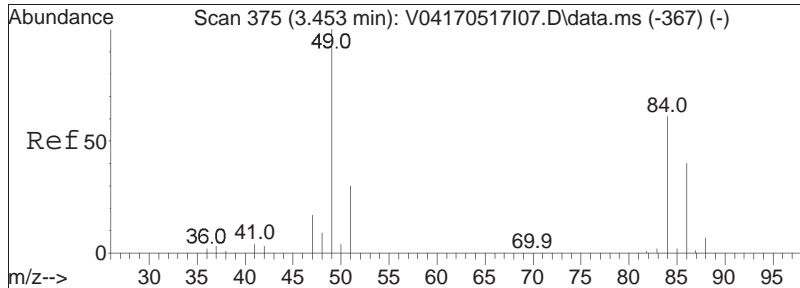




#11
 Carbon disulfide
 Concen: 12.80 ug/L
 RT: 2.929 min Scan# 275
 Delta R.T. -0.000 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

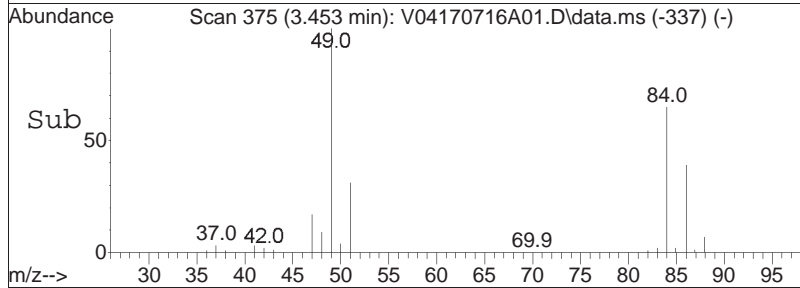
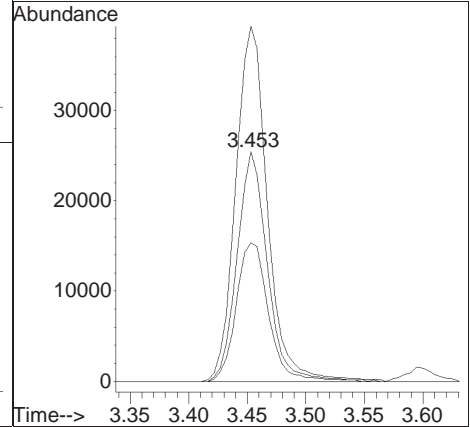
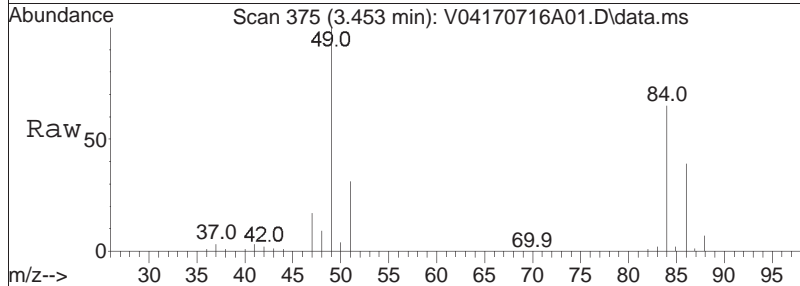
Tgt Ion:	Resp:		
Ion Ratio	Lower	Upper	
76	100		
78	10.2	6.5	13.5

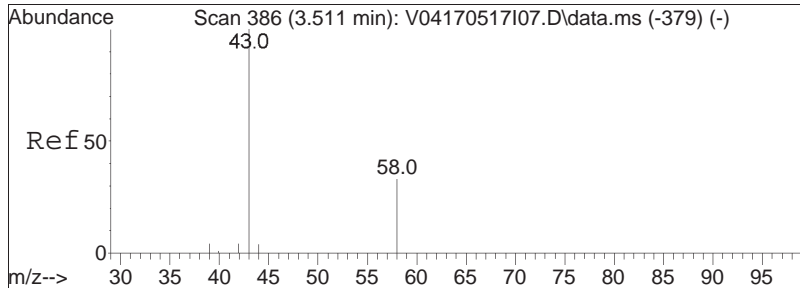




#15
 Methylene chloride
 Concen: 16.18 ug/L
 RT: 3.453 min Scan# 375
 Delta R.T. -0.000 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

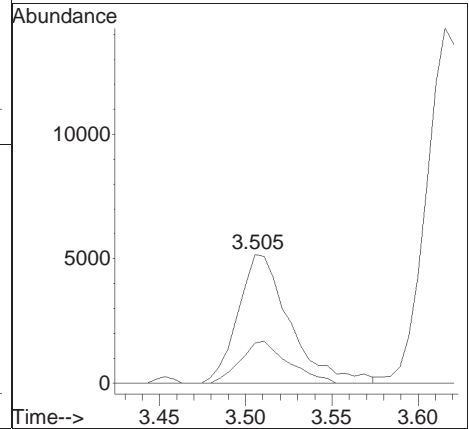
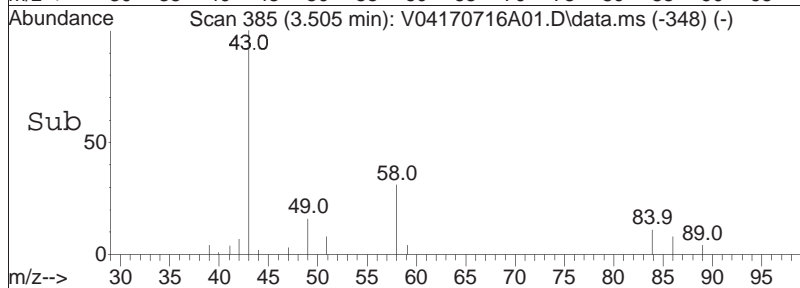
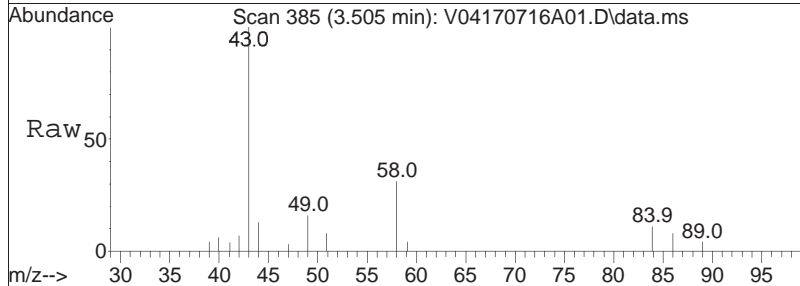
Tgt Ion:	84	Resp:	45824
Ion Ratio	Lower	Upper	
84	100		
86	64.4	41.3	85.9
49	161.8	109.1	226.7

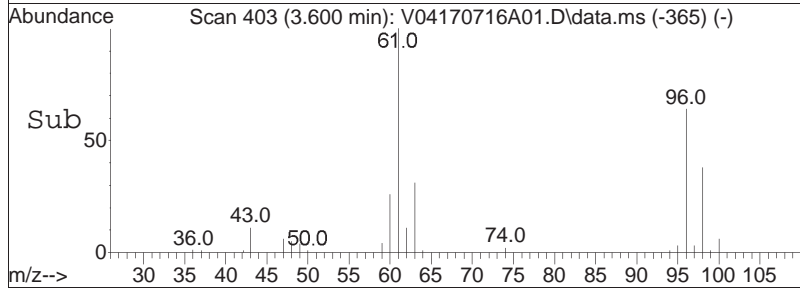
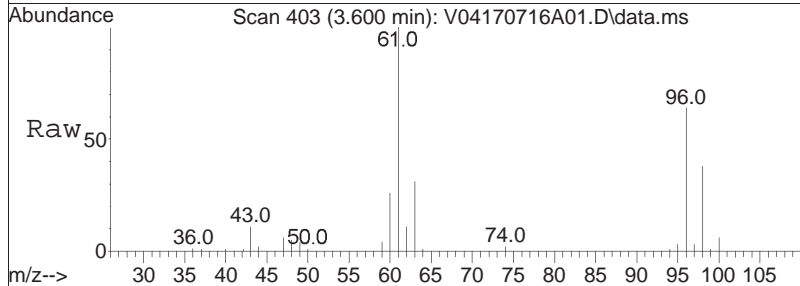
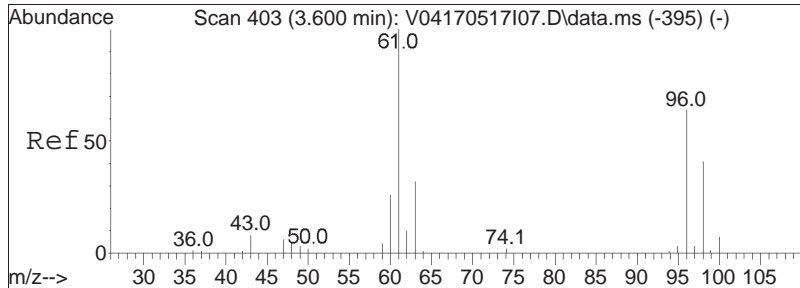




#17
 Acetone
 Concen: 18.98 ug/L
 RT: 3.505 min Scan# 385
 Delta R.T. -0.006 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

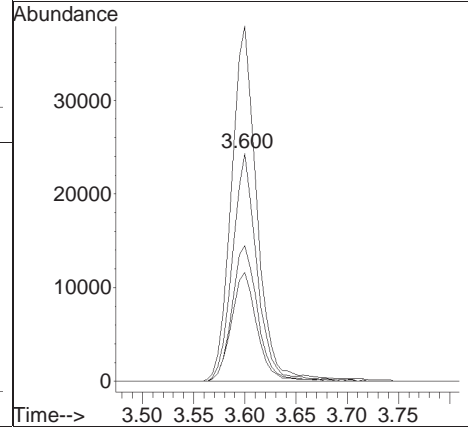
Tgt Ion	Resp	Lower	Upper
43	10865		
58	30.3	26.0	39.0

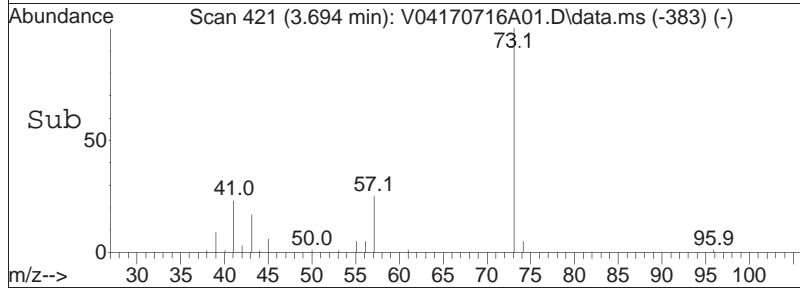
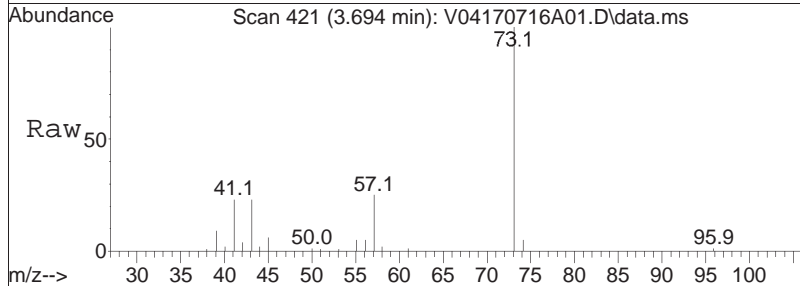
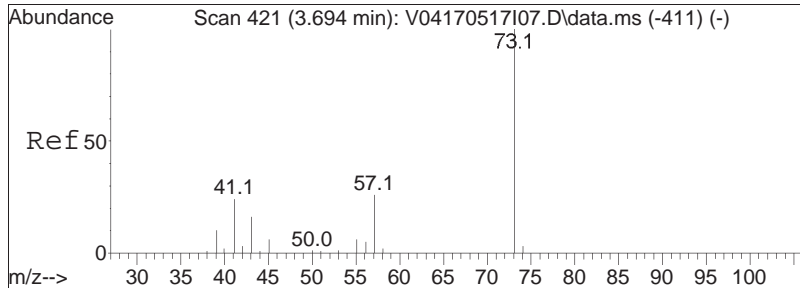




#18
 trans-1,2-Dichloroethene
 Concen: 15.98 ug/L
 RT: 3.600 min Scan# 403
 Delta R.T. -0.000 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

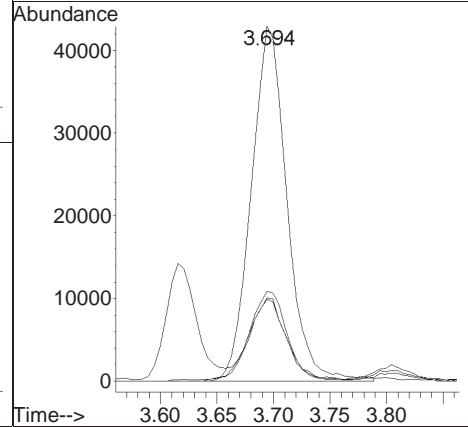
Tgt Ion:	96	Resp:	41138
Ion Ratio	Lower	Upper	
96	100		
61	160.8	122.6	254.6
98	61.8	41.6	86.4
63	49.4	37.6	78.0

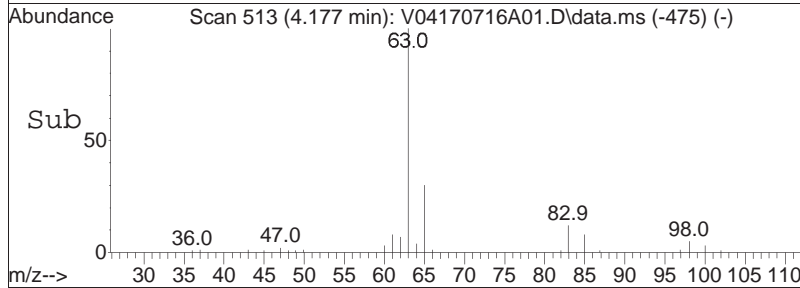
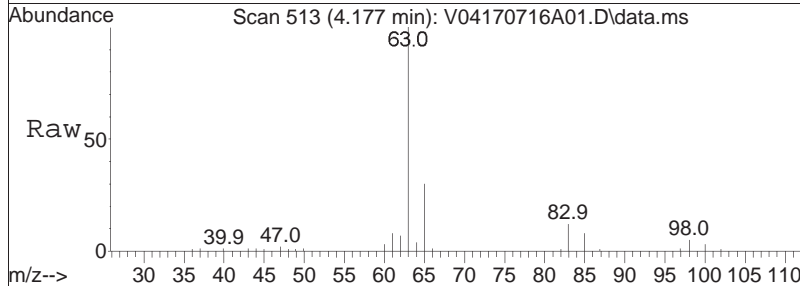
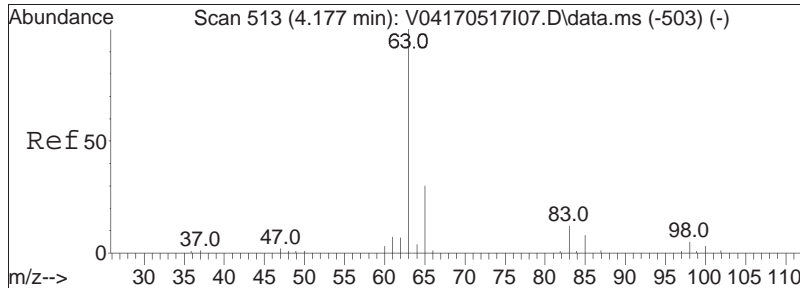




#20
 Methyl tert-butyl ether
 Concen: 13.76 ug/L
 RT: 3.694 min Scan# 421
 Delta R.T. 0.000 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

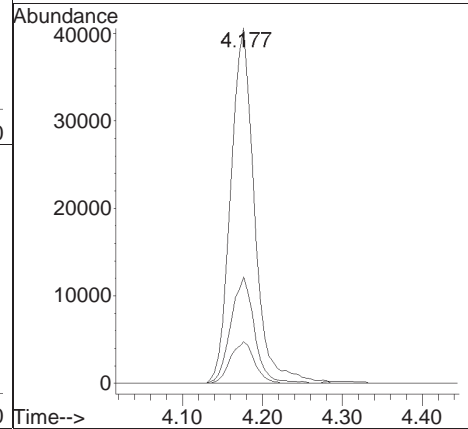
Tgt Ion	Resp	Lower	Upper
73	94536		
57	27.2	20.9	43.3
43	24.4	16.4	34.2
41	24.0	17.2	35.8

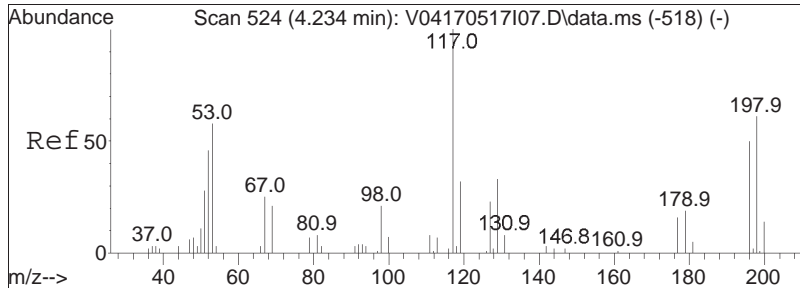




#23
 1,1-Dichloroethane
 Concen: 16.54 ug/L
 RT: 4.177 min Scan# 513
 Delta R.T. -0.000 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

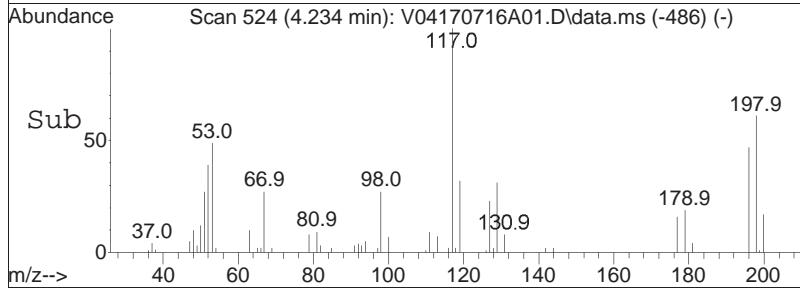
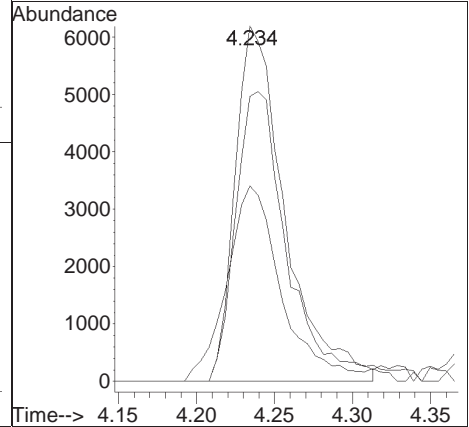
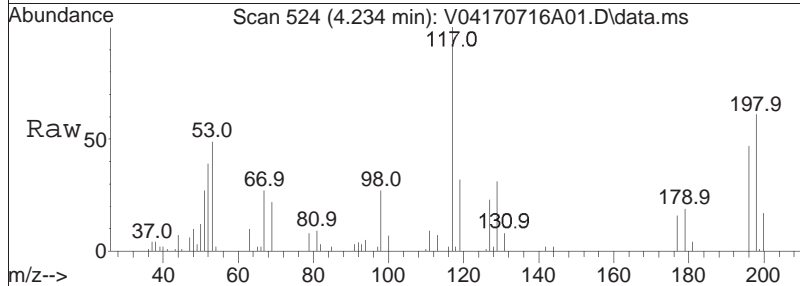
Tgt Ion:	Resp:		
Ion	Ratio	Lower	Upper
63	100		
65	29.5	9.4	49.4
83	11.8	0.0	30.4

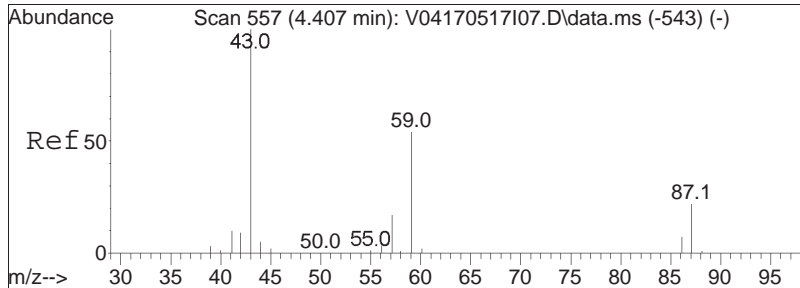




#25
 Acrylonitrile
 Concen: 17.67 ug/L
 RT: 4.234 min Scan# 524
 Delta R.T. 0.000 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

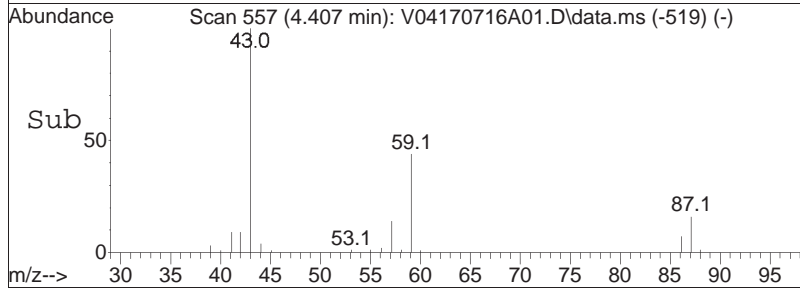
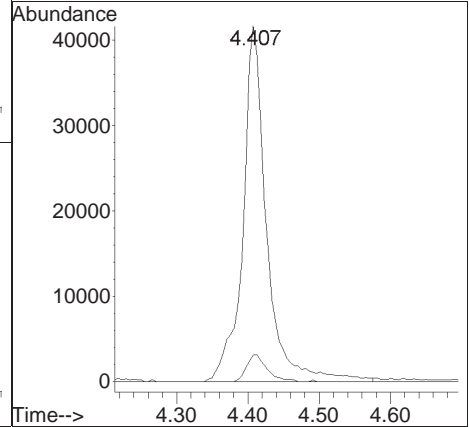
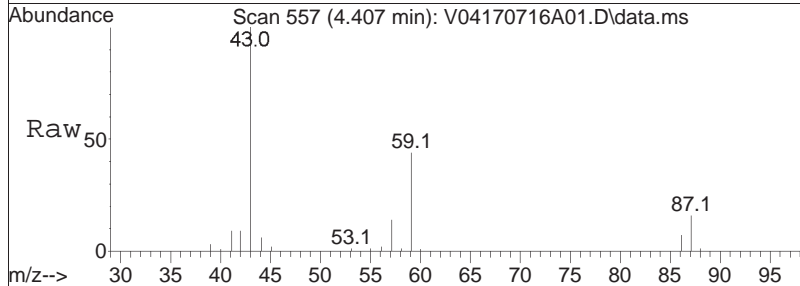
Tgt Ion:	Resp:		
Ion	Ratio	Lower	Upper
53	100		
52	86.0	67.2	100.8
51	60.1	43.7	65.5

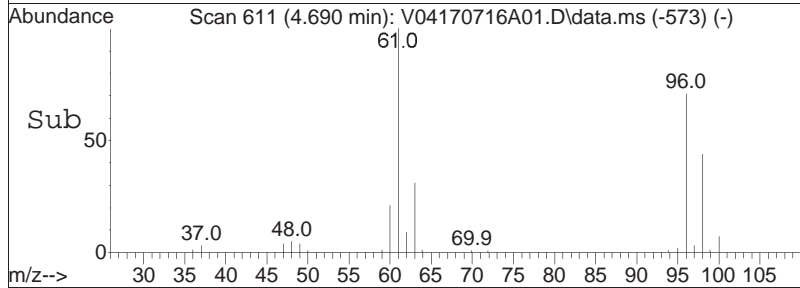
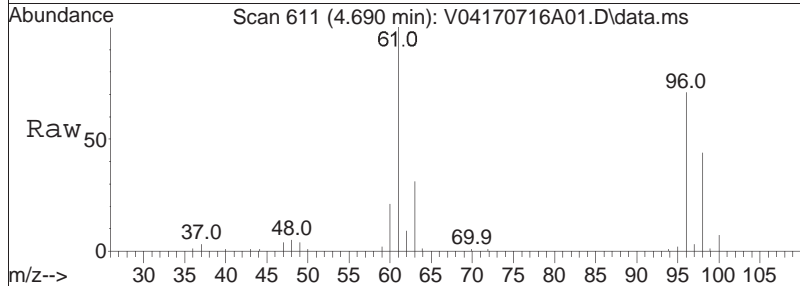
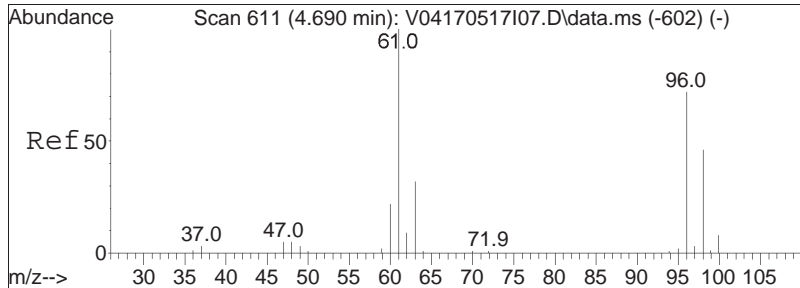




#27
 Vinyl acetate
 Concen: 17.70 ug/L
 RT: 4.407 min Scan# 557
 Delta R.T. 0.000 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

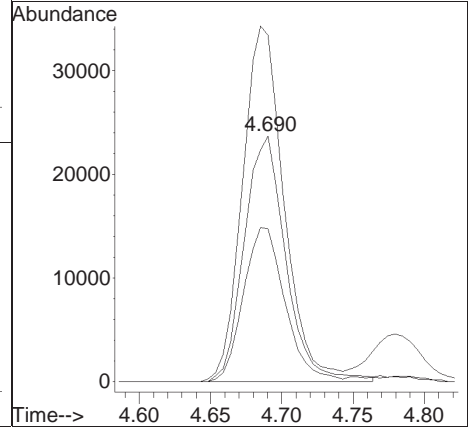
Tgt Ion:	43	Resp:	96144
Ion Ratio	100	Lower	Upper
86	6.4	4.9	7.3

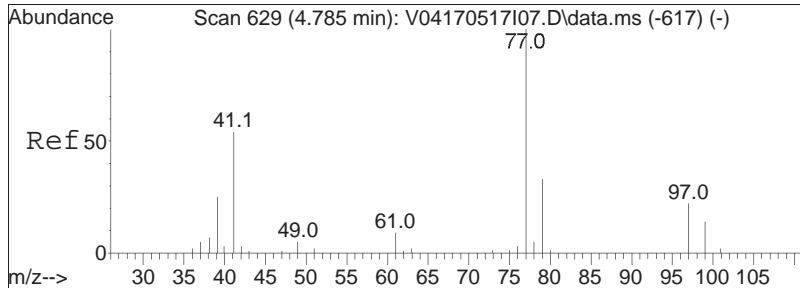




#28
 cis-1,2-Dichloroethene
 Concen: 16.97 ug/L
 RT: 4.690 min Scan# 611
 Delta R.T. 0.000 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

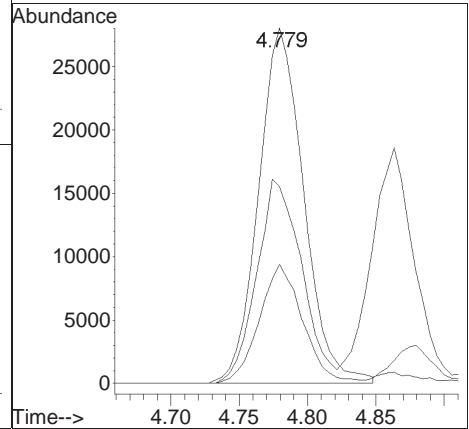
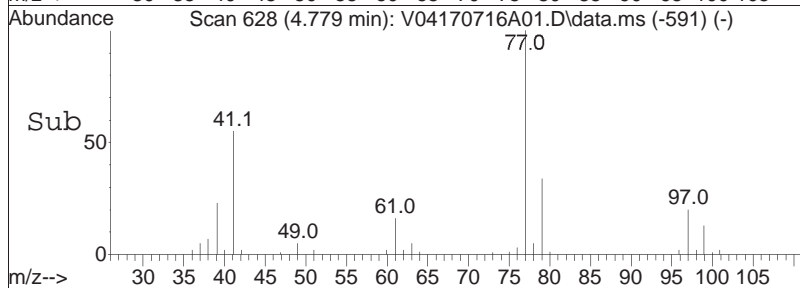
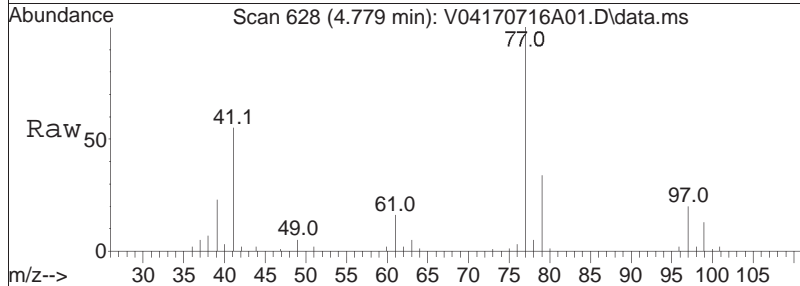
Tgt Ion:	96	61	98	Resp:	48014	Lower	Upper
Ion Ratio	100	144.2	62.7			135.0	202.4
						51.5	77.3

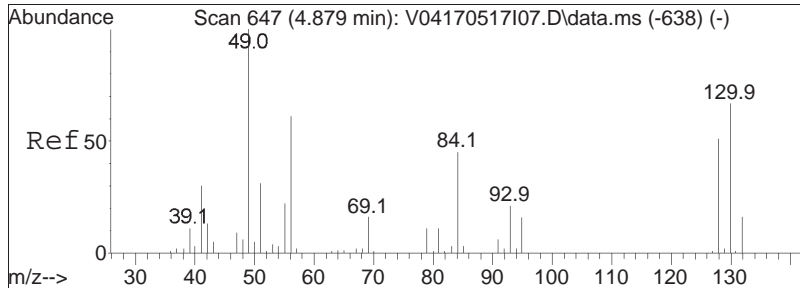




#29
 2,2-Dichloropropane
 Concen: 17.16 ug/L
 RT: 4.779 min Scan# 628
 Delta R.T. -0.006 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

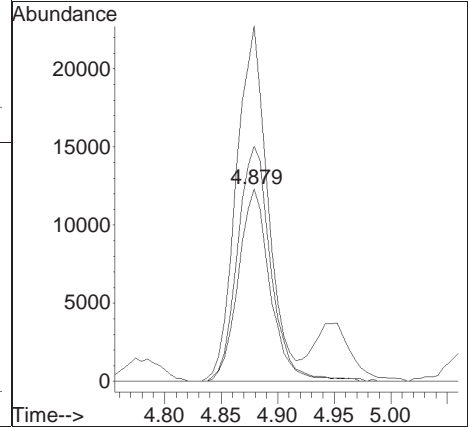
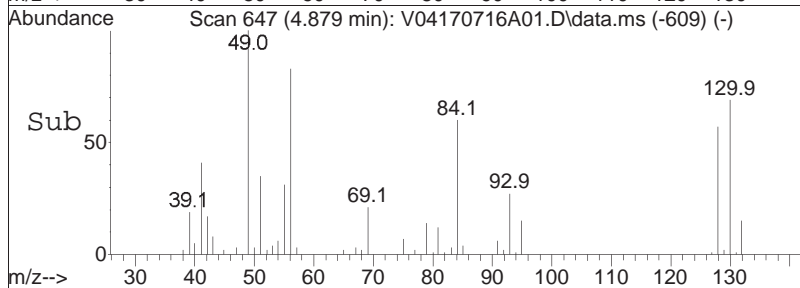
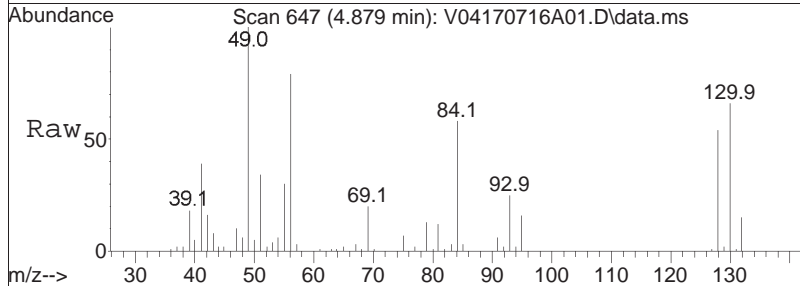
Tgt Ion:	Resp:		
Ion	Ratio	Lower	Upper
77	100		
41	57.1	38.5	80.1
79	32.3	20.9	43.5

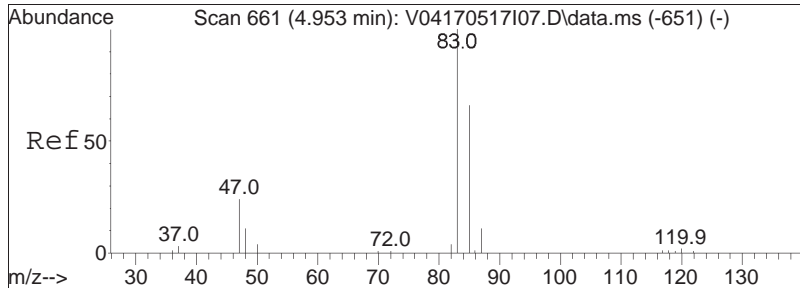




#30
 Bromochloromethane
 Concen: 17.17 ug/L
 RT: 4.879 min Scan# 647
 Delta R.T. 0.000 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

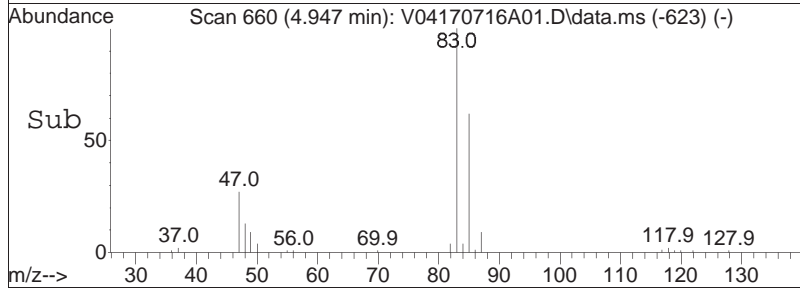
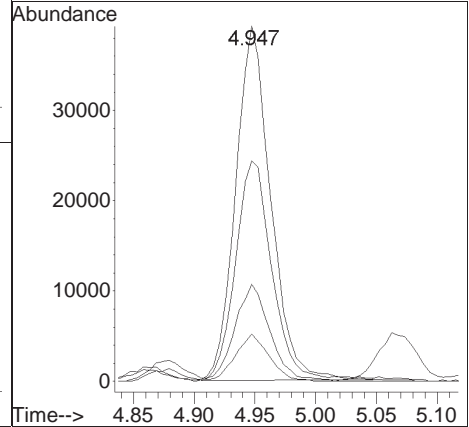
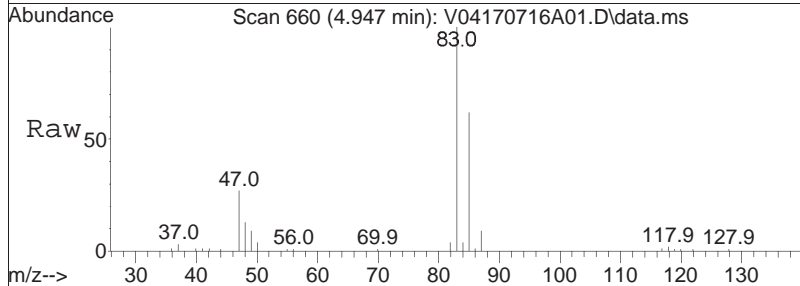
Tgt Ion	Resp	Lower	Upper
128	100		
49	180.2	163.8	245.8
130	126.6	102.3	153.5

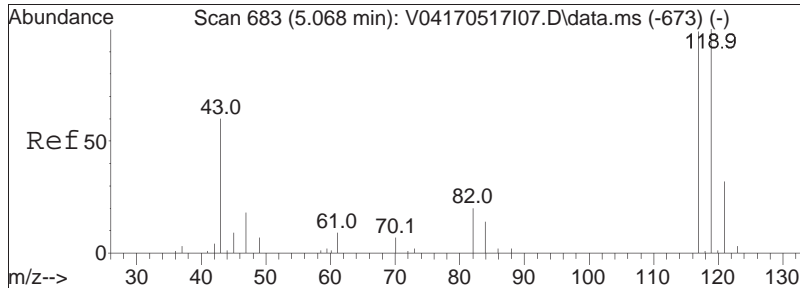




#32
 Chloroform
 Concen: 17.03 ug/L
 RT: 4.947 min Scan# 660
 Delta R.T. -0.006 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

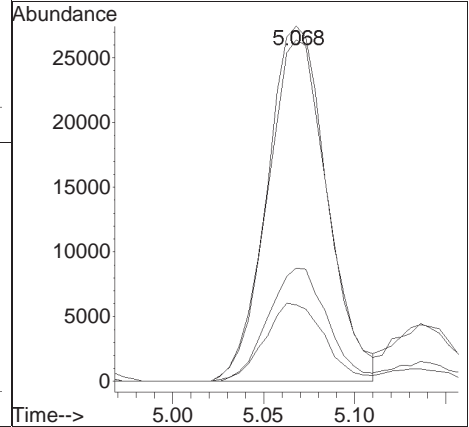
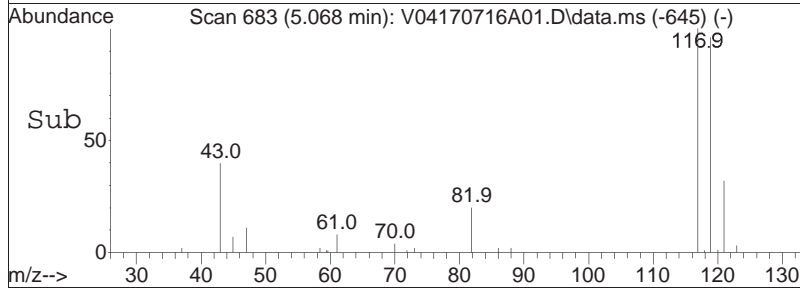
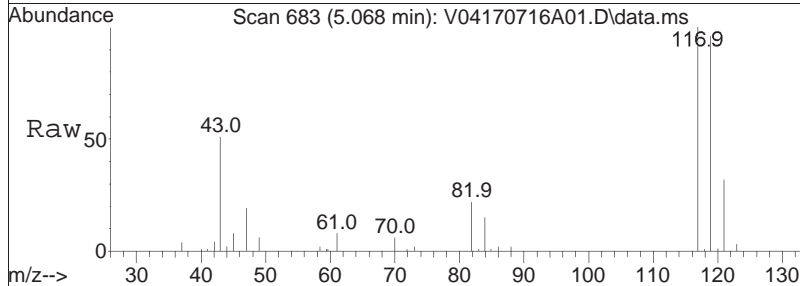
Tgt Ion	Resp	Lower	Upper
83	100		
85	65.8	42.1	87.3
47	27.6	18.5	38.3
48	13.0	8.6	18.0

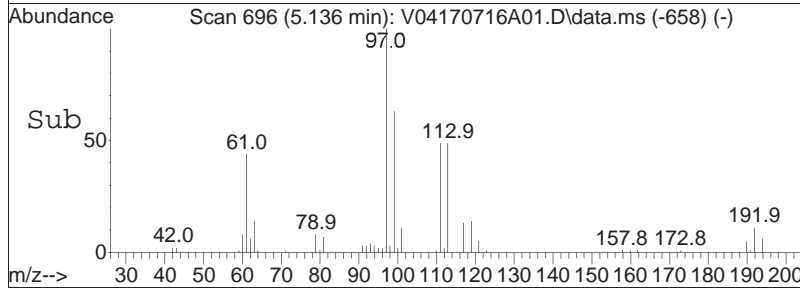
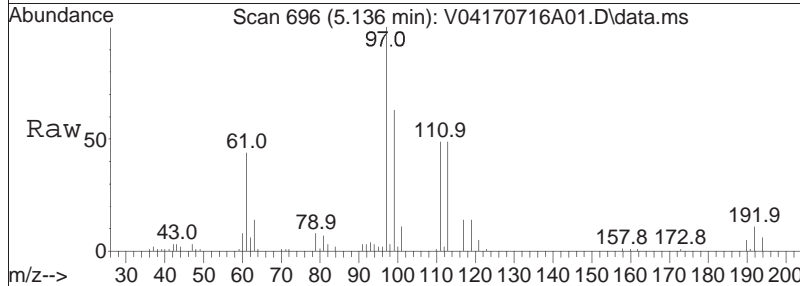
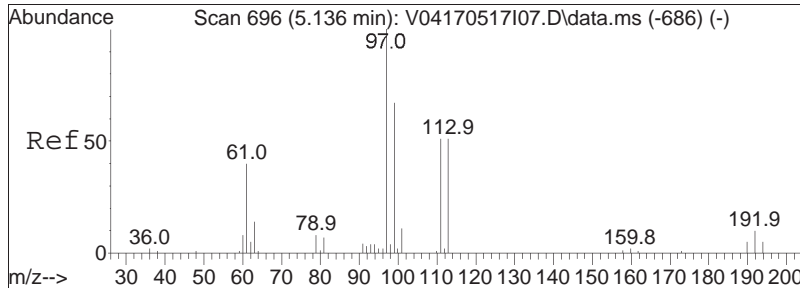




#34
 Carbon tetrachloride
 Concen: 18.62 ug/L
 RT: 5.068 min Scan# 683
 Delta R.T. -0.000 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

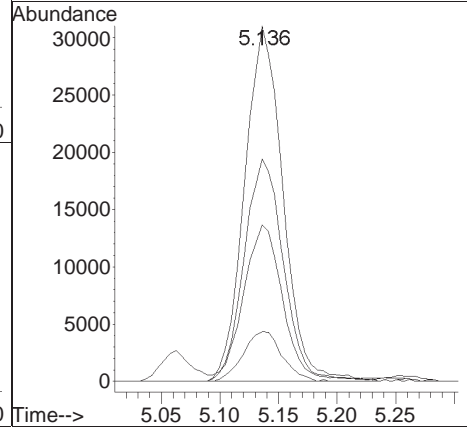
Tgt Ion	Resp	Lower	Upper
117	63050		
117	100		
119	95.7	62.7	130.3
121	31.5	20.2	41.9
82	22.1	14.4	29.8

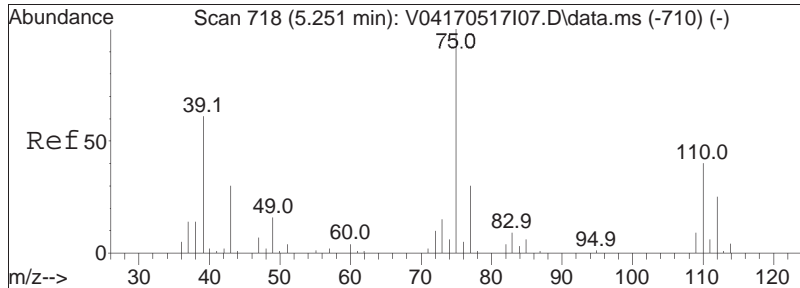




#37
 1,1,1-Trichloroethane
 Concen: 17.96 ug/L
 RT: 5.136 min Scan# 696
 Delta R.T. 0.000 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

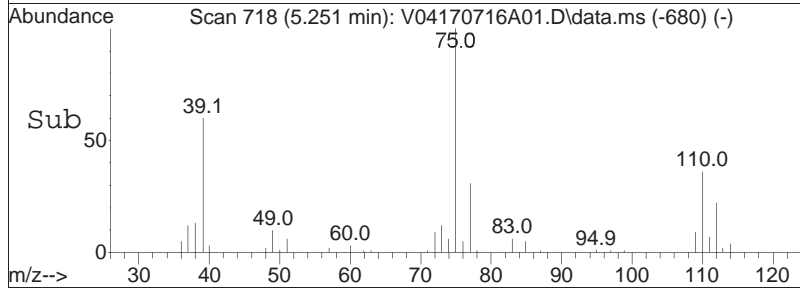
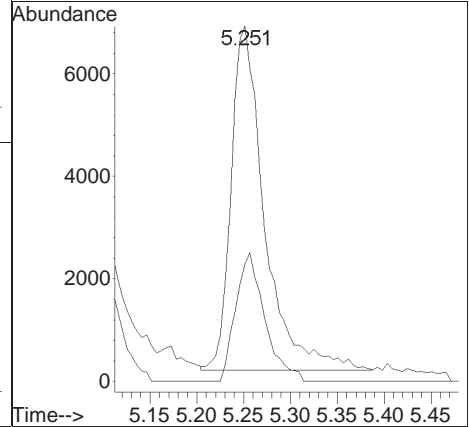
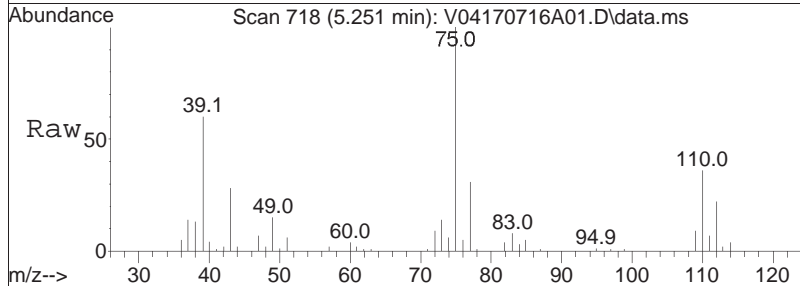
Tgt Ion:	Resp:		
Ion	Ratio	Lower	Upper
97	100		
99	64.2	41.9	86.9
61	45.3	34.3	71.1
63	14.3	10.6	22.0

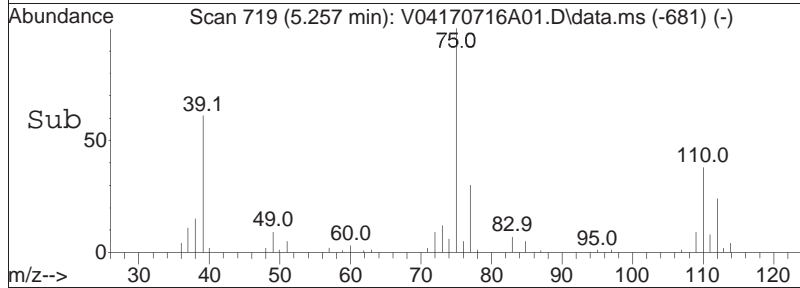
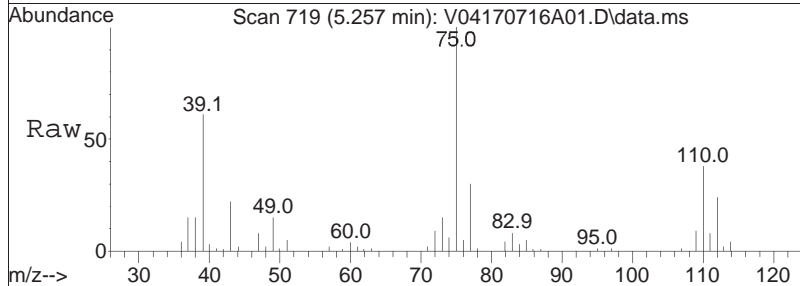
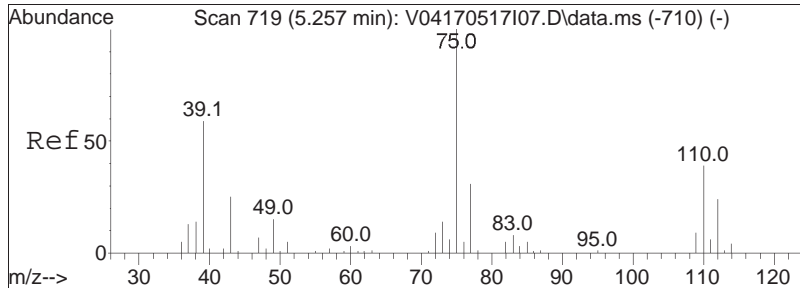




#39
 2-Butanone
 Concen: 16.72 ug/L
 RT: 5.251 min Scan# 718
 Delta R.T. 0.000 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

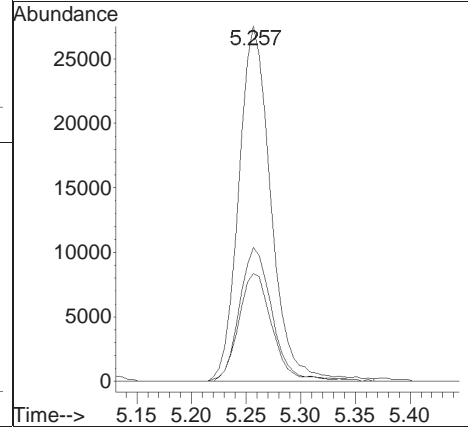
Tgt Ion: 43 Resp: 16612
 Ion Ratio Lower Upper
 43 100
 72 32.5 24.3 36.5

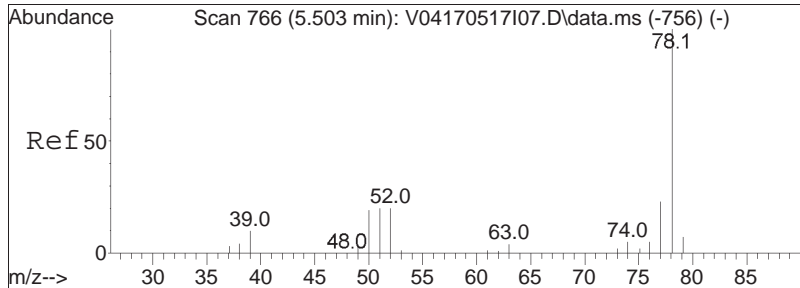




#40
 1,1-Dichloropropene
 Concen: 17.45 ug/L
 RT: 5.257 min Scan# 719
 Delta R.T. -0.000 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

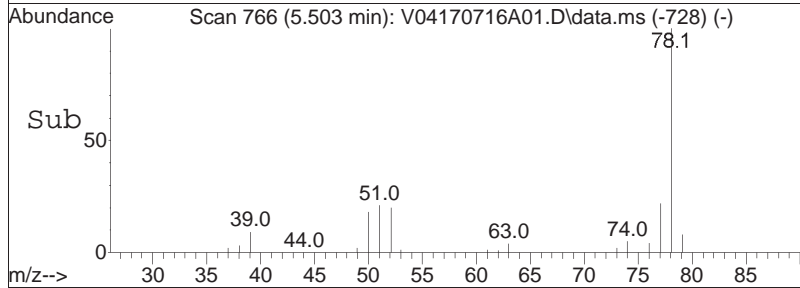
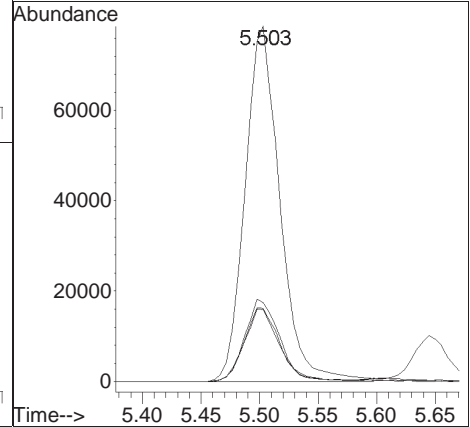
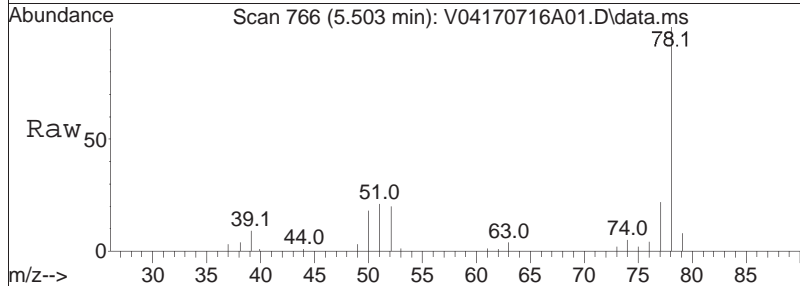
Tgt Ion	Resp	Lower	Upper
75	100		
110	37.9	24.4	50.6
77	32.0	20.5	42.5

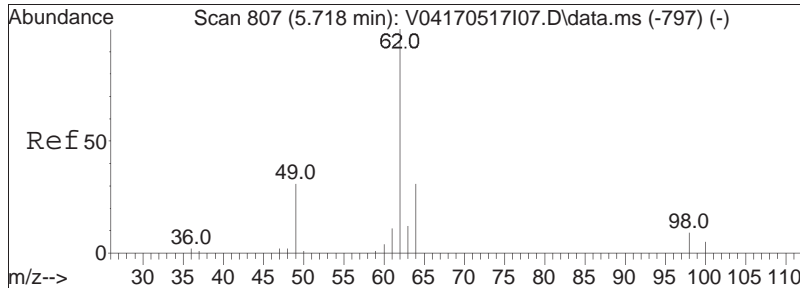




#41
Benzene
Concen: 16.75 ug/L
RT: 5.503 min Scan# 766
Delta R.T. 0.000 min
Lab File: V04170716A01.D
Acq: 16 Jul 2017 7:59

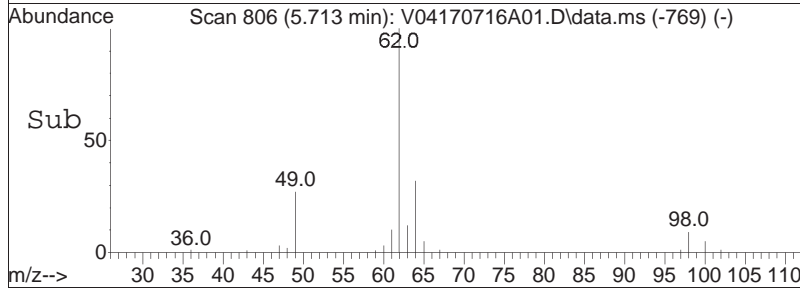
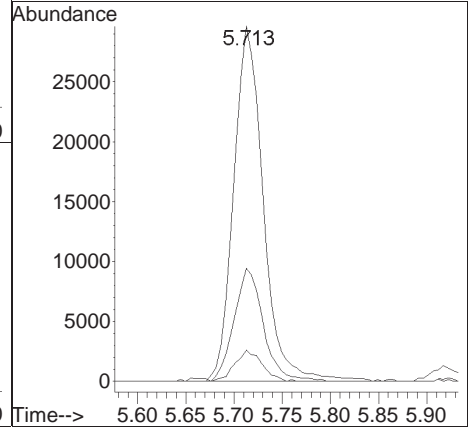
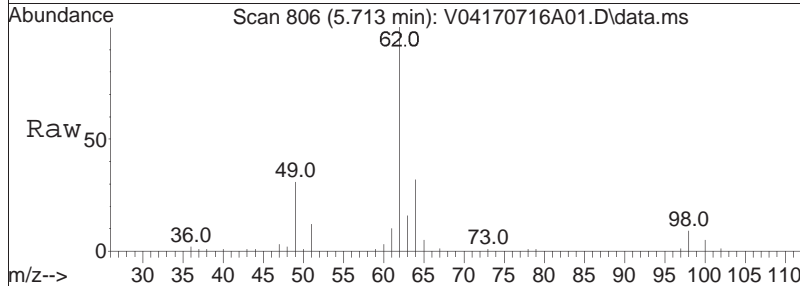
Tgt Ion	Resp	Lower	Upper
78	162597		
77	23.2	15.2	31.6
51	21.2	14.1	29.3
52	20.4	14.0	29.2

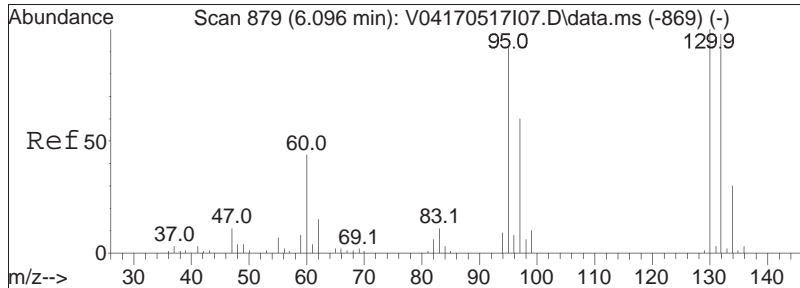




#44
 1,2-Dichloroethane
 Concen: 18.04 ug/L
 RT: 5.713 min Scan# 806
 Delta R.T. -0.005 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

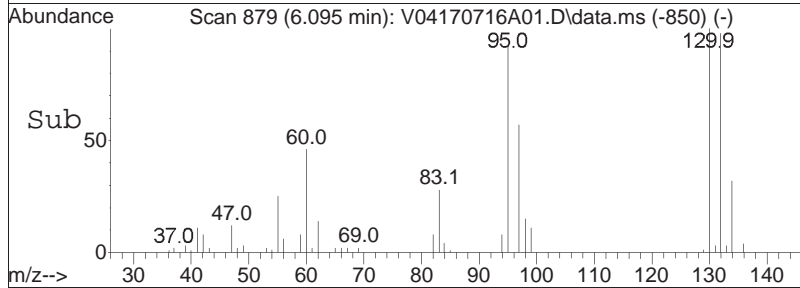
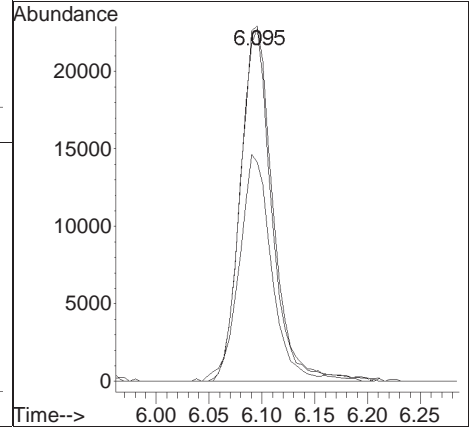
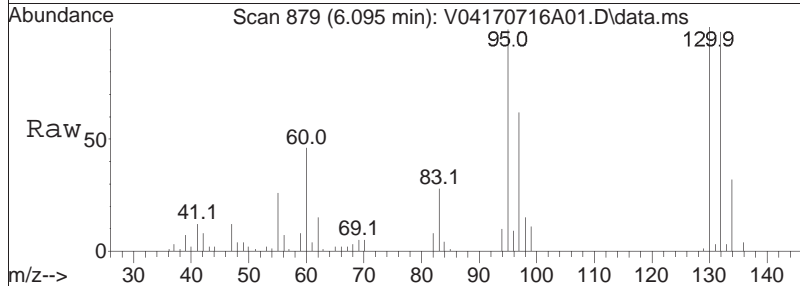
Tgt Ion:	Resp:		
Ion Ratio	Lower	Upper	
62	100		
64	31.5	11.2	51.2
98	8.1	0.0	27.3

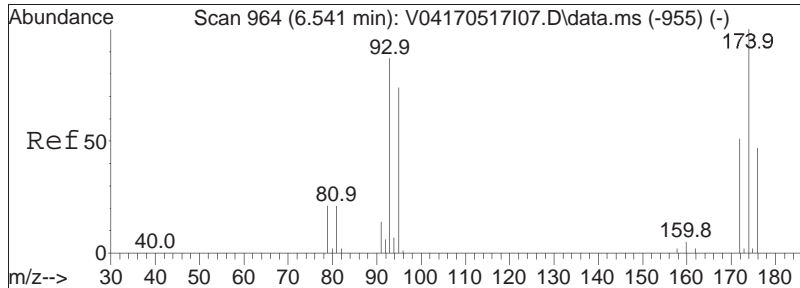




#48
 Trichloroethene
 Concen: 17.91 ug/L
 RT: 6.095 min Scan# 879
 Delta R.T. -0.001 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

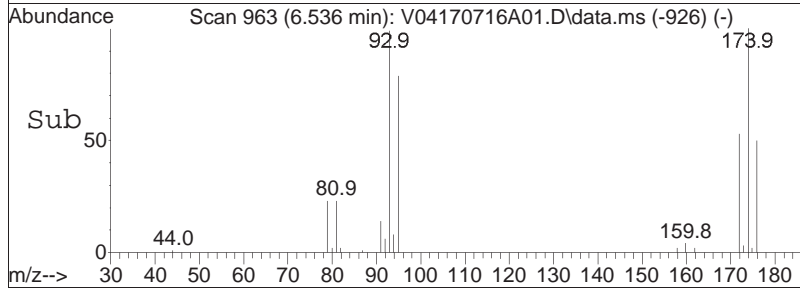
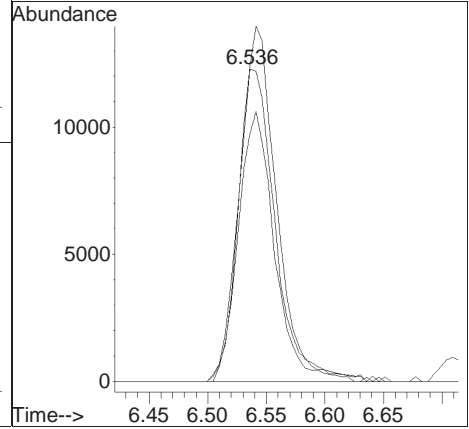
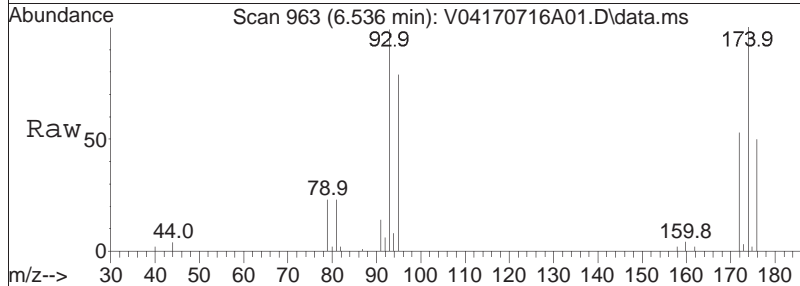
Tgt Ion:	95	Resp:	47242
Ion Ratio	Lower	Upper	
95	100		
97	66.9	54.8	82.2
130	104.5	85.8	128.6

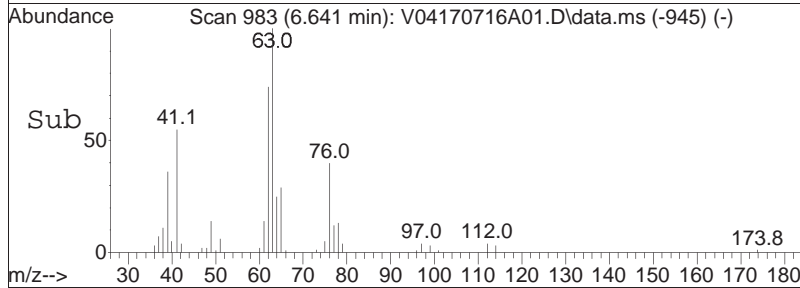
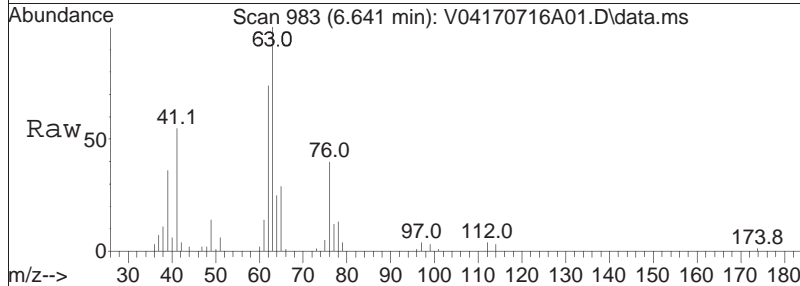
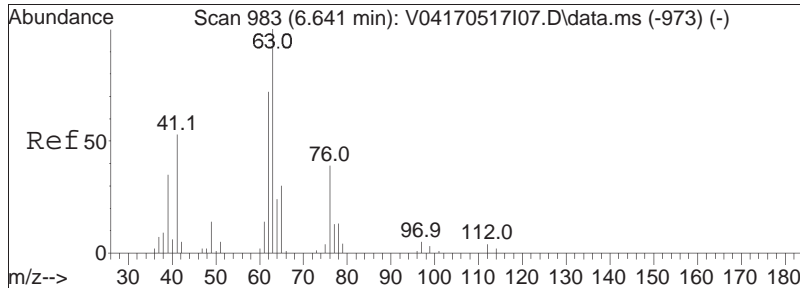




#50
 Dibromomethane
 Concen: 17.65 ug/L
 RT: 6.536 min Scan# 963
 Delta R.T. -0.005 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

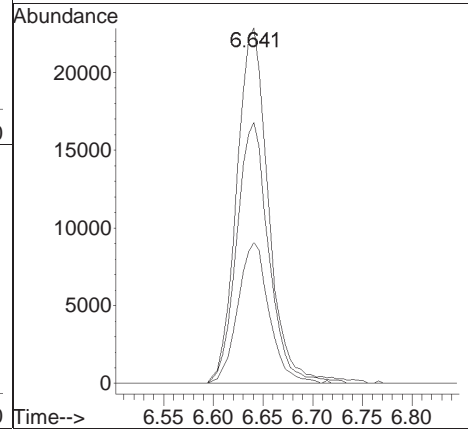
Tgt Ion	Resp	Lower	Upper
93	27513		
93	100		
95	82.8	67.3	100.9
174	111.2	94.1	141.1

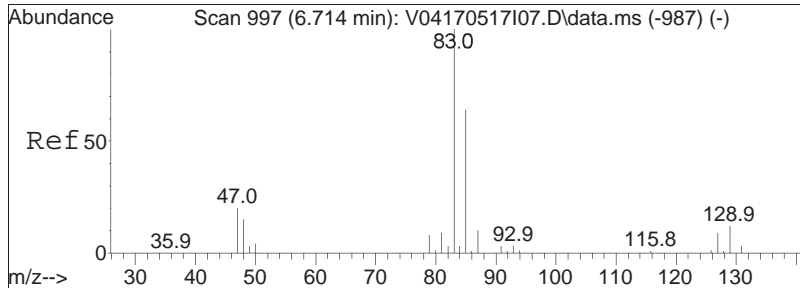




#51
 1,2-Dichloropropane
 Concen: 18.19 ug/L
 RT: 6.641 min Scan# 983
 Delta R.T. -0.000 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

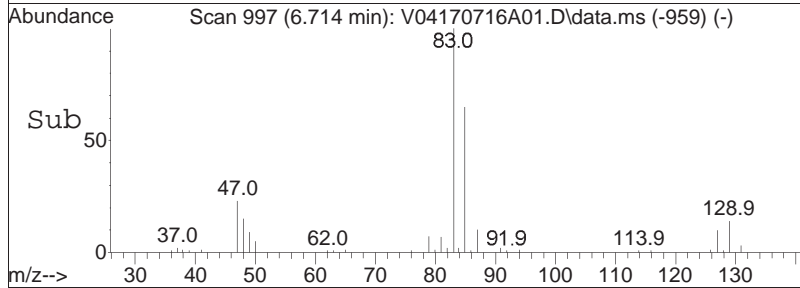
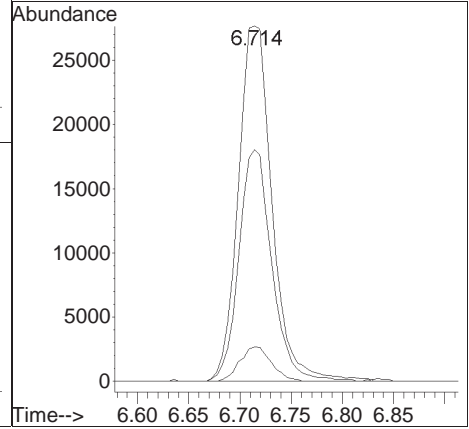
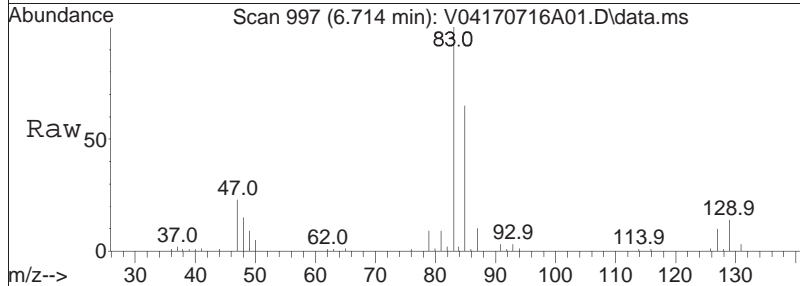
Tgt Ion:	Resp:		
Ion	Ratio	Lower	Upper
63	100		
62	73.8	57.9	86.9
76	38.9	26.1	39.1

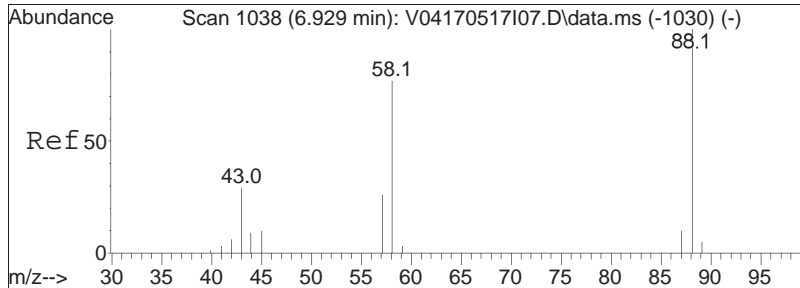




#54
 Bromodichloromethane
 Concen: 18.38 ug/L
 RT: 6.714 min Scan# 997
 Delta R.T. 0.000 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

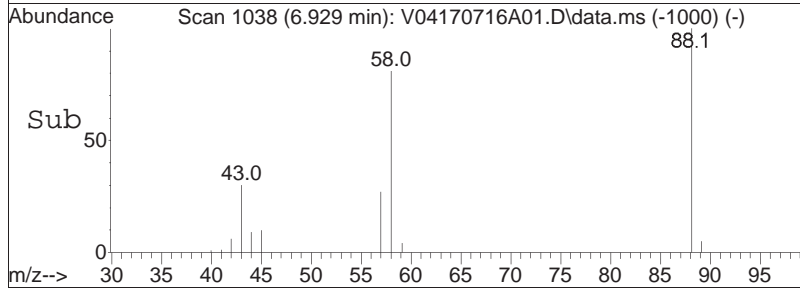
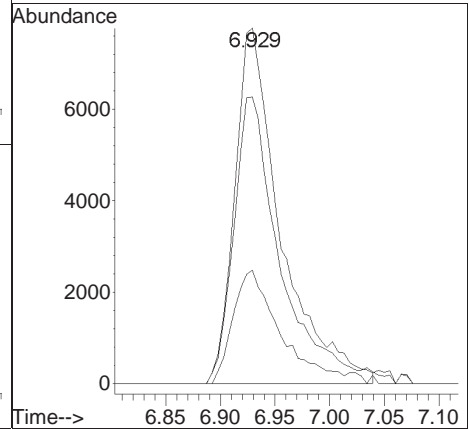
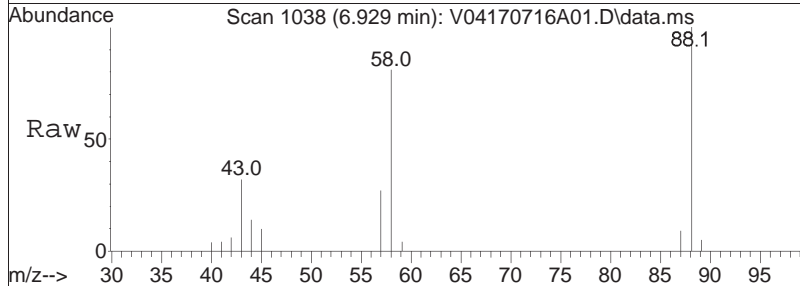
Tgt Ion	Resp	Lower	Upper
83	100		
85	63.5	51.5	77.3
127	9.1	7.1	10.7

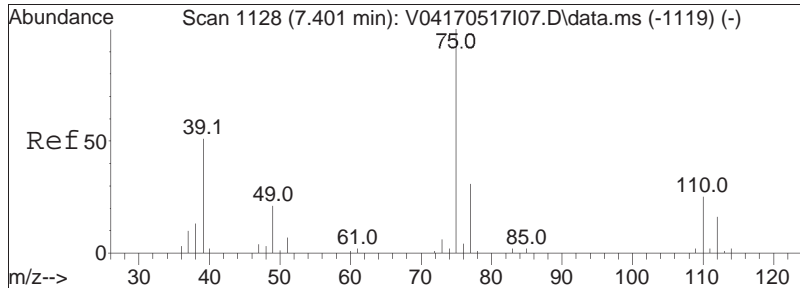




#57
 1,4-Dioxane
 Concen: 1037.68 ug/L
 RT: 6.929 min Scan# 1038
 Delta R.T. 0.000 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

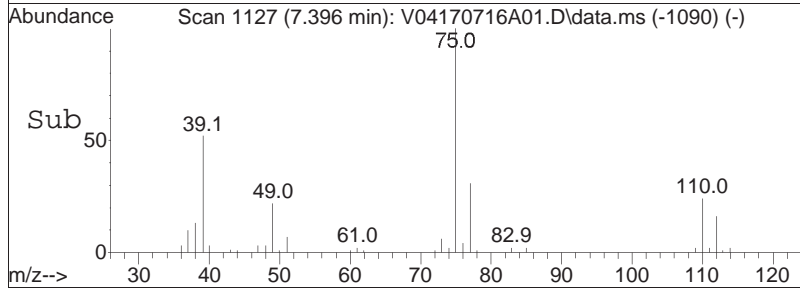
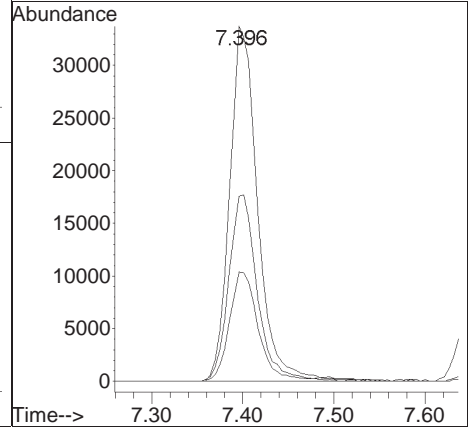
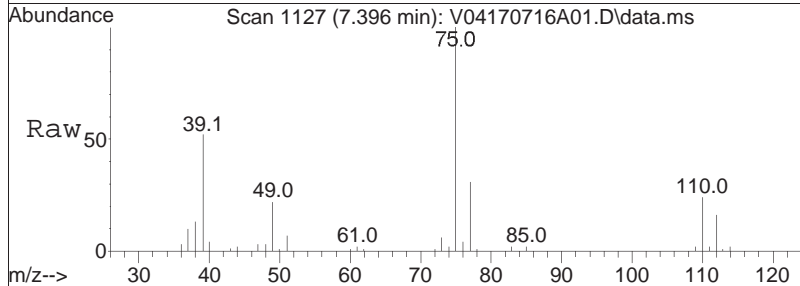
Tgt Ion:	88	Resp:	22761
Ion Ratio	Lower	Upper	
88	100		
58	81.8	72.2	108.2
43	32.5	28.1	42.1

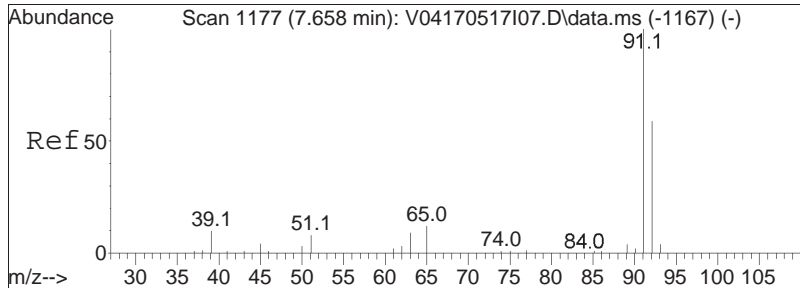




#58
 cis-1,3-Dichloropropene
 Concen: 17.21 ug/L
 RT: 7.396 min Scan# 1127
 Delta R.T. -0.005 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

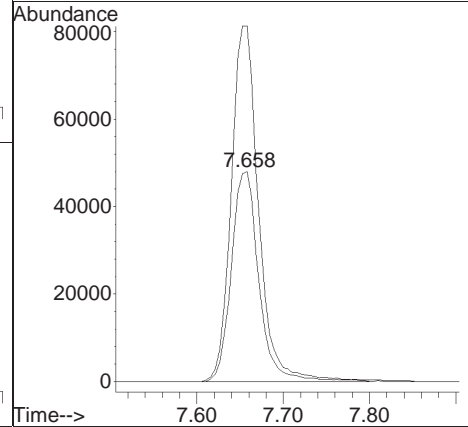
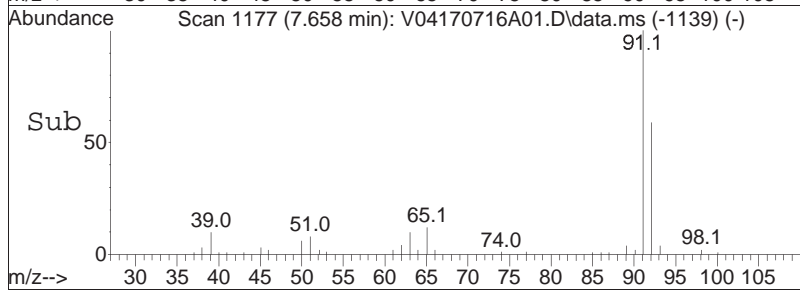
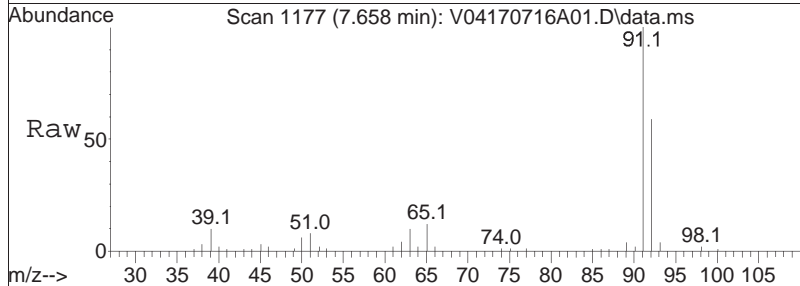
Tgt Ion:	75	Resp:	72561
Ion Ratio	Lower	Upper	
75	100		
77	32.0	25.3	37.9
39	52.9	42.6	64.0

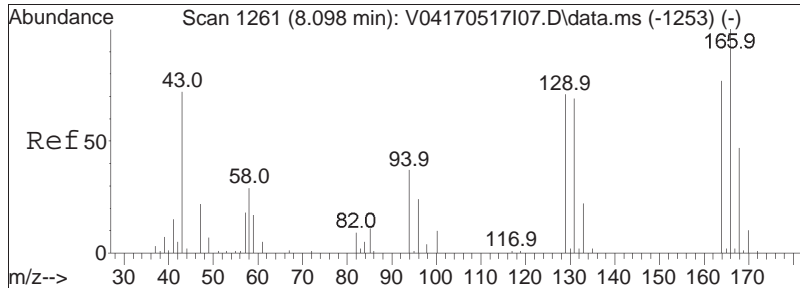




#61
 Toluene
 Concen: 18.65 ug/L
 RT: 7.658 min Scan# 1177
 Delta R.T. -0.000 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

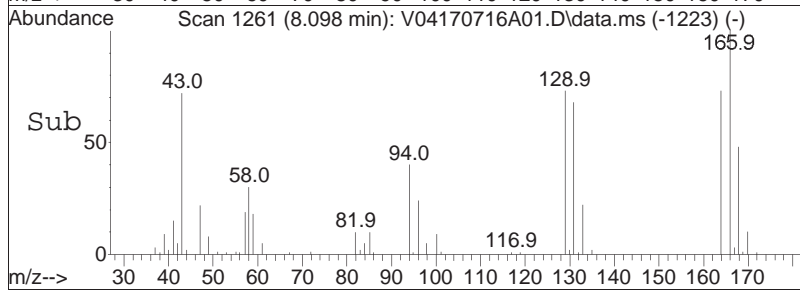
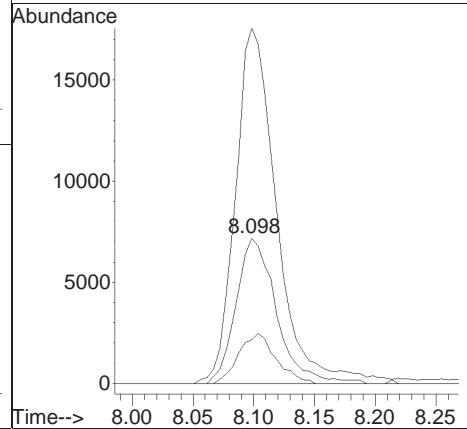
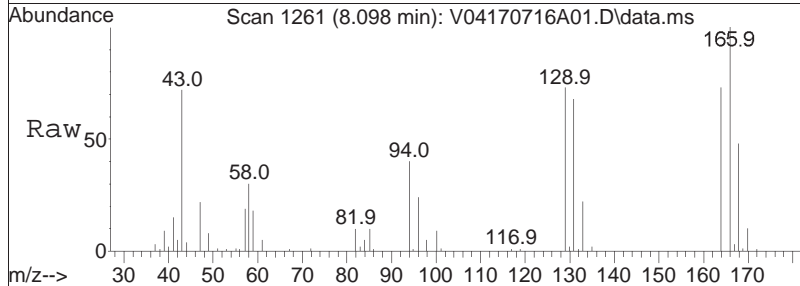
Tgt Ion: 92 Resp: 106141
 Ion Ratio Lower Upper
 92 100
 91 169.1 135.4 203.2

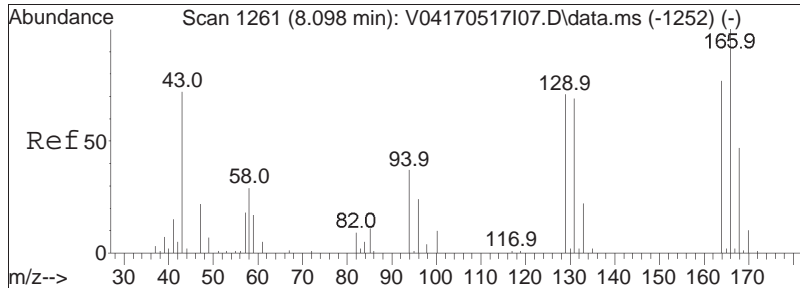




#62
 4-Methyl-2-pentanone
 Concen: 19.70 ug/L
 RT: 8.098 min Scan# 1261
 Delta R.T. 0.000 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

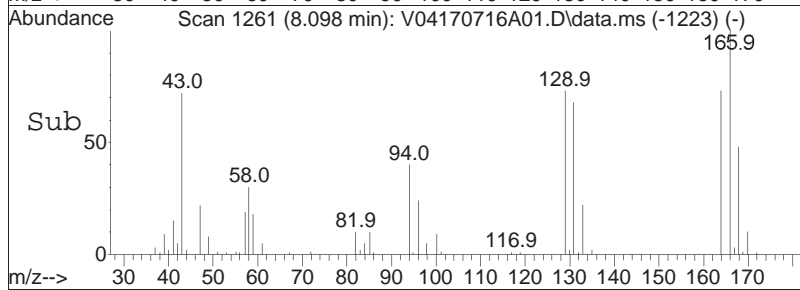
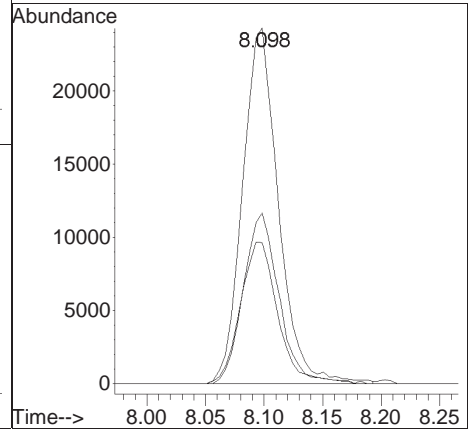
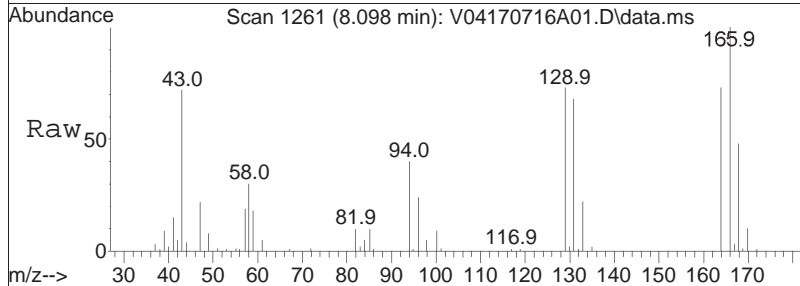
Tgt Ion:	Resp:		
Ion	Ratio	Lower	Upper
58	100		
100	31.7	22.2	33.2
43	251.1	188.5	282.7

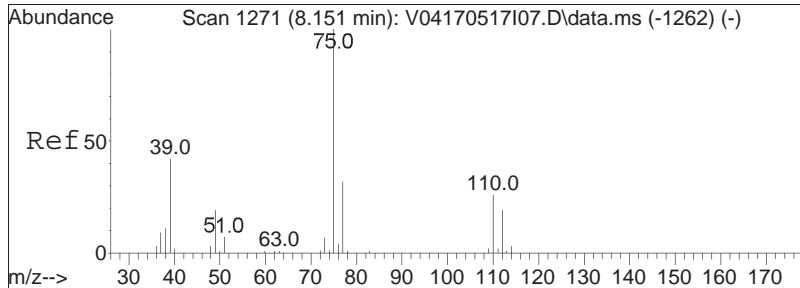




#63
 Tetrachloroethene
 Concen: 18.57 ug/L
 RT: 8.098 min Scan# 1261
 Delta R.T. 0.000 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

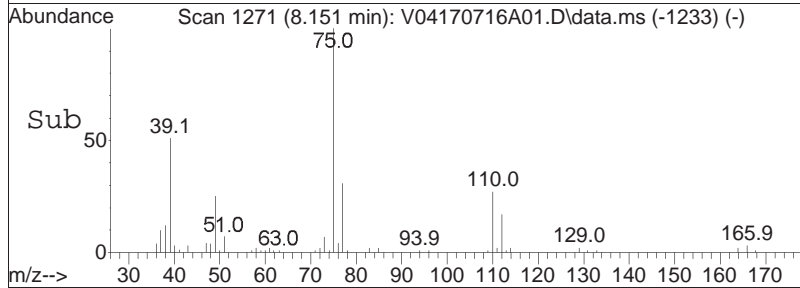
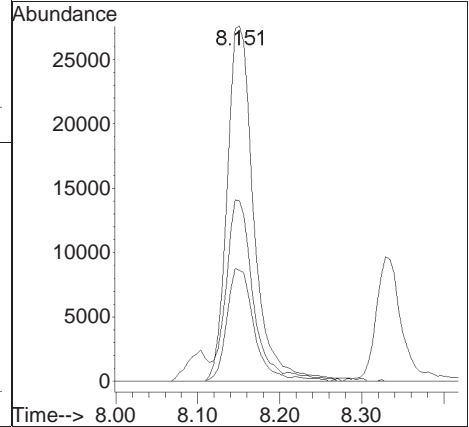
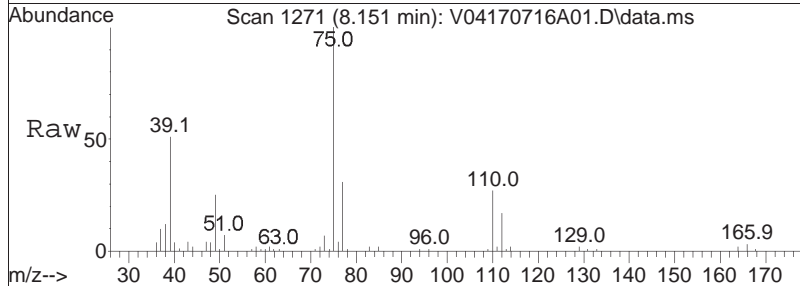
Tgt Ion	Resp	Lower	Upper
166	100		
168	47.5	27.3	67.3
94	41.4	17.1	57.1

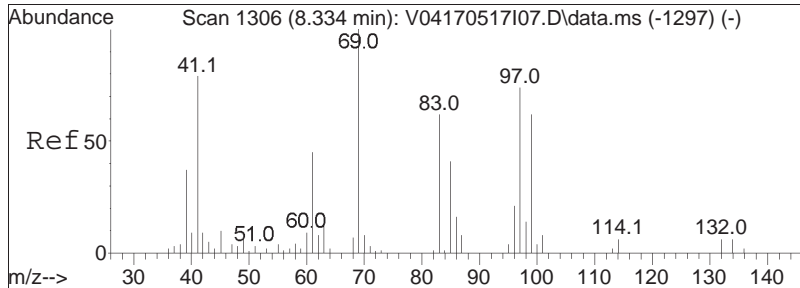




#65
 trans-1,3-Dichloropropene
 Concen: 19.29 ug/L
 RT: 8.151 min Scan# 1271
 Delta R.T. -0.000 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

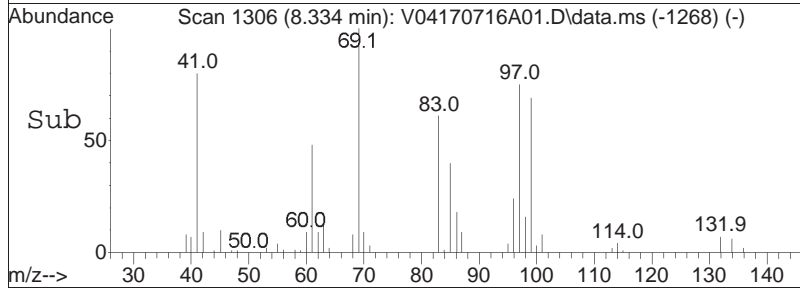
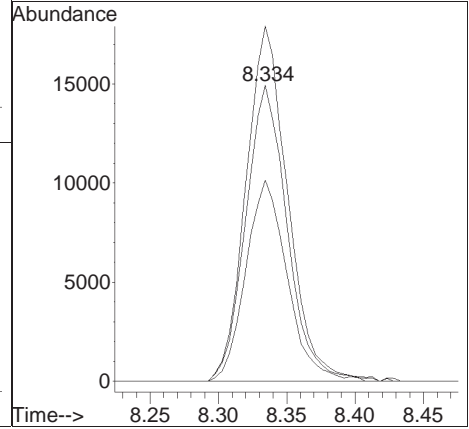
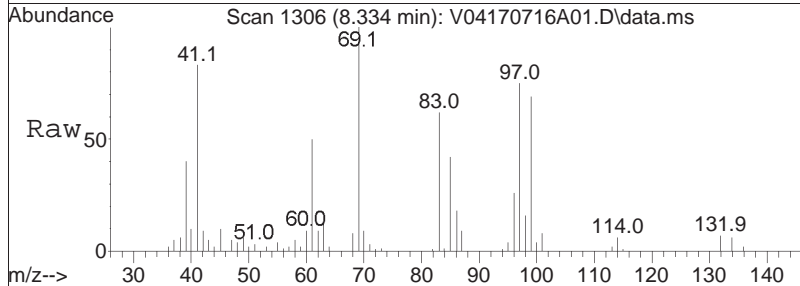
Tgt Ion	Resp	Lower	Upper
75	100		
77	31.6	11.9	51.9
39	52.3	31.2	71.2

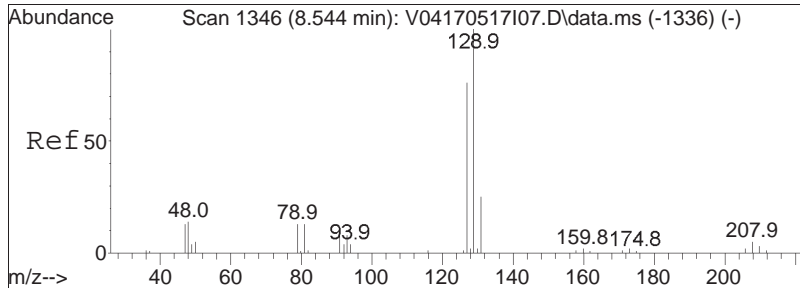




#68
 1,1,2-Trichloroethane
 Concen: 18.40 ug/L
 RT: 8.334 min Scan# 1306
 Delta R.T. 0.000 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

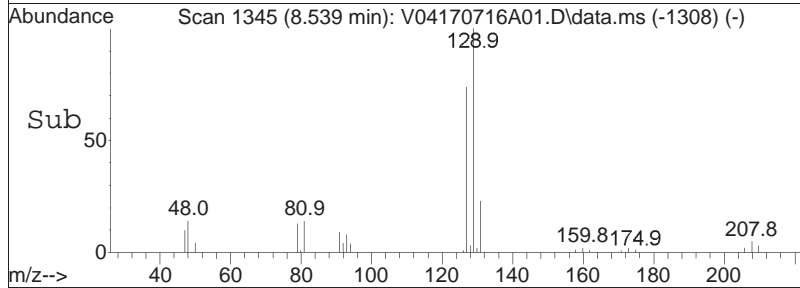
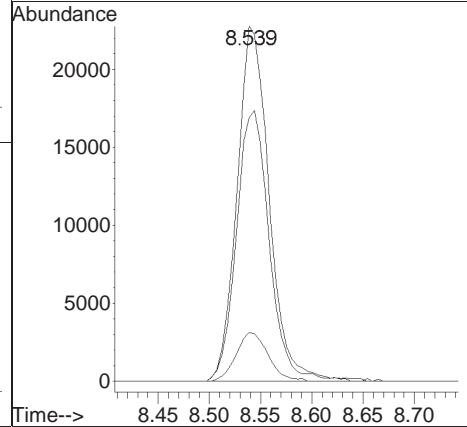
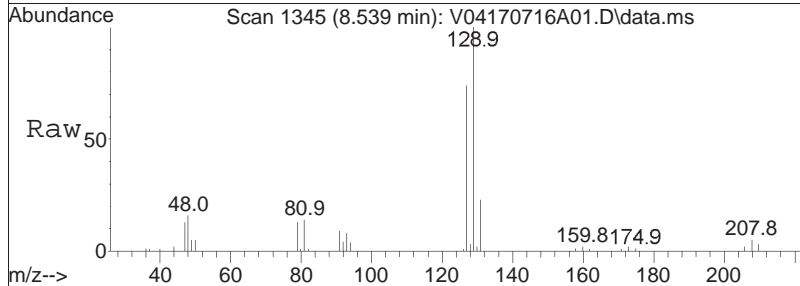
Tgt Ion	Resp	Lower	Upper
83	31514		
83	100		
97	121.2	95.8	135.8
85	68.4	47.8	87.8

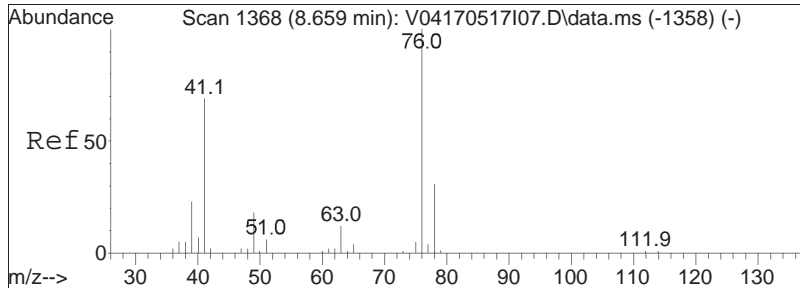




#69
 Chlorodibromomethane
 Concen: 18.18 ug/L
 RT: 8.539 min Scan# 1345
 Delta R.T. -0.005 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

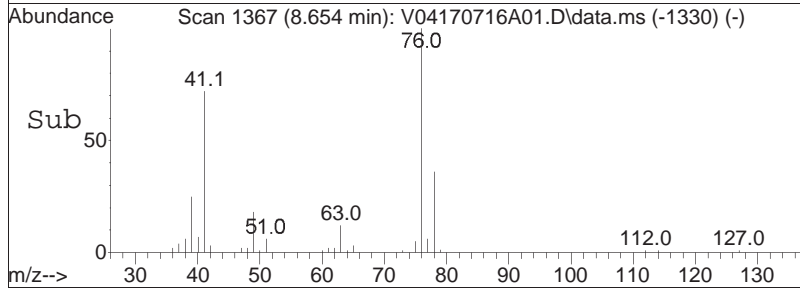
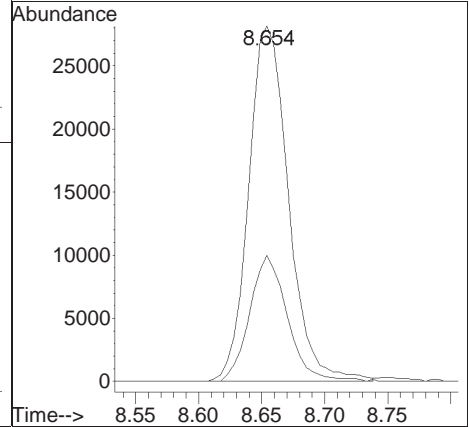
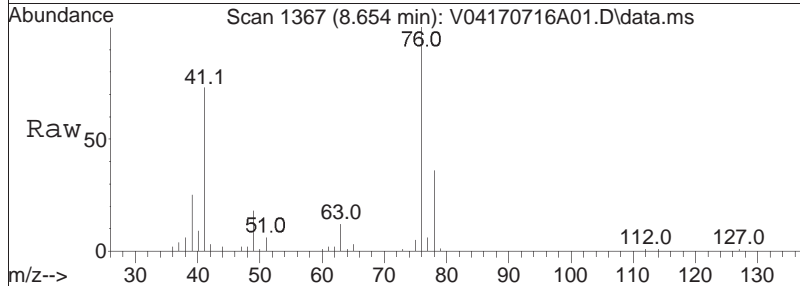
Tgt Ion	Resp	Lower	Upper
129	49898		
129	100		
81	13.7	0.0	33.6
127	77.7	56.6	96.6

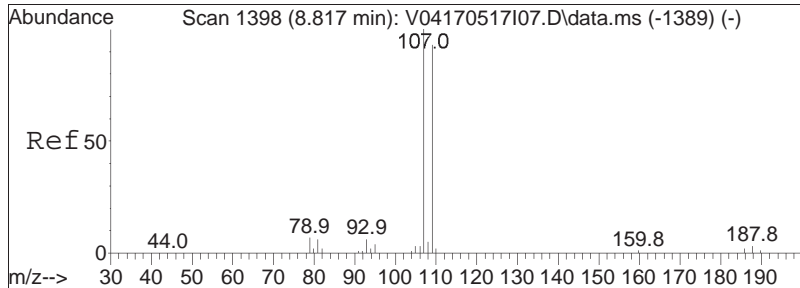




#70
 1,3-Dichloropropane
 Concen: 18.70 ug/L
 RT: 8.654 min Scan# 1367
 Delta R.T. -0.005 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

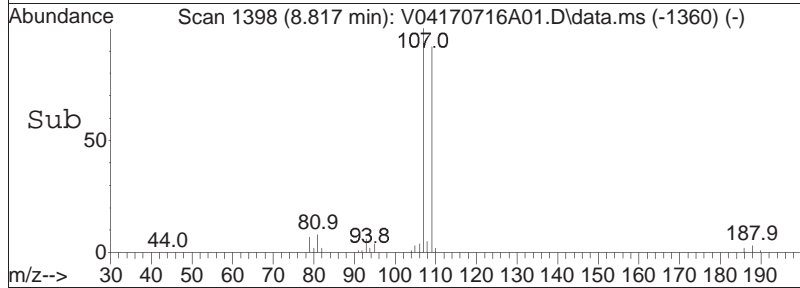
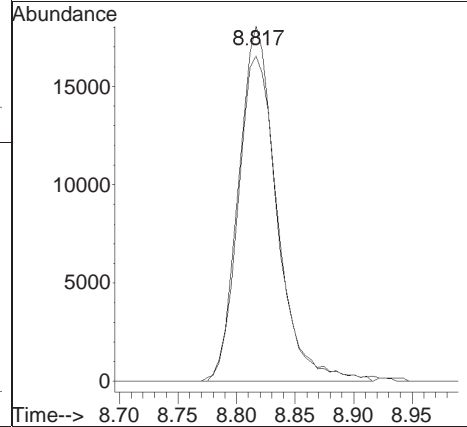
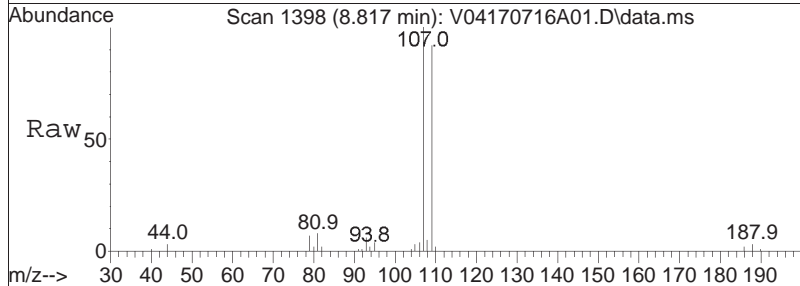
Tgt Ion:	Resp:		
Ion Ratio	Lower	Upper	
76	100		
78	33.5	25.4	38.2

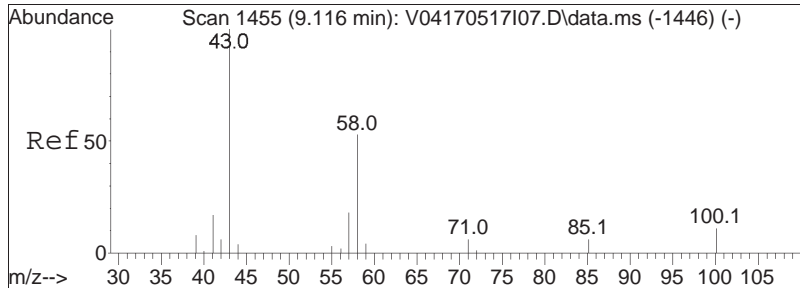




#71
 1,2-Dibromoethane
 Concen: 18.57 ug/L
 RT: 8.817 min Scan# 1398
 Delta R.T. -0.000 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

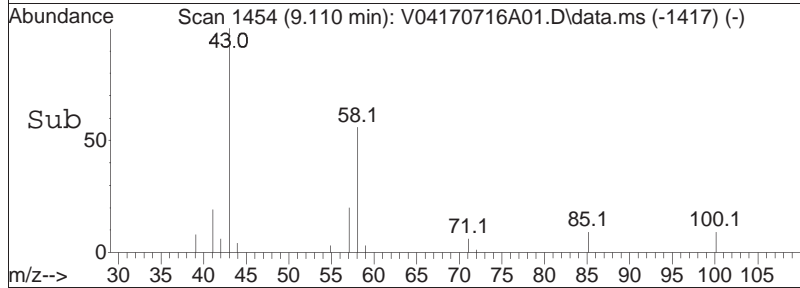
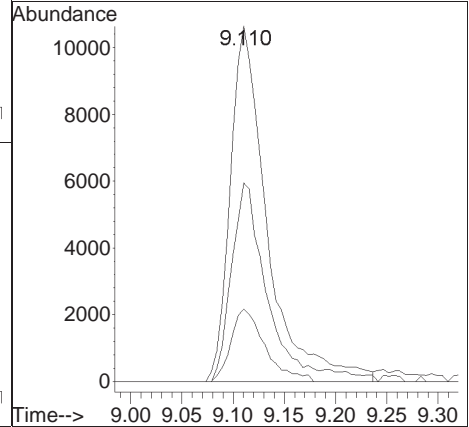
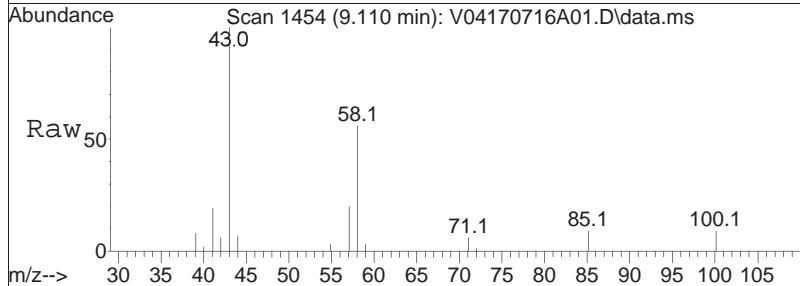
Tgt Ion: 107 Resp: 40987
 Ion Ratio Lower Upper
 107 100
 109 95.1 75.1 112.7

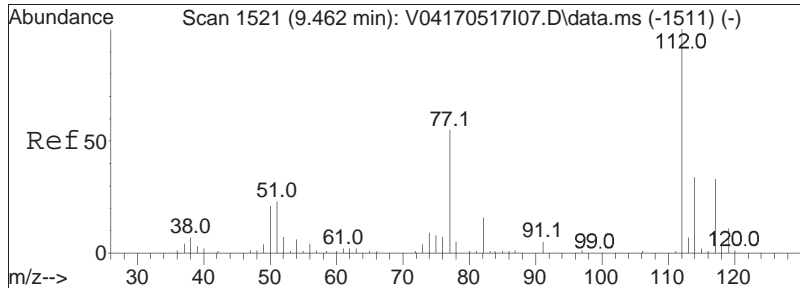




#72
 2-Hexanone
 Concen: 19.41 ug/L
 RT: 9.110 min Scan# 1454
 Delta R.T. -0.006 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

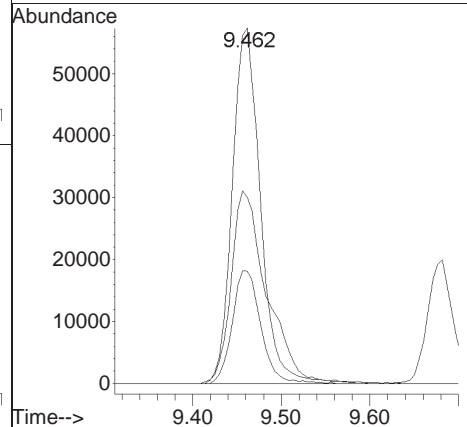
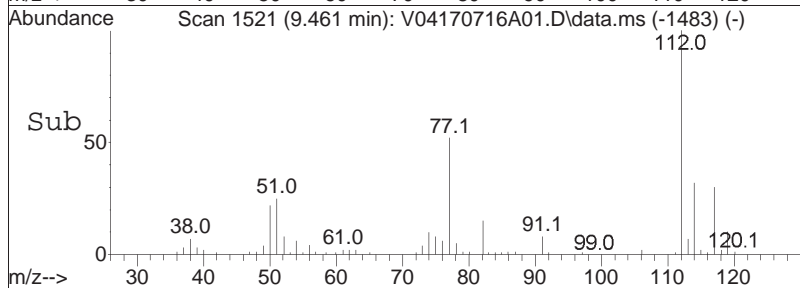
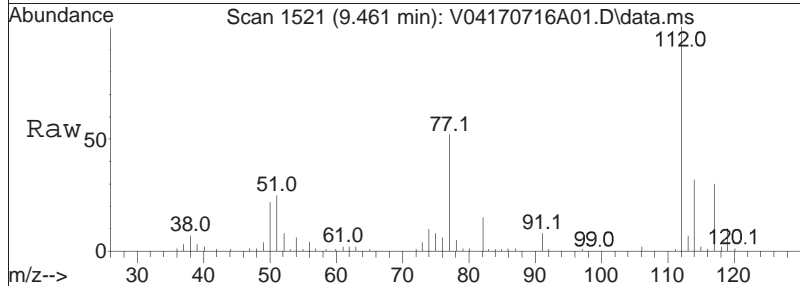
Tgt Ion:	Resp:		
Ion Ratio	Lower	Upper	
43	100		
58	54.6	46.3	69.5
57	18.7	16.1	24.1

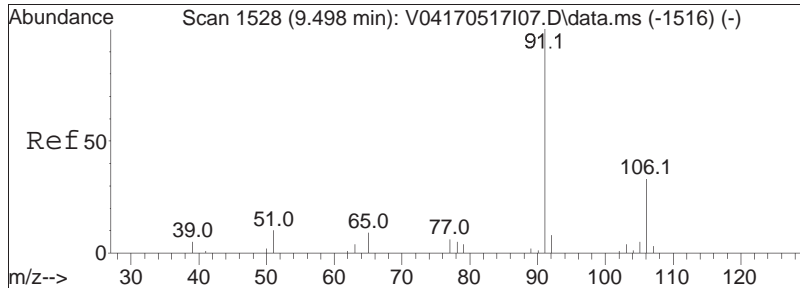




#73
 Chlorobenzene
 Concen: 18.10 ug/L
 RT: 9.461 min Scan# 1521
 Delta R.T. -0.001 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

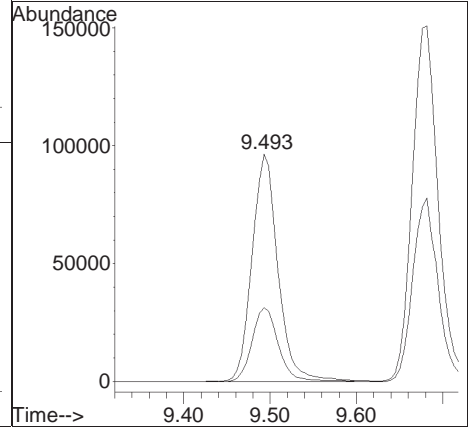
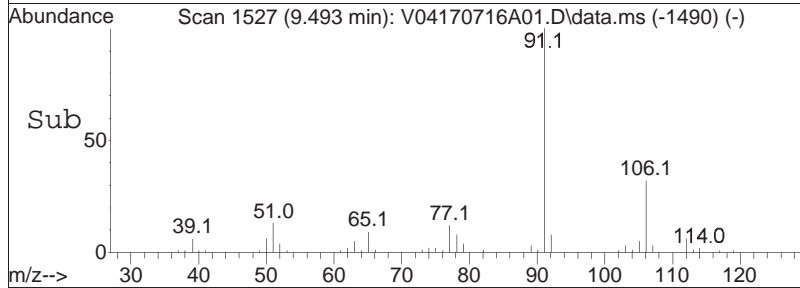
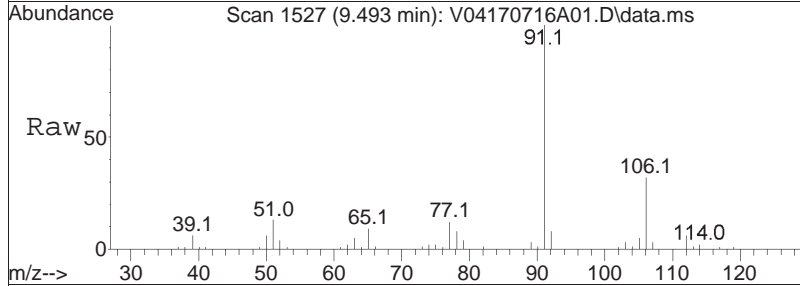
Tgt Ion	Ratio	Lower	Upper
112	100		
77	69.0	54.7	82.1
114	32.1	25.4	38.2

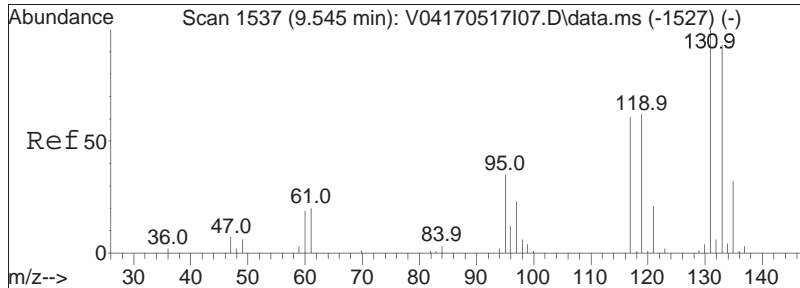




#74
 Ethylbenzene
 Concen: 18.45 ug/L
 RT: 9.493 min Scan# 1527
 Delta R.T. -0.005 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

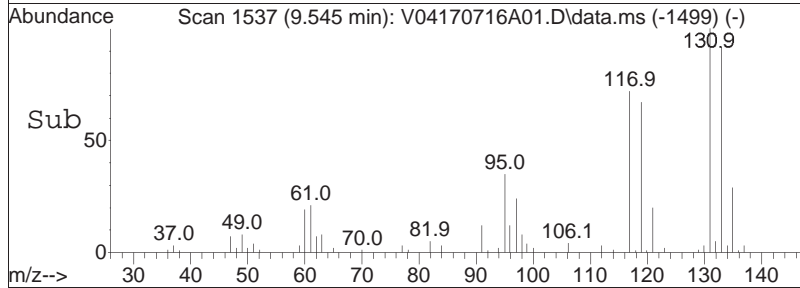
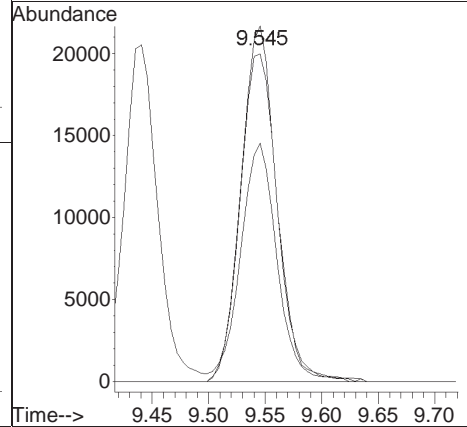
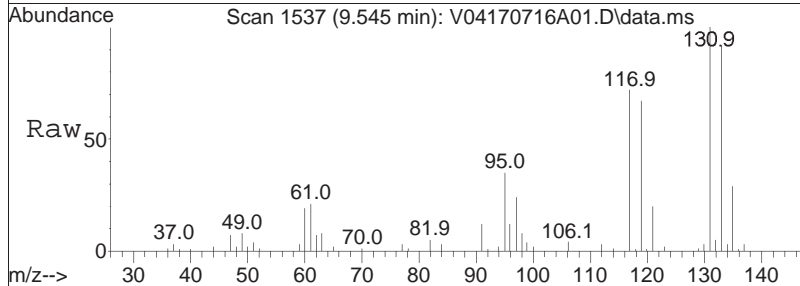
Tgt Ion: 91 Resp: 201839
 Ion Ratio Lower Upper
 91 100
 106 32.7 25.8 38.8

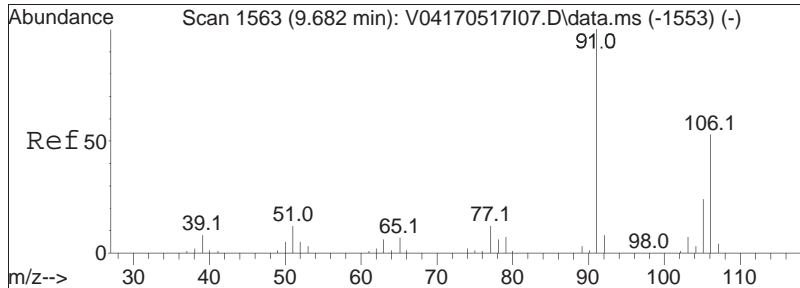




#75
 1,1,1,2-Tetrachloroethane
 Concen: 18.14 ug/L
 RT: 9.545 min Scan# 1537
 Delta R.T. 0.000 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

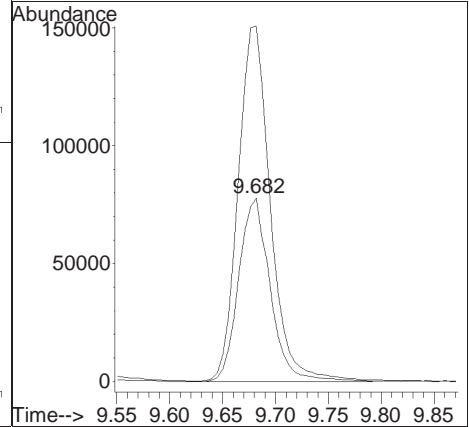
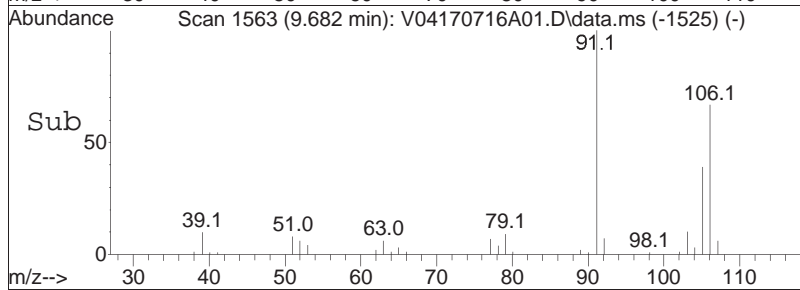
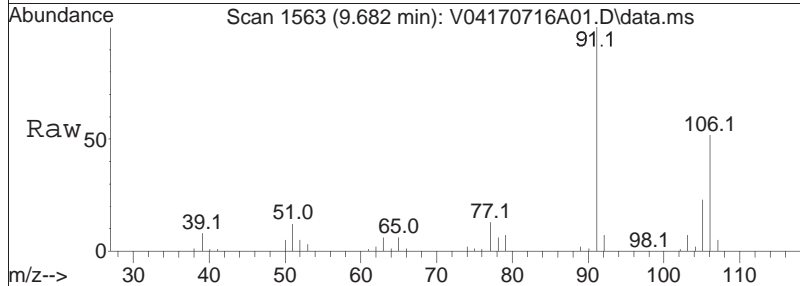
Tgt Ion	Resp	Lower	Upper
131	47827		
131	100		
133	95.9	77.7	117.7
119	68.1	45.6	85.6

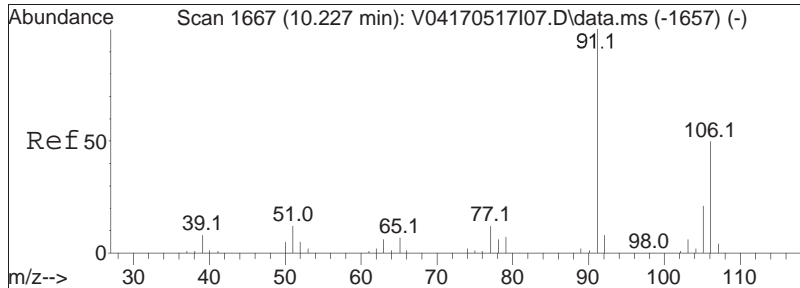




#76
 p/m Xylene
 Concen: 36.39 ug/L
 RT: 9.682 min Scan# 1563
 Delta R.T. -0.000 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

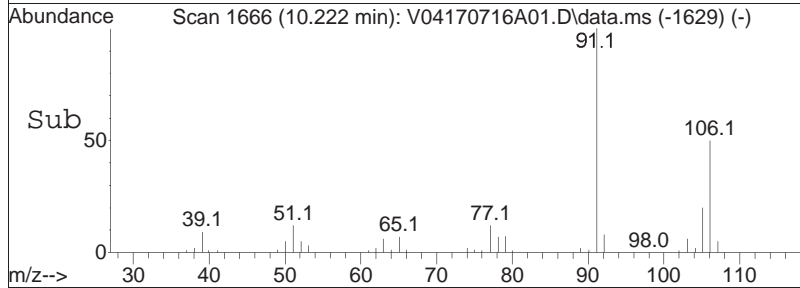
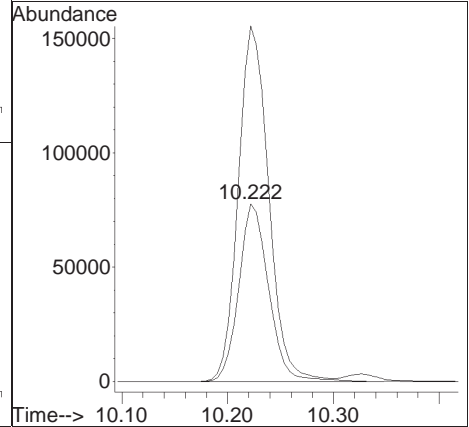
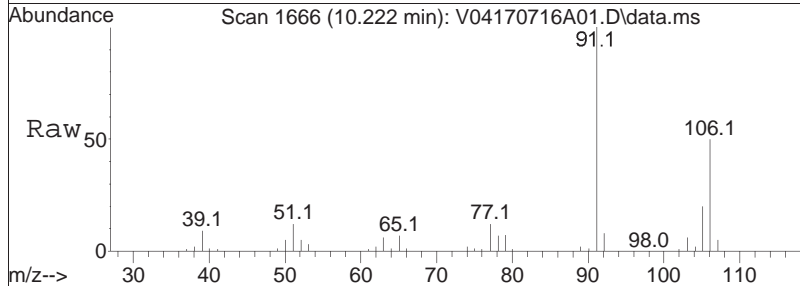
Tgt Ion	Resp	Lower	Upper
106	161236		
91	197.2	155.4	233.0

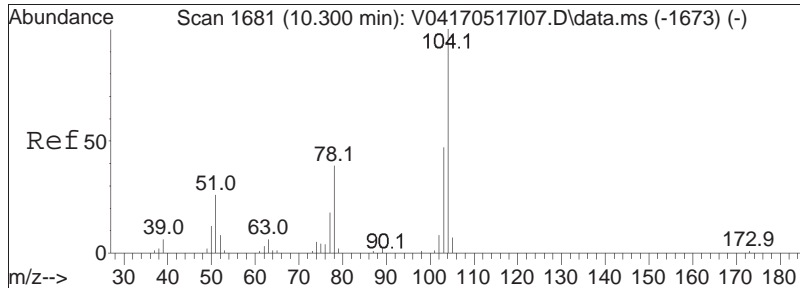




#77
 o Xylene
 Concen: 36.00 ug/L
 RT: 10.222 min Scan# 1666
 Delta R.T. -0.005 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

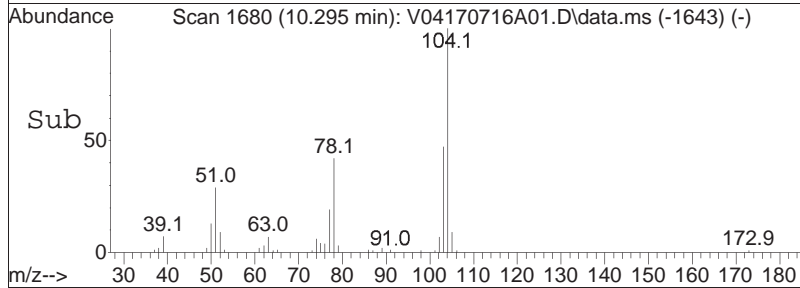
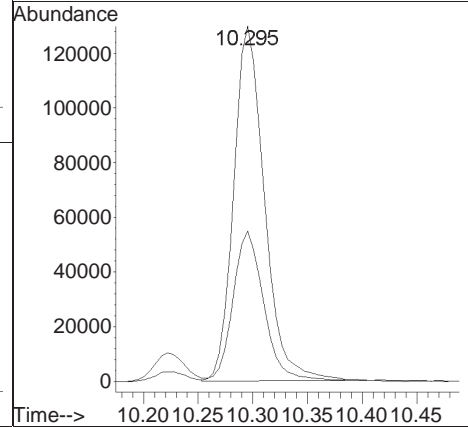
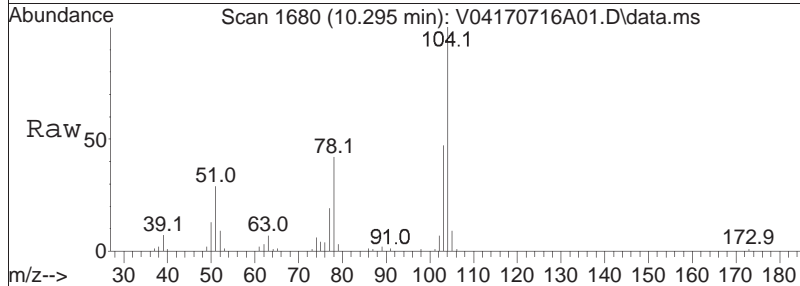
Tgt Ion	Resp	Lower	Upper
106	152056		
91	204.1	164.9	247.3

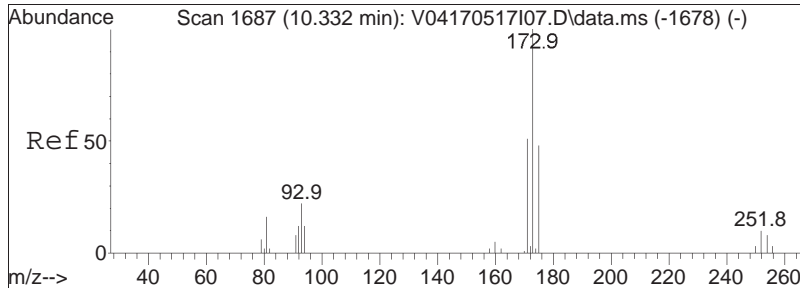




#78
 Styrene
 Concen: 36.01 ug/L
 RT: 10.295 min Scan# 1680
 Delta R.T. -0.005 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

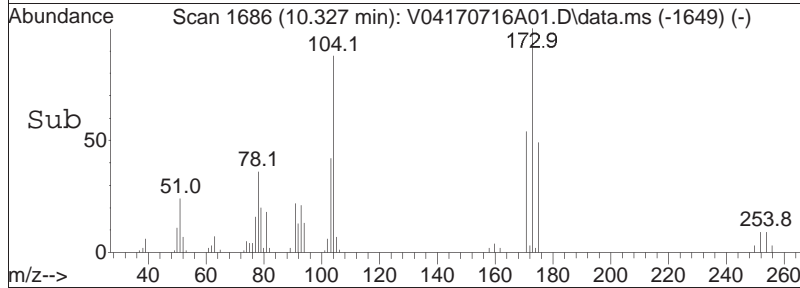
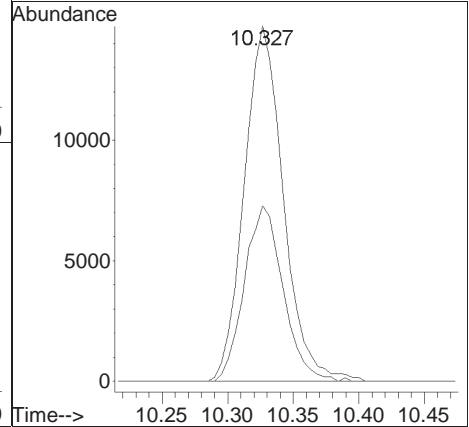
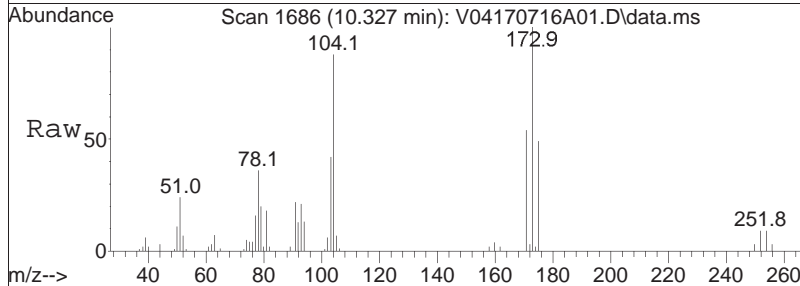
Tgt Ion	104	78	Resp	Lower	Upper
Ion Ratio	100	42.9		33.0	49.4

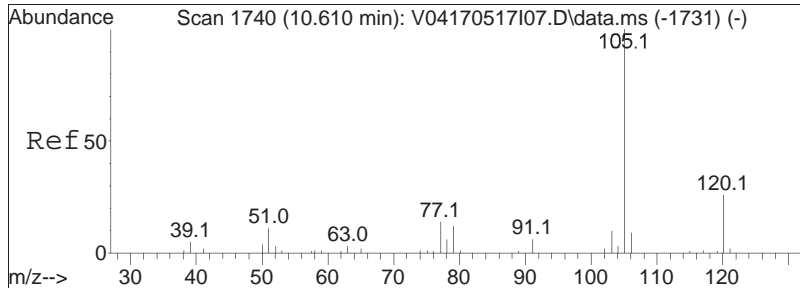




#80
 Bromoform
 Concen: 18.56 ug/L
 RT: 10.327 min Scan# 1686
 Delta R.T. -0.005 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

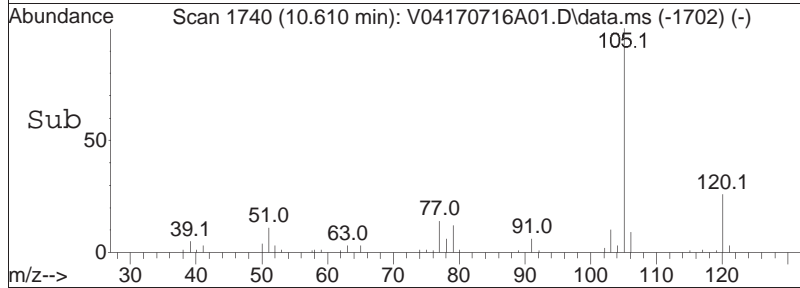
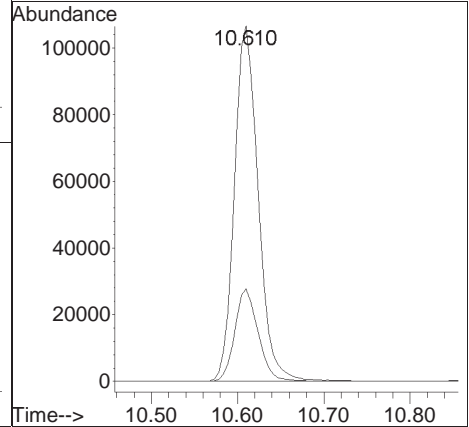
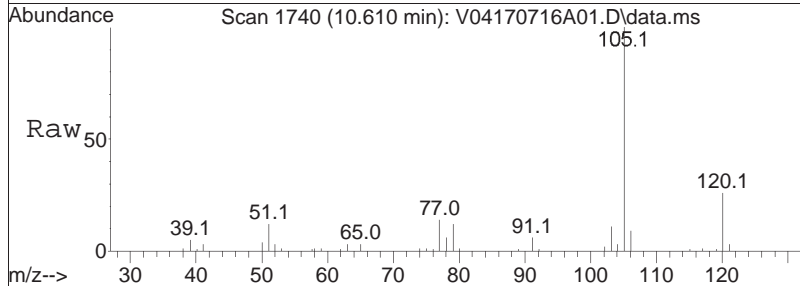
Tgt Ion:	173	Resp:	30610
Ion Ratio	Lower	Upper	
173	100		
175	48.9	28.1	68.1

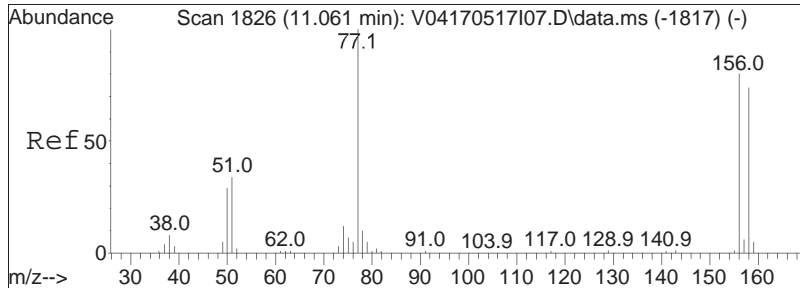




#82
 Isopropylbenzene
 Concen: 19.18 ug/L
 RT: 10.610 min Scan# 1740
 Delta R.T. -0.000 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

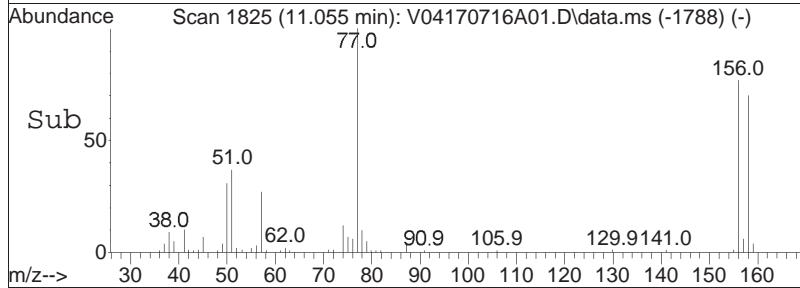
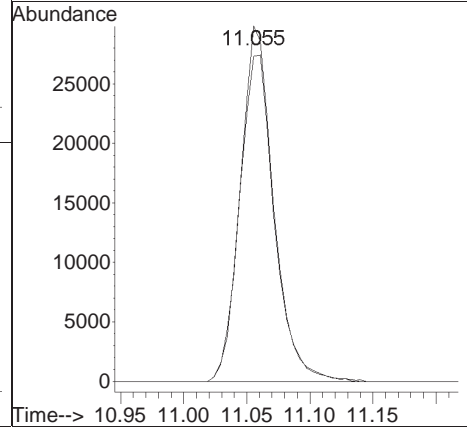
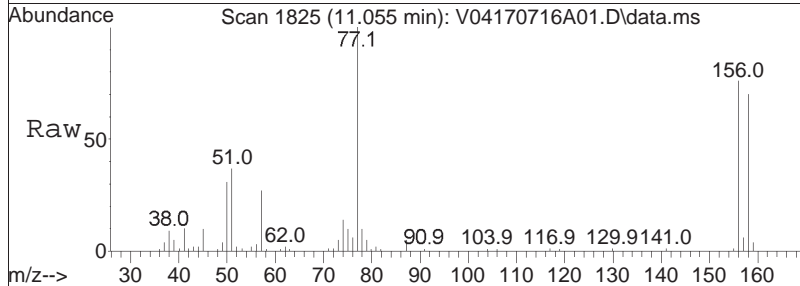
Tgt Ion	Resp	Lower	Upper
105	100		
120	25.5	6.3	46.3

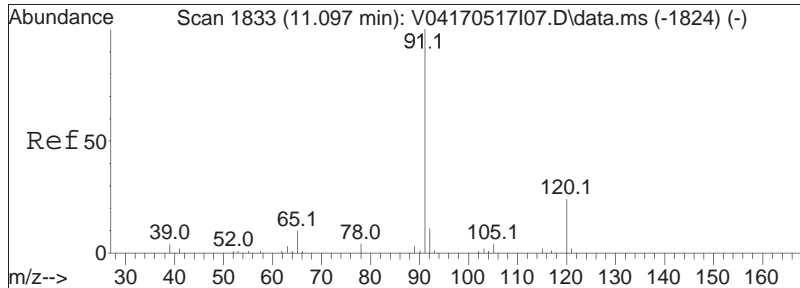




#84
 Bromobenzene
 Concen: 18.67 ug/L
 RT: 11.055 min Scan# 1825
 Delta R.T. -0.006 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

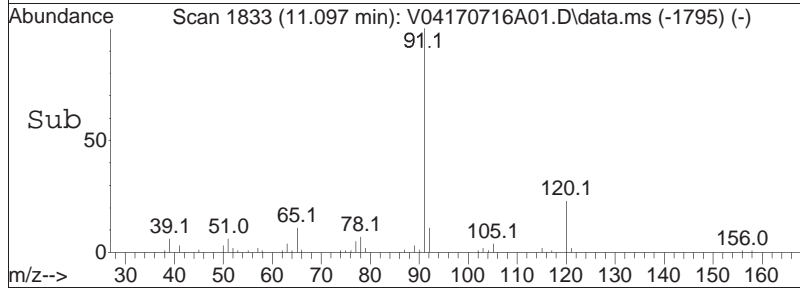
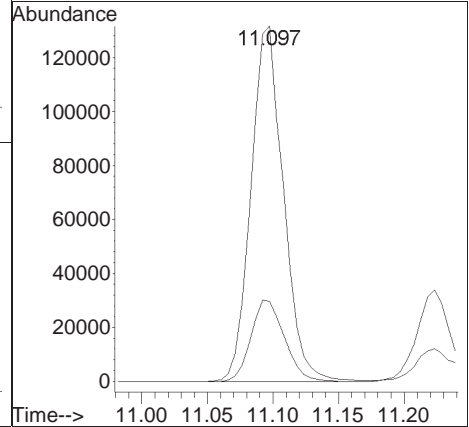
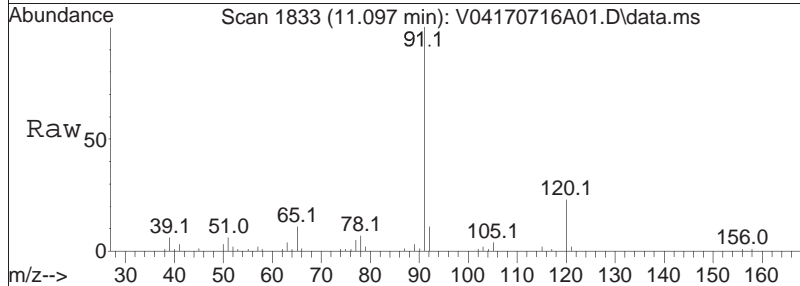
Tgt Ion	Resp	Lower	Upper
156	100		
158	96.1	78.2	117.4

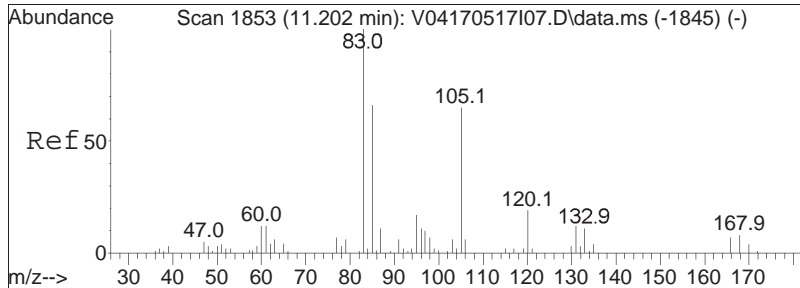




#85
 n-Propylbenzene
 Concen: 19.11 ug/L
 RT: 11.097 min Scan# 1833
 Delta R.T. 0.000 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

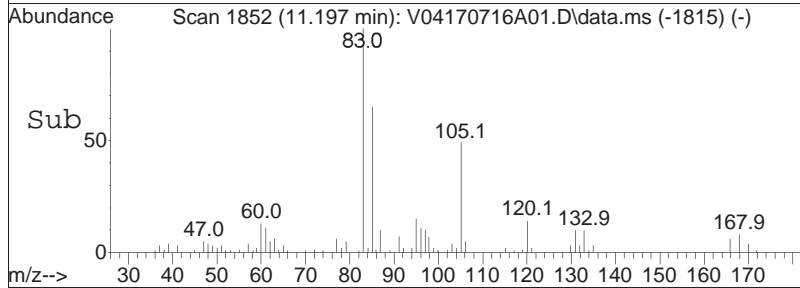
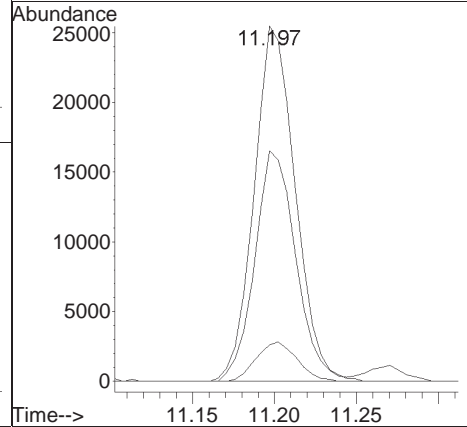
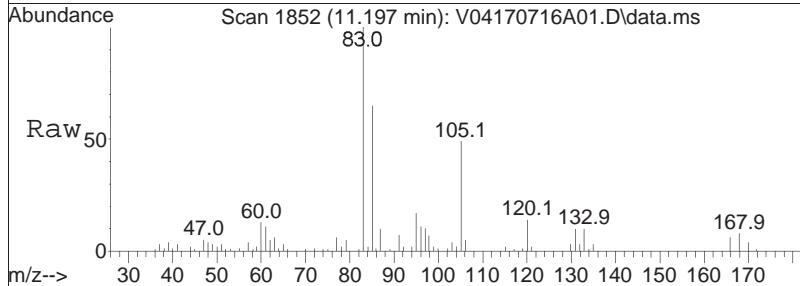
Tgt Ion: 91 Resp: 226218
 Ion Ratio Lower Upper
 91 100
 120 23.5 19.1 28.7

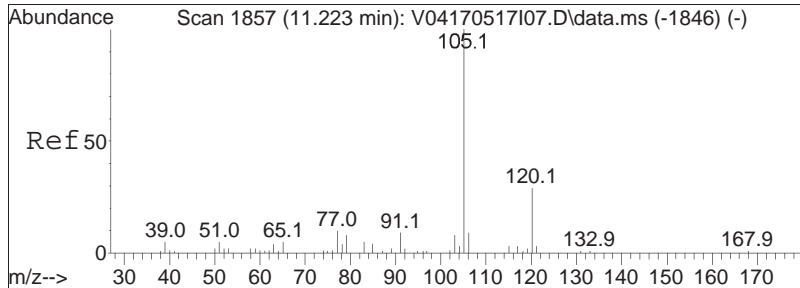




#87
 1,1,2,2-Tetrachloroethane
 Concen: 18.65 ug/L
 RT: 11.197 min Scan# 1852
 Delta R.T. -0.005 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

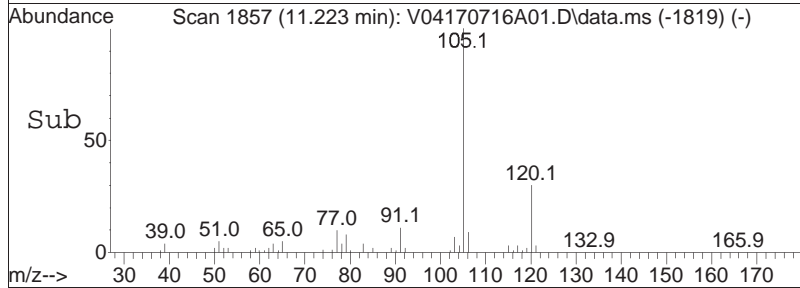
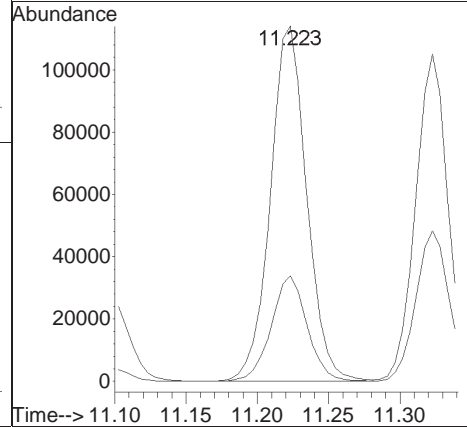
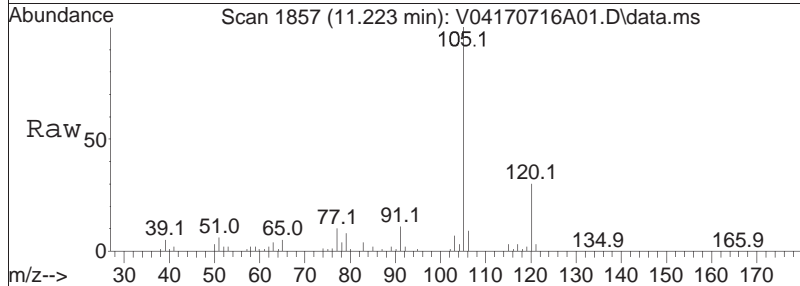
Tgt Ion	Resp	Lower	Upper
83	100		
131	11.0	0.0	30.9
85	64.8	45.3	85.3

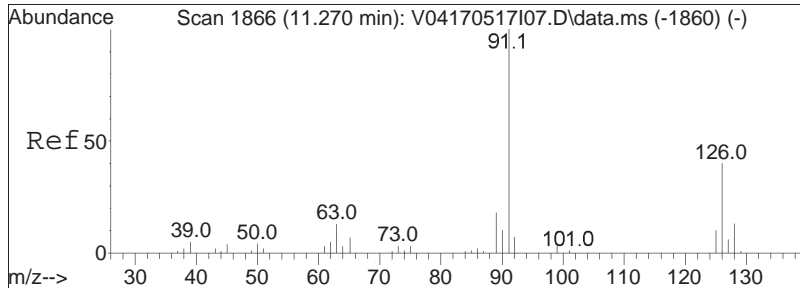




#88
 4-Ethyltoluene
 Concen: 19.68 ug/L
 RT: 11.223 min Scan# 1857
 Delta R.T. 0.000 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

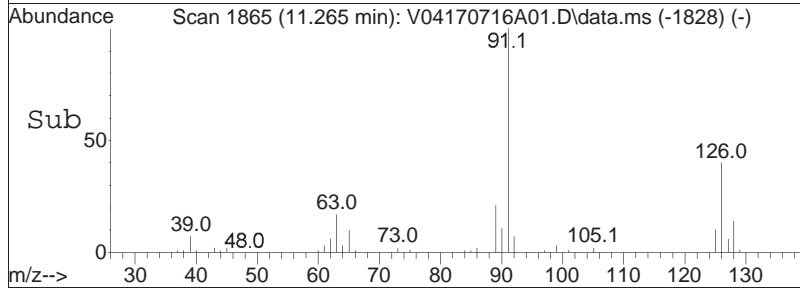
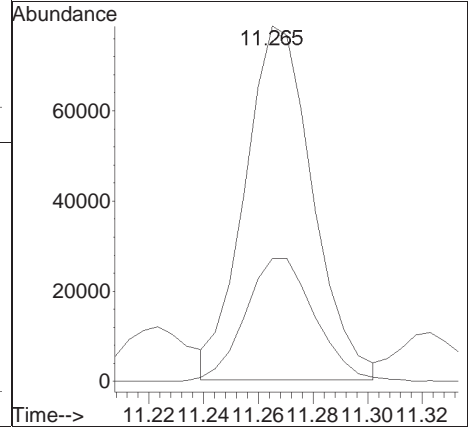
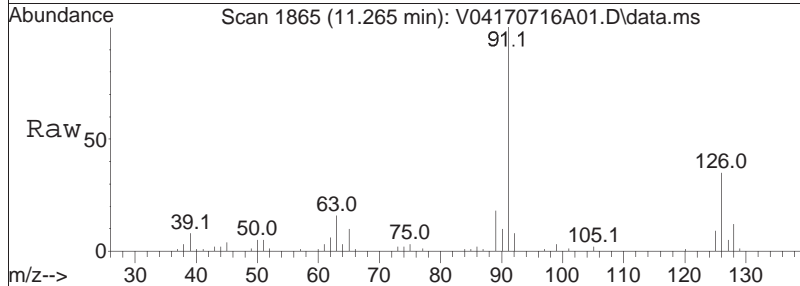
Tgt Ion	Resp	Lower	Upper
105	100		
120	29.3	19.5	40.5

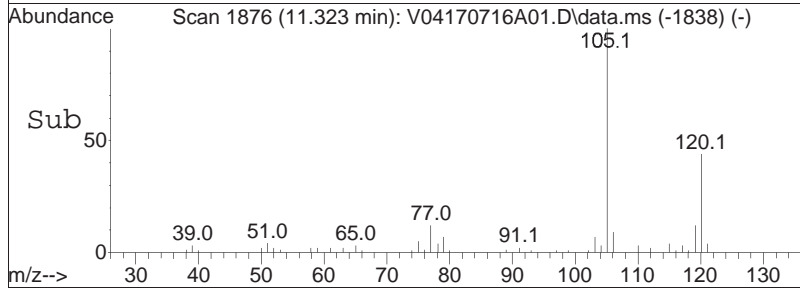
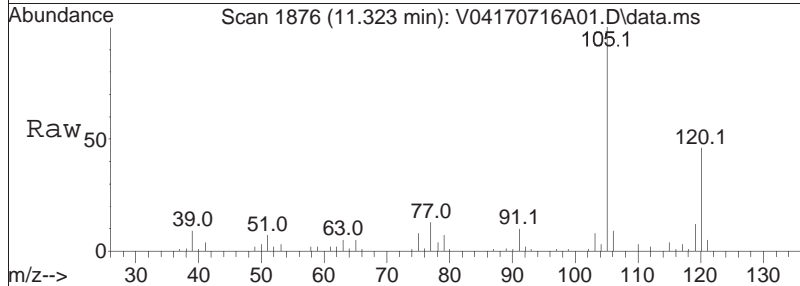
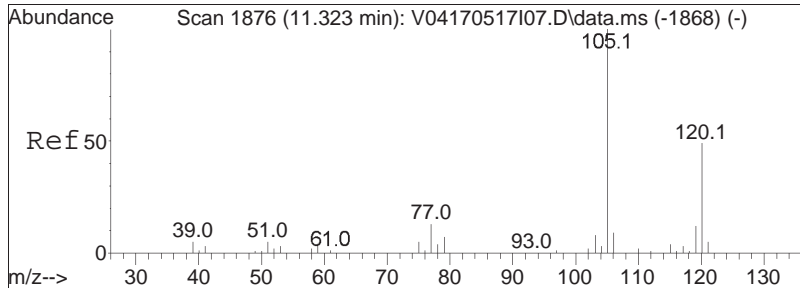




#89
 2-Chlorotoluene
 Concen: 18.87 ug/L
 RT: 11.265 min Scan# 1865
 Delta R.T. -0.005 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

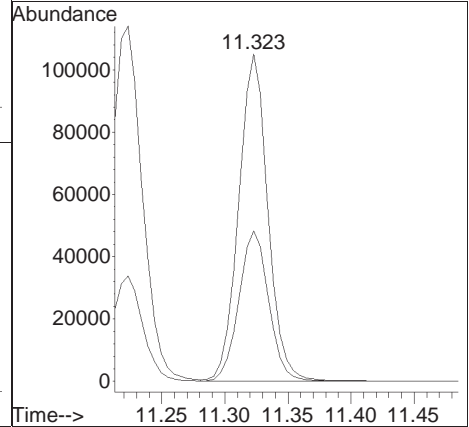
Tgt Ion:	Resp:	Lower	Upper
91	135753		
126	35.8	29.4	44.0

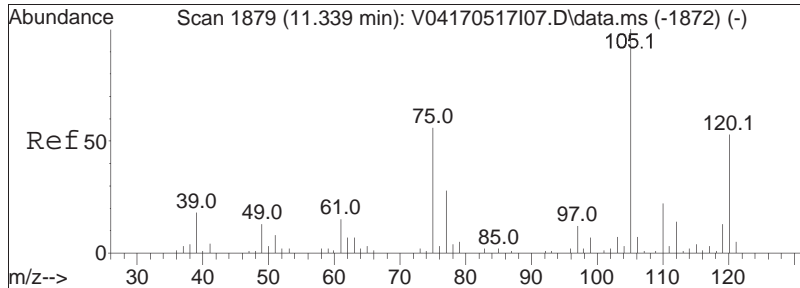




#90
 1,3,5-Trimethylbenzene
 Concen: 18.98 ug/L
 RT: 11.323 min Scan# 1876
 Delta R.T. -0.000 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

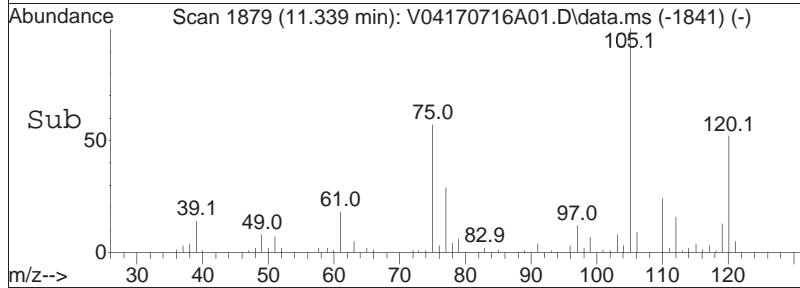
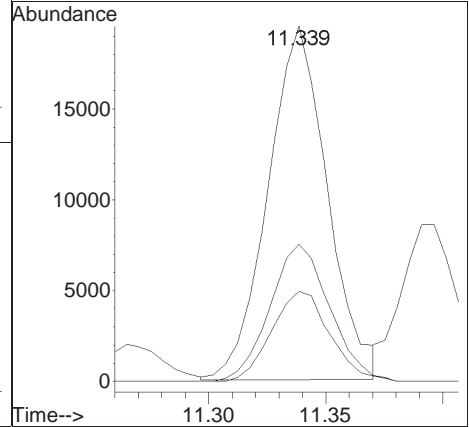
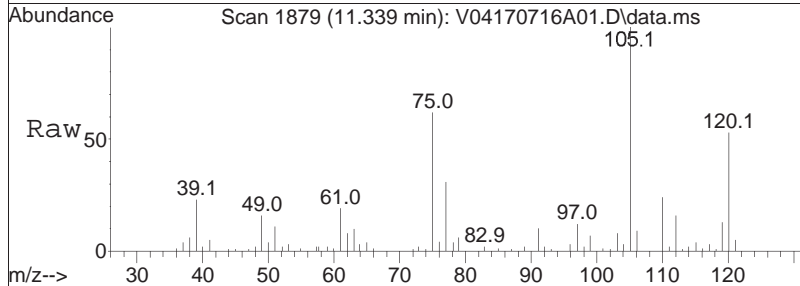
Tgt Ion	Resp	Lower	Upper
105	100		
120	46.9	38.9	58.3

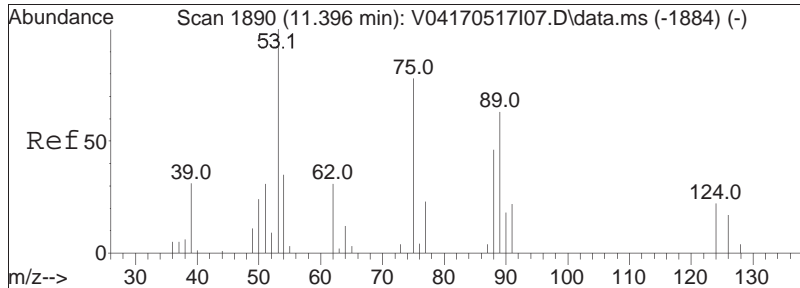




#91
 1,2,3-Trichloropropane
 Concen: 19.60 ug/L
 RT: 11.339 min Scan# 1879
 Delta R.T. -0.001 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

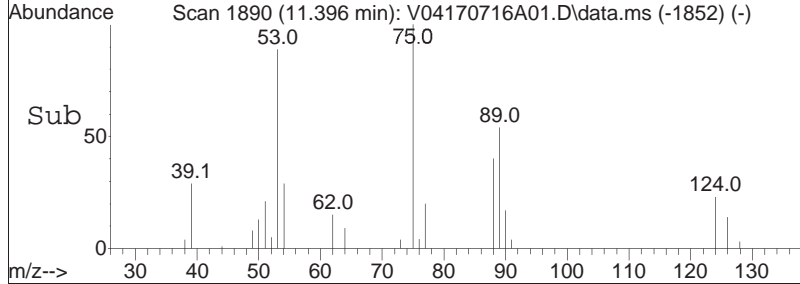
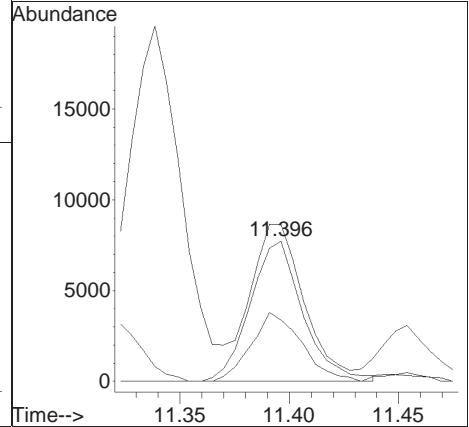
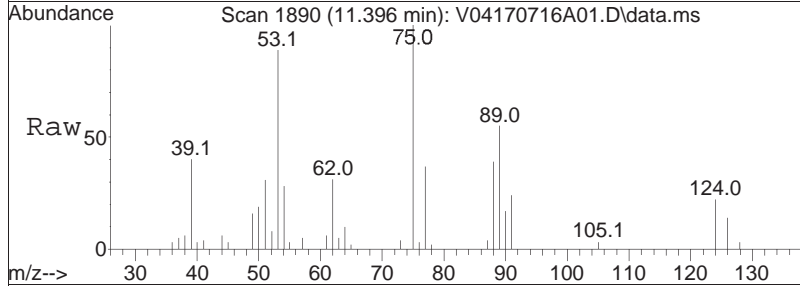
Tgt Ion	Resp	Lower	Upper
75	34361		
110	38.9	23.7	49.3
112	24.9	15.0	31.2

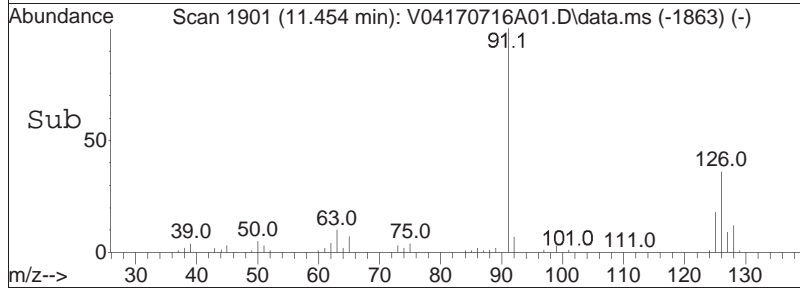
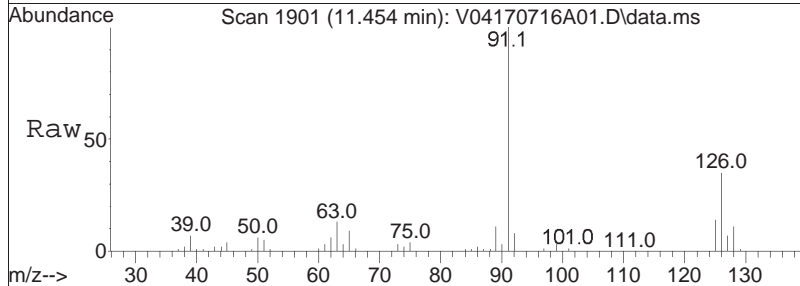
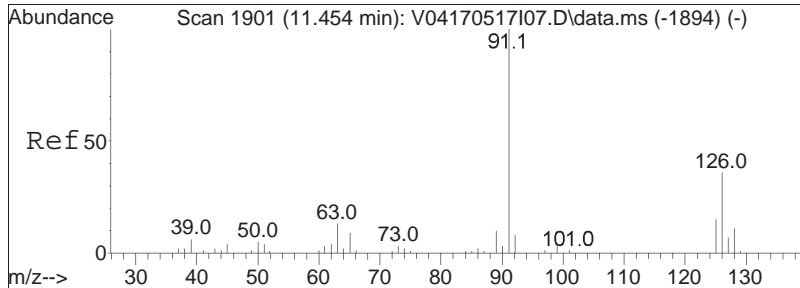




#92
 trans-1,4-Dichloro-2-butene
 Concen: 19.80 ug/L
 RT: 11.396 min Scan# 1890
 Delta R.T. 0.000 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

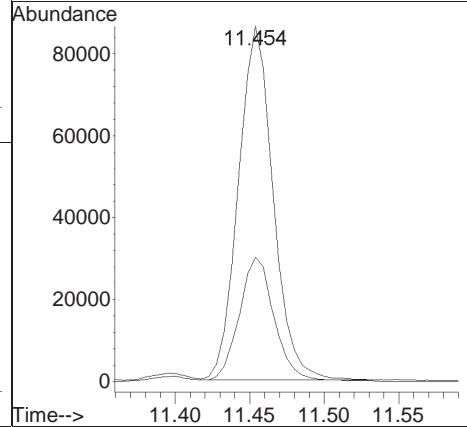
Tgt Ion:	Resp:		
Ion	Ratio	Lower	Upper
53	100		
88	46.9	33.1	49.7
75	109.6	89.1	133.7

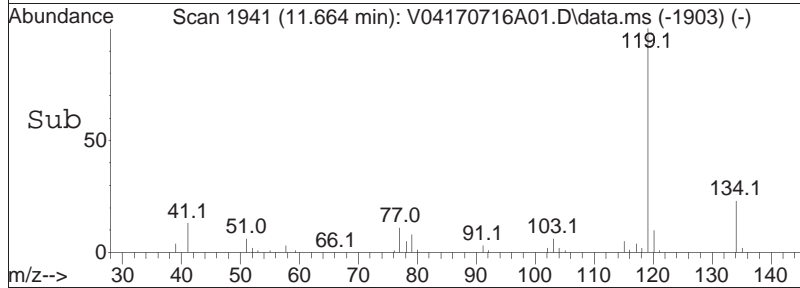
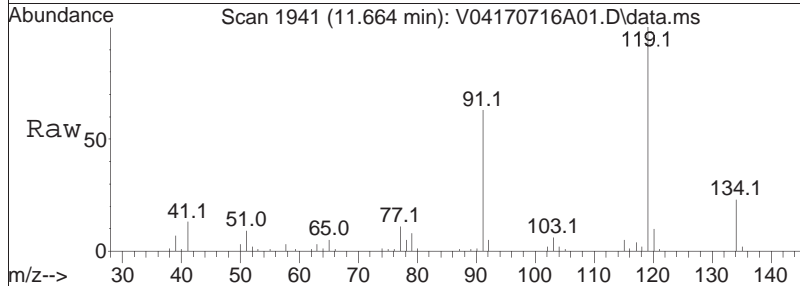
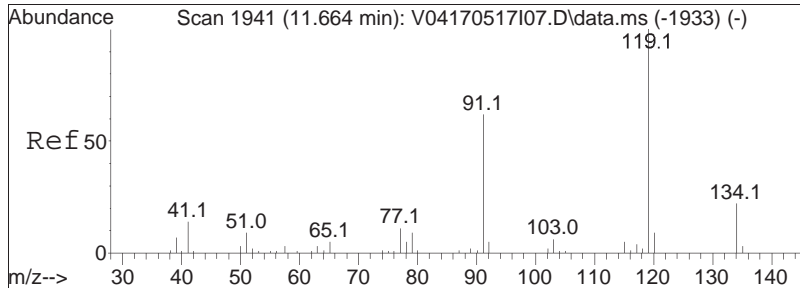




#93
 4-Chlorotoluene
 Concen: 19.38 ug/L
 RT: 11.454 min Scan# 1901
 Delta R.T. -0.000 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

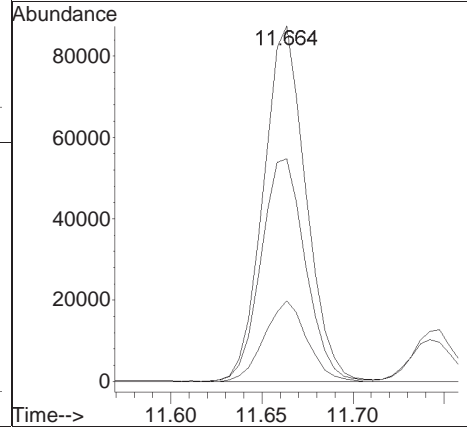
Tgt Ion:	Resp:	Lower	Upper
91	140365		
126	35.5	28.9	43.3

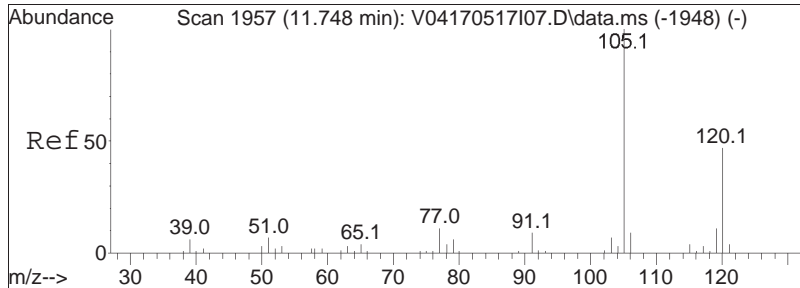




#94
 tert-Butylbenzene
 Concen: 18.88 ug/L
 RT: 11.664 min Scan# 1941
 Delta R.T. -0.000 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

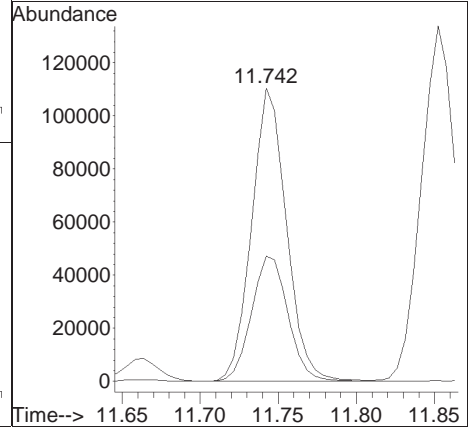
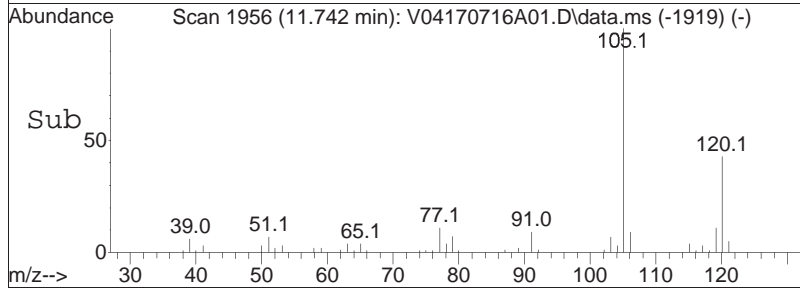
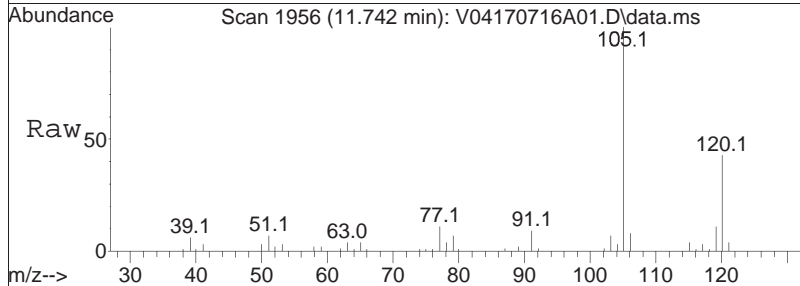
Tgt Ion	Ratio	Lower	Upper
119	100		
91	65.5	51.4	77.0
134	22.6	19.8	29.6

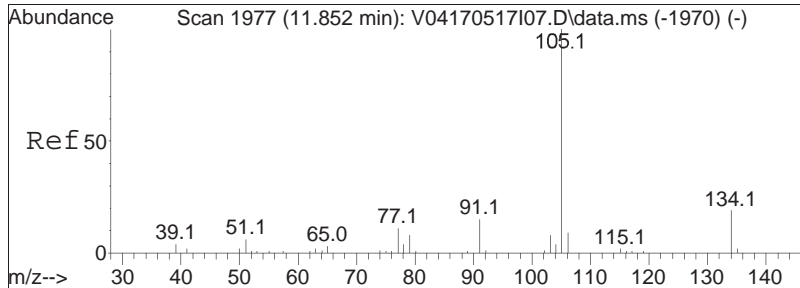




#97
 1,2,4-Trimethylbenzene
 Concen: 19.23 ug/L
 RT: 11.742 min Scan# 1956
 Delta R.T. -0.006 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

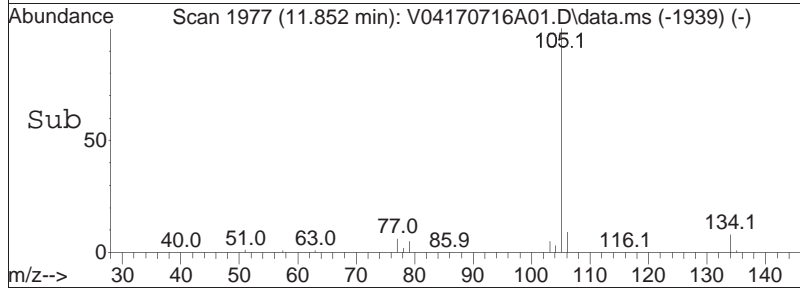
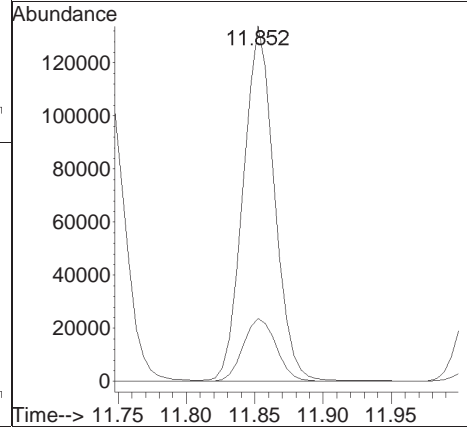
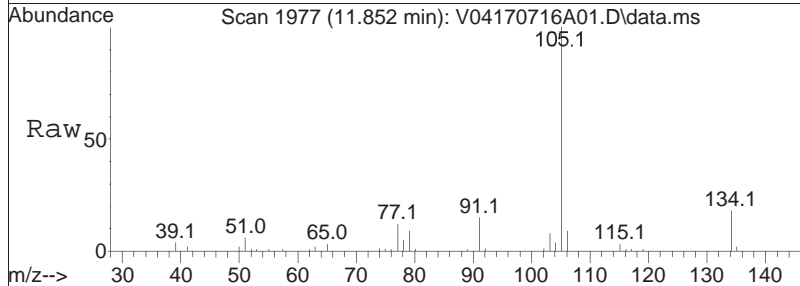
Tgt Ion	Resp	Lower	Upper
105	100		
120	44.8	36.8	55.2

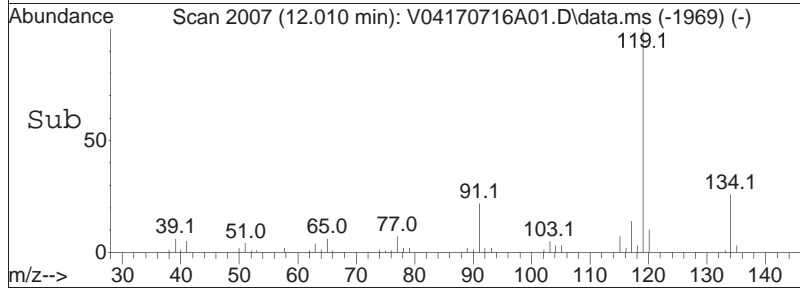
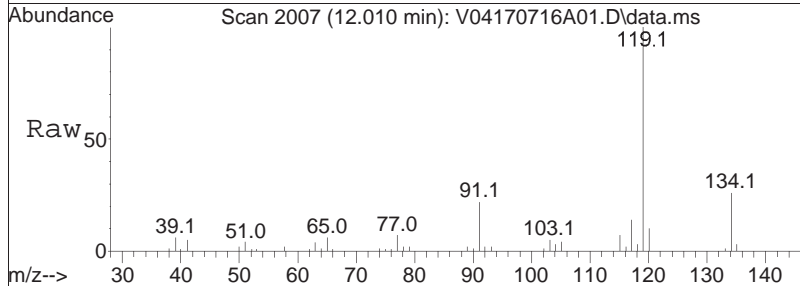
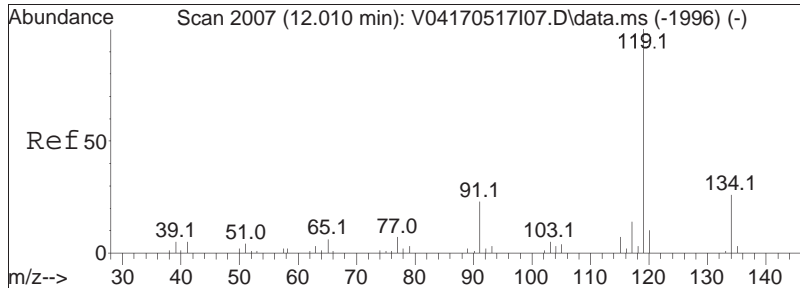




#98
 sec-Butylbenzene
 Concen: 19.01 ug/L
 RT: 11.852 min Scan# 1977
 Delta R.T. 0.000 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

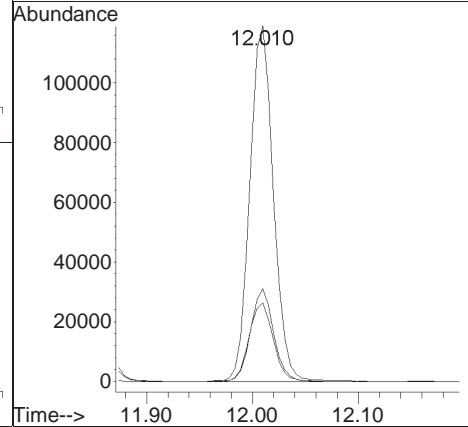
Tgt Ion	Resp	Lower	Upper
105	100		
134	18.8	12.9	26.9

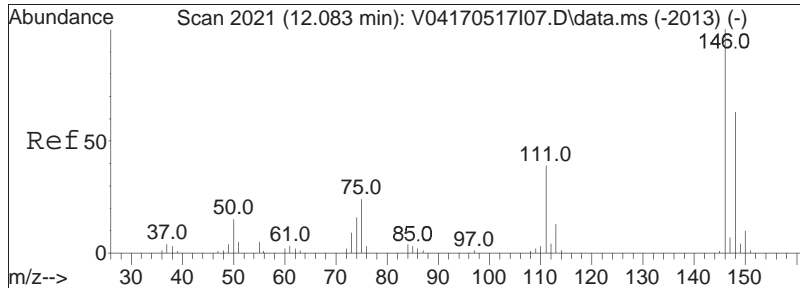




#99
 p-Isopropyltoluene
 Concen: 19.26 ug/L
 RT: 12.010 min Scan# 2007
 Delta R.T. -0.000 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

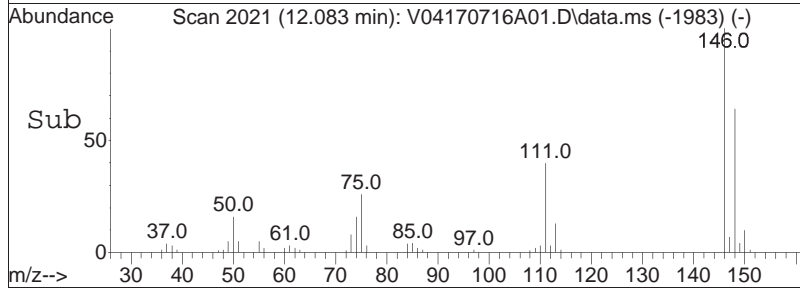
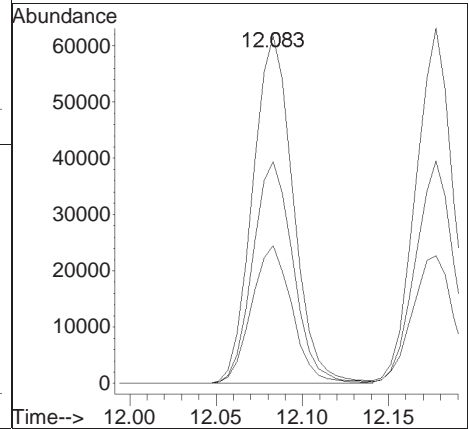
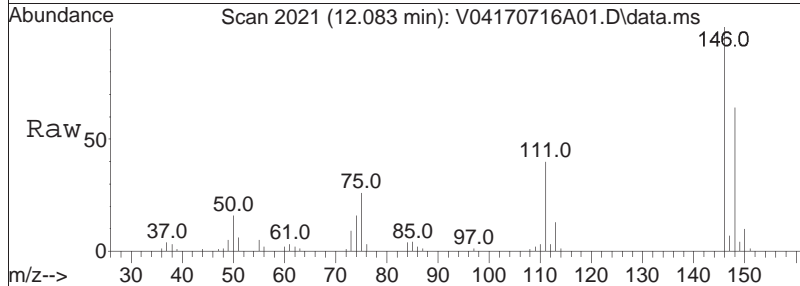
Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.2	17.2	35.8
91	22.6	14.4	30.0

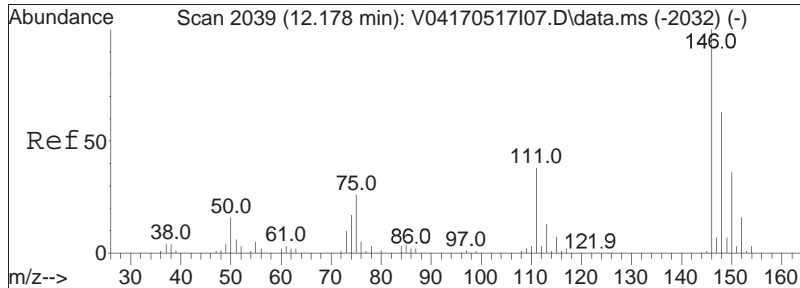




#100
 1,3-Dichlorobenzene
 Concen: 18.74 ug/L
 RT: 12.083 min Scan# 2021
 Delta R.T. 0.000 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

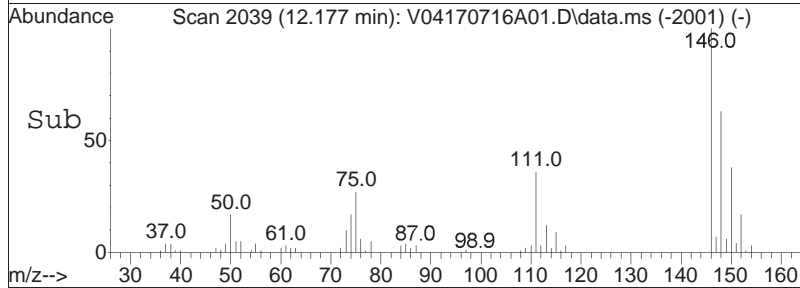
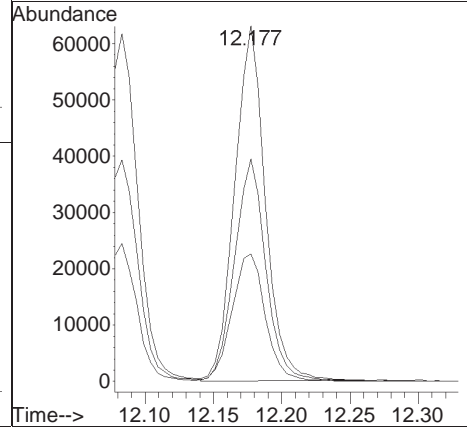
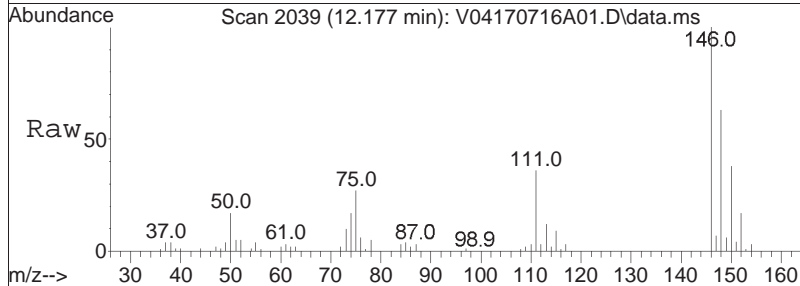
Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.5	24.8	51.6
148	63.7	41.2	85.6

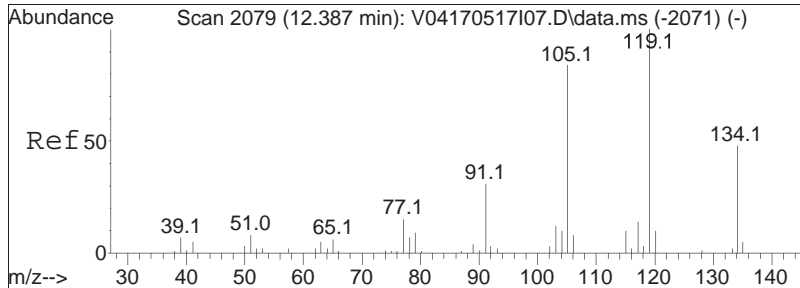




#101
 1,4-Dichlorobenzene
 Concen: 17.94 ug/L
 RT: 12.177 min Scan# 2039
 Delta R.T. -0.001 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

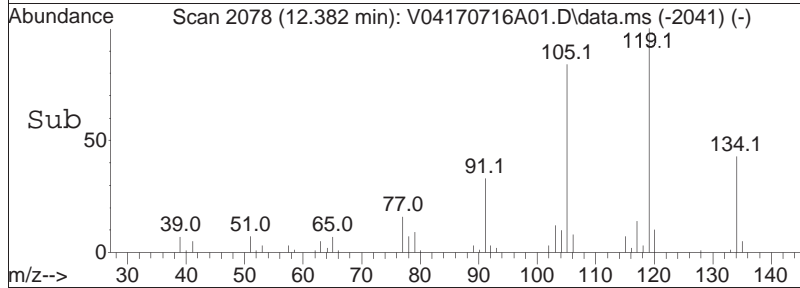
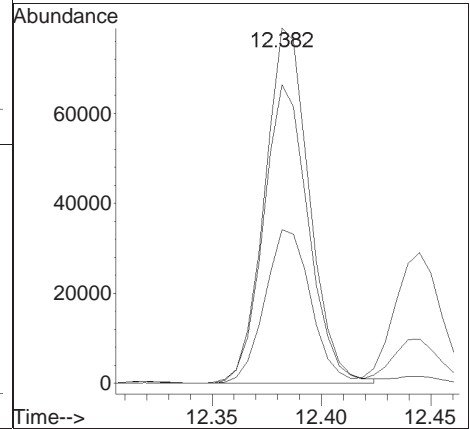
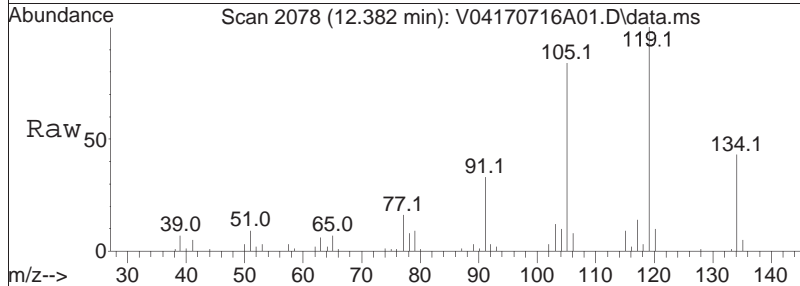
Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.4	30.6	45.8
148	64.5	51.0	76.4

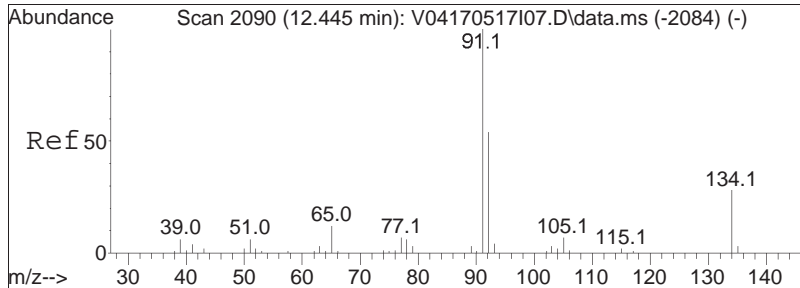




#102
 p-Diethylbenzene
 Concen: 19.94 ug/L
 RT: 12.382 min Scan# 2078
 Delta R.T. -0.005 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

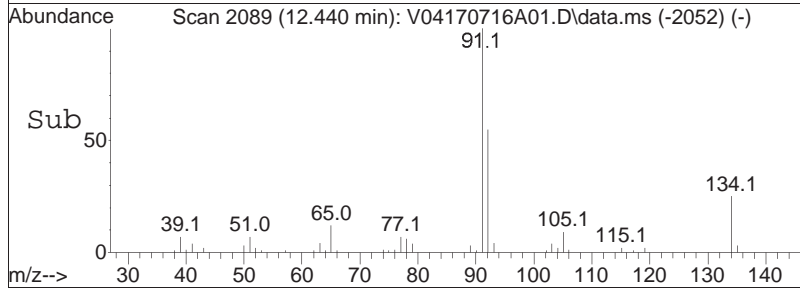
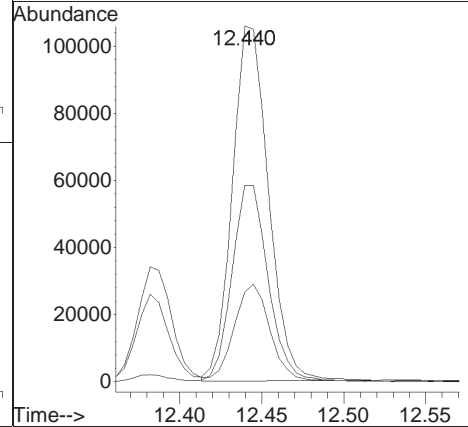
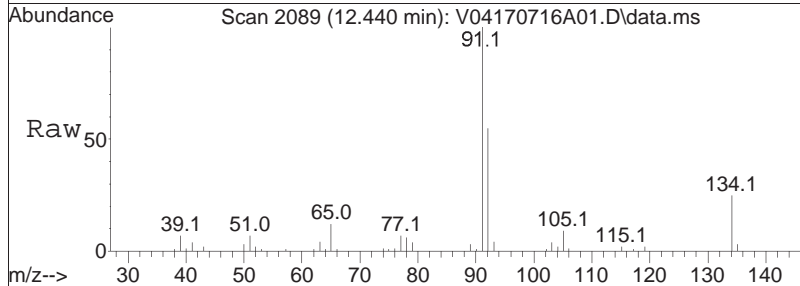
Tgt Ion	Resp	Lower	Upper
119	112203		
119	100		
105	84.6	55.3	114.8
134	44.5	30.7	63.9

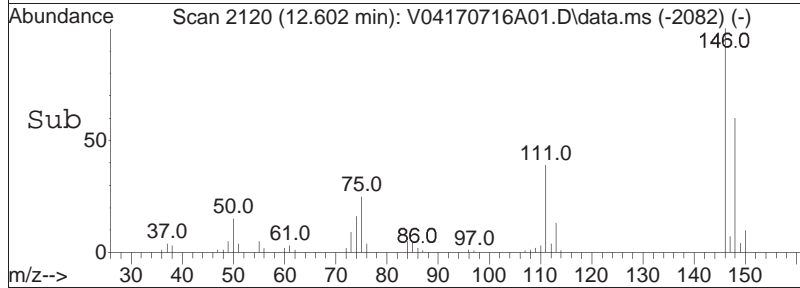
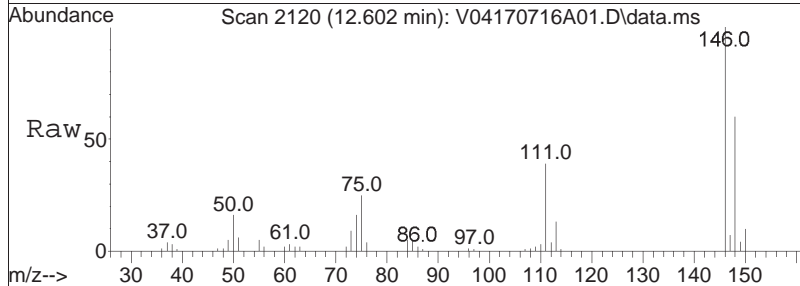
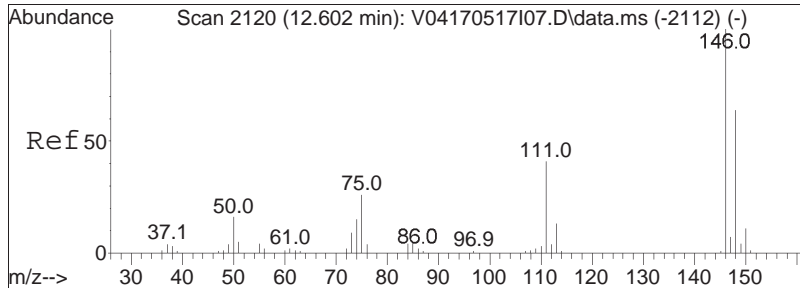




#103
 n-Butylbenzene
 Concen: 19.43 ug/L
 RT: 12.440 min Scan# 2089
 Delta R.T. -0.005 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

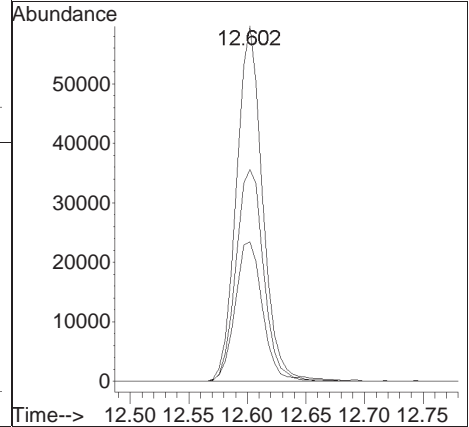
Tgt Ion:	91	92	134	Resp:	162650	Lower	Upper
Ion Ratio	100	55.5	27.3			45.0	67.4
						23.4	35.0

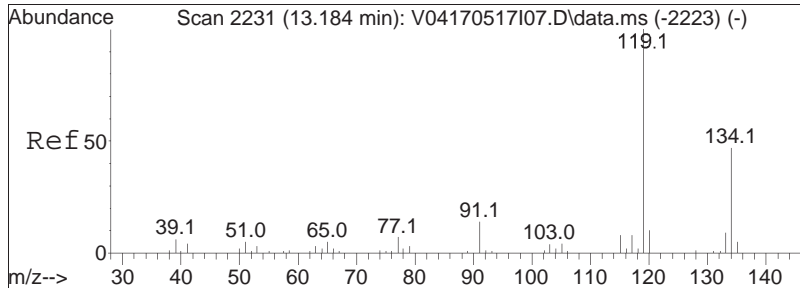




#104
 1,2-Dichlorobenzene
 Concen: 18.62 ug/L
 RT: 12.602 min Scan# 2120
 Delta R.T. 0.000 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

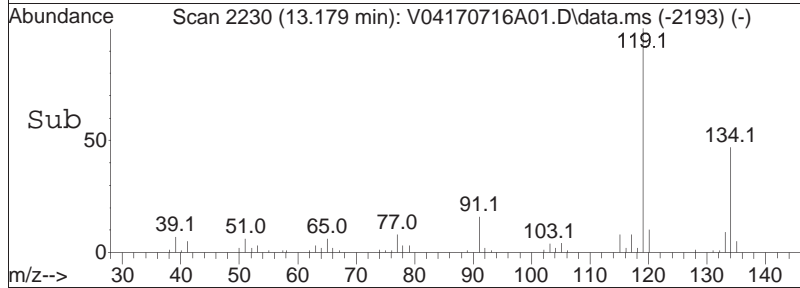
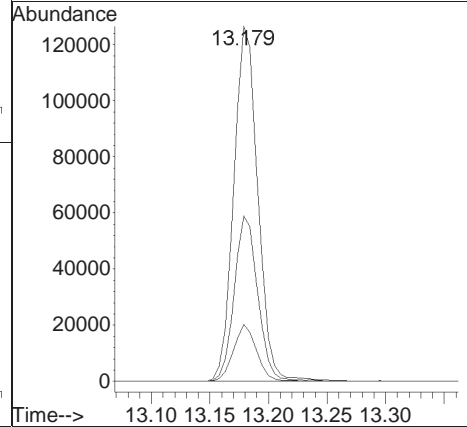
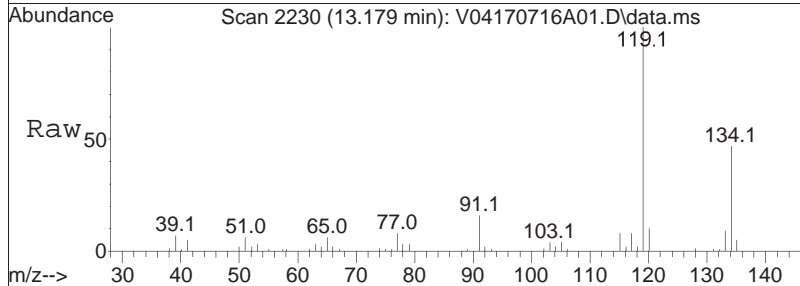
Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.9	25.9	53.7
148	63.0	41.5	86.1

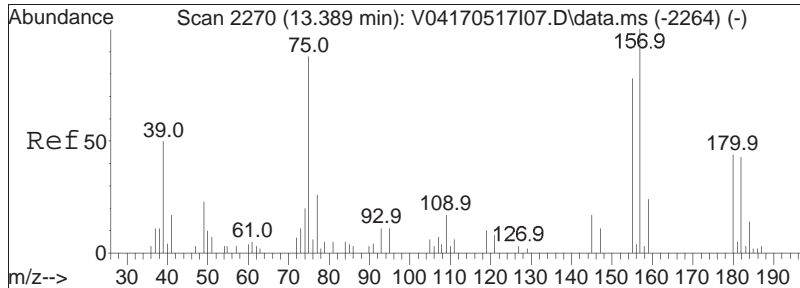




#105
 1,2,4,5-Tetramethylbenzene
 Concen: 19.68 ug/L
 RT: 13.179 min Scan# 2230
 Delta R.T. -0.005 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

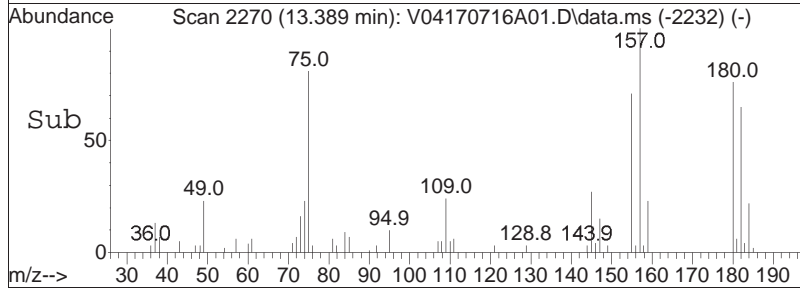
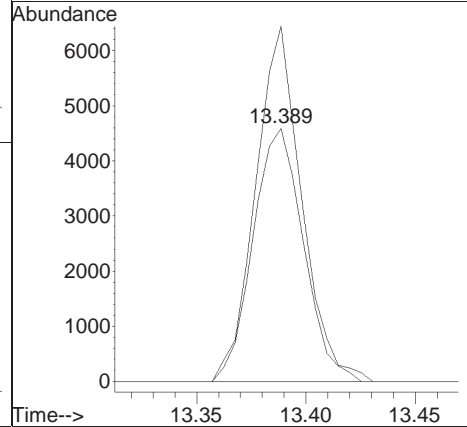
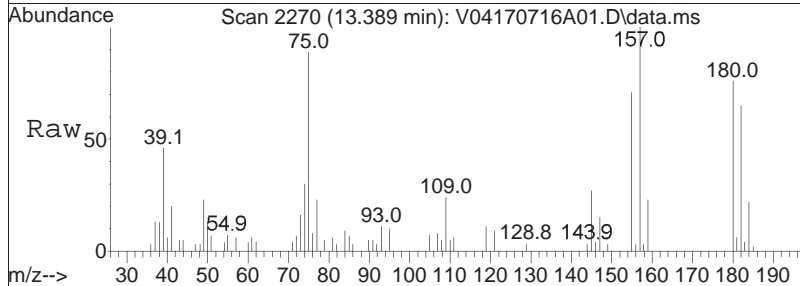
Tgt Ion	Ratio	Lower	Upper
119	100		
134	45.6	31.6	65.6
91	15.4	9.8	20.3

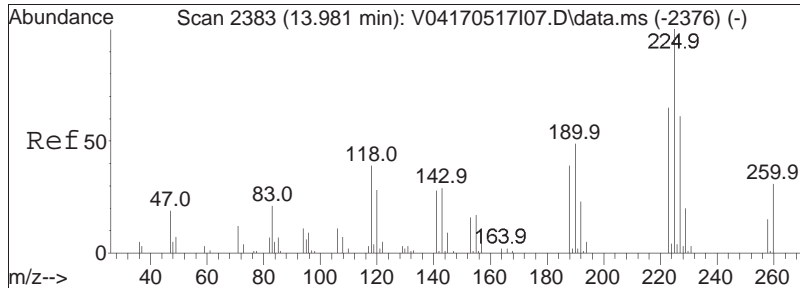




#106
 1,2-Dibromo-3-chloropropane
 Concen: 17.94 ug/L
 RT: 13.389 min Scan# 2270
 Delta R.T. -0.000 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

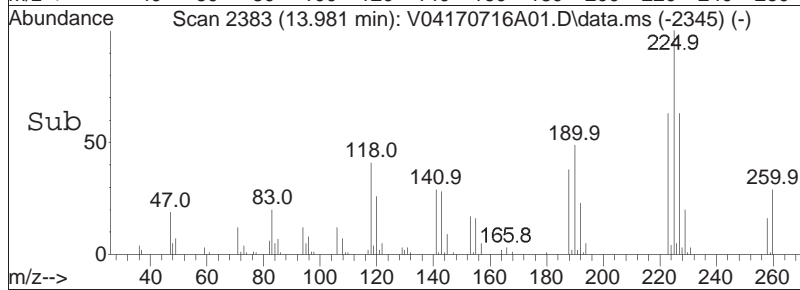
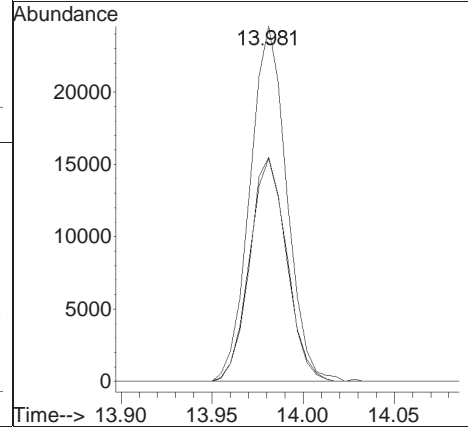
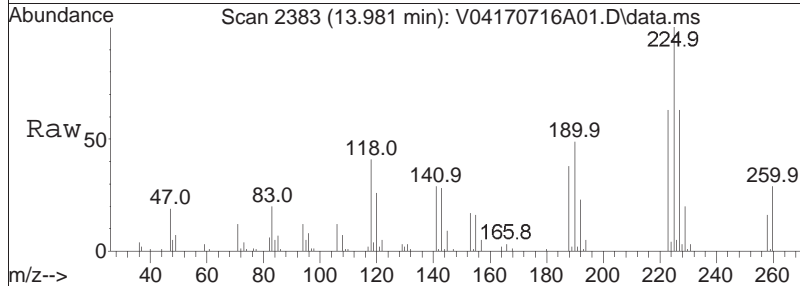
Tgt Ion	Resp	Lower	Upper
155	100		
157	128.2	104.3	156.5

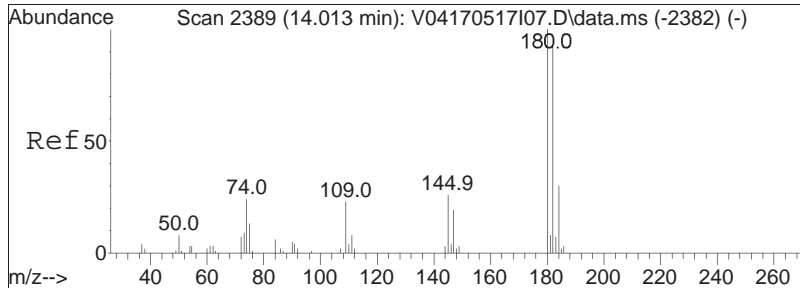




#108
 Hexachlorobutadiene
 Concen: 18.45 ug/L
 RT: 13.981 min Scan# 2383
 Delta R.T. 0.000 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

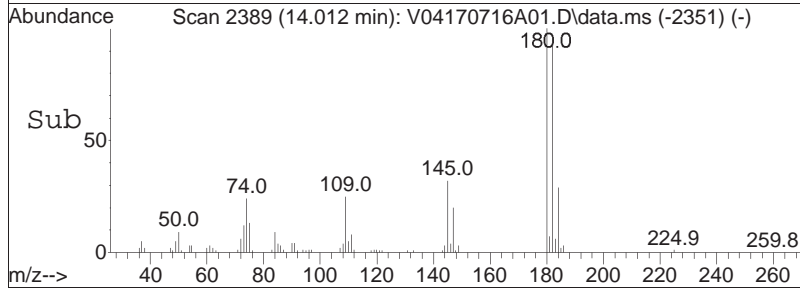
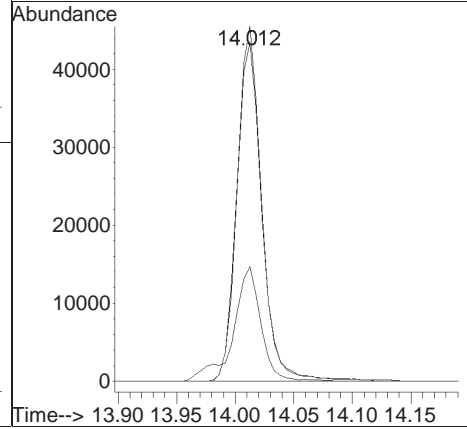
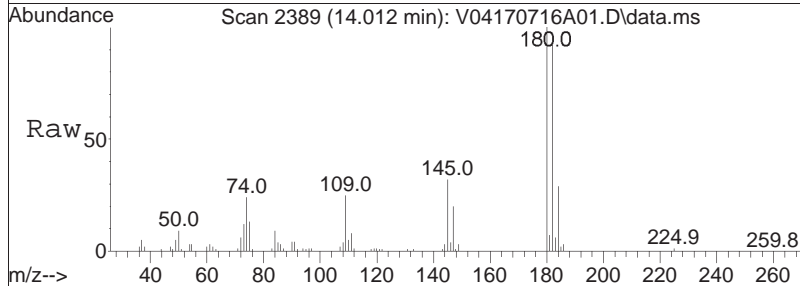
Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	50.2	75.2
227	63.4	51.0	76.6

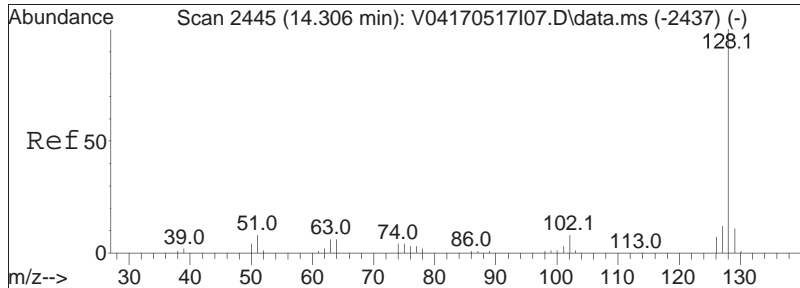




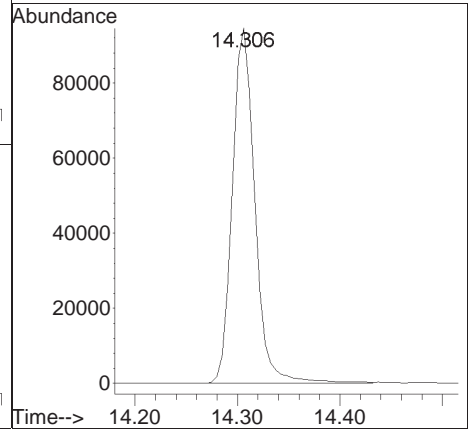
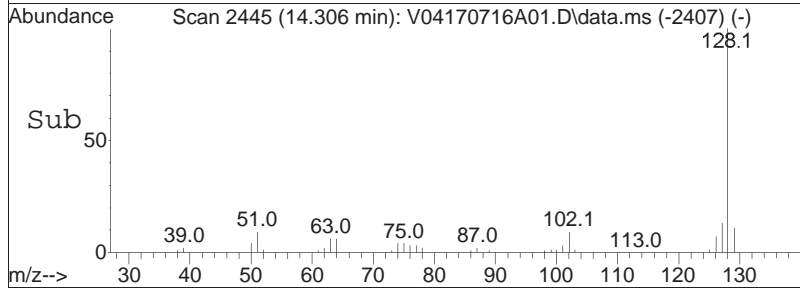
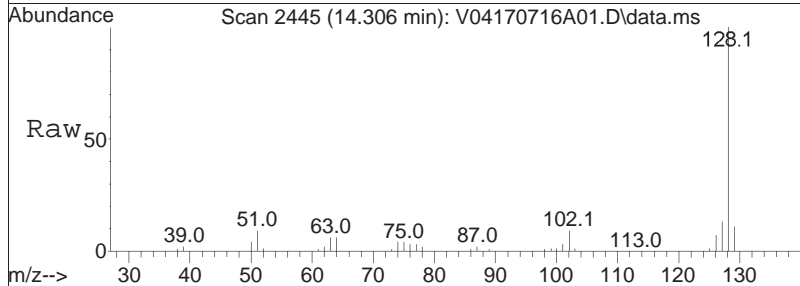
#109
 1,2,4-Trichlorobenzene
 Concen: 18.16 ug/L
 RT: 14.012 min Scan# 2389
 Delta R.T. -0.001 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

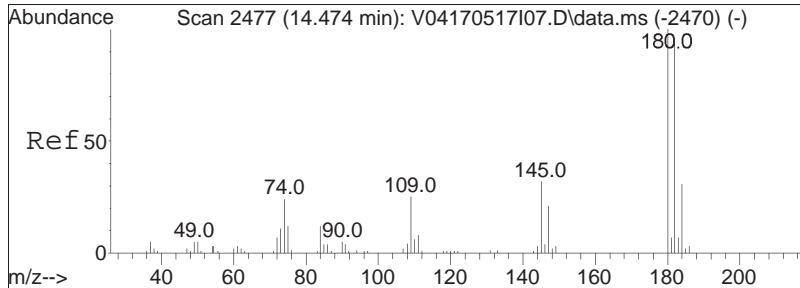
Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	76.2	114.4
145	36.3	26.6	39.8





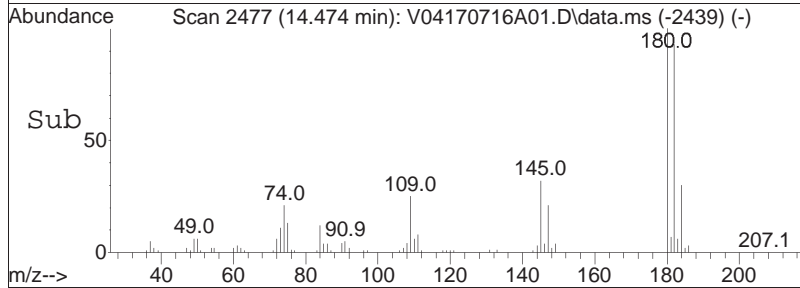
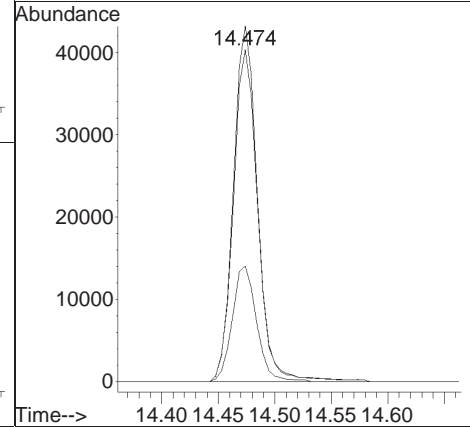
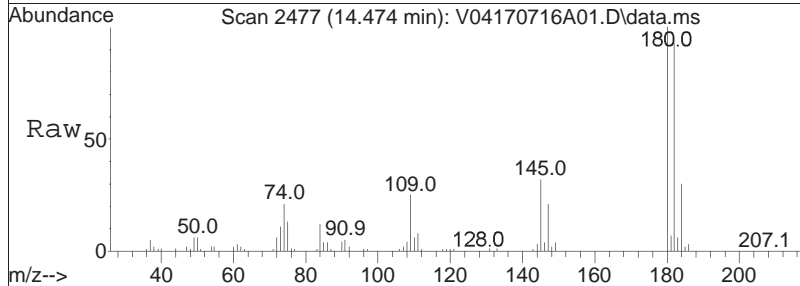
#110
 Naphthalene
 Concen: 18.24 ug/L
 RT: 14.306 min Scan# 2445
 Delta R.T. 0.000 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59
 Tgt Ion:128 Resp: 144987





#111
 1,2,3-Trichlorobenzene
 Concen: 18.66 ug/L
 RT: 14.474 min Scan# 2477
 Delta R.T. -0.000 min
 Lab File: V04170716A01.D
 Acq: 16 Jul 2017 7:59

Tgt Ion	Resp	Lower	Upper
180	100		
182	94.9	76.9	115.3
145	32.7	24.3	36.5



Manual Integration Report

Data Path : I:\VOLATILES\VOA104\2017\1QMethod : V104_170517_8260.m
Data File : V04170716A01.D Operator : VOA104:CBN
Date Inj'd : 7/16/2017 7:59 Instrument : VOA 104
Sample : WG1023156-3,31h,15,15,0.1 Quant Date : 7/16/2017 8:33 am

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2017\170717A\
 Data File : V01170717A03.D
 Acq On : 17 Jul 2017 10:36
 Operator : VOA101:PD
 Sample : WG1023276-4,31,10,10
 Misc : WG1023276,ICAL13786
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 17 10:58:33 2017
 Quant Method : I:\VOLATILES\VOA101\2017\170717A\V101_170629B_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Fri Jun 30 16:37:53 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2017\170717A\V01170717A02.D
 Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	

Internal Standards							
1) Fluorobenzene	5.950	96	282164	10.000	ug/L	0.00	
Standard Area 1 = 290727			Recovery =	97.05%			
59) Chlorobenzene-d5	9.759	117	224917	10.000	ug/L	0.00	
Standard Area 1 = 229670			Recovery =	97.93%			
79) 1,4-Dichlorobenzene-d4	12.667	152	119963	10.000	ug/L	0.00	
Standard Area 1 = 121874			Recovery =	98.43%			
System Monitoring Compounds							
36) Dibromofluoromethane	5.099	113	72374	11.075	ug/L	0.00	
Spiked Amount 10.000	Range 70 - 130		Recovery =	110.75%			
43) 1,2-Dichloroethane-d4	5.650	65	91823	12.125	ug/L	0.00	
Spiked Amount 10.000	Range 70 - 130		Recovery =	121.25%			
60) Toluene-d8	7.762	98	290526	9.657	ug/L	0.00	
Spiked Amount 10.000	Range 70 - 130		Recovery =	96.57%			
83) 4-Bromofluorobenzene	11.352	95	112636	9.315	ug/L	0.00	
Spiked Amount 10.000	Range 70 - 130		Recovery =	93.15%			
Target Compounds							
							Qvalue
2) Dichlorodifluoromethane	1.541	85	51121	10.718	ug/L		98
3) Chloromethane	1.716	50	66293	8.770	ug/L		100
4) Vinyl chloride	1.787	62	63878	9.212	ug/L		97
5) Bromomethane	2.082	94	20281	9.607	ug/L		97
6) Chloroethane	2.191	64	37220	9.462	ug/L		93
7) Trichlorofluoromethane	2.327	101	95361	11.614	ug/L		99
8) Ethyl ether	2.616	74	22331	10.075	ug/L #		64
10) 1,1-Dichloroethene	2.807	96	46234	10.019	ug/L #		62
11) Carbon disulfide	2.834	76	127931	9.205	ug/L		98
15) Methylene chloride	3.353	84	52601	9.809	ug/L		76
17) Acetone	3.402	43	8882	10.743	ug/L		96
18) trans-1,2-Dichloroethene	3.511	96	55626	10.112	ug/L		74
20) Methyl tert-butyl ether	3.598	73	120573	10.927	ug/L		92
23) 1,1-Dichloroethane	4.100	63	126027	9.672	ug/L		97
25) Acrylonitrile	4.160	53	12748	9.340	ug/L		92
27) Vinyl acetate	4.346	43	103976	9.753	ug/L #		95
28) cis-1,2-Dichloroethene	4.635	96	61472	10.157	ug/L #		76
29) 2,2-Dichloropropane	4.739	77	92064	10.763	ug/L		97
30) Bromochloromethane	4.837	128	24875	11.193	ug/L		84
32) Chloroform	4.913	83	106524	10.580	ug/L		99

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2017\170717A\
 Data File : V01170717A03.D
 Acq On : 17 Jul 2017 10:36
 Operator : VOA101:PD
 Sample : WG1023276-4,31,10,10
 Misc : WG1023276,ICAL13786
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 17 10:58:33 2017
 Quant Method : I:\VOLATILES\VOA101\2017\170717A\V101_170629B_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Fri Jun 30 16:37:53 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2017\170717A\V01170717A02.D
 Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Carbon tetrachloride	5.050	117	89540	11.571	ug/L	97
37) 1,1,1-Trichloroethane	5.121	97	102803	11.260	ug/L	94
39) 2-Butanone	5.230	43	15169M1	10.094	ug/L	
40) 1,1-Dichloropropene	5.246	75	85924	9.932	ug/L	99
41) Benzene	5.508	78	234690	9.564	ug/L #	91
44) 1,2-Dichloroethane	5.726	62	82173	11.560	ug/L	96
48) Trichloroethene	6.141	95	62109	10.031	ug/L	91
50) Dibromomethane	6.616	93	26988	10.997	ug/L	94
51) 1,2-Dichloropropane	6.719	63	69841	9.468	ug/L	98
54) Bromodichloromethane	6.801	83	79410	11.063	ug/L	99
57) 1,4-Dioxane	7.025	88	14867	630.796	ug/L #	82
58) cis-1,3-Dichloropropene	7.543	75	88586	10.460	ug/L	94
61) Toluene	7.822	92	152100	9.118	ug/L	98
62) 4-Methyl-2-pentanone	8.296	58	12251	8.365	ug/L	90
63) Tetrachloroethene	8.307	166	65577	10.177	ug/L	97
65) trans-1,3-Dichloropropene	8.351	75	71966	9.199	ug/L	96
68) 1,1,2-Trichloroethane	8.547	83	31620	9.383	ug/L	98
69) Chlorodibromomethane	8.776	129	47205	10.665	ug/L	95
70) 1,3-Dichloropropane	8.902	76	71073	9.574	ug/L	99
71) 1,2-Dibromoethane	9.082	107	35924	10.371	ug/L	98
72) 2-Hexanone	9.404	43	18432M1	8.191	ug/L	
73) Chlorobenzene	9.780	112	174212	9.508	ug/L	97
74) Ethylbenzene	9.819	91	303557	9.222	ug/L	95
75) 1,1,1,2-Tetrachloroethane	9.873	131	57922	10.241	ug/L	98
76) p/m Xylene	10.021	106	243994	19.142	ug/L	87
77) o Xylene	10.593	106	225356	19.292	ug/L	86
78) Styrene	10.664	104	358677	19.483	ug/L	97
80) Bromoform	10.697	173	22777	9.841	ug/L	99
82) Isopropylbenzene	10.997	105	327551	8.894	ug/L	100
84) Bromobenzene	11.472	156	63208	9.416	ug/L	99
85) n-Propylbenzene	11.510	91	372261	8.569	ug/L	94
87) 1,1,2,2-Tetrachloroethane	11.614	83	36664	8.602	ug/L	98
88) 4-Ethyltoluene	11.647	105	307240	8.959	ug/L	100
89) 2-Chlorotoluene	11.696	91	219218M1	8.882	ug/L	
90) 1,3,5-Trimethylbenzene	11.750	105	257650	8.960	ug/L	97
91) 1,2,3-Trichloropropane	11.761	75	34939M1	9.499	ug/L	
92) trans-1,4-Dichloro-2-b...	11.821	53	14008M1	10.811	ug/L	
93) 4-Chlorotoluene	11.898	91	220196	8.812	ug/L	92
94) tert-Butylbenzene	12.121	119	225105	9.167	ug/L	90

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2017\170717A\
 Data File : V01170717A03.D
 Acq On : 17 Jul 2017 10:36
 Operator : VOA101:PD
 Sample : WG1023276-4,31,10,10
 Misc : WG1023276,ICAL13786
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 17 10:58:33 2017
 Quant Method : I:\VOLATILES\VOA101\2017\170717A\V101_170629B_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Fri Jun 30 16:37:53 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2017\170717A\V01170717A02.D
 Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97) 1,2,4-Trimethylbenzene	12.209	105	261015	9.162	ug/L	97
98) sec-Butylbenzene	12.334	105	311794	8.854	ug/L	98
99) p-Isopropyltoluene	12.498	119	267070	9.175	ug/L	96
100) 1,3-Dichlorobenzene	12.585	146	131241	9.506	ug/L	98
101) 1,4-Dichlorobenzene	12.689	146	130085	9.235	ug/L	98
102) p-Diethylbenzene	12.907	119	147309	9.169	ug/L	97
103) n-Butylbenzene	12.978	91	218653	8.629	ug/L	95
104) 1,2-Dichlorobenzene	13.158	146	109071	9.521	ug/L	99
105) 1,2,4,5-Tetramethylben...	13.791	119	187770	9.271	ug/L	95
106) 1,2-Dibromo-3-chloropr...	14.031	155	3568	8.704	ug/L	97
108) Hexachlorobutadiene	14.691	225	21473	10.218	ug/L	96
109) 1,2,4-Trichlorobenzene	14.729	180	39357	9.393	ug/L	97
110) Naphthalene	15.057	128	55834	9.310	ug/L	100
111) 1,2,3-Trichlorobenzene	15.253	180	19394	9.858	ug/L	97

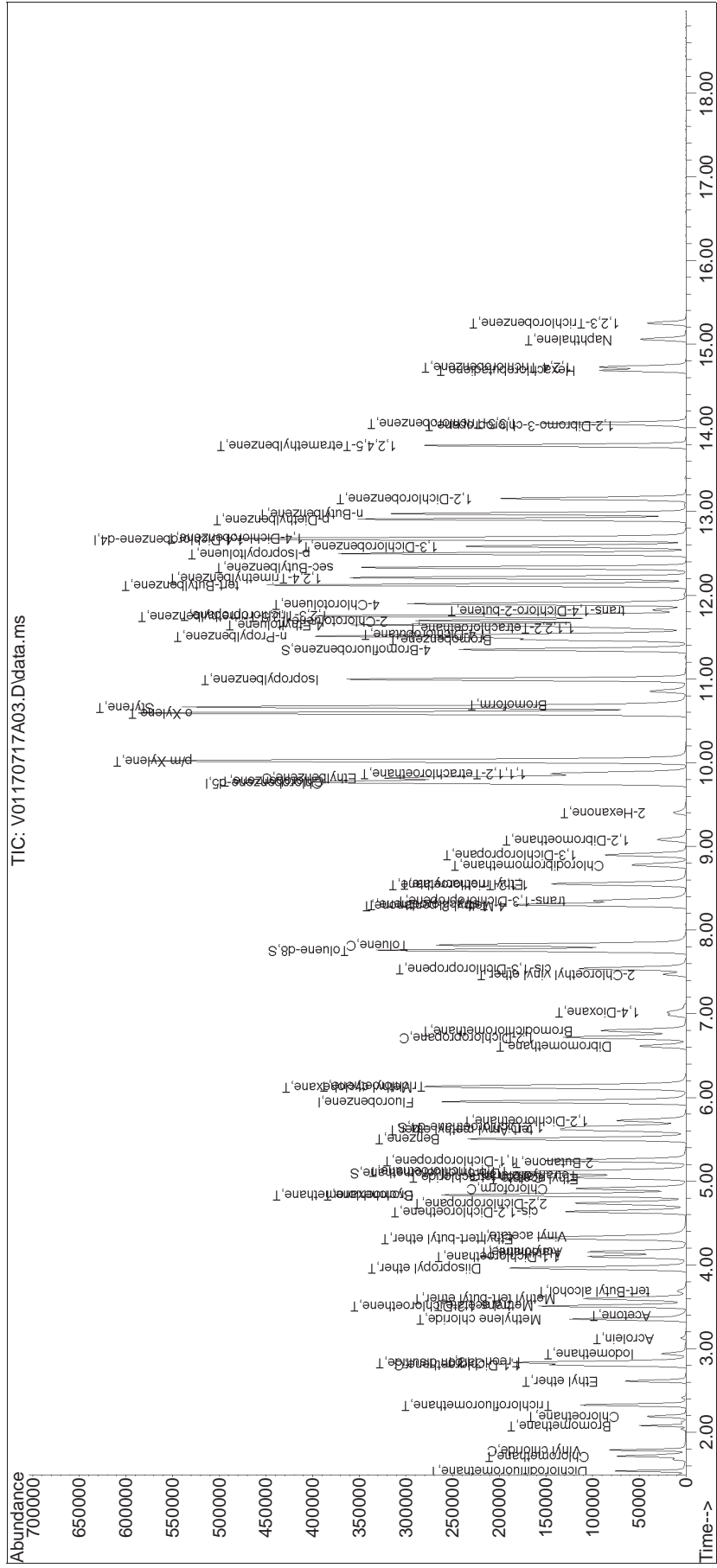
(#) = qualifier out of range (m) = manual integration (+) = signals summed

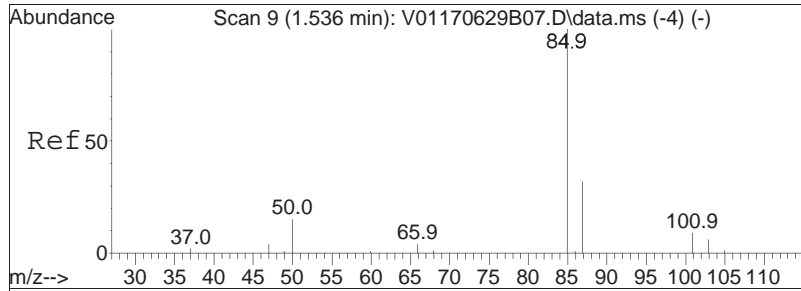
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2017\170717A\
 Data File : V01170717A03.D
 Acq On : 17 Jul 2017 10:36
 Operator : VOA101:PD
 Sample : WG1023276-4,31,10,10
 Misc : WG1023276,ICAL13786
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 17 10:58:33 2017
 Quant Method : I:\VOLATILES\VOA101\2017\170717A\V101_170629B_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Fri Jun 30 16:37:53 2017
 Response via : Initial Calibration

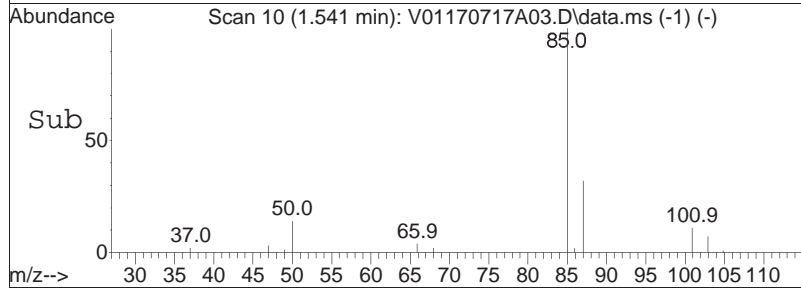
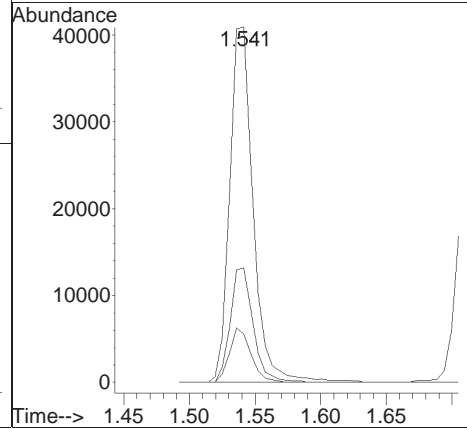
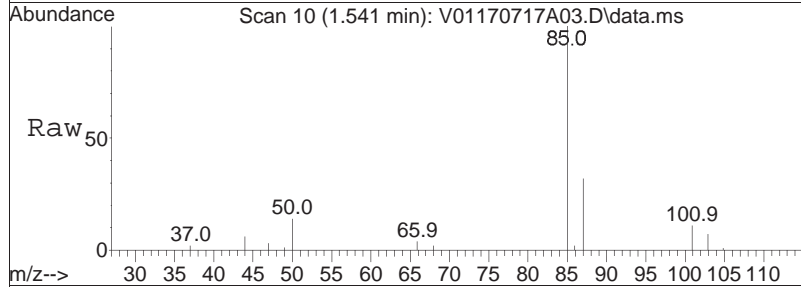
Sub List : 8260-Curve - Megamix plus Diox70717A\V01170717A02.D•

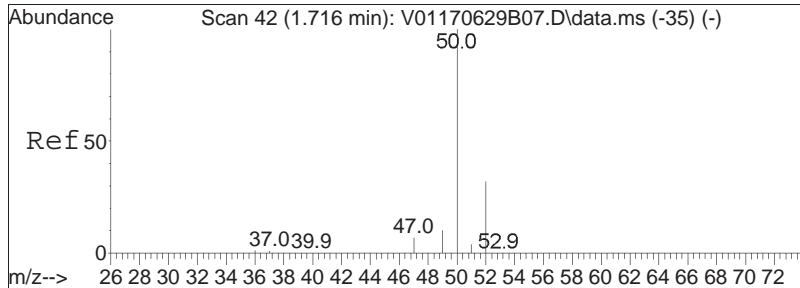




#2
 Dichlorodifluoromethane
 Concen: 10.72 ug/L
 RT: 1.541 min Scan# 10
 Delta R.T. 0.005 min
 Lab File: V01170717A03.D
 Acq: 17 Jul 2017 10:36

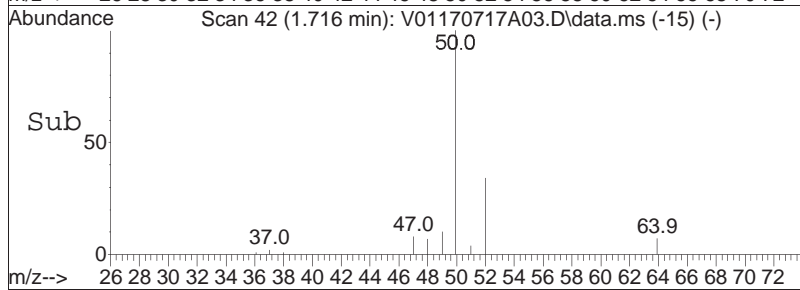
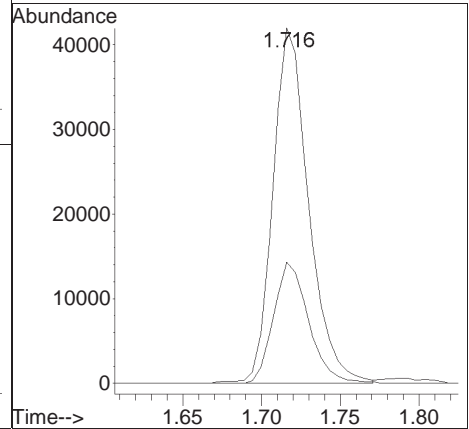
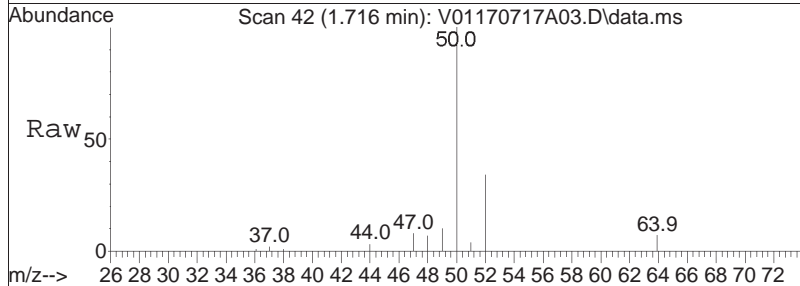
Tgt Ion	85	87	50	Resp:	51121	Lower	Upper
Ion Ratio	100	31.3	13.9				
		20.7	8.3				
		43.1	17.1				

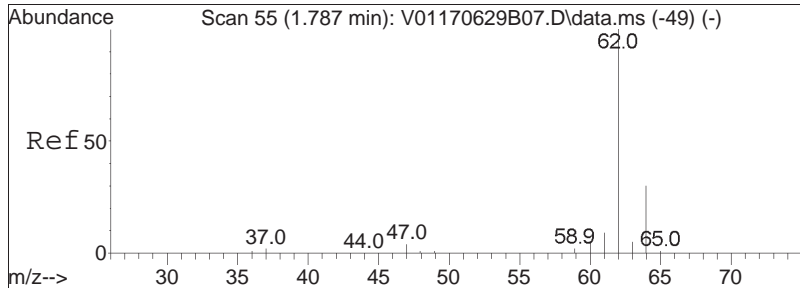




#3
 Chloromethane
 Concen: 8.77 ug/L
 RT: 1.716 min Scan# 42
 Delta R.T. -0.000 min
 Lab File: V01170717A03.D
 Acq: 17 Jul 2017 10:36

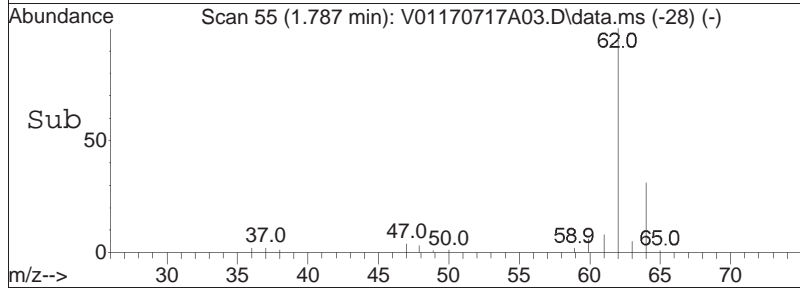
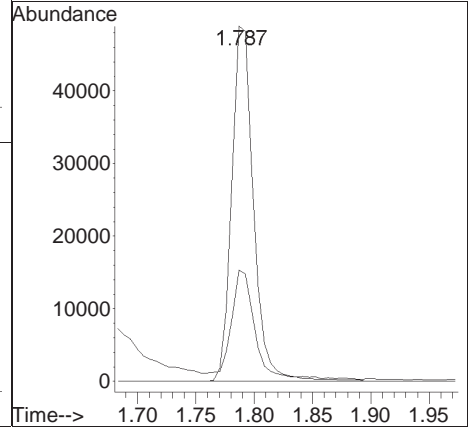
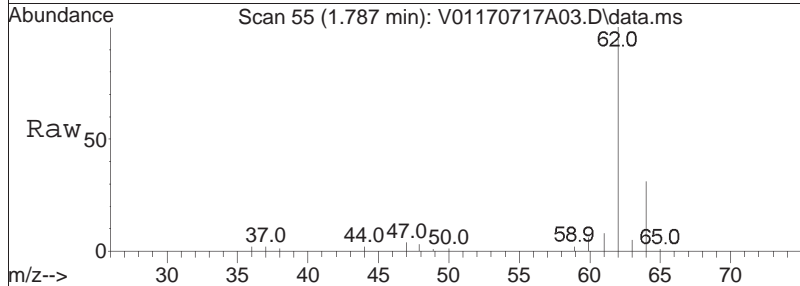
Tgt Ion	Resp	Lower	Upper
50	66293		
52	33.5	13.3	53.3

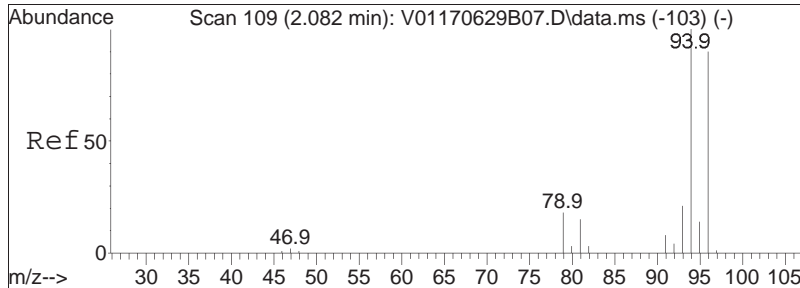




#4
 Vinyl chloride
 Concen: 9.21 ug/L
 RT: 1.787 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: V01170717A03.D
 Acq: 17 Jul 2017 10:36

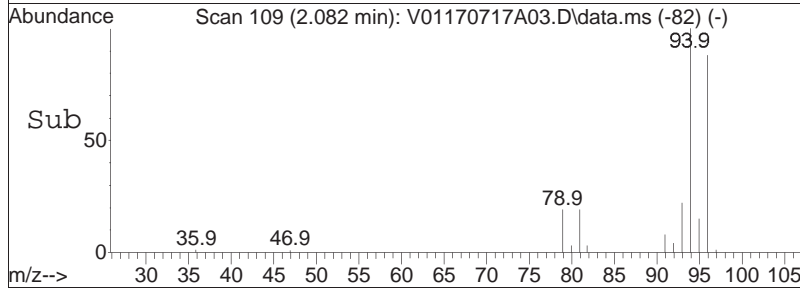
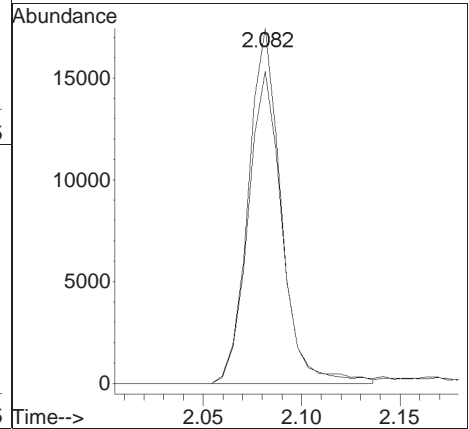
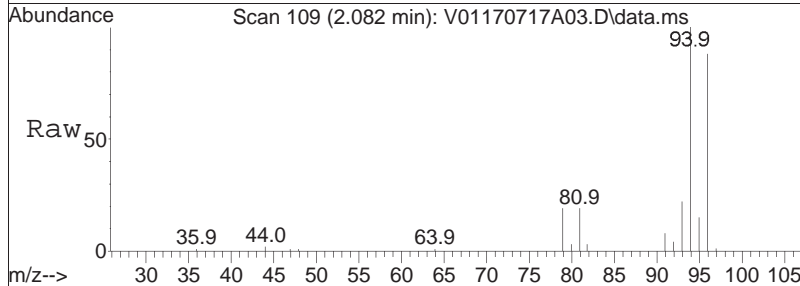
Tgt Ion:	Resp:		
Ion	Ratio	Lower	Upper
62	100		
64	34.1	12.3	52.3

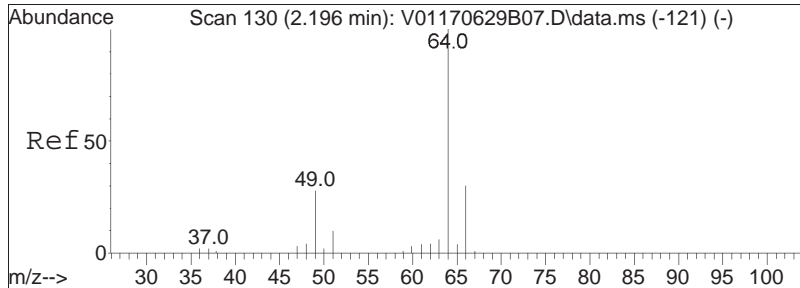




#5
 Bromomethane
 Concen: 9.61 ug/L
 RT: 2.082 min Scan# 109
 Delta R.T. -0.000 min
 Lab File: V01170717A03.D
 Acq: 17 Jul 2017 10:36

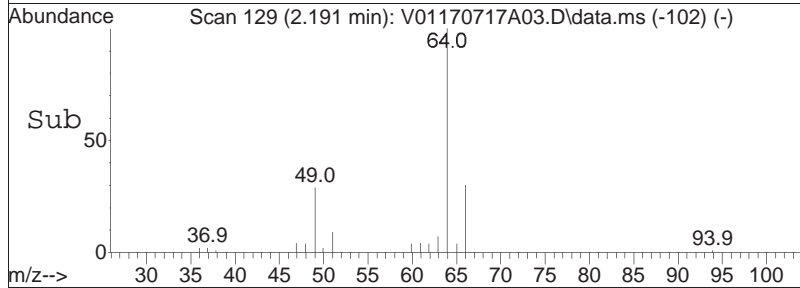
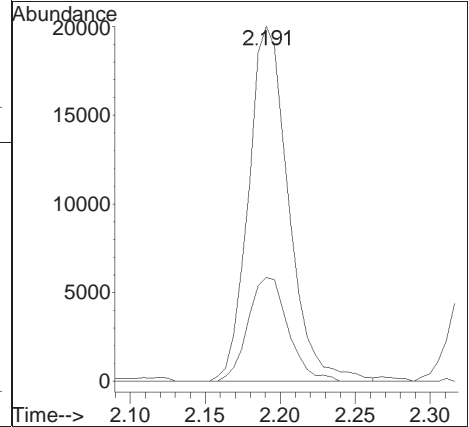
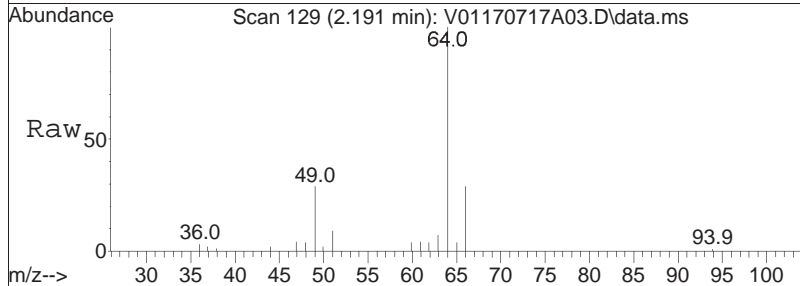
Tgt Ion	Resp	Lower	Upper
94	20281		
96	90.2	73.0	113.0

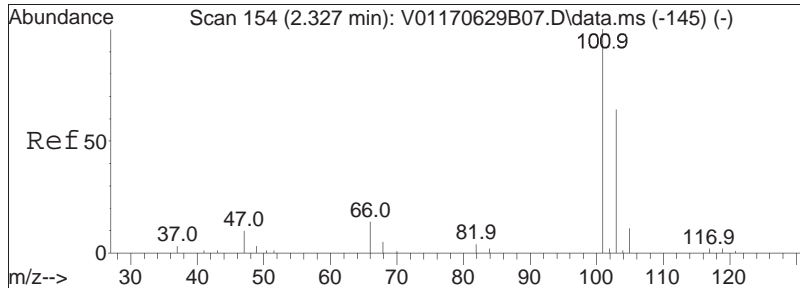




#6
 Chloroethane
 Concen: 9.46 ug/L
 RT: 2.191 min Scan# 129
 Delta R.T. -0.005 min
 Lab File: V01170717A03.D
 Acq: 17 Jul 2017 10:36

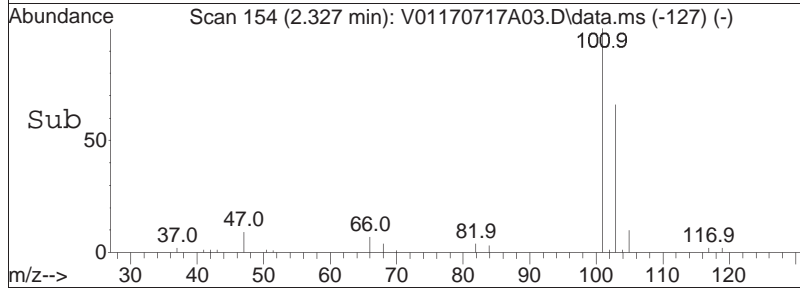
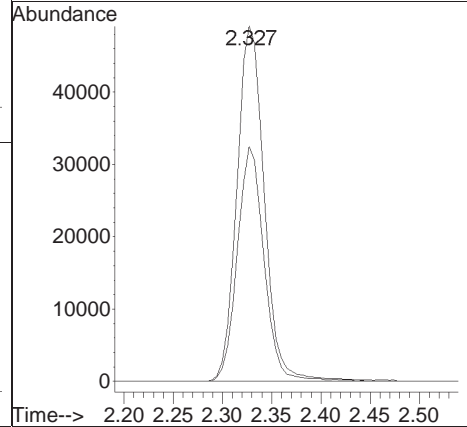
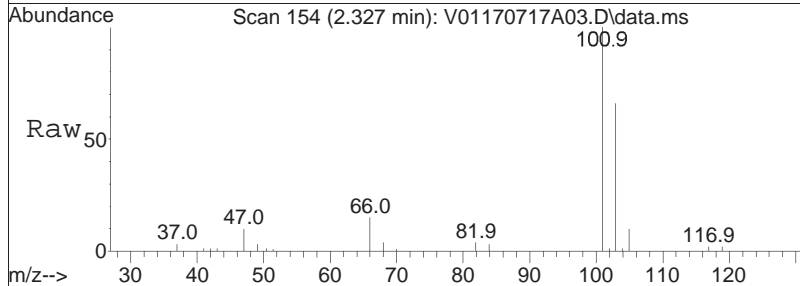
Tgt Ion:	64	Resp:	37220
Ion Ratio	Lower	Upper	
64	100		
66	29.3	13.0	53.0

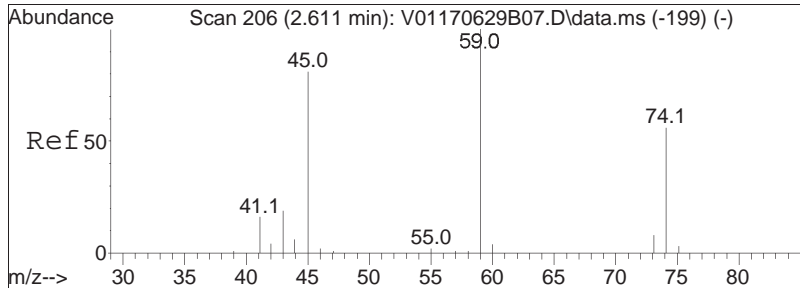




#7
 Trichlorofluoromethane
 Concen: 11.61 ug/L
 RT: 2.327 min Scan# 154
 Delta R.T. 0.000 min
 Lab File: V01170717A03.D
 Acq: 17 Jul 2017 10:36

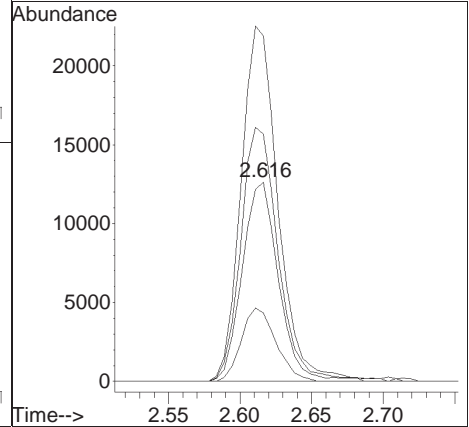
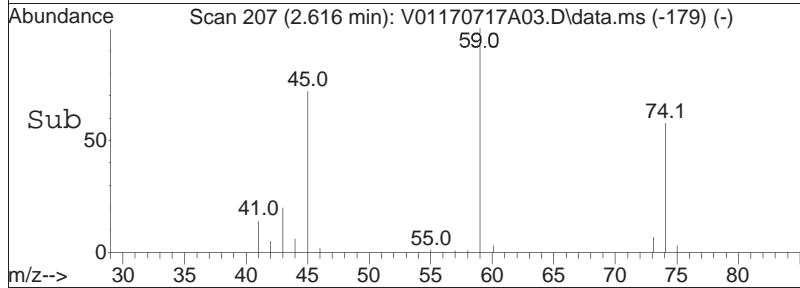
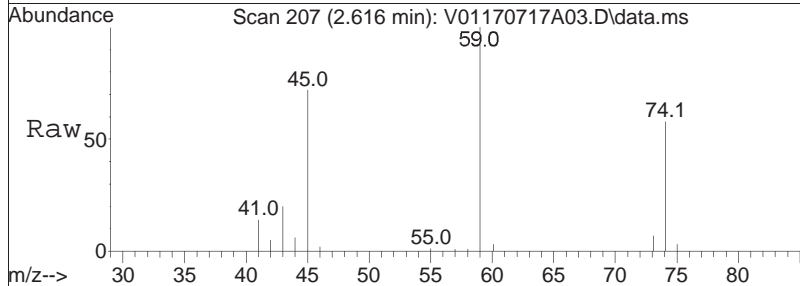
Tgt Ion	Resp	Lower	Upper
101	95361		
101	100		
103	64.1	51.8	77.6

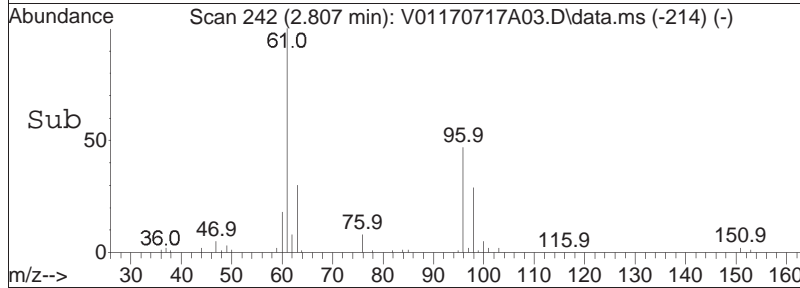
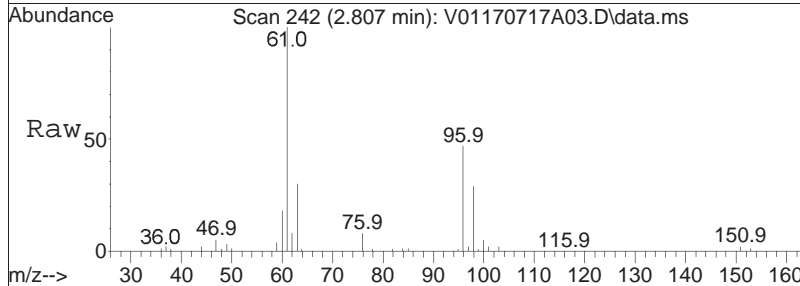
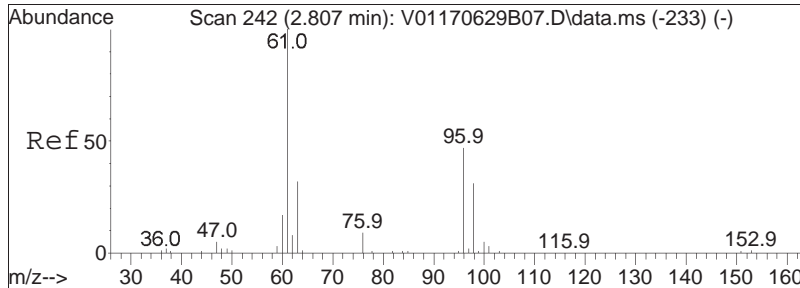




#8
 Ethyl ether
 Concen: 10.07 ug/L
 RT: 2.616 min Scan# 207
 Delta R.T. 0.005 min
 Lab File: V01170717A03.D
 Acq: 17 Jul 2017 10:36

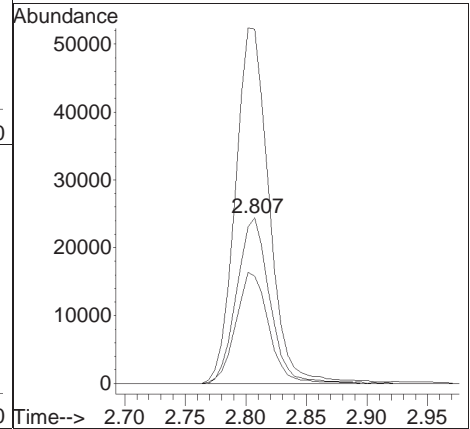
Tgt Ion	Resp	Lower	Upper
74	100		
59	180.6	84.2	175.0#
45	131.5	63.8	132.6
43	35.2	19.5	40.5

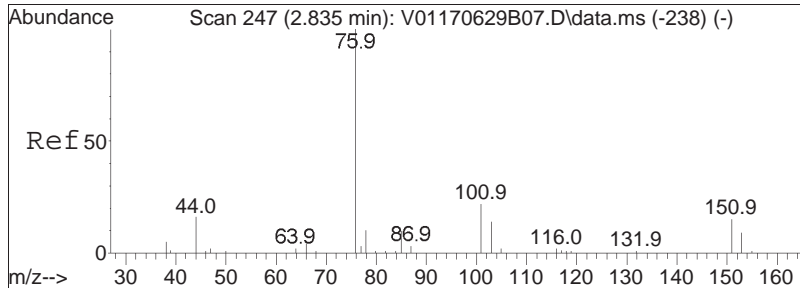




#10
 1,1-Dichloroethene
 Concen: 10.02 ug/L
 RT: 2.807 min Scan# 242
 Delta R.T. 0.000 min
 Lab File: V01170717A03.D
 Acq: 17 Jul 2017 10:36

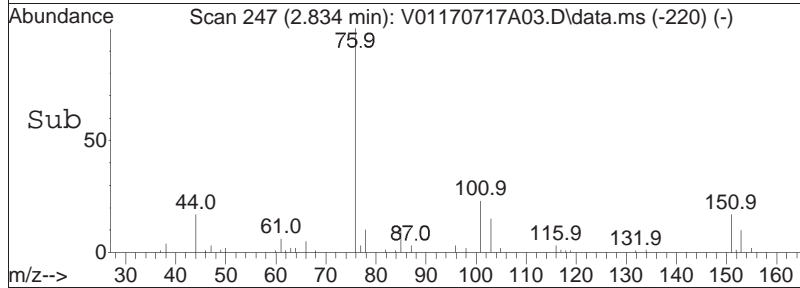
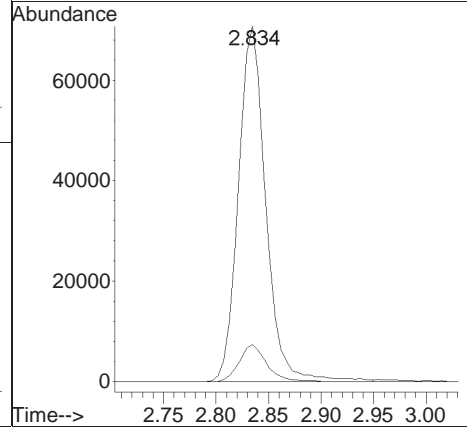
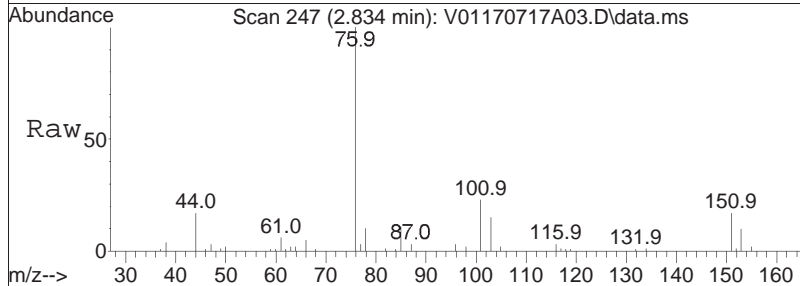
Tgt Ion	Resp	Lower	Upper
96	100		
61	219.6	129.4	194.2#
63	67.0	41.4	62.2#

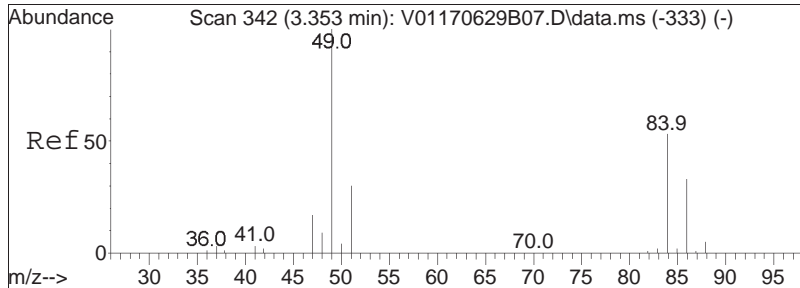




#11
 Carbon disulfide
 Concen: 9.21 ug/L
 RT: 2.834 min Scan# 247
 Delta R.T. -0.001 min
 Lab File: V01170717A03.D
 Acq: 17 Jul 2017 10:36

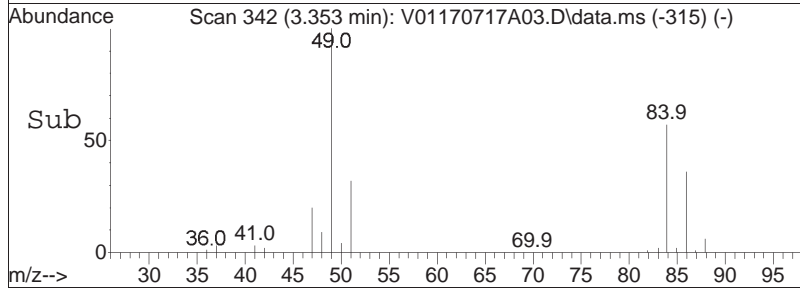
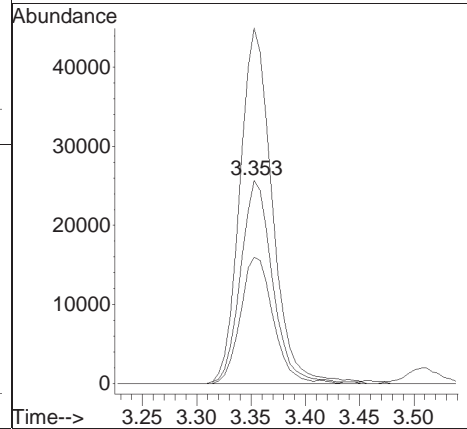
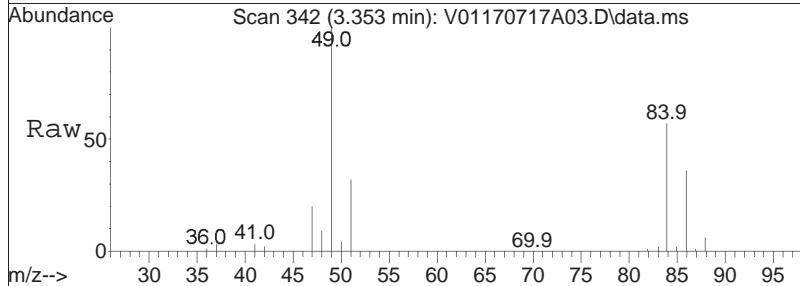
Tgt Ion: 76 Resp: 127931
 Ion Ratio Lower Upper
 76 100
 78 10.3 6.3 13.1

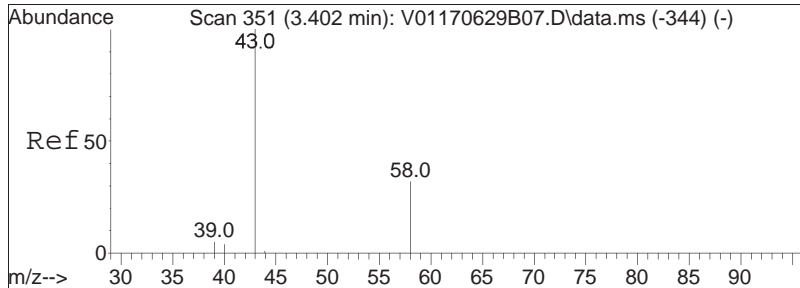




#15
 Methylene chloride
 Concen: 9.81 ug/L
 RT: 3.353 min Scan# 342
 Delta R.T. -0.000 min
 Lab File: V01170717A03.D
 Acq: 17 Jul 2017 10:36

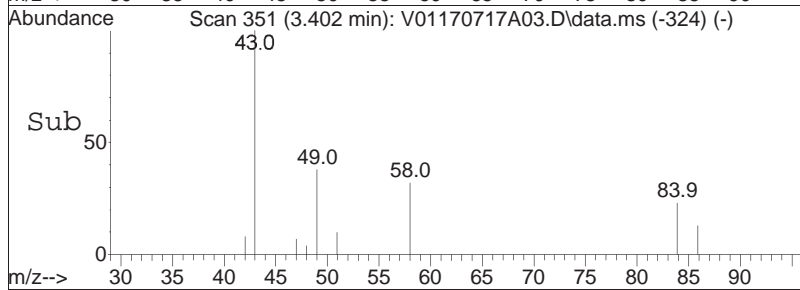
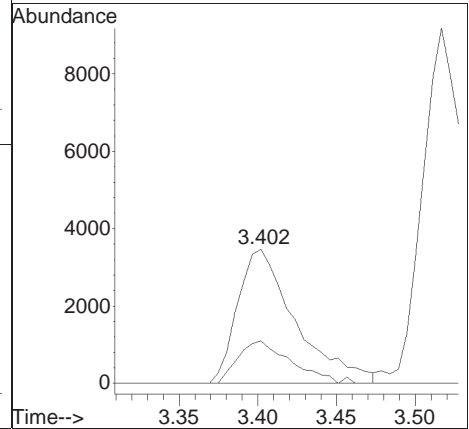
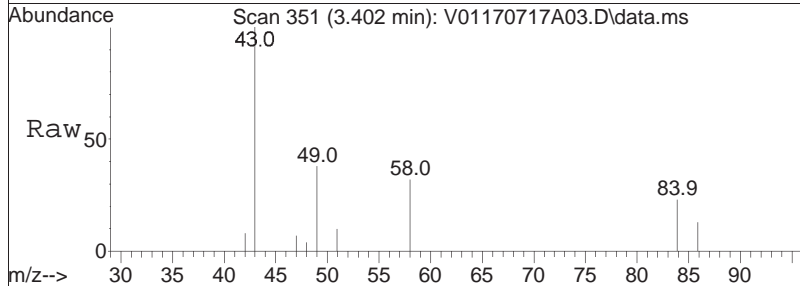
Tgt Ion:	84	Resp:	52601
Ion Ratio	Lower	Upper	
84	100		
86	63.7	41.0	85.2
49	177.3	88.5	183.9

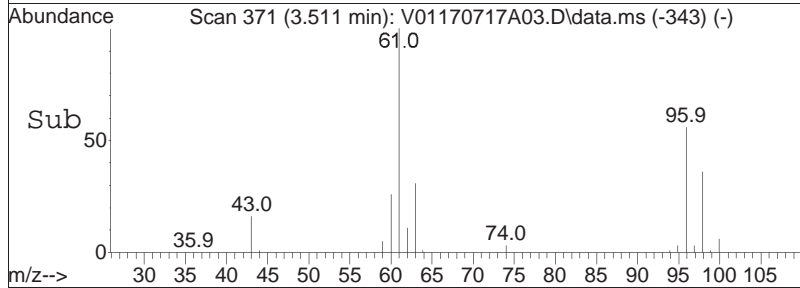
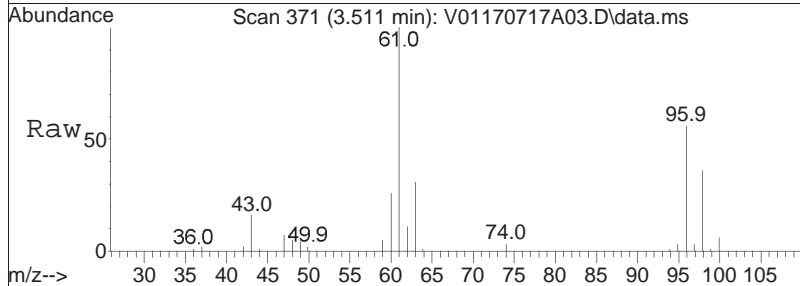
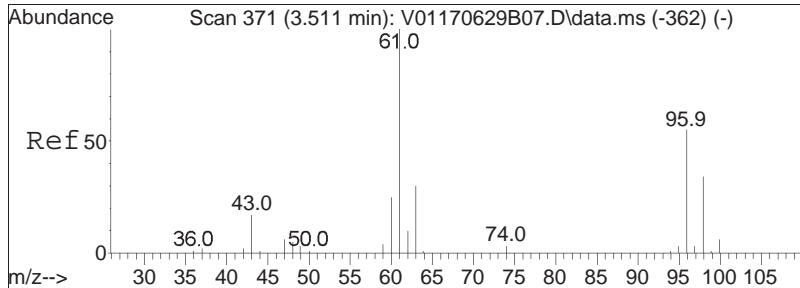




#17
 Acetone
 Concen: 10.74 ug/L
 RT: 3.402 min Scan# 351
 Delta R.T. -0.000 min
 Lab File: V01170717A03.D
 Acq: 17 Jul 2017 10:36

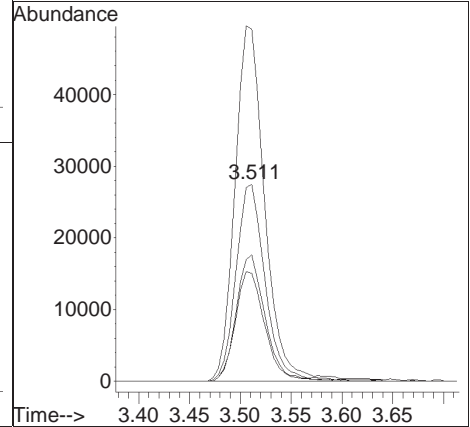
Tgt Ion	Resp	Lower	Upper
43	8882		
58	29.3	21.8	32.6

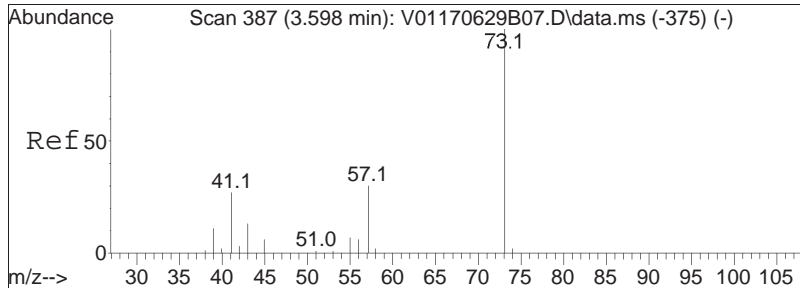




#18
 trans-1,2-Dichloroethene
 Concen: 10.11 ug/L
 RT: 3.511 min Scan# 371
 Delta R.T. 0.000 min
 Lab File: V01170717A03.D
 Acq: 17 Jul 2017 10:36

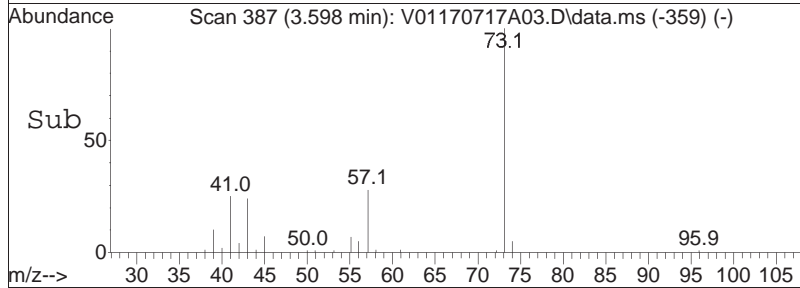
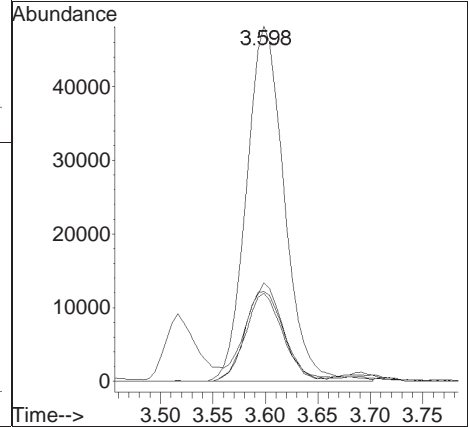
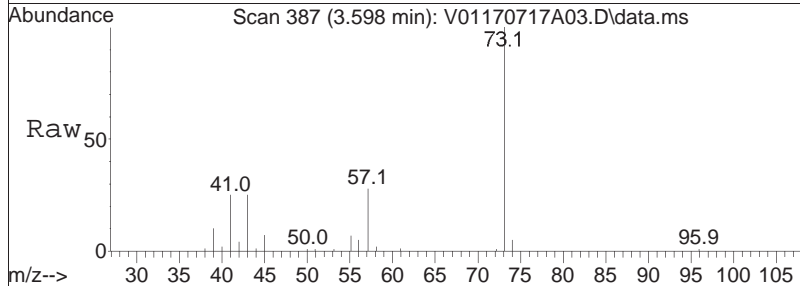
Tgt Ion	Resp	Lower	Upper
96	100		
61	182.7	88.2	183.2
98	63.2	40.8	84.6
63	55.7	28.4	59.0

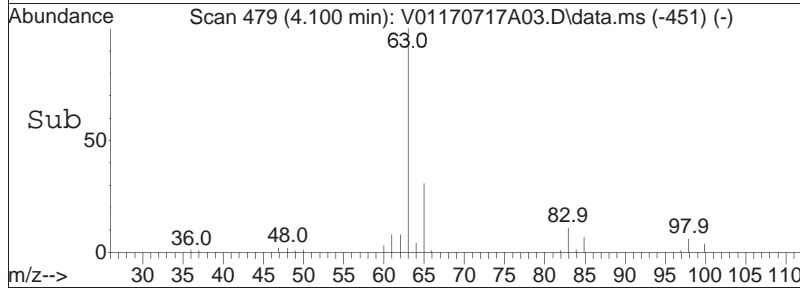
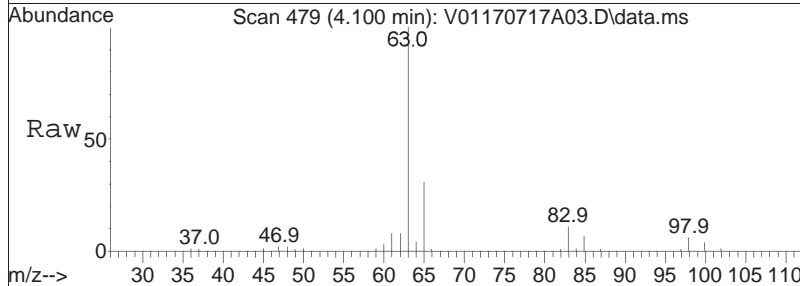
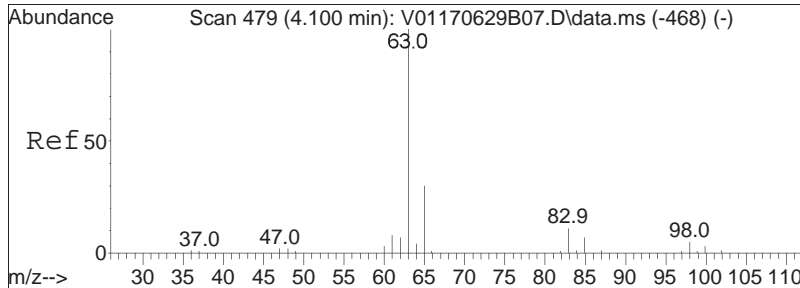




#20
 Methyl tert-butyl ether
 Concen: 10.93 ug/L
 RT: 3.598 min Scan# 387
 Delta R.T. 0.000 min
 Lab File: V01170717A03.D
 Acq: 17 Jul 2017 10:36

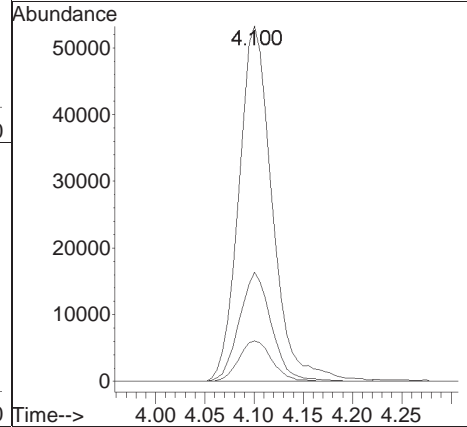
Tgt Ion	Resp	Lower	Upper
73	120573		
57	27.1	13.8	28.8
43	25.3	14.8	30.8
41	24.5	13.8	28.6

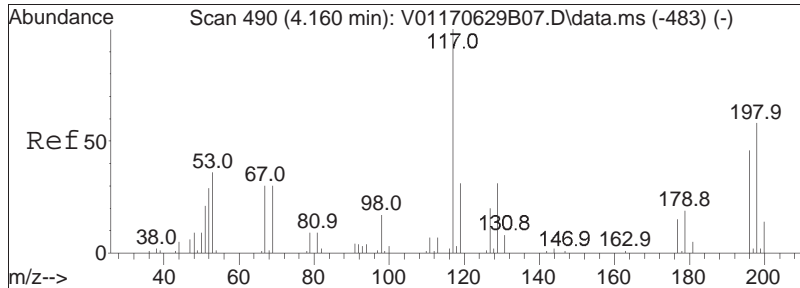




#23
 1,1-Dichloroethane
 Concen: 9.67 ug/L
 RT: 4.100 min Scan# 479
 Delta R.T. 0.000 min
 Lab File: V01170717A03.D
 Acq: 17 Jul 2017 10:36

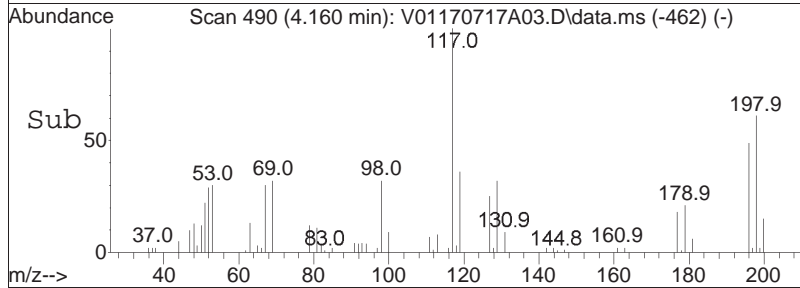
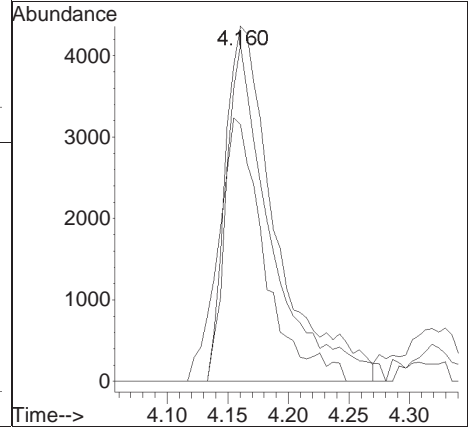
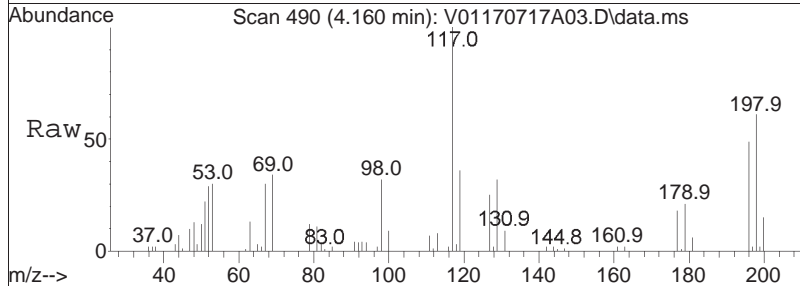
Tgt Ion:	Resp:		
Ion	Ratio	Lower	Upper
63	100		
65	29.6	10.5	50.5
83	11.3	0.0	33.2

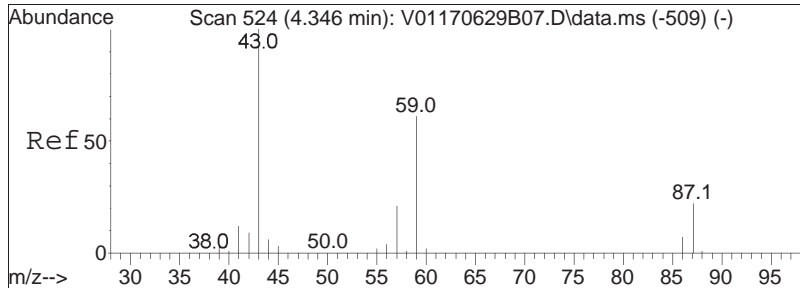




#25
 Acrylonitrile
 Concen: 9.34 ug/L
 RT: 4.160 min Scan# 490
 Delta R.T. 0.000 min
 Lab File: V01170717A03.D
 Acq: 17 Jul 2017 10:36

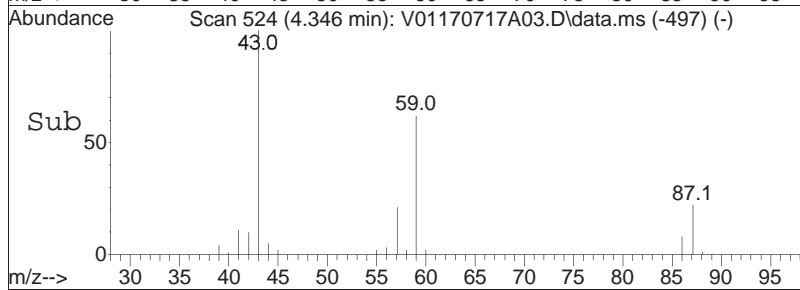
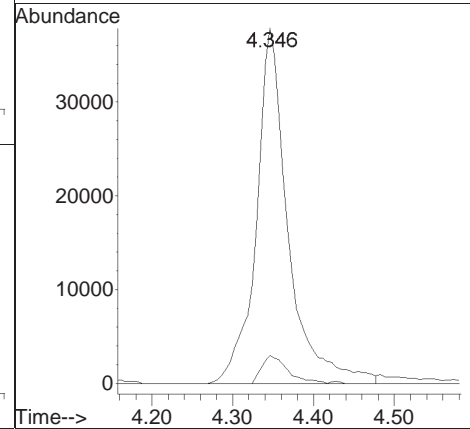
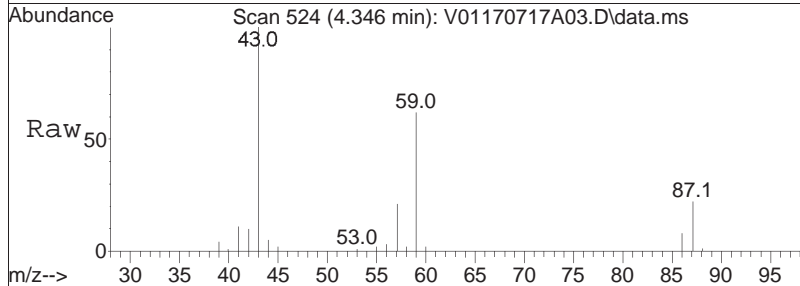
Tgt Ion:	Resp:		
Ion	Ratio	Lower	Upper
53	100		
52	83.9	63.4	95.0
51	64.4	58.7	88.1

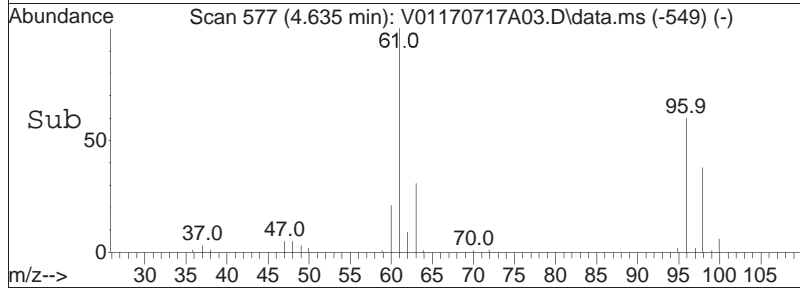
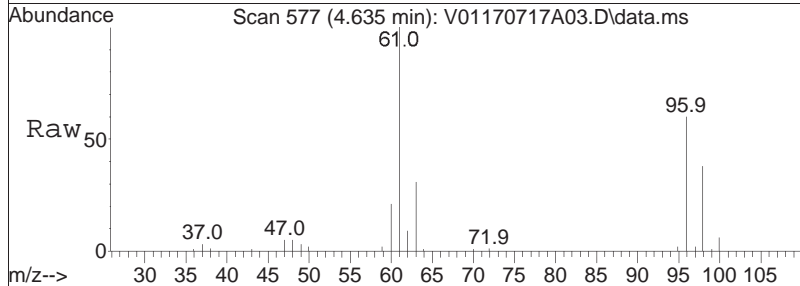
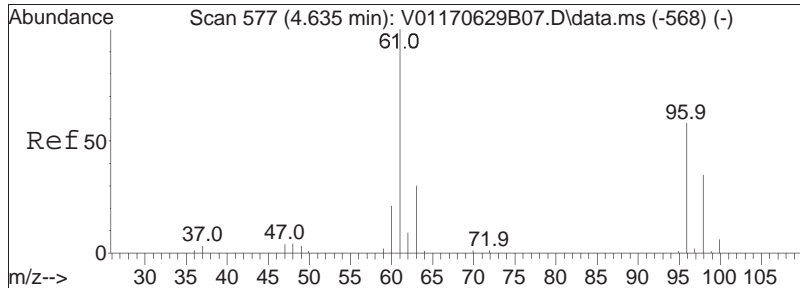




#27
 Vinyl acetate
 Concen: 9.75 ug/L
 RT: 4.346 min Scan# 524
 Delta R.T. -0.000 min
 Lab File: V01170717A03.D
 Acq: 17 Jul 2017 10:36

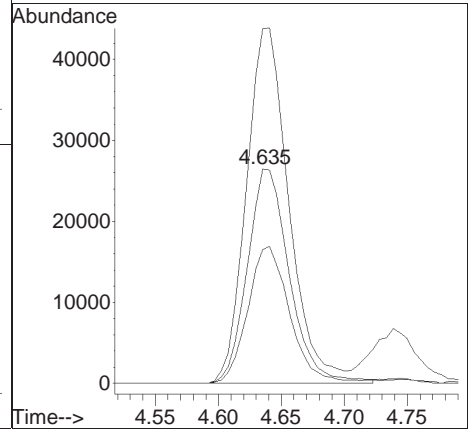
Tgt Ion	Resp	Lower	Upper
43	100		
86	6.4	6.6	9.8#

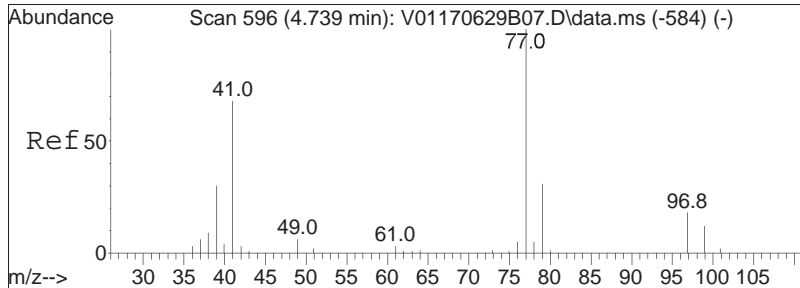




#28
 cis-1,2-Dichloroethene
 Concen: 10.16 ug/L
 RT: 4.635 min Scan# 577
 Delta R.T. 0.000 min
 Lab File: V01170717A03.D
 Acq: 17 Jul 2017 10:36

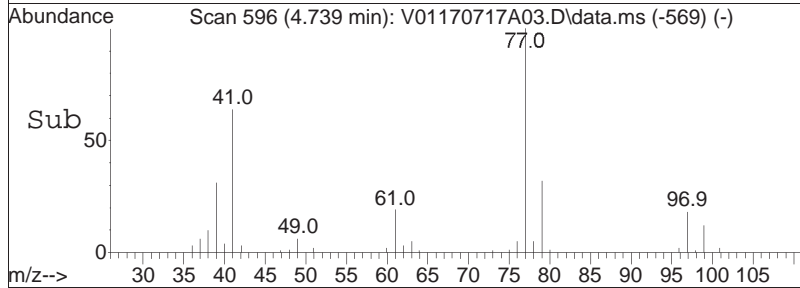
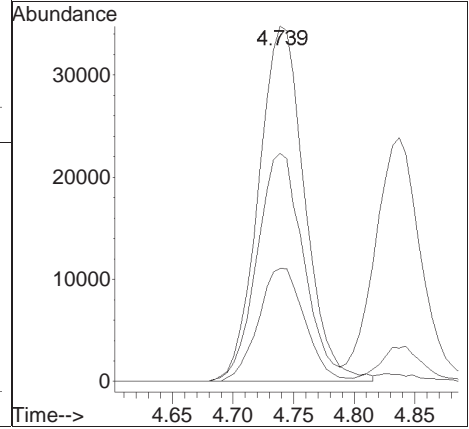
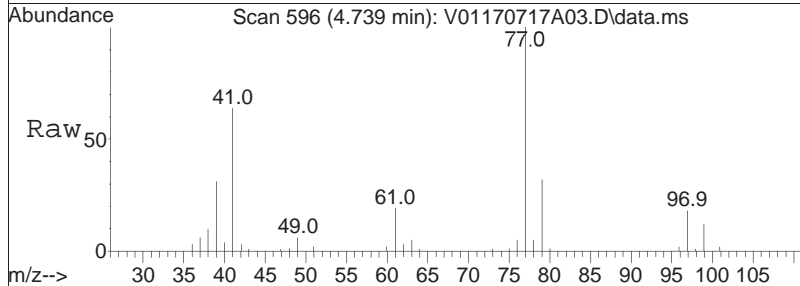
Tgt Ion:	96	Resp:	61472
Ion Ratio	Lower	Upper	
96	100		
61	166.7	101.4	152.0#
98	63.8	50.2	75.4

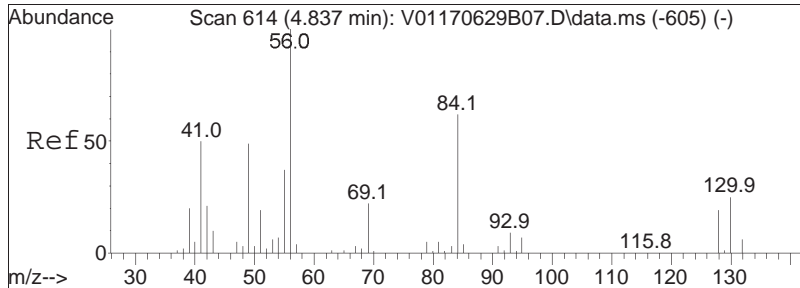




#29
 2,2-Dichloropropane
 Concen: 10.76 ug/L
 RT: 4.739 min Scan# 596
 Delta R.T. -0.000 min
 Lab File: V01170717A03.D
 Acq: 17 Jul 2017 10:36

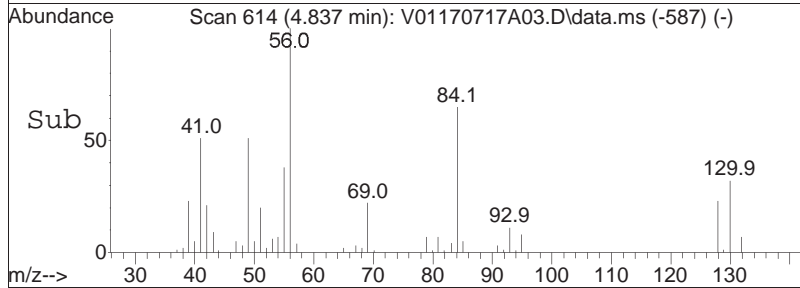
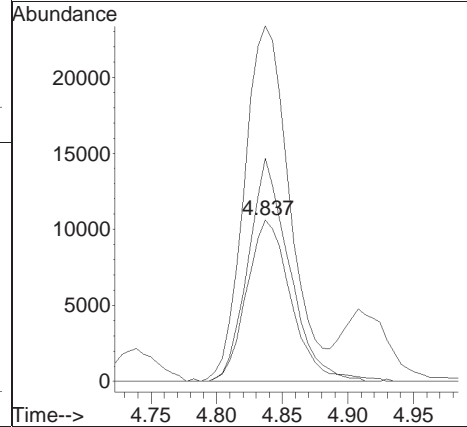
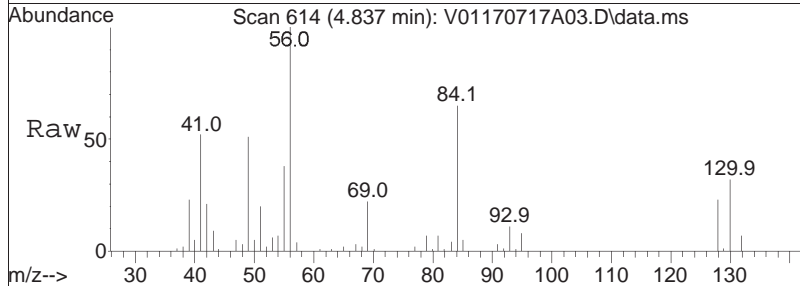
Tgt Ion:	Resp:		
Ion	Ratio	Lower	Upper
77	100		
41	64.5	39.6	82.3
79	32.0	20.8	43.2

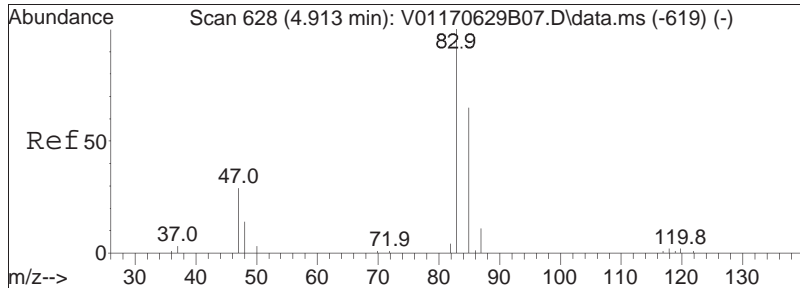




#30
 Bromochloromethane
 Concen: 11.19 ug/L
 RT: 4.837 min Scan# 614
 Delta R.T. -0.000 min
 Lab File: V01170717A03.D
 Acq: 17 Jul 2017 10:36

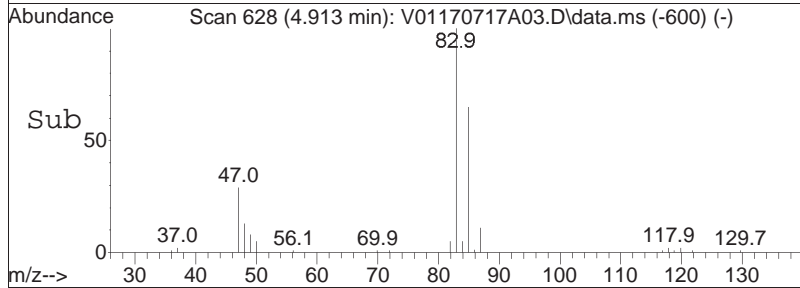
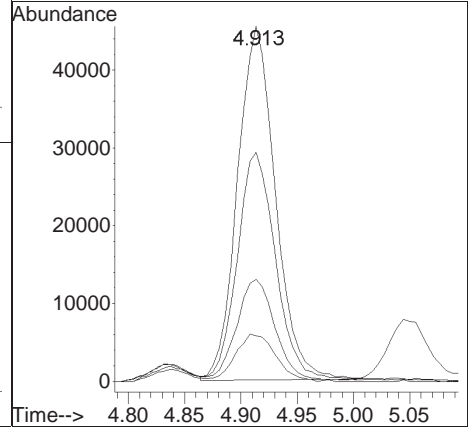
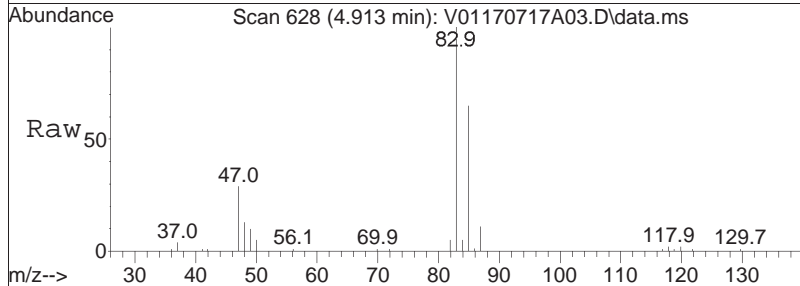
Tgt Ion	Resp	Lower	Upper
128	24875		
128	100		
49	226.5	152.2	228.2
130	129.4	105.8	158.6

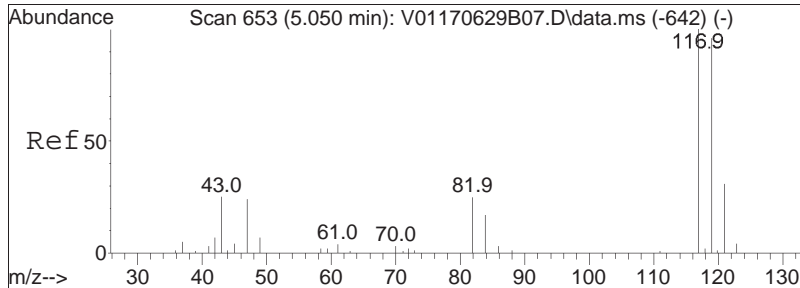




#32
 Chloroform
 Concen: 10.58 ug/L
 RT: 4.913 min Scan# 628
 Delta R.T. 0.000 min
 Lab File: V01170717A03.D
 Acq: 17 Jul 2017 10:36

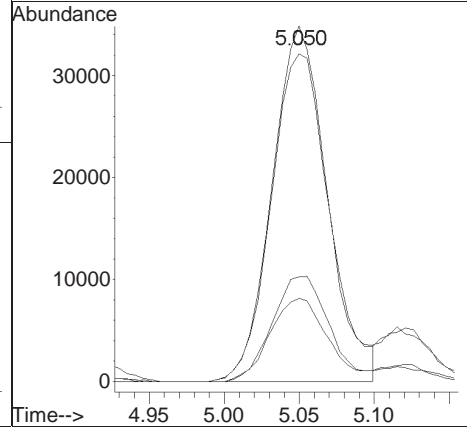
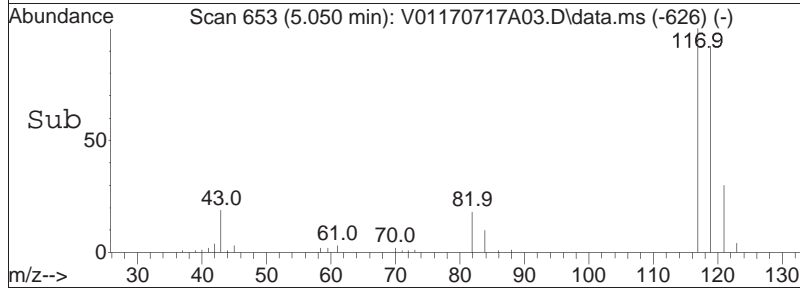
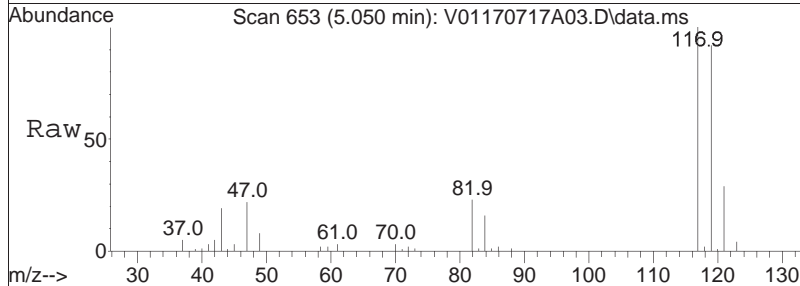
Tgt Ion	Resp	Lower	Upper
83	106524		
85	64.9	42.0	87.2
47	29.0	17.6	36.6
48	14.2	9.4	19.4

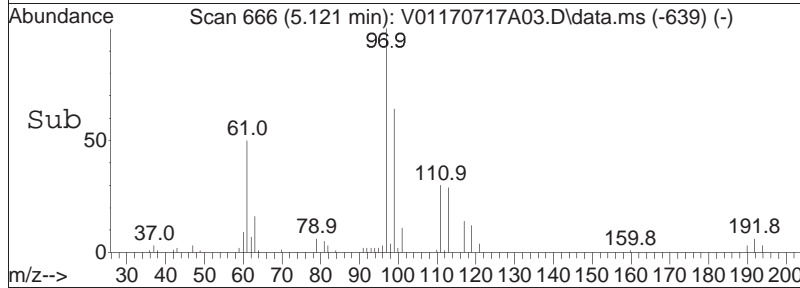
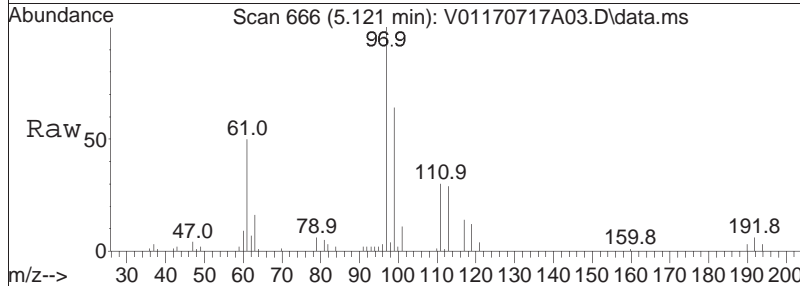
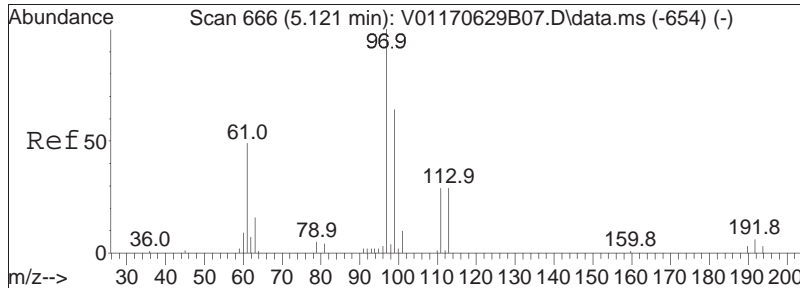




#34
 Carbon tetrachloride
 Concen: 11.57 ug/L
 RT: 5.050 min Scan# 653
 Delta R.T. -0.000 min
 Lab File: V01170717A03.D
 Acq: 17 Jul 2017 10:36

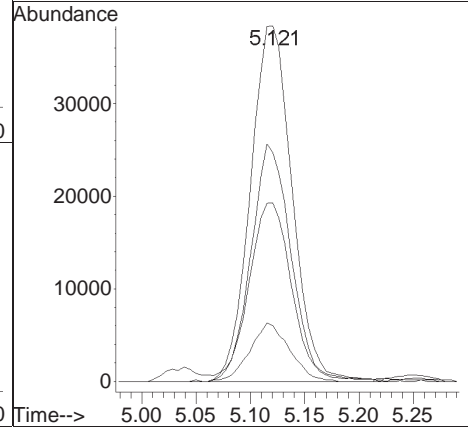
Tgt Ion	Resp	Lower	Upper
117	89540		
119	94.5	62.5	129.9
121	30.1	19.9	41.3
82	24.1	18.2	37.8

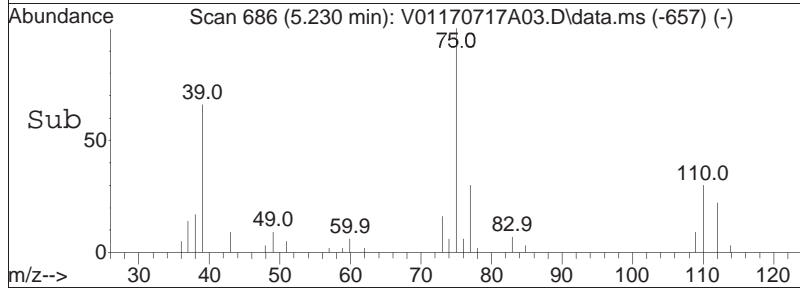
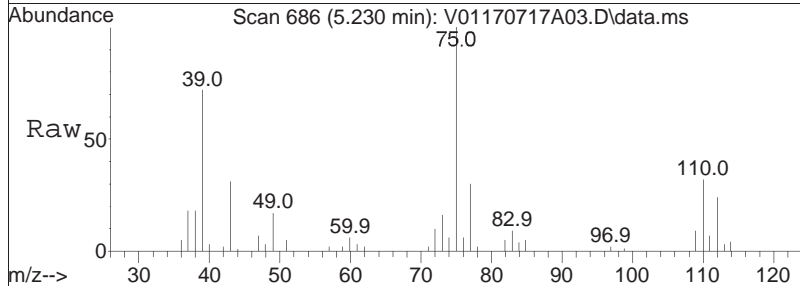
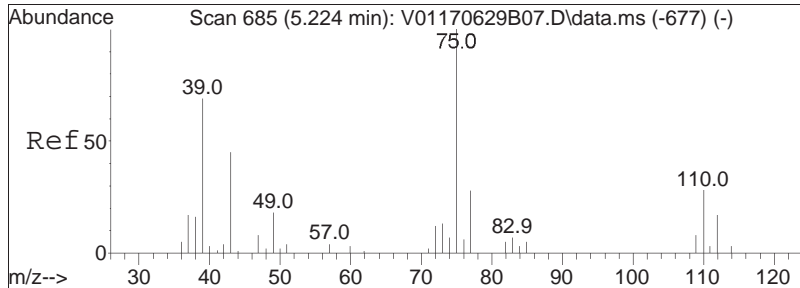




#37
 1,1,1-Trichloroethane
 Concen: 11.26 ug/L
 RT: 5.121 min Scan# 666
 Delta R.T. -0.000 min
 Lab File: V01170717A03.D
 Acq: 17 Jul 2017 10:36

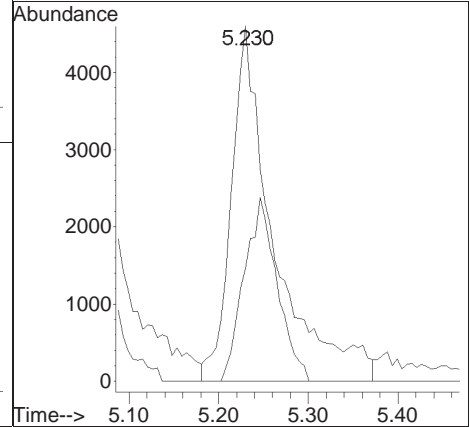
Tgt Ion	Resp	Lower	Upper
97	102803		
99	64.1	40.8	84.8
61	51.4	28.0	58.2
63	15.6	9.4	19.4

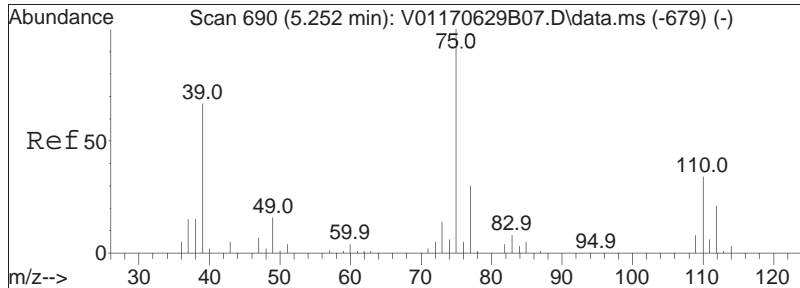




#39
 2-Butanone
 Concen: 10.09 ug/L M1
 RT: 5.230 min Scan# 686
 Delta R.T. 0.006 min
 Lab File: V01170717A03.D
 Acq: 17 Jul 2017 10:36

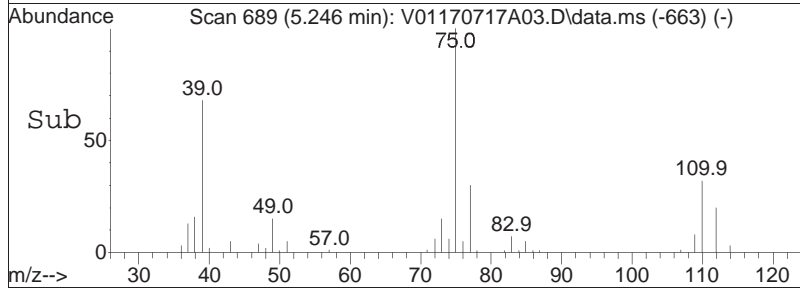
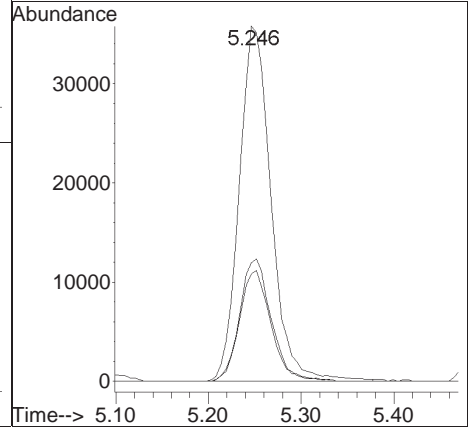
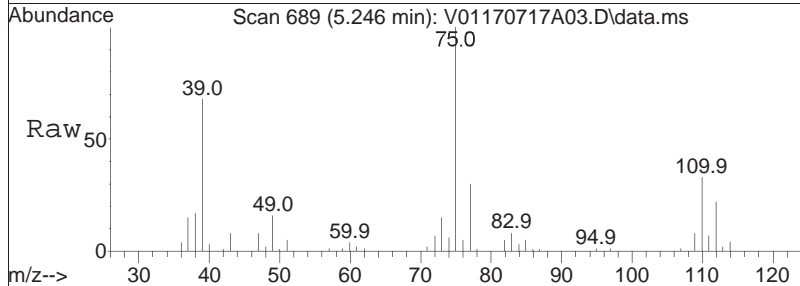
Tgt Ion: 43 Resp: 15169
 Ion Ratio Lower Upper
 43 100
 72 40.2 39.5 59.3

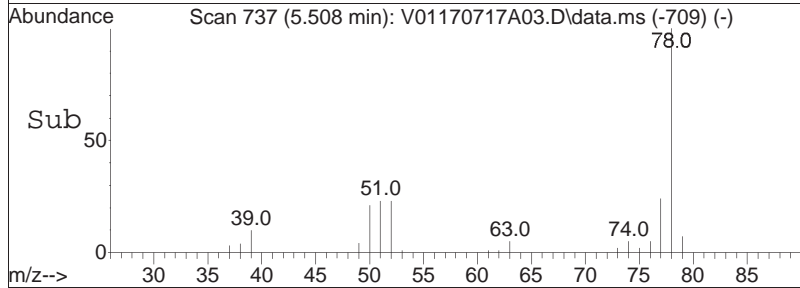
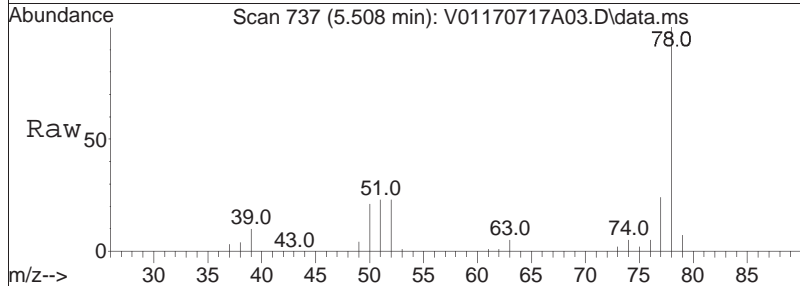
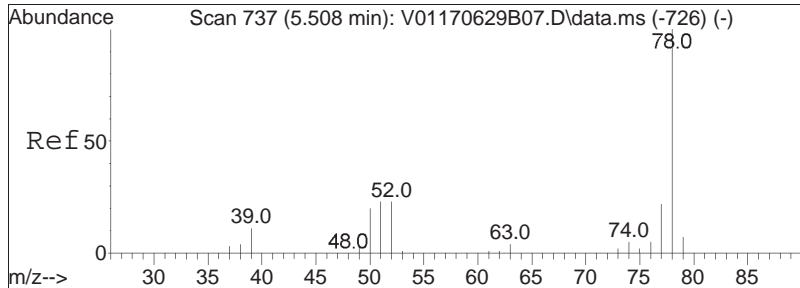




#40
 1,1-Dichloropropene
 Concen: 9.93 ug/L
 RT: 5.246 min Scan# 689
 Delta R.T. -0.006 min
 Lab File: V01170717A03.D
 Acq: 17 Jul 2017 10:36

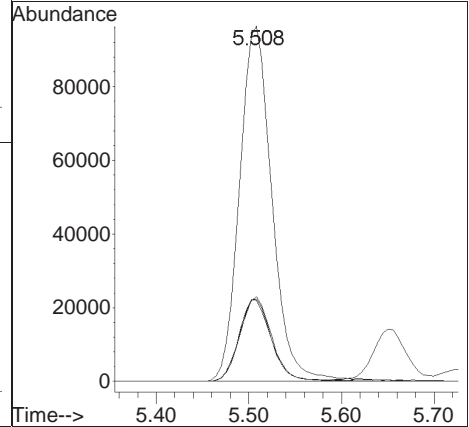
Tgt Ion	Resp	Lower	Upper
75	100		
110	34.1	21.8	45.4
77	30.8	20.0	41.4

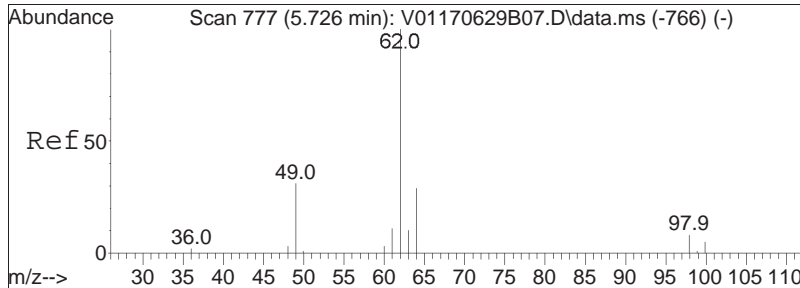




#41
Benzene
Concen: 9.56 ug/L
RT: 5.508 min Scan# 737
Delta R.T. 0.000 min
Lab File: V01170717A03.D
Acq: 17 Jul 2017 10:36

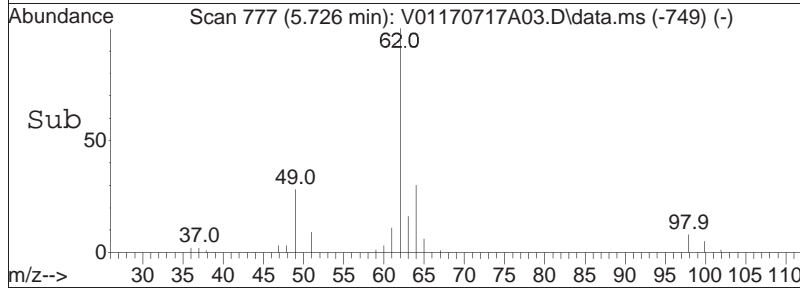
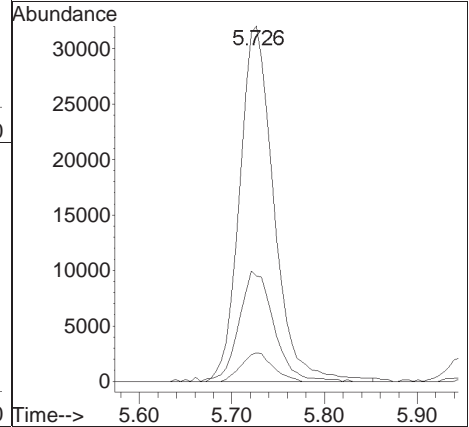
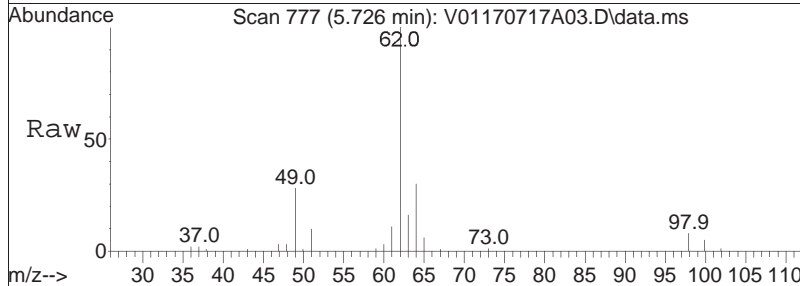
Tgt Ion	Resp	Lower	Upper
78	234690		
77	23.5	15.3	31.9
51	22.7	10.9	22.5#
52	23.1	10.1	20.9#

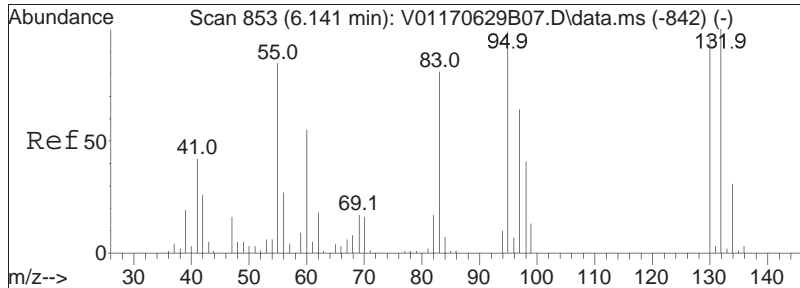




#44
 1,2-Dichloroethane
 Concen: 11.56 ug/L
 RT: 5.726 min Scan# 777
 Delta R.T. 0.000 min
 Lab File: V01170717A03.D
 Acq: 17 Jul 2017 10:36

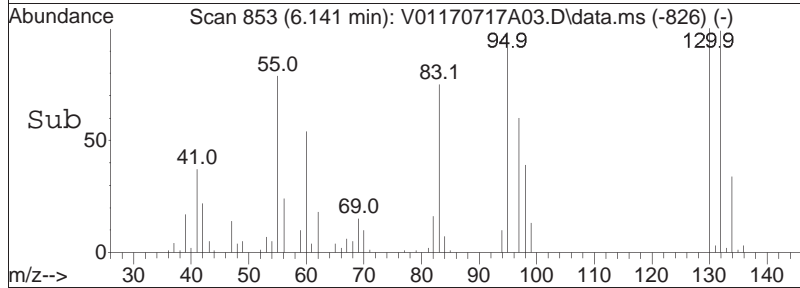
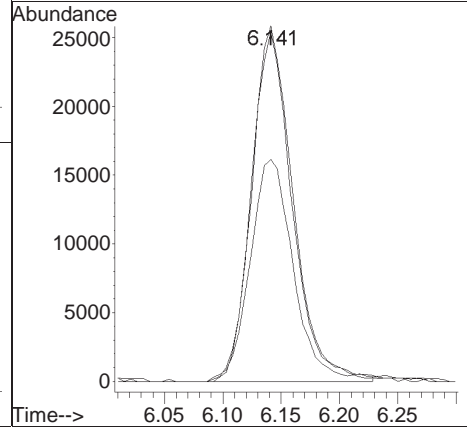
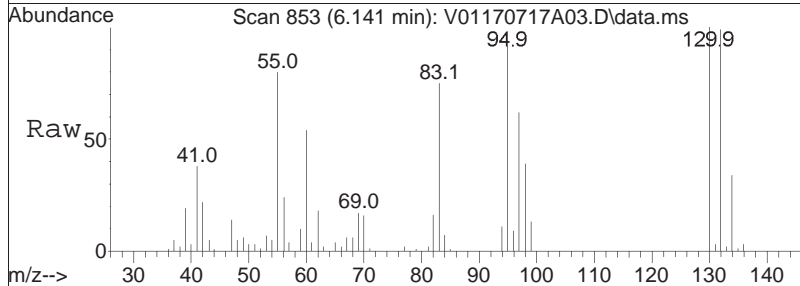
Tgt Ion:	Resp:	Lower	Upper
62	100		
64	31.6	13.7	53.7
98	7.5	0.0	29.0

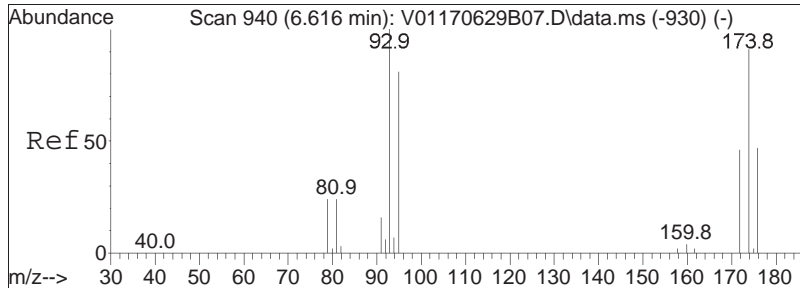




#48
 Trichloroethene
 Concen: 10.03 ug/L
 RT: 6.141 min Scan# 853
 Delta R.T. 0.000 min
 Lab File: V01170717A03.D
 Acq: 17 Jul 2017 10:36

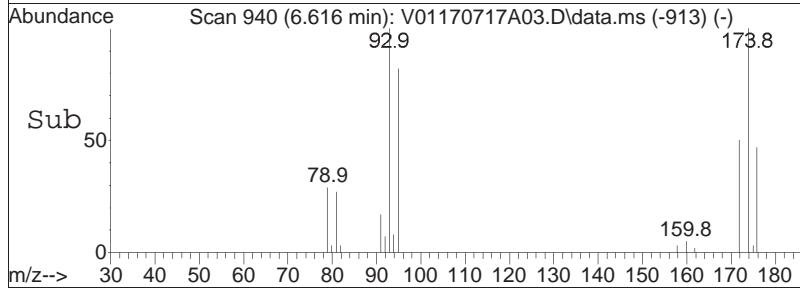
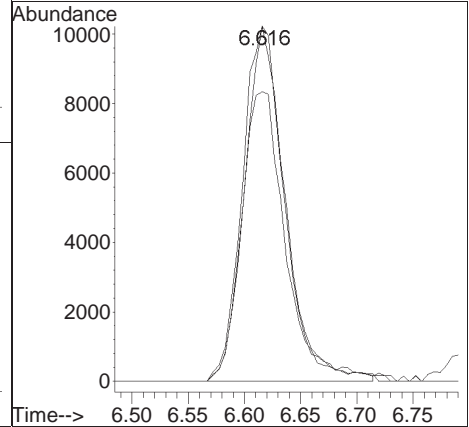
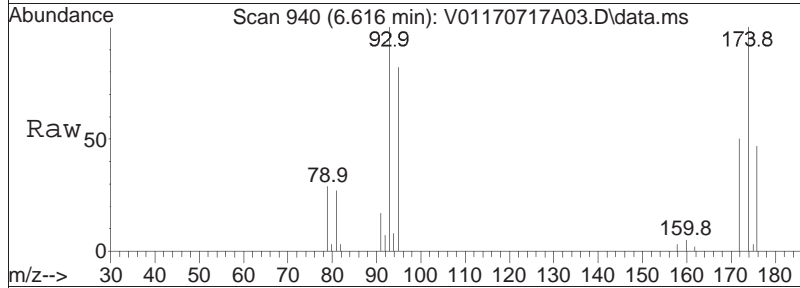
Tgt Ion	Resp	Lower	Upper
95	62109		
95	100		
97	67.5	55.1	82.7
130	103.6	71.9	107.9

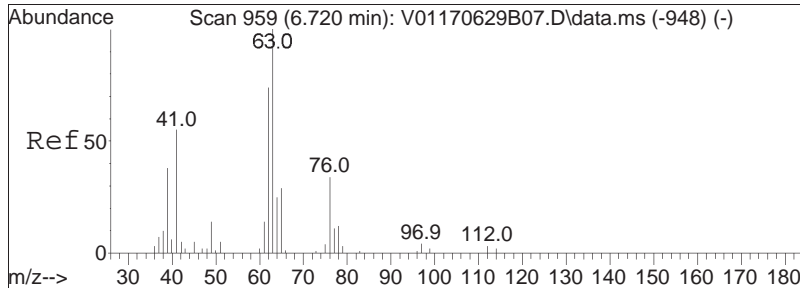




#50
 Dibromomethane
 Concen: 11.00 ug/L
 RT: 6.616 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: V01170717A03.D
 Acq: 17 Jul 2017 10:36

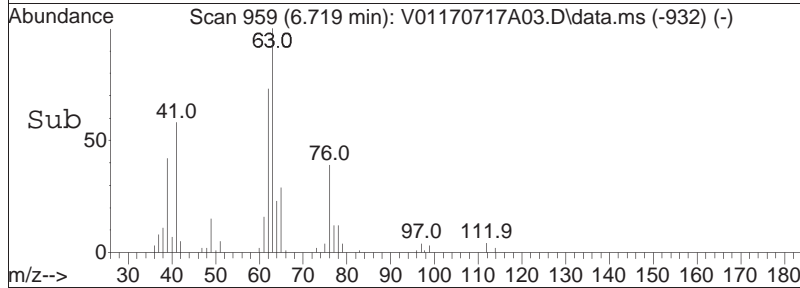
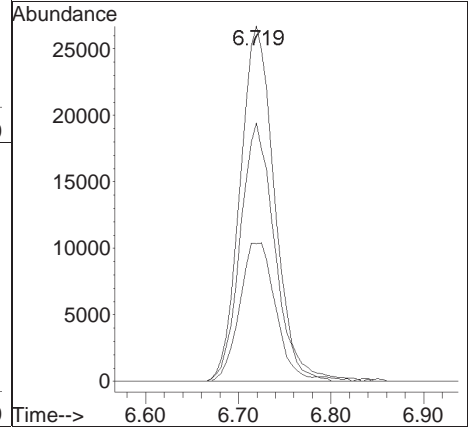
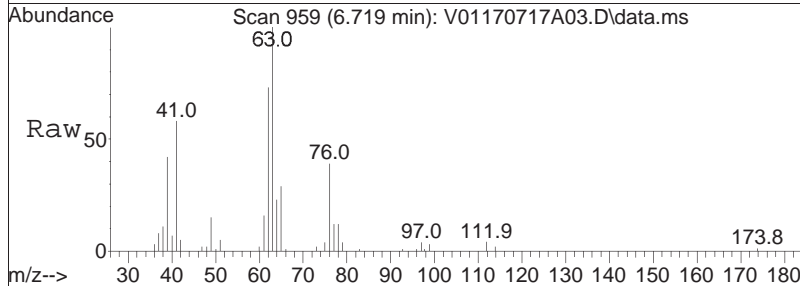
Tgt Ion	Resp	Lower	Upper
93	26988		
93	100		
95	82.5	65.9	98.9
174	96.1	68.5	102.7

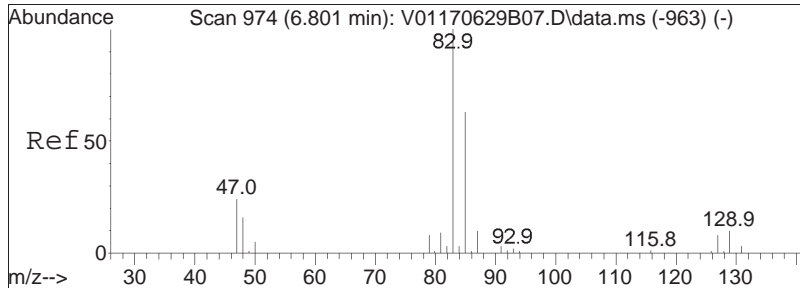




#51
 1,2-Dichloropropane
 Concen: 9.47 ug/L
 RT: 6.719 min Scan# 959
 Delta R.T. -0.001 min
 Lab File: V01170717A03.D
 Acq: 17 Jul 2017 10:36

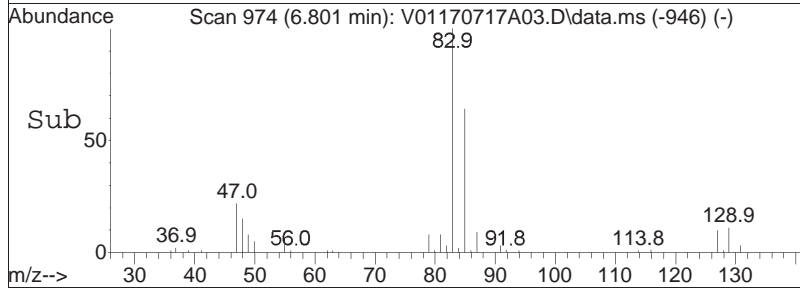
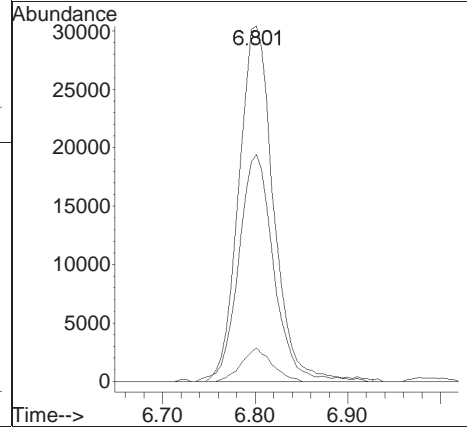
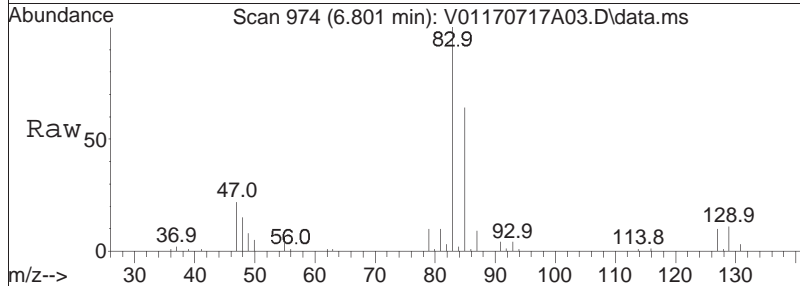
Tgt Ion	Resp	Lower	Upper
63	100		
62	71.6	57.1	85.7
76	40.4	35.3	52.9

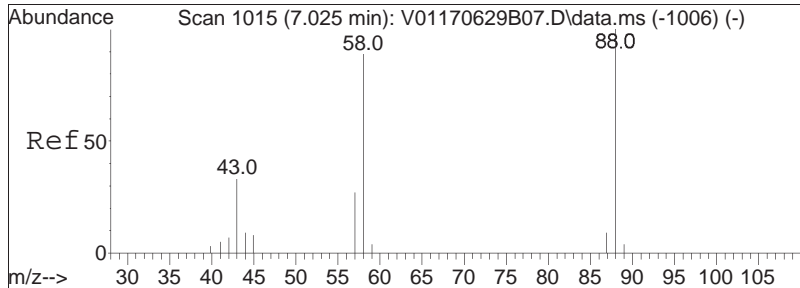




#54
 Bromodichloromethane
 Concen: 11.06 ug/L
 RT: 6.801 min Scan# 974
 Delta R.T. 0.000 min
 Lab File: V01170717A03.D
 Acq: 17 Jul 2017 10:36

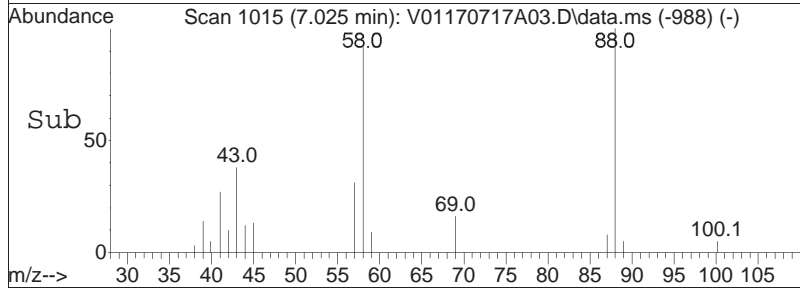
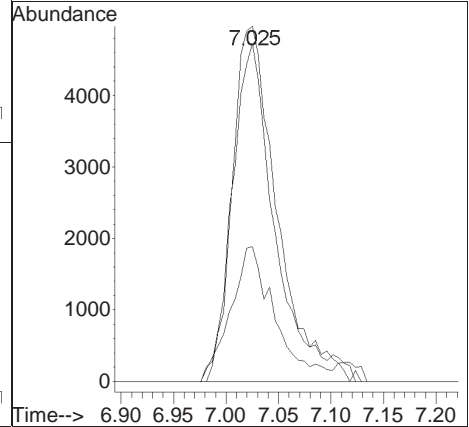
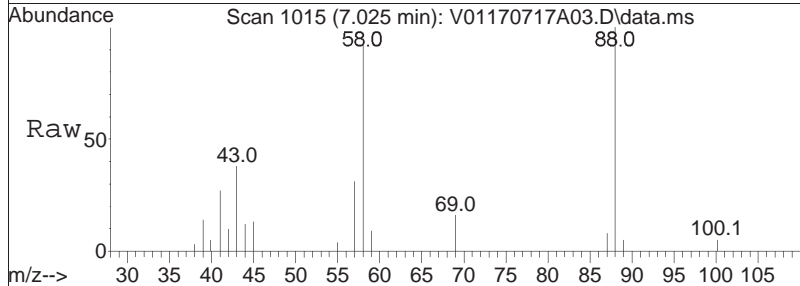
Tgt Ion	Resp	Lower	Upper
83	79410		
85	64.4	50.7	76.1
127	8.2	6.3	9.5

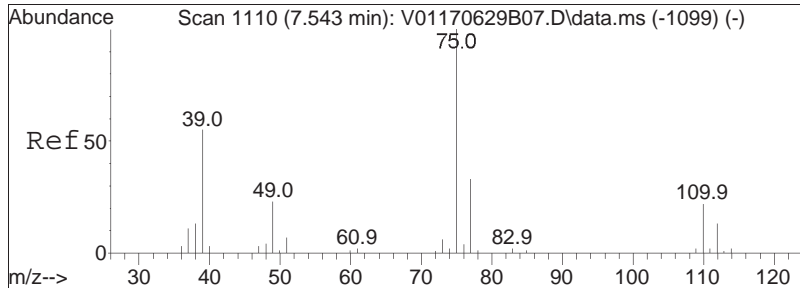




#57
 1,4-Dioxane
 Concen: 630.80 ug/L
 RT: 7.025 min Scan# 1015
 Delta R.T. -0.000 min
 Lab File: V01170717A03.D
 Acq: 17 Jul 2017 10:36

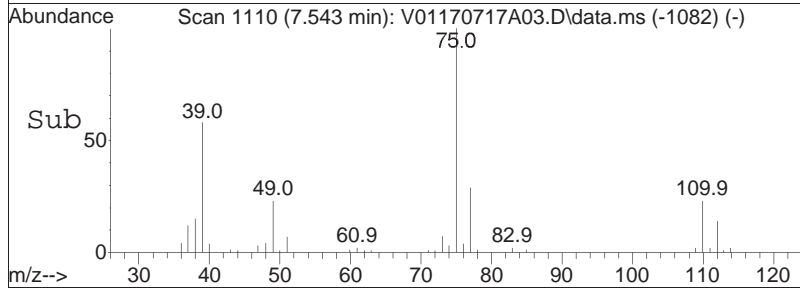
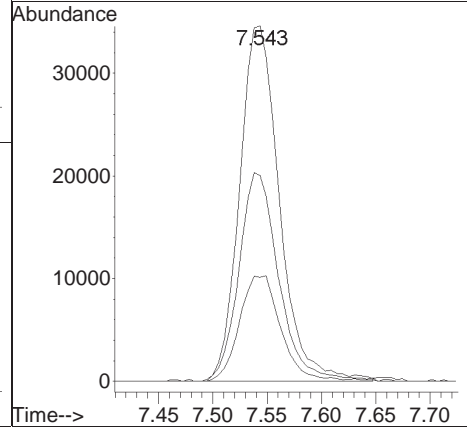
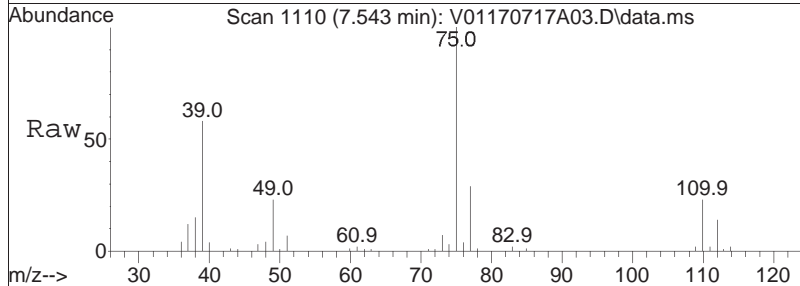
Tgt Ion	Resp	Lower	Upper
88	14867		
58	87.7	53.5	80.3#
43	37.6	28.6	42.8

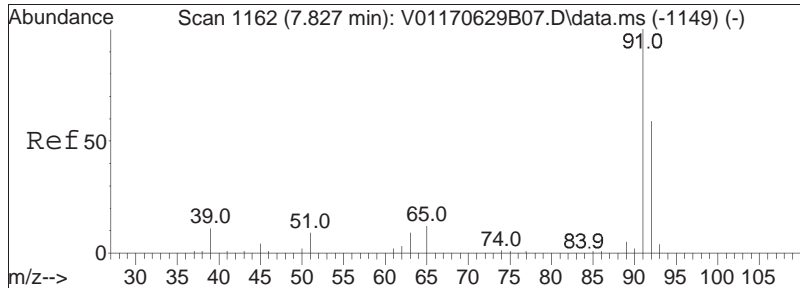




#58
 cis-1,3-Dichloropropene
 Concen: 10.46 ug/L
 RT: 7.543 min Scan# 1110
 Delta R.T. 0.000 min
 Lab File: V01170717A03.D
 Acq: 17 Jul 2017 10:36

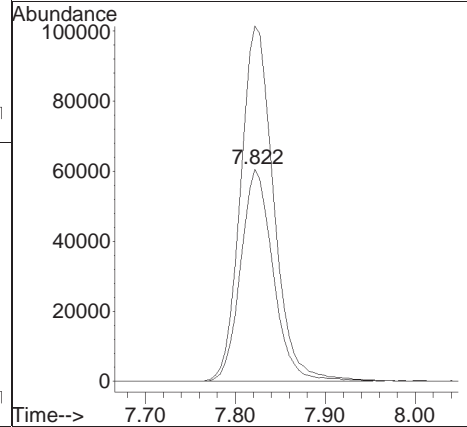
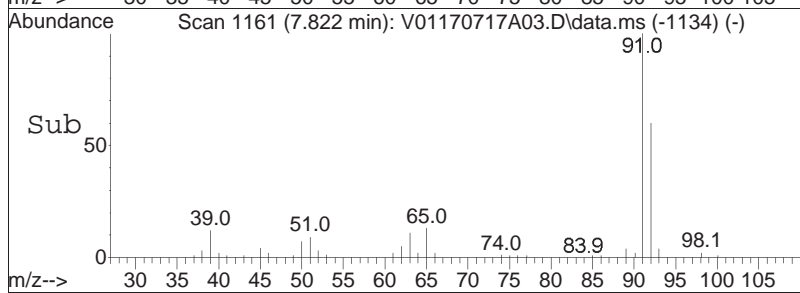
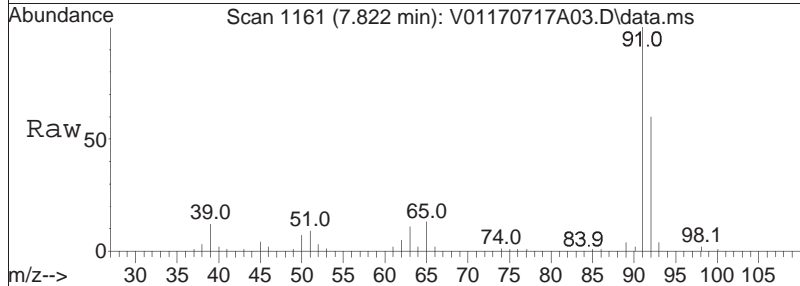
Tgt Ion	Resp	Lower	Upper
75	100		
77	30.7	25.4	38.2
39	58.7	42.1	63.1

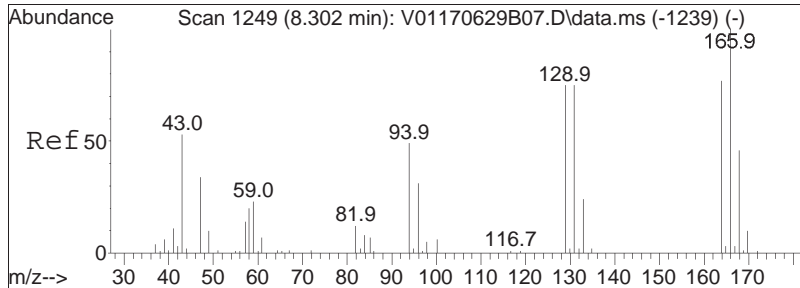




#61
 Toluene
 Concen: 9.12 ug/L
 RT: 7.822 min Scan# 1161
 Delta R.T. -0.005 min
 Lab File: V01170717A03.D
 Acq: 17 Jul 2017 10:36

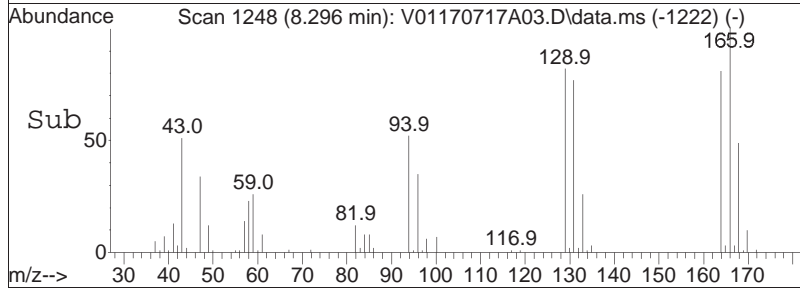
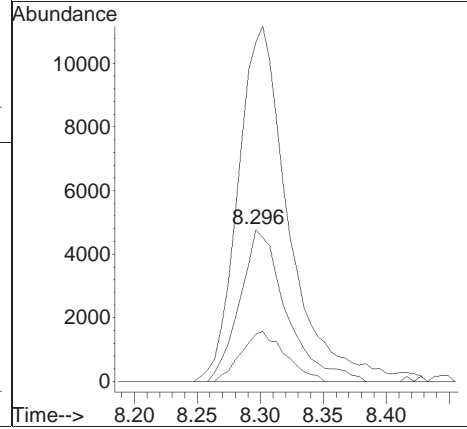
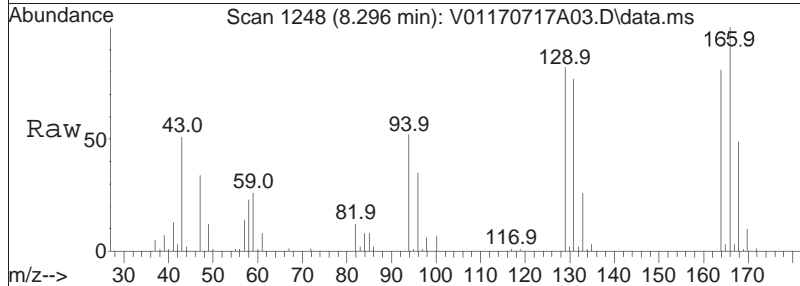
Tgt Ion:	92	Resp:	152100
Ion Ratio	Lower	Upper	
92	100		
91	170.9	138.6	207.8

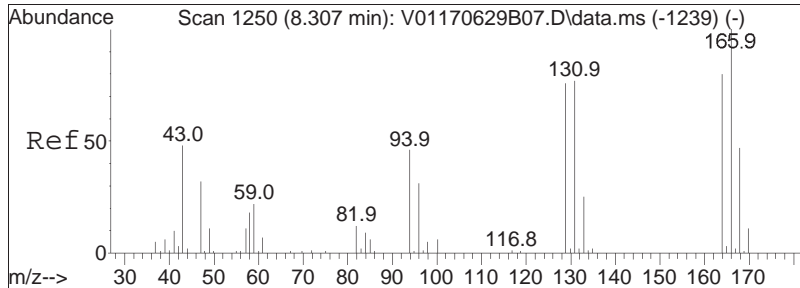




#62
 4-Methyl-2-pentanone
 Concen: 8.37 ug/L
 RT: 8.296 min Scan# 1248
 Delta R.T. -0.006 min
 Lab File: V01170717A03.D
 Acq: 17 Jul 2017 10:36

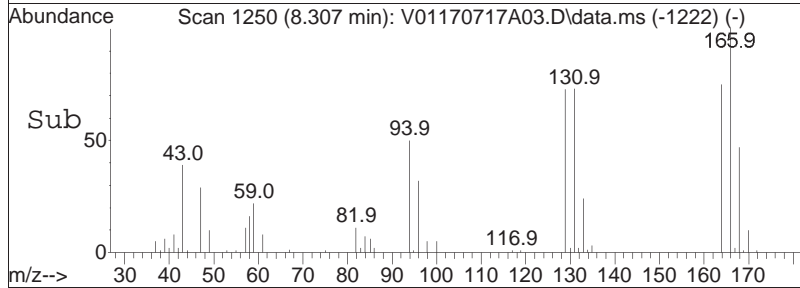
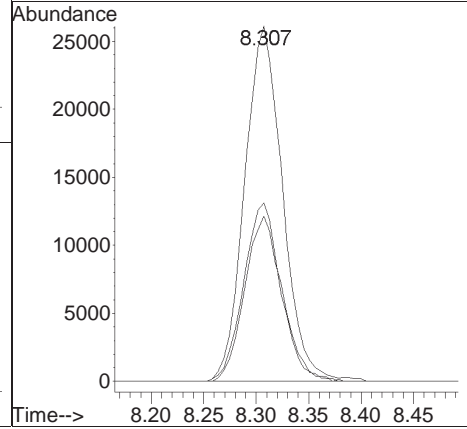
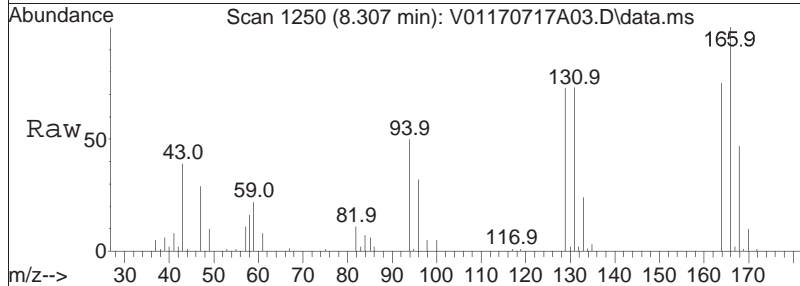
Tgt Ion	Resp	Lower	Upper
58	12251		
58	100		
100	31.3	31.1	46.7
43	254.6	217.6	326.4

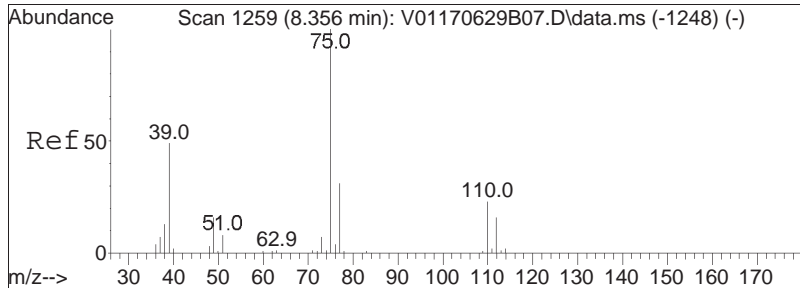




#63
 Tetrachloroethene
 Concen: 10.18 ug/L
 RT: 8.307 min Scan# 1250
 Delta R.T. 0.000 min
 Lab File: V01170717A03.D
 Acq: 17 Jul 2017 10:36

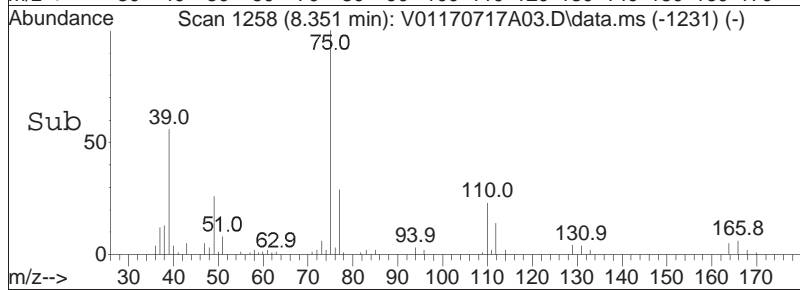
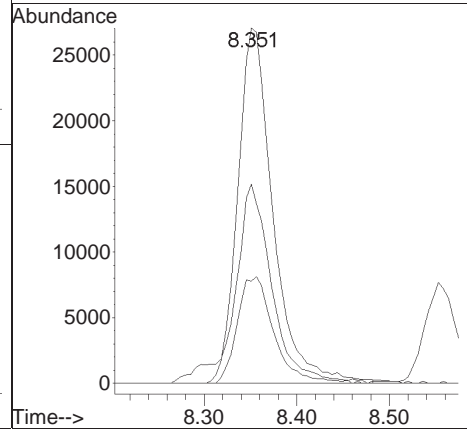
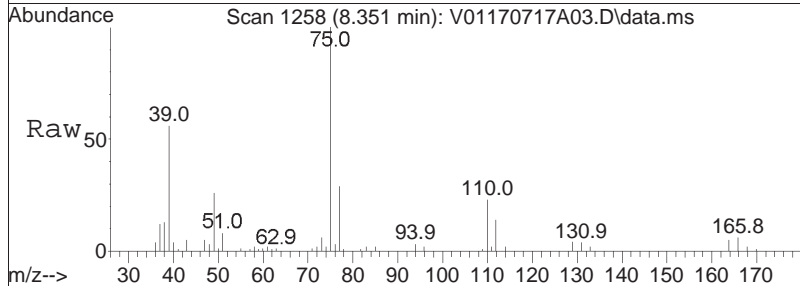
Tgt Ion	Ratio	Lower	Upper
166	100		
168	46.4	26.8	66.8
94	49.4	33.1	73.1

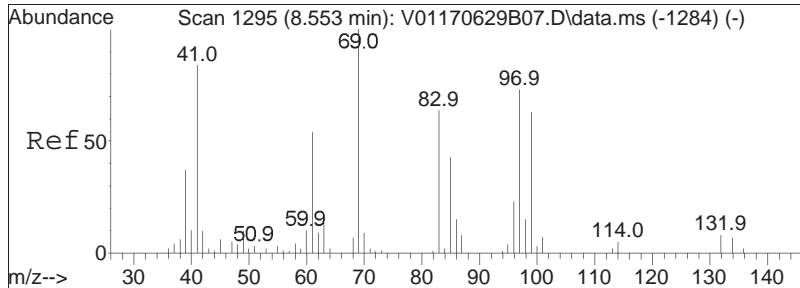




#65
 trans-1,3-Dichloropropene
 Concen: 9.20 ug/L
 RT: 8.351 min Scan# 1258
 Delta R.T. -0.005 min
 Lab File: V01170717A03.D
 Acq: 17 Jul 2017 10:36

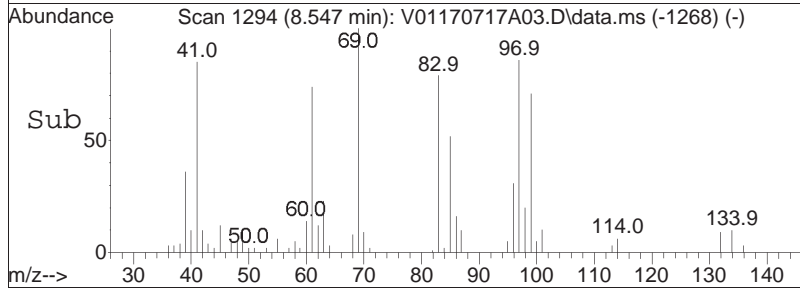
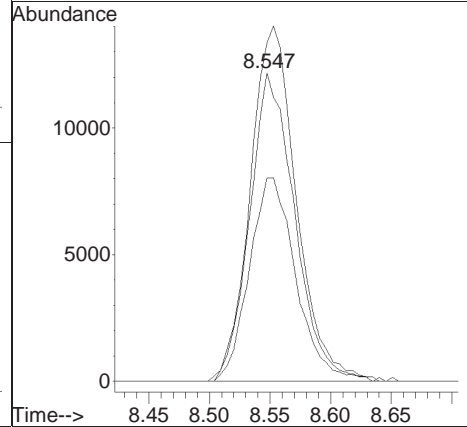
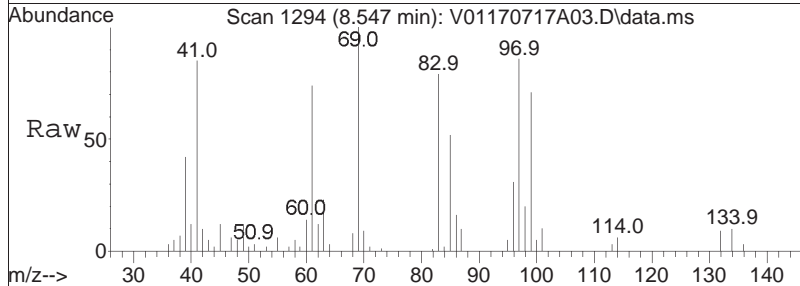
Tgt Ion:	Resp:		
Ion Ratio	Lower	Upper	
75	100		
77	31.1	11.8	51.8
39	58.9	34.7	74.7

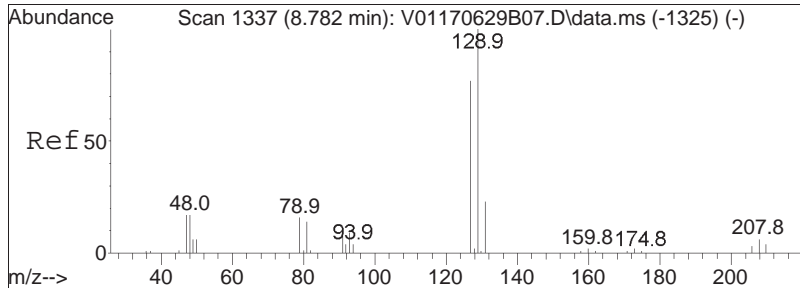




#68
 1,1,2-Trichloroethane
 Concen: 9.38 ug/L
 RT: 8.547 min Scan# 1294
 Delta R.T. -0.006 min
 Lab File: V01170717A03.D
 Acq: 17 Jul 2017 10:36

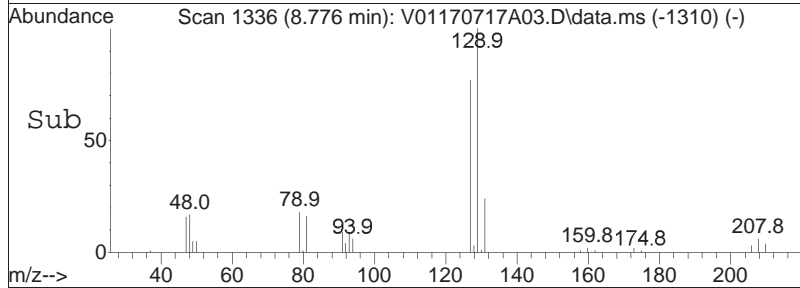
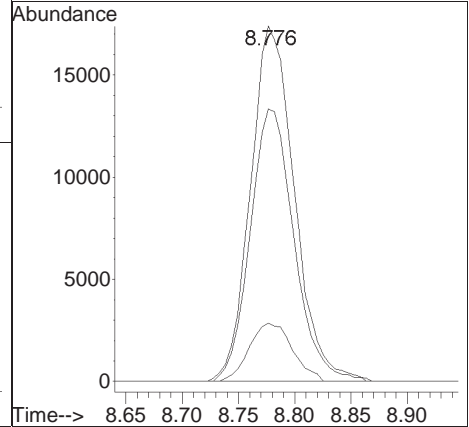
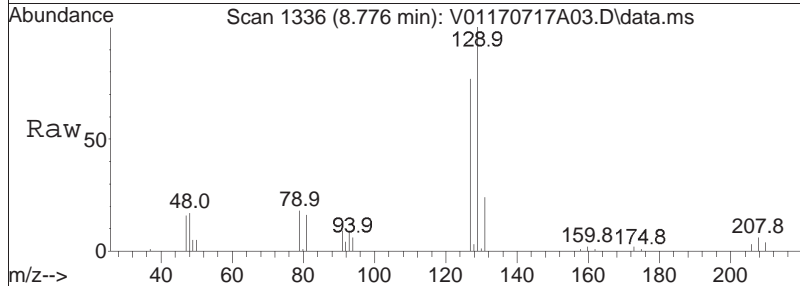
Tgt Ion:	83	Resp:	31620
Ion Ratio	Lower	Upper	
83	100		
97	117.5	99.6	139.6
85	68.0	46.7	86.7

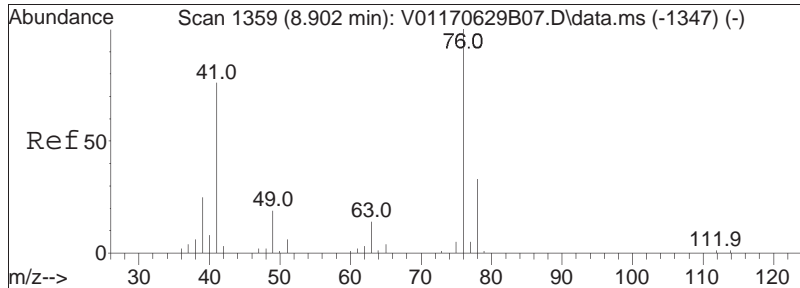




#69
 Chlorodibromomethane
 Concen: 10.67 ug/L
 RT: 8.776 min Scan# 1336
 Delta R.T. -0.006 min
 Lab File: V01170717A03.D
 Acq: 17 Jul 2017 10:36

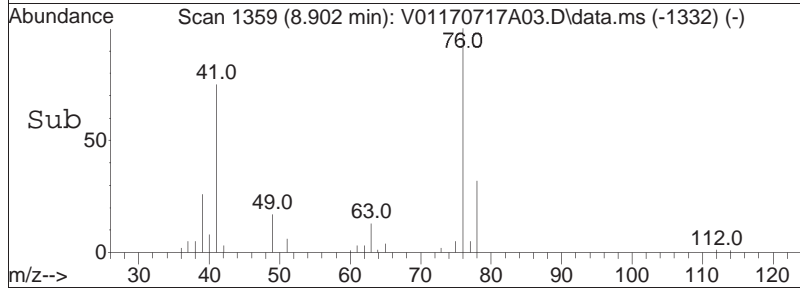
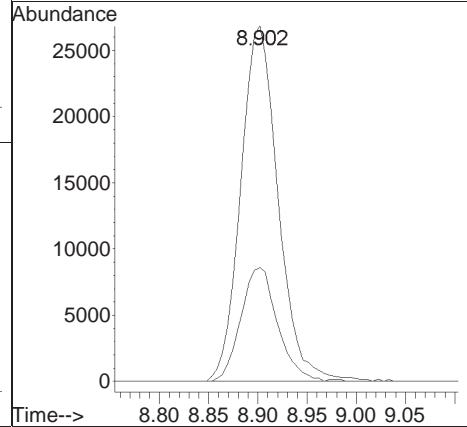
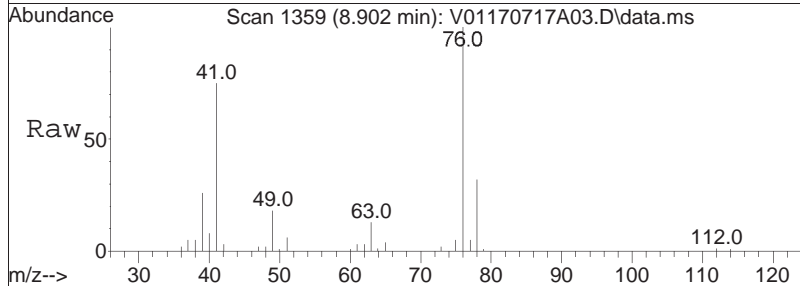
Tgt Ion	Ratio	Lower	Upper
129	100		
81	16.1	0.7	40.7
127	76.6	59.8	99.8

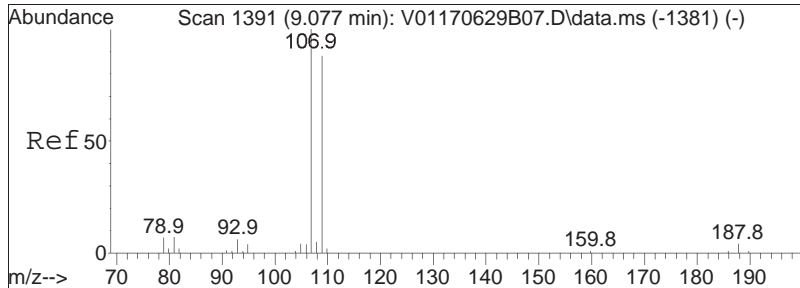




#70
 1,3-Dichloropropane
 Concen: 9.57 ug/L
 RT: 8.902 min Scan# 1359
 Delta R.T. -0.000 min
 Lab File: V01170717A03.D
 Acq: 17 Jul 2017 10:36

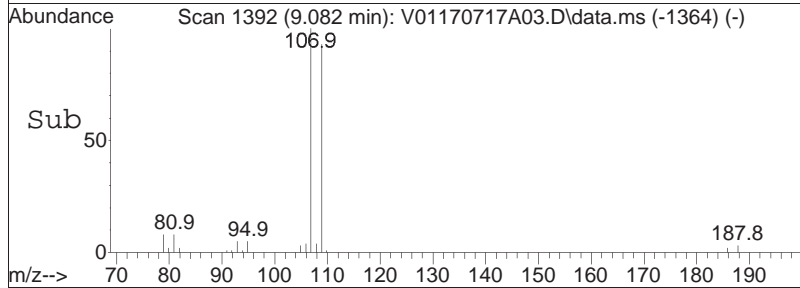
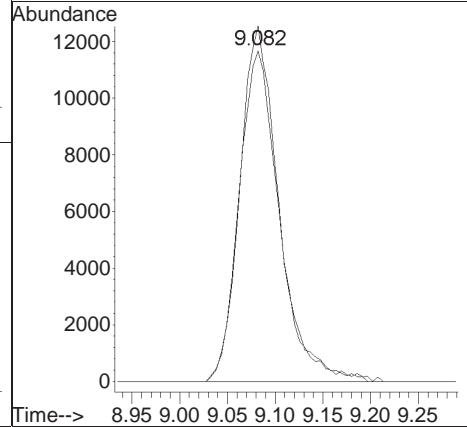
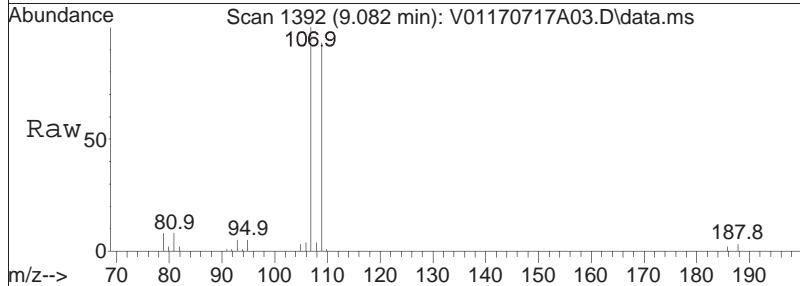
Tgt Ion:	Resp:		
Ion Ratio	Lower	Upper	
76	100		
78	31.4	25.6	38.4

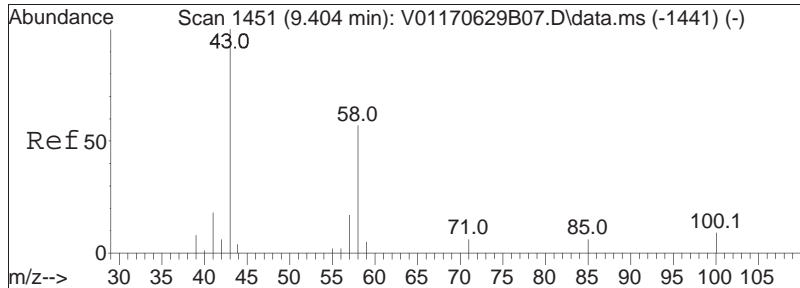




#71
 1,2-Dibromoethane
 Concen: 10.37 ug/L
 RT: 9.082 min Scan# 1392
 Delta R.T. 0.005 min
 Lab File: V01170717A03.D
 Acq: 17 Jul 2017 10:36

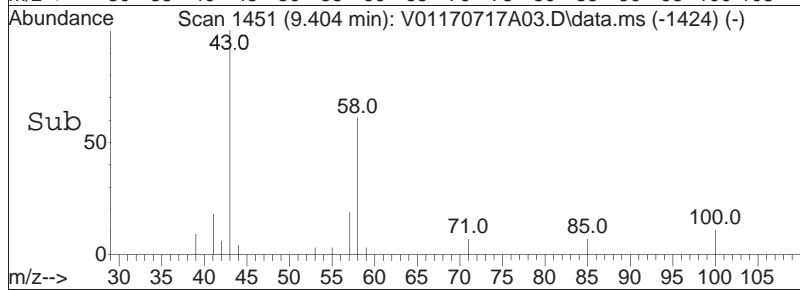
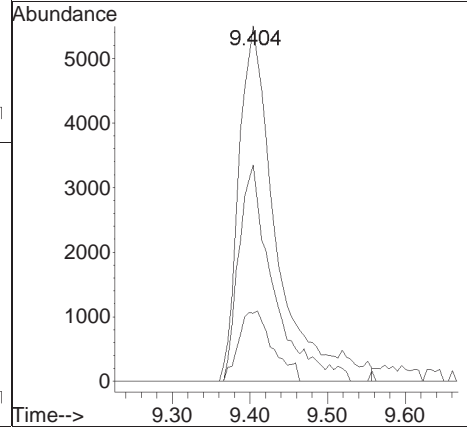
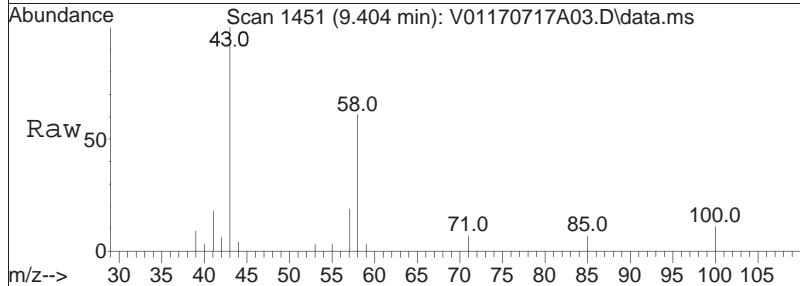
Tgt Ion	Resp	Lower	Upper
107	35924		
109	94.8	74.3	111.5

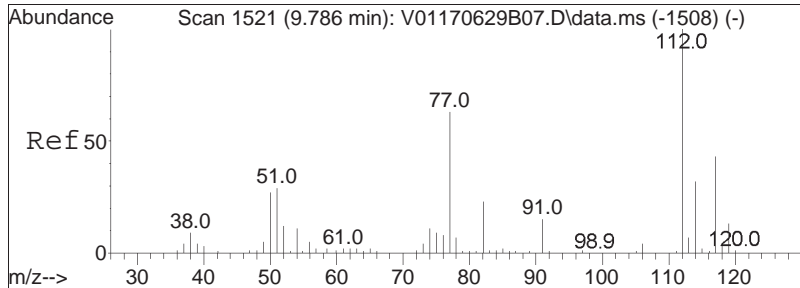




#72
 2-Hexanone
 Concen: 8.19 ug/L M1
 RT: 9.404 min Scan# 1451
 Delta R.T. -0.000 min
 Lab File: V01170717A03.D
 Acq: 17 Jul 2017 10:36

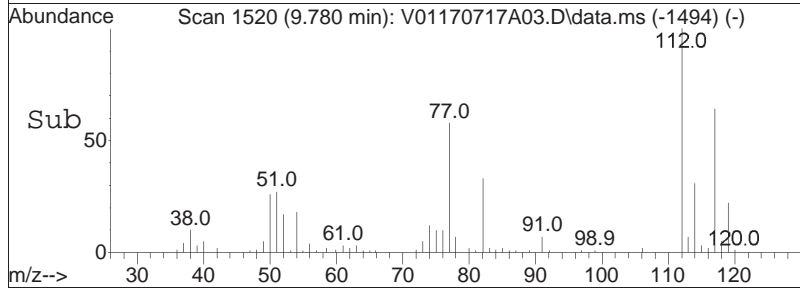
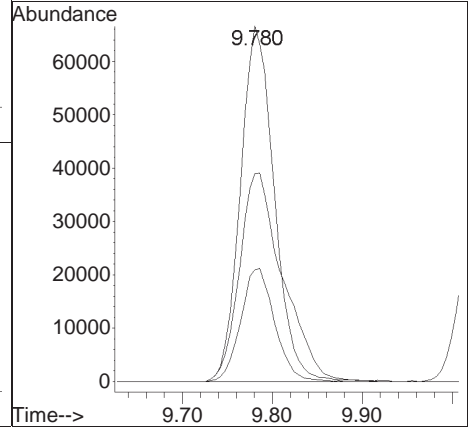
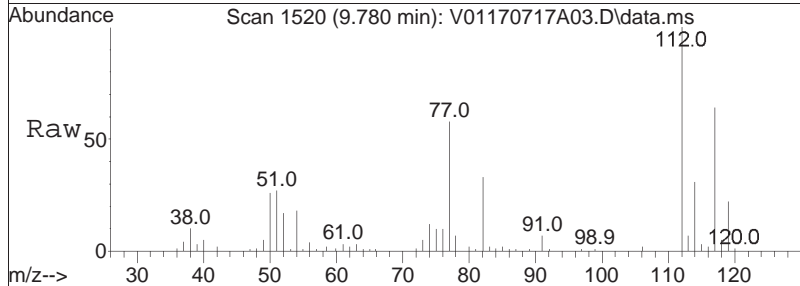
Tgt Ion:	43	Resp:	18432
Ion Ratio	Lower	Upper	
43	100		
58	54.5	38.9	58.3
57	18.0	14.5	21.7

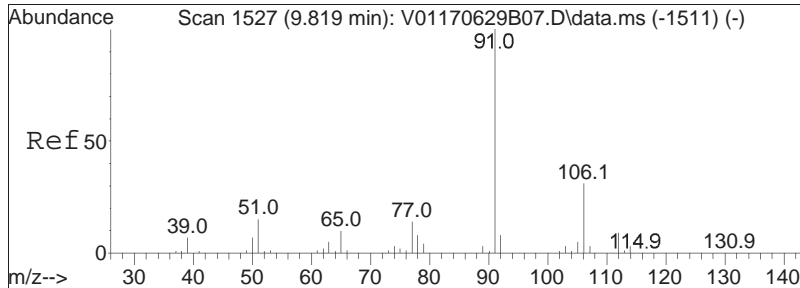




#73
 Chlorobenzene
 Concen: 9.51 ug/L
 RT: 9.780 min Scan# 1520
 Delta R.T. -0.006 min
 Lab File: V01170717A03.D
 Acq: 17 Jul 2017 10:36

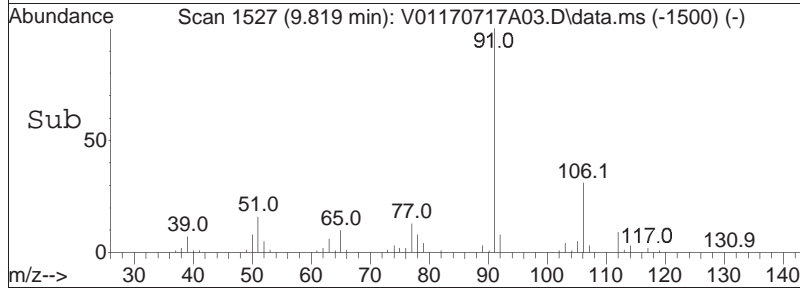
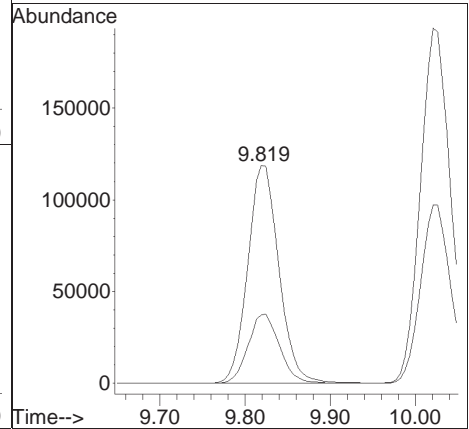
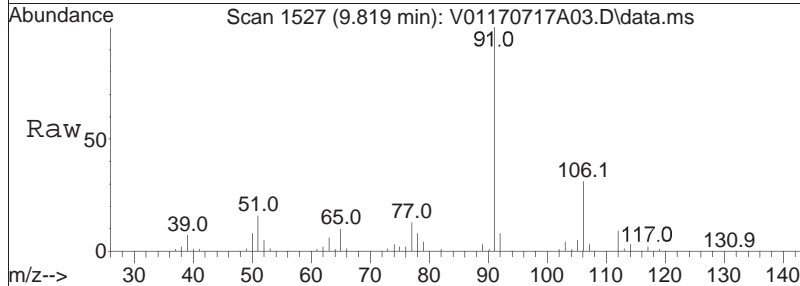
Tgt Ion	Resp	Lower	Upper
112	174212		
77	74.8	62.7	94.1
114	31.8	25.6	38.4

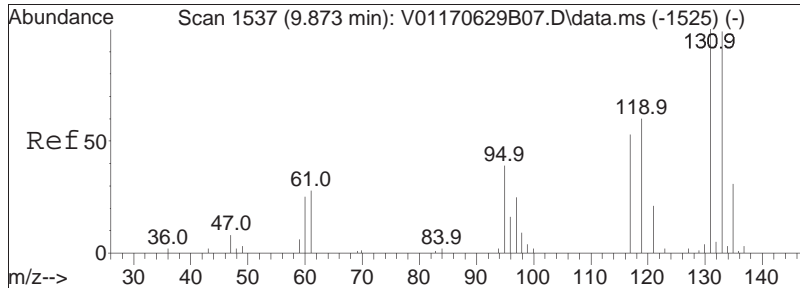




#74
 Ethylbenzene
 Concen: 9.22 ug/L
 RT: 9.819 min Scan# 1527
 Delta R.T. -0.000 min
 Lab File: V01170717A03.D
 Acq: 17 Jul 2017 10:36

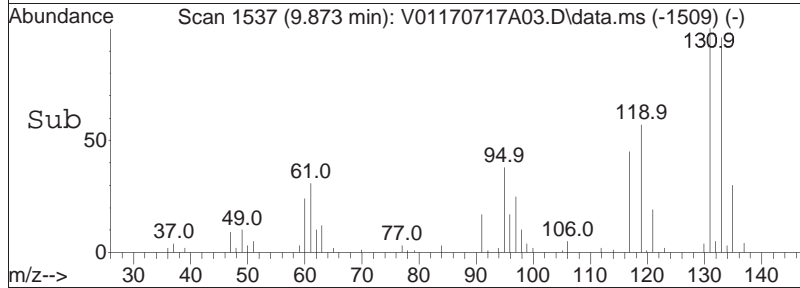
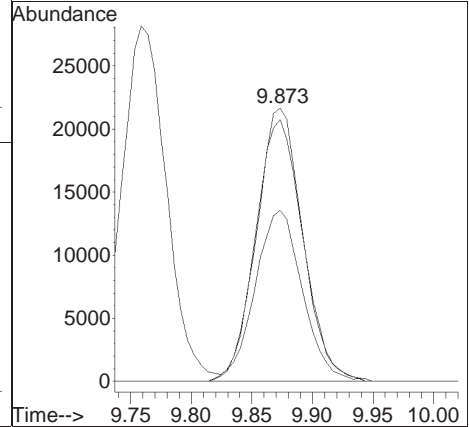
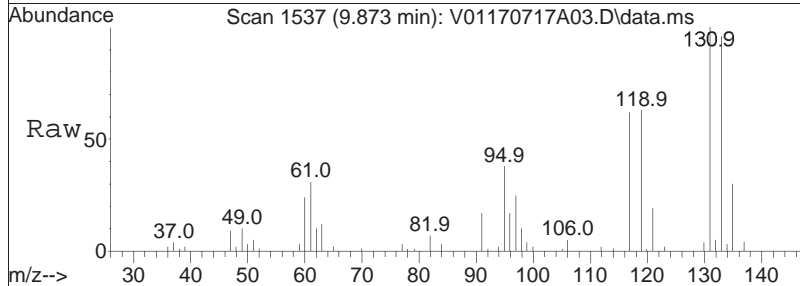
Tgt Ion	Resp	Lower	Upper
91	100		
106	31.9	23.5	35.3

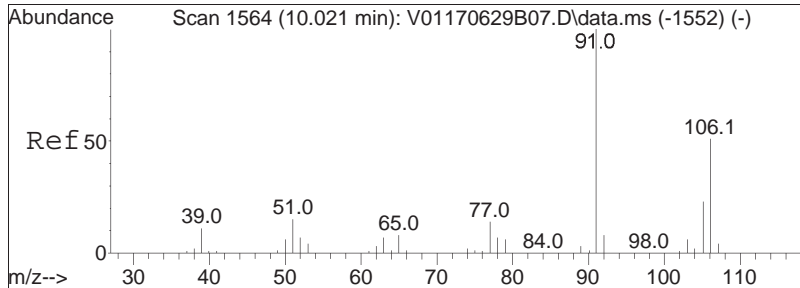




#75
 1,1,1,2-Tetrachloroethane
 Concen: 10.24 ug/L
 RT: 9.873 min Scan# 1537
 Delta R.T. 0.000 min
 Lab File: V01170717A03.D
 Acq: 17 Jul 2017 10:36

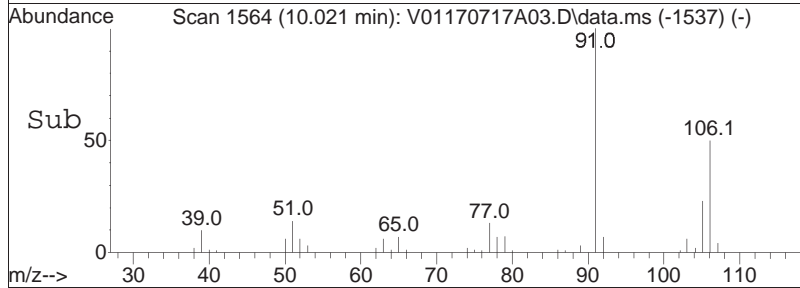
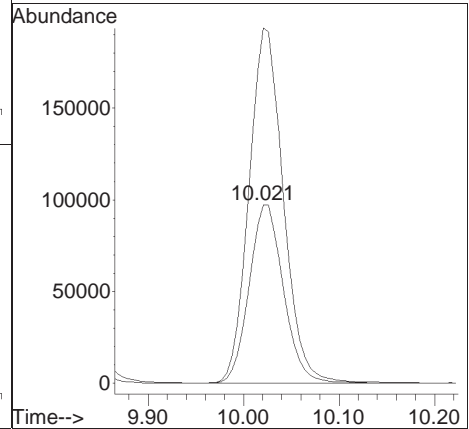
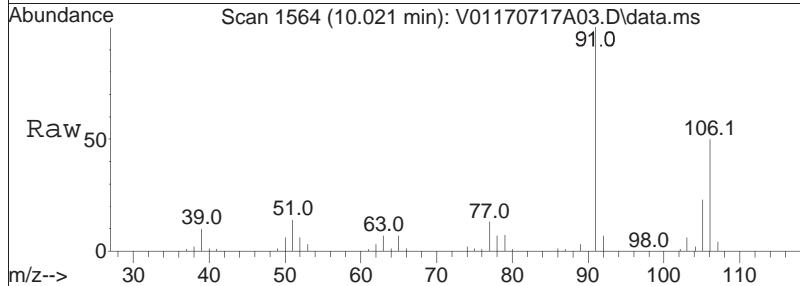
Tgt Ion	Resp	Lower	Upper
131	57922		
131	100		
133	97.2	77.6	117.6
119	63.2	47.4	87.4

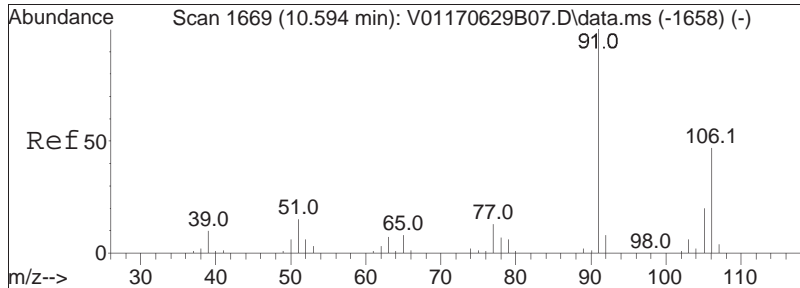




#76
 p/m Xylene
 Concen: 19.14 ug/L
 RT: 10.021 min Scan# 1564
 Delta R.T. -0.000 min
 Lab File: V01170717A03.D
 Acq: 17 Jul 2017 10:36

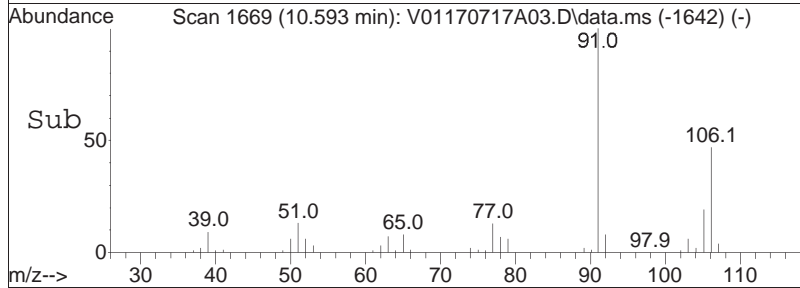
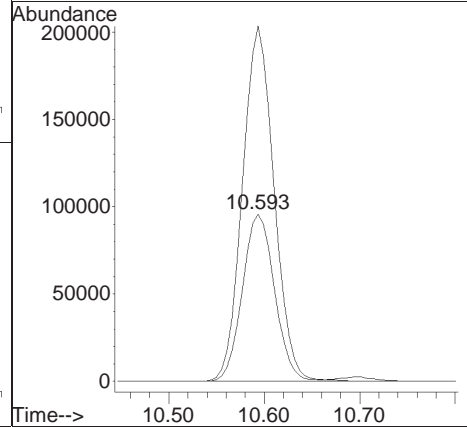
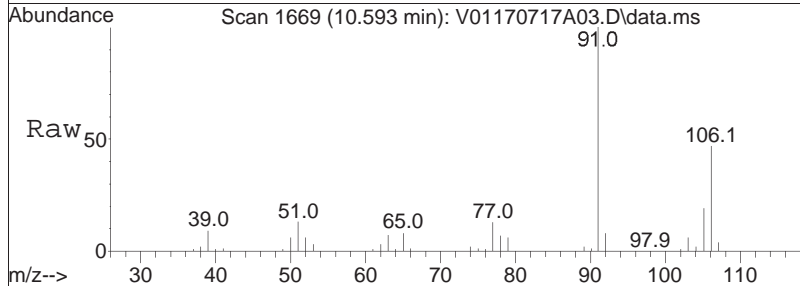
Tgt Ion	Resp	Lower	Upper
106	100		
91	197.8	174.8	262.2

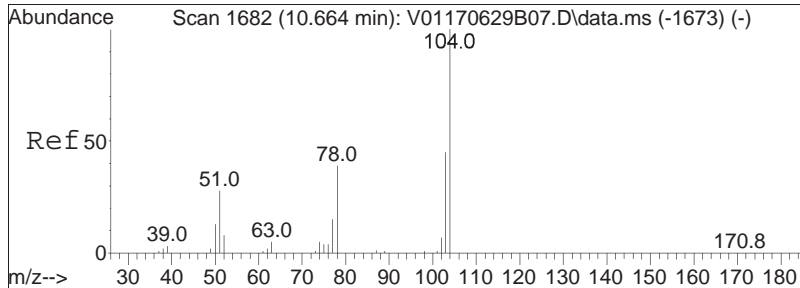




#77
 o Xylene
 Concen: 19.29 ug/L
 RT: 10.593 min Scan# 1669
 Delta R.T. -0.001 min
 Lab File: V01170717A03.D
 Acq: 17 Jul 2017 10:36

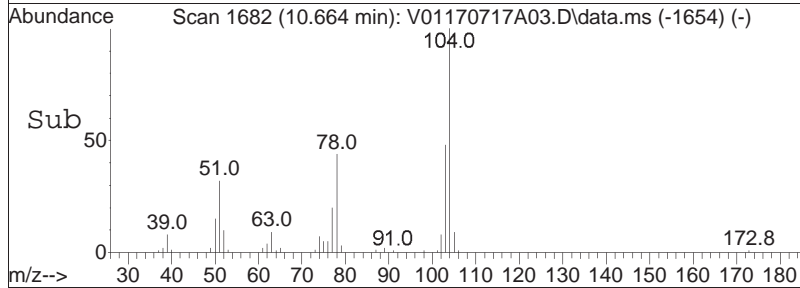
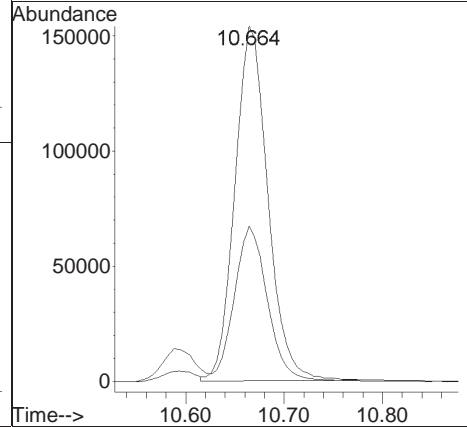
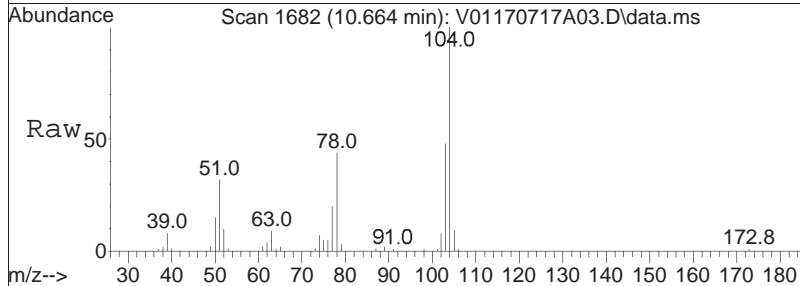
Tgt Ion	Resp	Lower	Upper
106	100		
91	207.0	184.5	276.7

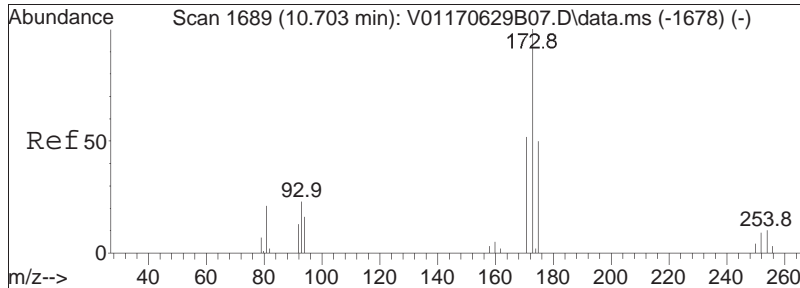




#78
 Styrene
 Concen: 19.48 ug/L
 RT: 10.664 min Scan# 1682
 Delta R.T. 0.000 min
 Lab File: V01170717A03.D
 Acq: 17 Jul 2017 10:36

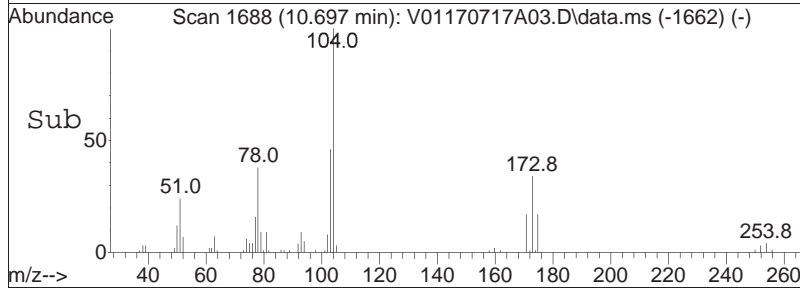
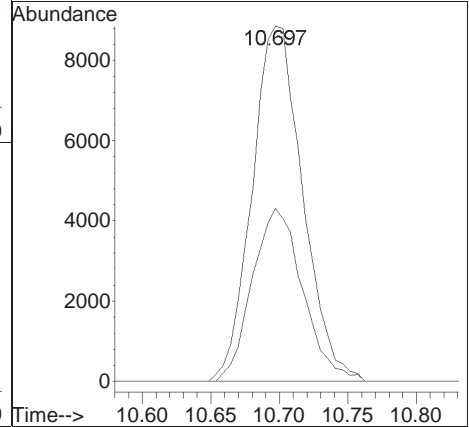
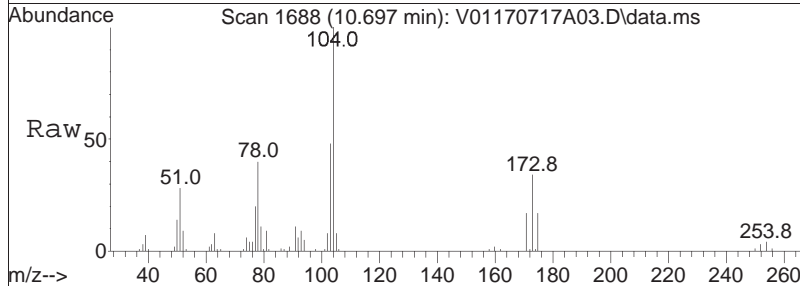
Tgt Ion: 104 Resp: 358677
 Ion Ratio Lower Upper
 104 100
 78 43.7 36.4 54.6

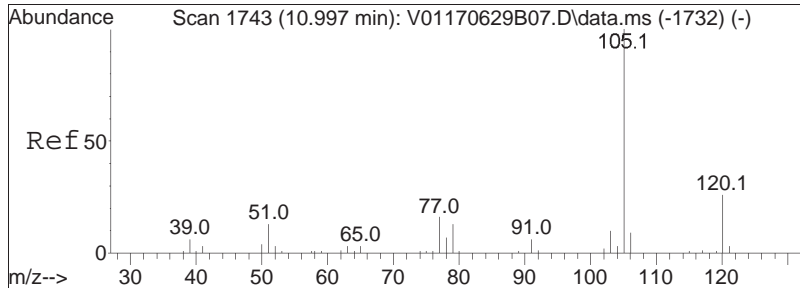




#80
 Bromoform
 Concen: 9.84 ug/L
 RT: 10.697 min Scan# 1688
 Delta R.T. -0.006 min
 Lab File: V01170717A03.D
 Acq: 17 Jul 2017 10:36

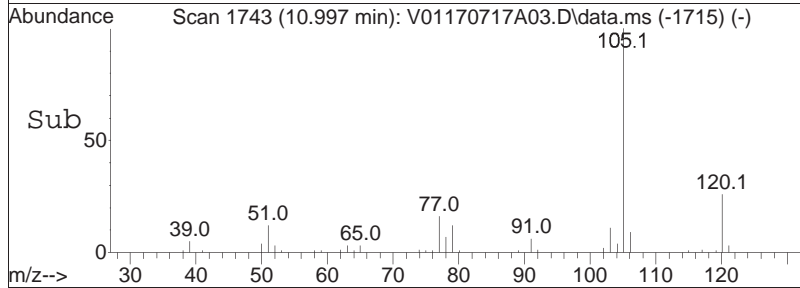
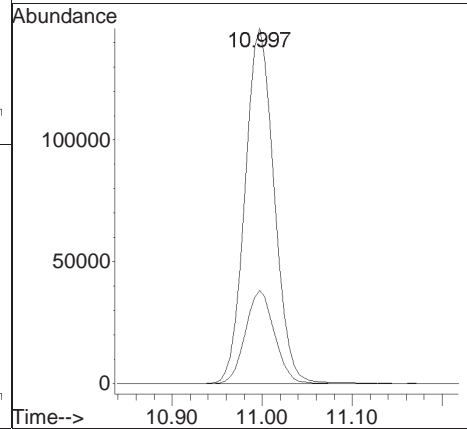
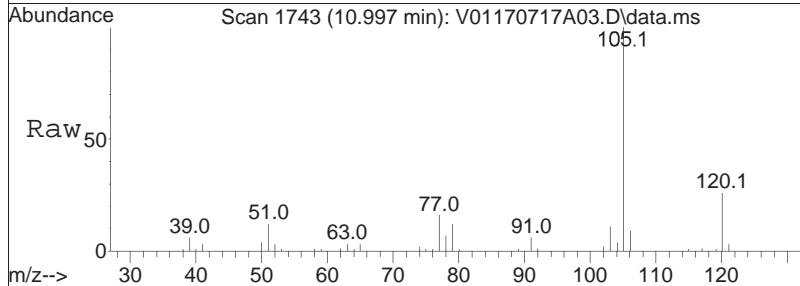
Tgt Ion	Resp	Lower	Upper
173	22777		
175	48.5	27.8	67.8

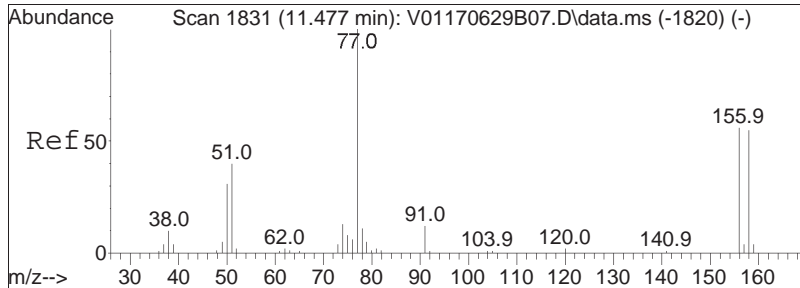




#82
 Isopropylbenzene
 Concen: 8.89 ug/L
 RT: 10.997 min Scan# 1743
 Delta R.T. 0.000 min
 Lab File: V01170717A03.D
 Acq: 17 Jul 2017 10:36

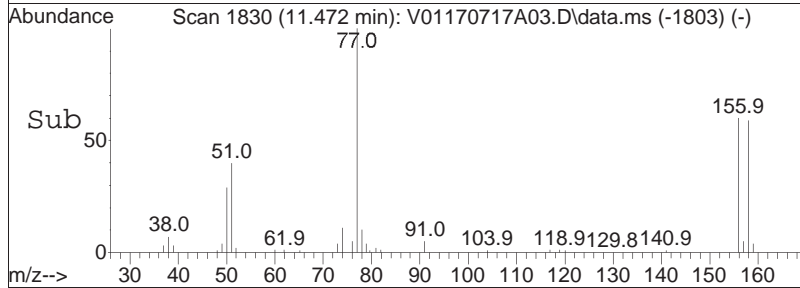
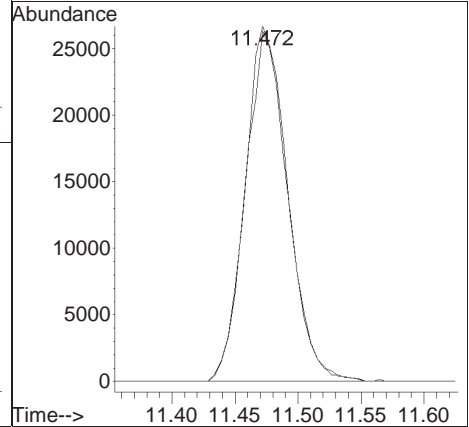
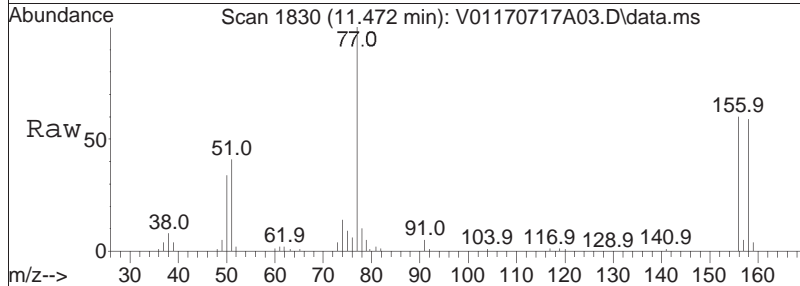
Tgt Ion	Resp	Lower	Upper
105	100		
120	26.0	6.1	46.1

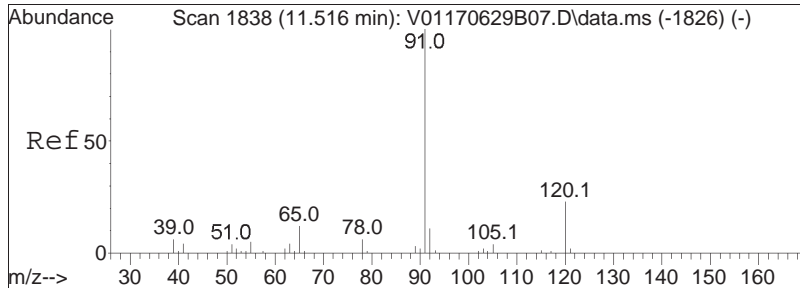




#84
 Bromobenzene
 Concen: 9.42 ug/L
 RT: 11.472 min Scan# 1830
 Delta R.T. -0.005 min
 Lab File: V01170717A03.D
 Acq: 17 Jul 2017 10:36

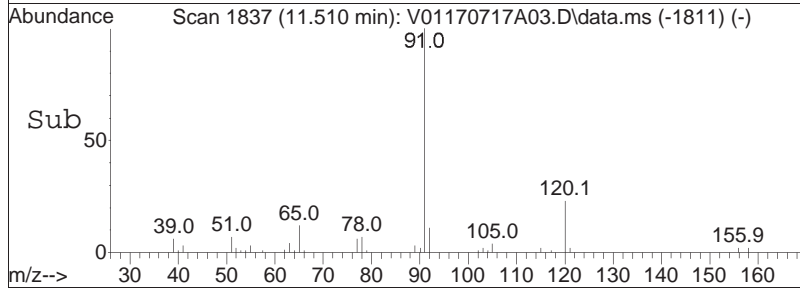
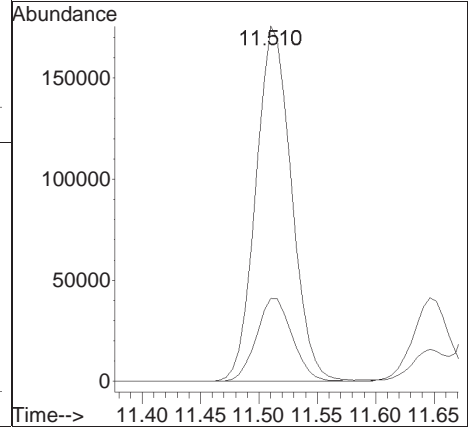
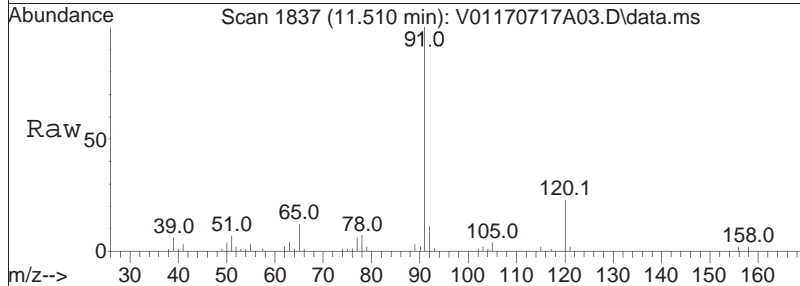
Tgt Ion: 156 Resp: 63208
 Ion Ratio Lower Upper
 156 100
 158 96.7 76.9 115.3

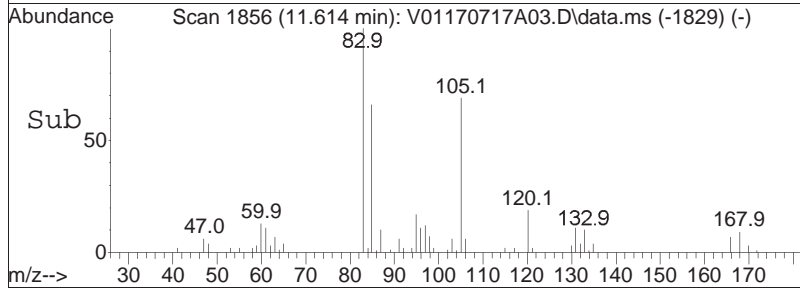
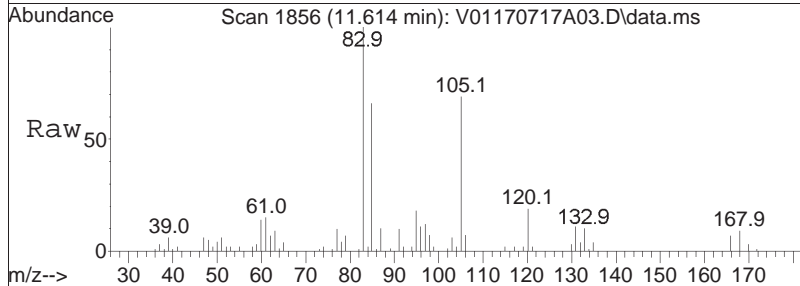
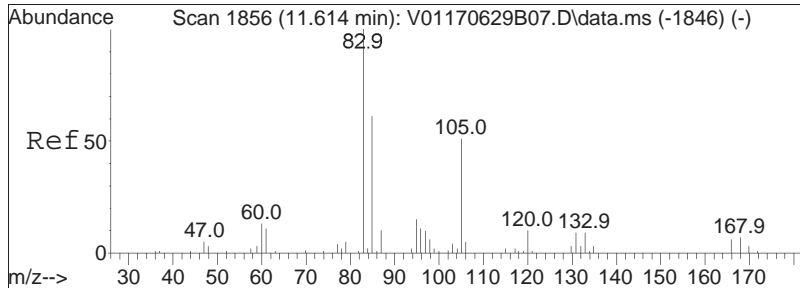




#85
 n-Propylbenzene
 Concen: 8.57 ug/L
 RT: 11.510 min Scan# 1837
 Delta R.T. -0.006 min
 Lab File: V01170717A03.D
 Acq: 17 Jul 2017 10:36

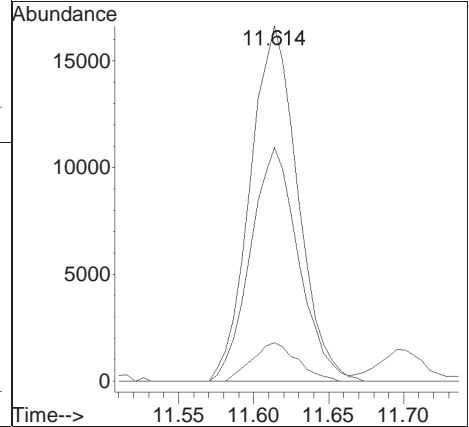
Tgt Ion:	91	120	Resp:	372261
Ion Ratio	100	23.6	Lower	Upper
			16.6	25.0

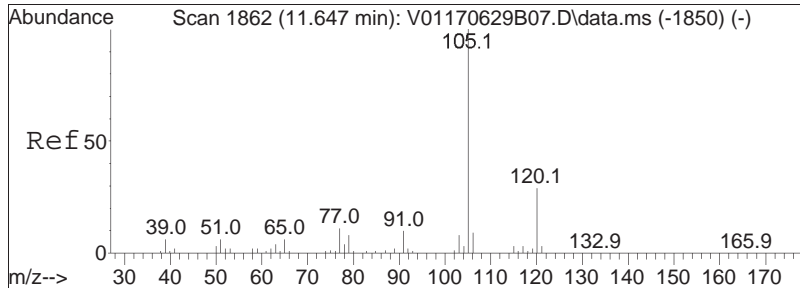




#87
 1,1,2,2-Tetrachloroethane
 Concen: 8.60 ug/L
 RT: 11.614 min Scan# 1856
 Delta R.T. -0.000 min
 Lab File: V01170717A03.D
 Acq: 17 Jul 2017 10:36

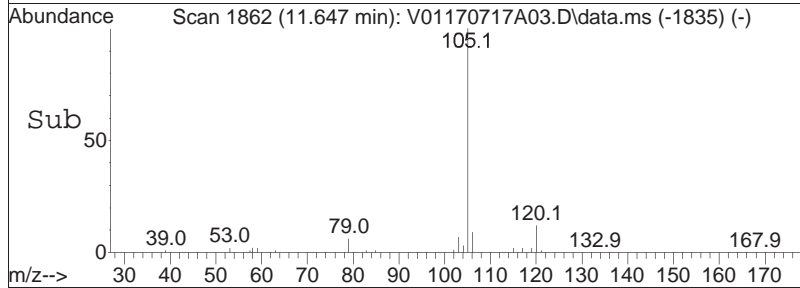
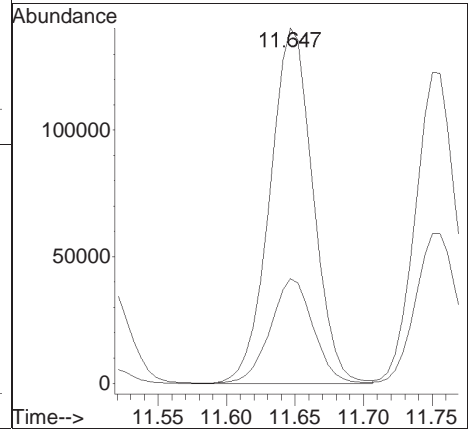
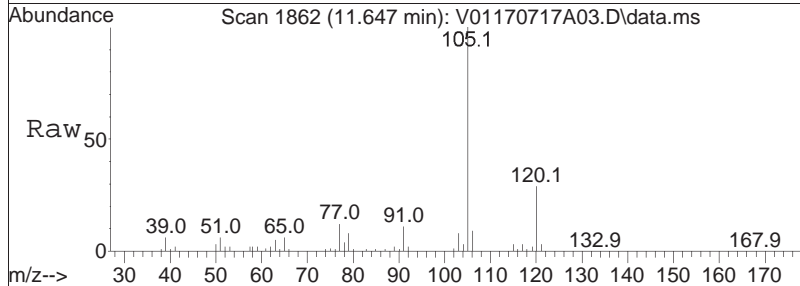
Tgt Ion:	83	Resp:	36664
Ion Ratio	Lower	Upper	
83	100		
131	10.5	0.0	29.5
85	66.6	44.9	84.9

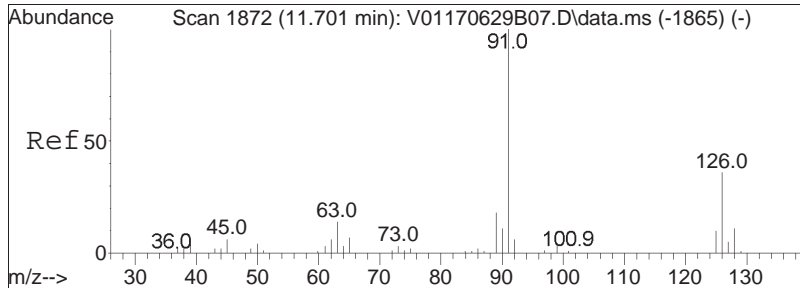




#88
 4-Ethyltoluene
 Concen: 8.96 ug/L
 RT: 11.647 min Scan# 1862
 Delta R.T. -0.000 min
 Lab File: V01170717A03.D
 Acq: 17 Jul 2017 10:36

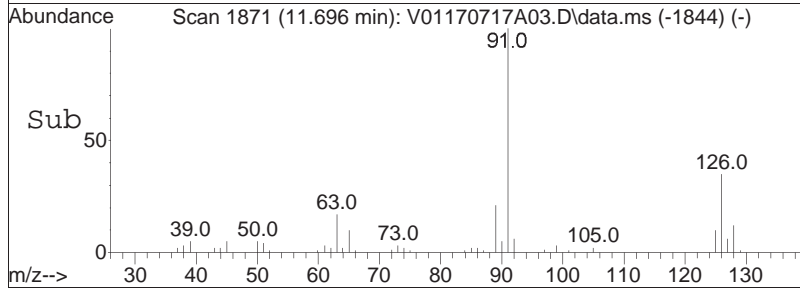
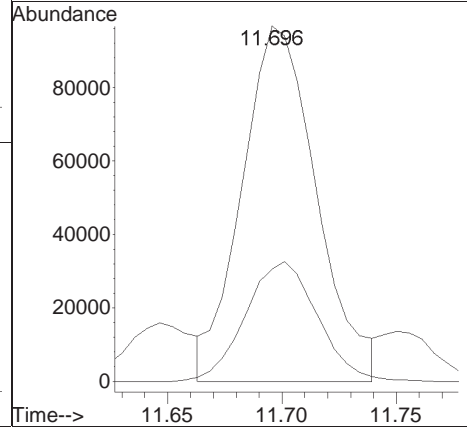
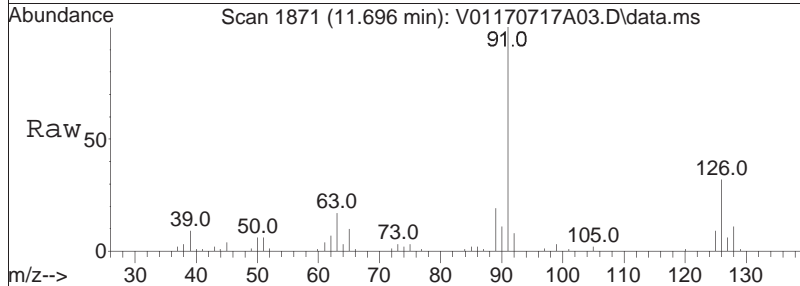
Tgt Ion	Resp	Lower	Upper
105	307240		
120	28.9	18.9	39.1

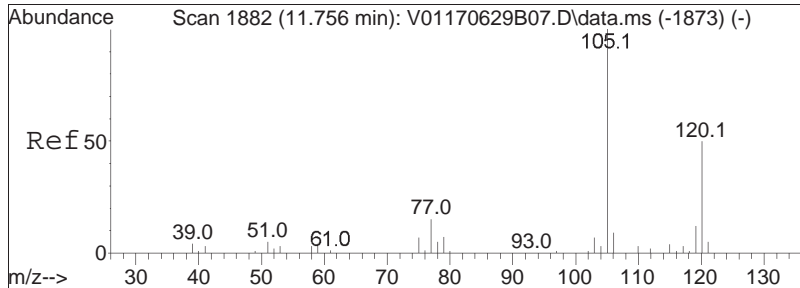




#89
 2-Chlorotoluene
 Concen: 8.88 ug/L M1
 RT: 11.696 min Scan# 1871
 Delta R.T. -0.005 min
 Lab File: V01170717A03.D
 Acq: 17 Jul 2017 10:36

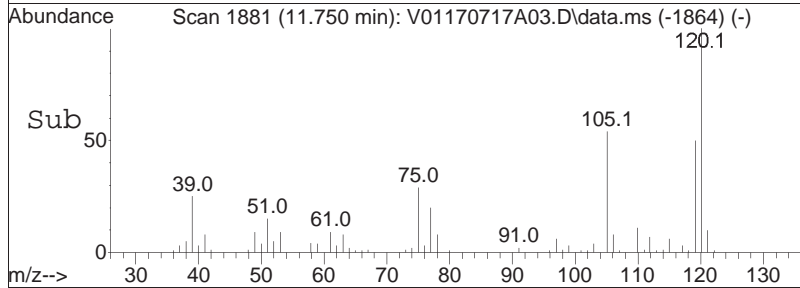
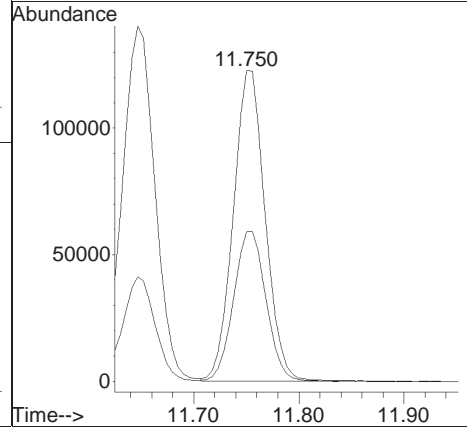
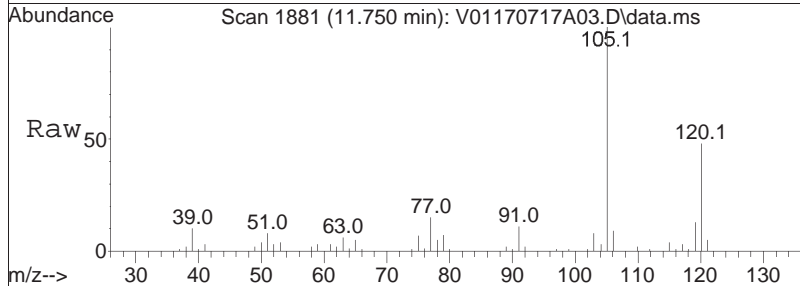
Tgt Ion:	Resp:	Lower	Upper
91	219218		
126	32.5	22.9	34.3

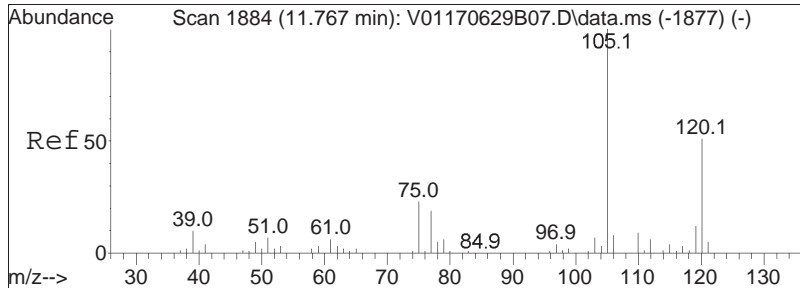




#90
 1,3,5-Trimethylbenzene
 Concen: 8.96 ug/L
 RT: 11.750 min Scan# 1881
 Delta R.T. -0.006 min
 Lab File: V01170717A03.D
 Acq: 17 Jul 2017 10:36

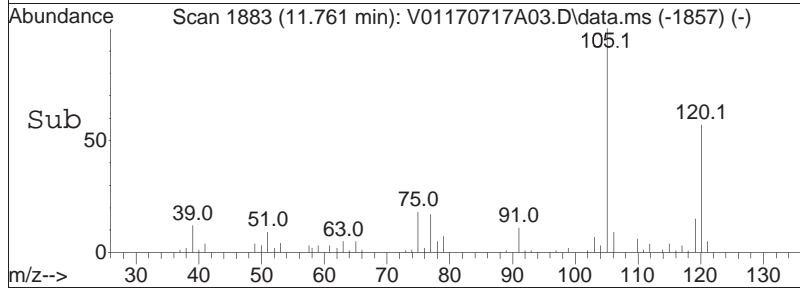
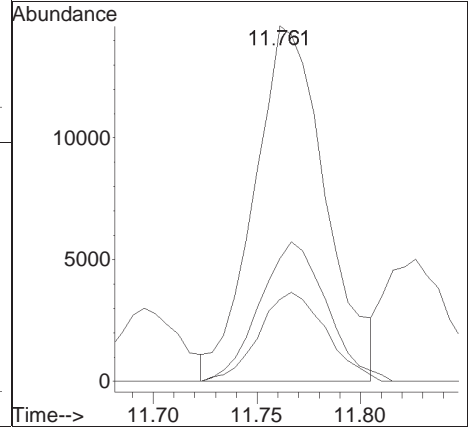
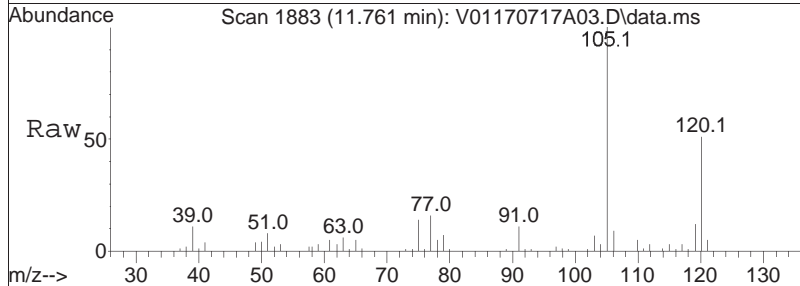
Tgt Ion	Resp	Lower	Upper
105	100		
120	49.5	37.8	56.8

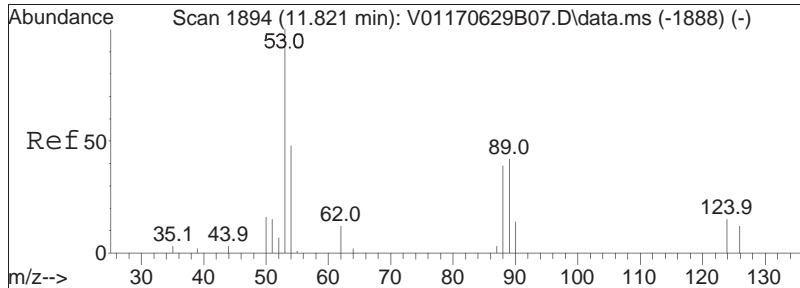




#91
 1,2,3-Trichloropropane
 Concen: 9.50 ug/L M1
 RT: 11.761 min Scan# 1883
 Delta R.T. -0.006 min
 Lab File: V01170717A03.D
 Acq: 17 Jul 2017 10:36

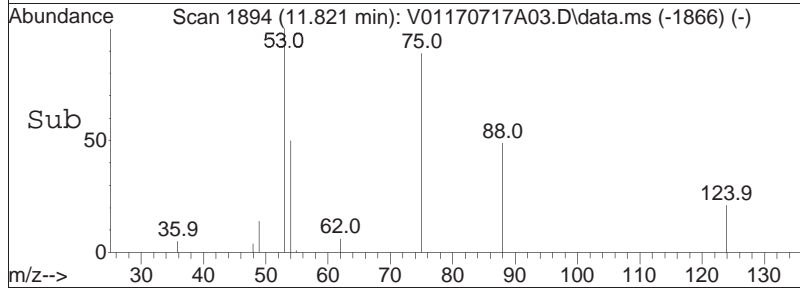
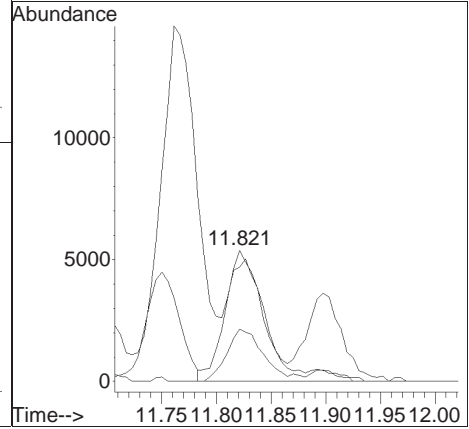
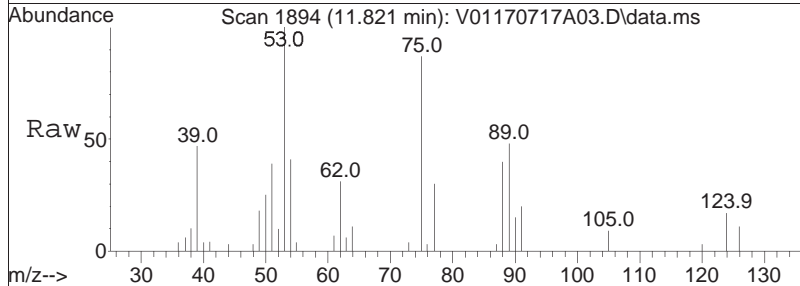
Tgt Ion	Resp	Lower	Upper
75	34939		
75	100		
110	36.7	22.0	45.8
112	23.6	14.2	29.6

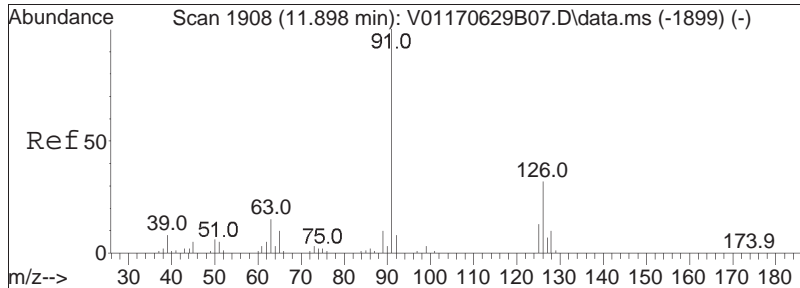




#92
 trans-1,4-Dichloro-2-butene
 Concen: 10.81 ug/L M1
 RT: 11.821 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: V01170717A03.D
 Acq: 17 Jul 2017 10:36

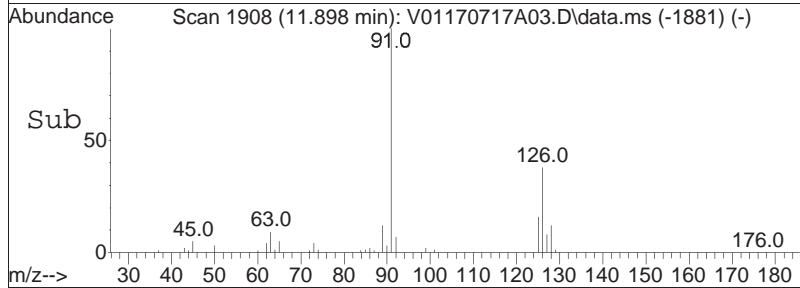
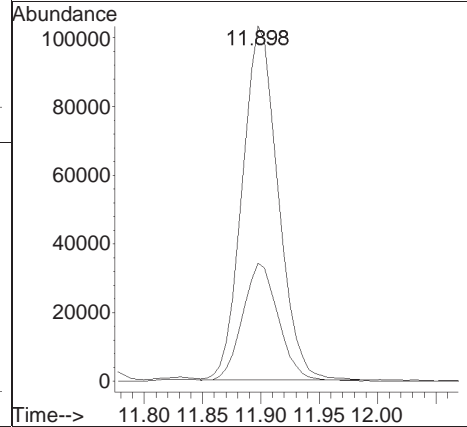
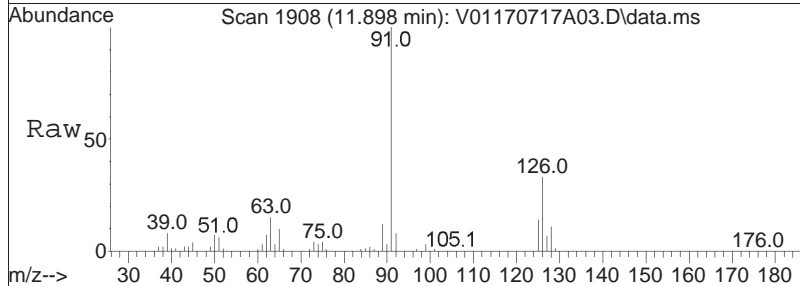
Tgt Ion	Resp	Lower	Upper
53	14008		
88	36.5	41.7	62.5#
75	63.3	81.3	121.9#

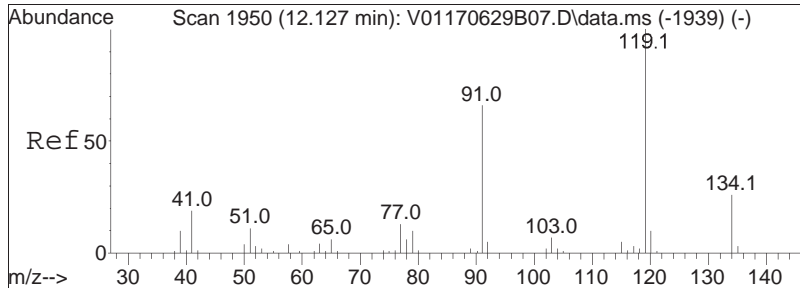




#93
 4-Chlorotoluene
 Concen: 8.81 ug/L
 RT: 11.898 min Scan# 1908
 Delta R.T. -0.000 min
 Lab File: V01170717A03.D
 Acq: 17 Jul 2017 10:36

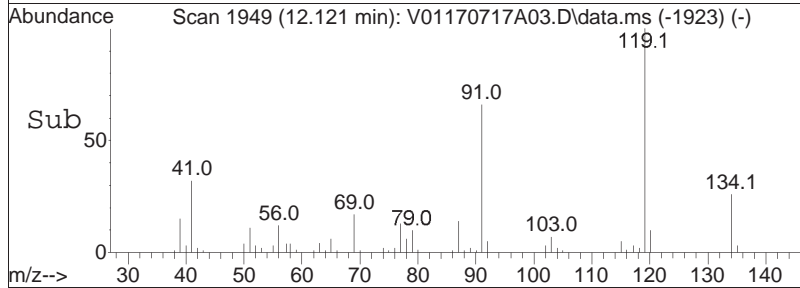
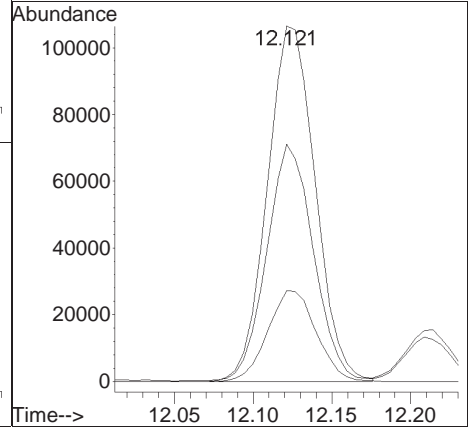
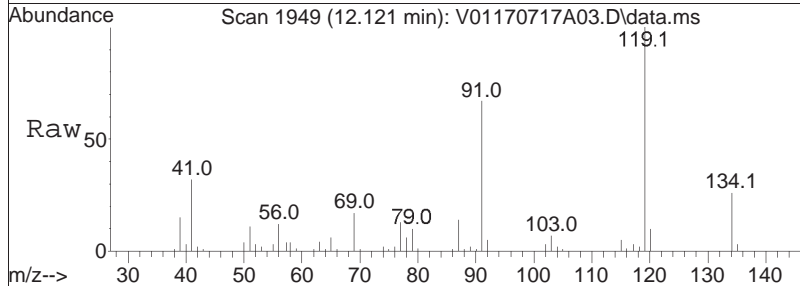
Tgt Ion	Resp	Lower	Upper
91	100		
126	33.8	23.7	35.5

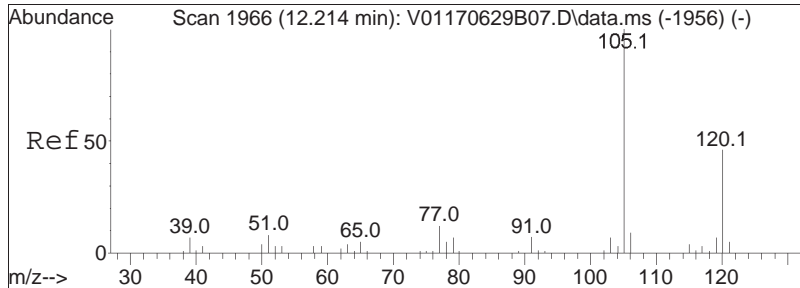




#94
 tert-Butylbenzene
 Concen: 9.17 ug/L
 RT: 12.121 min Scan# 1949
 Delta R.T. -0.006 min
 Lab File: V01170717A03.D
 Acq: 17 Jul 2017 10:36

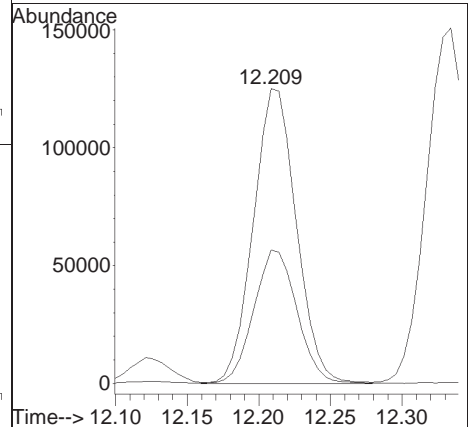
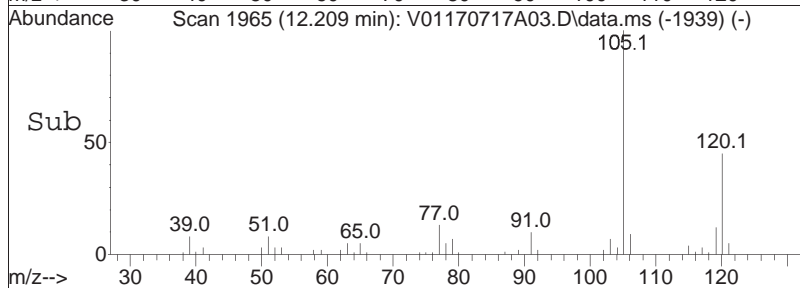
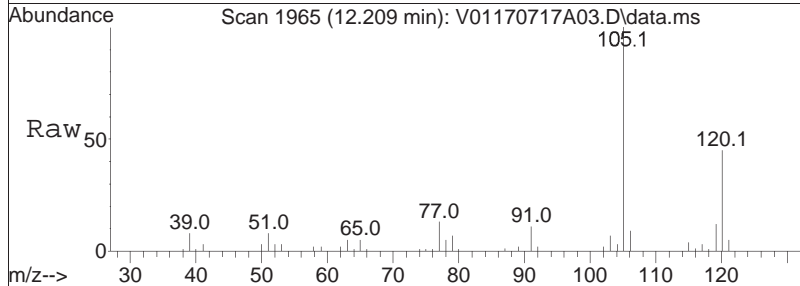
Tgt Ion	Ratio	Lower	Upper
119	100		
91	64.7	60.2	90.4
134	25.8	19.9	29.9

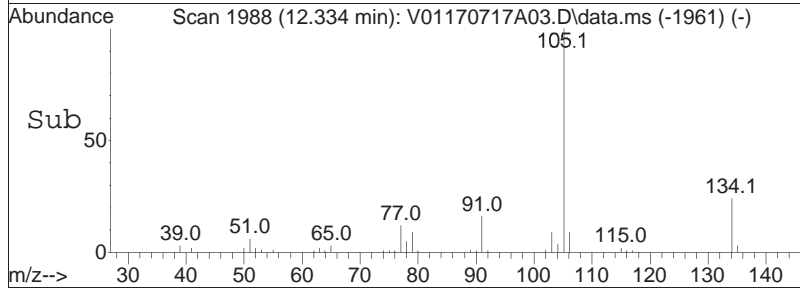
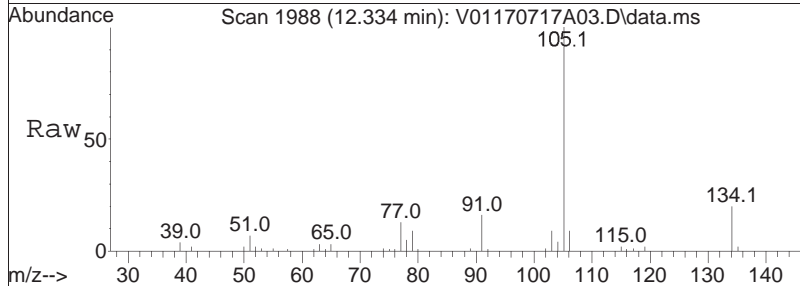
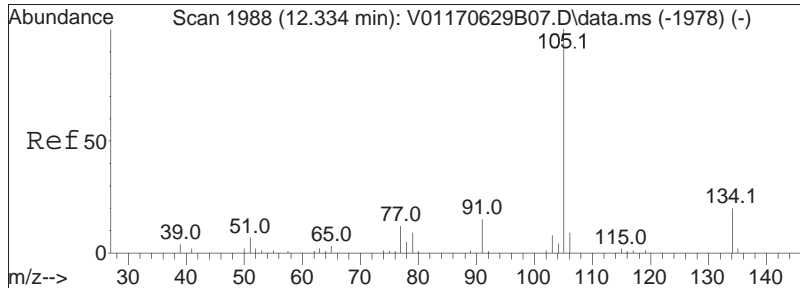




#97
 1,2,4-Trimethylbenzene
 Concen: 9.16 ug/L
 RT: 12.209 min Scan# 1965
 Delta R.T. -0.005 min
 Lab File: V01170717A03.D
 Acq: 17 Jul 2017 10:36

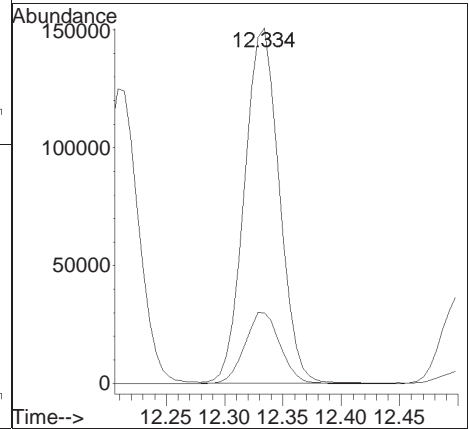
Tgt Ion	Resp	Lower	Upper
105	100		
120	45.5	35.0	52.6

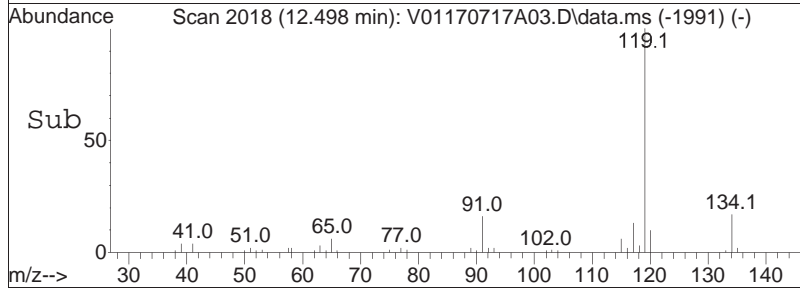
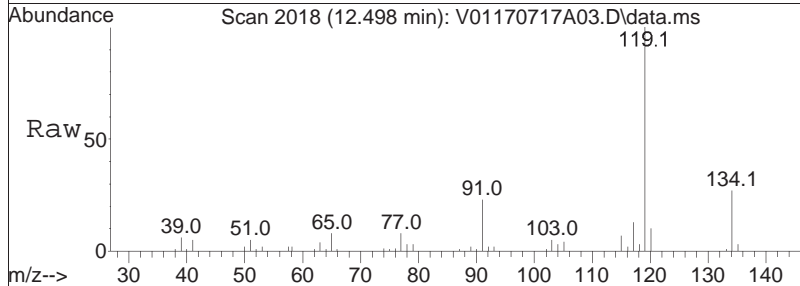
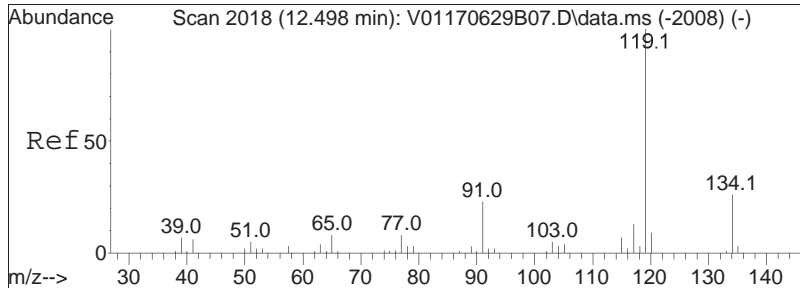




#98
 sec-Butylbenzene
 Concen: 8.85 ug/L
 RT: 12.334 min Scan# 1988
 Delta R.T. 0.000 min
 Lab File: V01170717A03.D
 Acq: 17 Jul 2017 10:36

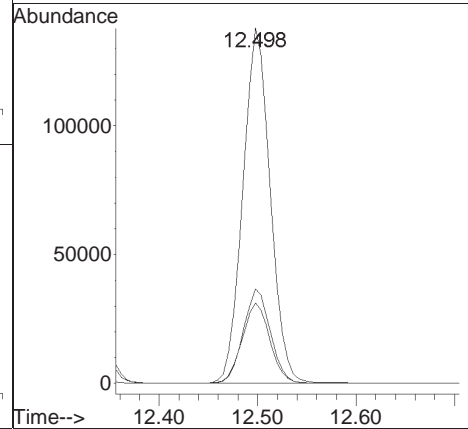
Tgt Ion	Resp	Lower	Upper
105	100		
134	20.2	12.5	26.1

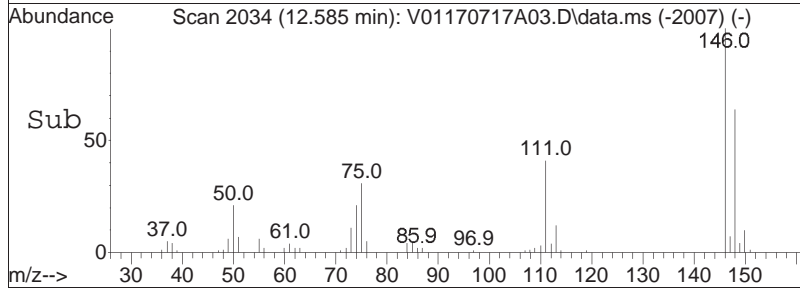
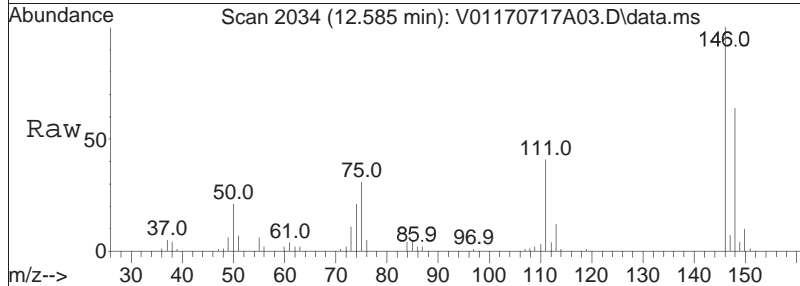
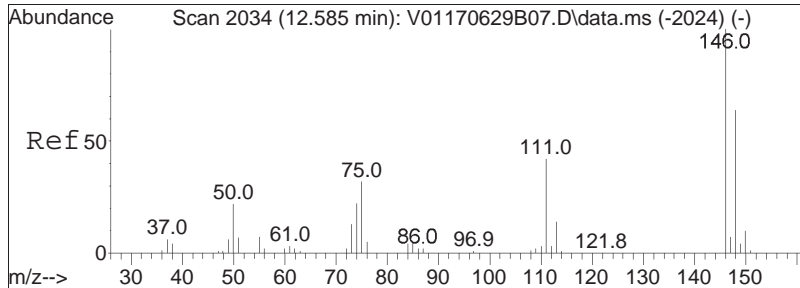




#99
 p-Isopropyltoluene
 Concen: 9.17 ug/L
 RT: 12.498 min Scan# 2018
 Delta R.T. -0.000 min
 Lab File: V01170717A03.D
 Acq: 17 Jul 2017 10:36

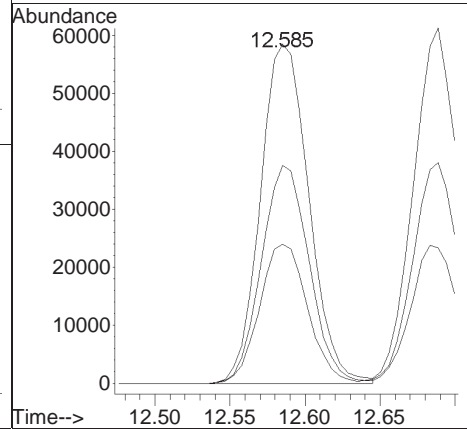
Tgt Ion	Resp	Lower	Upper
119	100		
134	26.2	17.2	35.6
91	22.9	17.7	36.9

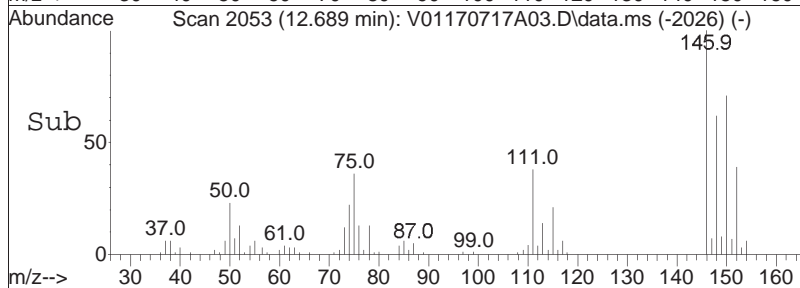
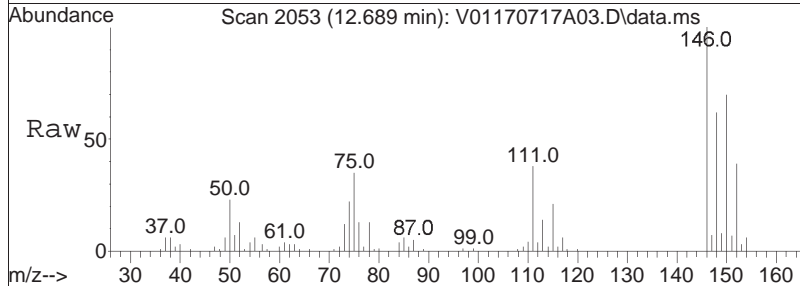
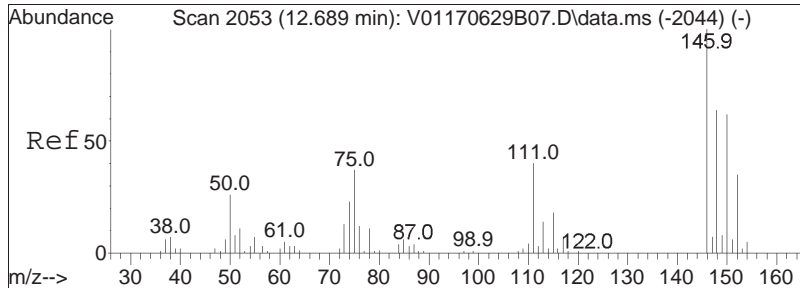




#100
 1,3-Dichlorobenzene
 Concen: 9.51 ug/L
 RT: 12.585 min Scan# 2034
 Delta R.T. 0.000 min
 Lab File: V01170717A03.D
 Acq: 17 Jul 2017 10:36

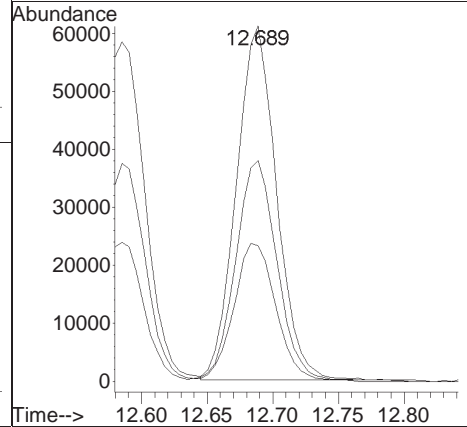
Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.6	28.7	59.5
148	63.3	41.1	85.5

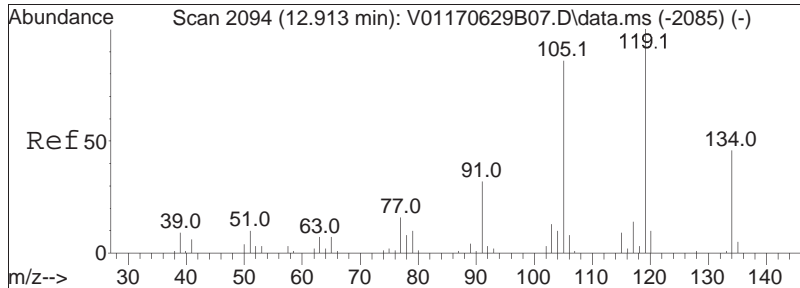




#101
 1,4-Dichlorobenzene
 Concen: 9.24 ug/L
 RT: 12.689 min Scan# 2053
 Delta R.T. -0.000 min
 Lab File: V01170717A03.D
 Acq: 17 Jul 2017 10:36

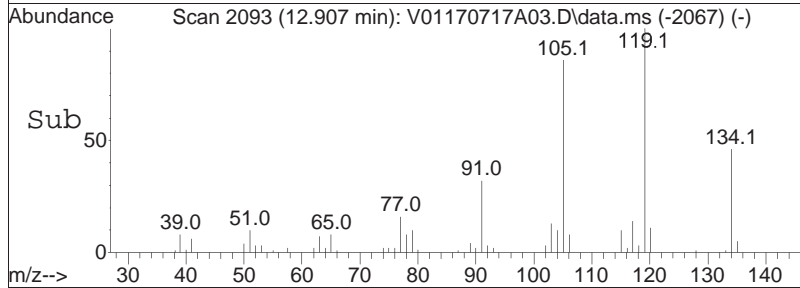
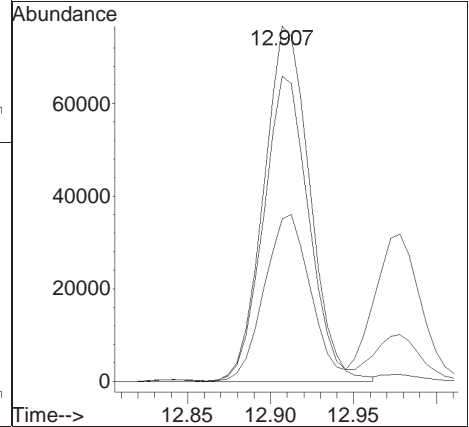
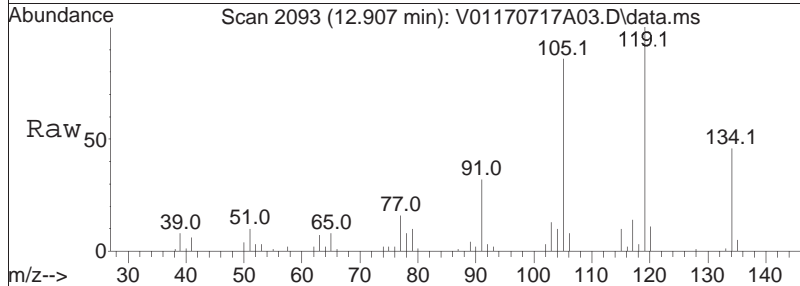
Tgt Ion	Ratio	Resp	Lower	Upper
146	100	130085		
111	41.3		35.0	52.4
148	63.2		51.0	76.6

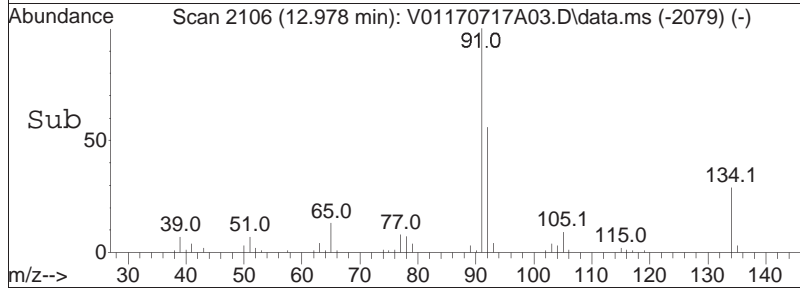
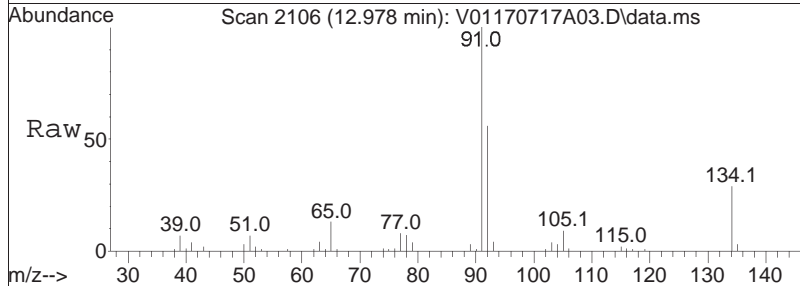
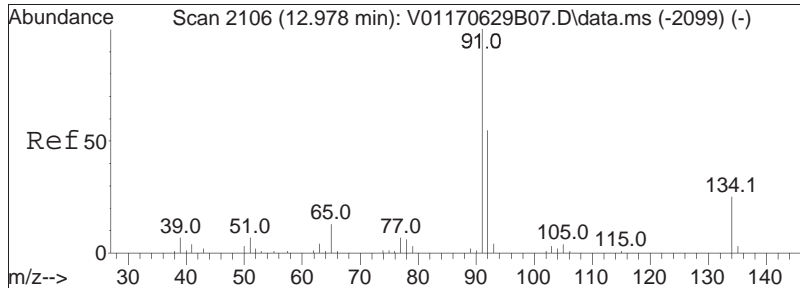




#102
 p-Diethylbenzene
 Concen: 9.17 ug/L
 RT: 12.907 min Scan# 2093
 Delta R.T. -0.006 min
 Lab File: V01170717A03.D
 Acq: 17 Jul 2017 10:36

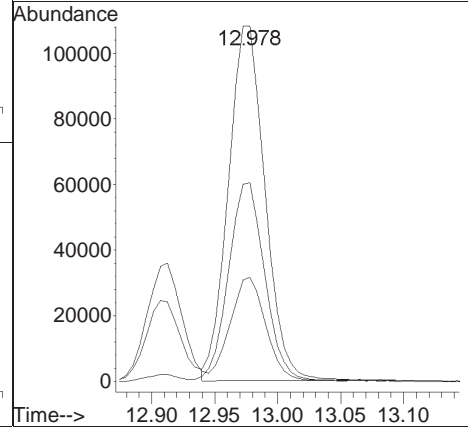
Tgt Ion	Resp	Lower	Upper
119	147309		
119	100		
105	85.0	57.7	119.9
134	47.4	30.0	62.2

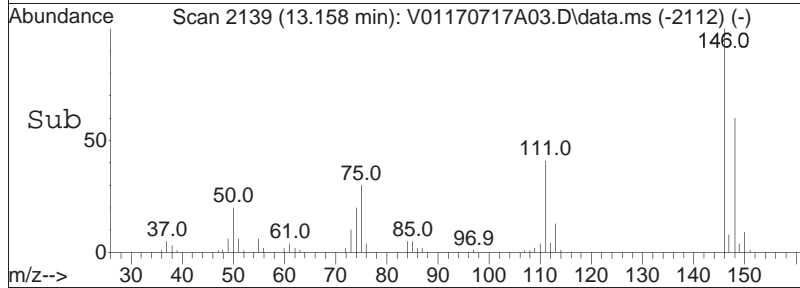
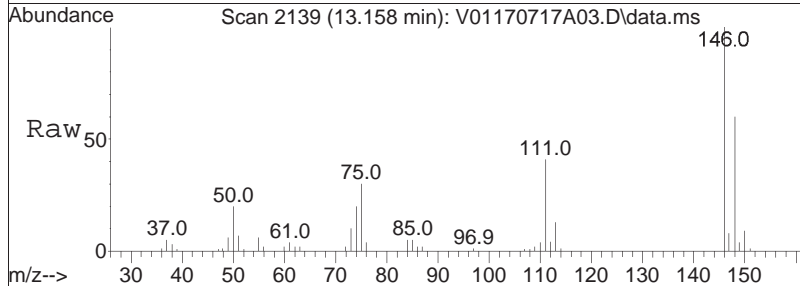
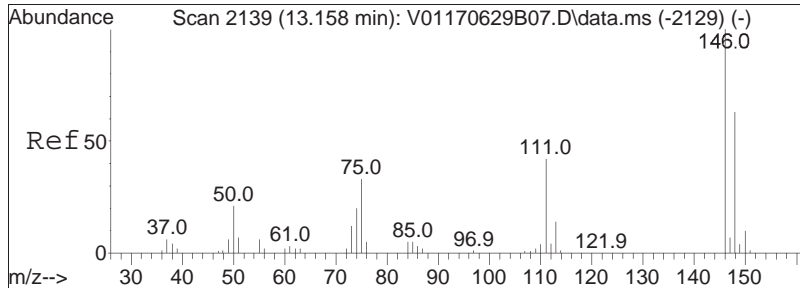




#103
 n-Butylbenzene
 Concen: 8.63 ug/L
 RT: 12.978 min Scan# 2106
 Delta R.T. -0.000 min
 Lab File: V01170717A03.D
 Acq: 17 Jul 2017 10:36

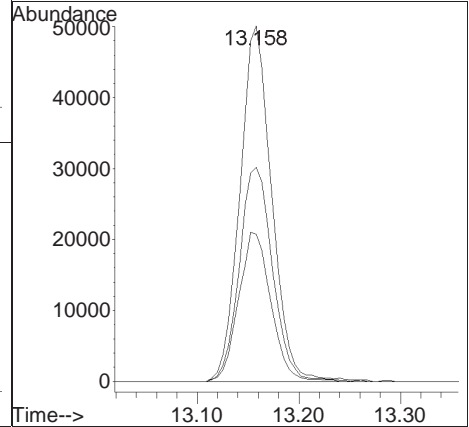
Tgt Ion:	91	Resp:	218653
Ion Ratio	100	Lower	Upper
91	100		
92	55.9	43.4	65.0
134	28.3	19.0	28.4

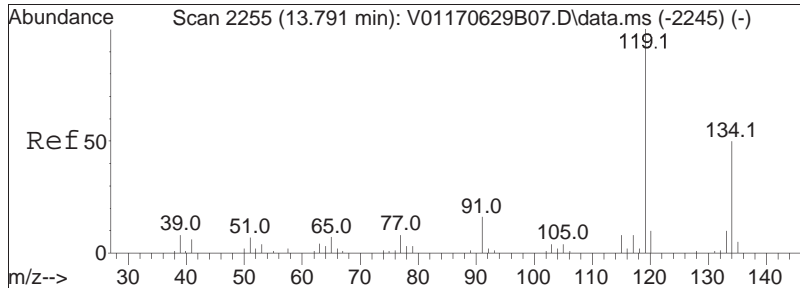




#104
 1,2-Dichlorobenzene
 Concen: 9.52 ug/L
 RT: 13.158 min Scan# 2139
 Delta R.T. -0.000 min
 Lab File: V01170717A03.D
 Acq: 17 Jul 2017 10:36

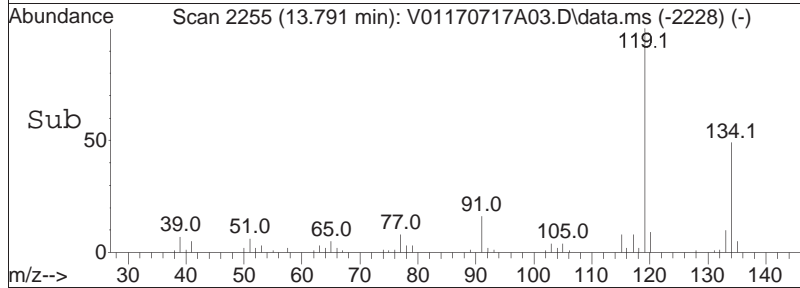
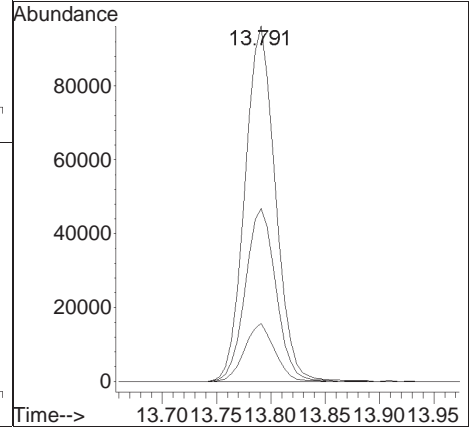
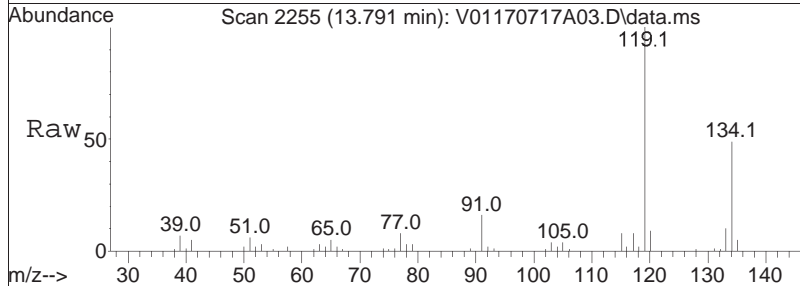
Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.5	29.1	60.3
148	62.8	40.8	84.8

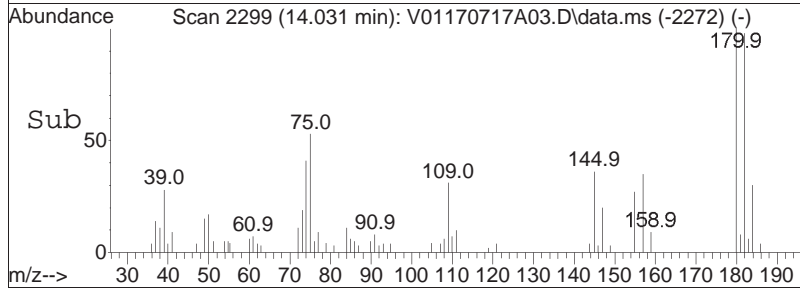
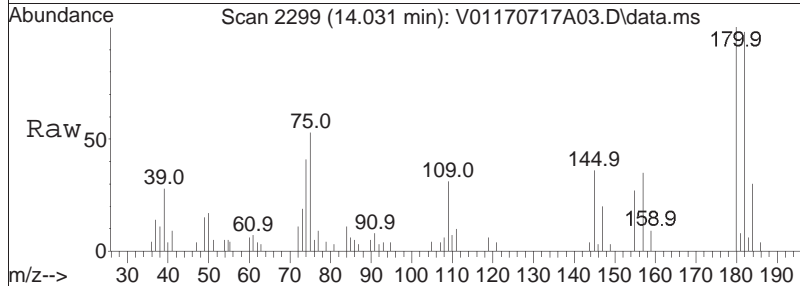
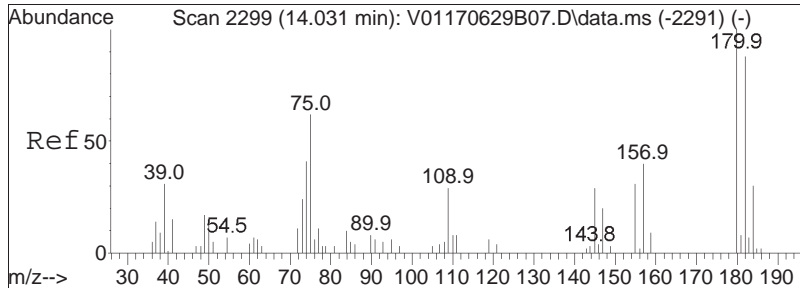




#105
 1,2,4,5-Tetramethylbenzene
 Concen: 9.27 ug/L
 RT: 13.791 min Scan# 2255
 Delta R.T. -0.000 min
 Lab File: V01170717A03.D
 Acq: 17 Jul 2017 10:36

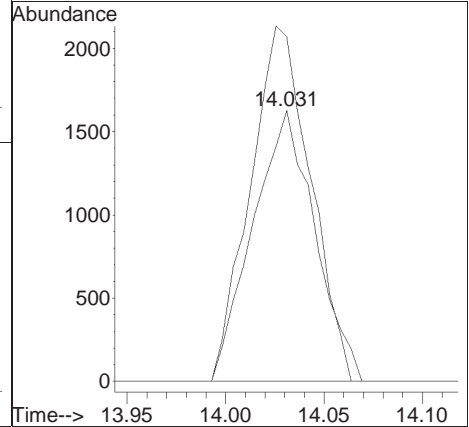
Tgt Ion	Resp	Lower	Upper
119	100		
134	48.8	29.3	60.9
91	16.0	11.8	24.4

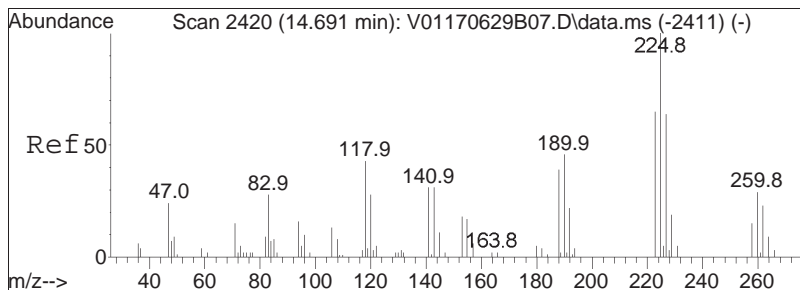




#106
 1,2-Dibromo-3-chloropropane
 Concen: 8.70 ug/L
 RT: 14.031 min Scan# 2299
 Delta R.T. -0.000 min
 Lab File: V01170717A03.D
 Acq: 17 Jul 2017 10:36

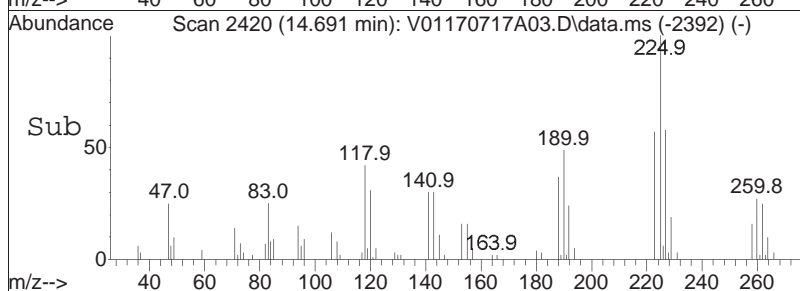
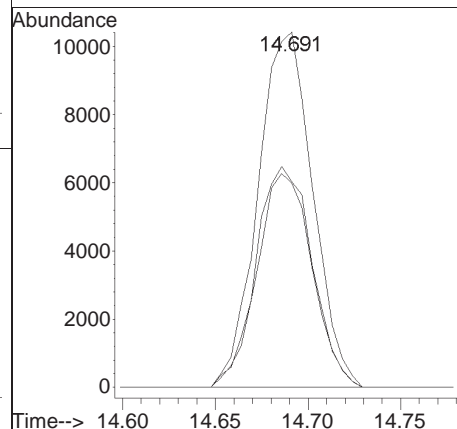
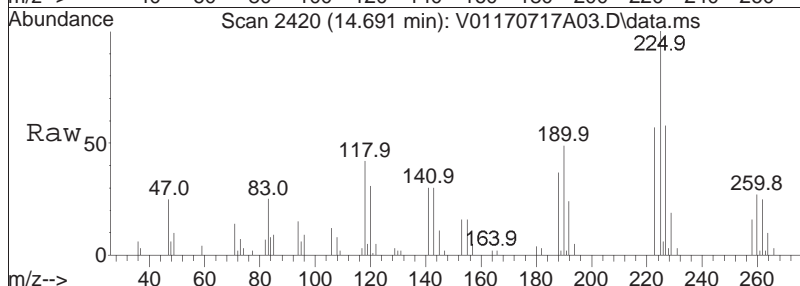
Tgt Ion	Resp	Lower	Upper
155	100		
157	127.2	99.2	148.8

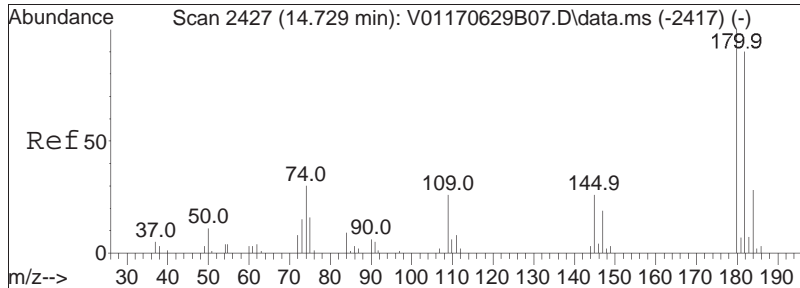




#108
 Hexachlorobutadiene
 Concen: 10.22 ug/L
 RT: 14.691 min Scan# 2420
 Delta R.T. 0.000 min
 Lab File: V01170717A03.D
 Acq: 17 Jul 2017 10:36

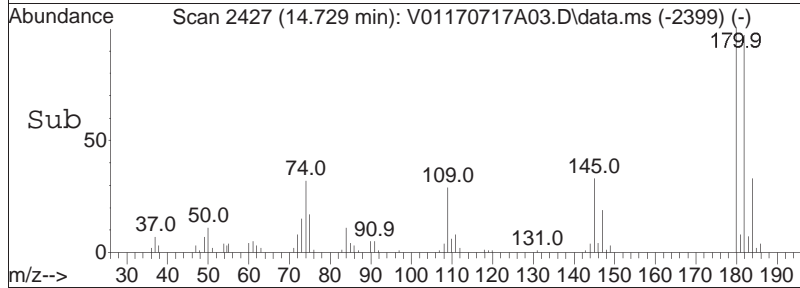
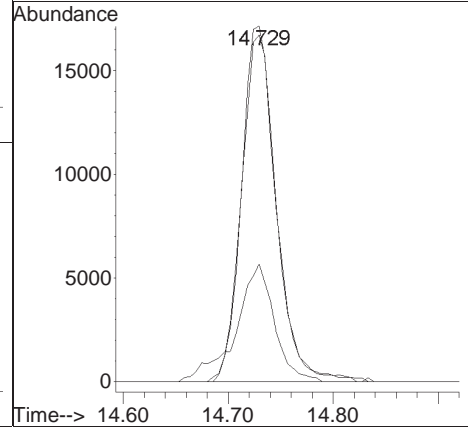
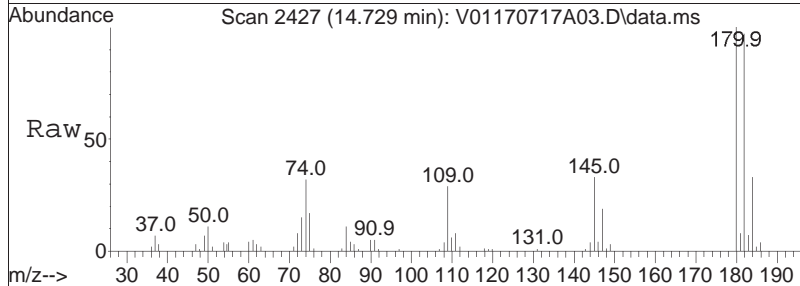
Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.8	50.7	76.1
227	63.3	53.5	80.3

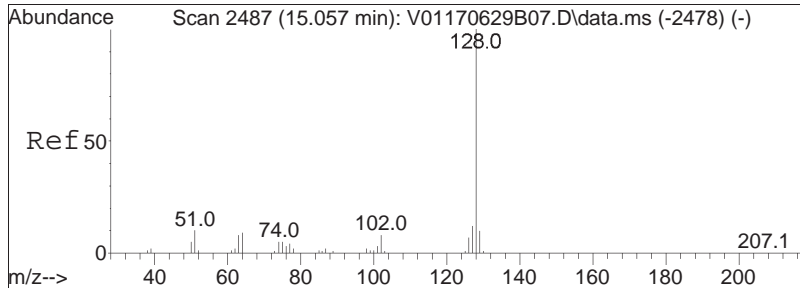




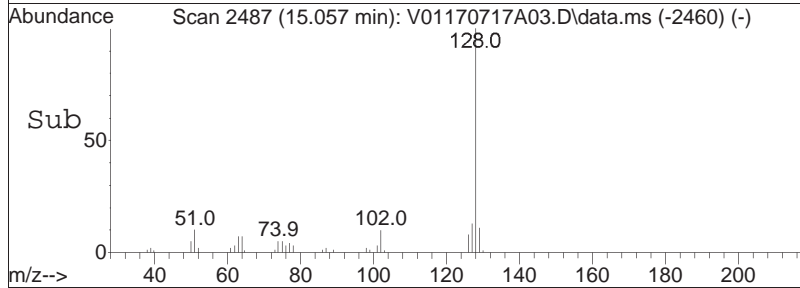
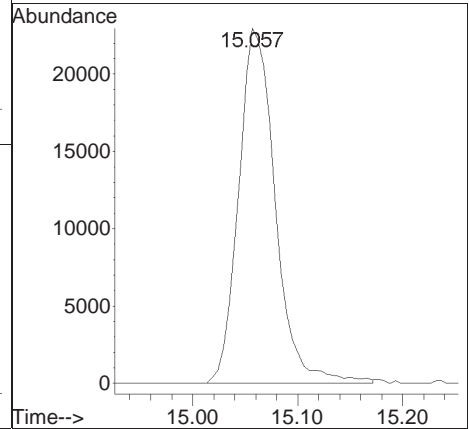
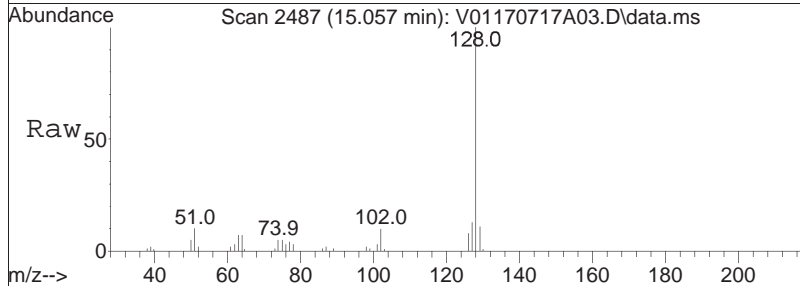
#109
 1,2,4-Trichlorobenzene
 Concen: 9.39 ug/L
 RT: 14.729 min Scan# 2427
 Delta R.T. 0.000 min
 Lab File: V01170717A03.D
 Acq: 17 Jul 2017 10:36

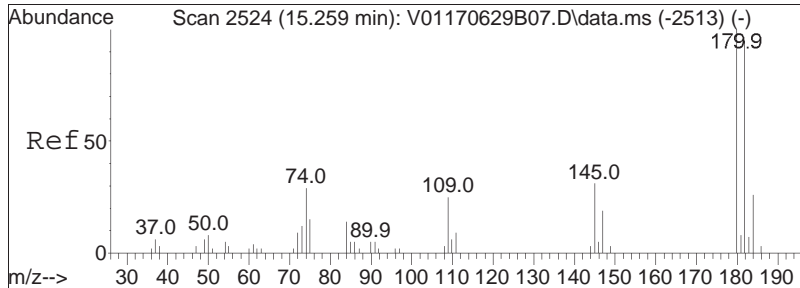
Tgt Ion	Resp	Lower	Upper
180	39357		
180	100		
182	97.0	75.0	112.4
145	36.6	28.5	42.7





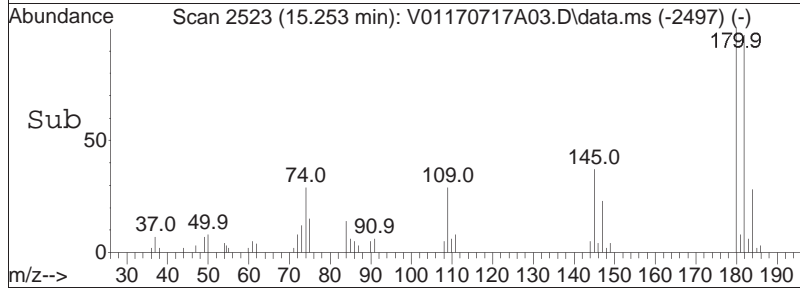
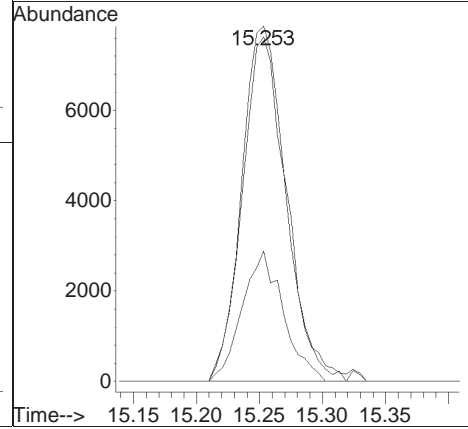
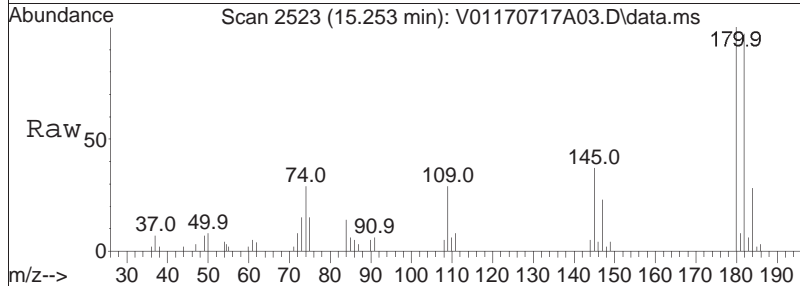
#110
 Naphthalene
 Concen: 9.31 ug/L
 RT: 15.057 min Scan# 2487
 Delta R.T. -0.000 min
 Lab File: V01170717A03.D
 Acq: 17 Jul 2017 10:36
 Tgt Ion:128 Resp: 55834





#111
 1,2,3-Trichlorobenzene
 Concen: 9.86 ug/L
 RT: 15.253 min Scan# 2523
 Delta R.T. -0.006 min
 Lab File: V01170717A03.D
 Acq: 17 Jul 2017 10:36

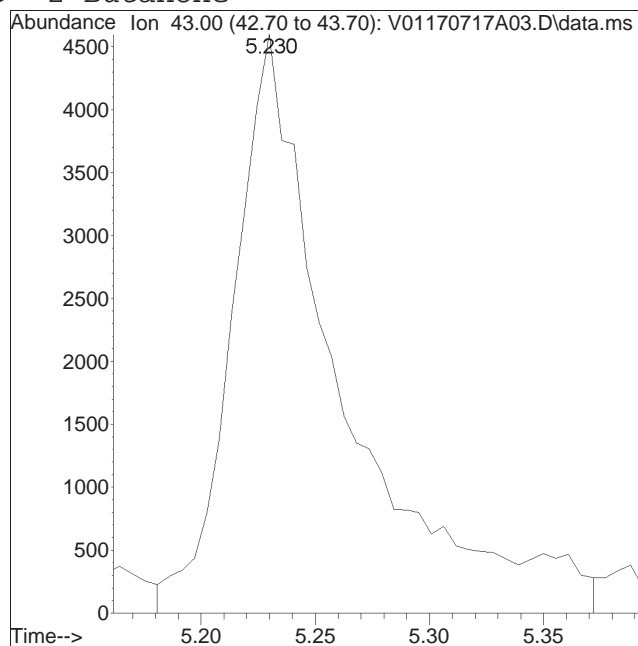
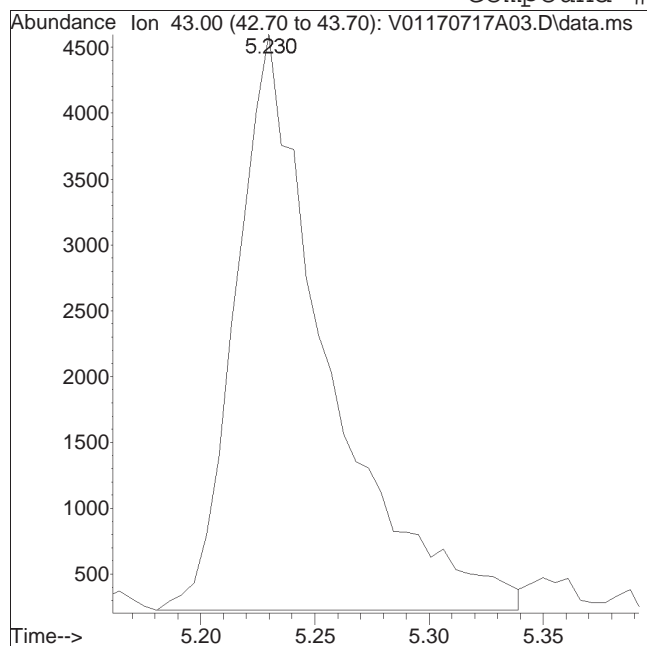
Tgt Ion	Resp	Lower	Upper
180	19394		
180	100		
182	95.5	73.3	109.9
145	33.7	26.2	39.4



Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2017\1QMethod : V101_170629B_8260.m
Data File : V01170717A03.D Operator : VOA101:PD
Date Inj'd : 7/17/2017 10:36 Instrument : VOA 101
Sample : WG1023276-4,31,10,10 Quant Date : 7/17/2017 10:57 am

Compound #39: 2-Butanone



Original Peak Response = 12243

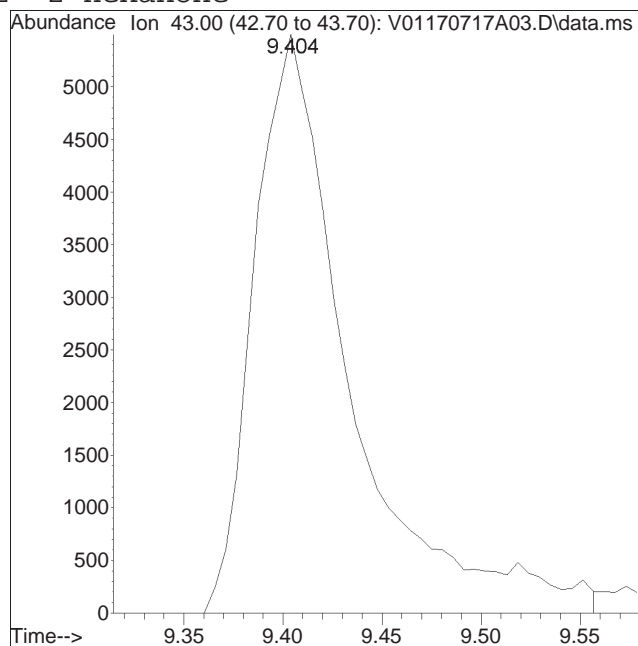
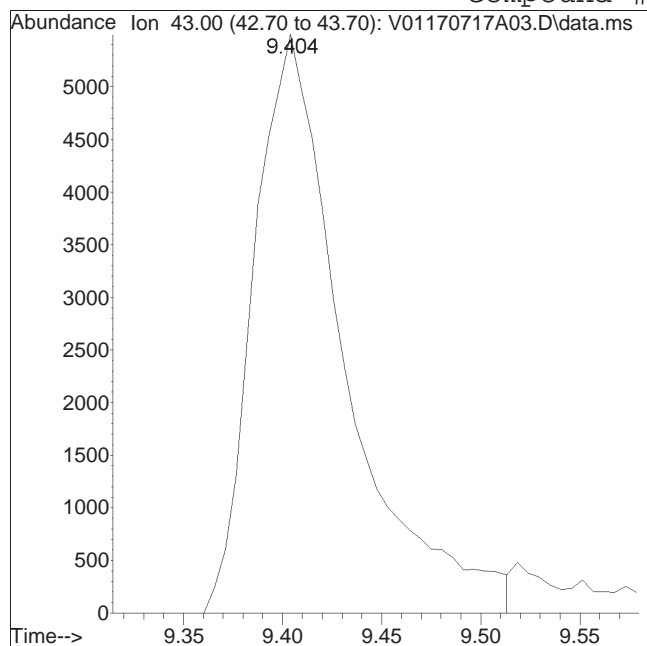
Manual Peak Response = 15169 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2017\1QMethod : V101_170629B_8260.m
Data File : V01170717A03.D Operator : VOA101:PD
Date Inj'd : 7/17/2017 10:36 Instrument : VOA 101
Sample : WG1023276-4,31,10,10 Quant Date : 7/17/2017 10:57 am

Compound #72: 2-Hexanone



Original Peak Response = 17632

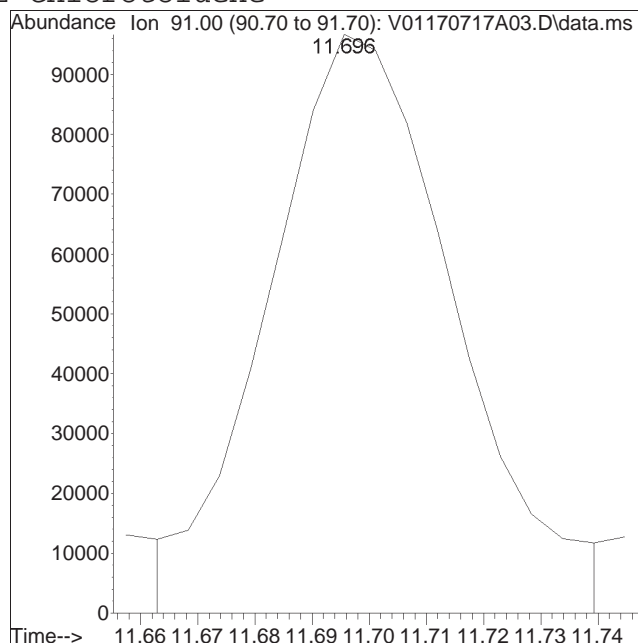
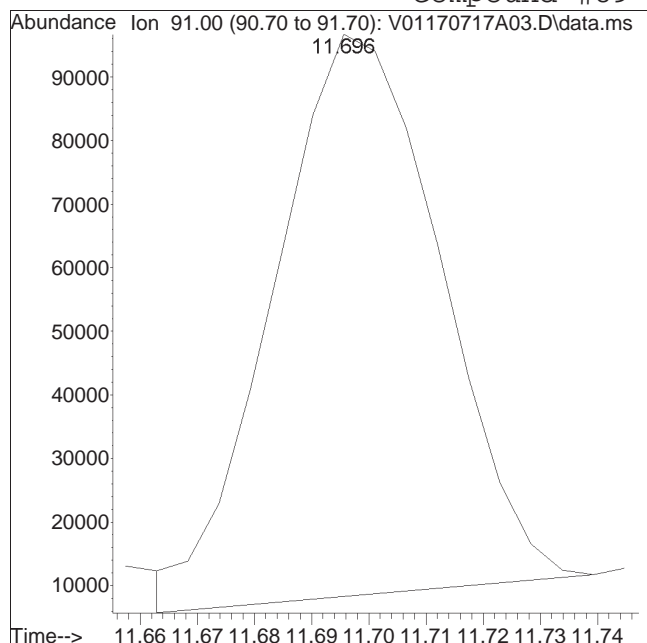
Manual Peak Response = 18432 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2017\1QMethod : V101_170629B_8260.m
Data File : V01170717A03.D Operator : VOA101:PD
Date Inj'd : 7/17/2017 10:36 Instrument : VOA 101
Sample : WG1023276-4,31,10,10 Quant Date : 7/17/2017 10:57 am

Compound #89: 2-Chlorotoluene



Original Peak Response = 179204

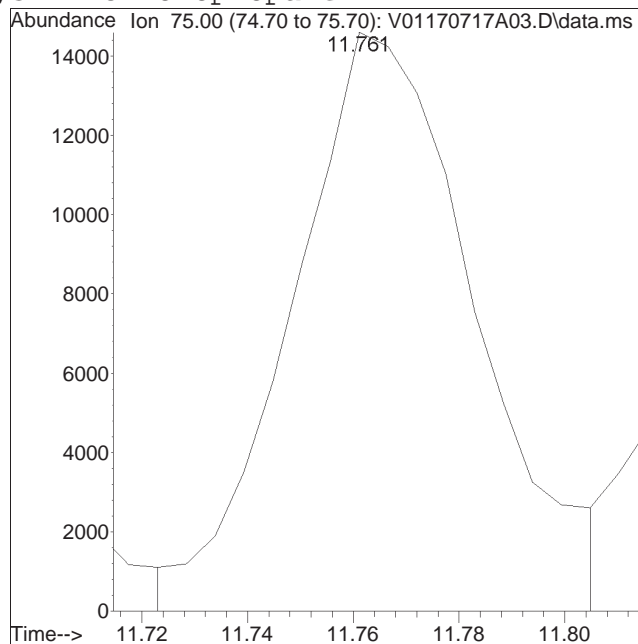
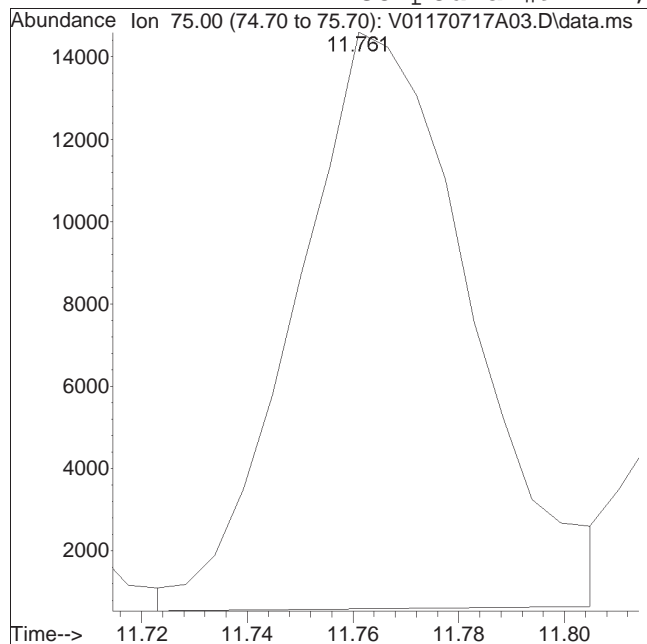
Manual Peak Response = 219218 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2017\1QMethod : V101_170629B_8260.m
Data File : V01170717A03.D Operator : VOA101:PD
Date Inj'd : 7/17/2017 10:36 Instrument : VOA 101
Sample : WG1023276-4,31,10,10 Quant Date : 7/17/2017 10:57 am

Compound #91: 1,2,3-Trichloropropane



Original Peak Response = 31992

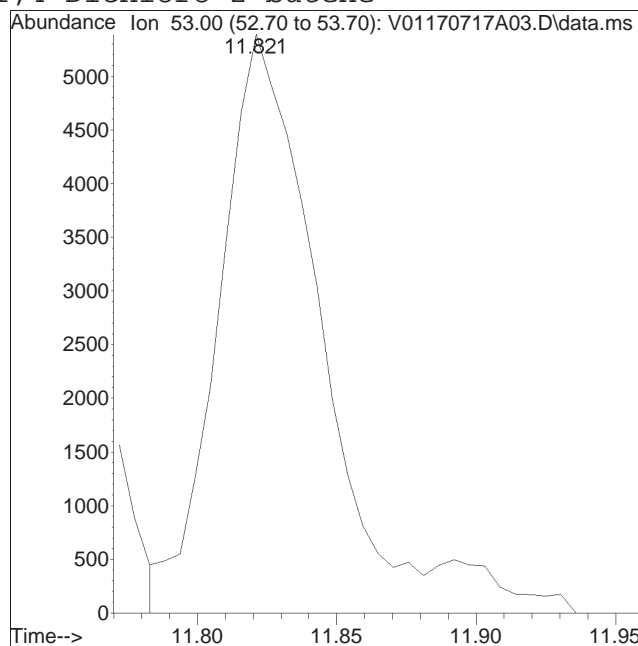
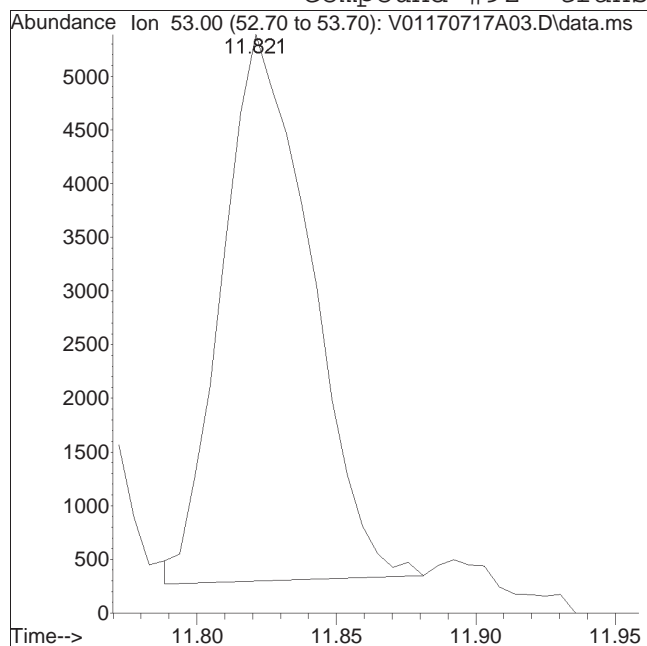
Manual Peak Response = 34939 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2017\1QMethod : V101_170629B_8260.m
Data File : V01170717A03.D Operator : VOA101:PD
Date Inj'd : 7/17/2017 10:36 Instrument : VOA 101
Sample : WG1023276-4,31,10,10 Quant Date : 7/17/2017 10:57 am

Compound #92: trans-1,4-Dichloro-2-butene



Original Peak Response = 11220

Manual Peak Response = 14008 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2017\170717N\
 Data File : V01170717N03.D
 Acq On : 17 Jul 2017 9:08 pm
 Operator : VOA101:PK
 Sample : WG1023473-4,31,10,10
 Misc : WG1023473,ICAL13786
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 17 22:09:30 2017
 Quant Method : I:\VOLATILES\VOA101\2017\170717N\V101_170629B_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Fri Jun 30 16:37:53 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2017\170717N\V01170717N02.D
 Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	

Internal Standards							
1) Fluorobenzene	5.950	96	285247	10.000	ug/L	0.00	
Standard Area 1 = 281033			Recovery = 101.50%				
59) Chlorobenzene-d5	9.759	117	227319	10.000	ug/L	0.00	
Standard Area 1 = 224158			Recovery = 101.41%				
79) 1,4-Dichlorobenzene-d4	12.667	152	120546	10.000	ug/L	0.00	
Standard Area 1 = 118176			Recovery = 102.01%				
System Monitoring Compounds							
36) Dibromofluoromethane	5.099	113	73575	11.137	ug/L	0.00	
Spiked Amount 10.000	Range 70 - 130		Recovery = 111.37%				
43) 1,2-Dichloroethane-d4	5.650	65	83894	10.958	ug/L	0.00	
Spiked Amount 10.000	Range 70 - 130		Recovery = 109.58%				
60) Toluene-d8	7.762	98	292068	9.605	ug/L	0.00	
Spiked Amount 10.000	Range 70 - 130		Recovery = 96.05%				
83) 4-Bromofluorobenzene	11.352	95	114178	9.397	ug/L	0.00	
Spiked Amount 10.000	Range 70 - 130		Recovery = 93.97%				
Target Compounds							
							Qvalue
2) Dichlorodifluoromethane	1.536	85	41899	8.690	ug/L		99
3) Chloromethane	1.716	50	64328	8.418	ug/L		98
4) Vinyl chloride	1.787	62	60408	8.617	ug/L		100
5) Bromomethane	2.076	94	20026	9.394	ug/L		98
6) Chloroethane	2.191	64	36884	9.275	ug/L		95
7) Trichlorofluoromethane	2.327	101	87080	10.491	ug/L		100
8) Ethyl ether	2.611	74	22096	9.861	ug/L		68
10) 1,1-Dichloroethene	2.802	96	44473	9.533	ug/L #		63
11) Carbon disulfide	2.829	76	126979	9.038	ug/L		100
15) Methylene chloride	3.353	84	52584	9.700	ug/L		77
17) Acetone	3.402	43	9045	10.822	ug/L		99
18) trans-1,2-Dichloroethene	3.506	96	55005	9.891	ug/L #		73
20) Methyl tert-butyl ether	3.598	73	115663	10.369	ug/L		92
23) 1,1-Dichloroethane	4.100	63	125287	9.512	ug/L		97
25) Acrylonitrile	4.160	53	12187	8.832	ug/L		93
27) Vinyl acetate	4.346	43	99111	9.259	ug/L #		95
28) cis-1,2-Dichloroethene	4.635	96	61025	9.974	ug/L #		78
29) 2,2-Dichloropropane	4.739	77	91177	10.544	ug/L		97
30) Bromochloromethane	4.837	128	24626	10.961	ug/L		88
32) Chloroform	4.908	83	105138	10.330	ug/L		99

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2017\170717N\
 Data File : V01170717N03.D
 Acq On : 17 Jul 2017 9:08 pm
 Operator : VOA101:PK
 Sample : WG1023473-4,31,10,10
 Misc : WG1023473,ICAL13786
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 17 22:09:30 2017
 Quant Method : I:\VOLATILES\VOA101\2017\170717N\V101_170629B_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Fri Jun 30 16:37:53 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2017\170717N\V01170717N02.D
 Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Carbon tetrachloride	5.050	117	84140	10.755	ug/L	98
37) 1,1,1-Trichloroethane	5.115	97	100238	10.860	ug/L	95
39) 2-Butanone	5.230	43	12974M1	8.540	ug/L	
40) 1,1-Dichloropropene	5.252	75	84330	9.642	ug/L	99
41) Benzene	5.503	78	232547	9.374	ug/L #	91
44) 1,2-Dichloroethane	5.721	62	79012	10.995	ug/L	96
48) Trichloroethene	6.141	95	62767	10.028	ug/L	92
50) Dibromomethane	6.616	93	26093	10.518	ug/L	92
51) 1,2-Dichloropropane	6.720	63	69224	9.283	ug/L	97
54) Bromodichloromethane	6.801	83	76161	10.496	ug/L	98
57) 1,4-Dioxane	7.025	88	13273	557.077	ug/L #	81
58) cis-1,3-Dichloropropene	7.543	75	87461	10.216	ug/L	95
61) Toluene	7.822	92	153467	9.103	ug/L	96
62) 4-Methyl-2-pentanone	8.302	58	11635	7.861	ug/L	88
63) Tetrachloroethene	8.307	166	64868	9.960	ug/L	95
65) trans-1,3-Dichloropropene	8.351	75	69921	8.858	ug/L	99
68) 1,1,2-Trichloroethane	8.547	83	30962	9.091	ug/L	98
69) Chlorodibromomethane	8.782	129	45598	10.193	ug/L	96
70) 1,3-Dichloropropane	8.897	76	70013	9.331	ug/L	100
71) 1,2-Dibromoethane	9.082	107	35277	10.077	ug/L	97
72) 2-Hexanone	9.404	43	17294	7.604	ug/L	99
73) Chlorobenzene	9.781	112	174910	9.445	ug/L	97
74) Ethylbenzene	9.824	91	305413	9.180	ug/L	96
75) 1,1,1,2-Tetrachloroethane	9.873	131	56953	9.963	ug/L	98
76) p/m Xylene	10.021	106	243794	18.924	ug/L	86
77) o Xylene	10.594	106	223042	18.892	ug/L	87
78) Styrene	10.664	104	354926	19.075	ug/L	97
80) Bromoform	10.697	173	22373	9.619	ug/L	99
82) Isopropylbenzene	10.997	105	322545	8.716	ug/L	100
84) Bromobenzene	11.472	156	61652	9.140	ug/L	98
85) n-Propylbenzene	11.510	91	368657	8.445	ug/L	95
87) 1,1,2,2-Tetrachloroethane	11.614	83	35977	8.400	ug/L	100
88) 4-Ethyltoluene	11.647	105	301084	8.737	ug/L	99
89) 2-Chlorotoluene	11.696	91	219175M1	8.837	ug/L	
90) 1,3,5-Trimethylbenzene	11.750	105	256859	8.889	ug/L	97
91) 1,2,3-Trichloropropane	11.767	75	32578M1	8.814	ug/L	
92) trans-1,4-Dichloro-2-b...	11.827	53	12976	9.966	ug/L #	68
93) 4-Chlorotoluene	11.898	91	220472	8.781	ug/L	92
94) tert-Butylbenzene	12.121	119	219359	8.890	ug/L	91

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2017\170717N\
 Data File : V01170717N03.D
 Acq On : 17 Jul 2017 9:08 pm
 Operator : VOA101:PK
 Sample : WG1023473-4,31,10,10
 Misc : WG1023473,ICAL13786
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 17 22:09:30 2017
 Quant Method : I:\VOLATILES\VOA101\2017\170717N\V101_170629B_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Fri Jun 30 16:37:53 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2017\170717N\V01170717N02.D
 Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97) 1,2,4-Trimethylbenzene	12.209	105	258047	9.014	ug/L	96
98) sec-Butylbenzene	12.329	105	301881	8.531	ug/L	97
99) p-Isopropyltoluene	12.498	119	262060	8.959	ug/L	96
100) 1,3-Dichlorobenzene	12.585	146	128186	9.240	ug/L	98
101) 1,4-Dichlorobenzene	12.689	146	128198	9.057	ug/L	98
102) p-Diethylbenzene	12.913	119	144946	8.978	ug/L	96
103) n-Butylbenzene	12.973	91	214490	8.424	ug/L #	97
104) 1,2-Dichlorobenzene	13.158	146	106104	9.218	ug/L	99
105) 1,2,4,5-Tetramethylben...	13.791	119	184061	9.043	ug/L	94
106) 1,2-Dibromo-3-chloropr...	14.026	155	3442	8.356	ug/L	92
108) Hexachlorobutadiene	14.686	225	20152	9.543	ug/L	98
109) 1,2,4-Trichlorobenzene	14.729	180	38886	9.236	ug/L	99
110) Naphthalene	15.062	128	53863	8.938	ug/L	100
111) 1,2,3-Trichlorobenzene	15.253	180	18743	9.481	ug/L	96

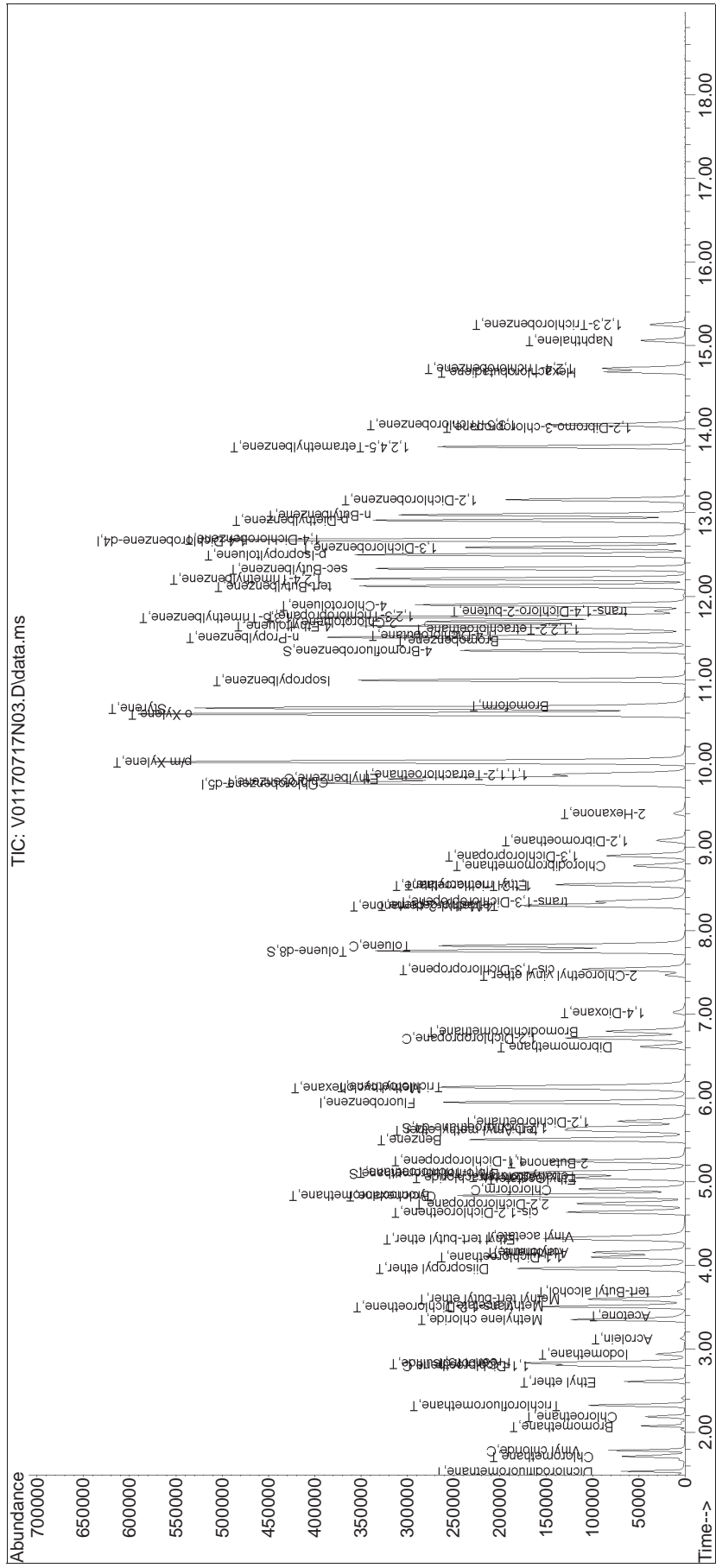
(#) = qualifier out of range (m) = manual integration (+) = signals summed

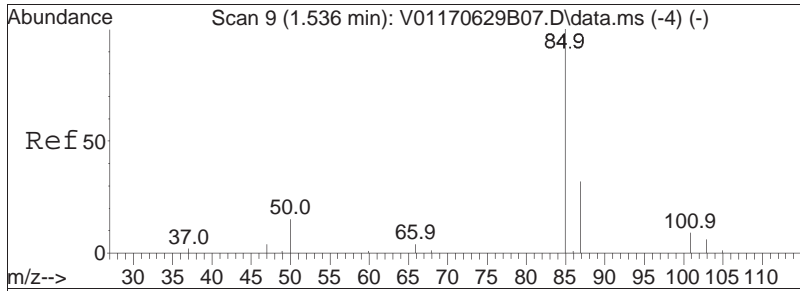
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2017\170717N\
 Data File : V01170717N03.D
 Acq On : 17 Jul 2017 9:08 pm
 Operator : VOA101:PK
 Sample : WG1023473-4,31,10,10
 Misc : WG1023473,ICAL13786
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 17 22:09:30 2017
 Quant Method : I:\VOLATILES\VOA101\2017\170717N\VOA101_170629B_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Fri Jun 30 16:37:53 2017
 Response via : Initial Calibration

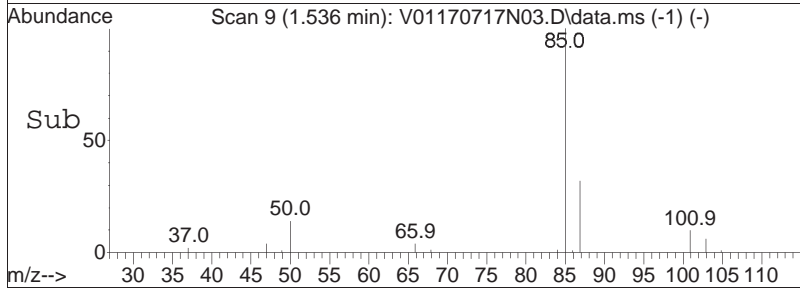
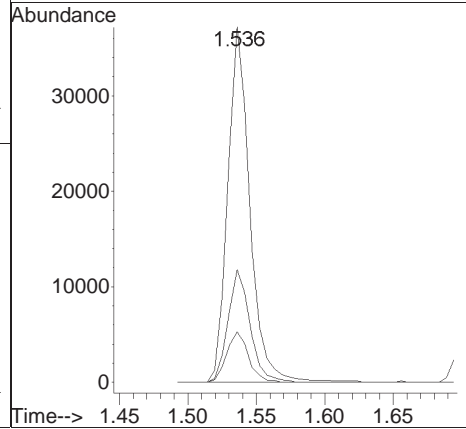
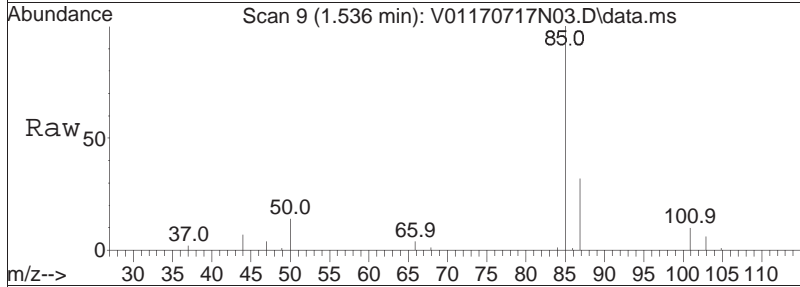
Sub List : 8260-Curve - Megamix plus Diox70717N\V01170717N02.D•

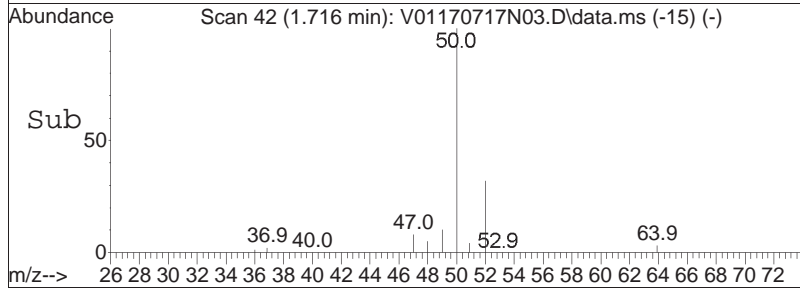
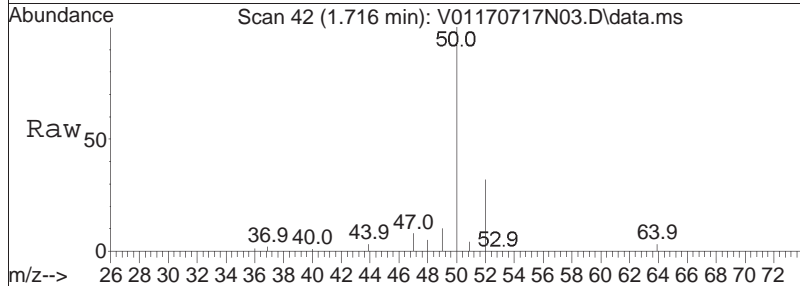
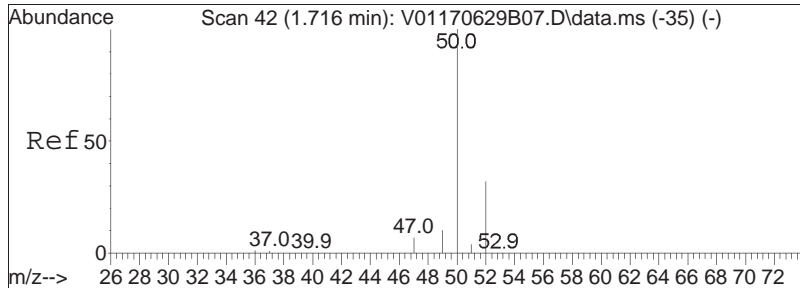




#2
 Dichlorodifluoromethane
 Concen: 8.69 ug/L
 RT: 1.536 min Scan# 9
 Delta R.T. -0.000 min
 Lab File: V01170717N03.D
 Acq: 17 Jul 2017 9:08 pm

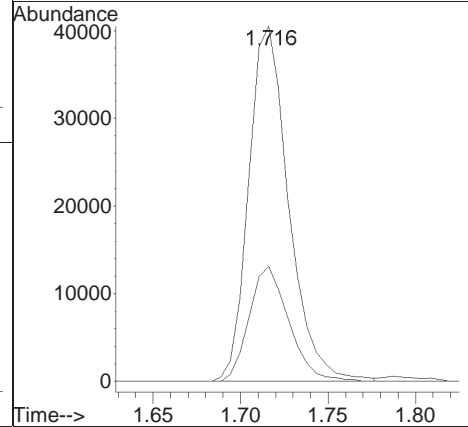
Tgt Ion	Resp	Lower	Upper
85	41899		
85	100		
87	31.5	20.7	43.1
50	14.0	8.3	17.1

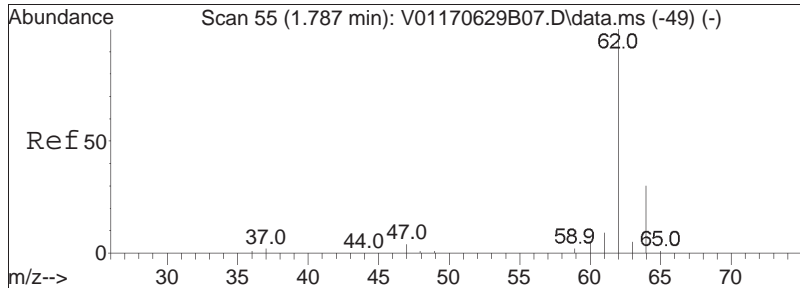




#3
 Chloromethane
 Concen: 8.42 ug/L
 RT: 1.716 min Scan# 42
 Delta R.T. 0.000 min
 Lab File: V01170717N03.D
 Acq: 17 Jul 2017 9:08 pm

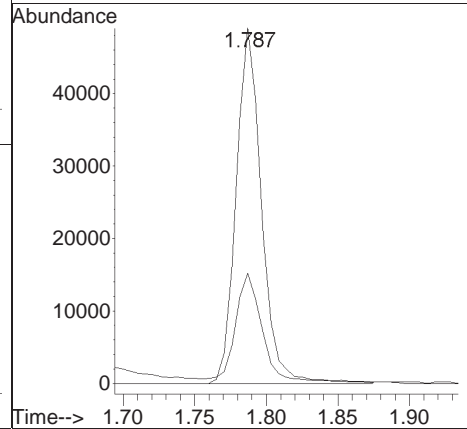
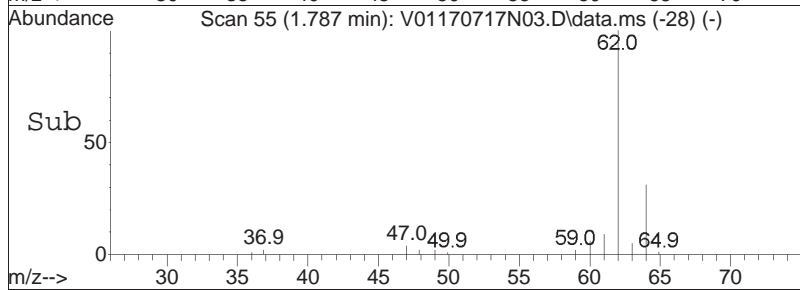
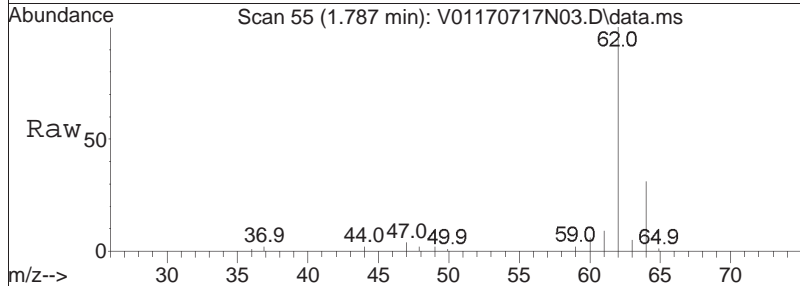
Tgt Ion	Resp	Lower	Upper
50	64328		
50	100		
52	32.1	13.3	53.3

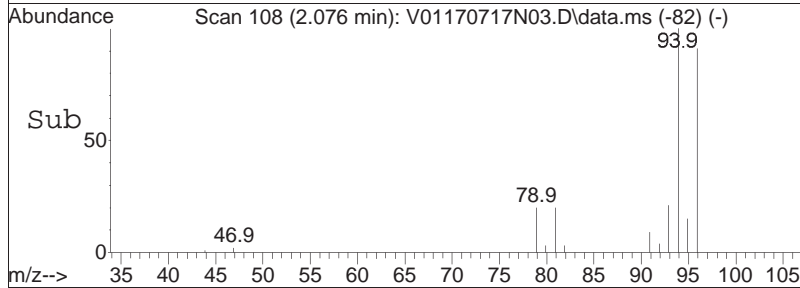
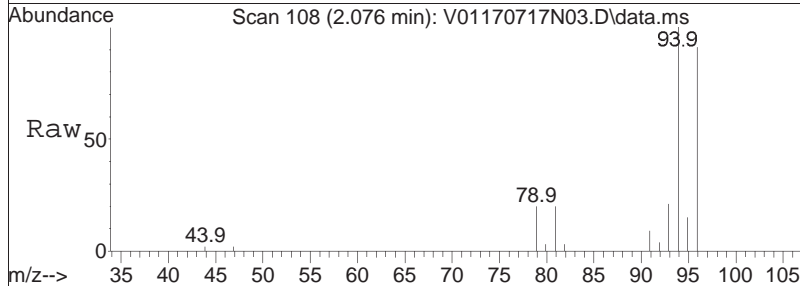
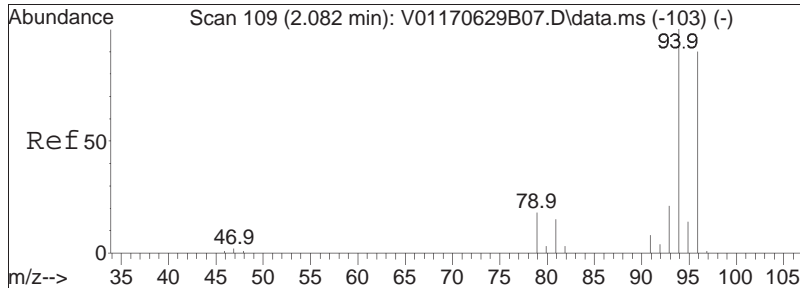




#4
 Vinyl chloride
 Concen: 8.62 ug/L
 RT: 1.787 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: V01170717N03.D
 Acq: 17 Jul 2017 9:08 pm

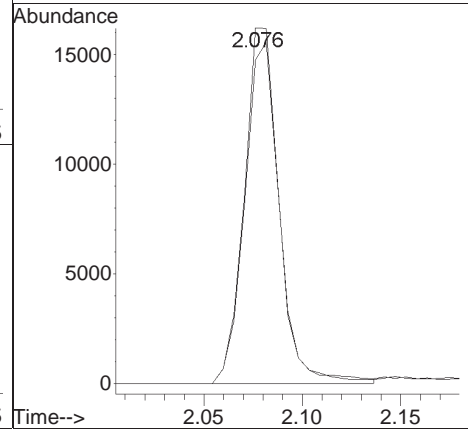
Tgt Ion	Resp	Lower	Upper
62	100		
64	32.3	12.3	52.3

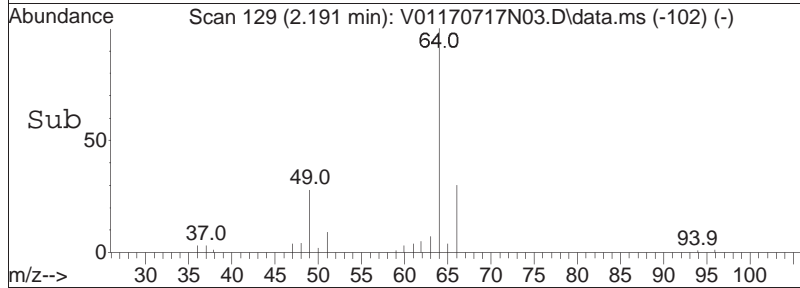
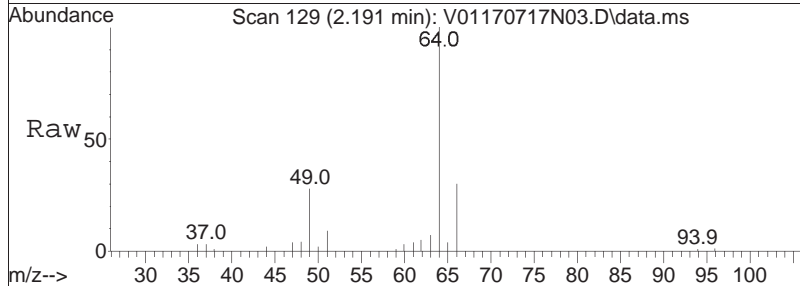
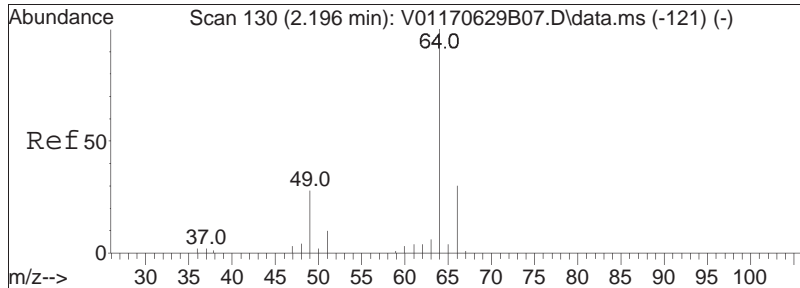




#5
 Bromomethane
 Concen: 9.39 ug/L
 RT: 2.076 min Scan# 108
 Delta R.T. -0.006 min
 Lab File: V01170717N03.D
 Acq: 17 Jul 2017 9:08 pm

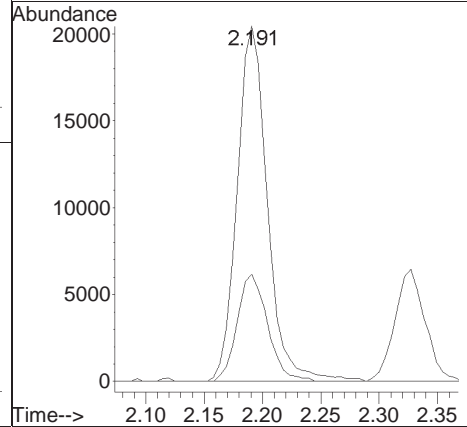
Tgt Ion:	94	Resp:	20026
Ion Ratio	Lower	Upper	
94	100		
96	94.9	73.0	113.0

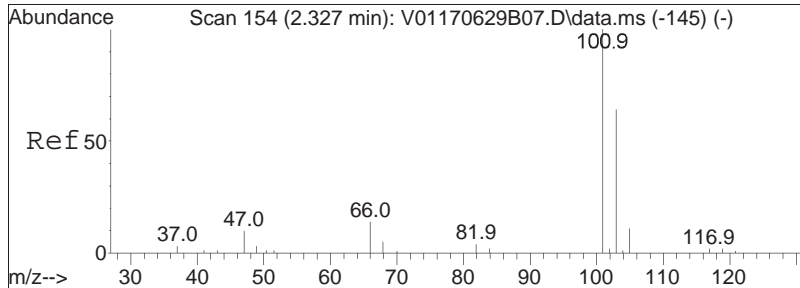




#6
 Chloroethane
 Concen: 9.28 ug/L
 RT: 2.191 min Scan# 129
 Delta R.T. -0.005 min
 Lab File: V01170717N03.D
 Acq: 17 Jul 2017 9:08 pm

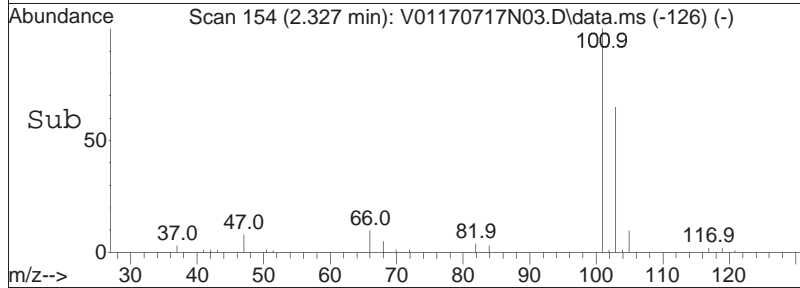
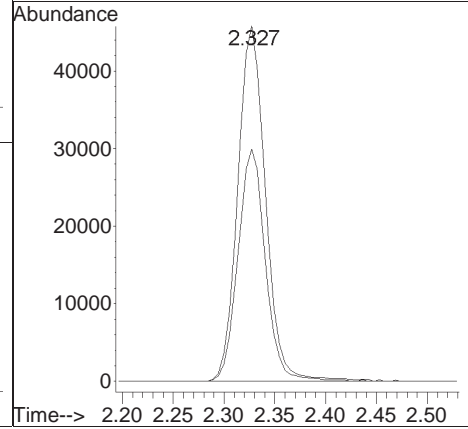
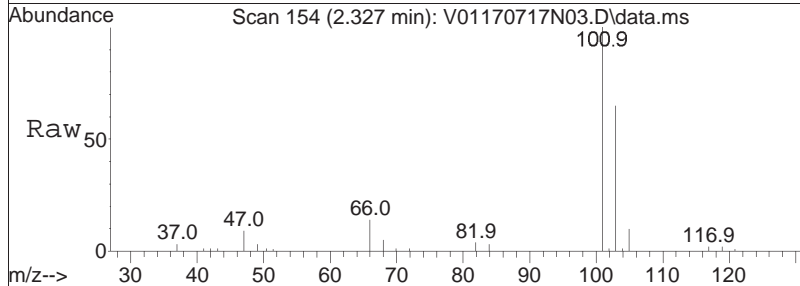
Tgt Ion:	64	Resp:	36884
Ion Ratio	100	Lower	Upper
66	30.3	13.0	53.0

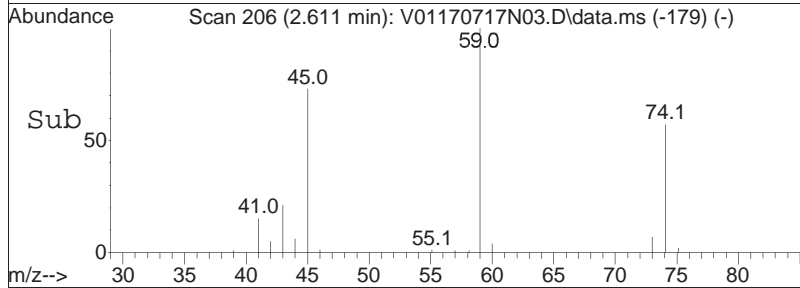
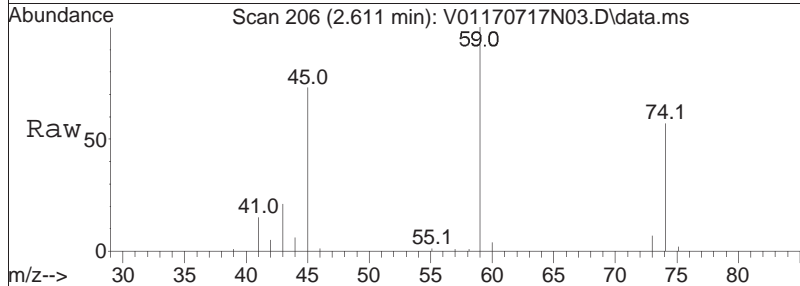
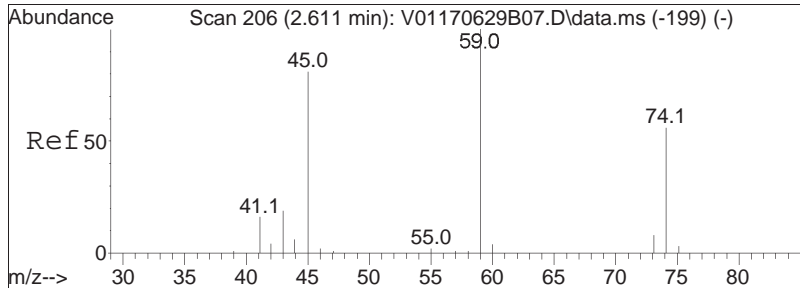




#7
 Trichlorofluoromethane
 Concen: 10.49 ug/L
 RT: 2.327 min Scan# 154
 Delta R.T. 0.000 min
 Lab File: V01170717N03.D
 Acq: 17 Jul 2017 9:08 pm

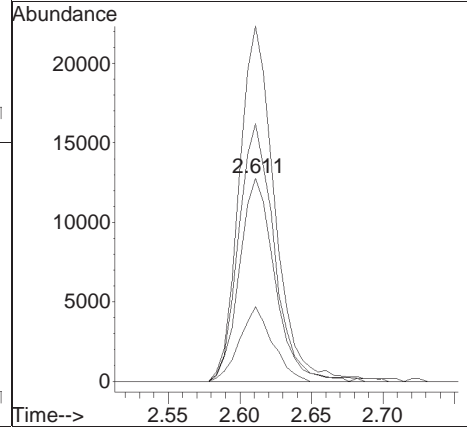
Tgt Ion	Resp	Lower	Upper
101	87080		
101	100		
103	64.6	51.8	77.6

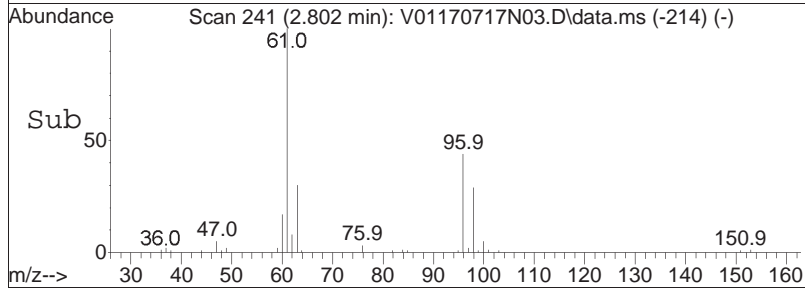
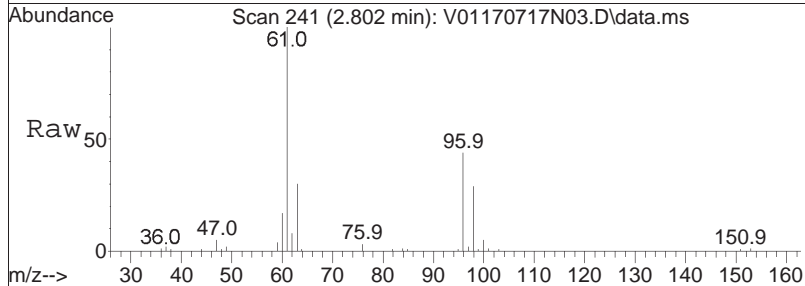
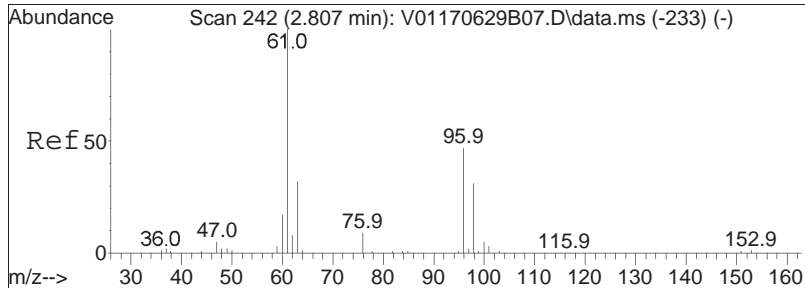




#8
 Ethyl ether
 Concen: 9.86 ug/L
 RT: 2.611 min Scan# 206
 Delta R.T. -0.000 min
 Lab File: V01170717N03.D
 Acq: 17 Jul 2017 9:08 pm

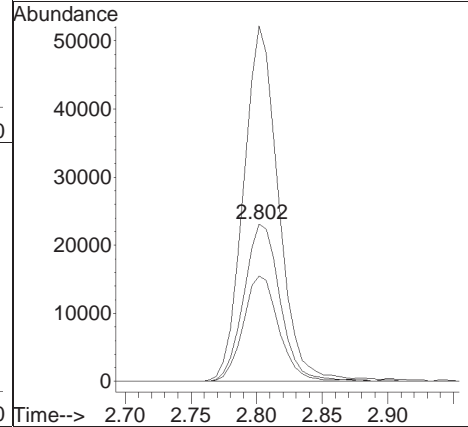
Tgt Ion	Resp	Lower	Upper
74	100		
59	174.9	84.2	175.0
45	127.2	63.8	132.6
43	34.1	19.5	40.5

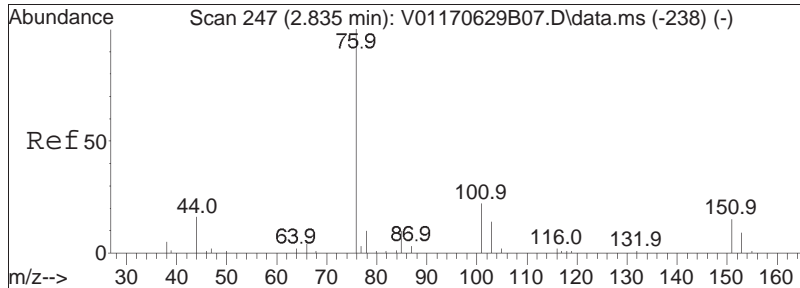




#10
 1,1-Dichloroethene
 Concen: 9.53 ug/L
 RT: 2.802 min Scan# 241
 Delta R.T. -0.005 min
 Lab File: V01170717N03.D
 Acq: 17 Jul 2017 9:08 pm

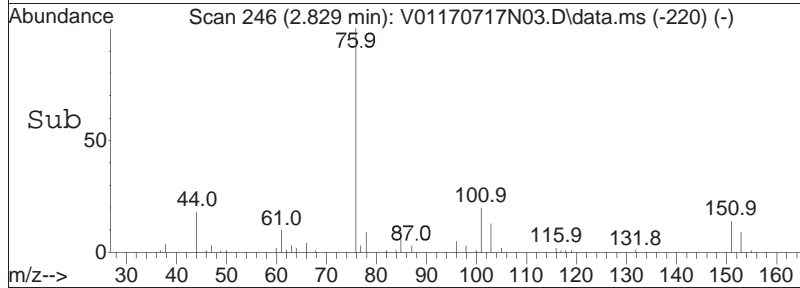
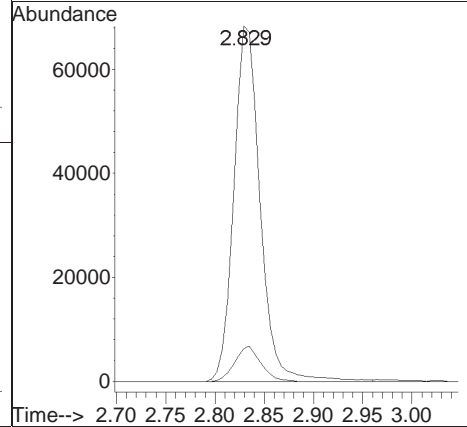
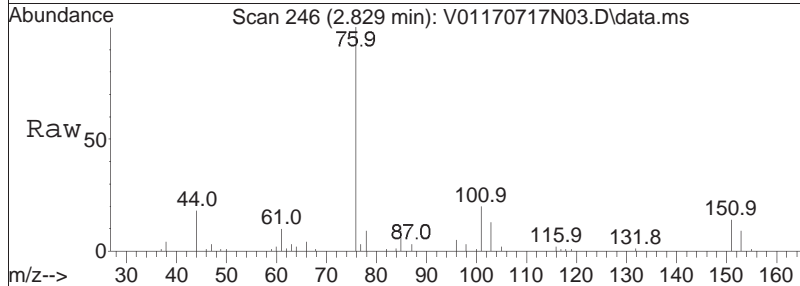
Tgt Ion	Resp	Lower	Upper
96	100		
61	218.2	129.4	194.2#
63	65.5	41.4	62.2#

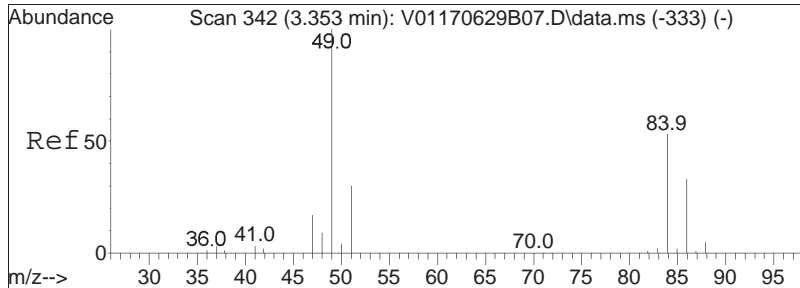




#11
 Carbon disulfide
 Concen: 9.04 ug/L
 RT: 2.829 min Scan# 246
 Delta R.T. -0.006 min
 Lab File: V01170717N03.D
 Acq: 17 Jul 2017 9:08 pm

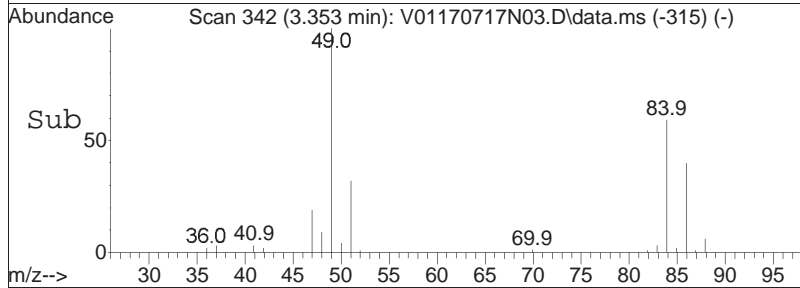
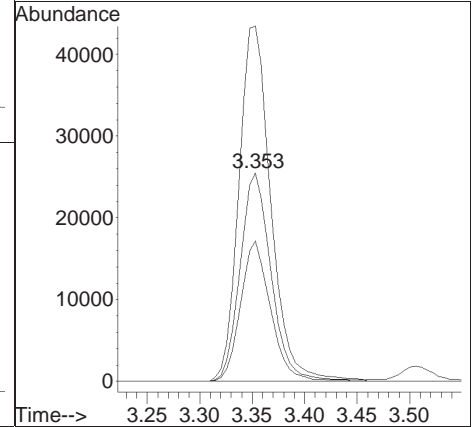
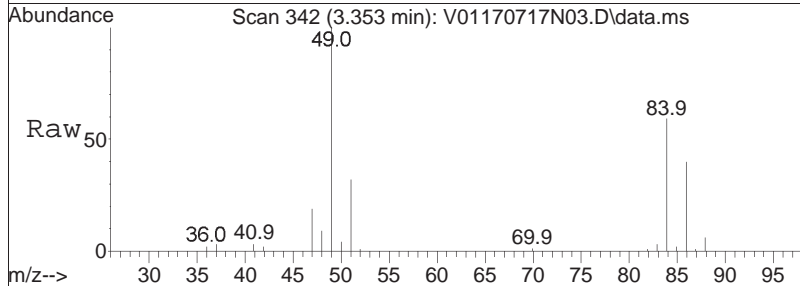
Tgt Ion: 76 Resp: 126979
 Ion Ratio Lower Upper
 76 100
 78 9.8 6.3 13.1

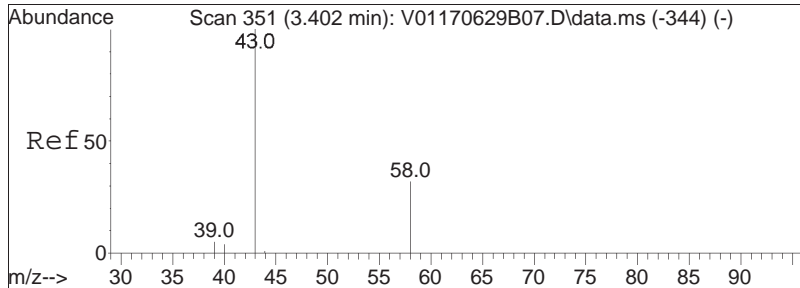




#15
 Methylene chloride
 Concen: 9.70 ug/L
 RT: 3.353 min Scan# 342
 Delta R.T. -0.000 min
 Lab File: V01170717N03.D
 Acq: 17 Jul 2017 9:08 pm

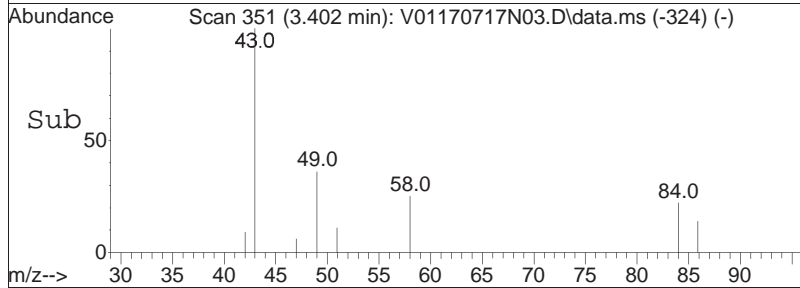
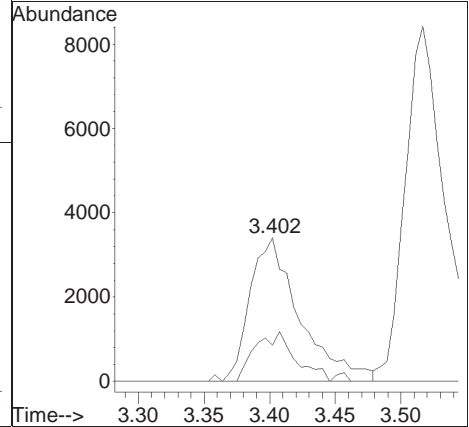
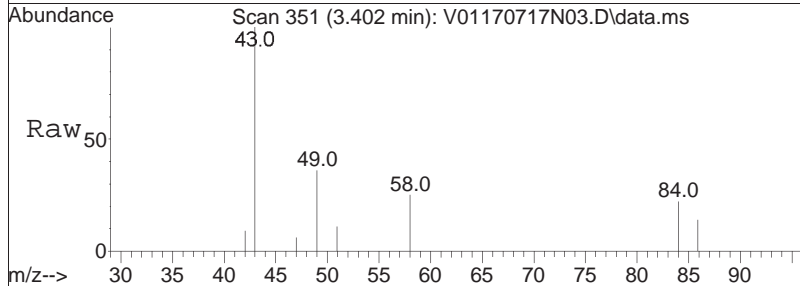
Tgt Ion	Resp	Lower	Upper
84	52584		
86	65.1	41.0	85.2
49	175.1	88.5	183.9

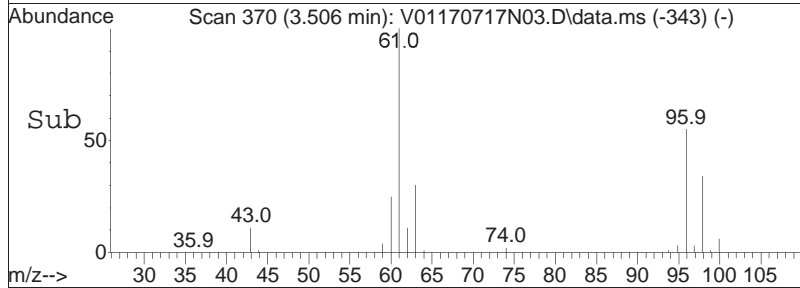
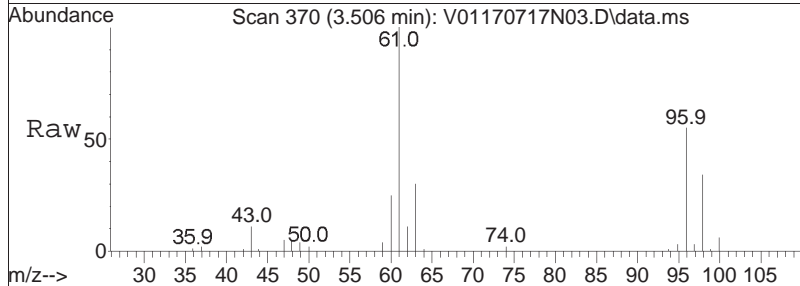
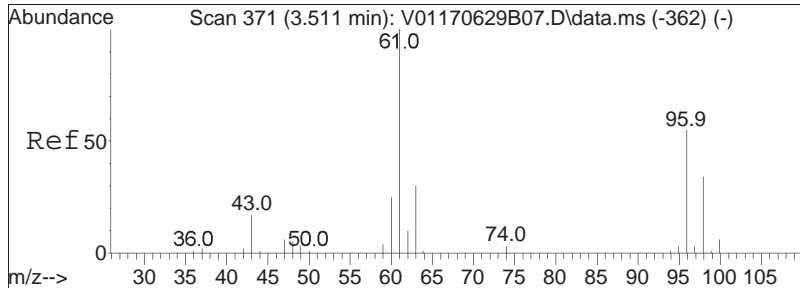




#17
 Acetone
 Concen: 10.82 ug/L
 RT: 3.402 min Scan# 351
 Delta R.T. 0.000 min
 Lab File: V01170717N03.D
 Acq: 17 Jul 2017 9:08 pm

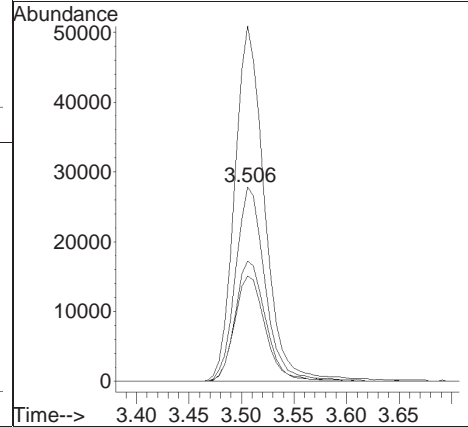
Tgt Ion:	43	58	Resp:	9045
Ion Ratio	100	27.9	Lower	Upper
			21.8	32.6

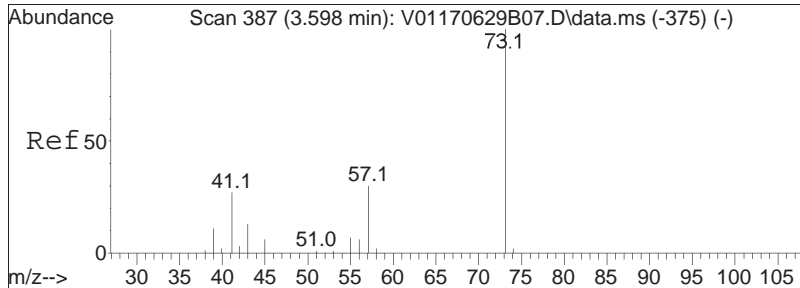




#18
 trans-1,2-Dichloroethene
 Concen: 9.89 ug/L
 RT: 3.506 min Scan# 370
 Delta R.T. -0.005 min
 Lab File: V01170717N03.D
 Acq: 17 Jul 2017 9:08 pm

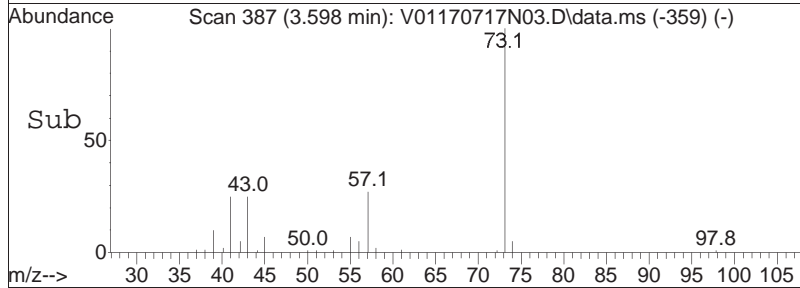
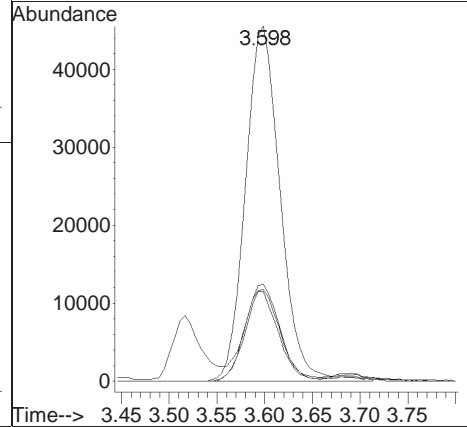
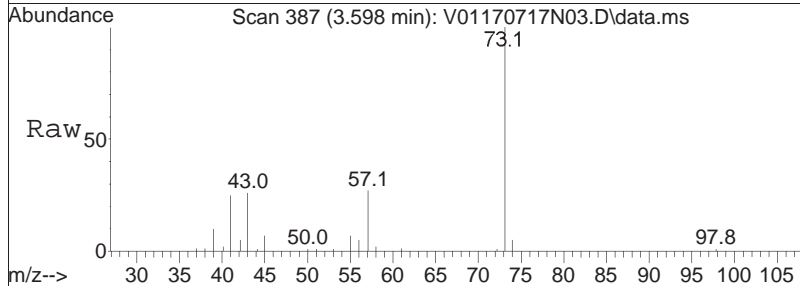
Tgt Ion	Resp	Lower	Upper
96	100		
61	184.2	88.2	183.2#
98	63.5	40.8	84.6
63	56.1	28.4	59.0

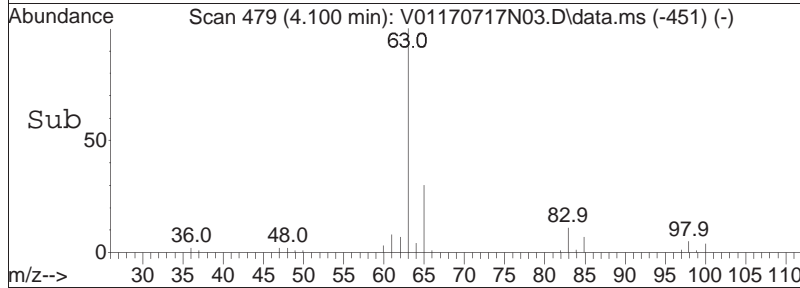
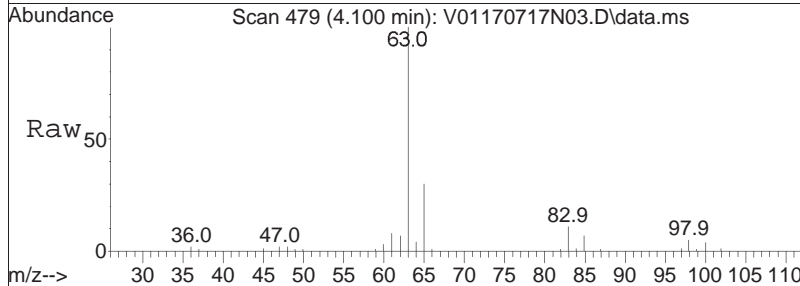
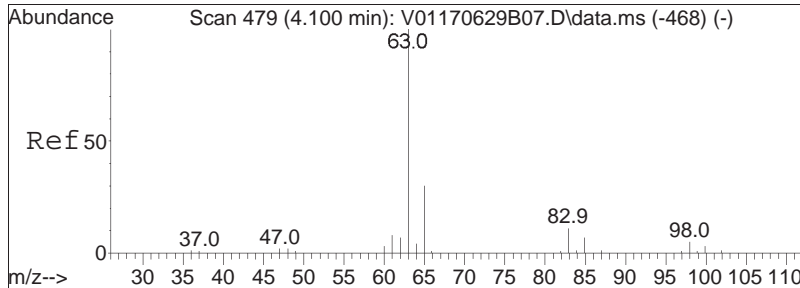




#20
 Methyl tert-butyl ether
 Concen: 10.37 ug/L
 RT: 3.598 min Scan# 387
 Delta R.T. 0.000 min
 Lab File: V01170717N03.D
 Acq: 17 Jul 2017 9:08 pm

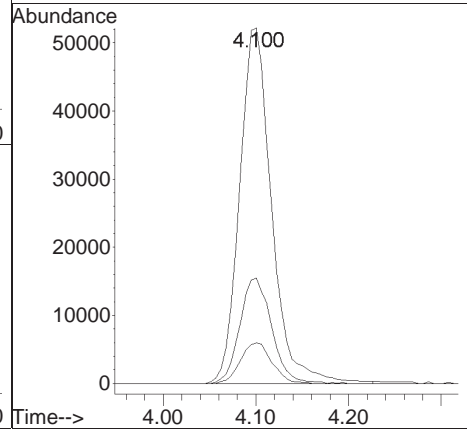
Tgt Ion	Resp	Lower	Upper
73	115663		
57	27.4	13.8	28.8
43	25.6	14.8	30.8
41	24.4	13.8	28.6

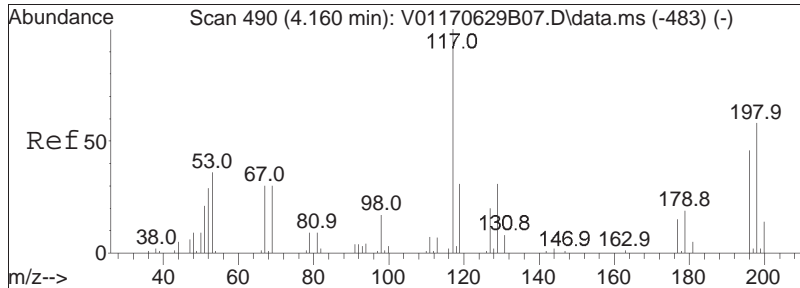




#23
 1,1-Dichloroethane
 Concen: 9.51 ug/L
 RT: 4.100 min Scan# 479
 Delta R.T. 0.000 min
 Lab File: V01170717N03.D
 Acq: 17 Jul 2017 9:08 pm

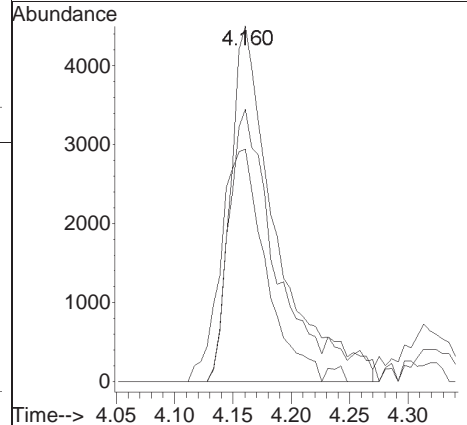
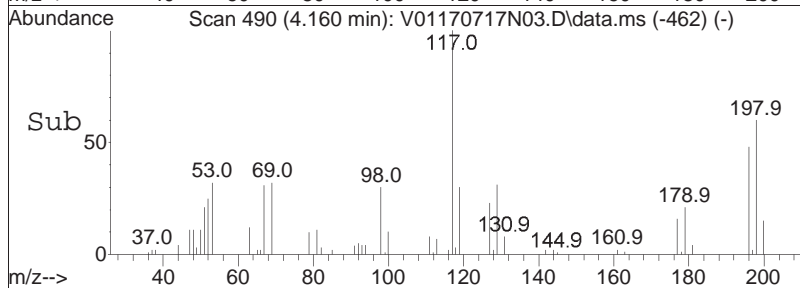
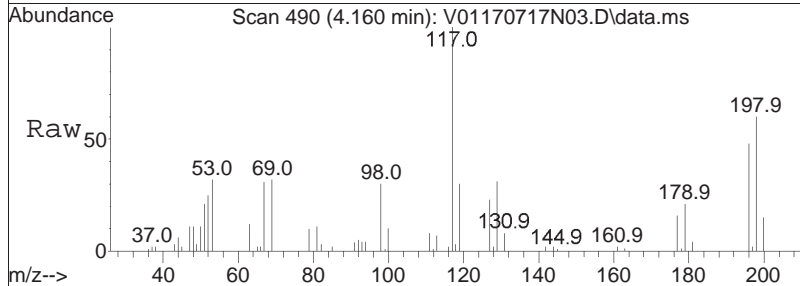
Tgt Ion:	Resp:		
Ion	Ratio	Lower	Upper
63	100		
65	29.3	10.5	50.5
83	11.2	0.0	33.2

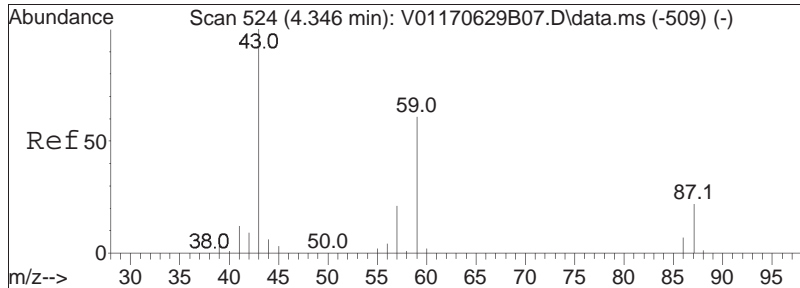




#25
 Acrylonitrile
 Concen: 8.83 ug/L
 RT: 4.160 min Scan# 490
 Delta R.T. 0.000 min
 Lab File: V01170717N03.D
 Acq: 17 Jul 2017 9:08 pm

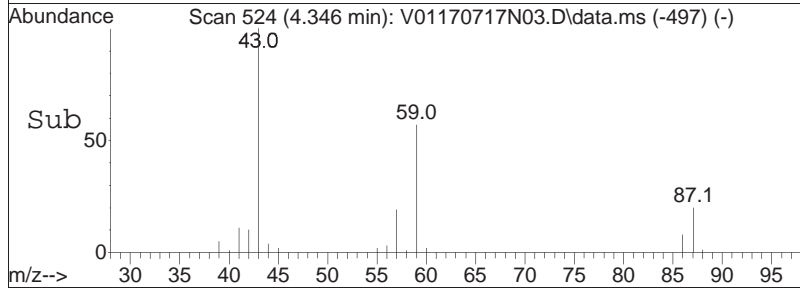
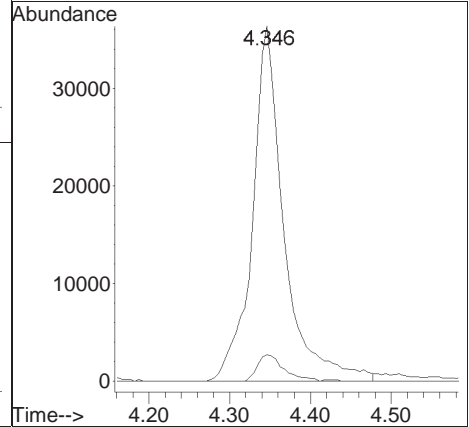
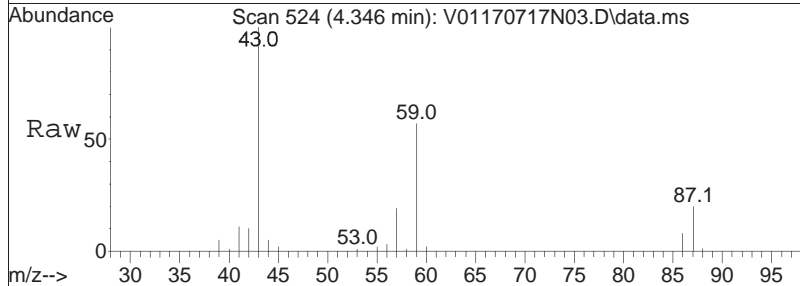
Tgt Ion:	53	Resp:	12187
Ion Ratio	Lower	Upper	
53	100		
52	75.3	63.4	95.0
51	65.2	58.7	88.1

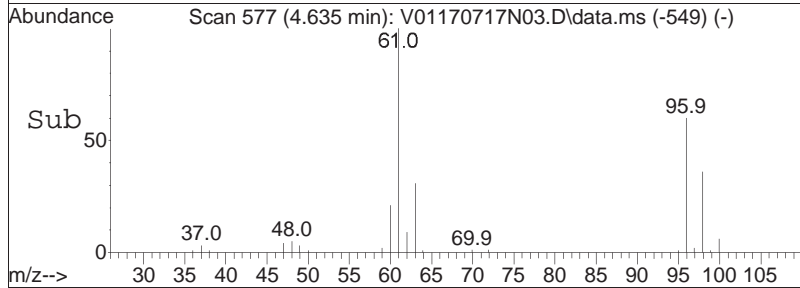
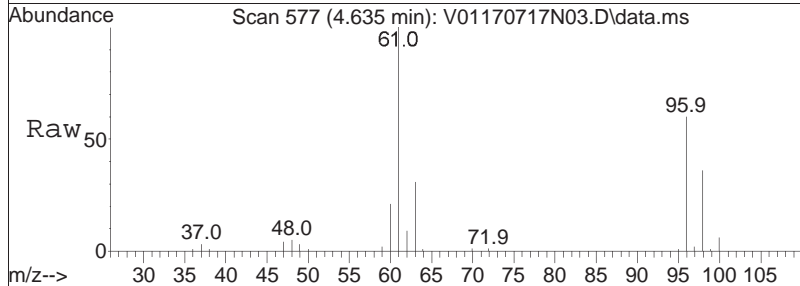
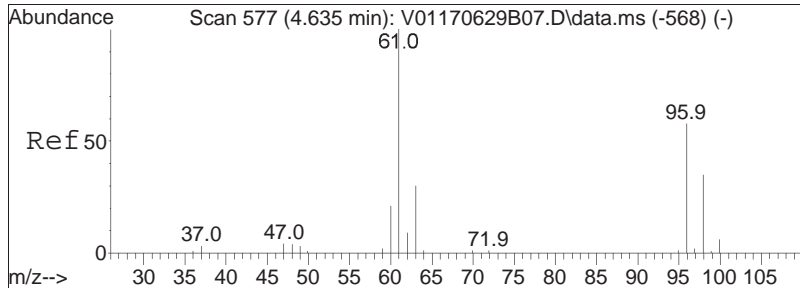




#27
 Vinyl acetate
 Concen: 9.26 ug/L
 RT: 4.346 min Scan# 524
 Delta R.T. 0.000 min
 Lab File: V01170717N03.D
 Acq: 17 Jul 2017 9:08 pm

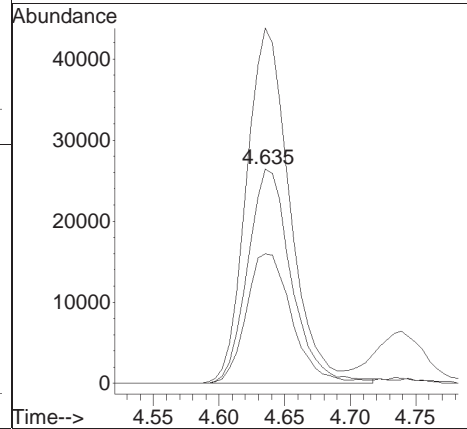
Tgt Ion	Resp	Lower	Upper
43	100		
86	6.4	6.6	9.8#

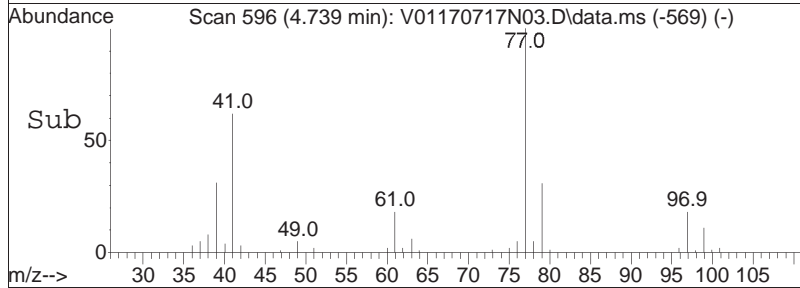
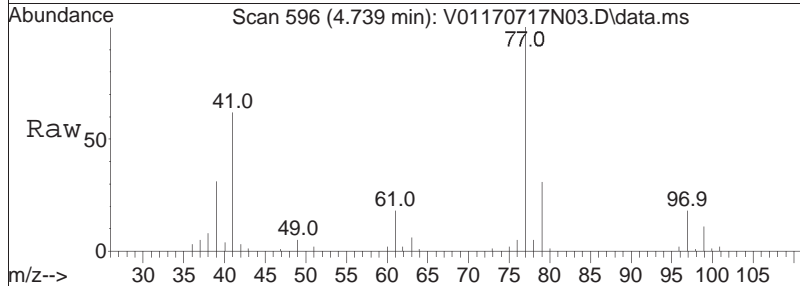
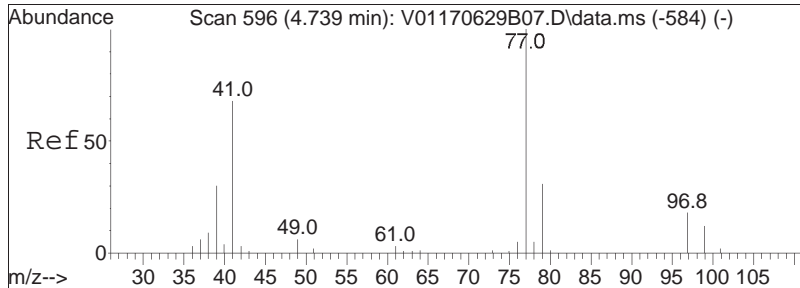




#28
 cis-1,2-Dichloroethene
 Concen: 9.97 ug/L
 RT: 4.635 min Scan# 577
 Delta R.T. 0.000 min
 Lab File: V01170717N03.D
 Acq: 17 Jul 2017 9:08 pm

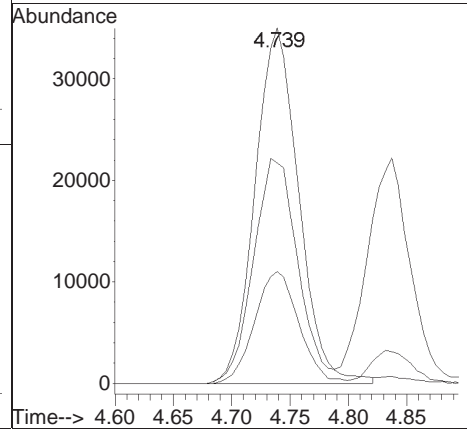
Tgt Ion:	Resp:		
Ion Ratio	Lower	Upper	
96	100		
61	164.1	101.4	152.0#
98	63.0	50.2	75.4

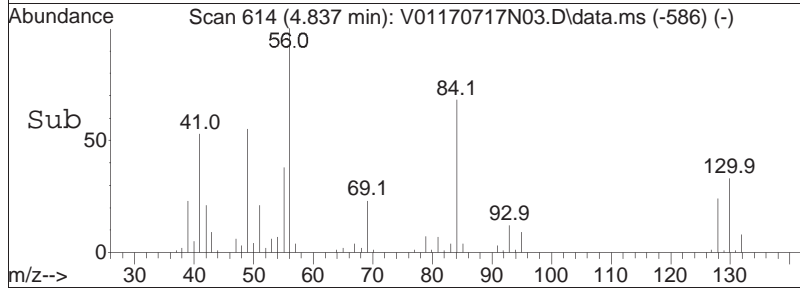
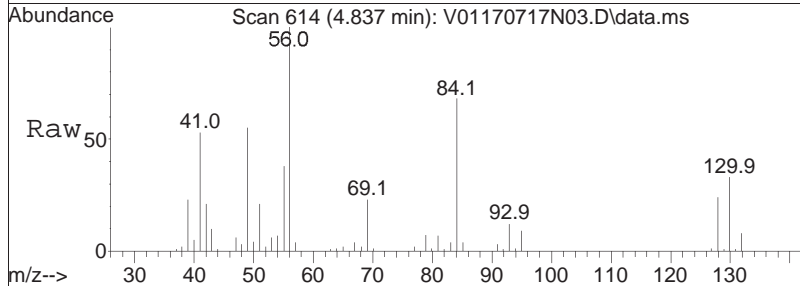
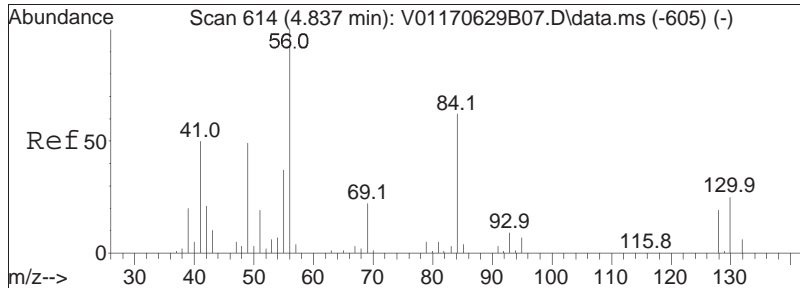




#29
 2,2-Dichloropropane
 Concen: 10.54 ug/L
 RT: 4.739 min Scan# 596
 Delta R.T. -0.000 min
 Lab File: V01170717N03.D
 Acq: 17 Jul 2017 9:08 pm

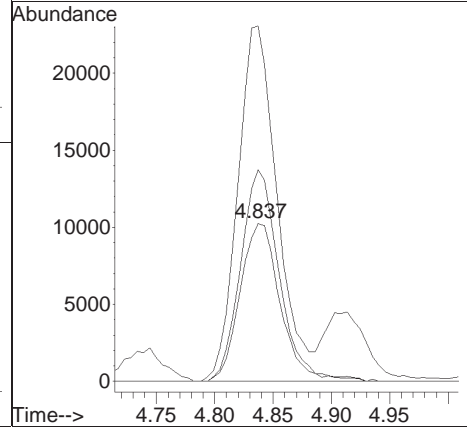
Tgt Ion:	Resp:		
Ion	Ratio	Lower	Upper
77	100		
41	64.2	39.6	82.3
79	31.9	20.8	43.2

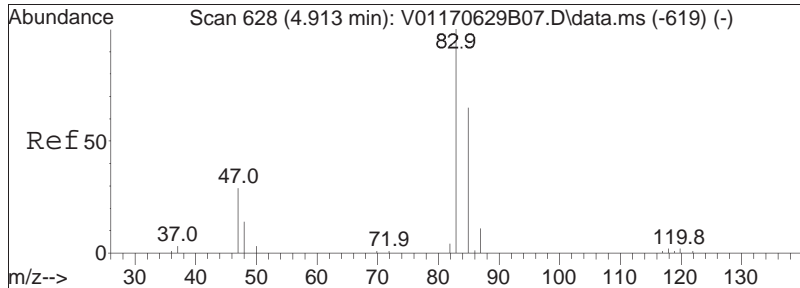




#30
 Bromochloromethane
 Concen: 10.96 ug/L
 RT: 4.837 min Scan# 614
 Delta R.T. 0.000 min
 Lab File: V01170717N03.D
 Acq: 17 Jul 2017 9:08 pm

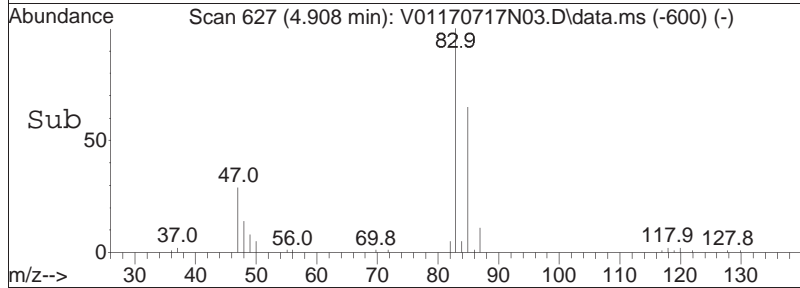
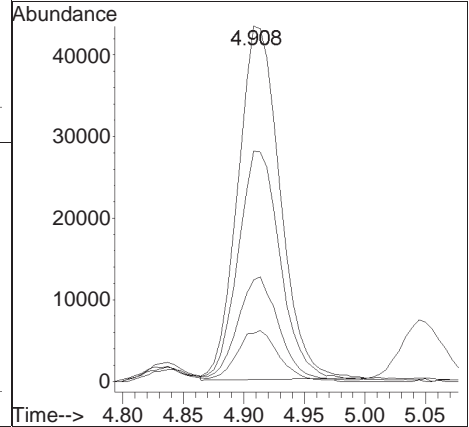
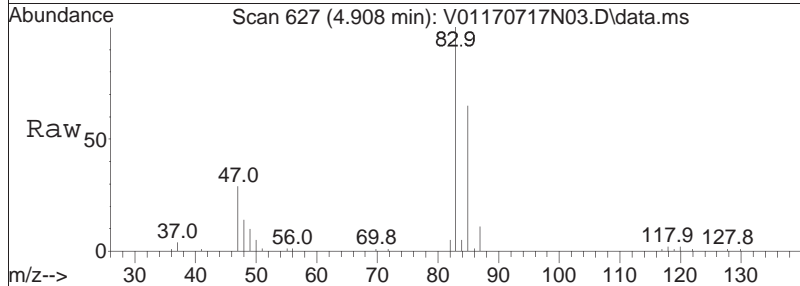
Tgt Ion	Resp	Lower	Upper
128	100		
49	218.0	152.2	228.2
130	129.4	105.8	158.6

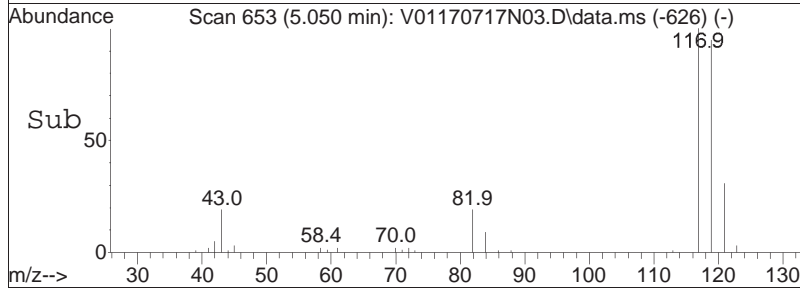
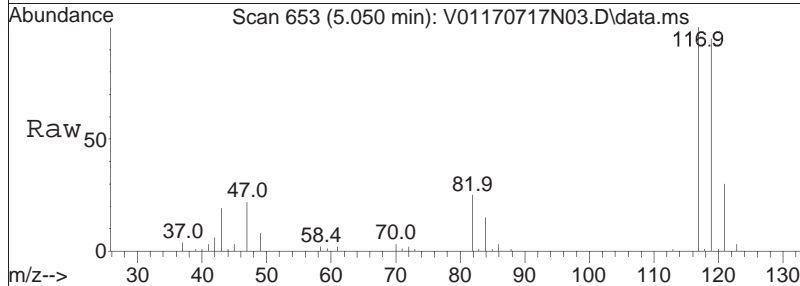
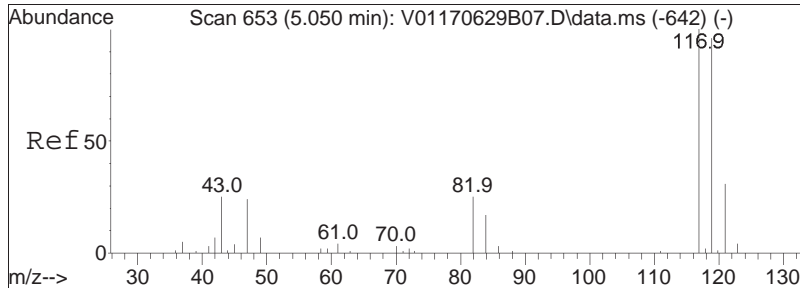




#32
 Chloroform
 Concen: 10.33 ug/L
 RT: 4.908 min Scan# 627
 Delta R.T. -0.005 min
 Lab File: V01170717N03.D
 Acq: 17 Jul 2017 9:08 pm

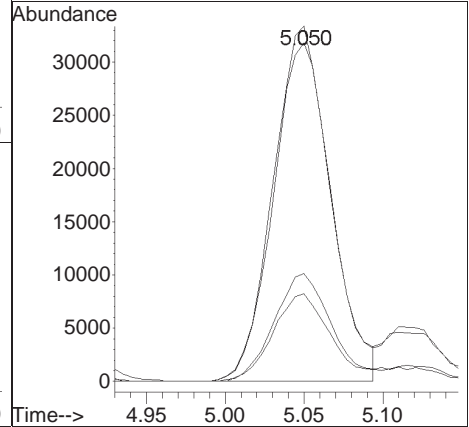
Tgt Ion:	83	Resp:	105138
Ion Ratio	Lower	Upper	
83	100		
85	65.5	42.0	87.2
47	28.4	17.6	36.6
48	14.4	9.4	19.4

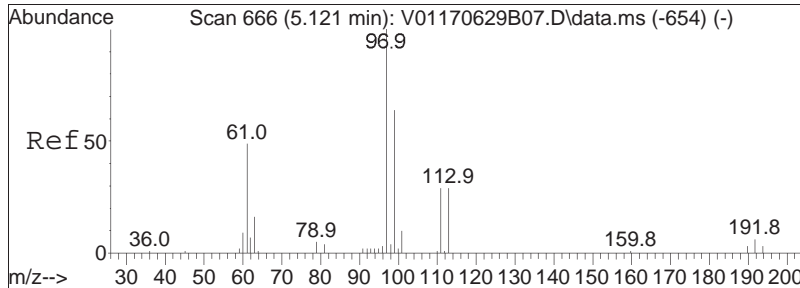




#34
 Carbon tetrachloride
 Concen: 10.76 ug/L
 RT: 5.050 min Scan# 653
 Delta R.T. -0.000 min
 Lab File: V01170717N03.D
 Acq: 17 Jul 2017 9:08 pm

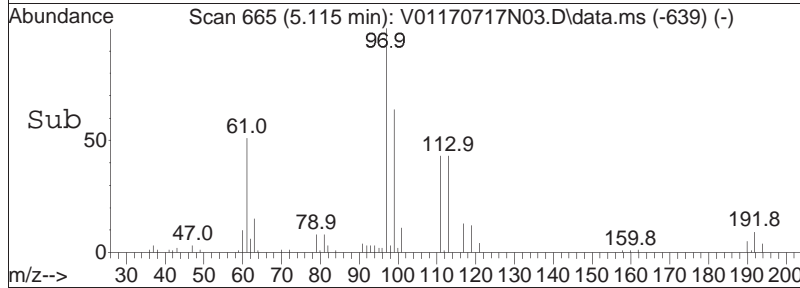
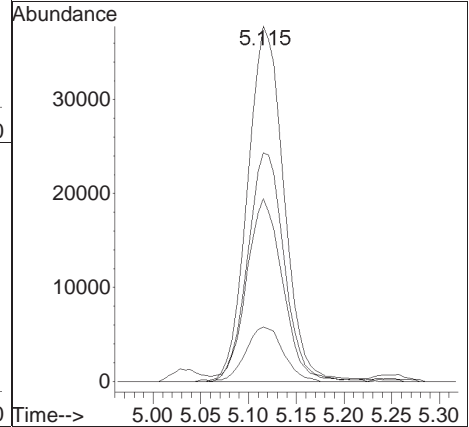
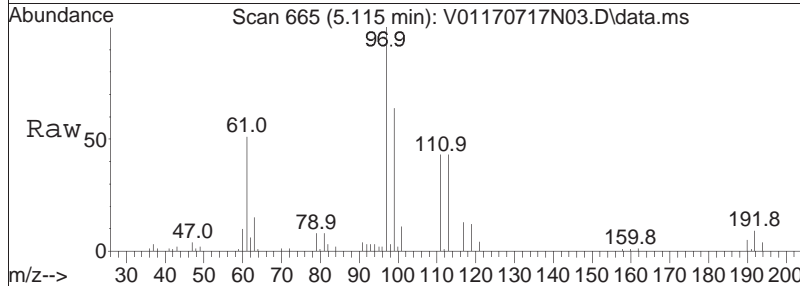
Tgt Ion	Resp	Lower	Upper
117	100		
119	97.1	62.5	129.9
121	30.8	19.9	41.3
82	24.9	18.2	37.8

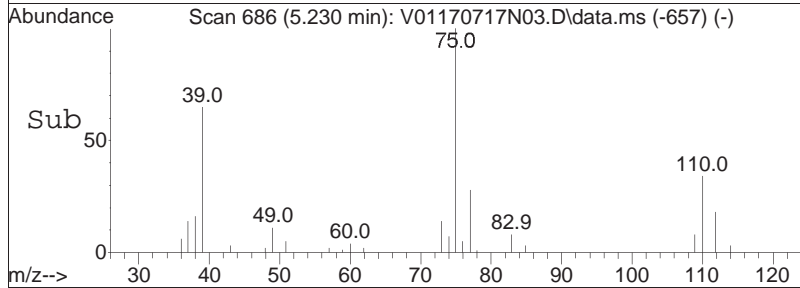
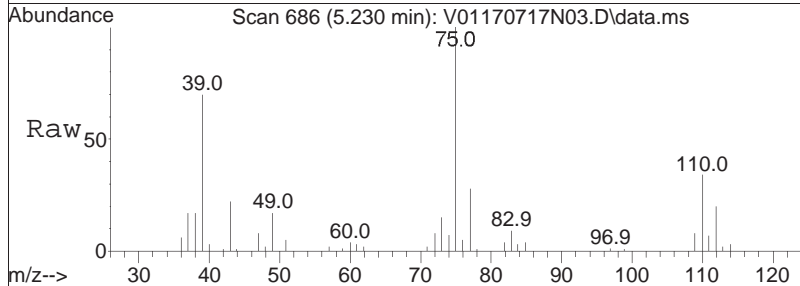
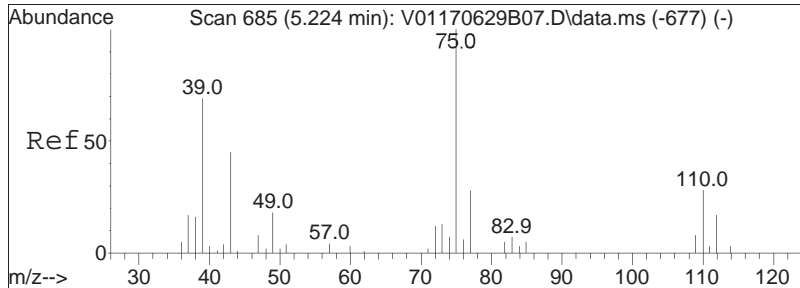




#37
 1,1,1-Trichloroethane
 Concen: 10.86 ug/L
 RT: 5.115 min Scan# 665
 Delta R.T. -0.006 min
 Lab File: V01170717N03.D
 Acq: 17 Jul 2017 9:08 pm

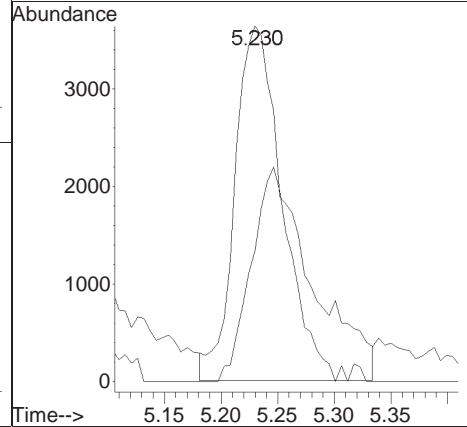
Tgt Ion	Resp	Lower	Upper
97	100238		
99	64.7	40.8	84.8
61	50.0	28.0	58.2
63	15.7	9.4	19.4

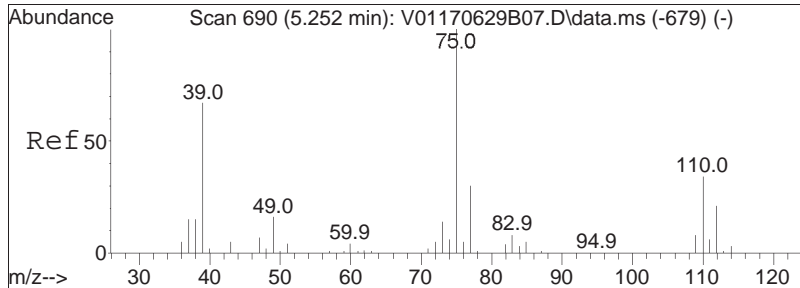




#39
 2-Butanone
 Concen: 8.54 ug/L M1
 RT: 5.230 min Scan# 686
 Delta R.T. 0.006 min
 Lab File: V01170717N03.D
 Acq: 17 Jul 2017 9:08 pm

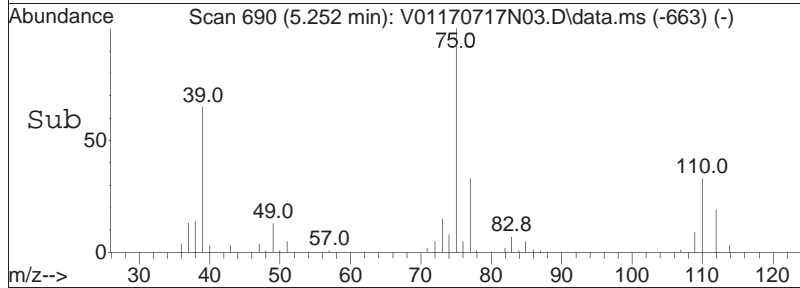
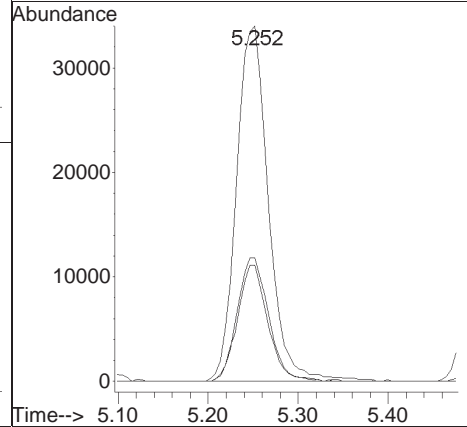
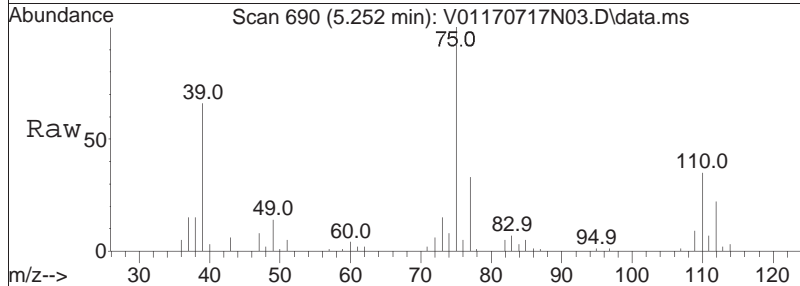
Tgt Ion: 43 Resp: 12974
 Ion Ratio Lower Upper
 43 100
 72 44.4 39.5 59.3

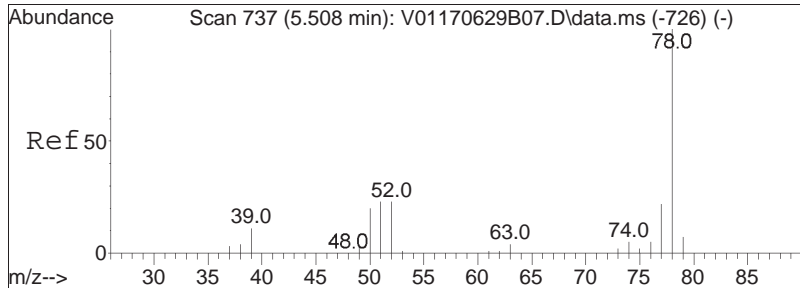




#40
 1,1-Dichloropropene
 Concen: 9.64 ug/L
 RT: 5.252 min Scan# 690
 Delta R.T. -0.000 min
 Lab File: V01170717N03.D
 Acq: 17 Jul 2017 9:08 pm

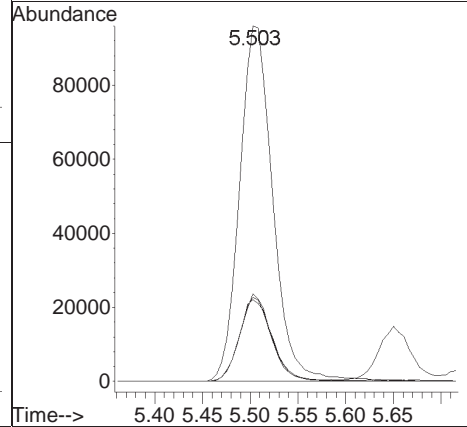
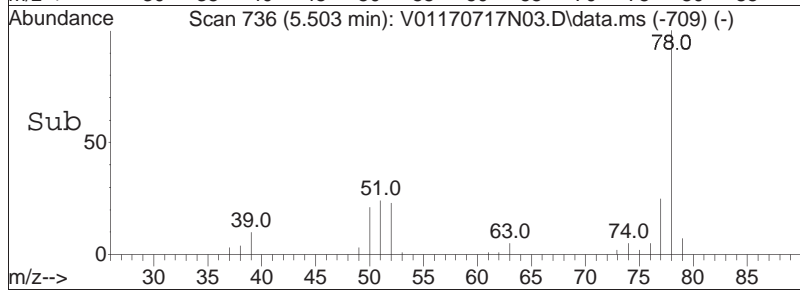
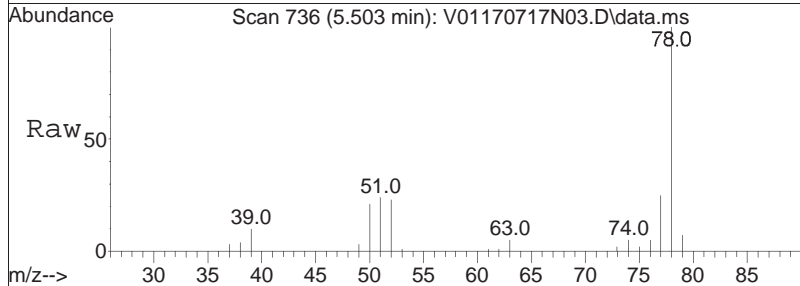
Tgt Ion	Resp	Lower	Upper
75	100		
110	34.1	21.8	45.4
77	31.1	20.0	41.4

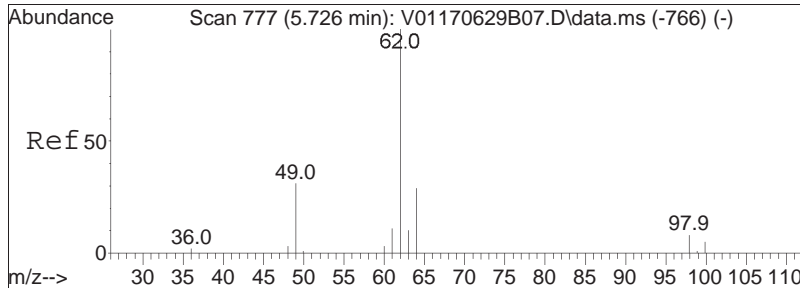




#41
 Benzene
 Concen: 9.37 ug/L
 RT: 5.503 min Scan# 736
 Delta R.T. -0.005 min
 Lab File: V01170717N03.D
 Acq: 17 Jul 2017 9:08 pm

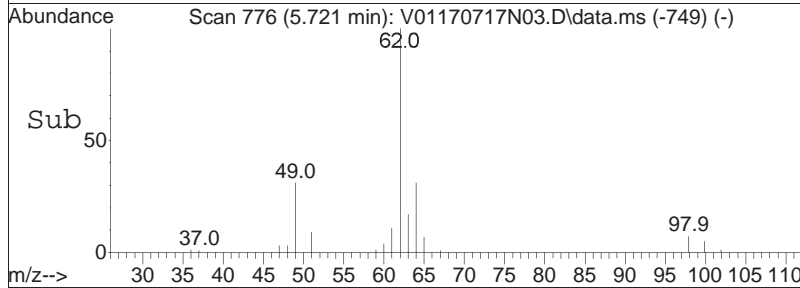
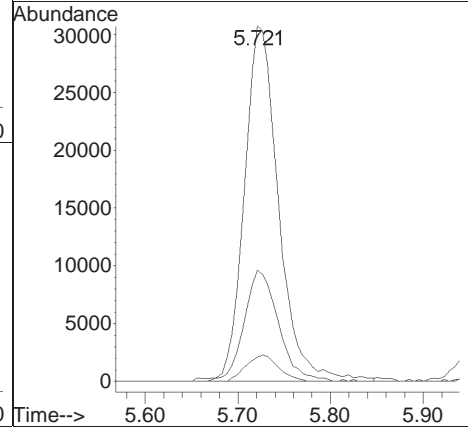
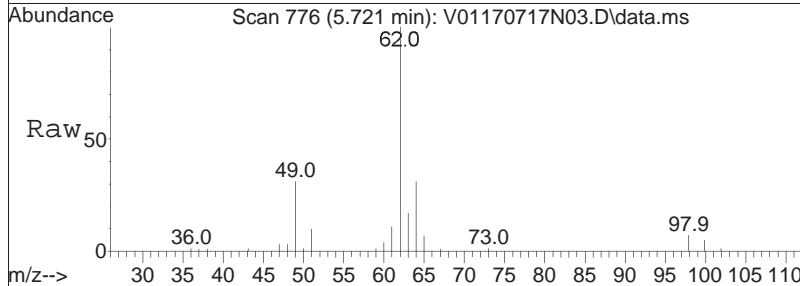
Tgt Ion	Resp	Lower	Upper
78	232547		
77	23.7	15.3	31.9
51	22.9	10.9	22.5#
52	22.8	10.1	20.9#

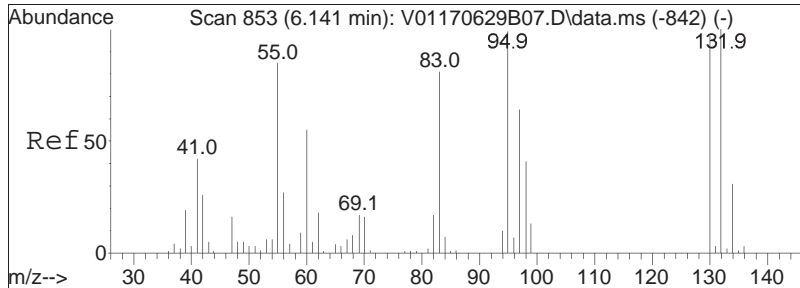




#44
 1,2-Dichloroethane
 Concen: 11.00 ug/L
 RT: 5.721 min Scan# 776
 Delta R.T. -0.005 min
 Lab File: V01170717N03.D
 Acq: 17 Jul 2017 9:08 pm

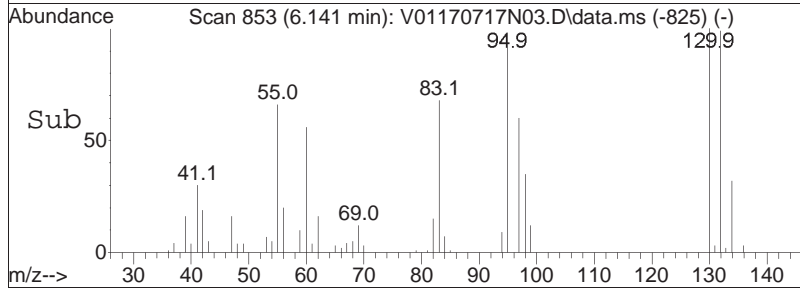
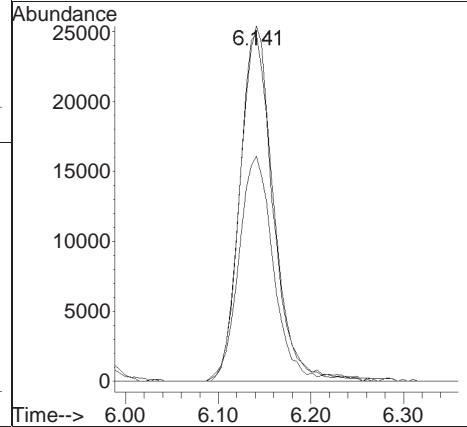
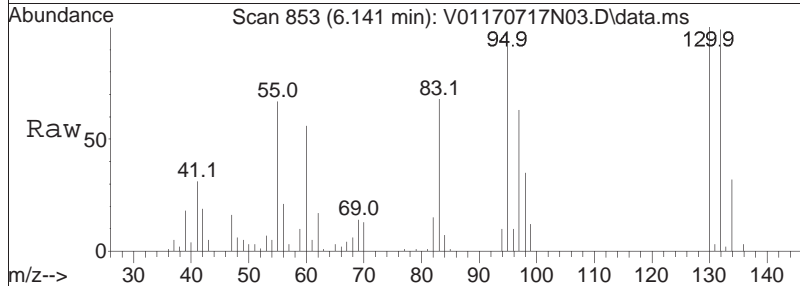
Tgt Ion:	Resp:		
Ion Ratio	Lower	Upper	
62	100		
64	31.3	13.7	53.7
98	7.1	0.0	29.0

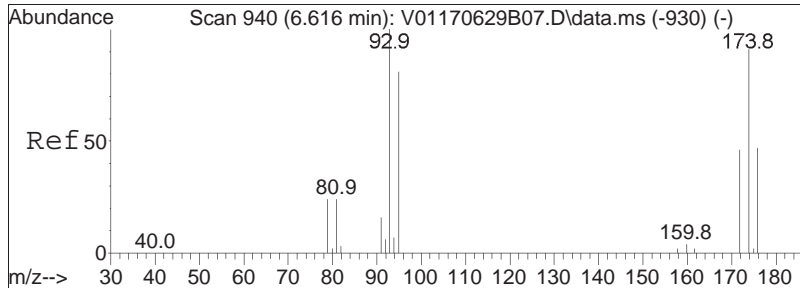




#48
 Trichloroethene
 Concen: 10.03 ug/L
 RT: 6.141 min Scan# 853
 Delta R.T. 0.000 min
 Lab File: V01170717N03.D
 Acq: 17 Jul 2017 9:08 pm

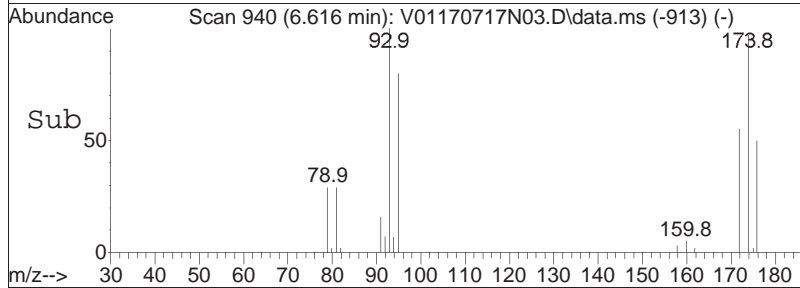
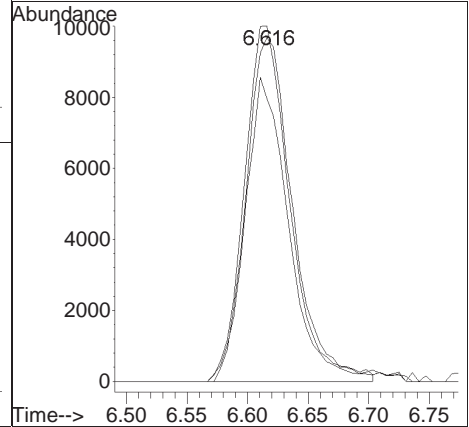
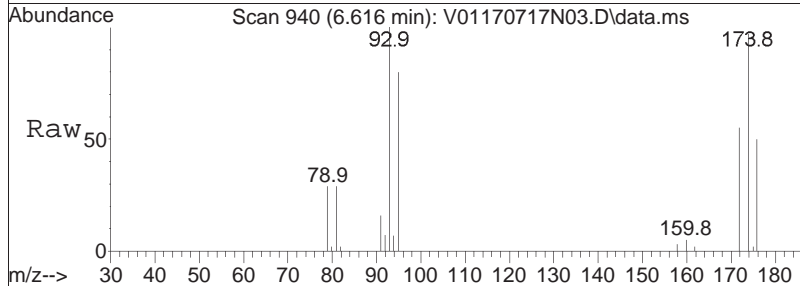
Tgt Ion	Resp	Lower	Upper
95	100		
97	67.2	55.1	82.7
130	101.7	71.9	107.9

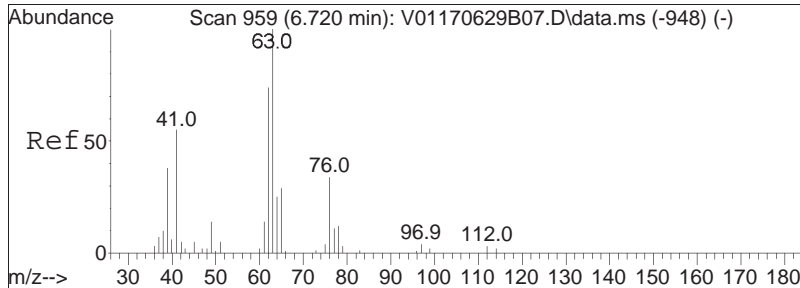




#50
 Dibromomethane
 Concen: 10.52 ug/L
 RT: 6.616 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: V01170717N03.D
 Acq: 17 Jul 2017 9:08 pm

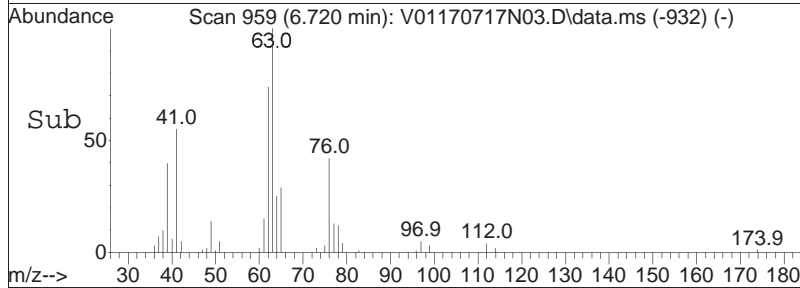
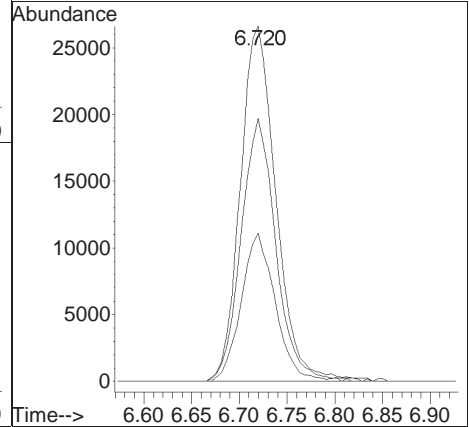
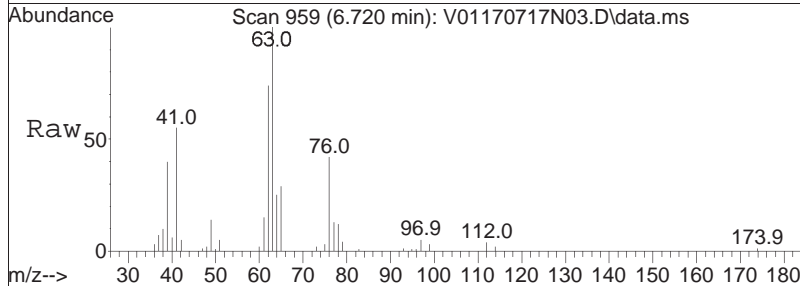
Tgt Ion:	93	Resp:	26093
Ion Ratio	Lower	Upper	
93	100		
95	81.9	65.9	98.9
174	100.2	68.5	102.7

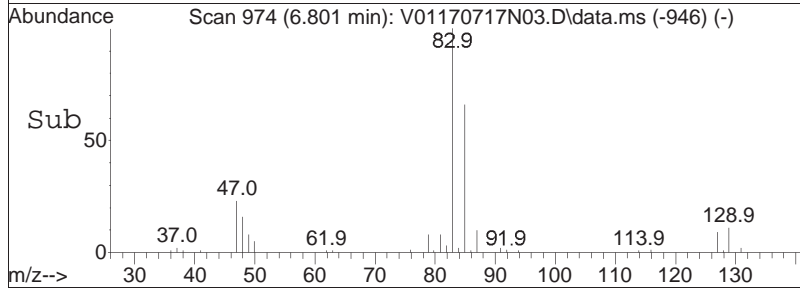
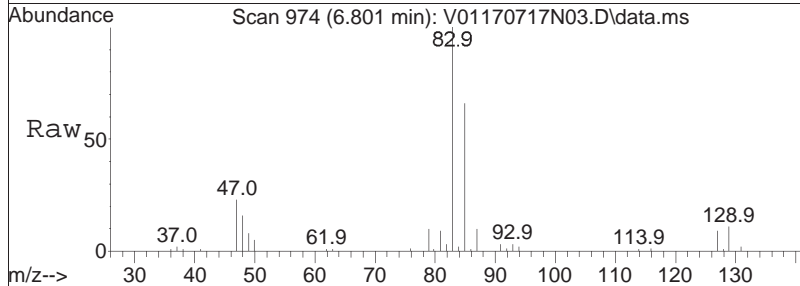
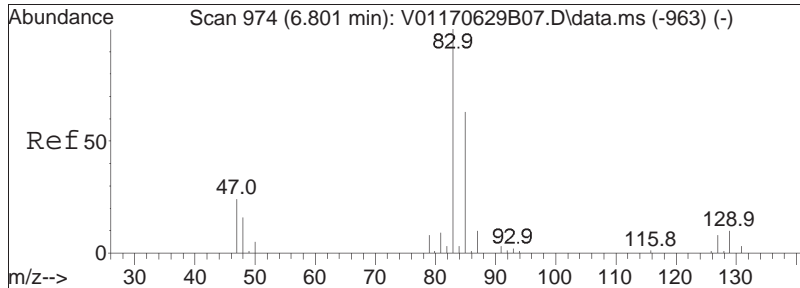




#51
 1,2-Dichloropropane
 Concen: 9.28 ug/L
 RT: 6.720 min Scan# 959
 Delta R.T. -0.000 min
 Lab File: V01170717N03.D
 Acq: 17 Jul 2017 9:08 pm

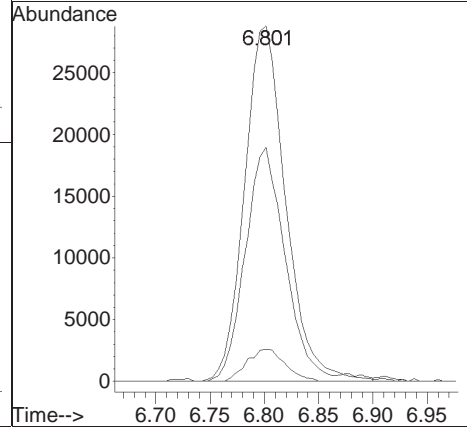
Tgt Ion:	Resp:		
Ion Ratio	Lower	Upper	
63	100		
62	71.8	57.1	85.7
76	40.1	35.3	52.9

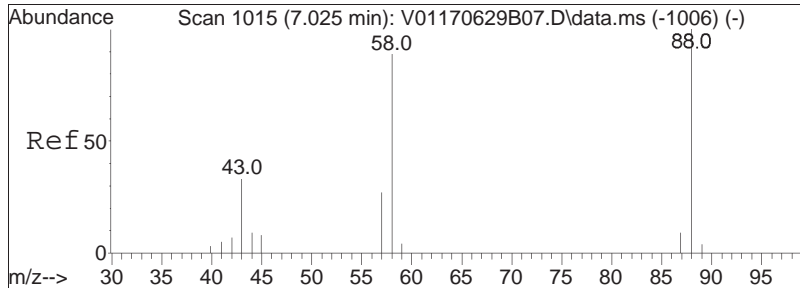




#54
 Bromodichloromethane
 Concen: 10.50 ug/L
 RT: 6.801 min Scan# 974
 Delta R.T. 0.000 min
 Lab File: V01170717N03.D
 Acq: 17 Jul 2017 9:08 pm

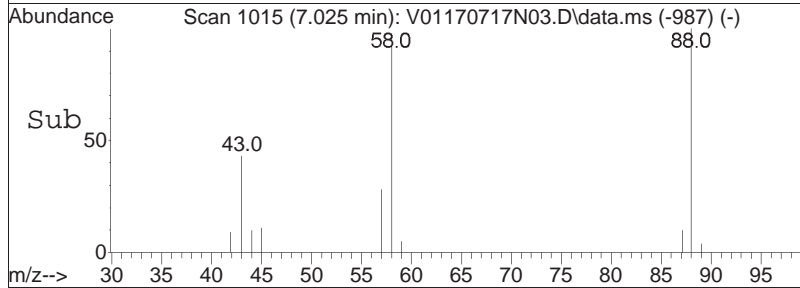
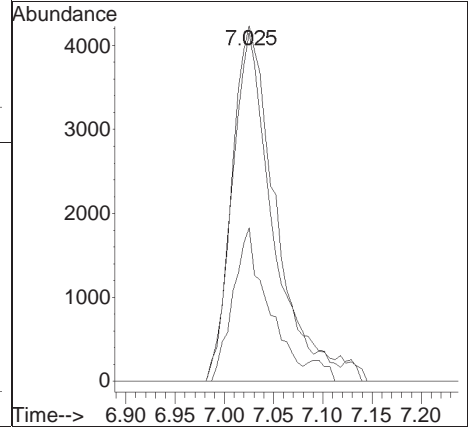
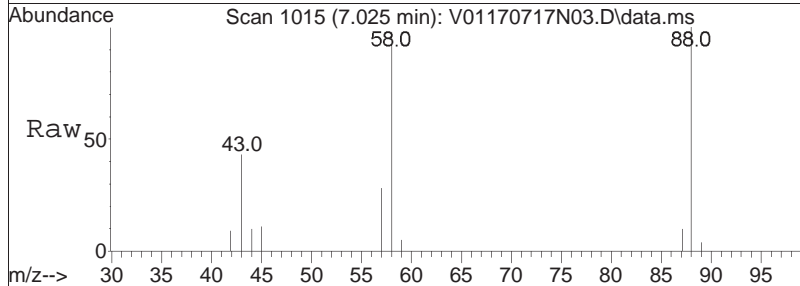
Tgt Ion	Resp	Lower	Upper
83	76161		
85	64.9	50.7	76.1
127	8.4	6.3	9.5

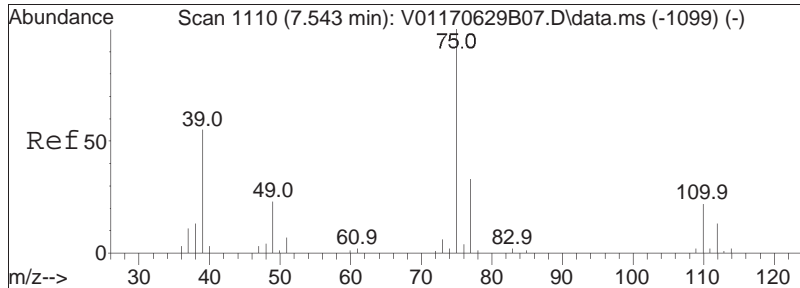




#57
 1,4-Dioxane
 Concen: 557.08 ug/L
 RT: 7.025 min Scan# 1015
 Delta R.T. 0.000 min
 Lab File: V01170717N03.D
 Acq: 17 Jul 2017 9:08 pm

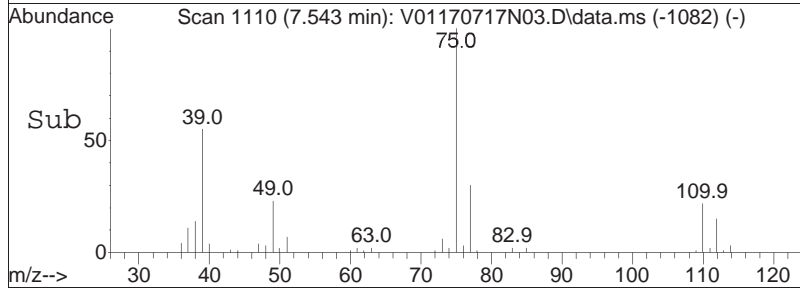
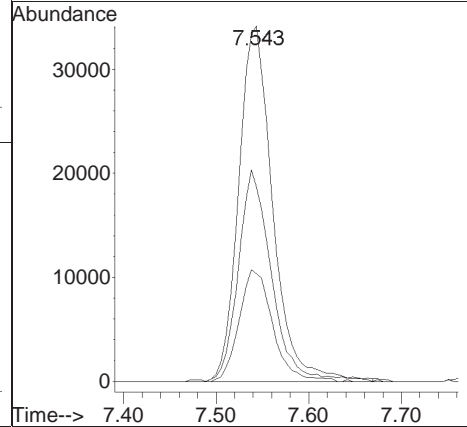
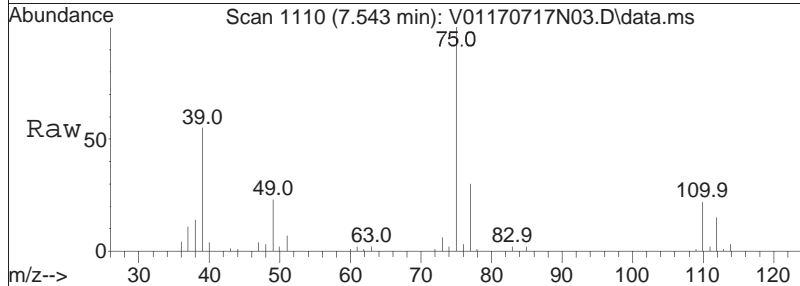
Tgt Ion	Resp	Lower	Upper
88	13273		
88	100		
58	89.7	53.5	80.3#
43	34.1	28.6	42.8

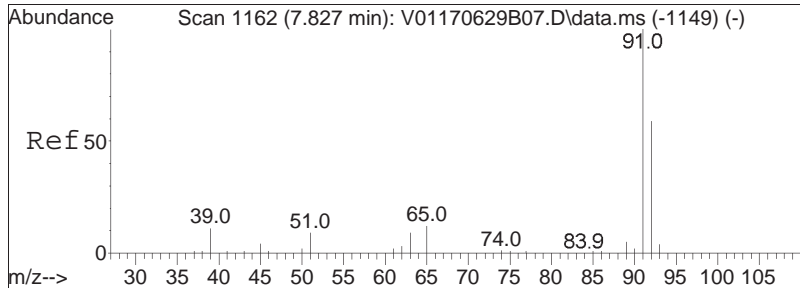




#58
 cis-1,3-Dichloropropene
 Concen: 10.22 ug/L
 RT: 7.543 min Scan# 1110
 Delta R.T. 0.000 min
 Lab File: V01170717N03.D
 Acq: 17 Jul 2017 9:08 pm

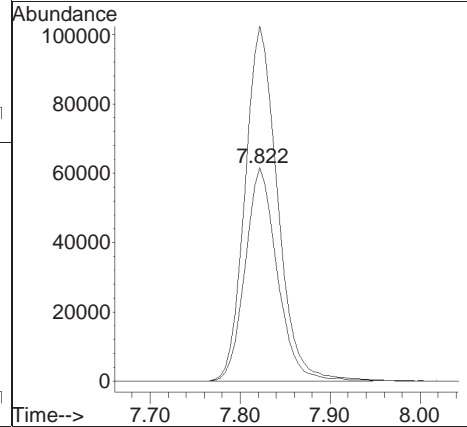
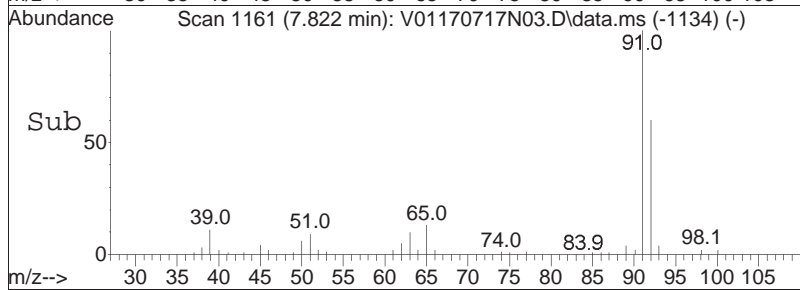
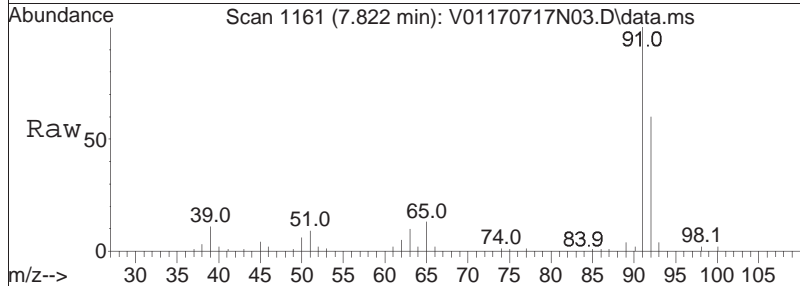
Tgt Ion	Resp	Lower	Upper
75	100		
77	30.9	25.4	38.2
39	57.8	42.1	63.1

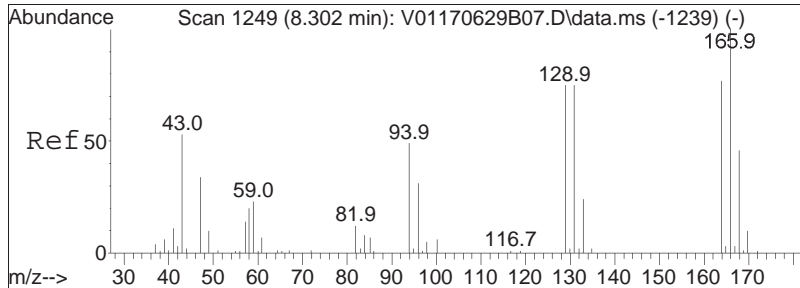




#61
 Toluene
 Concen: 9.10 ug/L
 RT: 7.822 min Scan# 1161
 Delta R.T. -0.005 min
 Lab File: V01170717N03.D
 Acq: 17 Jul 2017 9:08 pm

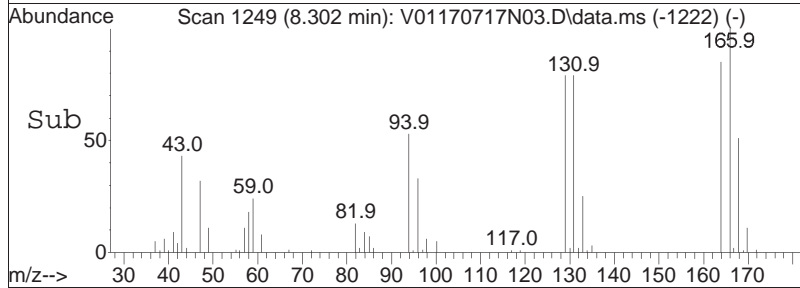
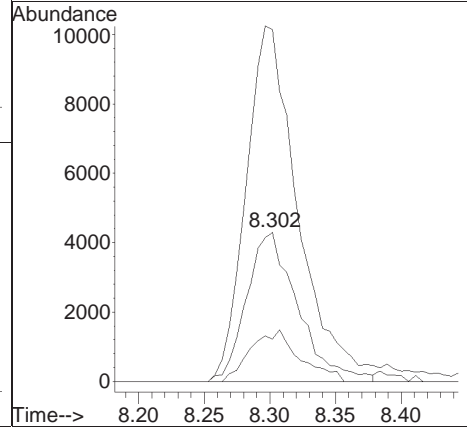
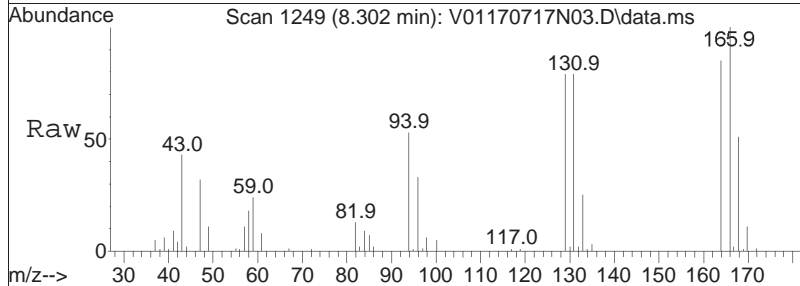
Tgt Ion:	Resp:	Lower	Upper
92	153467		
91	167.9	138.6	207.8

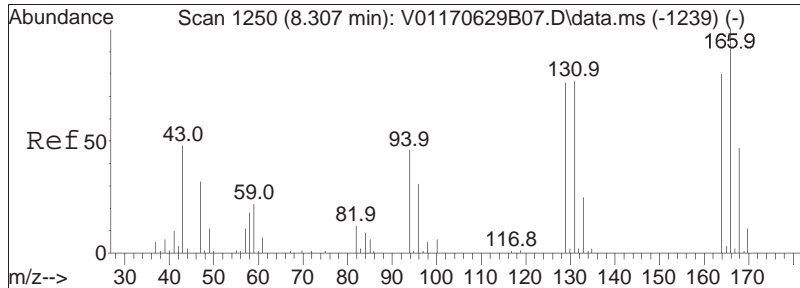




#62
 4-Methyl-2-pentanone
 Concen: 7.86 ug/L
 RT: 8.302 min Scan# 1249
 Delta R.T. -0.000 min
 Lab File: V01170717N03.D
 Acq: 17 Jul 2017 9:08 pm

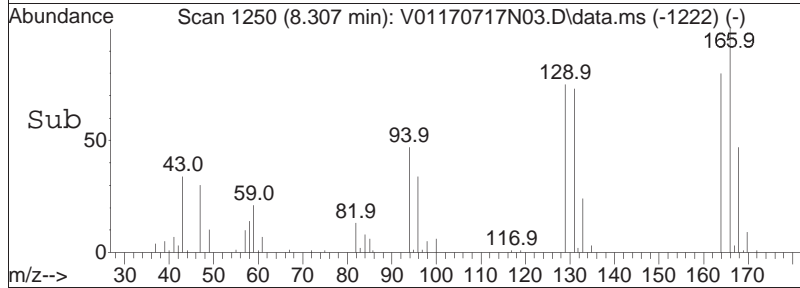
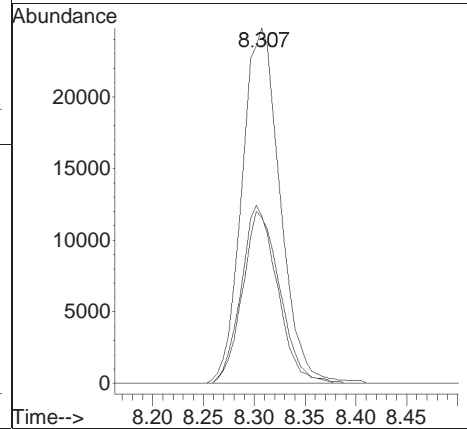
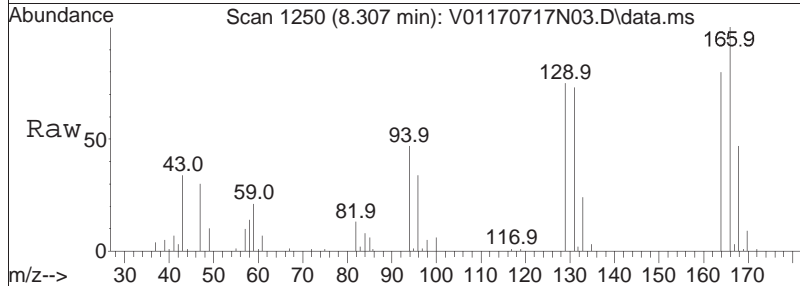
Tgt Ion	Resp	Lower	Upper
58	11635		
58	100		
100	33.1	31.1	46.7
43	250.0	217.6	326.4

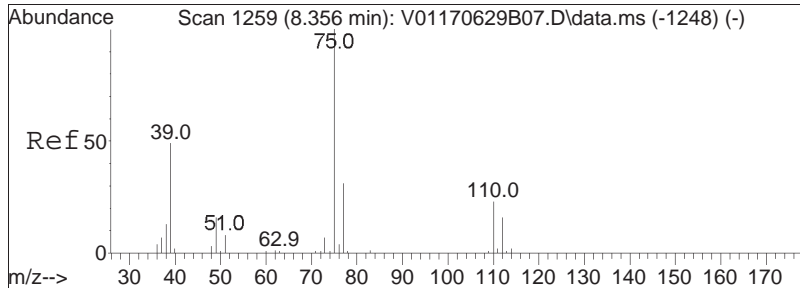




#63
 Tetrachloroethene
 Concen: 9.96 ug/L
 RT: 8.307 min Scan# 1250
 Delta R.T. 0.000 min
 Lab File: V01170717N03.D
 Acq: 17 Jul 2017 9:08 pm

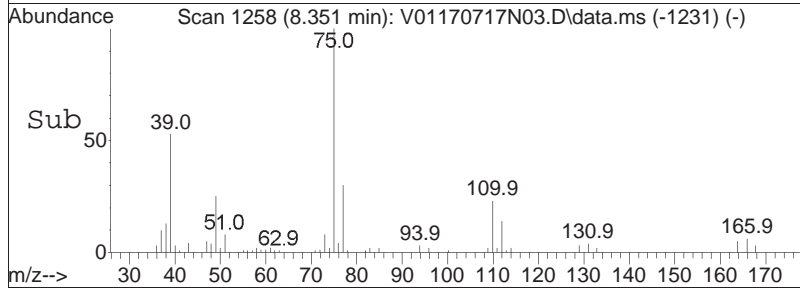
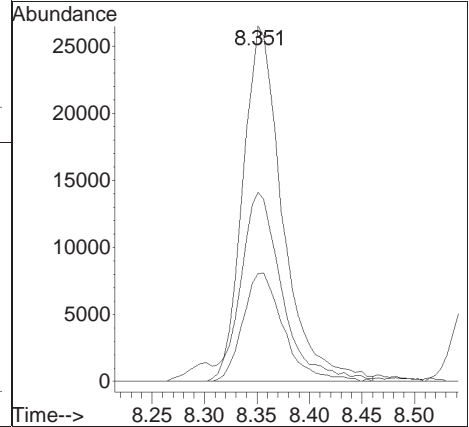
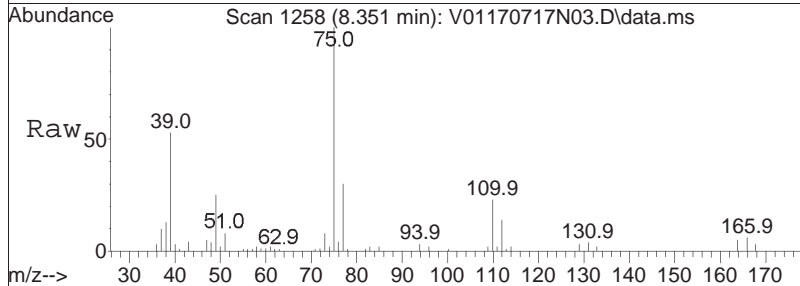
Tgt Ion	Ratio	Lower	Upper
166	100		
168	47.4	26.8	66.8
94	47.5	33.1	73.1

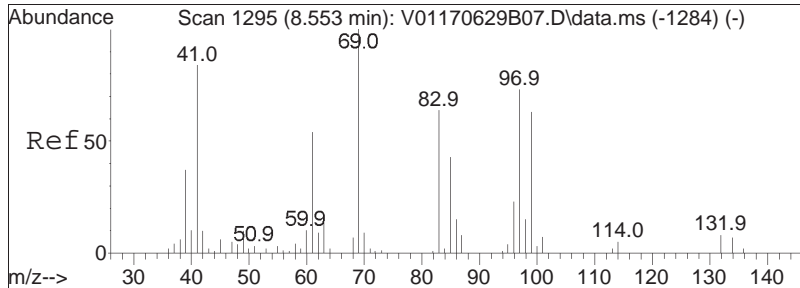




#65
 trans-1,3-Dichloropropene
 Concen: 8.86 ug/L
 RT: 8.351 min Scan# 1258
 Delta R.T. -0.005 min
 Lab File: V01170717N03.D
 Acq: 17 Jul 2017 9:08 pm

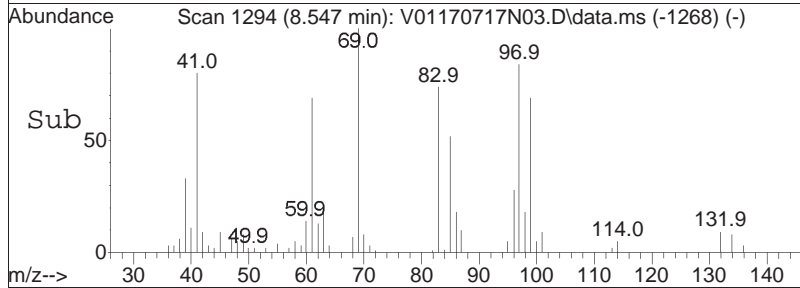
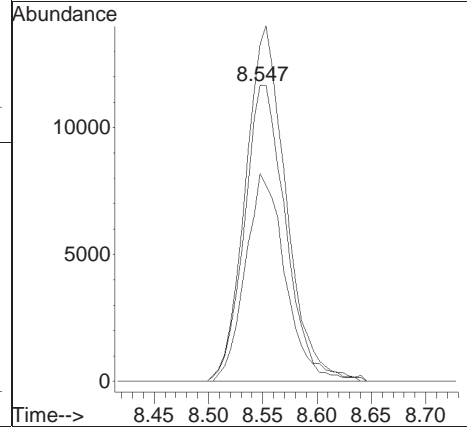
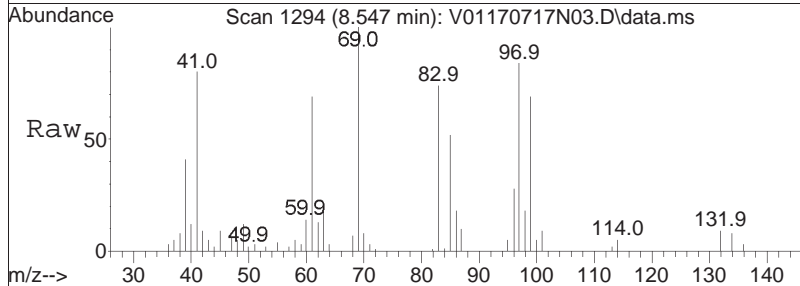
Tgt Ion:	Resp:		
Ion Ratio	Lower	Upper	
75	100		
77	31.3	11.8	51.8
39	53.6	34.7	74.7

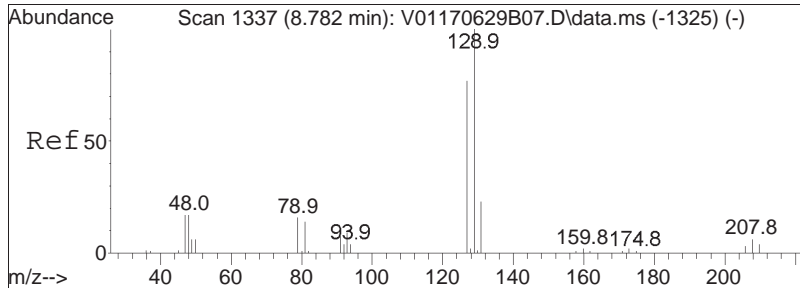




#68
 1,1,2-Trichloroethane
 Concen: 9.09 ug/L
 RT: 8.547 min Scan# 1294
 Delta R.T. -0.006 min
 Lab File: V01170717N03.D
 Acq: 17 Jul 2017 9:08 pm

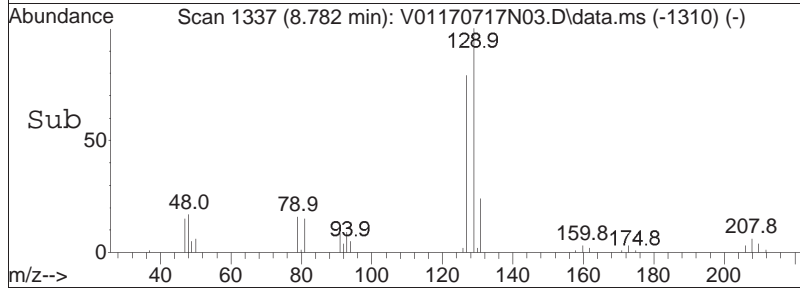
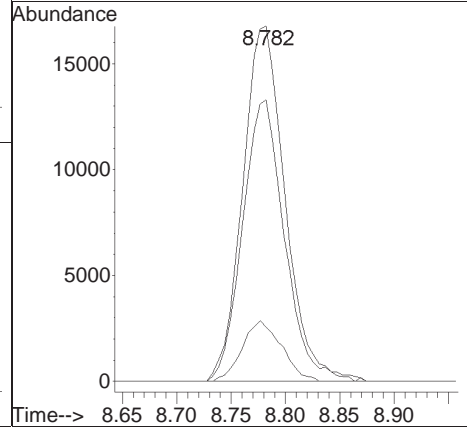
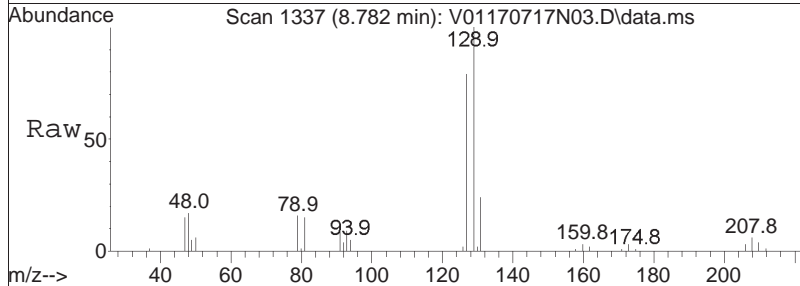
Tgt Ion:	83	Resp:	30962
Ion Ratio	Lower	Upper	
83	100		
97	117.7	99.6	139.6
85	67.8	46.7	86.7

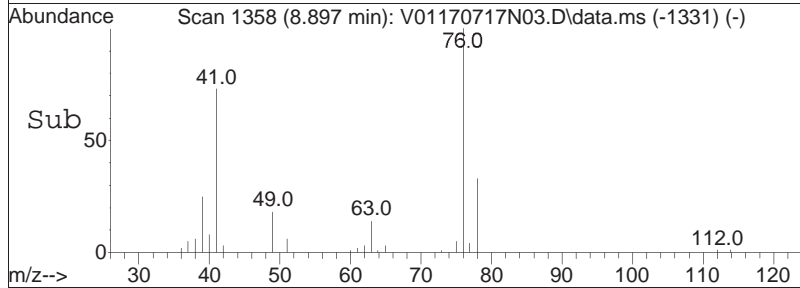
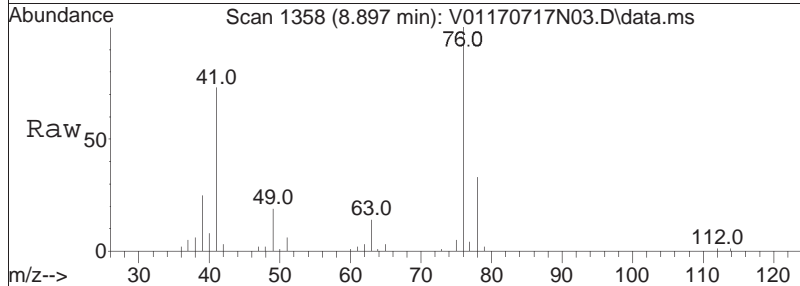
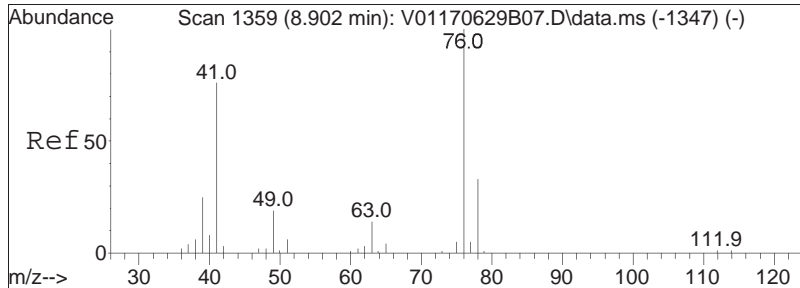




#69
 Chlorodibromomethane
 Concen: 10.19 ug/L
 RT: 8.782 min Scan# 1337
 Delta R.T. 0.000 min
 Lab File: V01170717N03.D
 Acq: 17 Jul 2017 9:08 pm

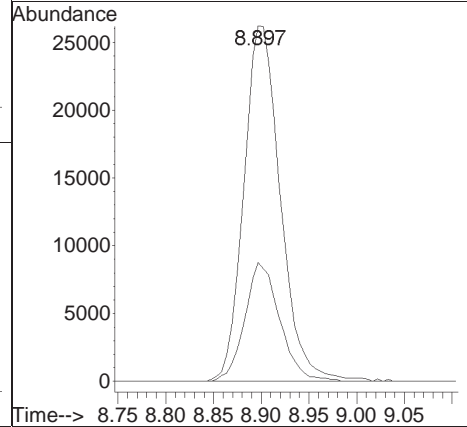
Tgt Ion	Resp	Lower	Upper
129	45598		
129	100		
81	15.9	0.7	40.7
127	78.2	59.8	99.8

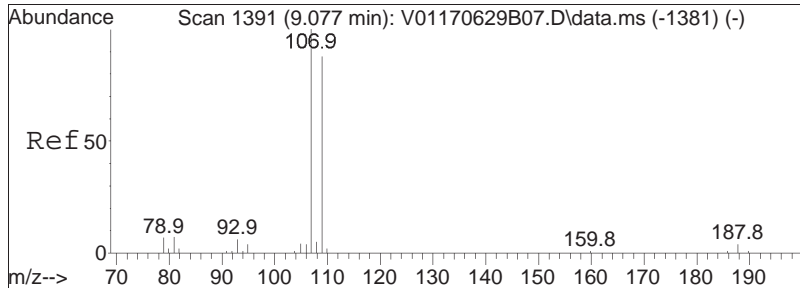




#70
 1,3-Dichloropropane
 Concen: 9.33 ug/L
 RT: 8.897 min Scan# 1358
 Delta R.T. -0.005 min
 Lab File: V01170717N03.D
 Acq: 17 Jul 2017 9:08 pm

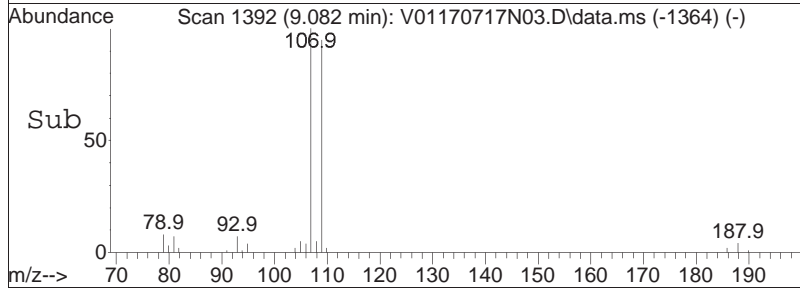
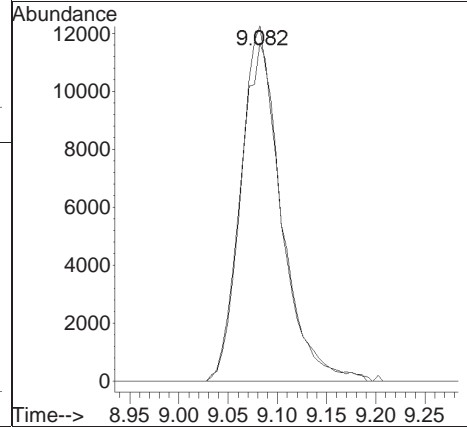
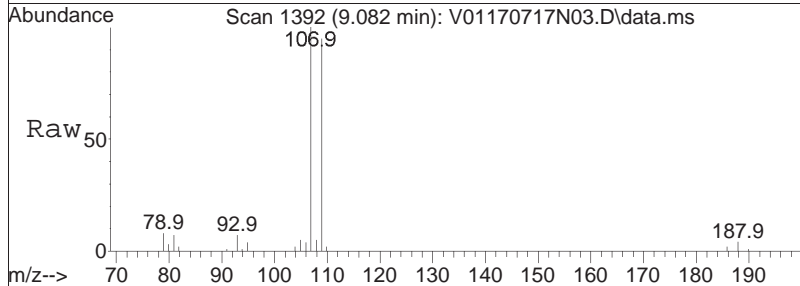
Tgt Ion:	Resp:	Lower	Upper
76	100		
78	31.9	25.6	38.4

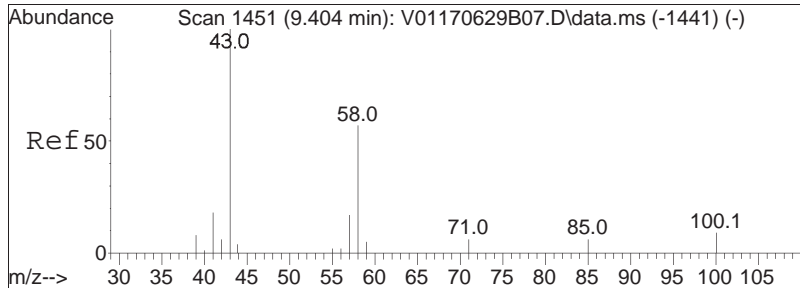




#71
 1,2-Dibromoethane
 Concen: 10.08 ug/L
 RT: 9.082 min Scan# 1392
 Delta R.T. 0.005 min
 Lab File: V01170717N03.D
 Acq: 17 Jul 2017 9:08 pm

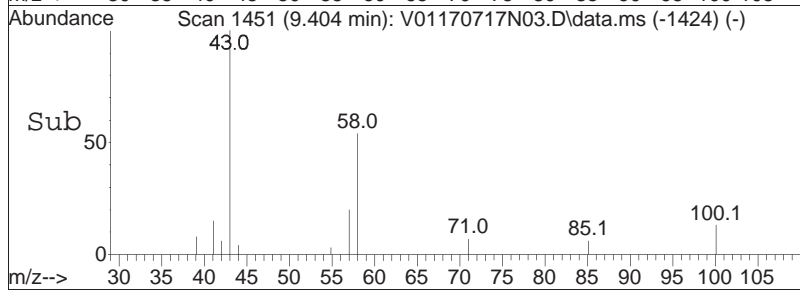
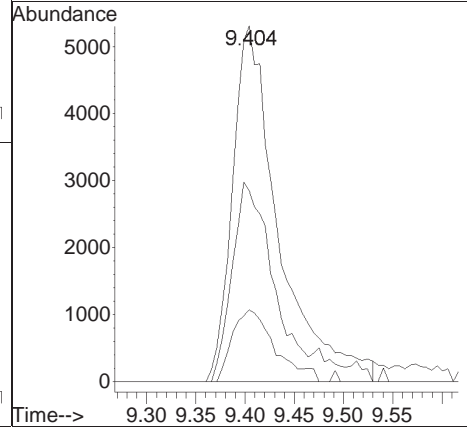
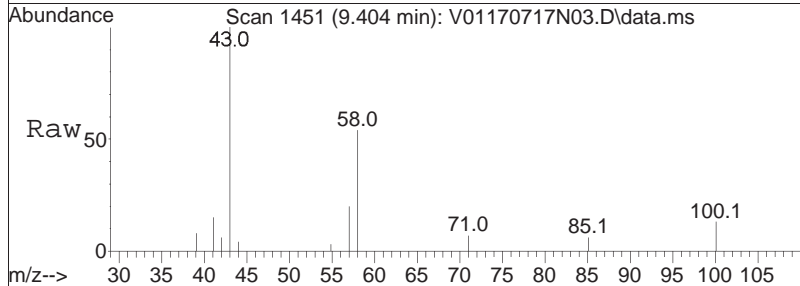
Tgt Ion	Resp	Lower	Upper
107	35277		
109	95.6	74.3	111.5

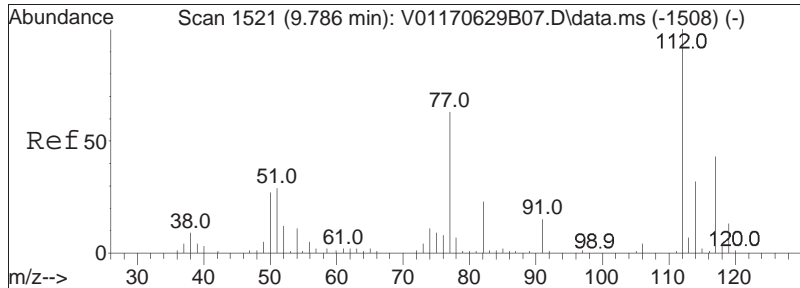




#72
 2-Hexanone
 Concen: 7.60 ug/L
 RT: 9.404 min Scan# 1451
 Delta R.T. 0.000 min
 Lab File: V01170717N03.D
 Acq: 17 Jul 2017 9:08 pm

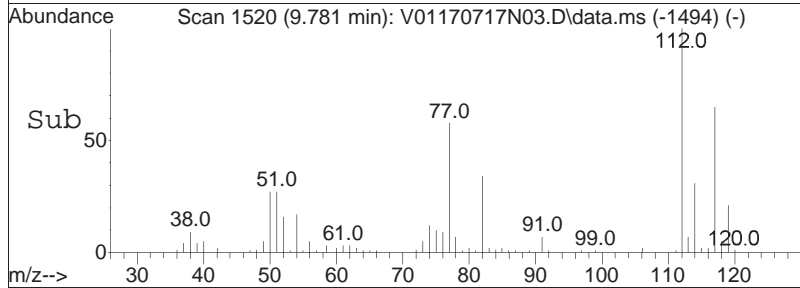
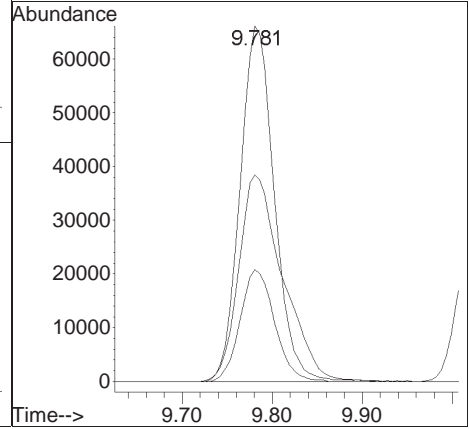
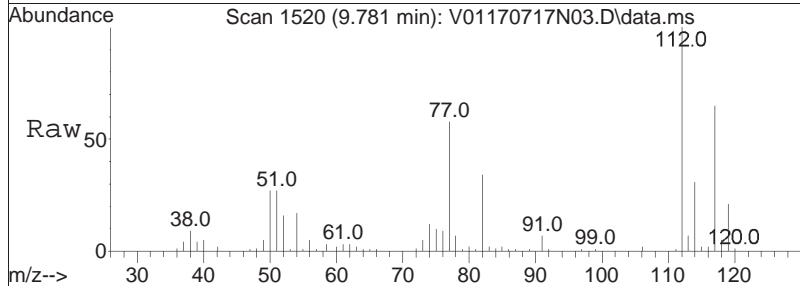
Tgt Ion:	43	58	57	Resp:	17294	Lower	Upper
Ion Ratio	100	49.5	18.6			38.9	58.3

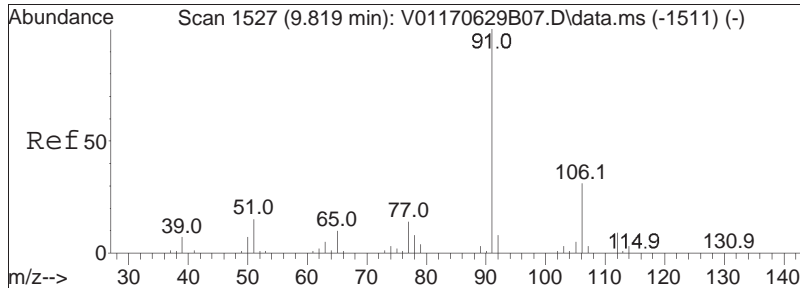




#73
 Chlorobenzene
 Concen: 9.45 ug/L
 RT: 9.781 min Scan# 1520
 Delta R.T. -0.005 min
 Lab File: V01170717N03.D
 Acq: 17 Jul 2017 9:08 pm

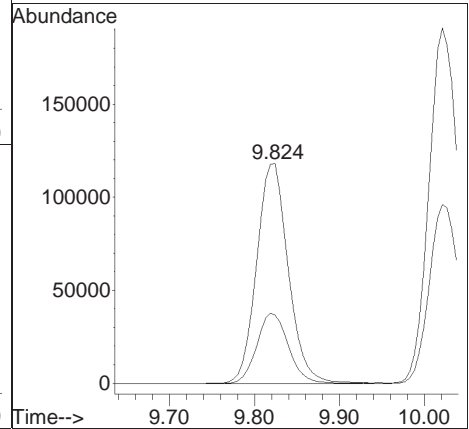
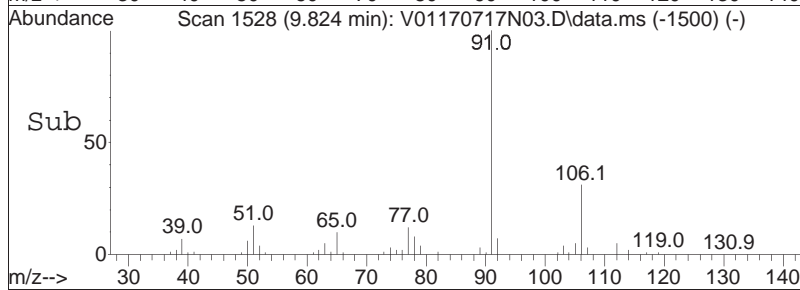
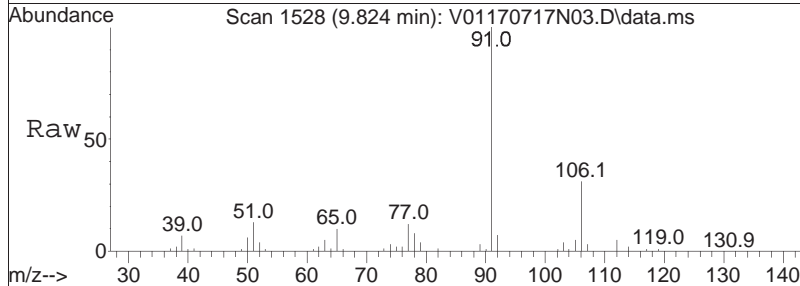
Tgt Ion	Ratio	Lower	Upper
112	100		
77	74.5	62.7	94.1
114	31.5	25.6	38.4

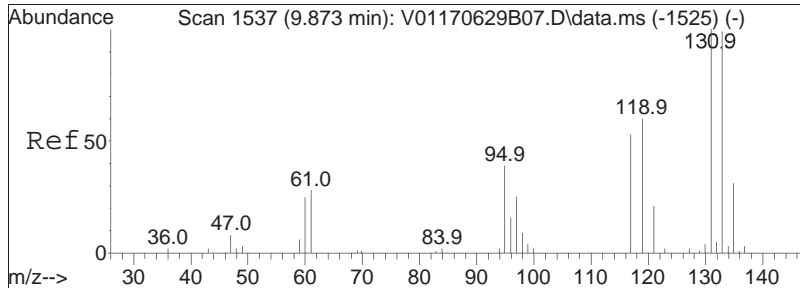




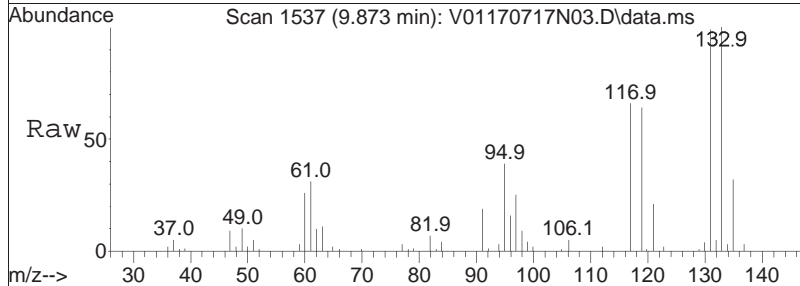
#74
 Ethylbenzene
 Concen: 9.18 ug/L
 RT: 9.824 min Scan# 1528
 Delta R.T. 0.005 min
 Lab File: V01170717N03.D
 Acq: 17 Jul 2017 9:08 pm

Tgt Ion: 91 Resp: 305413
 Ion Ratio Lower Upper
 91 100
 106 31.7 23.5 35.3

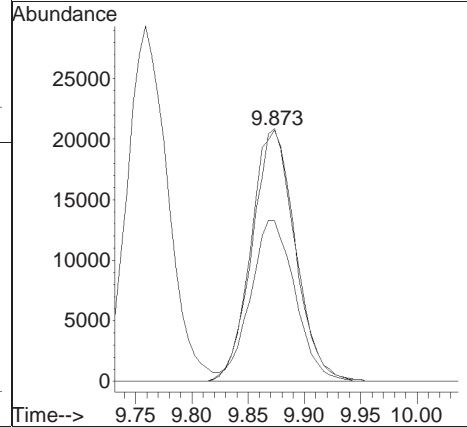
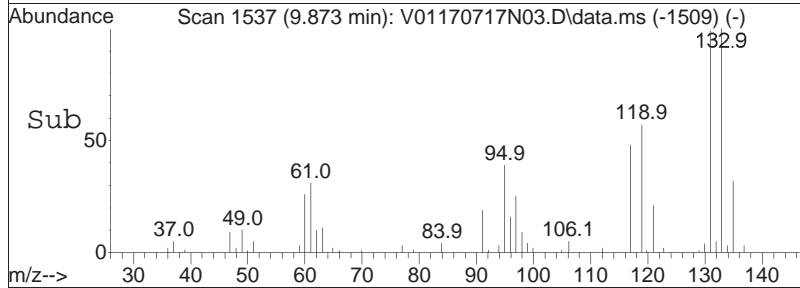


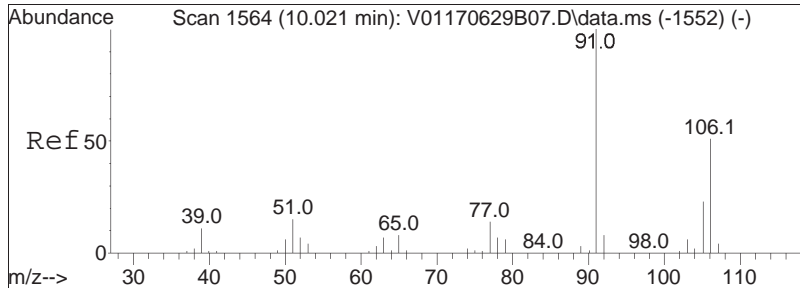


#75
 1,1,1,2-Tetrachloroethane
 Concen: 9.96 ug/L
 RT: 9.873 min Scan# 1537
 Delta R.T. 0.000 min
 Lab File: V01170717N03.D
 Acq: 17 Jul 2017 9:08 pm



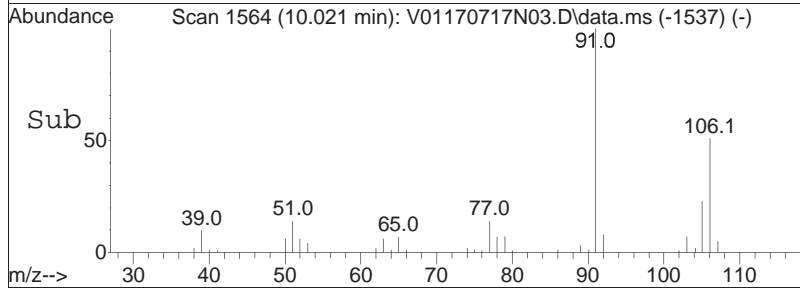
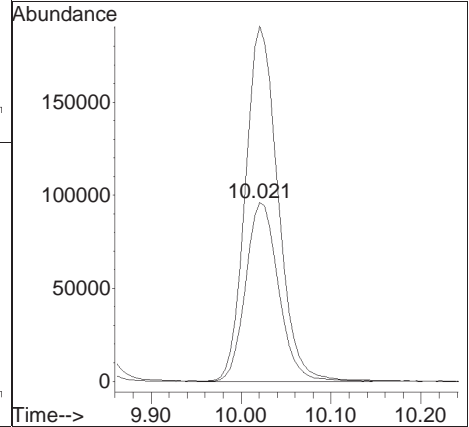
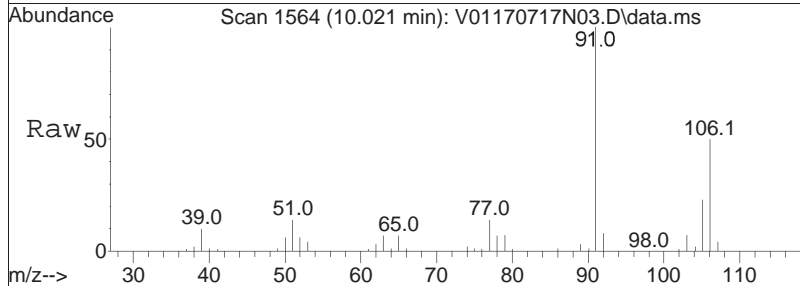
Tgt Ion	Resp	Lower	Upper
131	100		
133	97.5	77.6	117.6
119	64.5	47.4	87.4

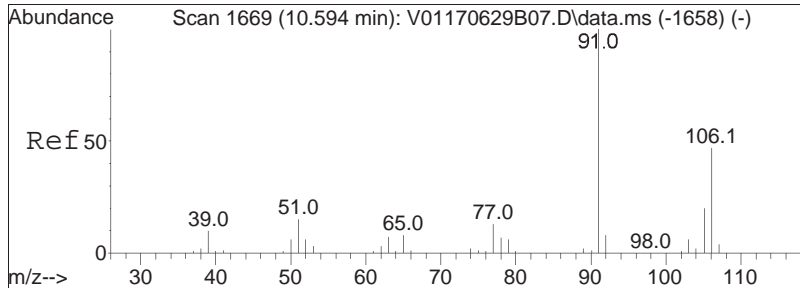




#76
 p/m Xylene
 Concen: 18.92 ug/L
 RT: 10.021 min Scan# 1564
 Delta R.T. -0.000 min
 Lab File: V01170717N03.D
 Acq: 17 Jul 2017 9:08 pm

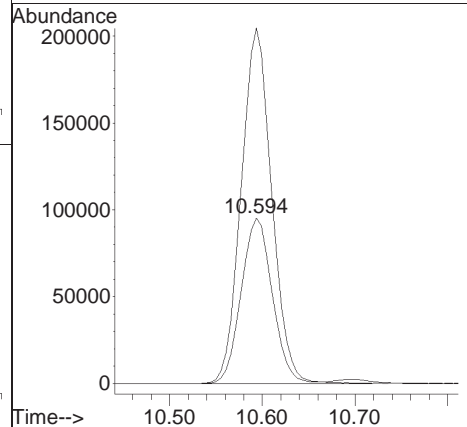
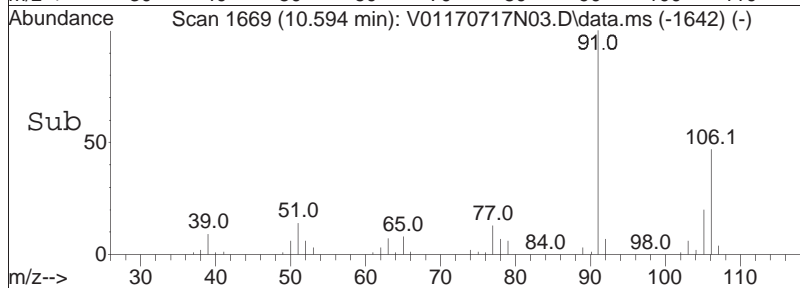
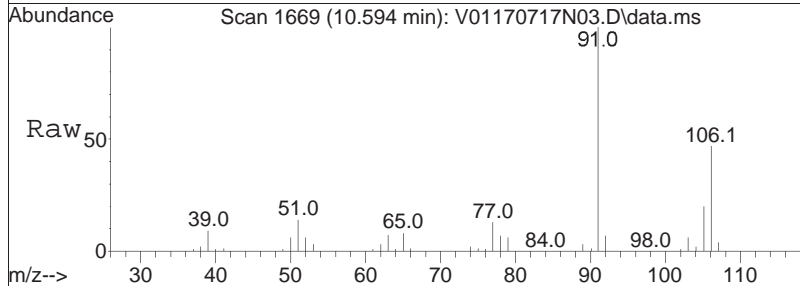
Tgt Ion	Resp	Lower	Upper
106	100		
91	195.9	174.8	262.2

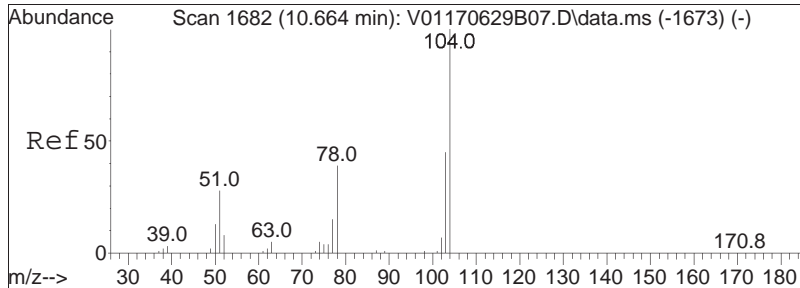




#77
 o Xylene
 Concen: 18.89 ug/L
 RT: 10.594 min Scan# 1669
 Delta R.T. -0.000 min
 Lab File: V01170717N03.D
 Acq: 17 Jul 2017 9:08 pm

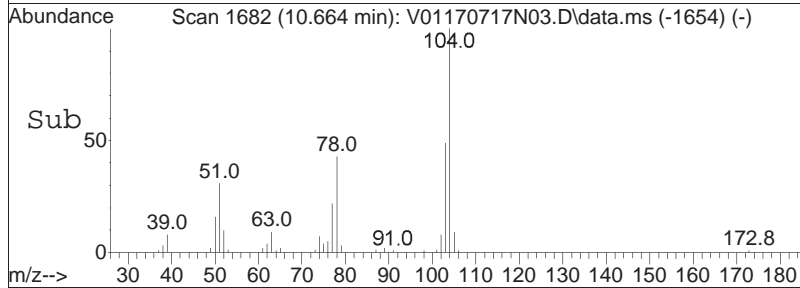
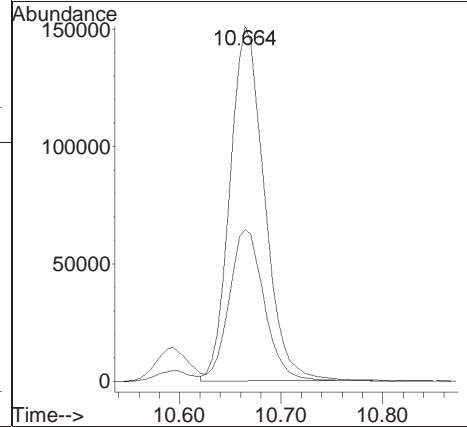
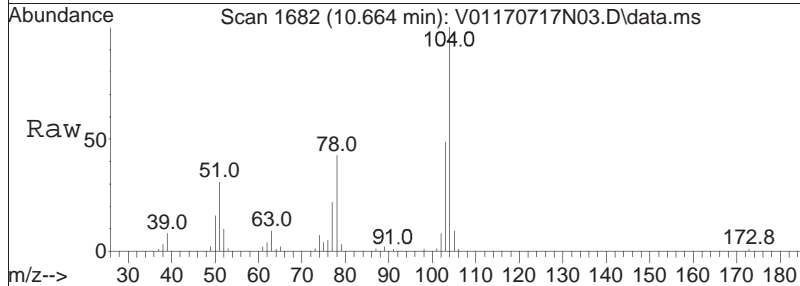
Tgt Ion: 106 Resp: 223042
 Ion Ratio Lower Upper
 106 100
 91 209.0 184.5 276.7

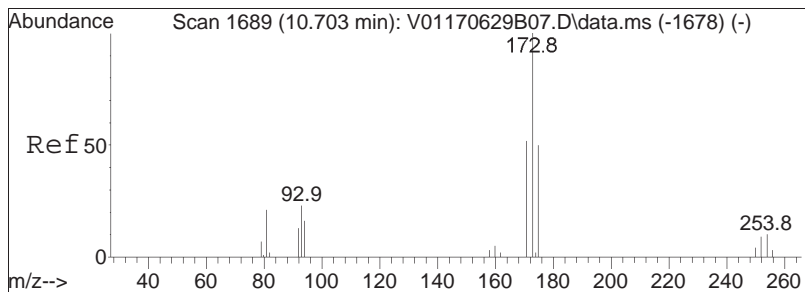




#78
 Styrene
 Concen: 19.08 ug/L
 RT: 10.664 min Scan# 1682
 Delta R.T. 0.000 min
 Lab File: V01170717N03.D
 Acq: 17 Jul 2017 9:08 pm

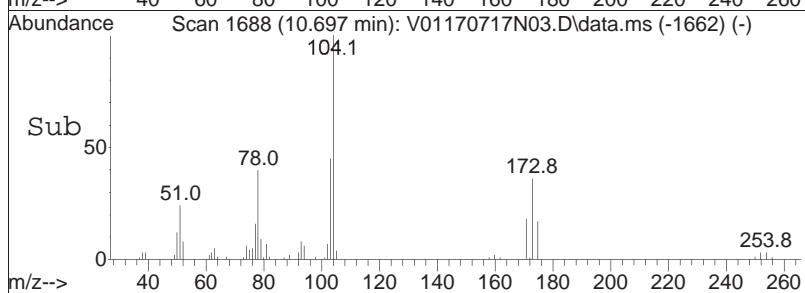
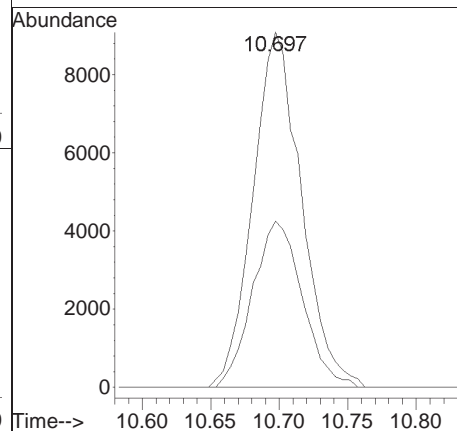
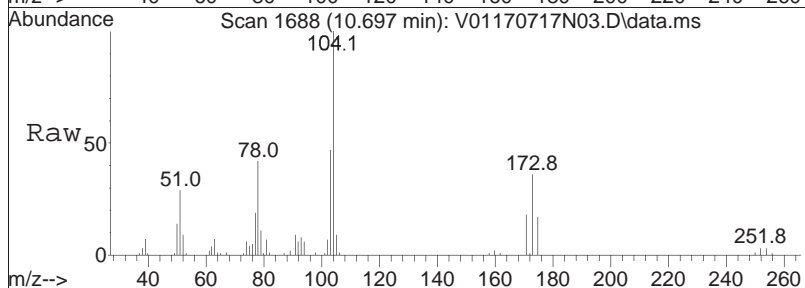
Tgt Ion	Ratio	Lower	Upper
104	100		
78	43.4	36.4	54.6

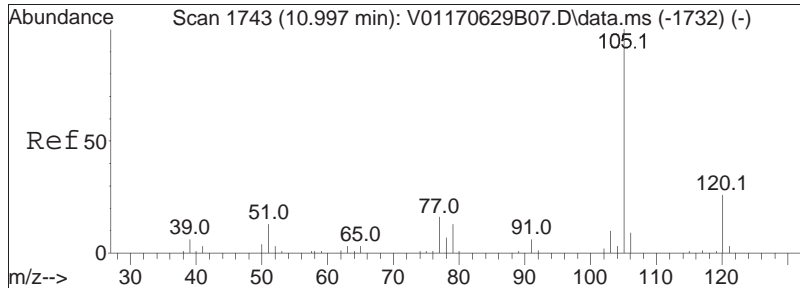




#80
 Bromoform
 Concen: 9.62 ug/L
 RT: 10.697 min Scan# 1688
 Delta R.T. -0.006 min
 Lab File: V01170717N03.D
 Acq: 17 Jul 2017 9:08 pm

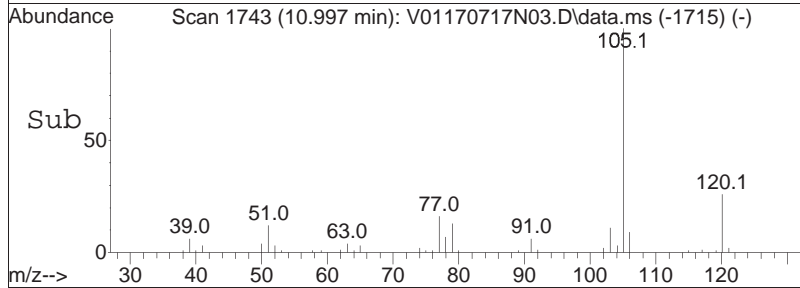
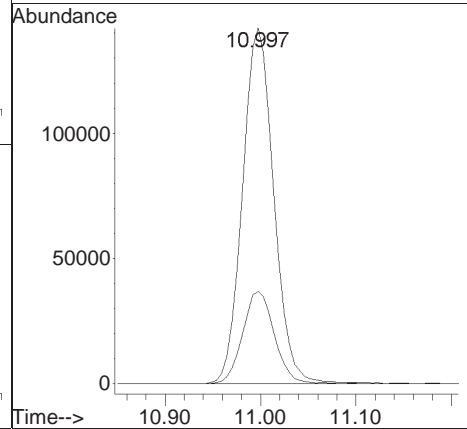
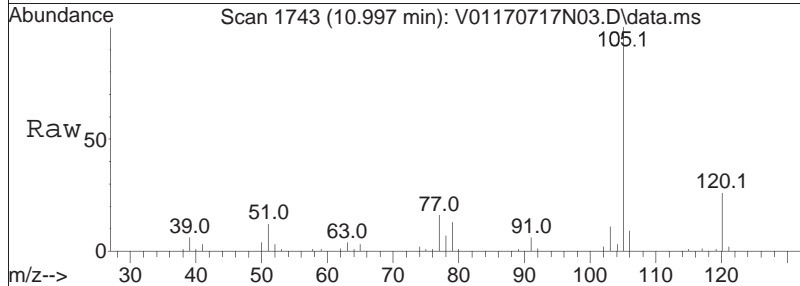
Tgt Ion: 173 Resp: 22373
 Ion Ratio Lower Upper
 173 100
 175 48.2 27.8 67.8

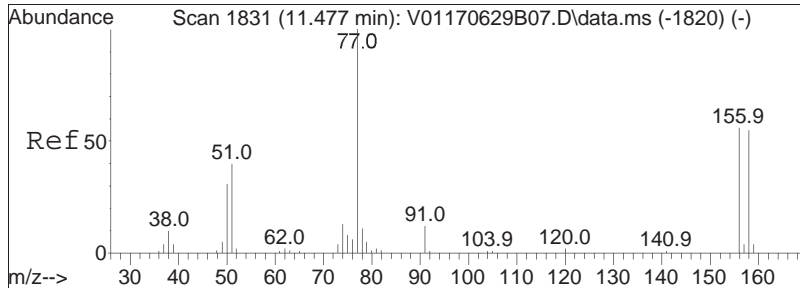




#82
 Isopropylbenzene
 Concen: 8.72 ug/L
 RT: 10.997 min Scan# 1743
 Delta R.T. 0.000 min
 Lab File: V01170717N03.D
 Acq: 17 Jul 2017 9:08 pm

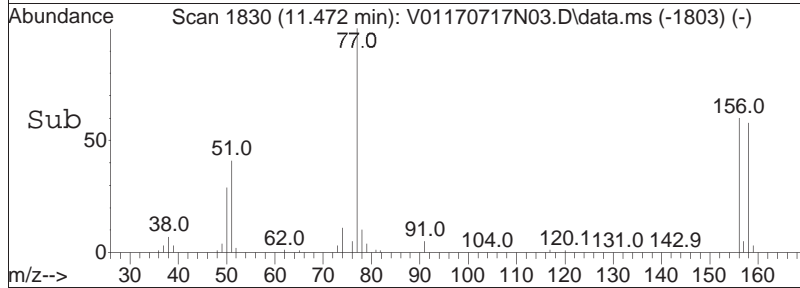
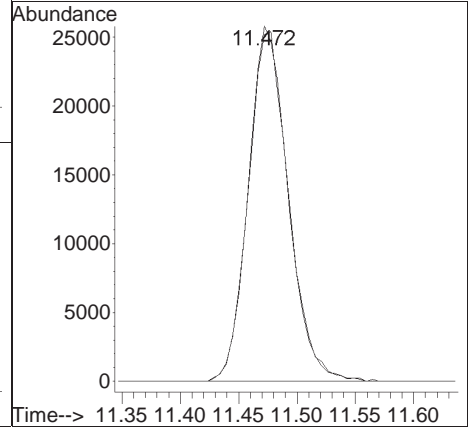
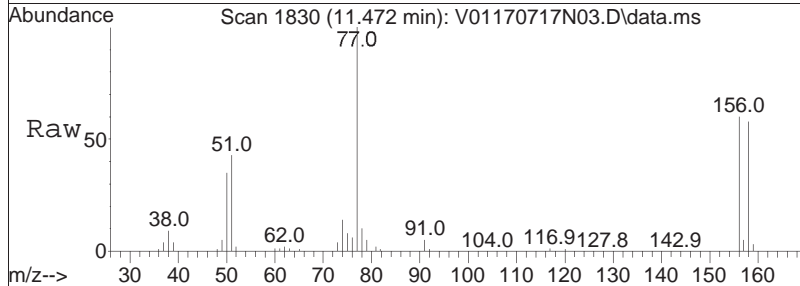
Tgt Ion	Resp	Lower	Upper
105	100		
120	26.0	6.1	46.1

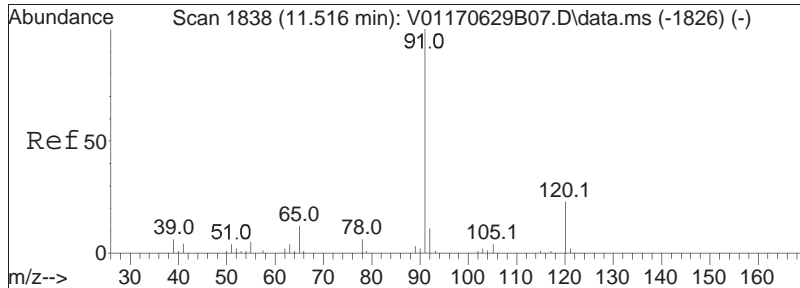




#84
 Bromobenzene
 Concen: 9.14 ug/L
 RT: 11.472 min Scan# 1830
 Delta R.T. -0.005 min
 Lab File: V01170717N03.D
 Acq: 17 Jul 2017 9:08 pm

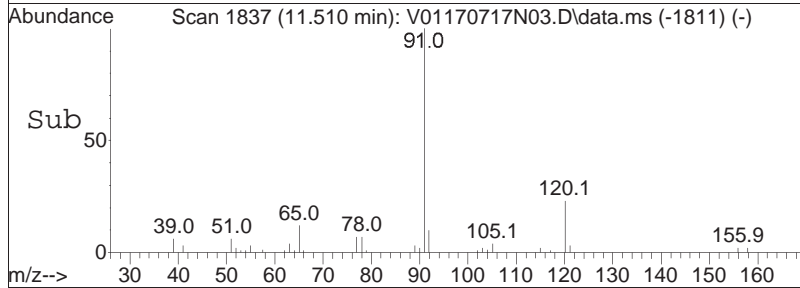
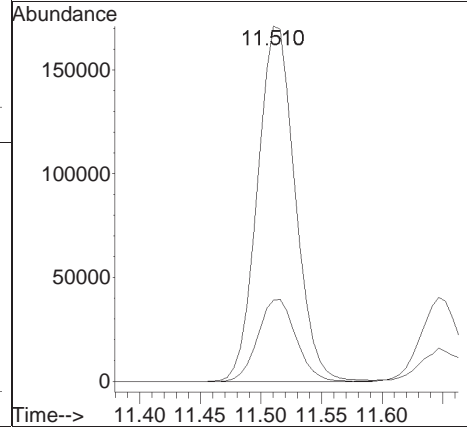
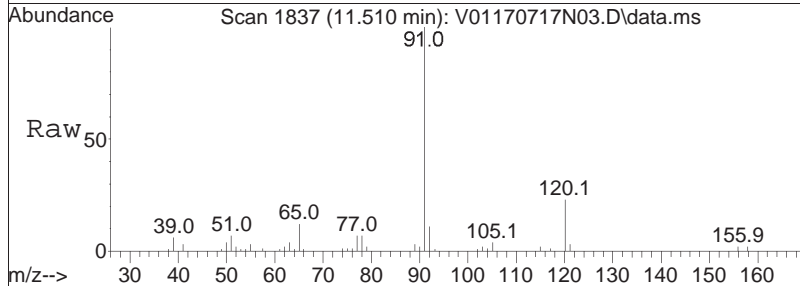
Tgt Ion: 156 Resp: 61652
 Ion Ratio Lower Upper
 156 100
 158 98.4 76.9 115.3

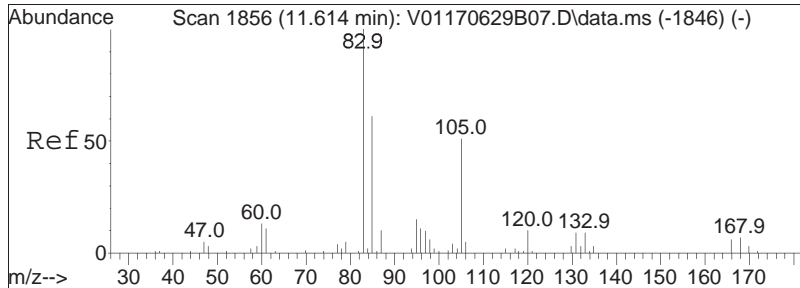




#85
 n-Propylbenzene
 Concen: 8.45 ug/L
 RT: 11.510 min Scan# 1837
 Delta R.T. -0.006 min
 Lab File: V01170717N03.D
 Acq: 17 Jul 2017 9:08 pm

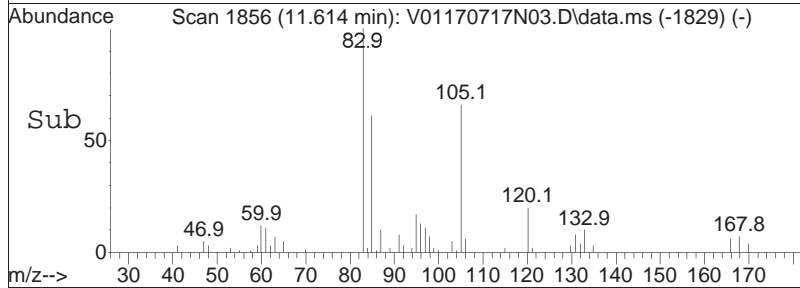
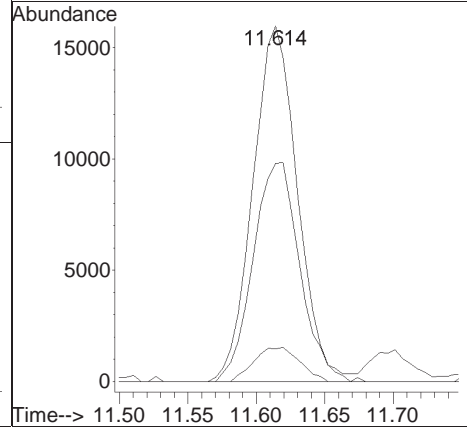
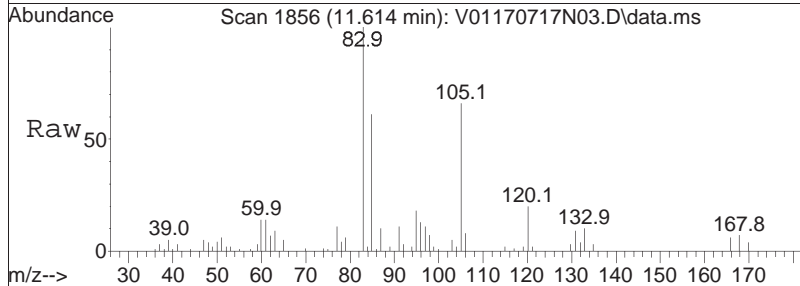
Tgt Ion: 91 Resp: 368657
 Ion Ratio Lower Upper
 91 100
 120 23.4 16.6 25.0

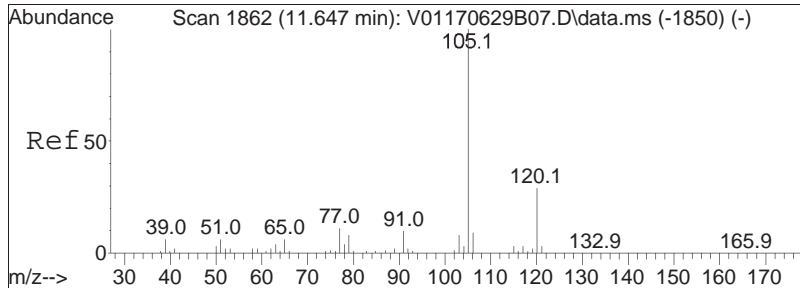




#87
 1,1,2,2-Tetrachloroethane
 Concen: 8.40 ug/L
 RT: 11.614 min Scan# 1856
 Delta R.T. -0.000 min
 Lab File: V01170717N03.D
 Acq: 17 Jul 2017 9:08 pm

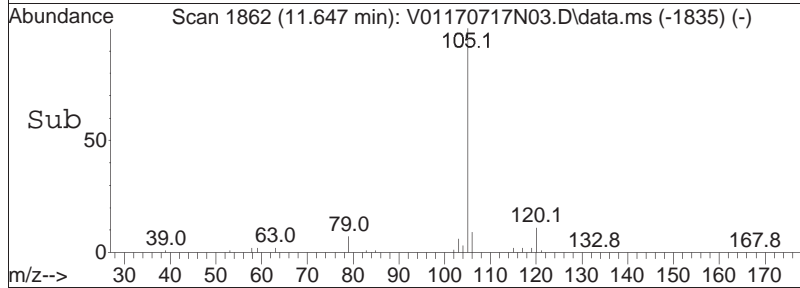
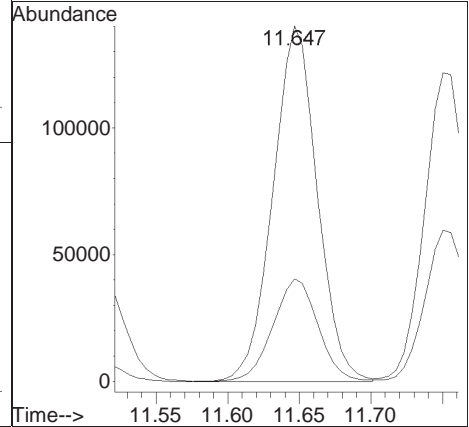
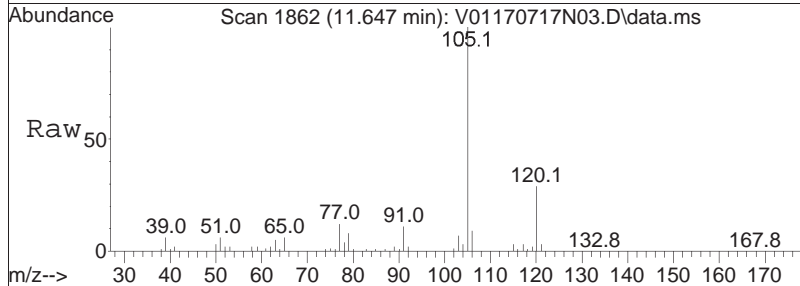
Tgt Ion	Resp	Lower	Upper
83	35977		
83	100		
131	9.9	0.0	29.5
85	65.1	44.9	84.9

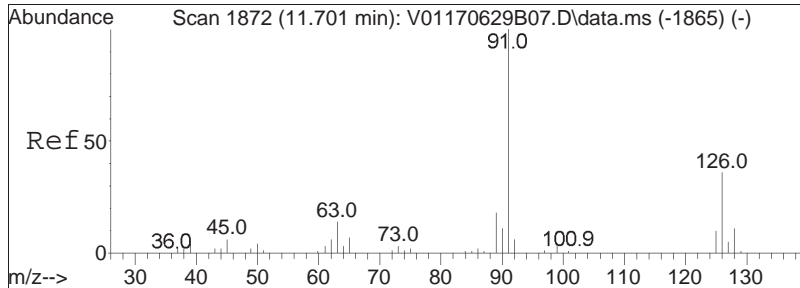




#88
 4-Ethyltoluene
 Concen: 8.74 ug/L
 RT: 11.647 min Scan# 1862
 Delta R.T. -0.000 min
 Lab File: V01170717N03.D
 Acq: 17 Jul 2017 9:08 pm

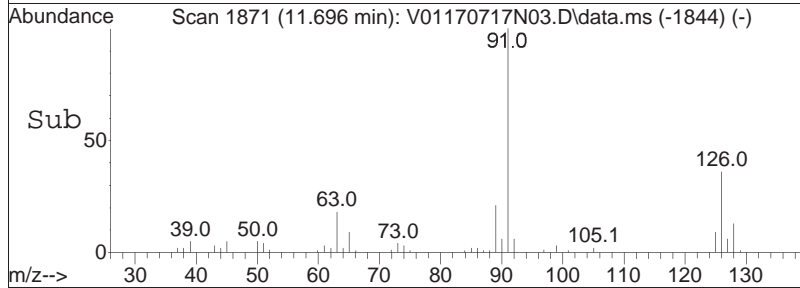
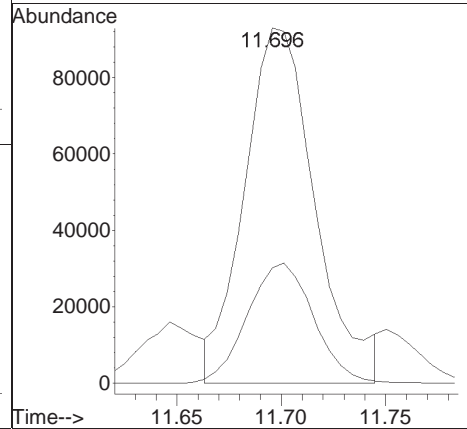
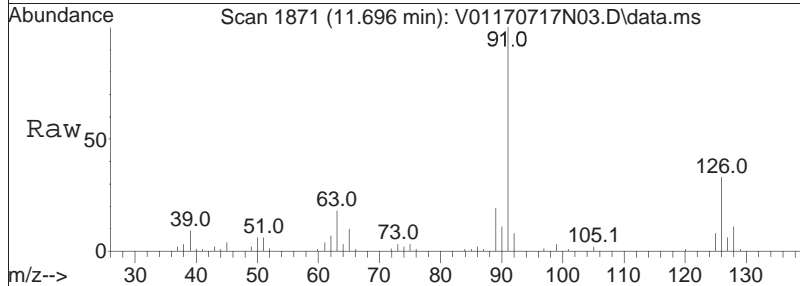
Tgt Ion	Resp	Lower	Upper
105	100		
120	29.5	18.9	39.1

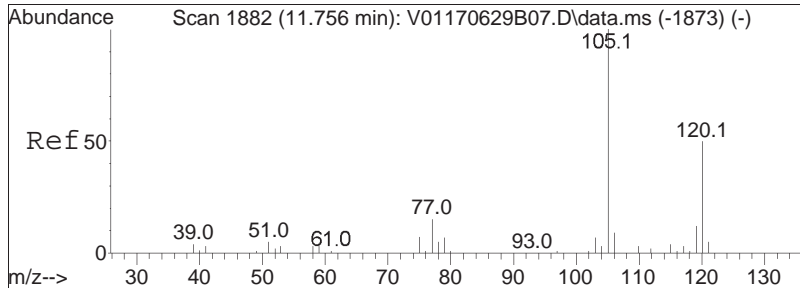




#89
 2-Chlorotoluene
 Concen: 8.84 ug/L M1
 RT: 11.696 min Scan# 1871
 Delta R.T. -0.005 min
 Lab File: V01170717N03.D
 Acq: 17 Jul 2017 9:08 pm

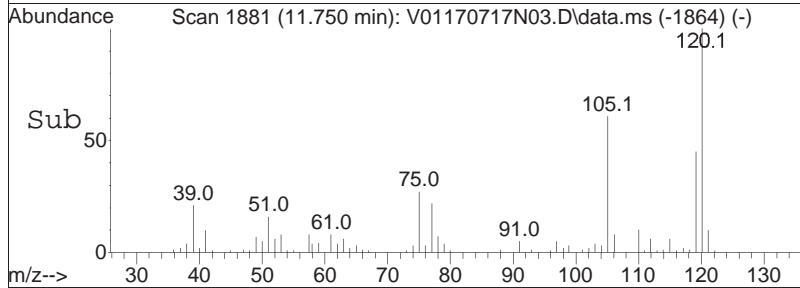
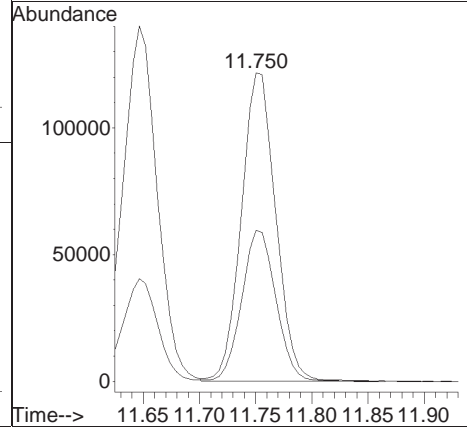
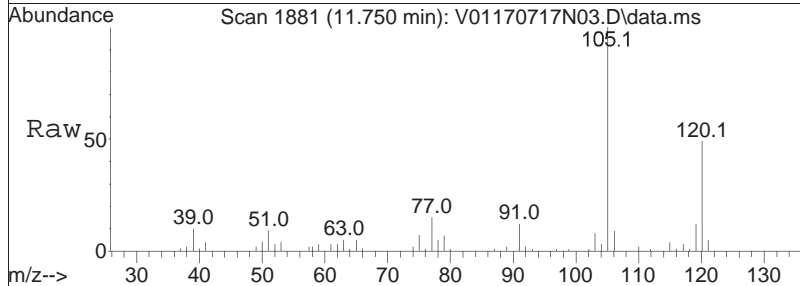
Tgt Ion: 91 Resp: 219175
 Ion Ratio Lower Upper
 91 100
 126 31.8 22.9 34.3

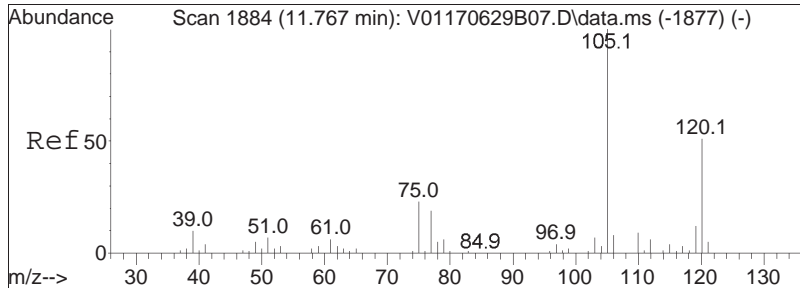




#90
 1,3,5-Trimethylbenzene
 Concen: 8.89 ug/L
 RT: 11.750 min Scan# 1881
 Delta R.T. -0.006 min
 Lab File: V01170717N03.D
 Acq: 17 Jul 2017 9:08 pm

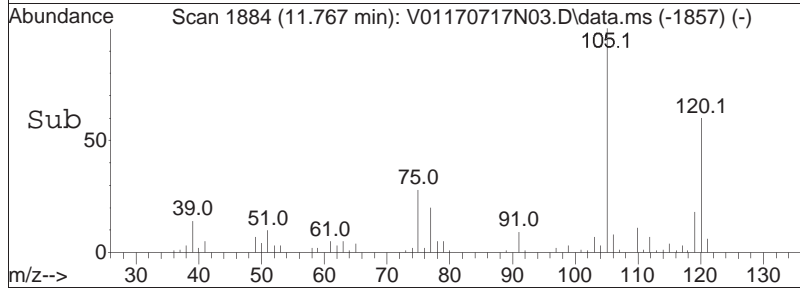
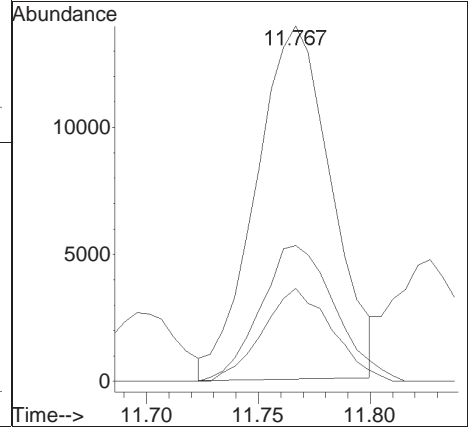
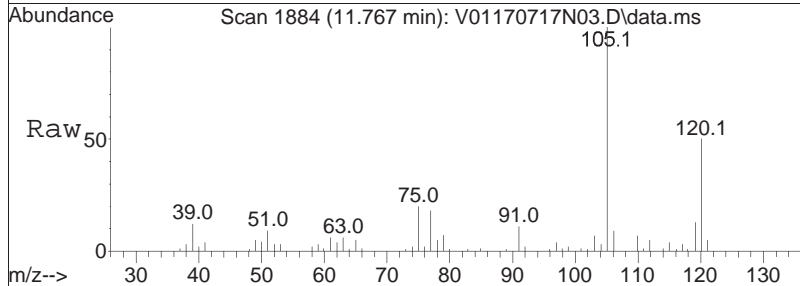
Tgt Ion	Resp	Lower	Upper
105	100		
120	49.0	37.8	56.8

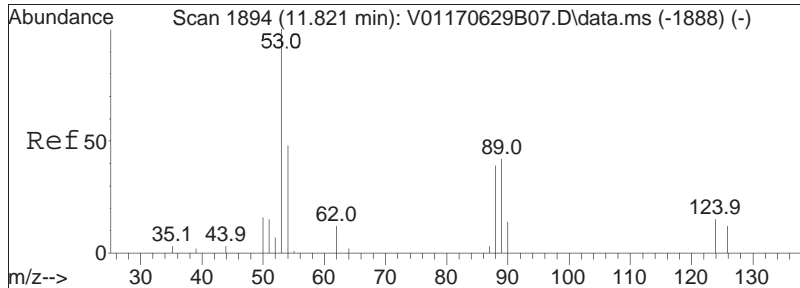




#91
 1,2,3-Trichloropropane
 Concen: 8.81 ug/L M1
 RT: 11.767 min Scan# 1884
 Delta R.T. -0.000 min
 Lab File: V01170717N03.D
 Acq: 17 Jul 2017 9:08 pm

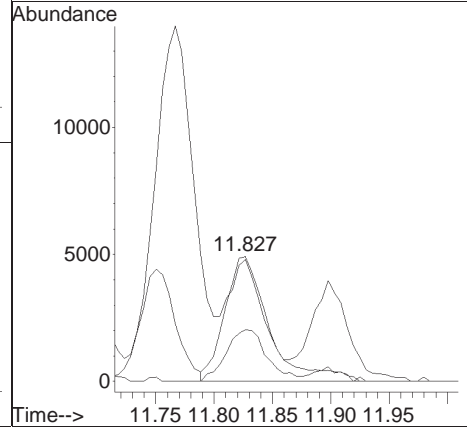
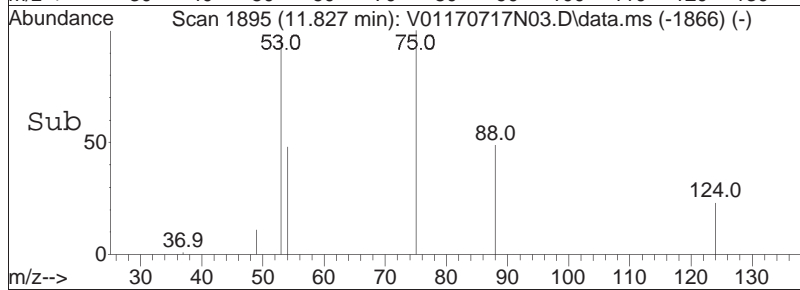
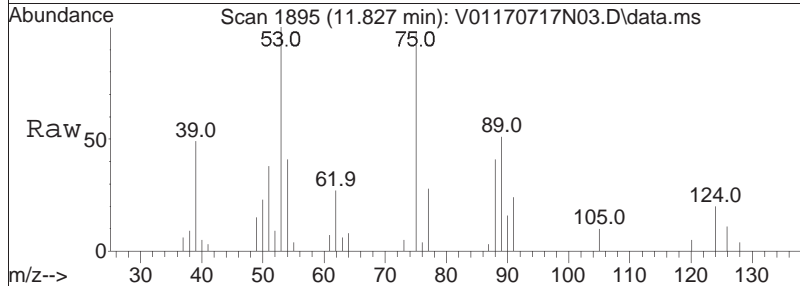
Tgt Ion	Resp	Lower	Upper
75	100		
110	38.0	22.0	45.8
112	24.2	14.2	29.6

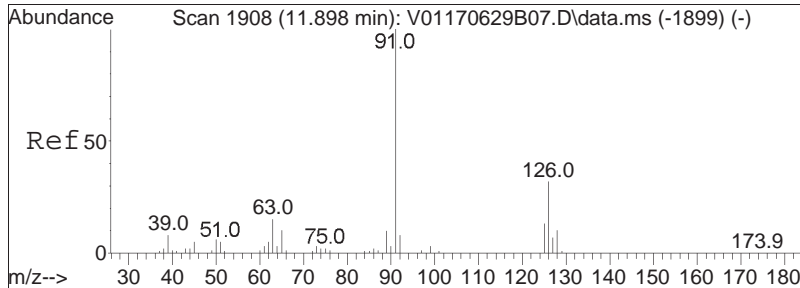




#92
 trans-1,4-Dichloro-2-butene
 Concen: 9.97 ug/L
 RT: 11.827 min Scan# 1895
 Delta R.T. 0.006 min
 Lab File: V01170717N03.D
 Acq: 17 Jul 2017 9:08 pm

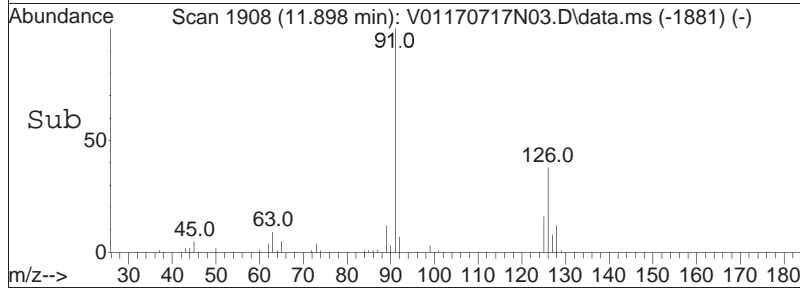
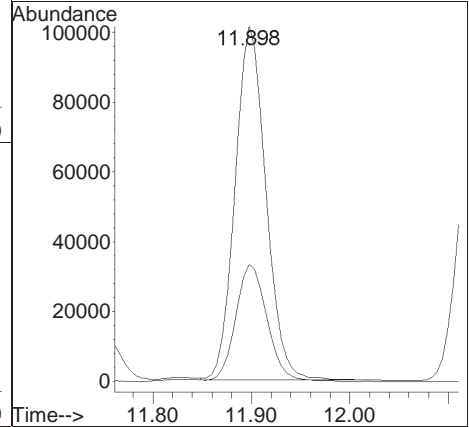
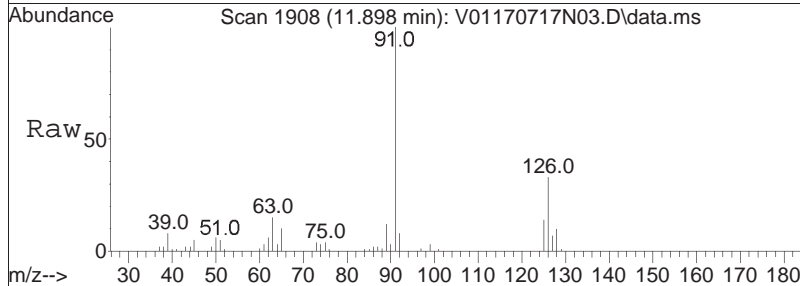
Tgt Ion	Resp	Lower	Upper
53	100		
88	38.3	41.7	62.5#
75	63.1	81.3	121.9#

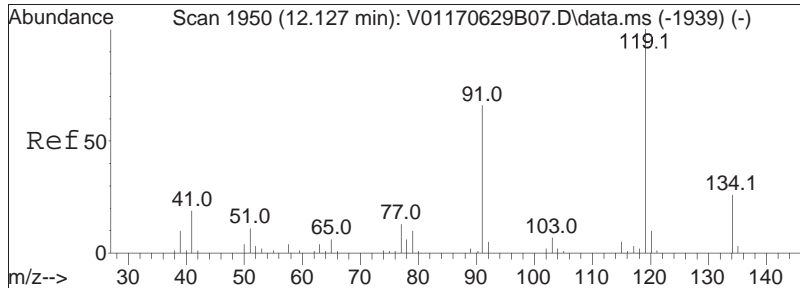




#93
 4-Chlorotoluene
 Concen: 8.78 ug/L
 RT: 11.898 min Scan# 1908
 Delta R.T. -0.000 min
 Lab File: V01170717N03.D
 Acq: 17 Jul 2017 9:08 pm

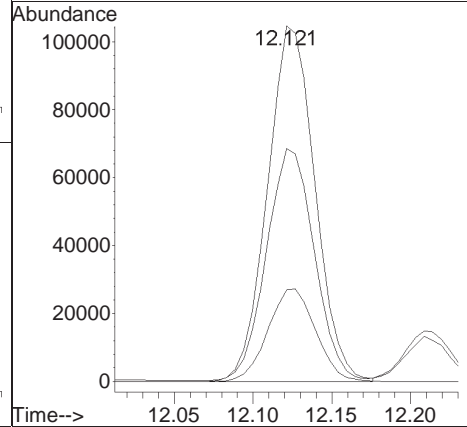
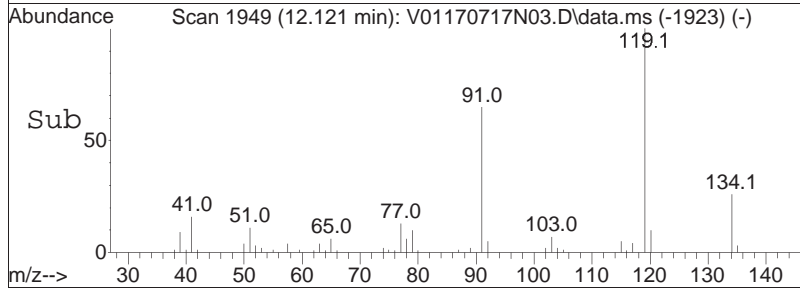
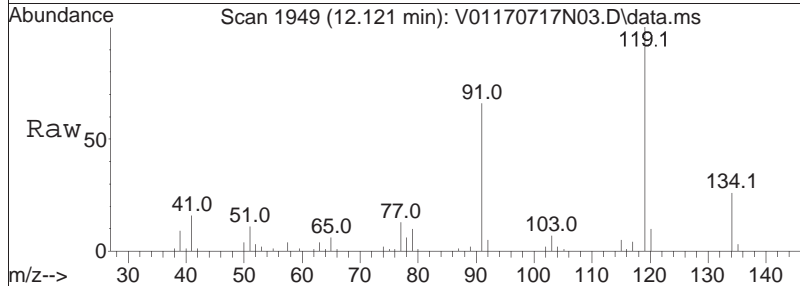
Tgt Ion: 91 Resp: 220472
 Ion Ratio Lower Upper
 91 100
 126 33.7 23.7 35.5

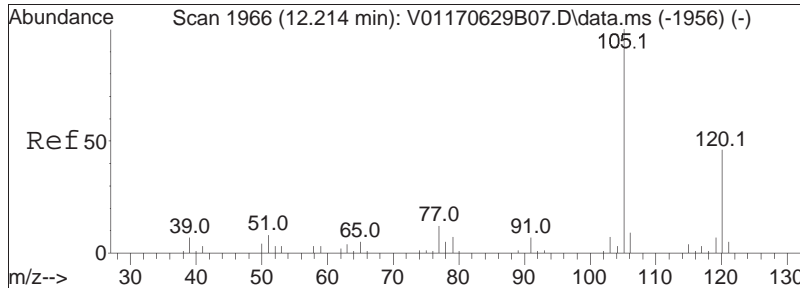




#94
 tert-Butylbenzene
 Concen: 8.89 ug/L
 RT: 12.121 min Scan# 1949
 Delta R.T. -0.006 min
 Lab File: V01170717N03.D
 Acq: 17 Jul 2017 9:08 pm

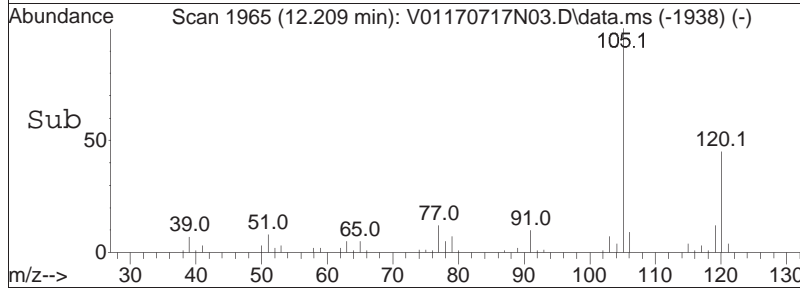
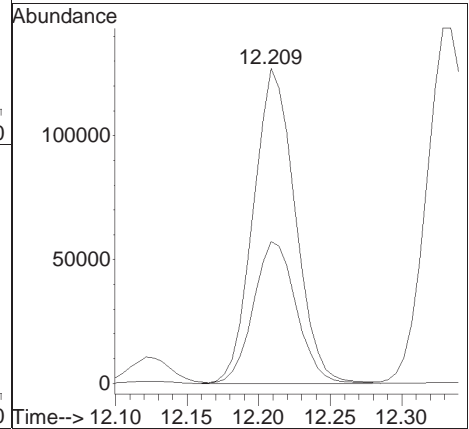
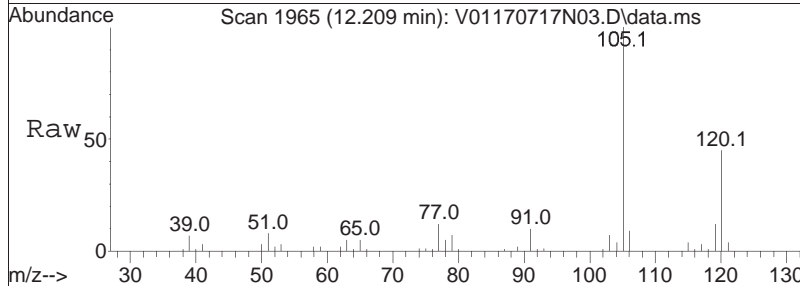
Tgt Ion	Ratio	Lower	Upper
119	100		
91	65.8	60.2	90.4
134	26.0	19.9	29.9

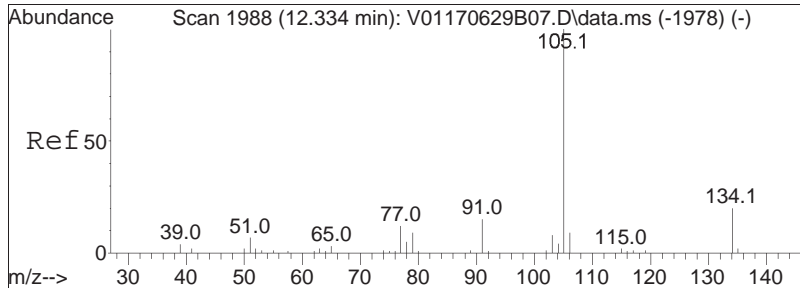




#97
 1,2,4-Trimethylbenzene
 Concen: 9.01 ug/L
 RT: 12.209 min Scan# 1965
 Delta R.T. -0.005 min
 Lab File: V01170717N03.D
 Acq: 17 Jul 2017 9:08 pm

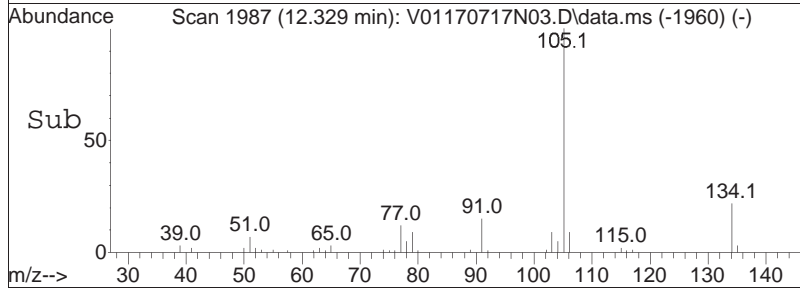
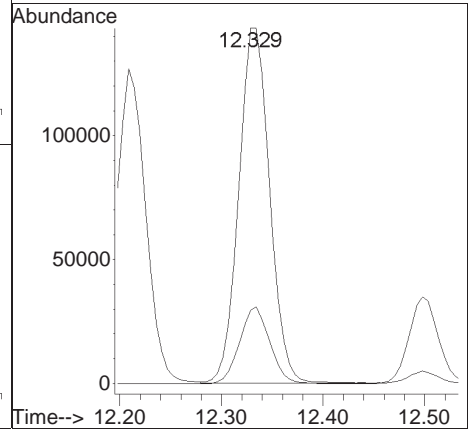
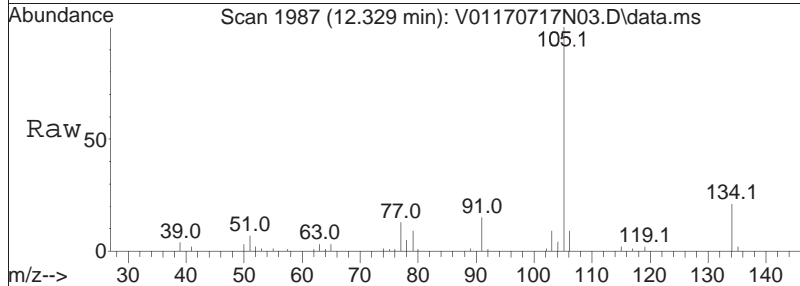
Tgt Ion	Resp	Lower	Upper
105	100		
120	46.1	35.0	52.6

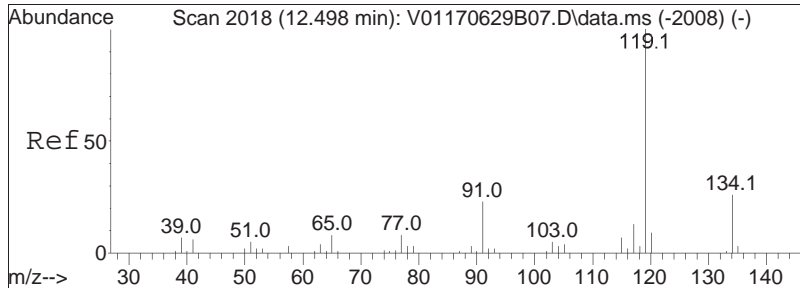




#98
 sec-Butylbenzene
 Concen: 8.53 ug/L
 RT: 12.329 min Scan# 1987
 Delta R.T. -0.005 min
 Lab File: V01170717N03.D
 Acq: 17 Jul 2017 9:08 pm

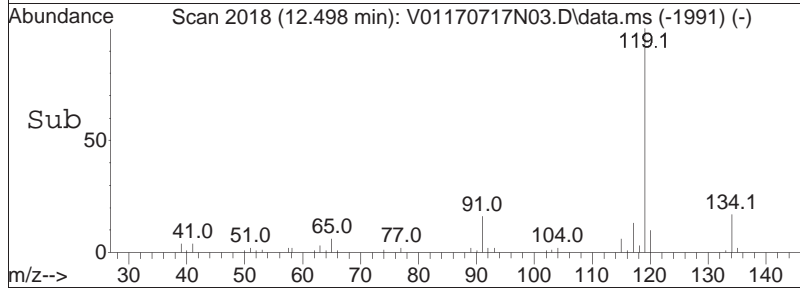
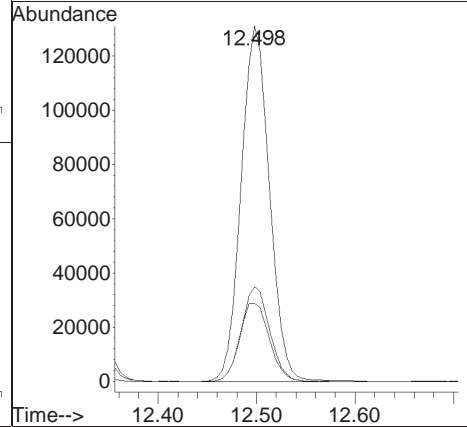
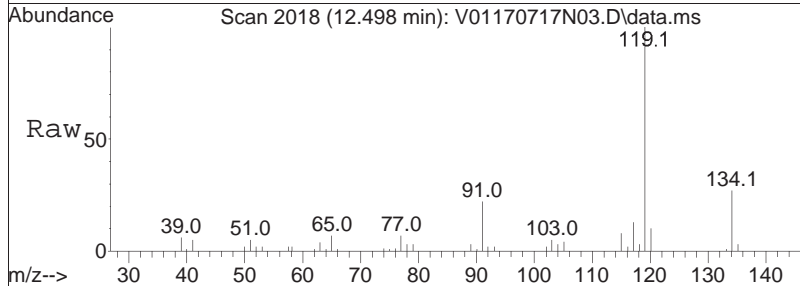
Tgt Ion	Resp	Lower	Upper
105	100		
134	20.8	12.5	26.1

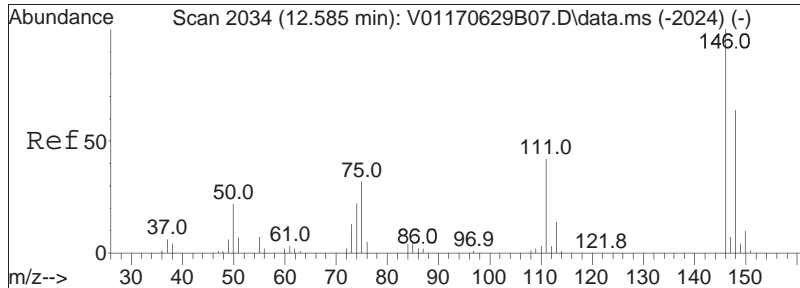




#99
 p-Isopropyltoluene
 Concen: 8.96 ug/L
 RT: 12.498 min Scan# 2018
 Delta R.T. -0.000 min
 Lab File: V01170717N03.D
 Acq: 17 Jul 2017 9:08 pm

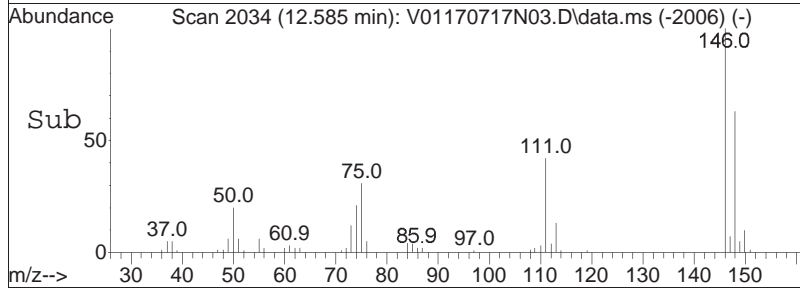
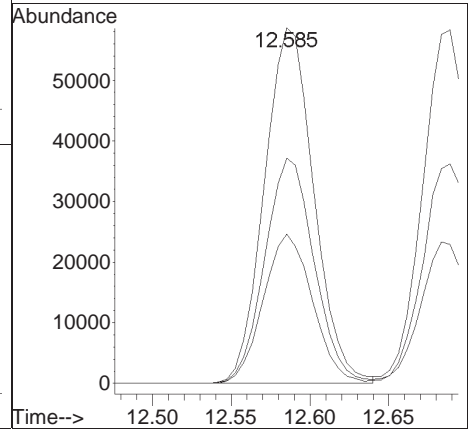
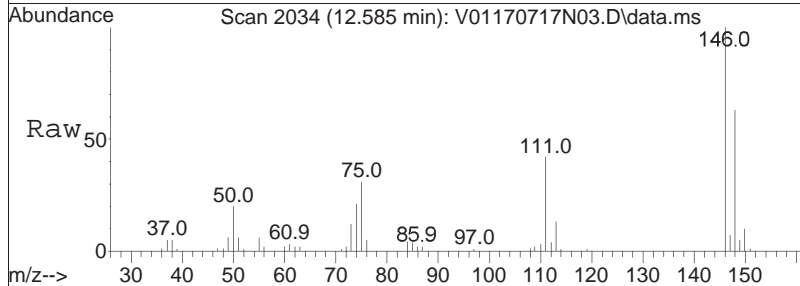
Tgt Ion	Resp	Lower	Upper
119	100		
134	26.6	17.2	35.6
91	23.1	17.7	36.9

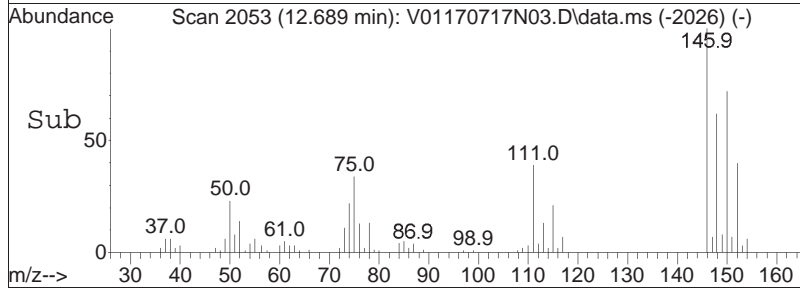
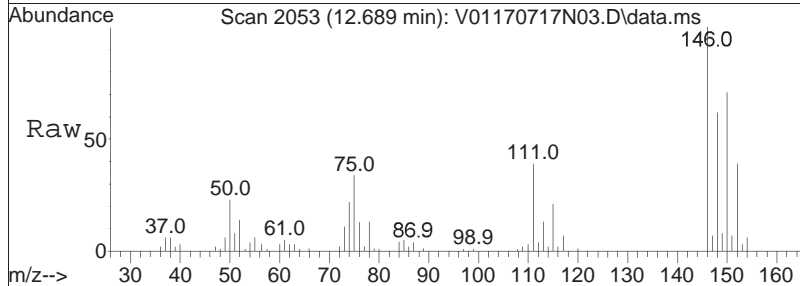
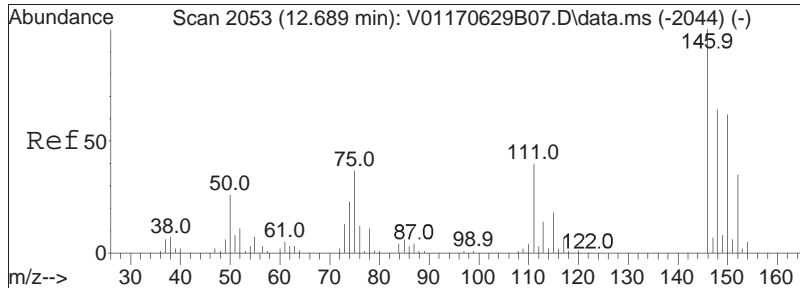




#100
 1,3-Dichlorobenzene
 Concen: 9.24 ug/L
 RT: 12.585 min Scan# 2034
 Delta R.T. 0.000 min
 Lab File: V01170717N03.D
 Acq: 17 Jul 2017 9:08 pm

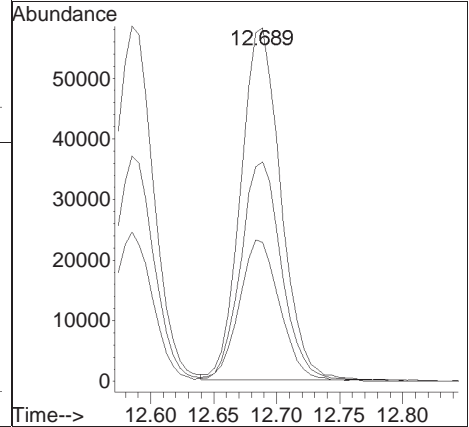
Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.7	28.7	59.5
148	63.2	41.1	85.5

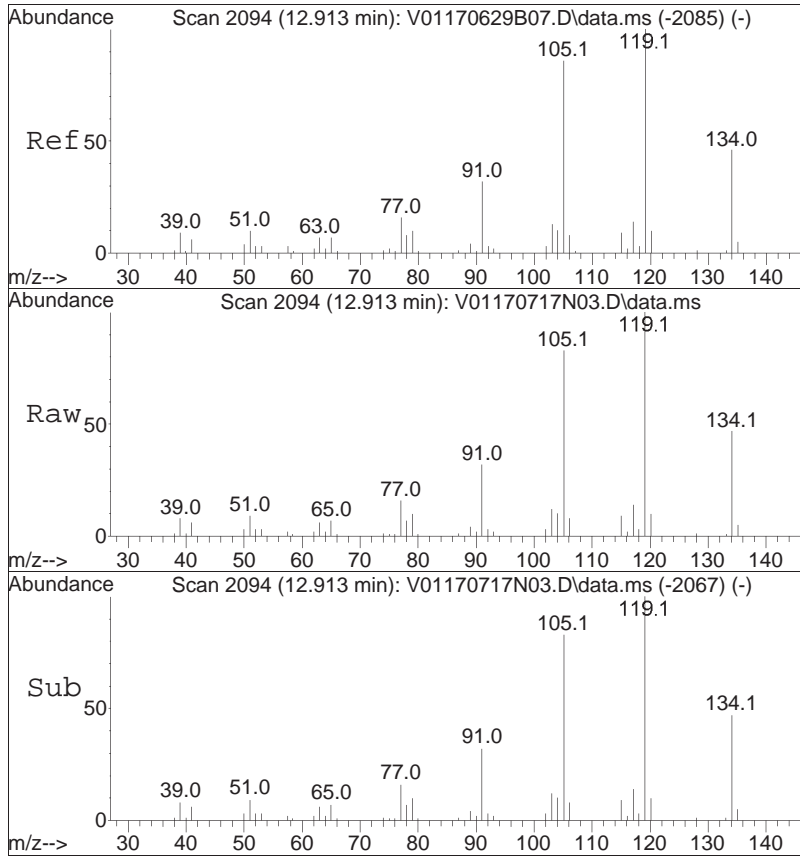




#101
 1,4-Dichlorobenzene
 Concen: 9.06 ug/L
 RT: 12.689 min Scan# 2053
 Delta R.T. -0.000 min
 Lab File: V01170717N03.D
 Acq: 17 Jul 2017 9:08 pm

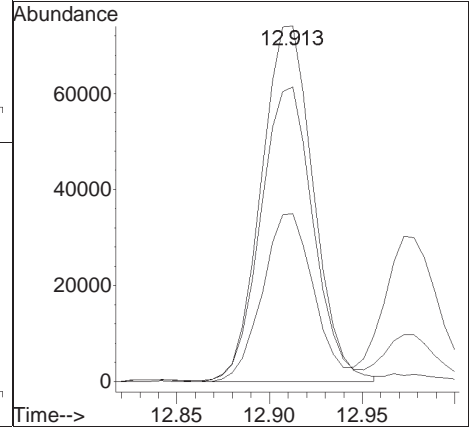
Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.4	35.0	52.4
148	64.7	51.0	76.6

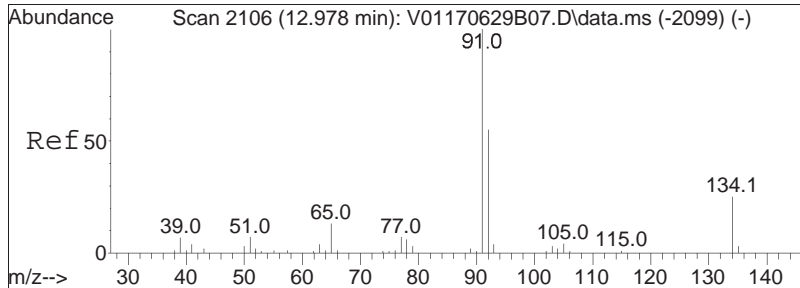




#102
 p-Diethylbenzene
 Concen: 8.98 ug/L
 RT: 12.913 min Scan# 2094
 Delta R.T. -0.001 min
 Lab File: V01170717N03.D
 Acq: 17 Jul 2017 9:08 pm

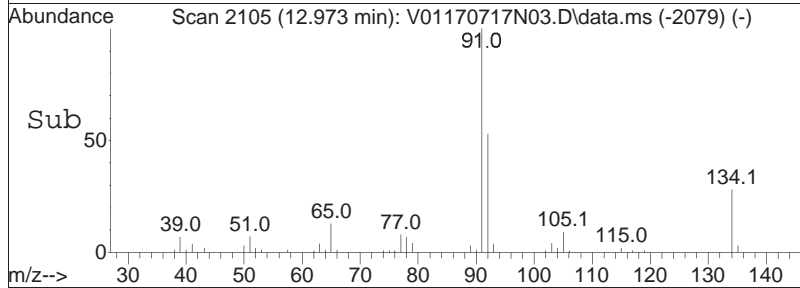
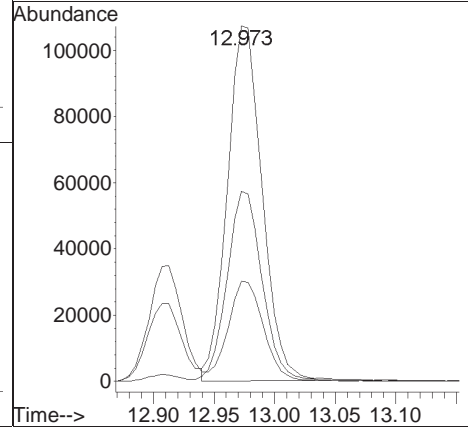
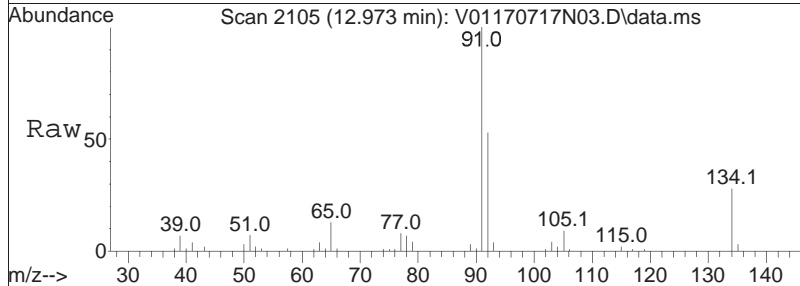
Tgt Ion	Resp	Lower	Upper
119	144946		
119	100		
105	83.2	57.7	119.9
134	45.9	30.0	62.2

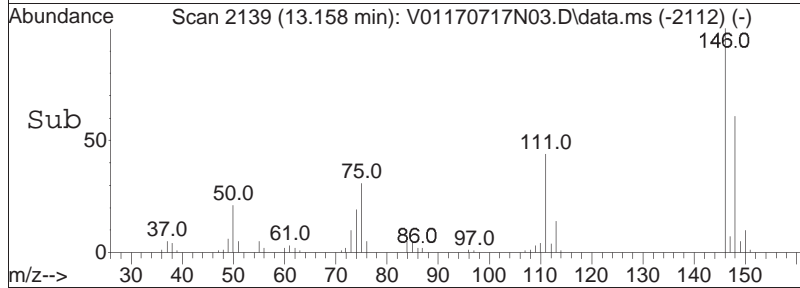
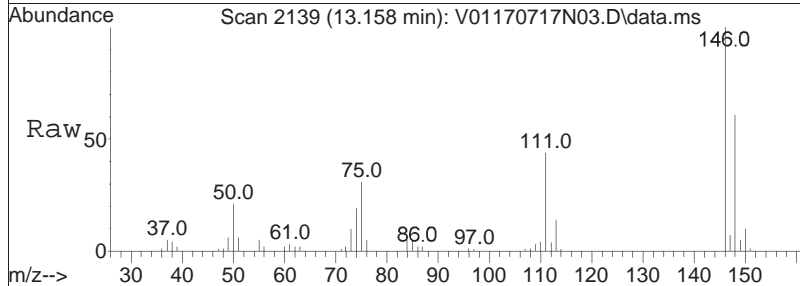
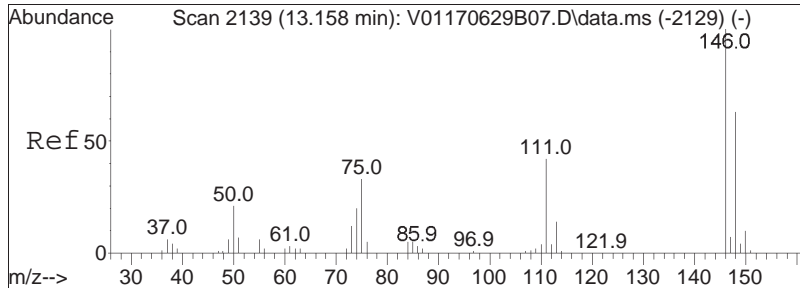




#103
 n-Butylbenzene
 Concen: 8.42 ug/L
 RT: 12.973 min Scan# 2105
 Delta R.T. -0.005 min
 Lab File: V01170717N03.D
 Acq: 17 Jul 2017 9:08 pm

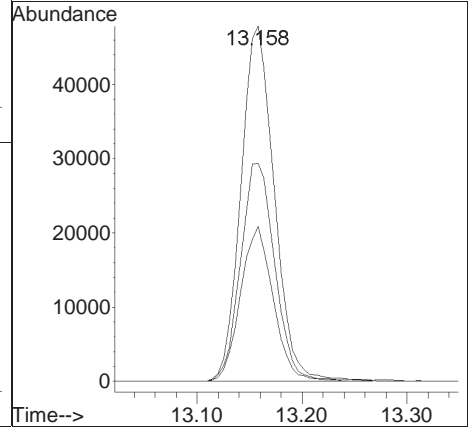
Tgt Ion:	91	Resp:	214490
Ion Ratio	100	Lower	Upper
91	100		
92	54.4	43.4	65.0
134	29.0	19.0	28.4#

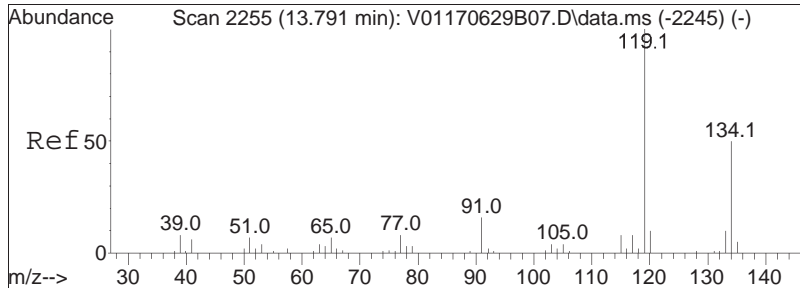




#104
 1,2-Dichlorobenzene
 Concen: 9.22 ug/L
 RT: 13.158 min Scan# 2139
 Delta R.T. 0.000 min
 Lab File: V01170717N03.D
 Acq: 17 Jul 2017 9:08 pm

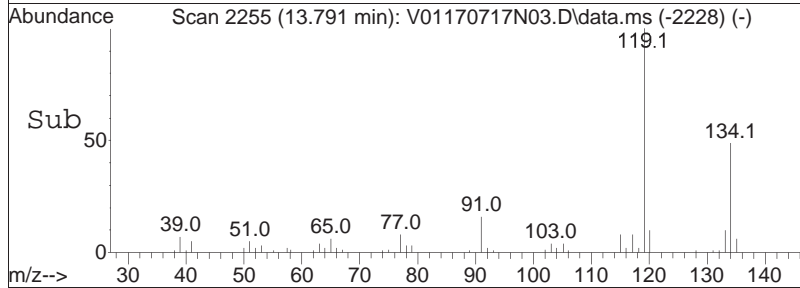
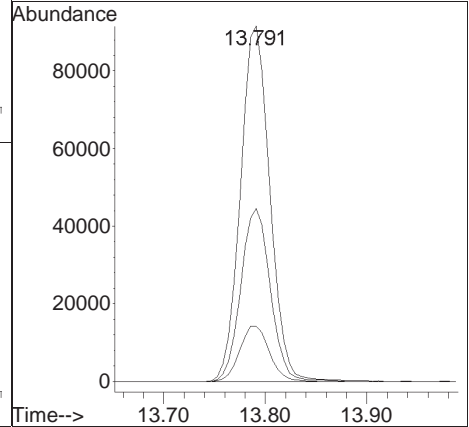
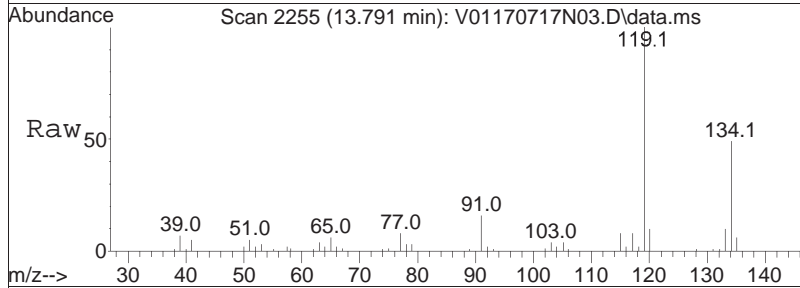
Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.7	29.1	60.3
148	62.8	40.8	84.8

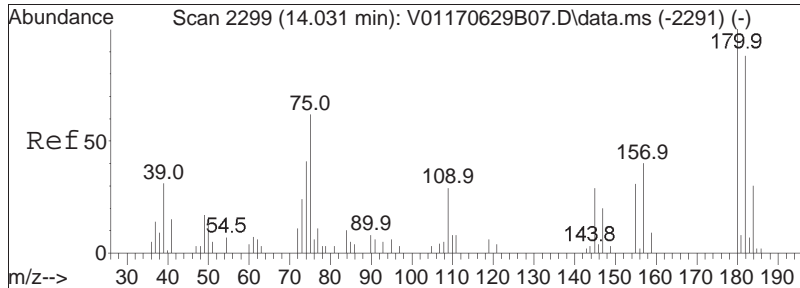




#105
 1,2,4,5-Tetramethylbenzene
 Concen: 9.04 ug/L
 RT: 13.791 min Scan# 2255
 Delta R.T. -0.000 min
 Lab File: V01170717N03.D
 Acq: 17 Jul 2017 9:08 pm

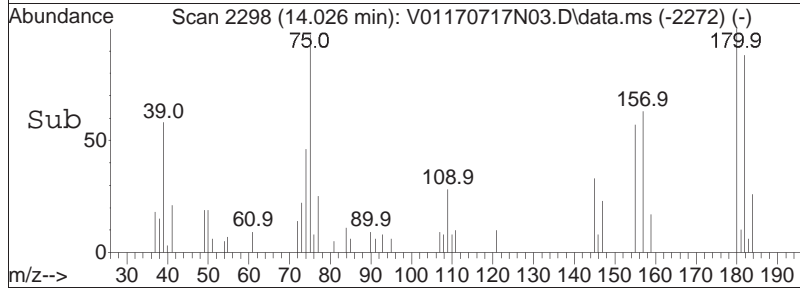
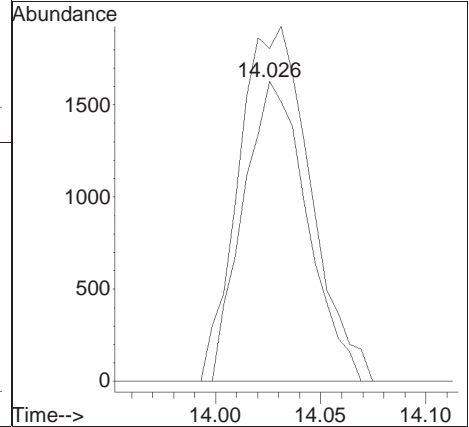
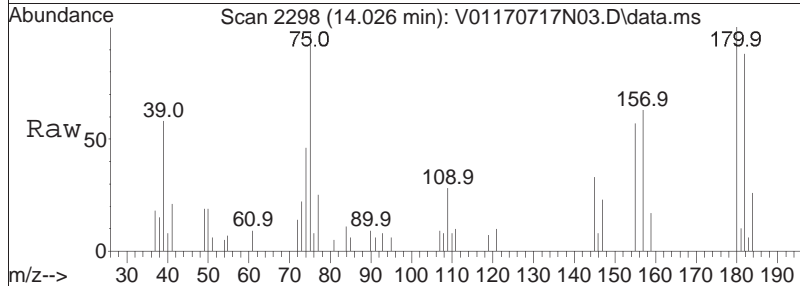
Tgt Ion	Resp	Lower	Upper
119	100		
134	48.8	29.3	60.9
91	15.7	11.8	24.4

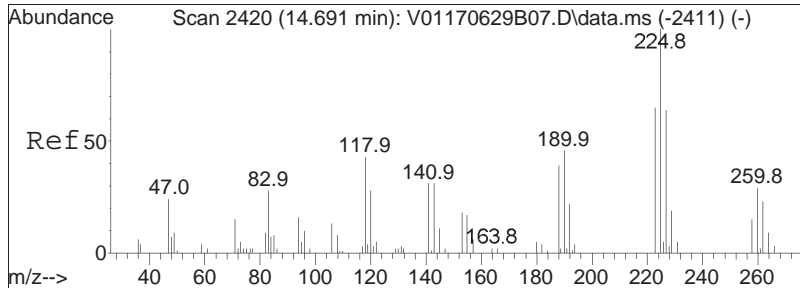




#106
 1,2-Dibromo-3-chloropropane
 Concen: 8.36 ug/L
 RT: 14.026 min Scan# 2298
 Delta R.T. -0.005 min
 Lab File: V01170717N03.D
 Acq: 17 Jul 2017 9:08 pm

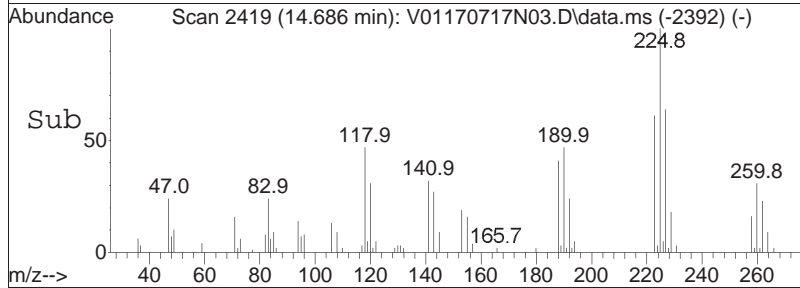
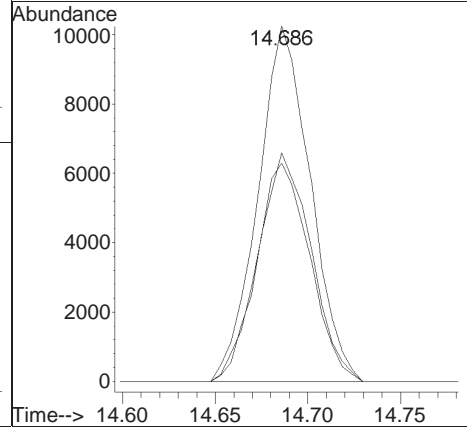
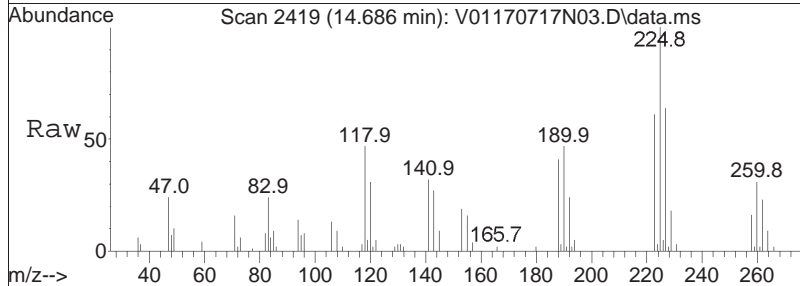
Tgt Ion	Resp	Lower	Upper
155	100		
157	133.2	99.2	148.8

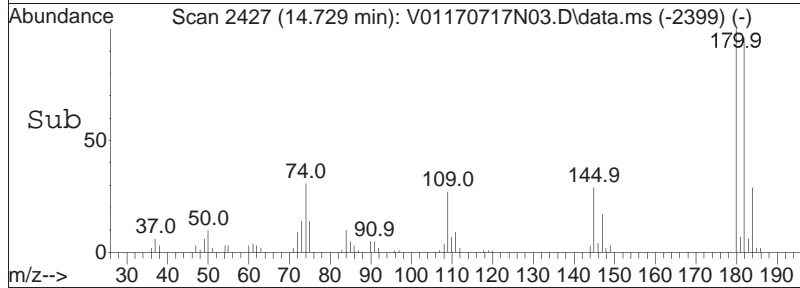
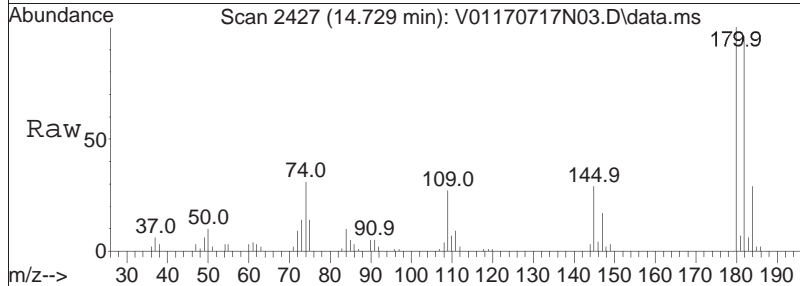
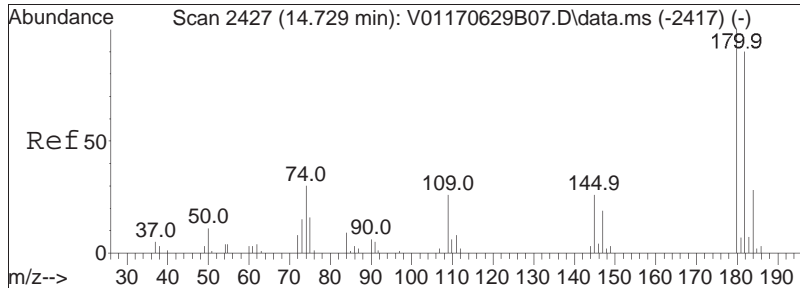




#108
 Hexachlorobutadiene
 Concen: 9.54 ug/L
 RT: 14.686 min Scan# 2419
 Delta R.T. -0.005 min
 Lab File: V01170717N03.D
 Acq: 17 Jul 2017 9:08 pm

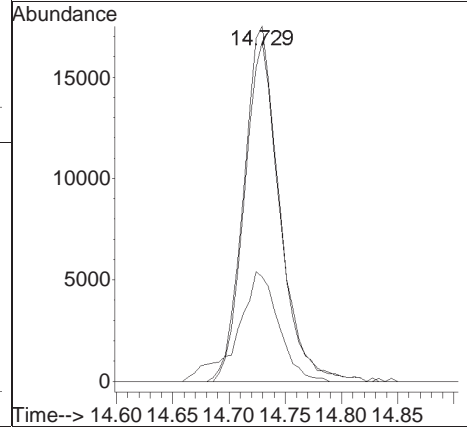
Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.7	76.1
227	64.9	53.5	80.3

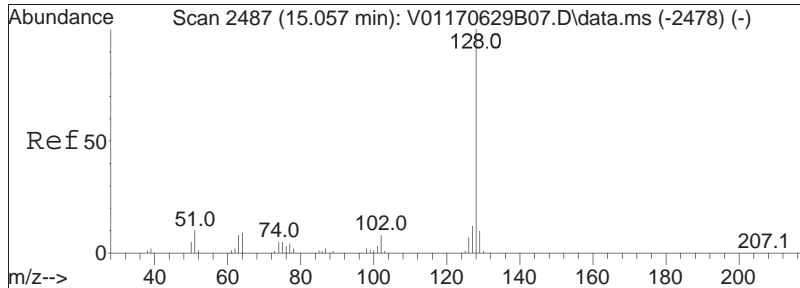




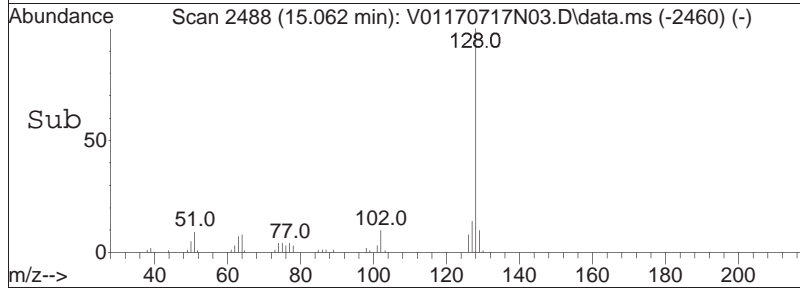
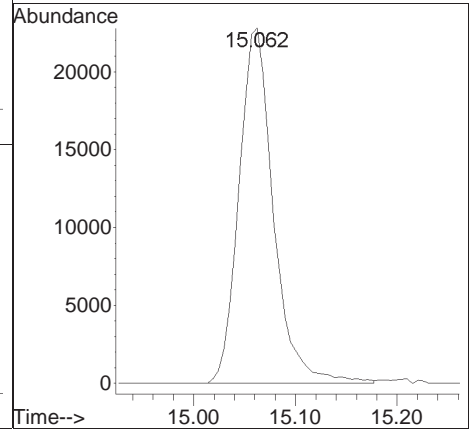
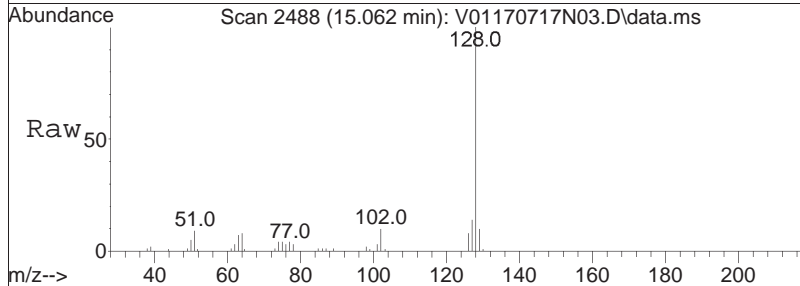
#109
 1,2,4-Trichlorobenzene
 Concen: 9.24 ug/L
 RT: 14.729 min Scan# 2427
 Delta R.T. 0.000 min
 Lab File: V01170717N03.D
 Acq: 17 Jul 2017 9:08 pm

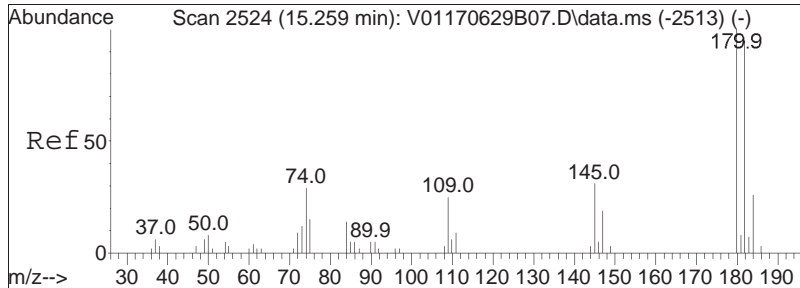
Tgt Ion	Resp	Lower	Upper
180	38886		
180	100		
182	94.2	75.0	112.4
145	35.3	28.5	42.7





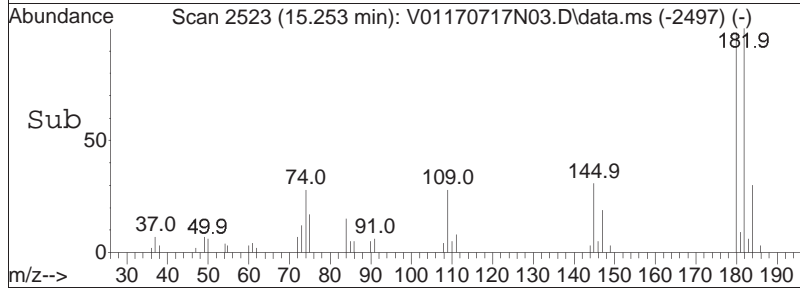
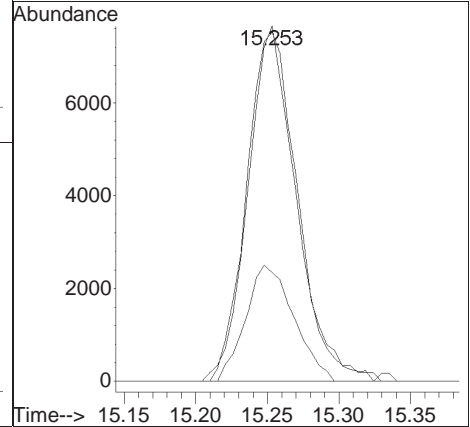
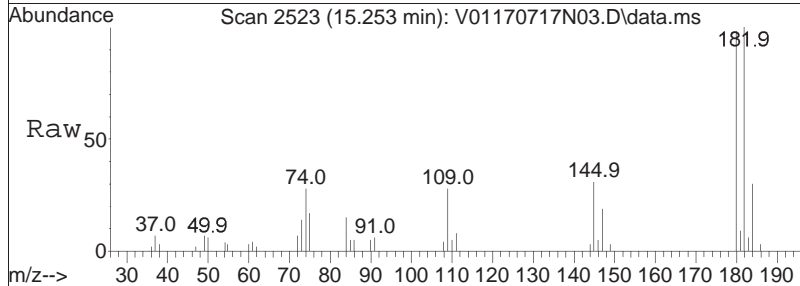
#110
 Naphthalene
 Concen: 8.94 ug/L
 RT: 15.062 min Scan# 2488
 Delta R.T. 0.005 min
 Lab File: V01170717N03.D
 Acq: 17 Jul 2017 9:08 pm
 Tgt Ion:128 Resp: 53863





#111
 1,2,3-Trichlorobenzene
 Concen: 9.48 ug/L
 RT: 15.253 min Scan# 2523
 Delta R.T. -0.006 min
 Lab File: V01170717N03.D
 Acq: 17 Jul 2017 9:08 pm

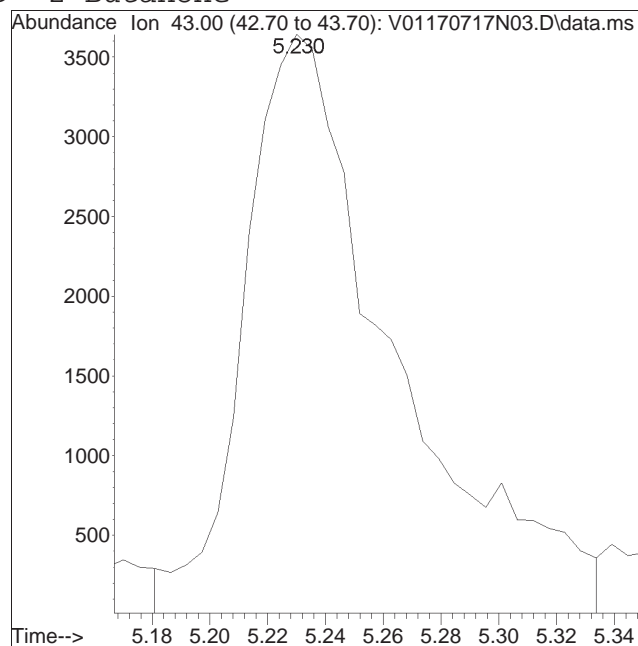
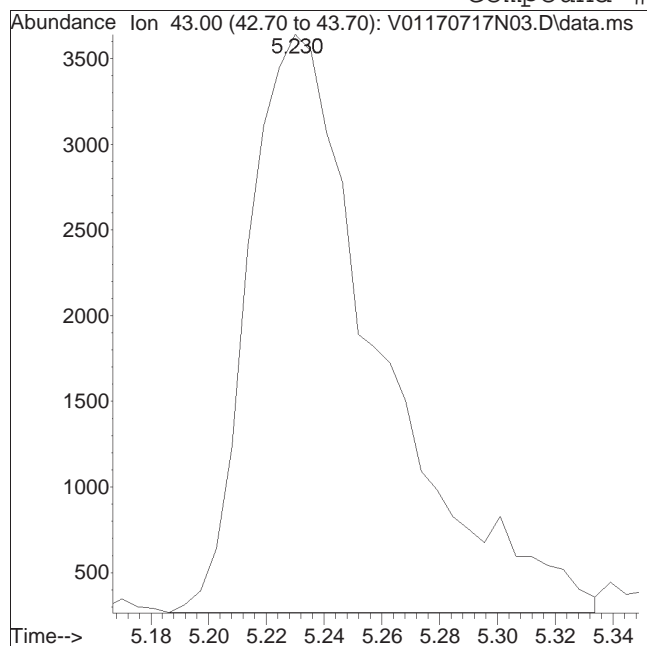
Tgt Ion	Resp	Lower	Upper
180	18743		
180	100		
182	95.4	73.3	109.9
145	31.2	26.2	39.4



Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2017\1QMethod : V101_170629B_8260.m
Data File : V01170717N03.D Operator : VOA101:PK
Date Inj'd : 7/17/2017 9:08 pm Instrument : VOA 101
Sample : WG1023473-4,31,10,10 Quant Date : 7/17/2017 10:08 pm

Compound #39: 2-Butanone

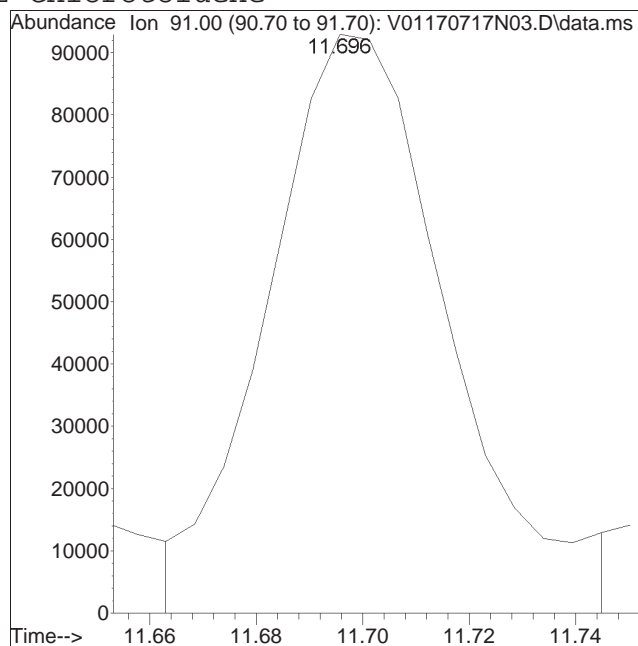
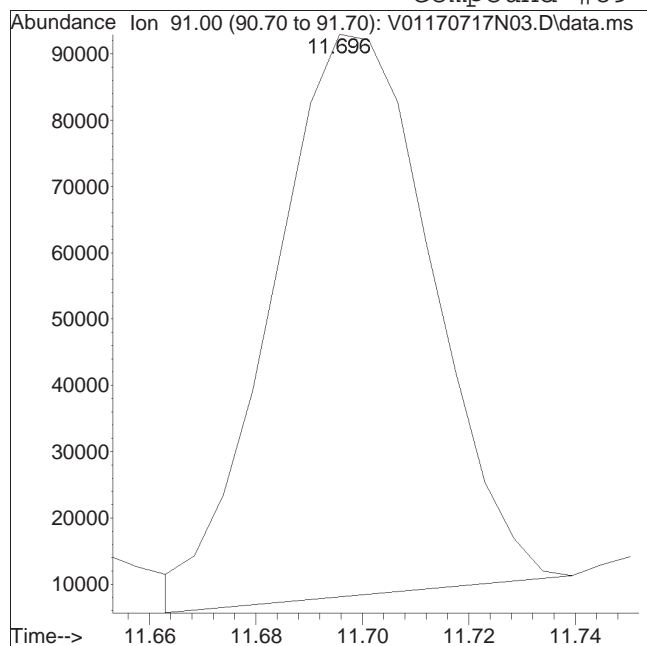


M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2017\1QMethod : V101_170629B_8260.m
Data File : V01170717N03.D Operator : VOA101:PK
Date Inj'd : 7/17/2017 9:08 pm Instrument : VOA 101
Sample : WG1023473-4,31,10,10 Quant Date : 7/17/2017 10:08 pm

Compound #89: 2-Chlorotoluene



Original Peak Response = 175997

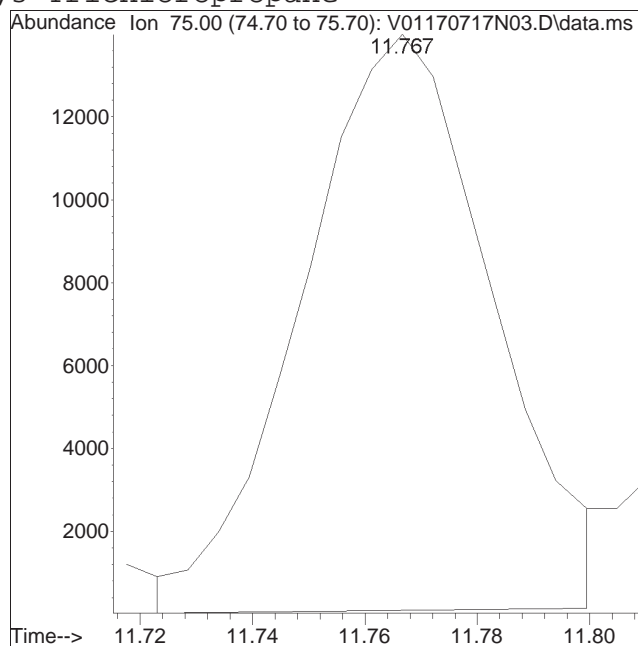
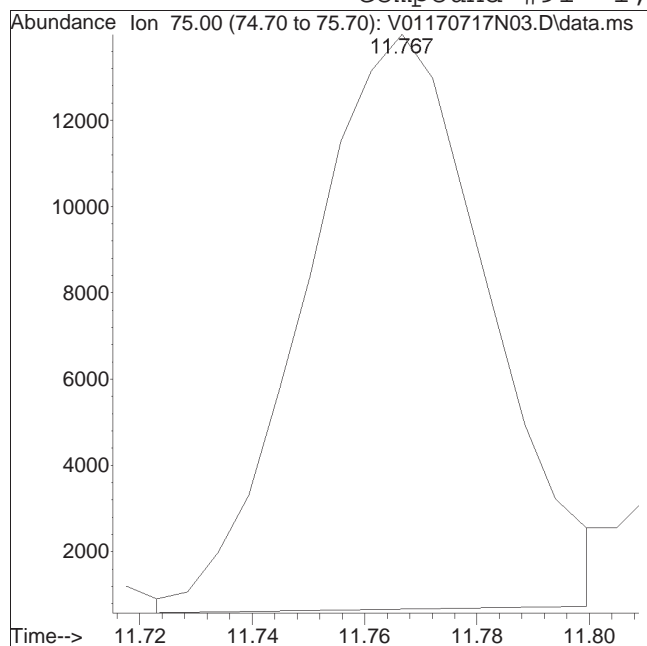
Manual Peak Response = 219175 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2017\1QMethod : V101_170629B_8260.m
Data File : V01170717N03.D Operator : VOA101:PK
Date Inj'd : 7/17/2017 9:08 pm Instrument : VOA 101
Sample : WG1023473-4,31,10,10 Quant Date : 7/17/2017 10:08 pm

Compound #91: 1,2,3-Trichloropropane



Original Peak Response = 29952

Manual Peak Response = 32578 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA117\2017\170718A\
 Data File : V17170718A02.D
 Acq On : 18 Jul 2017 07:36
 Operator : VOA117:CBN
 Sample : WG1023786-4,31h,15,15,0.1
 Misc : WG1023786,ICAL13689
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 18 09:52:31 2017
 Quant Method : I:\VOLATILES\VOA117\2017\170718A\V117_170525_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 25 12:01:44 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA117\2017\170718A\V17170718A01.D
 Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Fluorobenzene	6.347	96	153567	20.000	ug/L	0.00
Standard Area 1 = 159272			Recovery =	96.42%		
59) Chlorobenzene-d5	9.913	117	117919	20.000	ug/L	0.00
Standard Area 1 = 122212			Recovery =	96.49%		
79) 1,4-Dichlorobenzene-d4	12.534	152	66271	20.000	ug/L	0.00
Standard Area 1 = 67127			Recovery =	98.72%		
System Monitoring Compounds						
36) Dibromofluoromethane	5.519	113	39826	19.434	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery =	97.17%		
43) 1,2-Dichloroethane-d4	6.059	65	36566	17.429	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery =	87.14%		
60) Toluene-d8	8.057	98	157830	20.678	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery =	103.39%		
83) 4-Bromofluorobenzene	11.355	95	59508	20.562	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery =	102.81%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.775	85	64307	19.121	ug/L	98
3) Chloromethane	1.990	50	72455	17.692	ug/L	97
4) Vinyl chloride	2.064	62	61441	15.413	ug/L	100
5) Bromomethane	2.410	94	34148	13.321	ug/L	97
6) Chloroethane	2.541	64	29442	13.842	ug/L	99
7) Trichlorofluoromethane	2.688	101	80964	15.834	ug/L	98
8) Ethyl ether	3.007	74	21259	19.409	ug/L	86
10) 1,1-Dichloroethene	3.201	96	46530	19.324	ug/L	95
11) Carbon disulfide	3.233	76	145743	16.047	ug/L	100
15) Methylene chloride	3.783	84	50021	18.640	ug/L	79
17) Acetone	3.841	43	7541	16.331	ug/L	93
18) trans-1,2-Dichloroethene	3.941	96	49900	18.905	ug/L	97
20) Methyl tert-butyl ether	4.056	73	106884	17.915	ug/L	94
23) 1,1-Dichloroethane	4.549	63	101581	18.470	ug/L	99
25) Acrylonitrile	4.601	53	11320	18.423	ug/L #	92
27) Vinyl acetate	4.790	43	86955	17.115	ug/L #	96
28) cis-1,2-Dichloroethene	5.073	96	53216	18.851	ug/L	99
29) 2,2-Dichloropropane	5.183	77	76969	18.586	ug/L	86
30) Bromochloromethane	5.273	128	23118	18.586	ug/L	93
32) Chloroform	5.341	83	89527	18.059	ug/L	95

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA117\2017\170718A\
 Data File : V17170718A02.D
 Acq On : 18 Jul 2017 07:36
 Operator : VOA117:CBN
 Sample : WG1023786-4,31h,15,15,0.1
 Misc : WG1023786,ICAL13689
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 18 09:52:31 2017
 Quant Method : I:\VOLATILES\VOA117\2017\170718A\V117_170525_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 25 12:01:44 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA117\2017\170718A\V17170718A01.D
 Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Carbon tetrachloride	5.482	117	77003	19.357	ug/L	99
37) 1,1,1-Trichloroethane	5.550	97	85645	18.788	ug/L	98
39) 2-Butanone	5.655	43	11918	16.786	ug/L #	60
40) 1,1-Dichloropropene	5.676	75	66761	18.461	ug/L	98
41) Benzene	5.928	78	200211	18.435	ug/L	96
44) 1,2-Dichloroethane	6.132	62	58172	15.934	ug/L	99
48) Trichloroethene	6.520	95	58082	18.447	ug/L	97
50) Dibromomethane	6.971	93	25905	17.636	ug/L	95
51) 1,2-Dichloropropane	7.081	63	58609	18.461	ug/L	99
54) Bromodichloromethane	7.139	83	63517	17.572	ug/L	100
57) 1,4-Dioxane	7.359	88	15412	926.588	ug/L #	94
58) cis-1,3-Dichloropropene	7.842	75	74692	18.290	ug/L #	86
61) Toluene	8.114	92	122535	19.381	ug/L	98
62) 4-Methyl-2-pentanone	8.555	58	11508	18.242	ug/L	77
63) Tetrachloroethene	8.560	166	59978	20.341	ug/L	98
65) trans-1,3-Dichloropropene	8.591	75	61684	18.922	ug/L #	80
68) 1,1,2-Trichloroethane	8.780	83	31863	18.936	ug/L	99
69) Chlorodibromomethane	8.990	129	47631	19.170	ug/L	98
70) 1,3-Dichloropropane	9.110	76	54955	18.720	ug/L	99
71) 1,2-Dibromoethane	9.283	107	34308	18.871	ug/L	100
72) 2-Hexanone	9.567	43	18352	16.244	ug/L	93
73) Chlorobenzene	9.934	112	138358	19.184	ug/L	96
74) Ethylbenzene	9.970	91	240680	19.172	ug/L	99
75) 1,1,1,2-Tetrachloroethane	10.012	131	51623	19.601	ug/L	99
76) p/m Xylene	10.154	106	187751	38.902	ug/L	98
77) o Xylene	10.673	106	168948	36.906	ug/L	95
78) Styrene	10.736	104	280895	37.399	ug/L	95
80) Bromoform	10.757	173	30721	18.822	ug/L	99
82) Isopropylbenzene	11.040	105	243539	19.537	ug/L	99
84) Bromobenzene	11.465	156	61064	19.433	ug/L	98
85) n-Propylbenzene	11.501	91	296224	19.085	ug/L	97
87) 1,1,2,2-Tetrachloroethane	11.580	83	41290	18.192	ug/L	99
88) 4-Ethyltoluene	11.622	105	250766	20.132	ug/L	98
89) 2-Chlorotoluene	11.669	91	176324	19.282	ug/L	96
90) 1,3,5-Trimethylbenzene	11.716	105	218894	19.605	ug/L	98
91) 1,2,3-Trichloropropane	11.722	75	31642	17.403	ug/L	96
92) trans-1,4-Dichloro-2-b...	11.774	53	12133	16.959	ug/L #	82
93) 4-Chlorotoluene	11.847	91	178641	19.163	ug/L	96
94) tert-Butylbenzene	12.052	119	181488	19.663	ug/L	97

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA117\2017\170718A\
 Data File : V17170718A02.D
 Acq On : 18 Jul 2017 07:36
 Operator : VOA117:CBN
 Sample : WG1023786-4,31h,15,15,0.1
 Misc : WG1023786,ICAL13689
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 18 09:52:31 2017
 Quant Method : I:\VOLATILES\VOA117\2017\170718A\V117_170525_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 25 12:01:44 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA117\2017\170718A\V17170718A01.D
 Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97) 1,2,4-Trimethylbenzene	12.125	105	216503	19.672	ug/L	98
98) sec-Butylbenzene	12.241	105	275065	19.637	ug/L	99
99) p-Isopropyltoluene	12.387	119	233512	19.726	ug/L	98
100) 1,3-Dichlorobenzene	12.456	146	123326	19.226	ug/L	99
101) 1,4-Dichlorobenzene	12.550	146	120000	18.992	ug/L	98
102) p-Diethylbenzene	12.754	119	145794	20.051	ug/L	98
103) n-Butylbenzene	12.812	91	235357	19.235	ug/L	99
104) 1,2-Dichlorobenzene	12.964	146	109194	19.101	ug/L	99
105) 1,2,4,5-Tetramethylben...	13.536	119	221223	20.166	ug/L	98
106) 1,2-Dibromo-3-chloropr...	13.735	155	6157	18.746	ug/L	100
108) Hexachlorobutadiene	14.333	225	57093	21.412	ug/L	99
109) 1,2,4-Trichlorobenzene	14.359	180	84912	19.846	ug/L	99
110) Naphthalene	14.652	128	138399	18.504	ug/L	100
111) 1,2,3-Trichlorobenzene	14.820	180	74621	19.423	ug/L	99

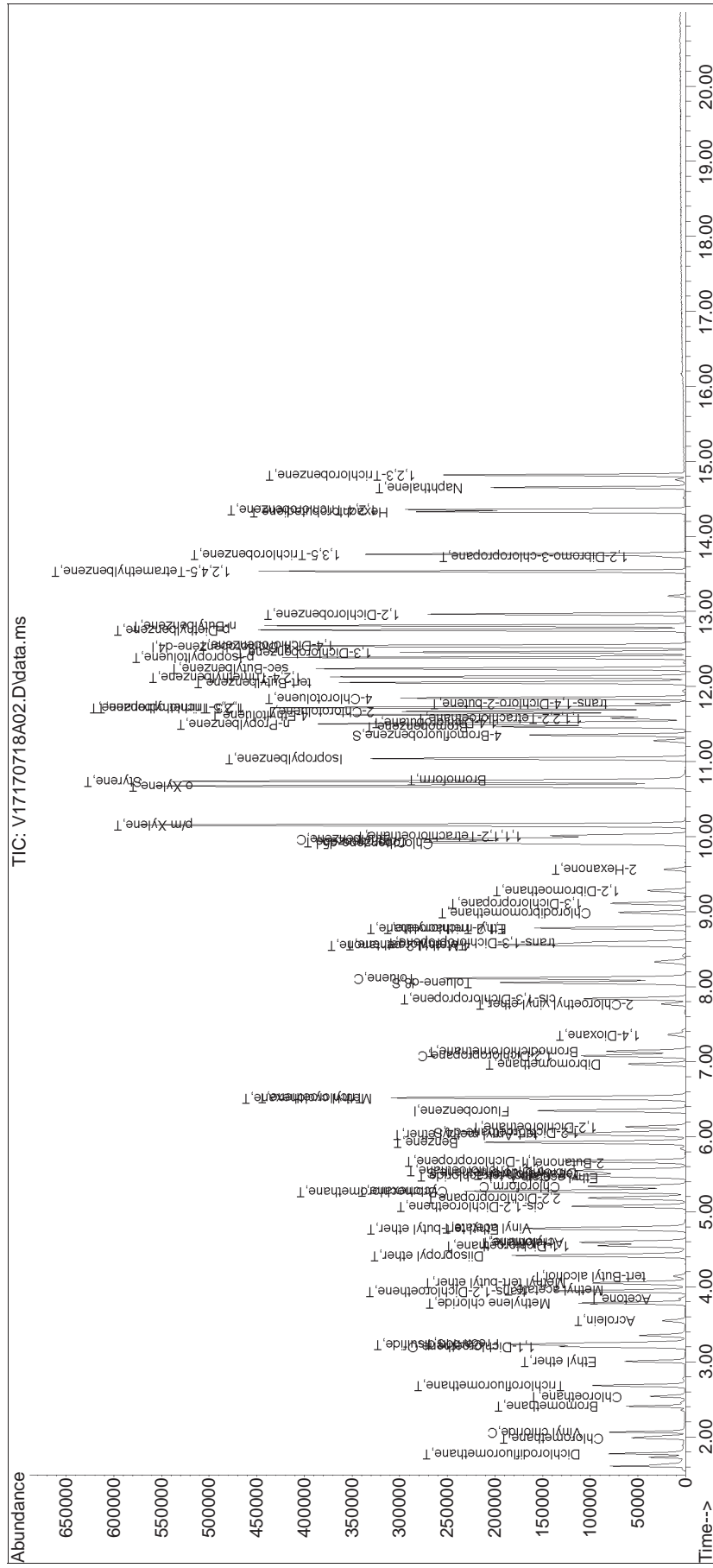
(#) = qualifier out of range (m) = manual integration (+) = signals summed

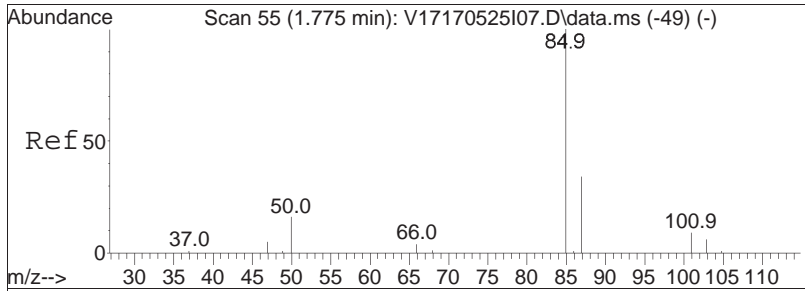
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA117\2017\170718A\
 Data File : V17170718A02.D
 Acq On : 18 Jul 2017 07:36
 Operator : VOA117:CBN
 Sample : WG1023786-4,31h,15,15,0.1
 Misc : WG1023786,ICAL13689
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 18 09:52:31 2017
 Quant Method : I:\VOLATILES\VOA117\2017\170718A\170718A_V117_170525_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 25 12:01:44 2017
 Response via : Initial Calibration

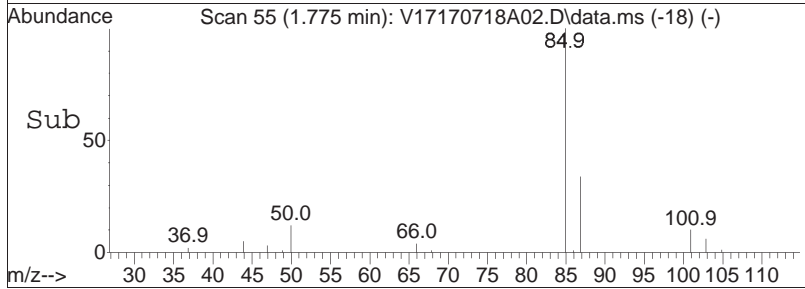
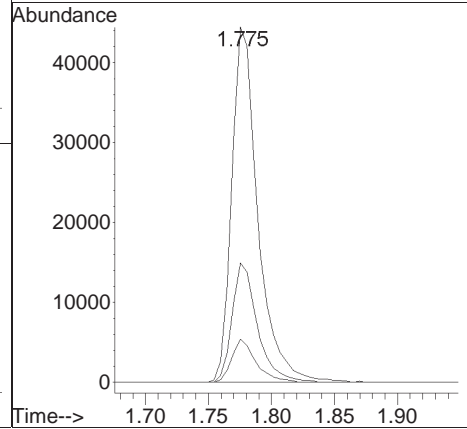
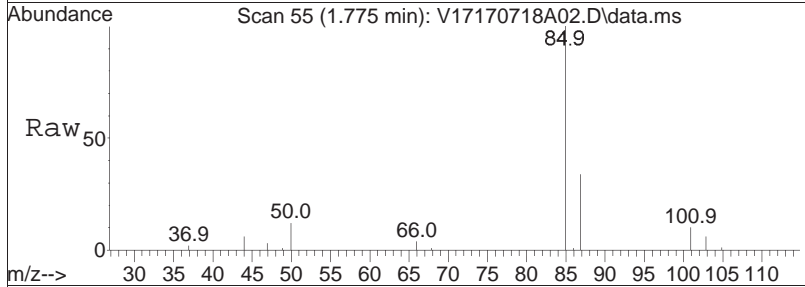
Sub List : 8260-CurveSoil - Megamix plus Diox8A\V17170718A01.D•

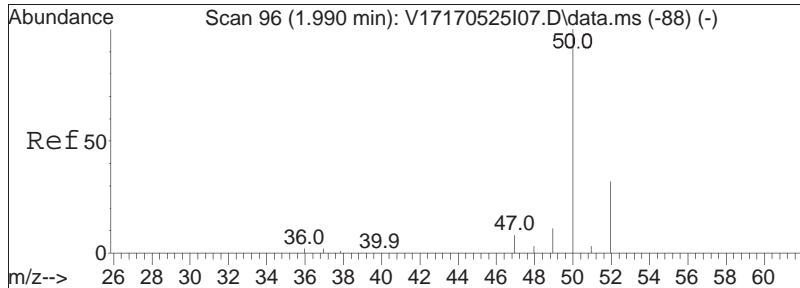




#2
 Dichlorodifluoromethane
 Concen: 19.12 ug/L
 RT: 1.775 min Scan# 55
 Delta R.T. -0.006 min
 Lab File: V17170718A02.D
 Acq: 18 Jul 2017 07:36

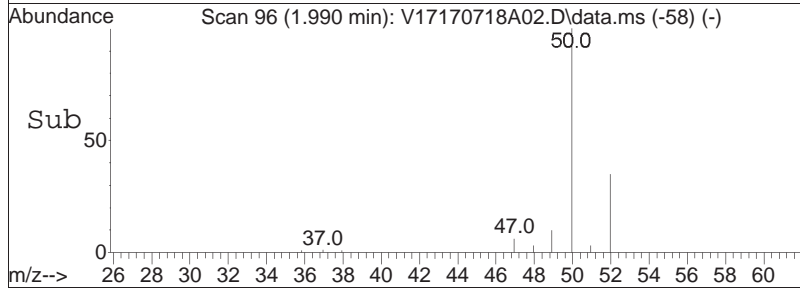
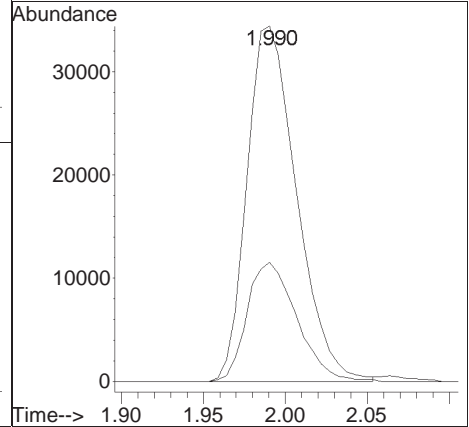
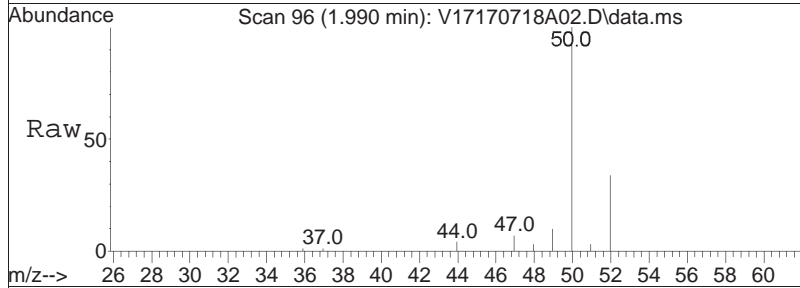
Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.4	20.9	43.5
50	11.3	9.2	19.0

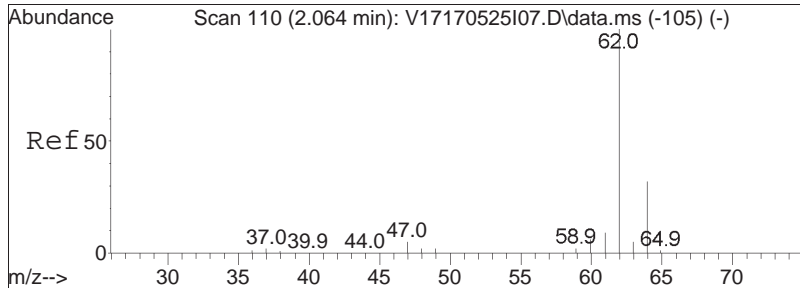




#3
 Chloromethane
 Concen: 17.69 ug/L
 RT: 1.990 min Scan# 96
 Delta R.T. -0.000 min
 Lab File: V17170718A02.D
 Acq: 18 Jul 2017 07:36

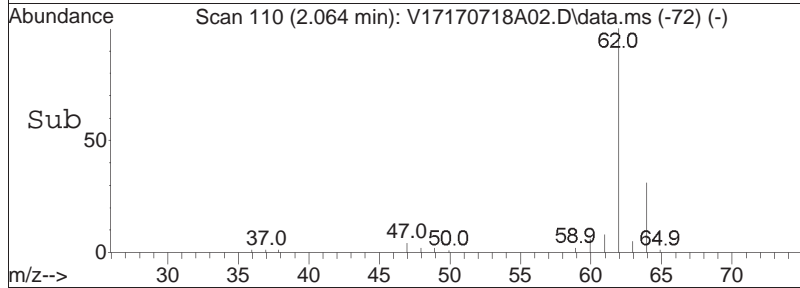
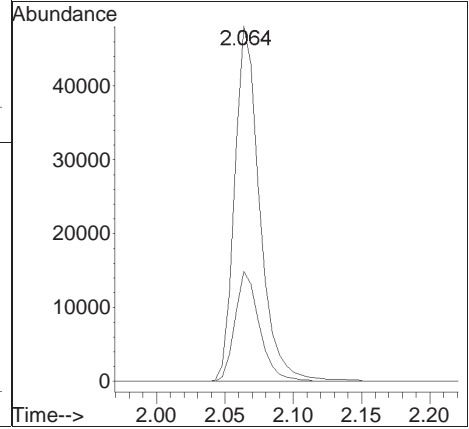
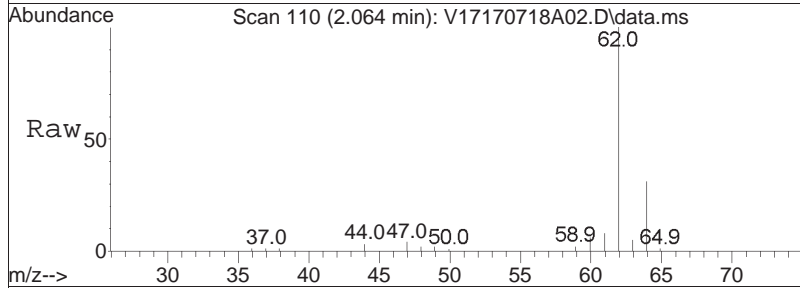
Tgt Ion:	50	Resp:	72455
Ion Ratio	Lower	Upper	
50	100		
52	33.4	11.9	51.9

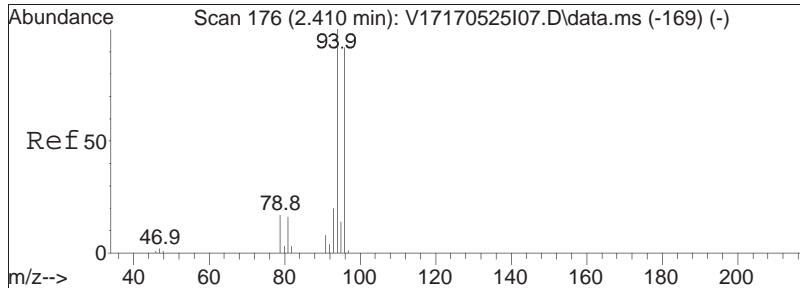




#4
 Vinyl chloride
 Concen: 15.41 ug/L
 RT: 2.064 min Scan# 110
 Delta R.T. -0.000 min
 Lab File: V17170718A02.D
 Acq: 18 Jul 2017 07:36

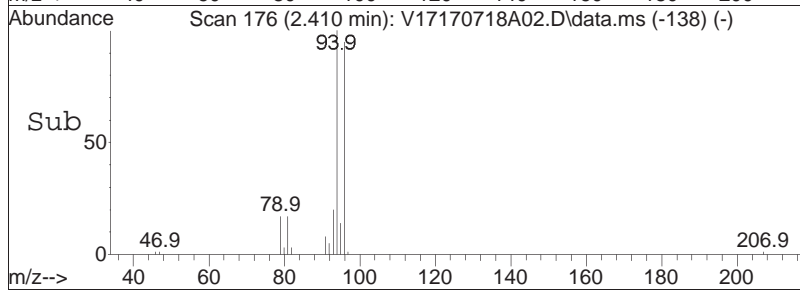
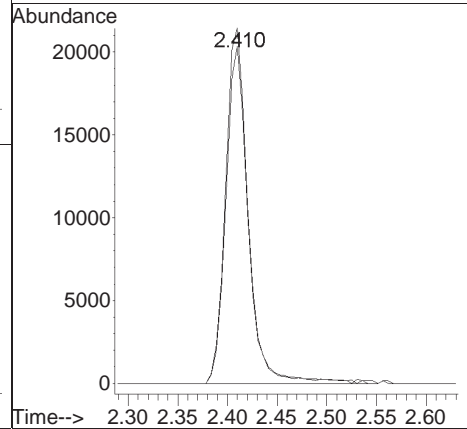
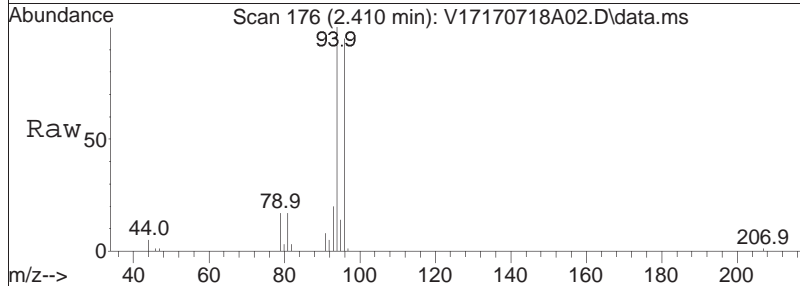
Tgt Ion	Resp	Lower	Upper
62	100		
64	30.2	10.2	50.2

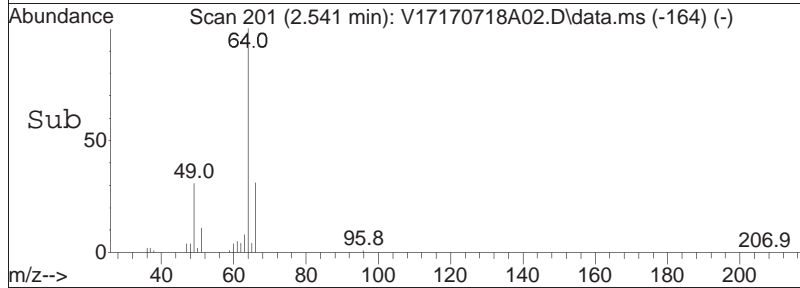
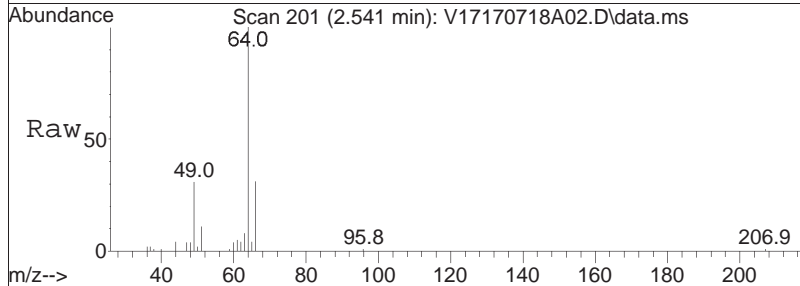
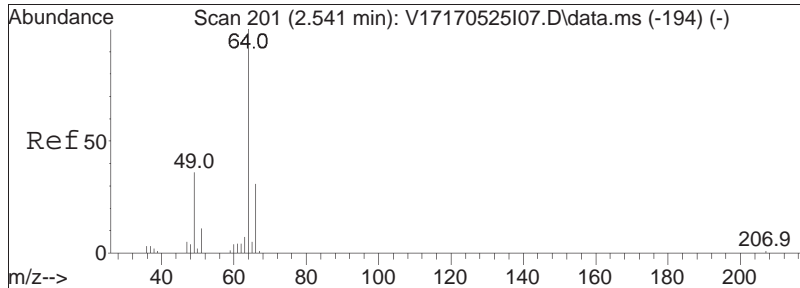




#5
 Bromomethane
 Concen: 13.32 ug/L
 RT: 2.410 min Scan# 176
 Delta R.T. -0.000 min
 Lab File: V17170718A02.D
 Acq: 18 Jul 2017 07:36

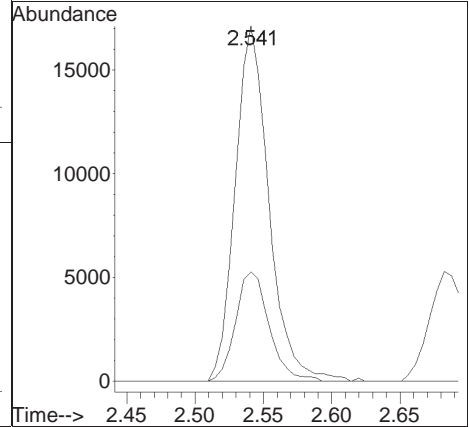
Tgt Ion:	94	Resp:	34148
Ion Ratio	Lower	Upper	
94	100		
96	92.0	74.6	114.6

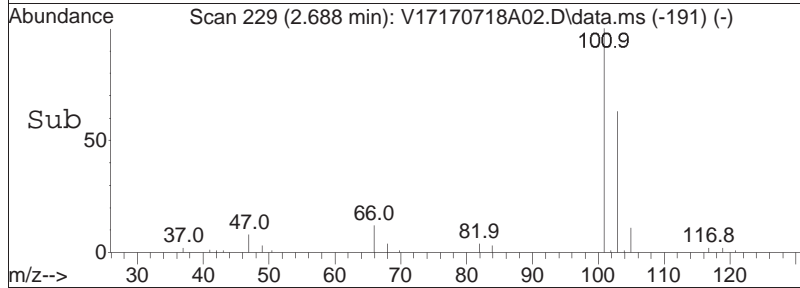
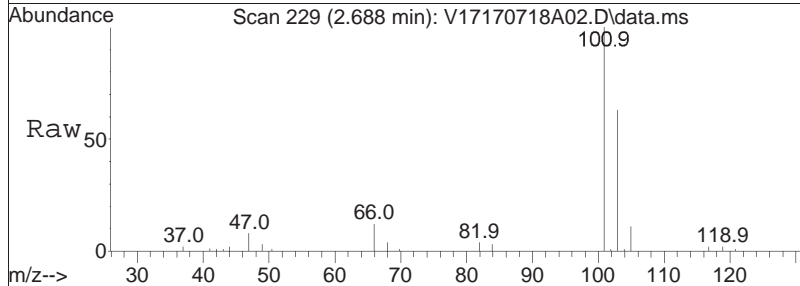
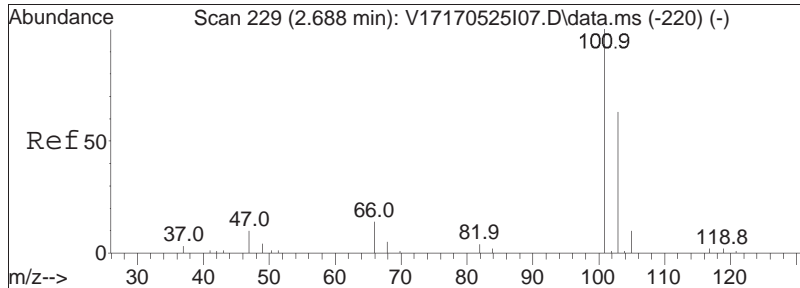




#6
 Chloroethane
 Concen: 13.84 ug/L
 RT: 2.541 min Scan# 201
 Delta R.T. -0.005 min
 Lab File: V17170718A02.D
 Acq: 18 Jul 2017 07:36

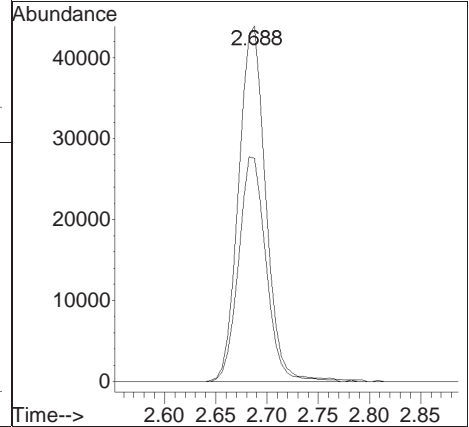
Tgt Ion	Resp	Lower	Upper
64	29442		
66	30.7	11.2	51.2

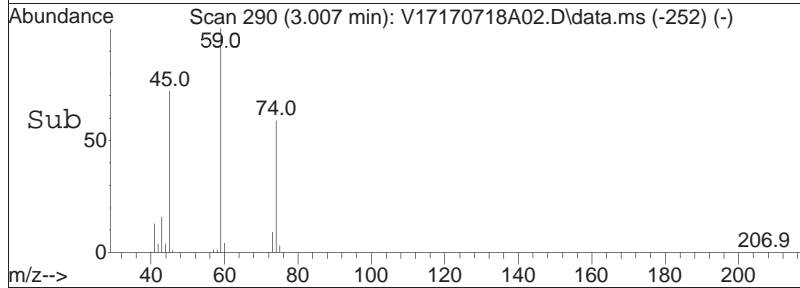
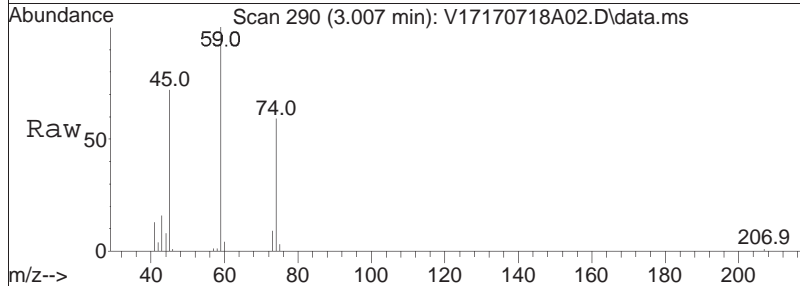
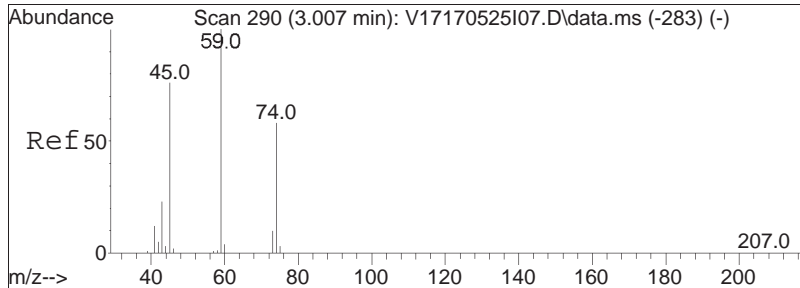




#7
 Trichlorofluoromethane
 Concen: 15.83 ug/L
 RT: 2.688 min Scan# 229
 Delta R.T. -0.000 min
 Lab File: V17170718A02.D
 Acq: 18 Jul 2017 07:36

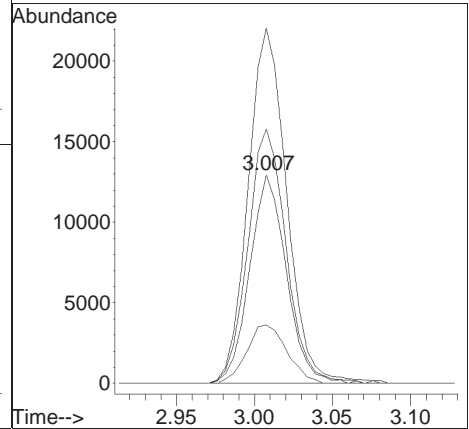
Tgt Ion	Resp	Lower	Upper
101	80964		
101	100		
103	63.7	52.6	78.8

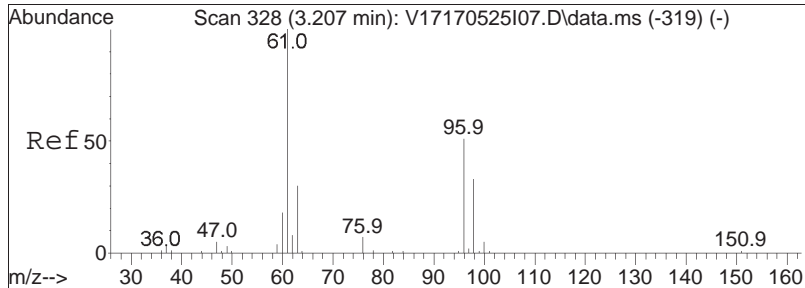




#8
 Ethyl ether
 Concen: 19.41 ug/L
 RT: 3.007 min Scan# 290
 Delta R.T. -0.000 min
 Lab File: V17170718A02.D
 Acq: 18 Jul 2017 07:36

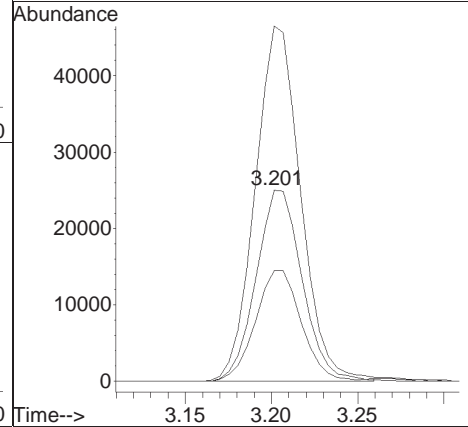
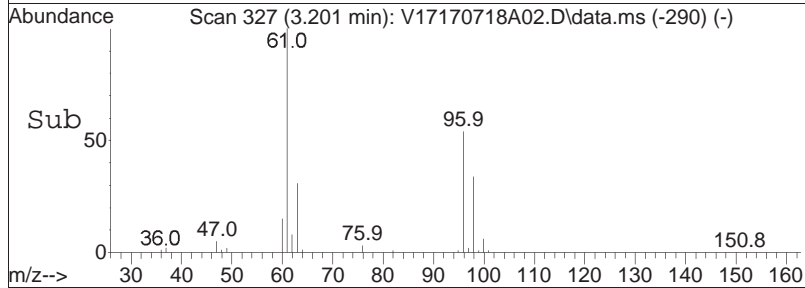
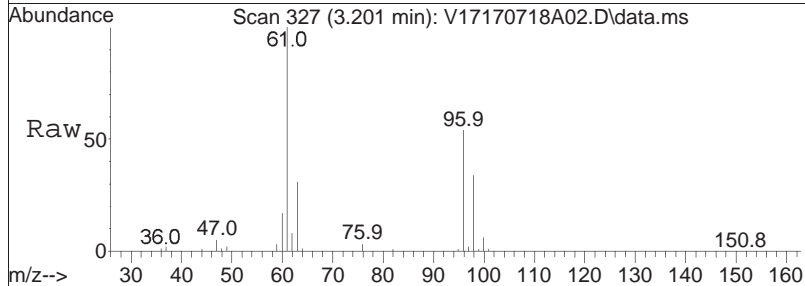
Tgt Ion	Resp	Lower	Upper
74	100		
59	178.6	122.6	254.6
45	126.9	102.1	212.1
43	30.7	24.8	51.6

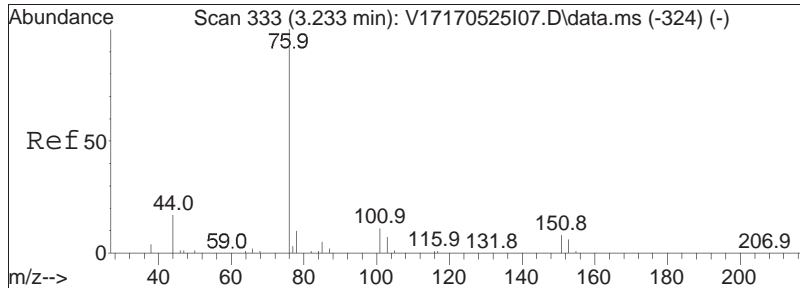




#10
 1,1-Dichloroethene
 Concen: 19.32 ug/L
 RT: 3.201 min Scan# 327
 Delta R.T. -0.005 min
 Lab File: V17170718A02.D
 Acq: 18 Jul 2017 07:36

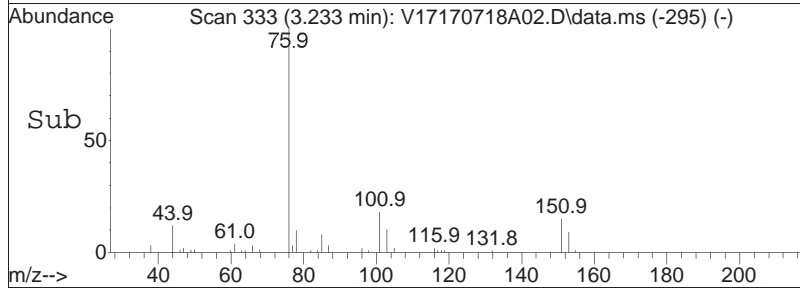
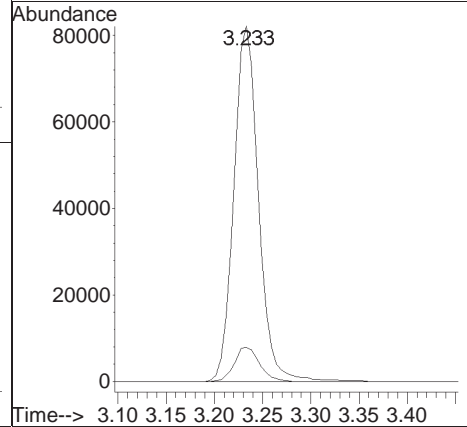
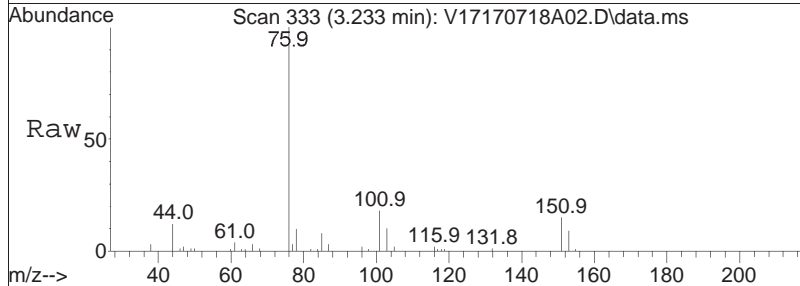
Tgt Ion	Resp	Lower	Upper
96	46530		
96	100		
61	184.7	153.9	230.9
63	58.3	48.2	72.2

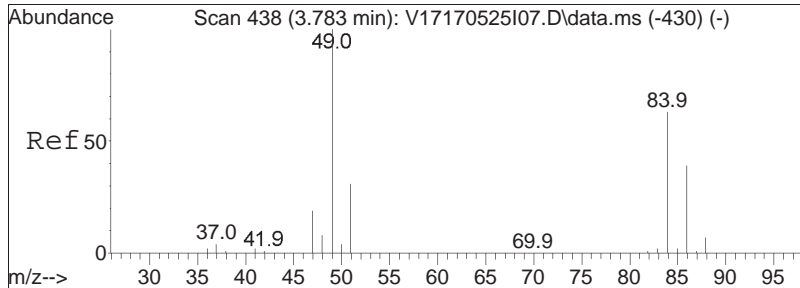




#11
 Carbon disulfide
 Concen: 16.05 ug/L
 RT: 3.233 min Scan# 333
 Delta R.T. -0.000 min
 Lab File: V17170718A02.D
 Acq: 18 Jul 2017 07:36

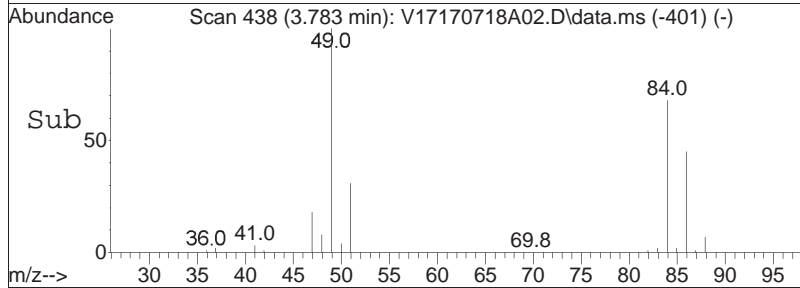
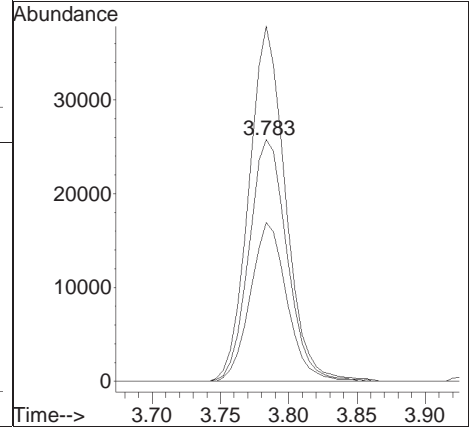
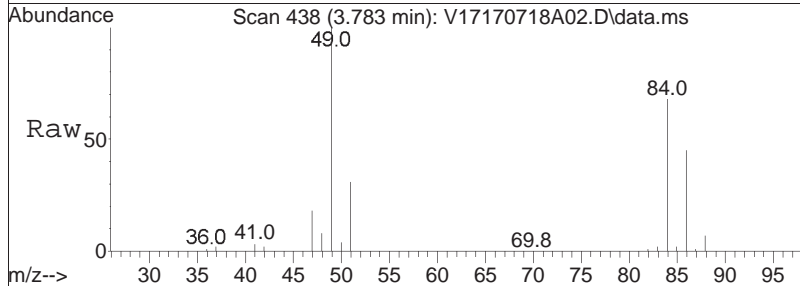
Tgt Ion	Resp	Lower	Upper
76	145743		
76	100		
78	9.8	6.4	13.4

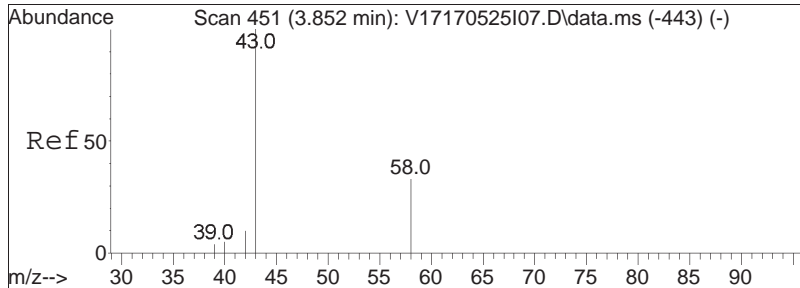




#15
 Methylene chloride
 Concen: 18.64 ug/L
 RT: 3.783 min Scan# 438
 Delta R.T. -0.006 min
 Lab File: V17170718A02.D
 Acq: 18 Jul 2017 07:36

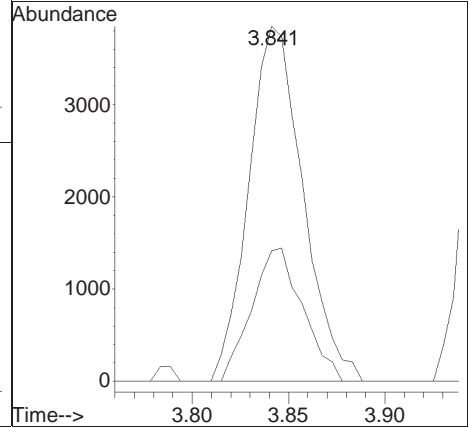
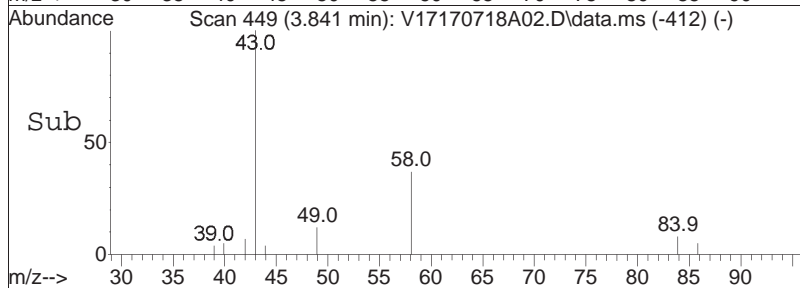
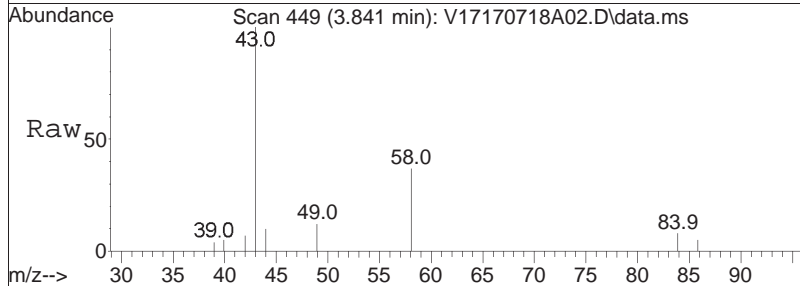
Tgt Ion:	Resp:		
Ion Ratio	Lower	Upper	
84	100		
86	63.4	42.4	88.2
49	141.2	117.3	243.5

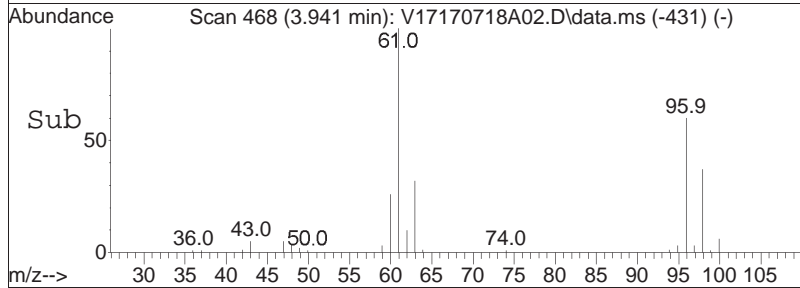
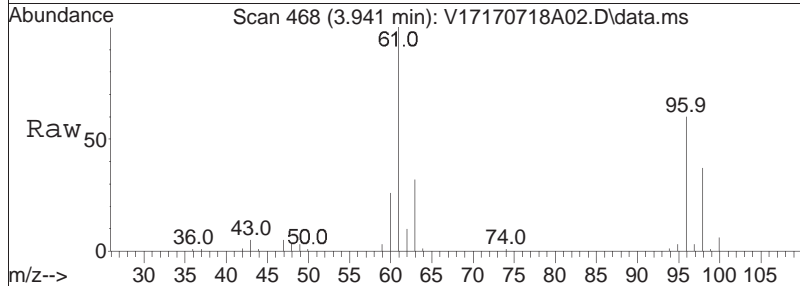
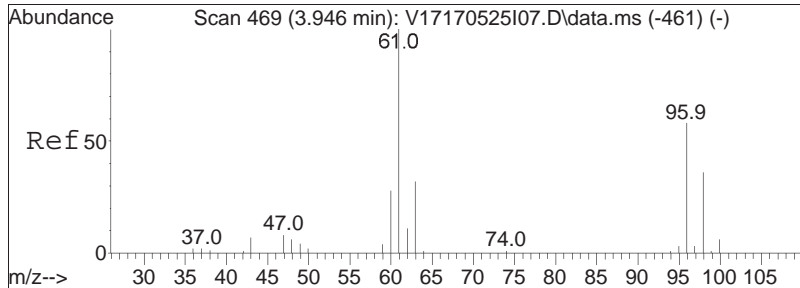




#17
 Acetone
 Concen: 16.33 ug/L
 RT: 3.841 min Scan# 449
 Delta R.T. -0.006 min
 Lab File: V17170718A02.D
 Acq: 18 Jul 2017 07:36

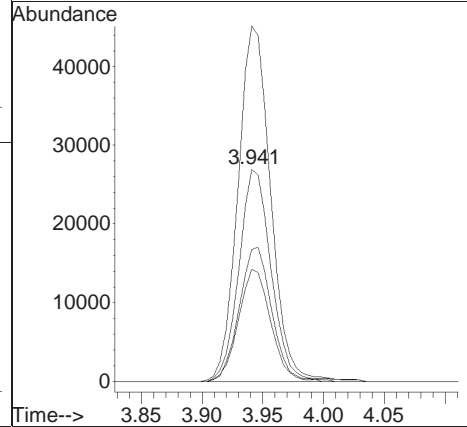
Tgt Ion: 43 Resp: 7541
 Ion Ratio Lower Upper
 43 100
 58 35.2 25.1 37.7

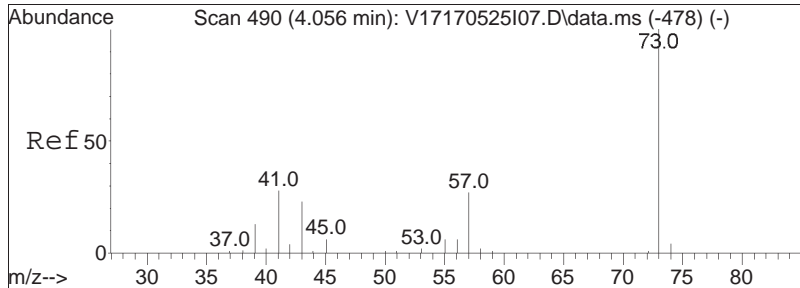




#18
 trans-1,2-Dichloroethene
 Concen: 18.90 ug/L
 RT: 3.941 min Scan# 468
 Delta R.T. -0.005 min
 Lab File: V17170718A02.D
 Acq: 18 Jul 2017 07:36

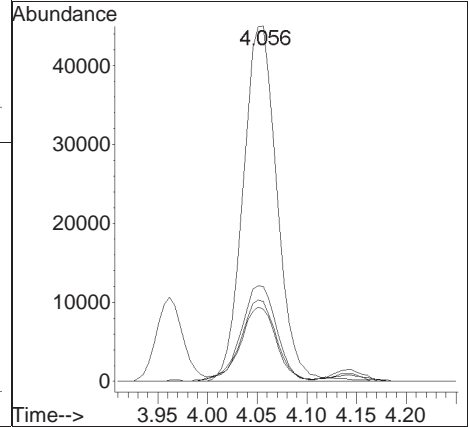
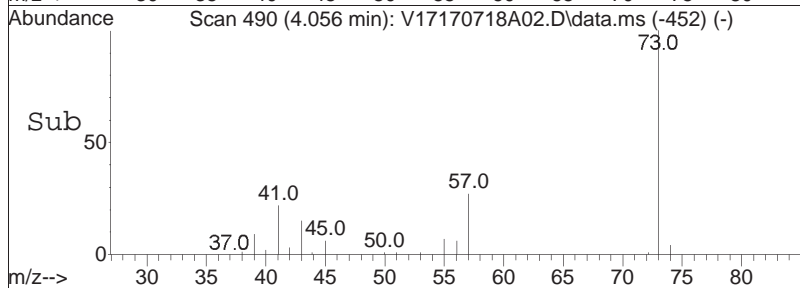
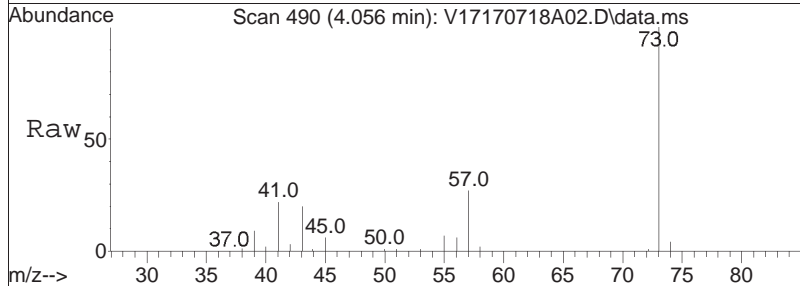
Tgt Ion	Resp	Lower	Upper
96	49900		
96	100		
61	169.5	113.8	236.4
98	63.5	41.3	85.7
63	52.6	35.8	74.4

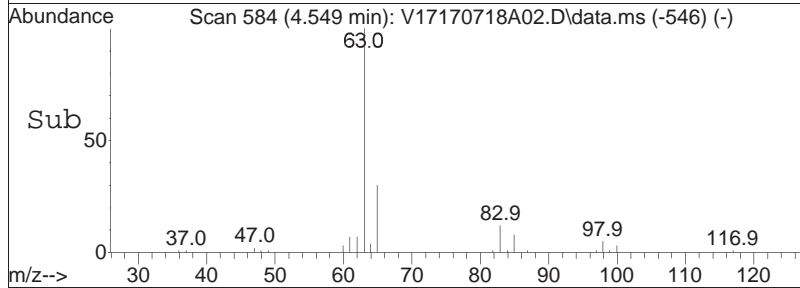
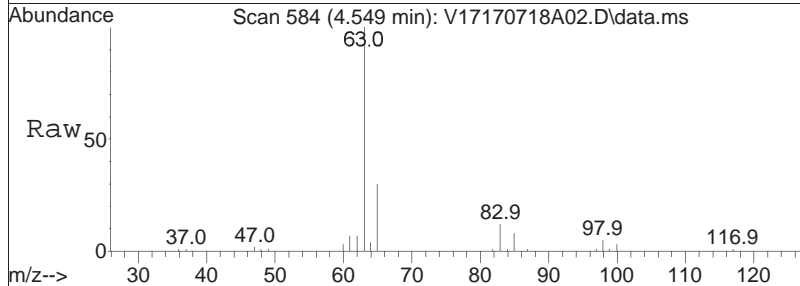
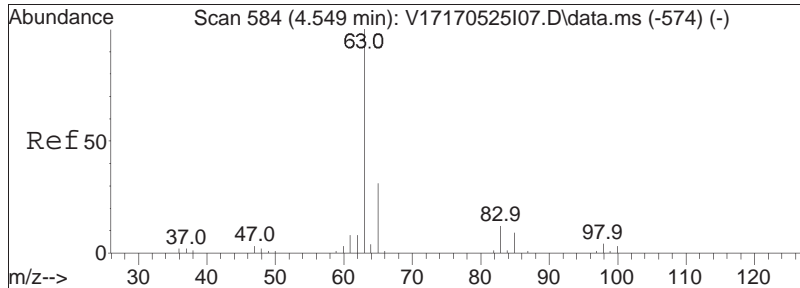




#20
 Methyl tert-butyl ether
 Concen: 17.92 ug/L
 RT: 4.056 min Scan# 490
 Delta R.T. 0.000 min
 Lab File: V17170718A02.D
 Acq: 18 Jul 2017 07:36

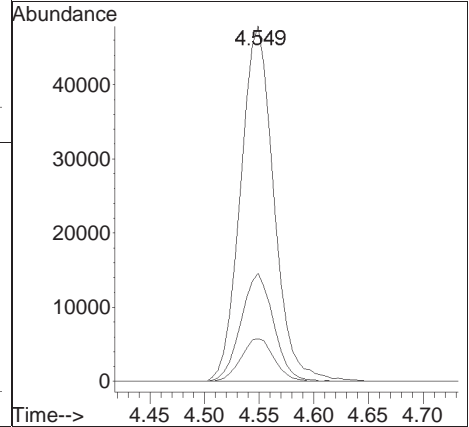
Tgt Ion	Resp	Lower	Upper
73	106884		
57	28.6	18.7	38.9
43	21.9	18.1	37.7
41	24.0	17.9	37.3

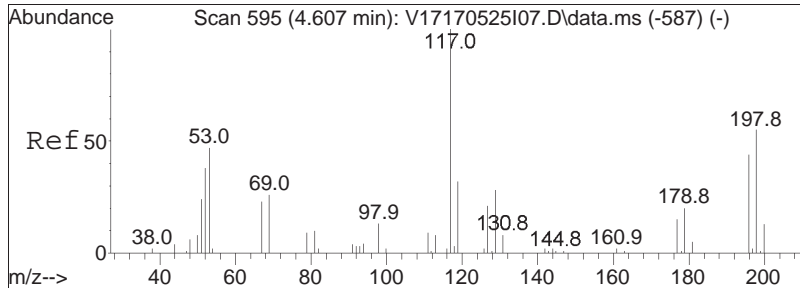




#23
 1,1-Dichloroethane
 Concen: 18.47 ug/L
 RT: 4.549 min Scan# 584
 Delta R.T. -0.000 min
 Lab File: V17170718A02.D
 Acq: 18 Jul 2017 07:36

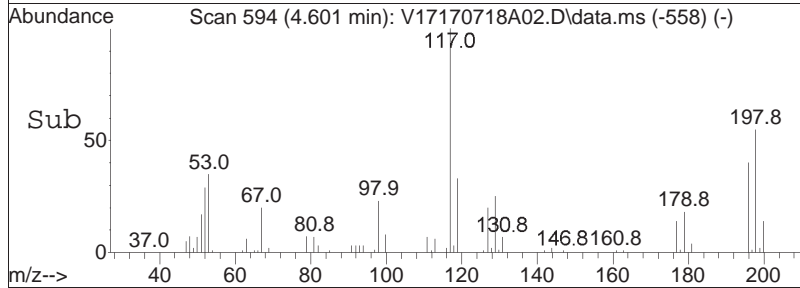
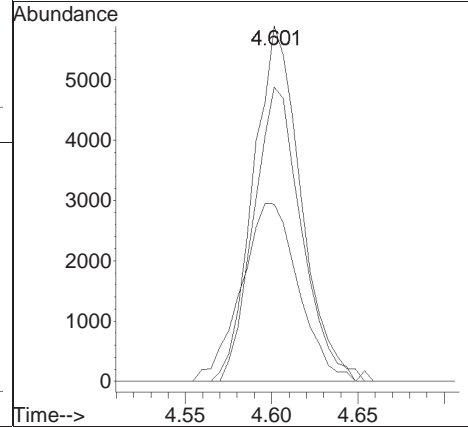
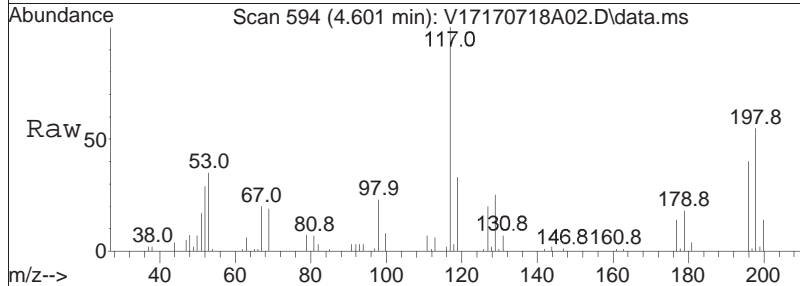
Tgt Ion:	Resp:	Lower	Upper
63	101581		
65	29.8	10.2	50.2
83	12.0	0.0	32.4

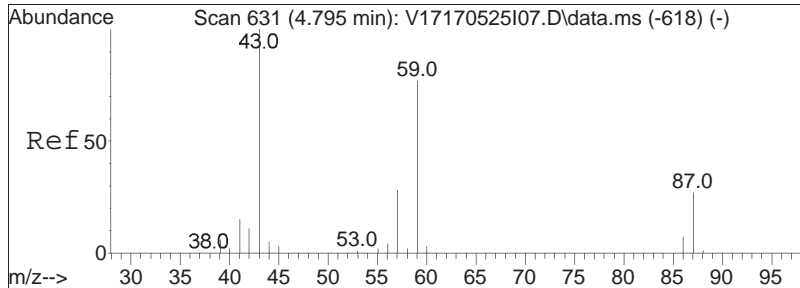




#25
 Acrylonitrile
 Concen: 18.42 ug/L
 RT: 4.601 min Scan# 594
 Delta R.T. -0.011 min
 Lab File: V17170718A02.D
 Acq: 18 Jul 2017 07:36

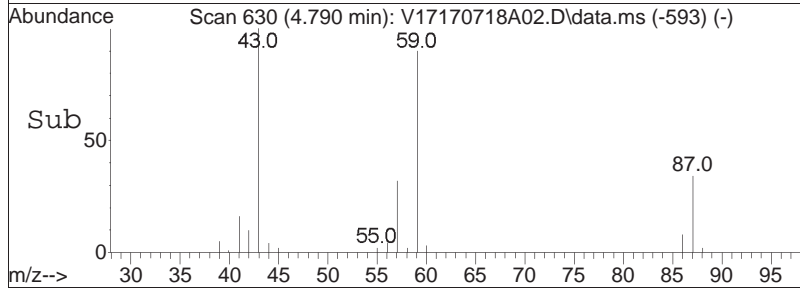
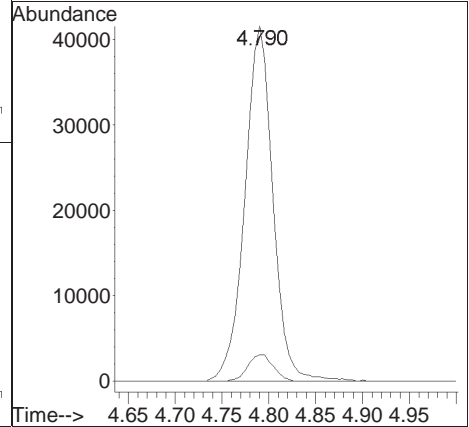
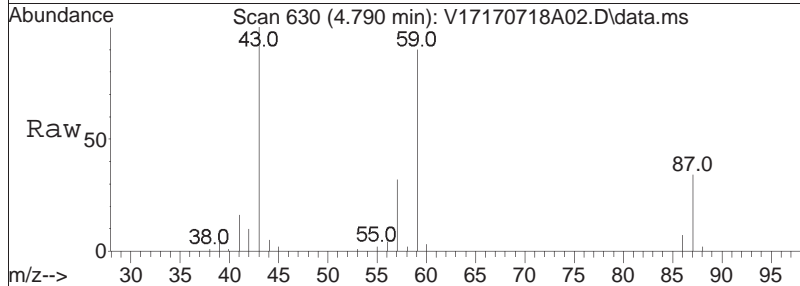
Tgt Ion:	53	Resp:	11320
Ion Ratio	Lower	Upper	
53	100		
52	83.2	68.6	103.0
51	60.1	38.2	57.4#

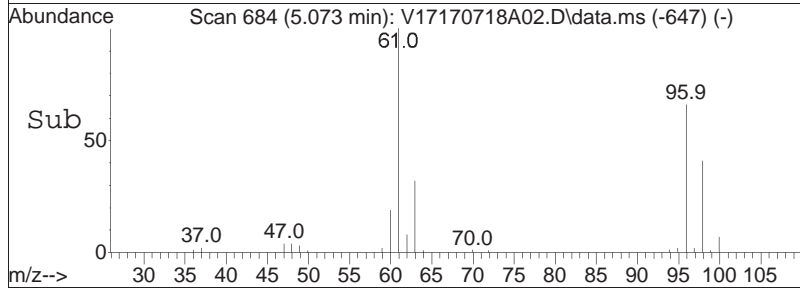
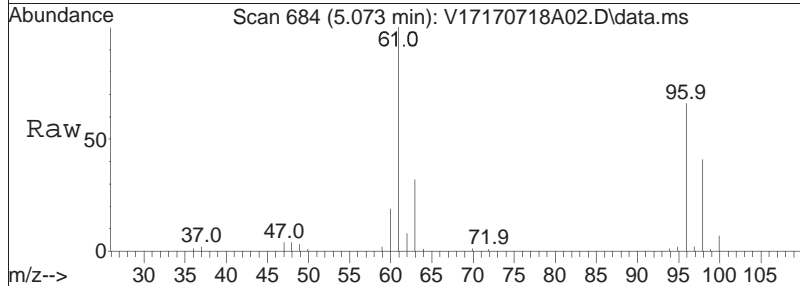
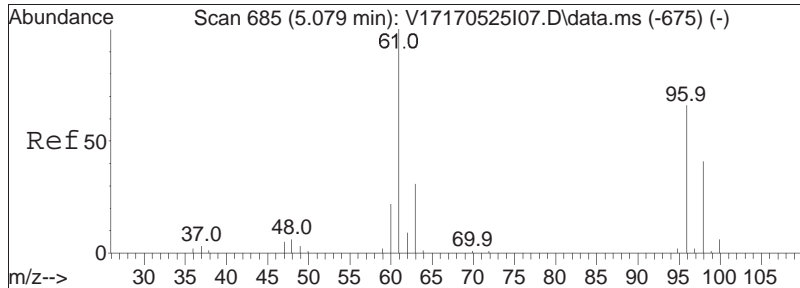




#27
 Vinyl acetate
 Concen: 17.11 ug/L
 RT: 4.790 min Scan# 630
 Delta R.T. -0.006 min
 Lab File: V17170718A02.D
 Acq: 18 Jul 2017 07:36

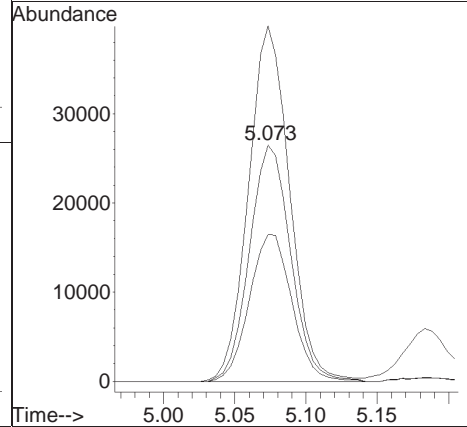
Tgt Ion:	43	86	Resp:	100	6.9	86955	Lower	Upper
							4.6	6.8#

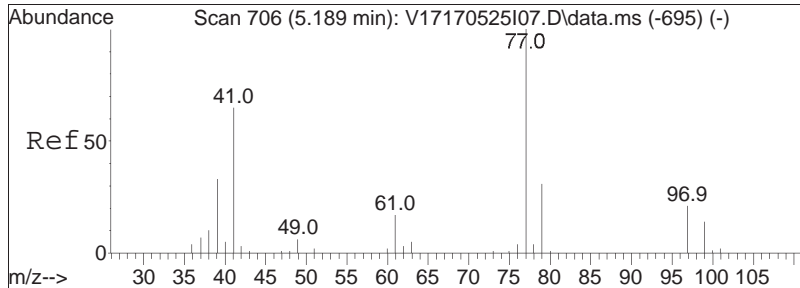




#28
 cis-1,2-Dichloroethene
 Concen: 18.85 ug/L
 RT: 5.073 min Scan# 684
 Delta R.T. -0.006 min
 Lab File: V17170718A02.D
 Acq: 18 Jul 2017 07:36

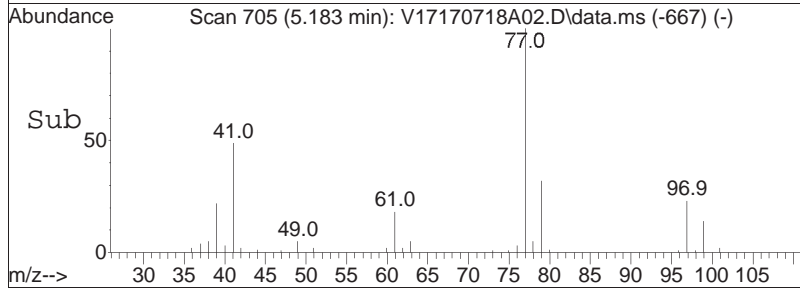
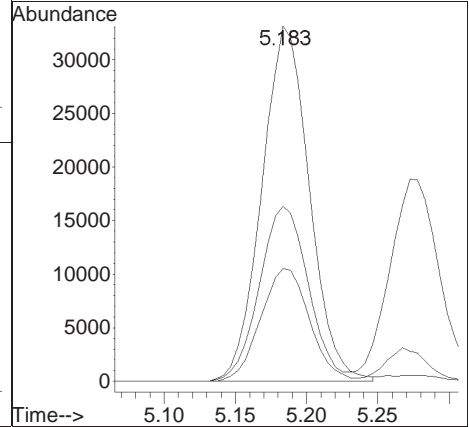
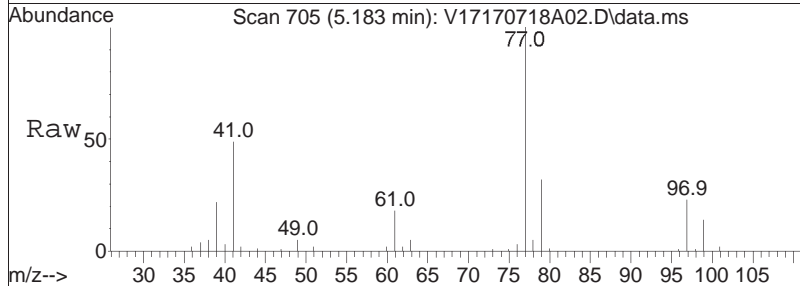
Tgt Ion:	Resp:		
Ion Ratio	Lower	Upper	
96	100		
61	149.9	119.3	178.9
98	64.2	52.0	78.0

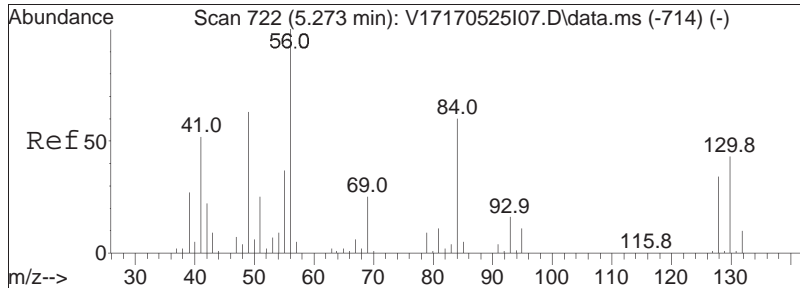




#29
 2,2-Dichloropropane
 Concen: 18.59 ug/L
 RT: 5.183 min Scan# 705
 Delta R.T. -0.001 min
 Lab File: V17170718A02.D
 Acq: 18 Jul 2017 07:36

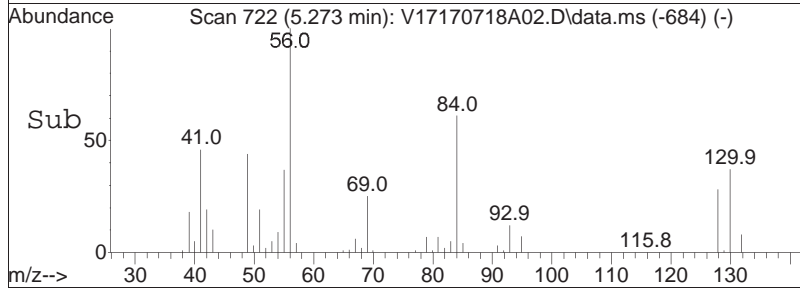
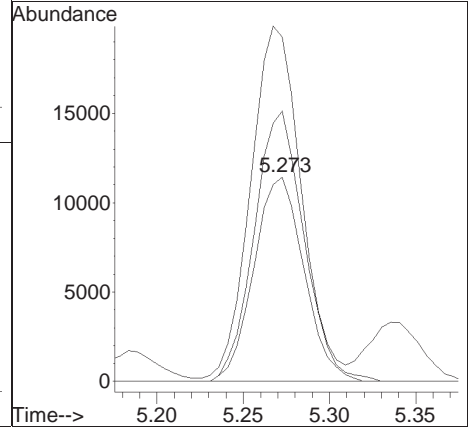
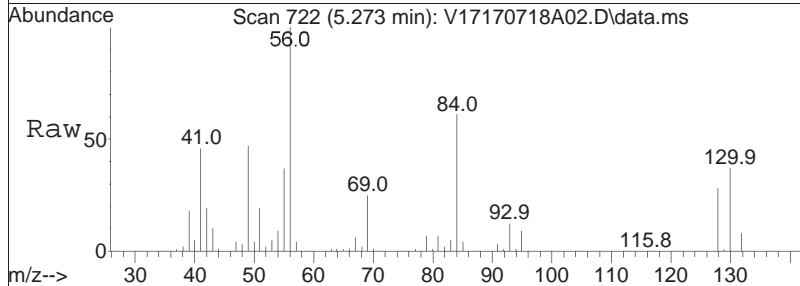
Tgt Ion:	Resp:		
Ion	Ratio	Lower	Upper
77	100		
41	50.8	43.4	90.0
79	32.7	20.9	43.3

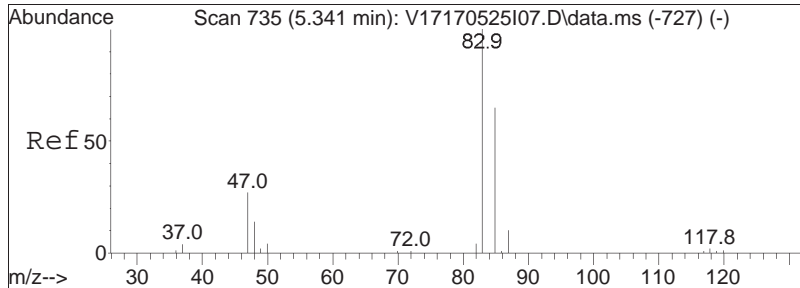




#30
 Bromochloromethane
 Concen: 18.59 ug/L
 RT: 5.273 min Scan# 722
 Delta R.T. -0.000 min
 Lab File: V17170718A02.D
 Acq: 18 Jul 2017 07:36

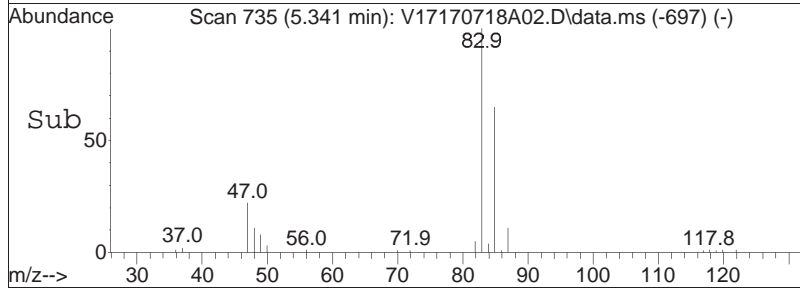
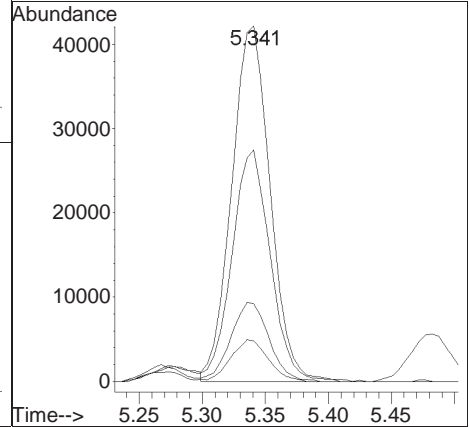
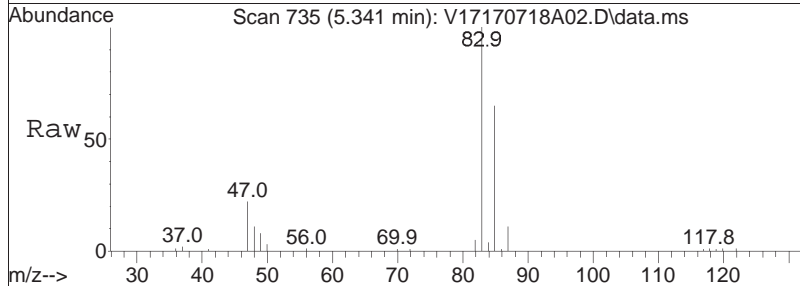
Tgt Ion	Resp	Lower	Upper
128	23118		
128	100		
49	176.2	153.4	230.0
130	131.6	103.9	155.9

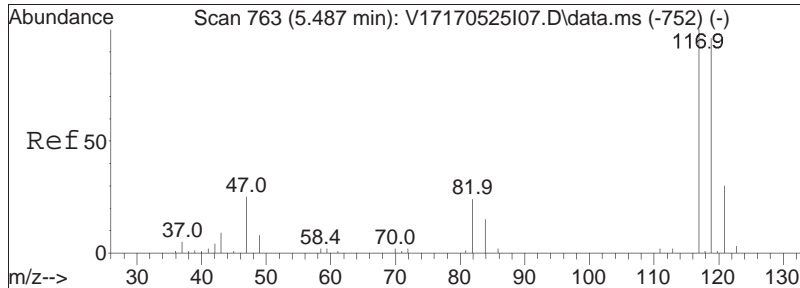




#32
 Chloroform
 Concen: 18.06 ug/L
 RT: 5.341 min Scan# 735
 Delta R.T. -0.000 min
 Lab File: V17170718A02.D
 Acq: 18 Jul 2017 07:36

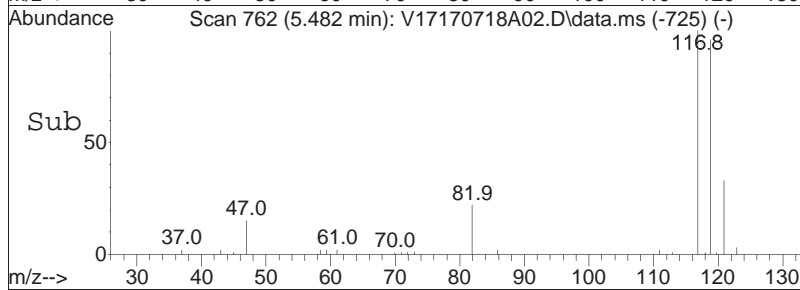
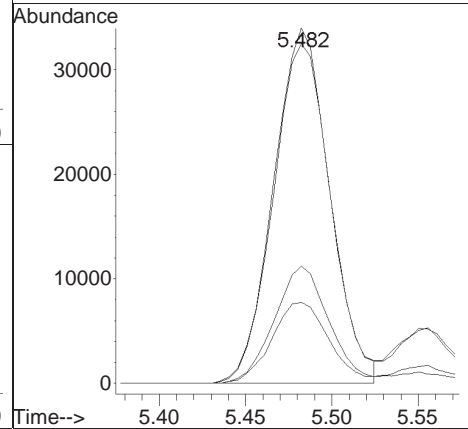
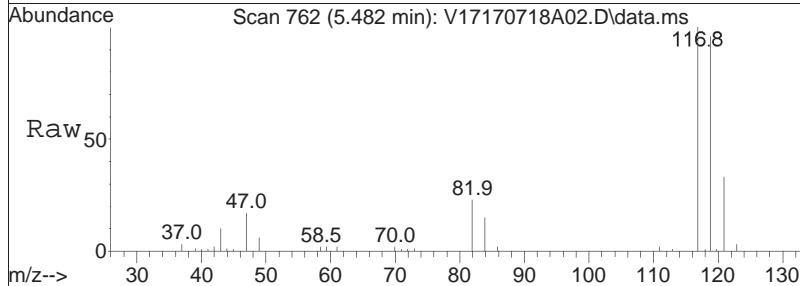
Tgt Ion	Resp	Lower	Upper
83	89527		
85	64.7	41.3	85.7
47	22.2	17.9	37.3
48	11.5	9.3	19.3

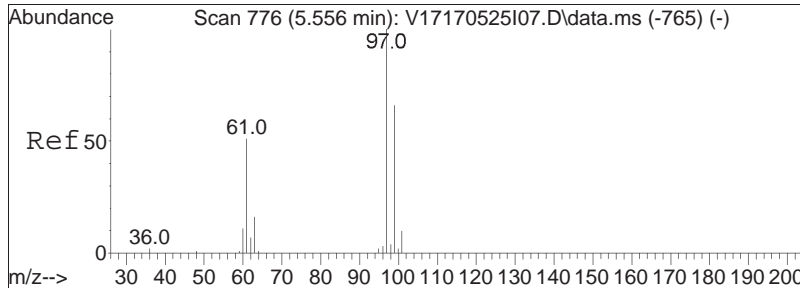




#34
 Carbon tetrachloride
 Concen: 19.36 ug/L
 RT: 5.482 min Scan# 762
 Delta R.T. -0.006 min
 Lab File: V17170718A02.D
 Acq: 18 Jul 2017 07:36

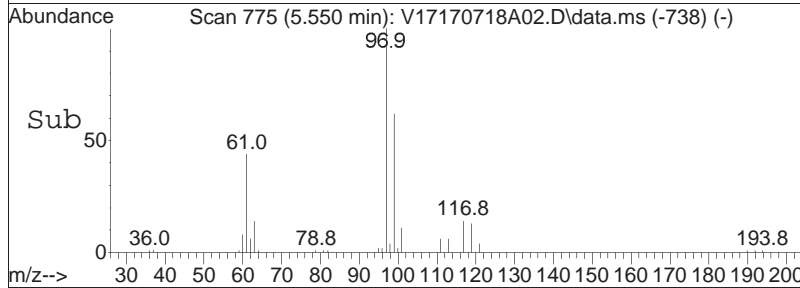
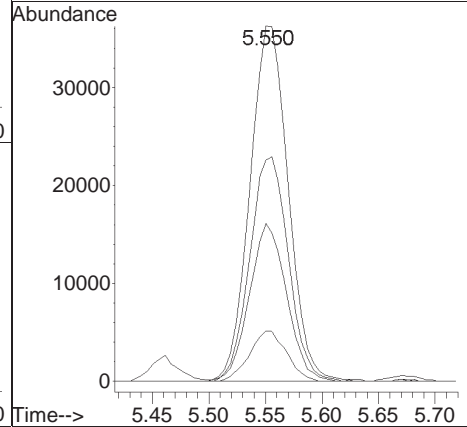
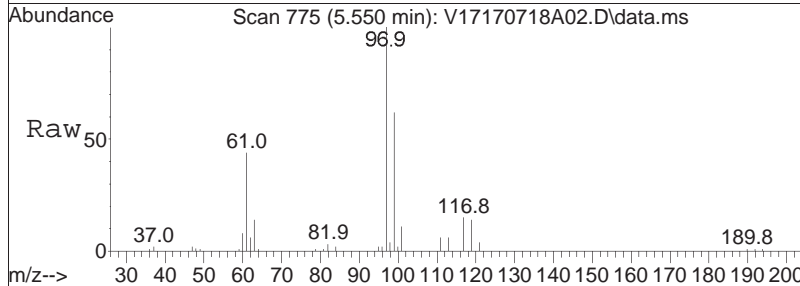
Tgt Ion	Resp	Lower	Upper
117	77003		
117	100		
119	98.3	63.2	131.2
121	32.1	20.8	43.2
82	23.4	15.1	31.5

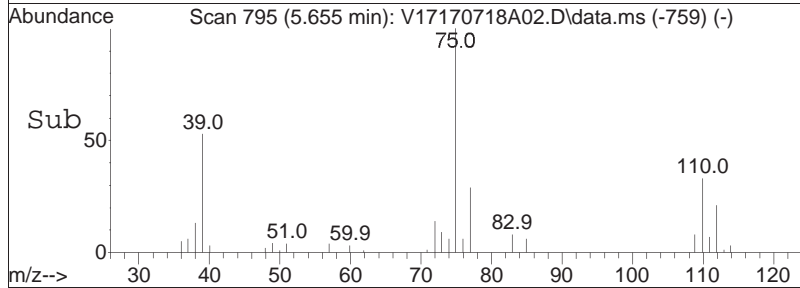
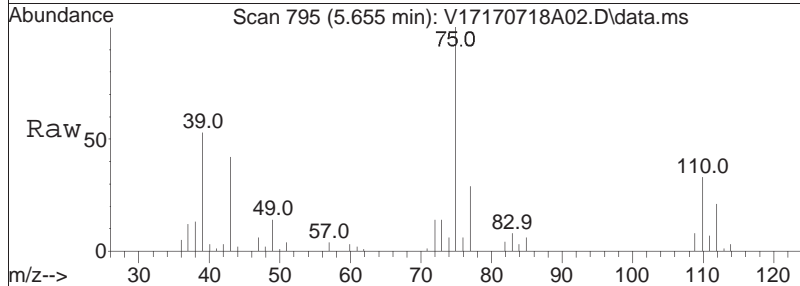
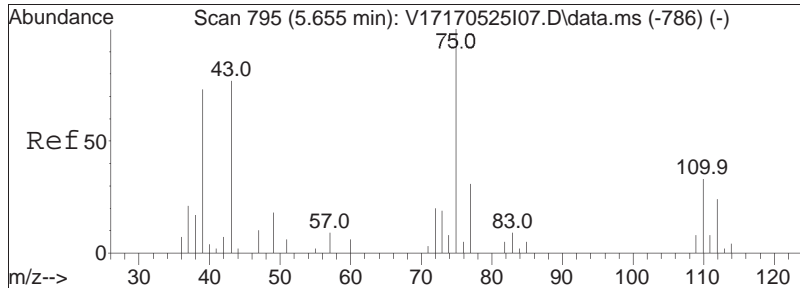




#37
 1,1,1-Trichloroethane
 Concen: 18.79 ug/L
 RT: 5.550 min Scan# 775
 Delta R.T. -0.006 min
 Lab File: V17170718A02.D
 Acq: 18 Jul 2017 07:36

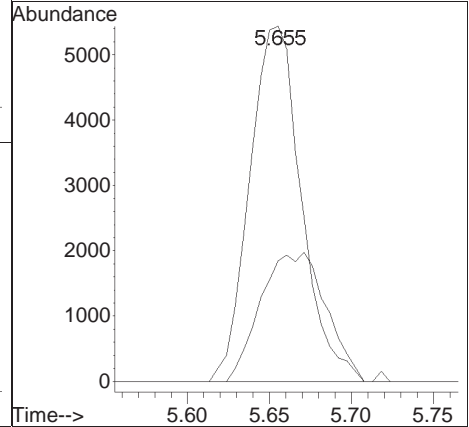
Tgt Ion:	Resp:		
Ion Ratio	Lower	Upper	
97	100		
99	63.7	42.0	87.2
61	43.2	29.7	61.7
63	13.8	9.4	19.4

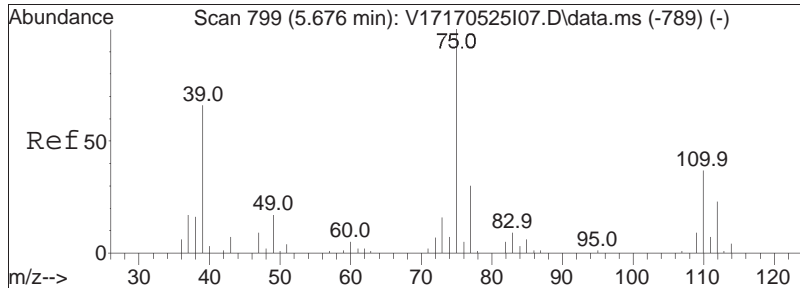




#39
 2-Butanone
 Concen: 16.79 ug/L
 RT: 5.655 min Scan# 795
 Delta R.T. -0.011 min
 Lab File: V17170718A02.D
 Acq: 18 Jul 2017 07:36

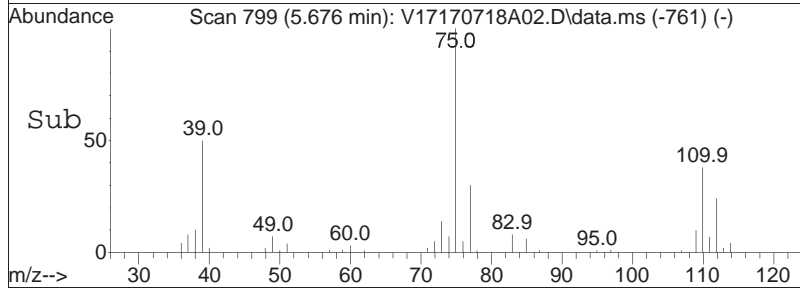
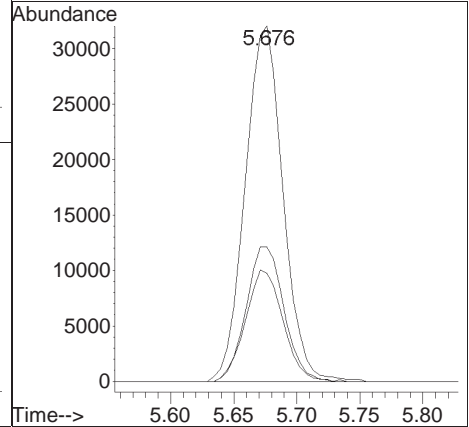
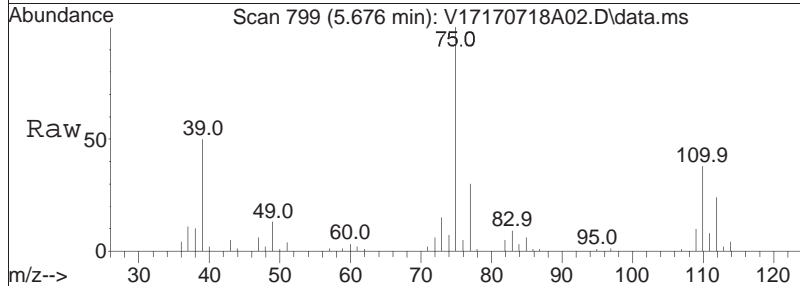
Tgt Ion:	43	Resp:	11918
Ion Ratio	Lower	Upper	
43	100		
72	45.8	20.4	30.6#

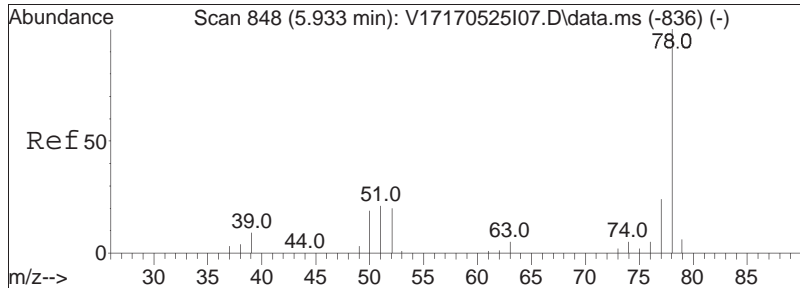




#40
 1,1-Dichloropropene
 Concen: 18.46 ug/L
 RT: 5.676 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: V17170718A02.D
 Acq: 18 Jul 2017 07:36

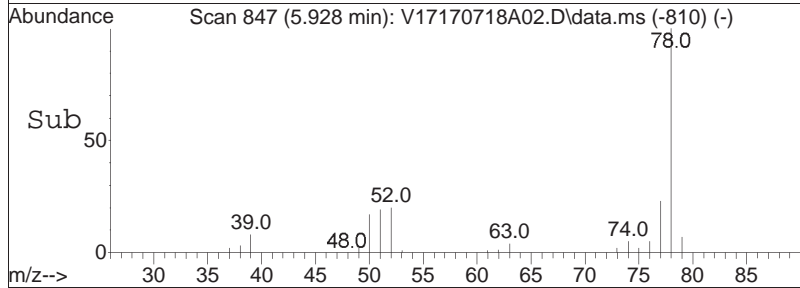
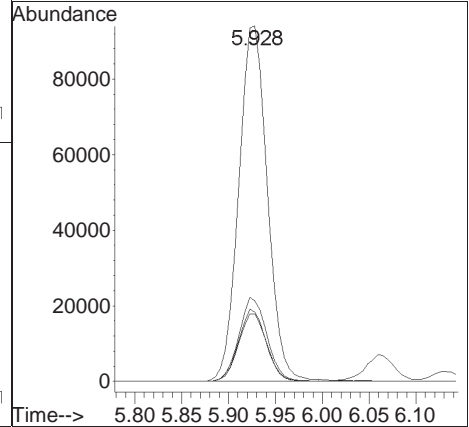
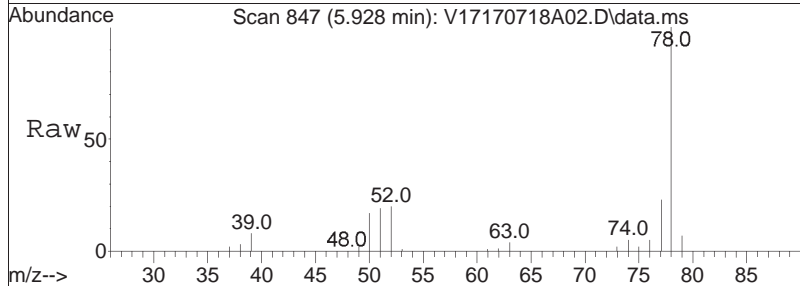
Tgt Ion	Resp	Lower	Upper
75	100		
110	37.9	25.9	53.7
77	31.0	20.3	42.3

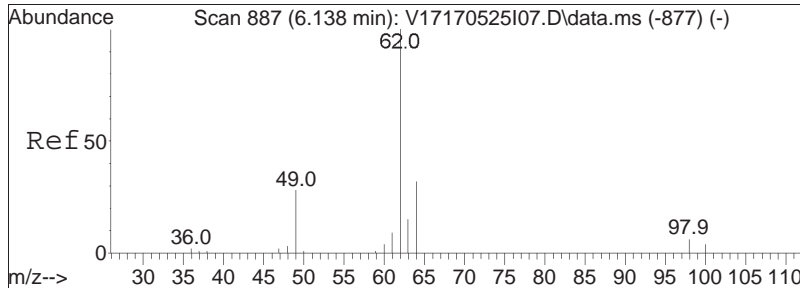




#41
Benzene
Concen: 18.43 ug/L
RT: 5.928 min Scan# 847
Delta R.T. -0.005 min
Lab File: V17170718A02.D
Acq: 18 Jul 2017 07:36

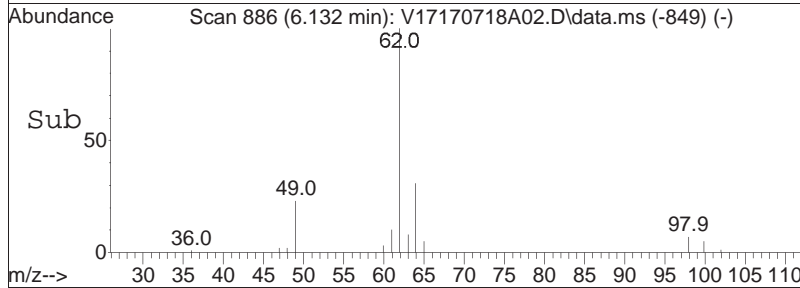
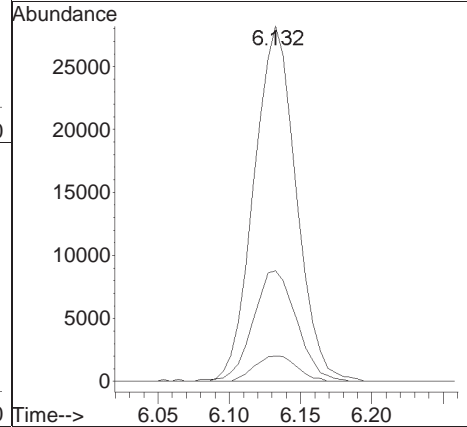
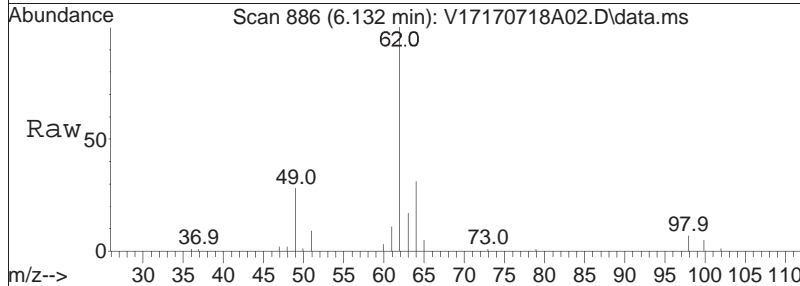
Tgt Ion	Resp	Lower	Upper
78	100		
77	23.1	15.0	31.1
51	18.7	14.0	29.2
52	19.7	14.3	29.7

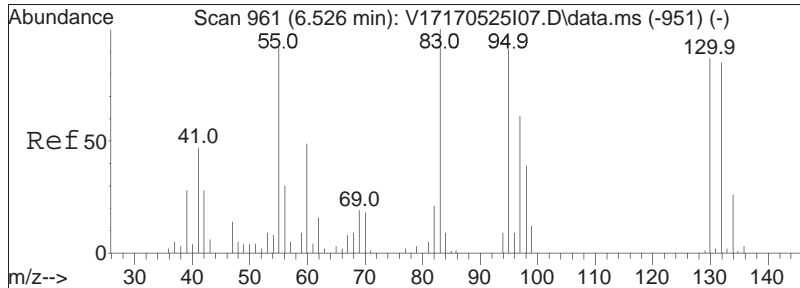




#44
 1,2-Dichloroethane
 Concen: 15.93 ug/L
 RT: 6.132 min Scan# 886
 Delta R.T. -0.006 min
 Lab File: V17170718A02.D
 Acq: 18 Jul 2017 07:36

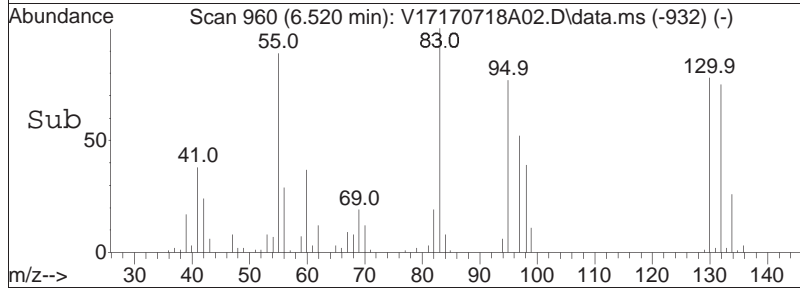
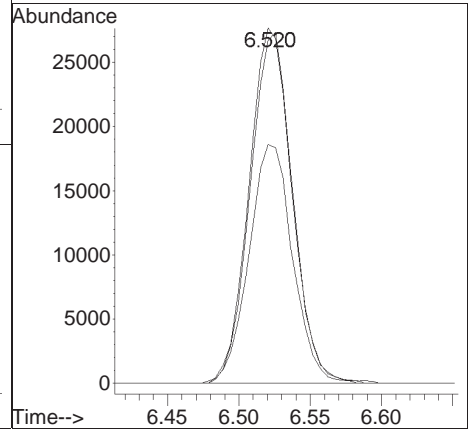
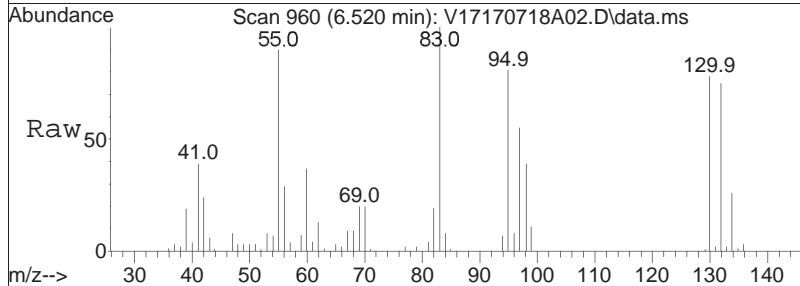
Tgt Ion:	Resp:	Lower	Upper
62	100		
64	32.2	11.8	51.8
98	7.2	0.0	27.1

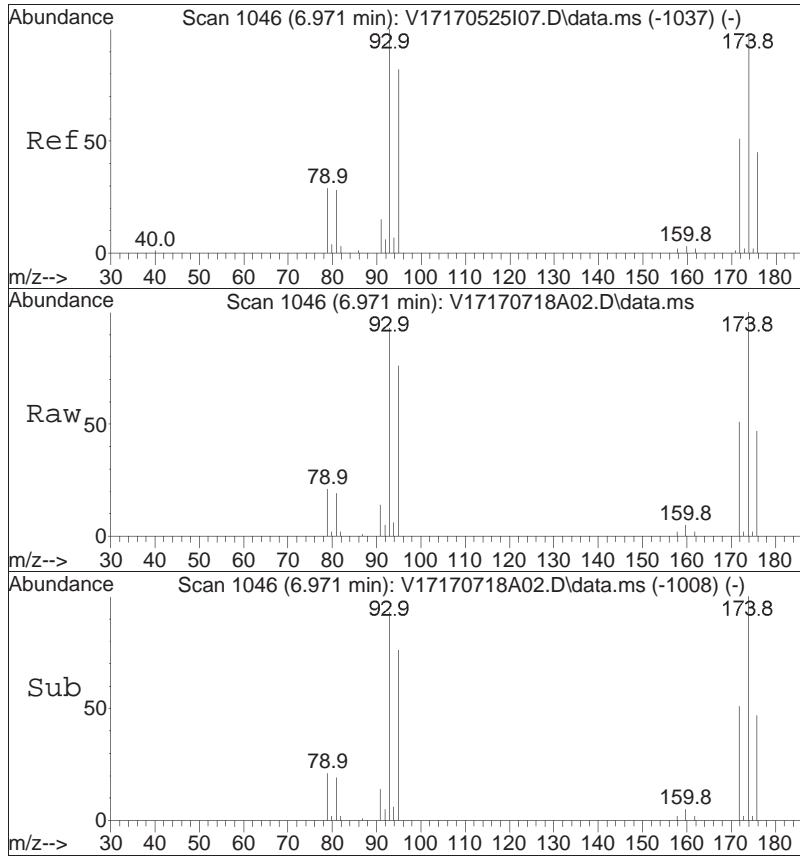




#48
 Trichloroethene
 Concen: 18.45 ug/L
 RT: 6.520 min Scan# 960
 Delta R.T. -0.006 min
 Lab File: V17170718A02.D
 Acq: 18 Jul 2017 07:36

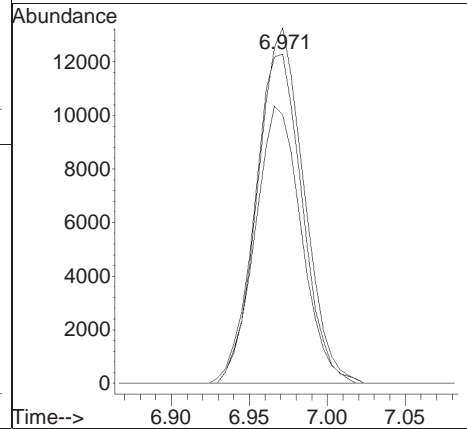
Tgt Ion	Resp	Lower	Upper
95	58082		
95	100		
97	68.4	53.8	80.8
130	97.7	81.5	122.3

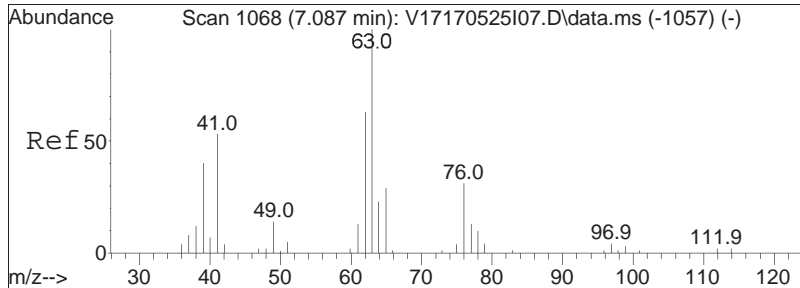




#50
 Dibromomethane
 Concen: 17.64 ug/L
 RT: 6.971 min Scan# 1046
 Delta R.T. 0.000 min
 Lab File: V17170718A02.D
 Acq: 18 Jul 2017 07:36

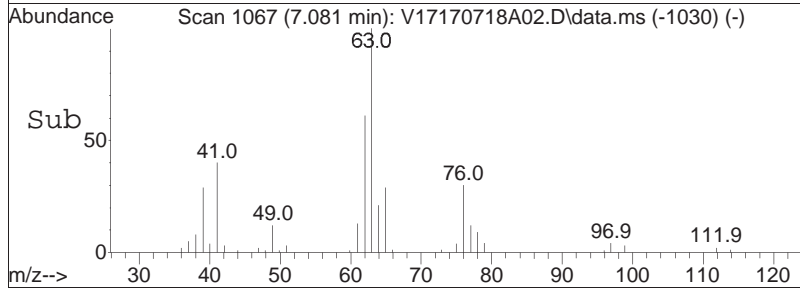
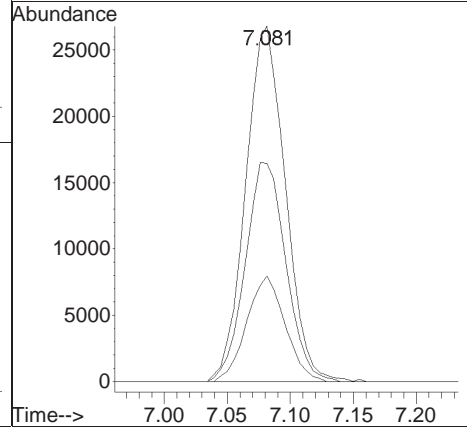
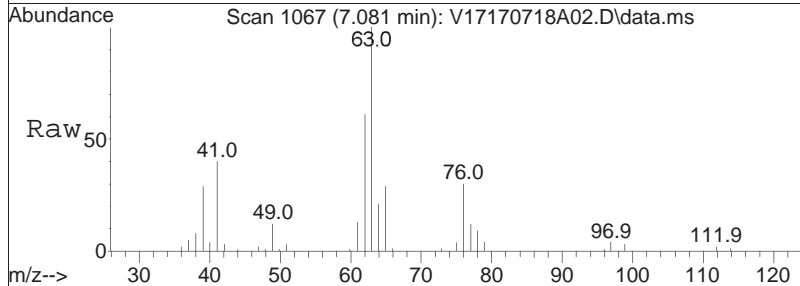
Tgt Ion	Resp	Lower	Upper
93	25905		
93	100		
95	82.4	67.5	101.3
174	105.5	89.9	134.9

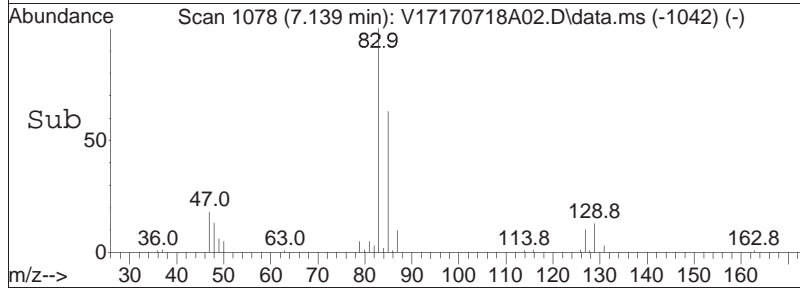
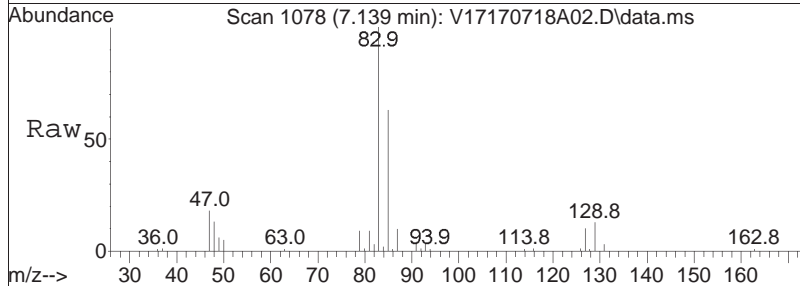
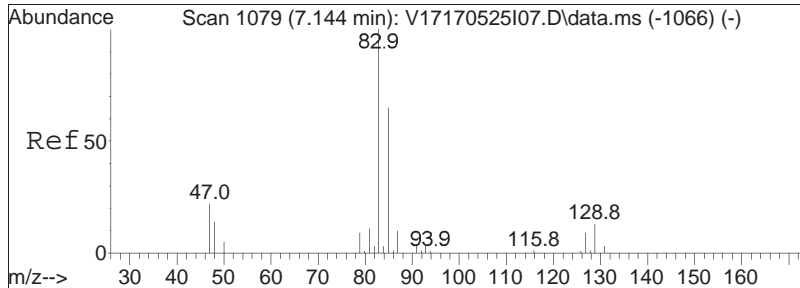




#51
 1,2-Dichloropropane
 Concen: 18.46 ug/L
 RT: 7.081 min Scan# 1067
 Delta R.T. -0.006 min
 Lab File: V17170718A02.D
 Acq: 18 Jul 2017 07:36

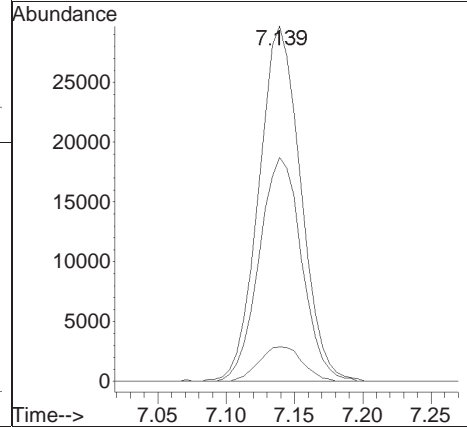
Tgt Ion:	Resp:		
Ion Ratio	Lower	Upper	
63	100		
62	63.0	50.6	76.0
76	28.6	23.4	35.0

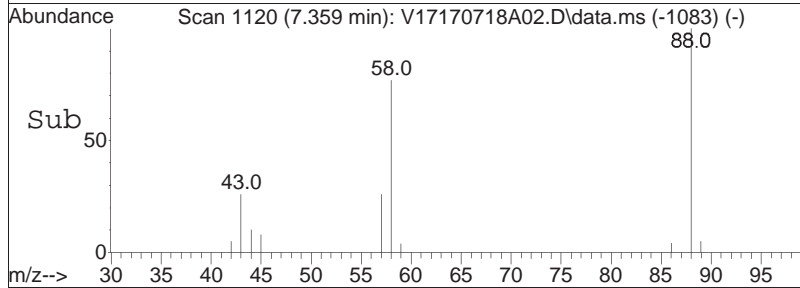
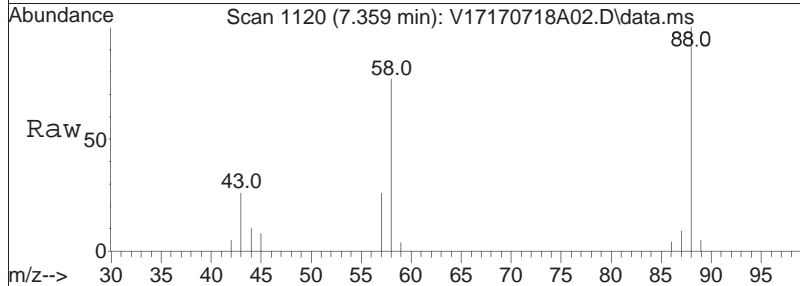
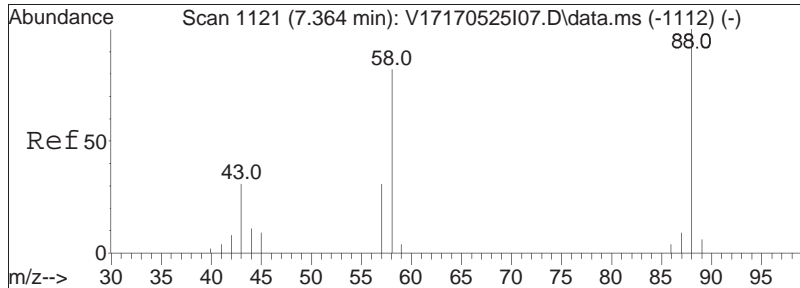




#54
 Bromodichloromethane
 Concen: 17.57 ug/L
 RT: 7.139 min Scan# 1078
 Delta R.T. -0.011 min
 Lab File: V17170718A02.D
 Acq: 18 Jul 2017 07:36

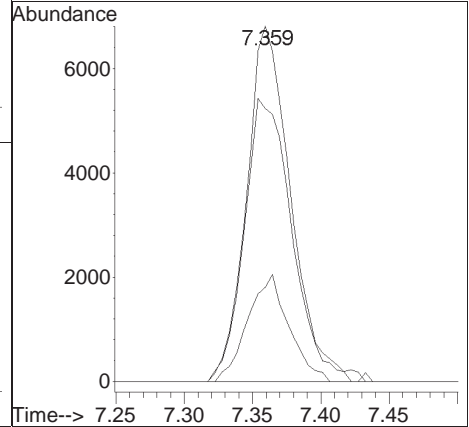
Tgt Ion	Resp	Lower	Upper
83	63517		
83	100		
85	64.1	51.0	76.4
127	10.1	8.1	12.1

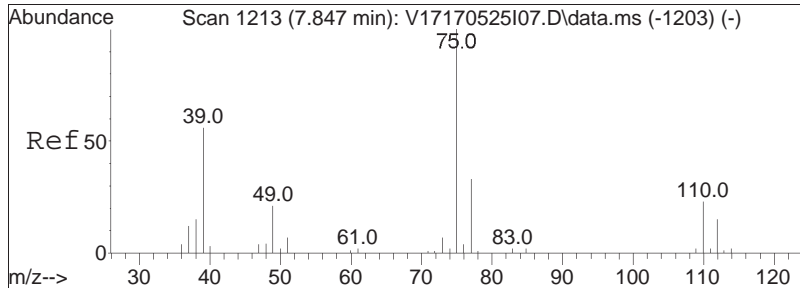




#57
 1,4-Dioxane
 Concen: 926.59 ug/L
 RT: 7.359 min Scan# 1120
 Delta R.T. -0.006 min
 Lab File: V17170718A02.D
 Acq: 18 Jul 2017 07:36

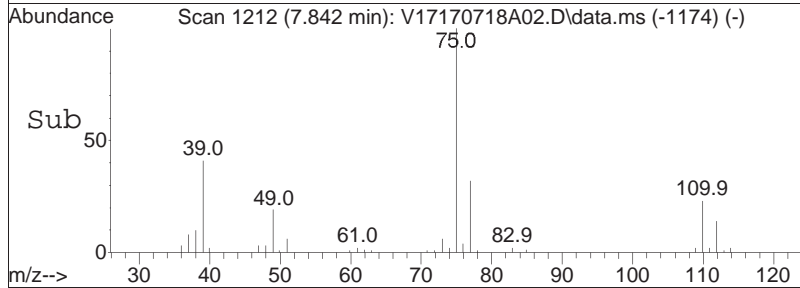
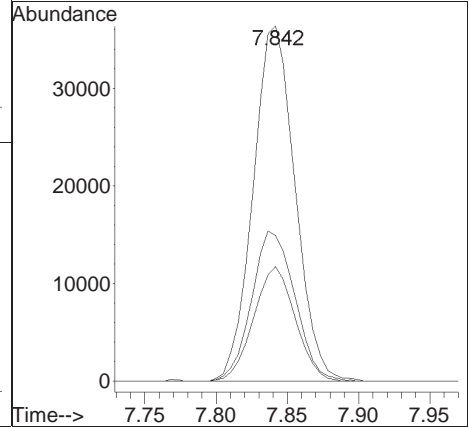
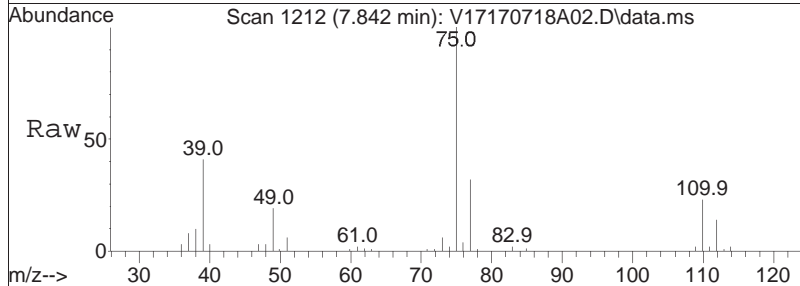
Tgt Ion:	88	Resp:	15412
Ion Ratio	Lower	Upper	
88	100		
58	85.1	66.0	99.0
43	27.8	28.0	42.0#

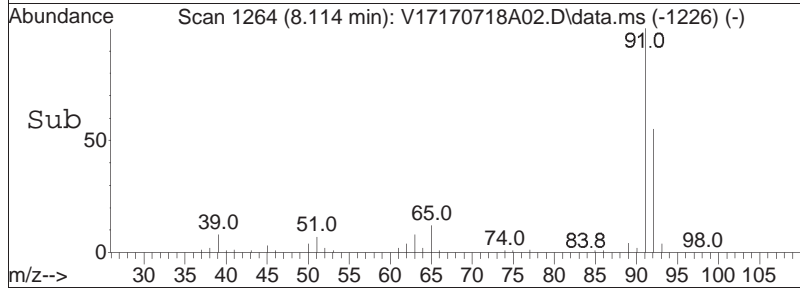
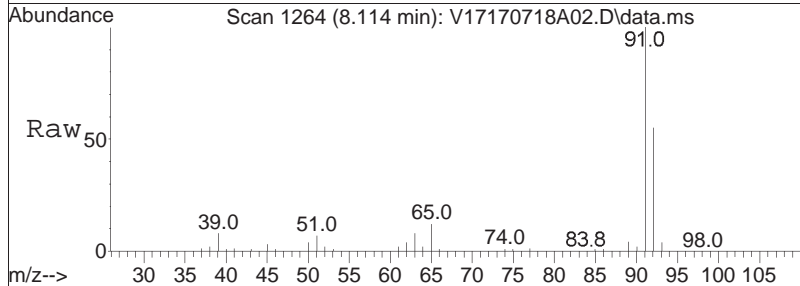
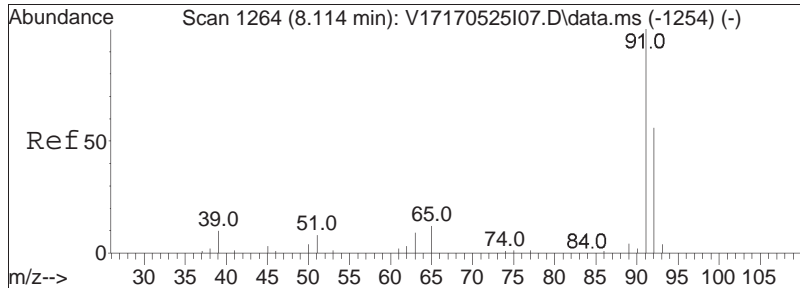




#58
 cis-1,3-Dichloropropene
 Concen: 18.29 ug/L
 RT: 7.842 min Scan# 1212
 Delta R.T. -0.000 min
 Lab File: V17170718A02.D
 Acq: 18 Jul 2017 07:36

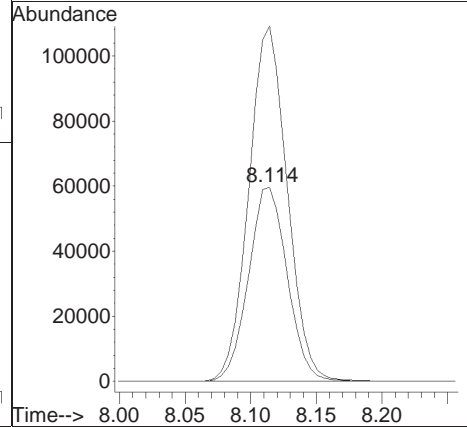
Tgt Ion:	Resp:		
Ion Ratio	Lower	Upper	
75	100		
77	32.1	25.3	37.9
39	43.5	47.8	71.8#

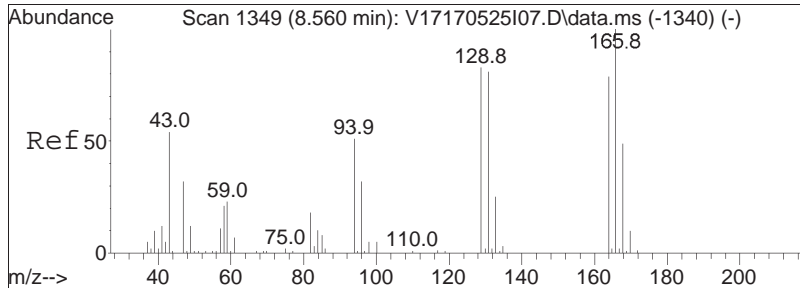




#61
 Toluene
 Concen: 19.38 ug/L
 RT: 8.114 min Scan# 1264
 Delta R.T. 0.000 min
 Lab File: V17170718A02.D
 Acq: 18 Jul 2017 07:36

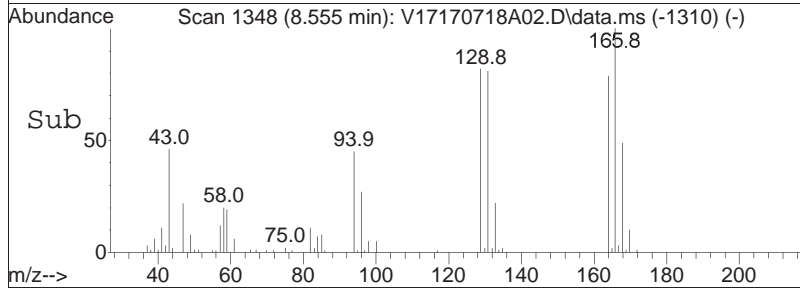
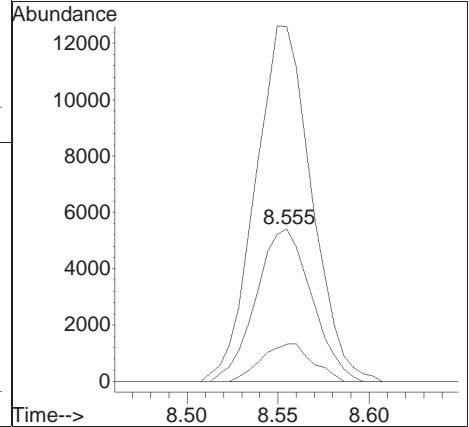
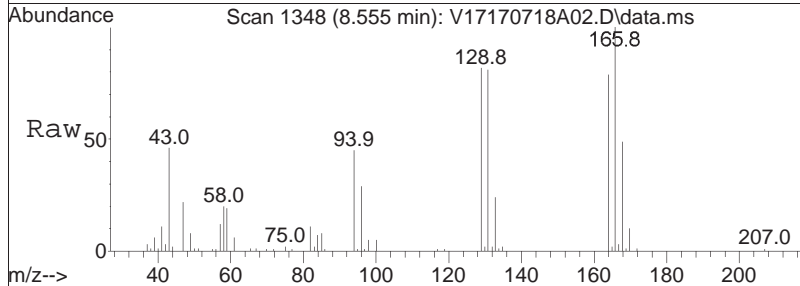
Tgt Ion:	Resp:	Lower	Upper
92	122535		
91	181.5	142.4	213.6

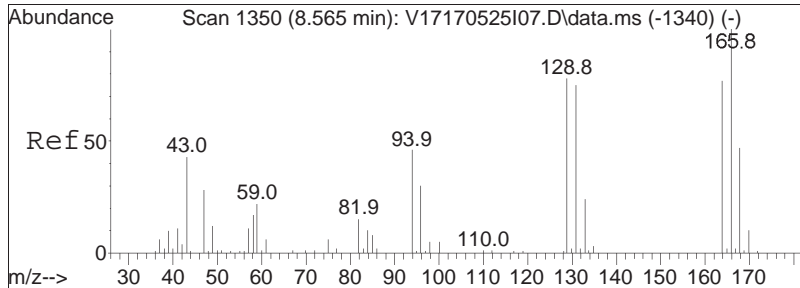




#62
 4-Methyl-2-pentanone
 Concen: 18.24 ug/L
 RT: 8.555 min Scan# 1348
 Delta R.T. -0.000 min
 Lab File: V17170718A02.D
 Acq: 18 Jul 2017 07:36

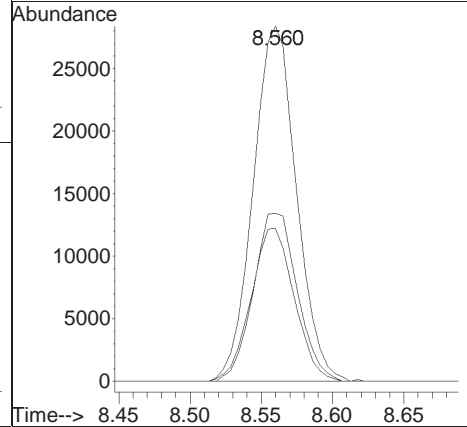
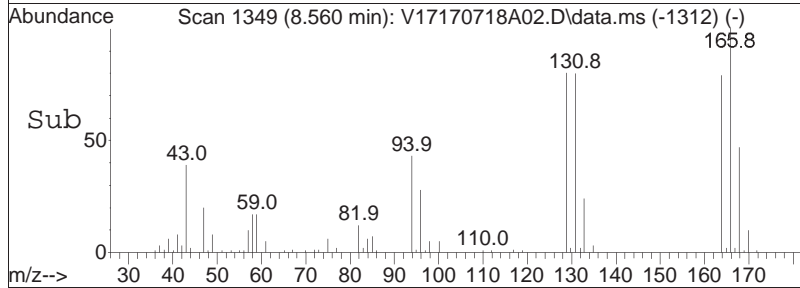
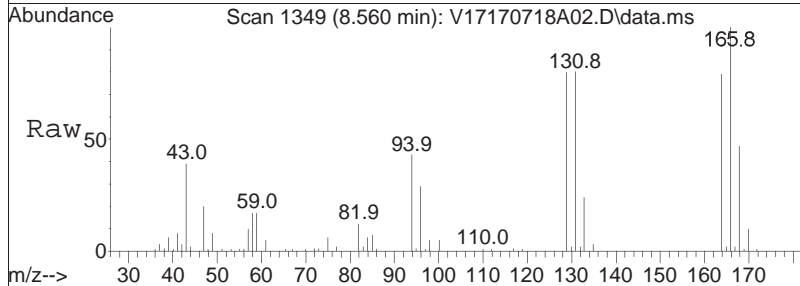
Tgt Ion:	Resp:		
Ion Ratio	Lower	Upper	
58	100		
100	22.7	20.5	30.7
43	235.0	224.2	336.2

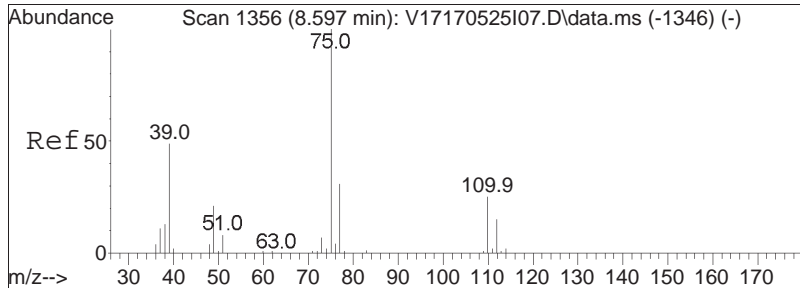




#63
 Tetrachloroethene
 Concen: 20.34 ug/L
 RT: 8.560 min Scan# 1349
 Delta R.T. -0.005 min
 Lab File: V17170718A02.D
 Acq: 18 Jul 2017 07:36

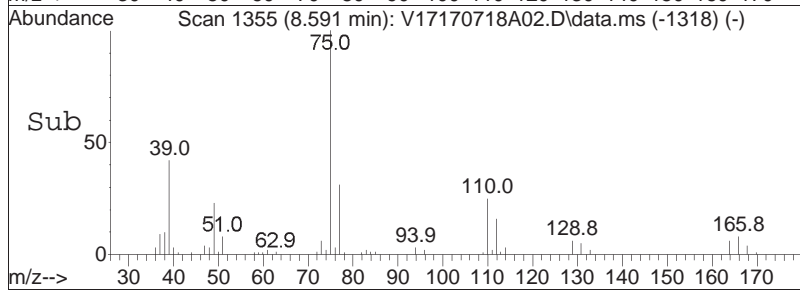
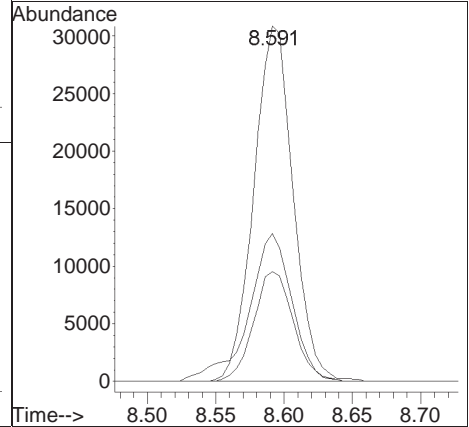
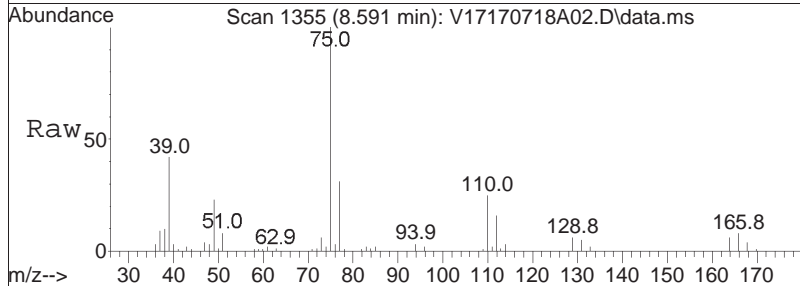
Tgt Ion	Resp	Lower	Upper
166	100		
168	48.1	27.9	67.9
94	43.1	20.4	60.4

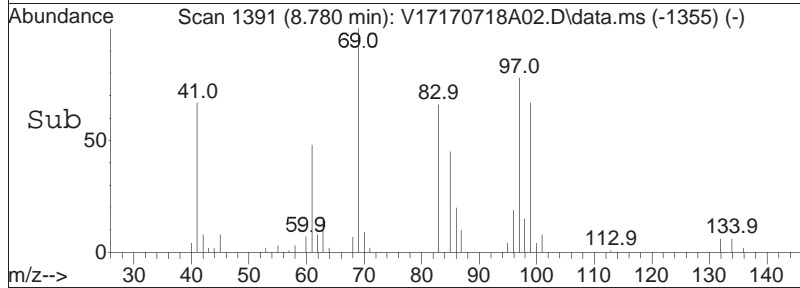
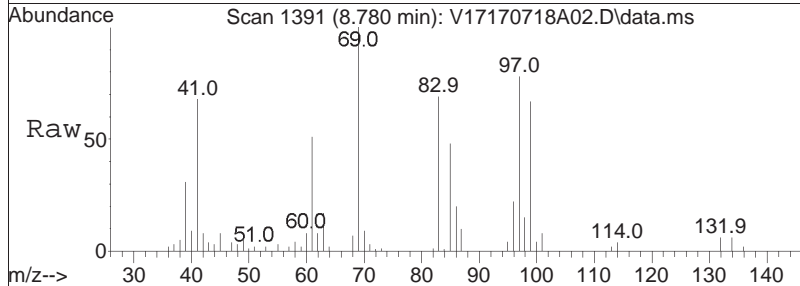
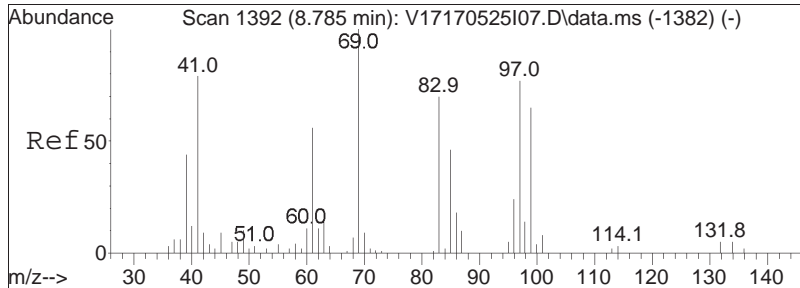




#65
 trans-1,3-Dichloropropene
 Concen: 18.92 ug/L
 RT: 8.591 min Scan# 1355
 Delta R.T. -0.006 min
 Lab File: V17170718A02.D
 Acq: 18 Jul 2017 07:36

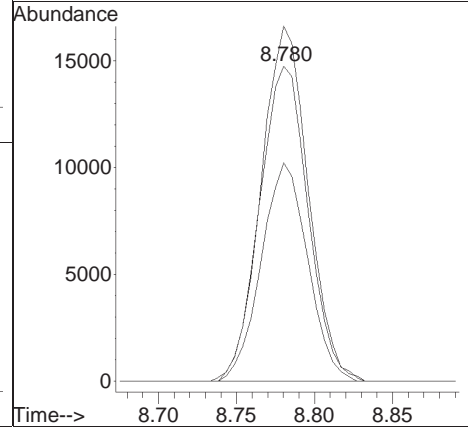
Tgt Ion	Resp	Lower	Upper
75	100		
77	31.3	11.6	51.6
39	45.9	50.0	90.0#

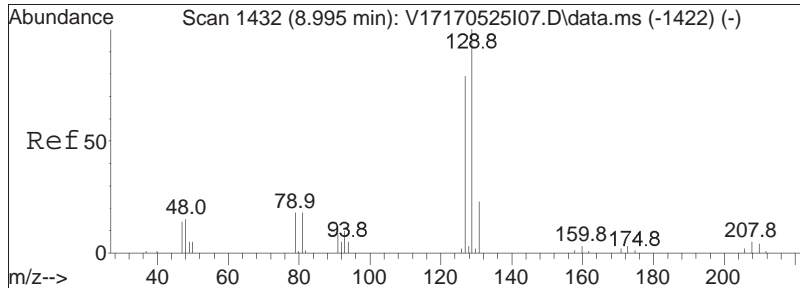




#68
 1,1,2-Trichloroethane
 Concen: 18.94 ug/L
 RT: 8.780 min Scan# 1391
 Delta R.T. -0.011 min
 Lab File: V17170718A02.D
 Acq: 18 Jul 2017 07:36

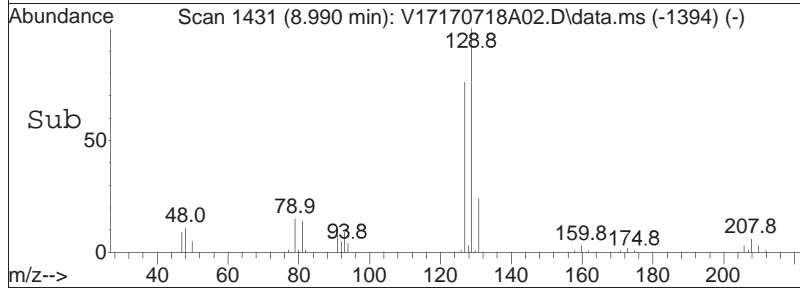
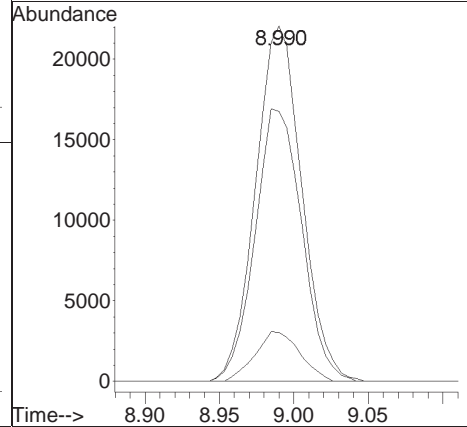
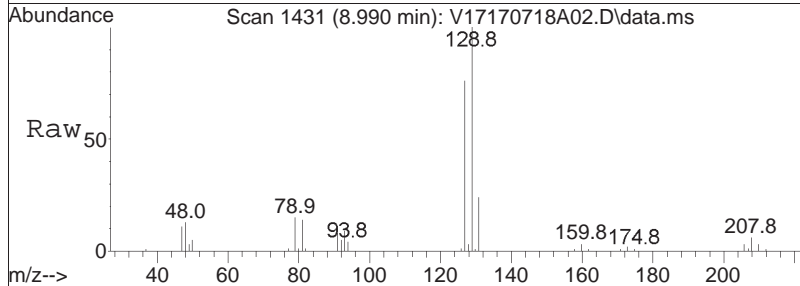
Tgt Ion	Resp	Lower	Upper
83	31863		
83	100		
97	109.8	91.5	131.5
85	66.6	47.5	87.5

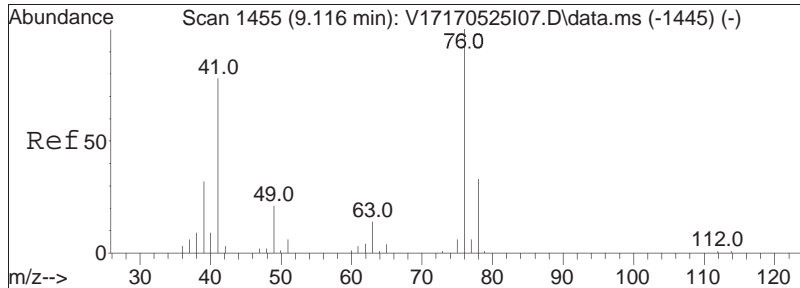




#69
 Chlorodibromomethane
 Concen: 19.17 ug/L
 RT: 8.990 min Scan# 1431
 Delta R.T. -0.005 min
 Lab File: V17170718A02.D
 Acq: 18 Jul 2017 07:36

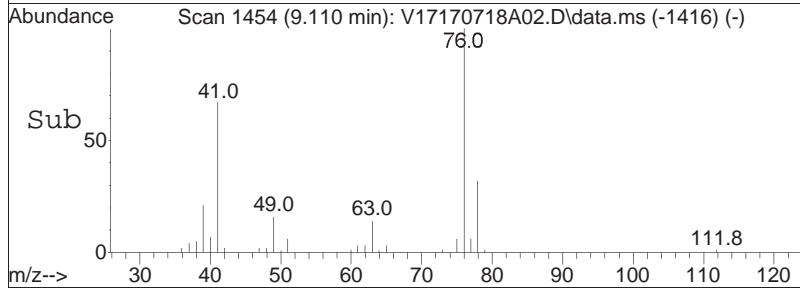
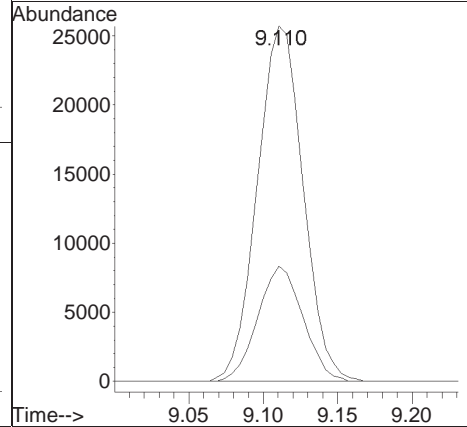
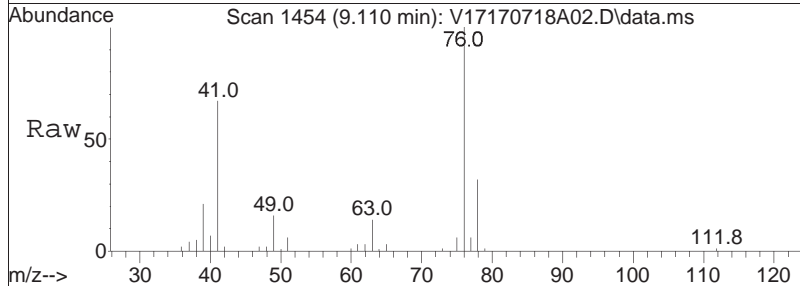
Tgt Ion	Resp	Lower	Upper
129	47631		
129	100		
81	13.6	0.0	34.2
127	77.6	55.9	95.9

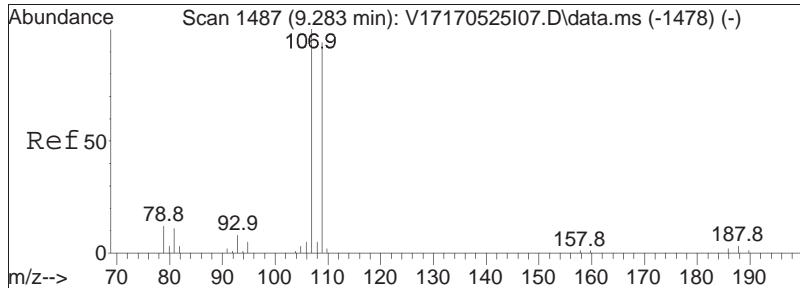




#70
 1,3-Dichloropropane
 Concen: 18.72 ug/L
 RT: 9.110 min Scan# 1454
 Delta R.T. -0.001 min
 Lab File: V17170718A02.D
 Acq: 18 Jul 2017 07:36

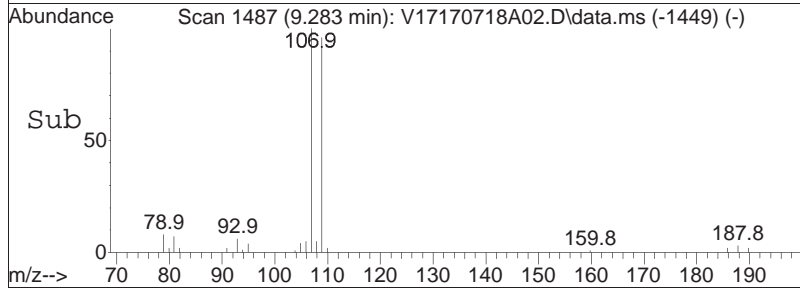
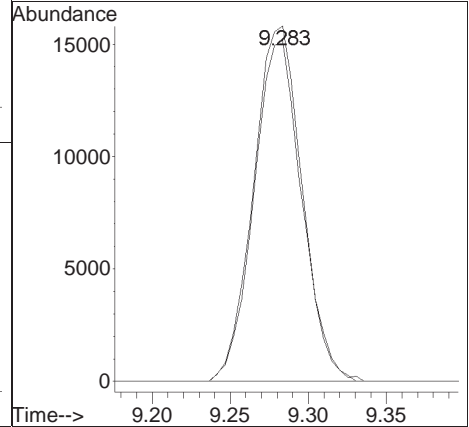
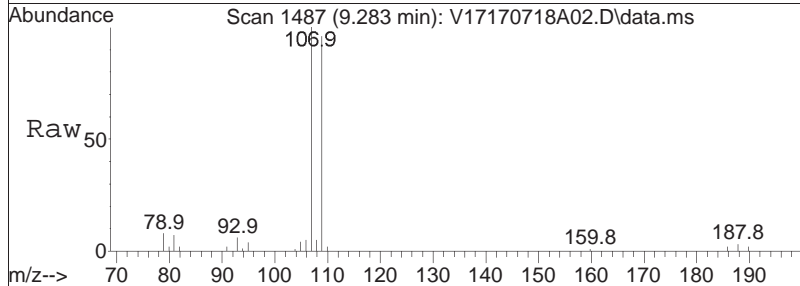
Tgt Ion:	Resp:	Lower	Upper
76	100		
78	32.0	26.0	39.0

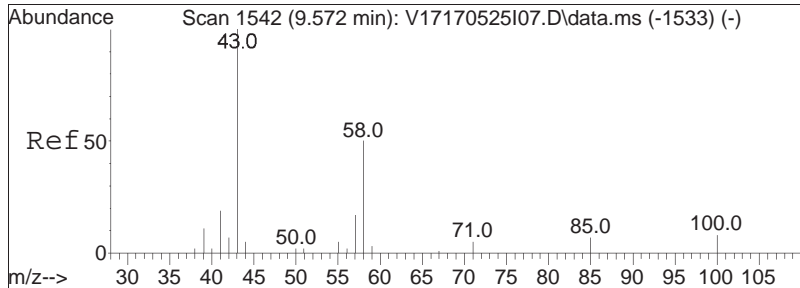




#71
 1,2-Dibromoethane
 Concen: 18.87 ug/L
 RT: 9.283 min Scan# 1487
 Delta R.T. -0.001 min
 Lab File: V17170718A02.D
 Acq: 18 Jul 2017 07:36

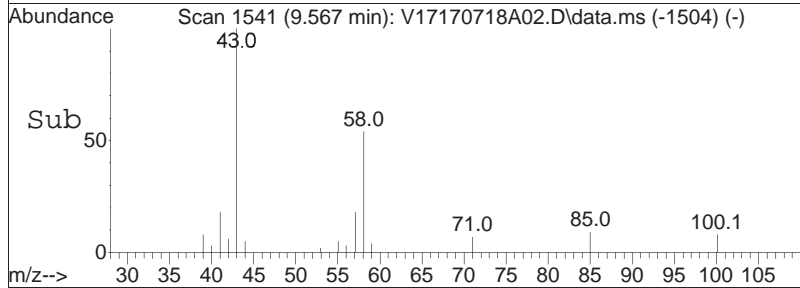
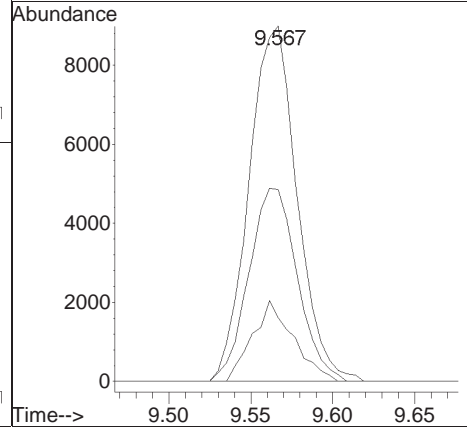
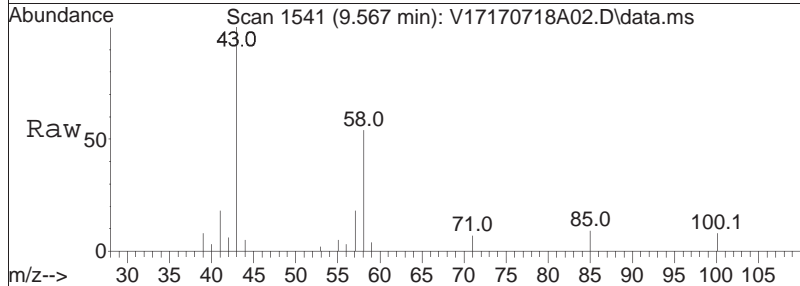
Tgt Ion	Resp	Lower	Upper
107	34308		
109	93.9	75.4	113.2

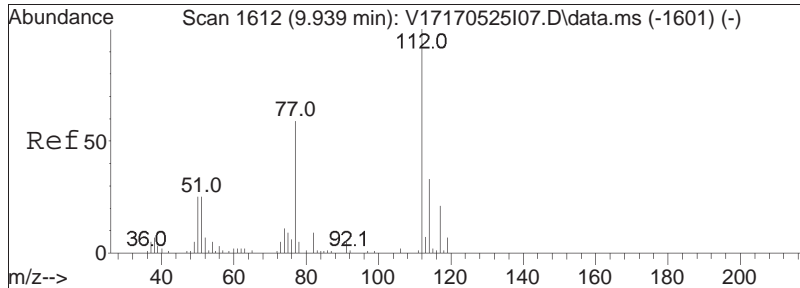




#72
 2-Hexanone
 Concen: 16.24 ug/L
 RT: 9.567 min Scan# 1541
 Delta R.T. -0.005 min
 Lab File: V17170718A02.D
 Acq: 18 Jul 2017 07:36

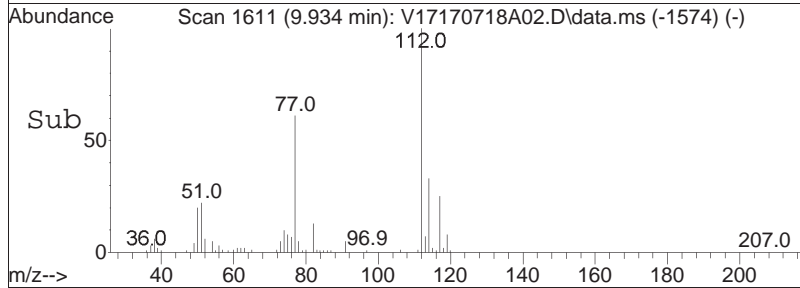
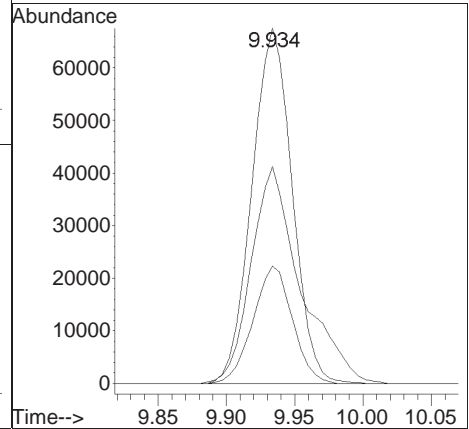
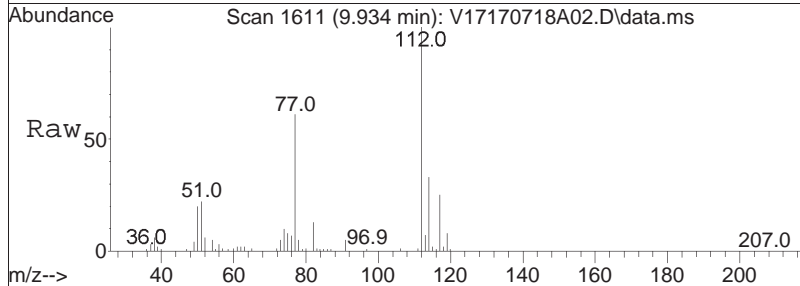
Tgt Ion	Resp	Lower	Upper
43	18352		
58	54.8	39.8	59.6
57	19.4	14.2	21.2

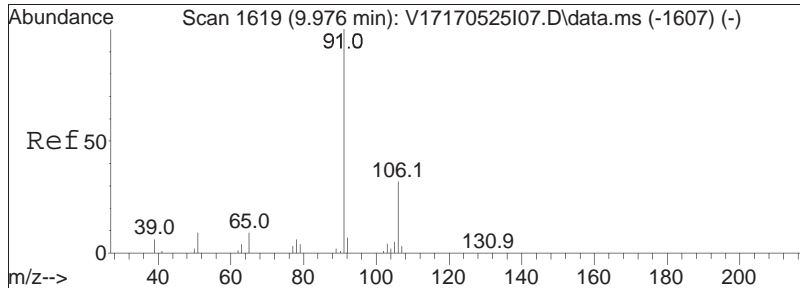




#73
 Chlorobenzene
 Concen: 19.18 ug/L
 RT: 9.934 min Scan# 1611
 Delta R.T. -0.005 min
 Lab File: V17170718A02.D
 Acq: 18 Jul 2017 07:36

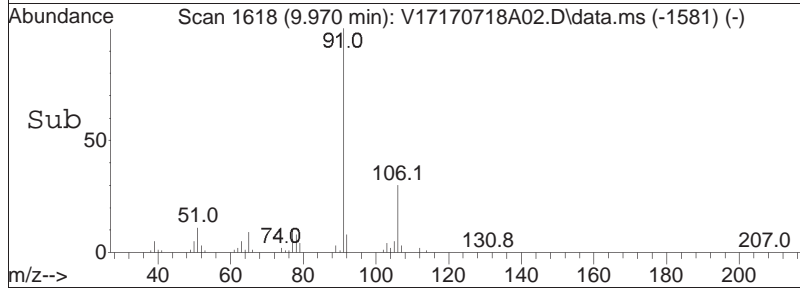
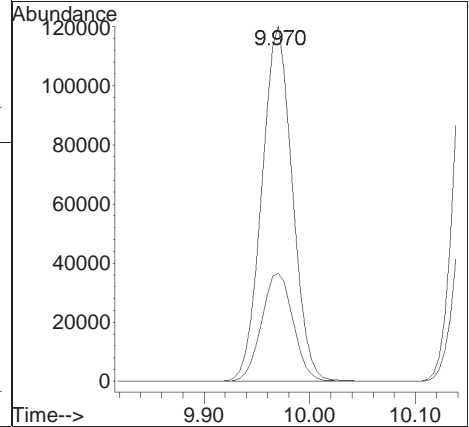
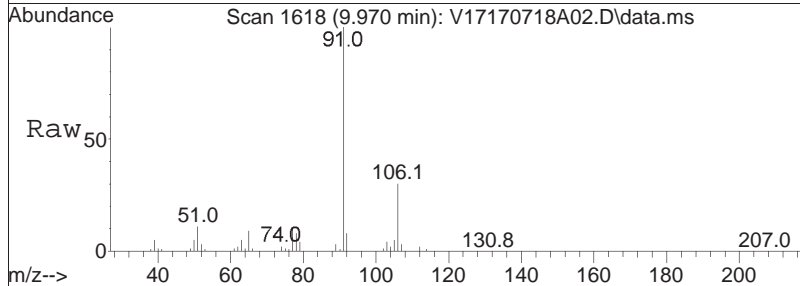
Tgt Ion	Resp	Lower	Upper
112	138358		
77	74.7	55.8	83.8
114	32.2	26.2	39.2

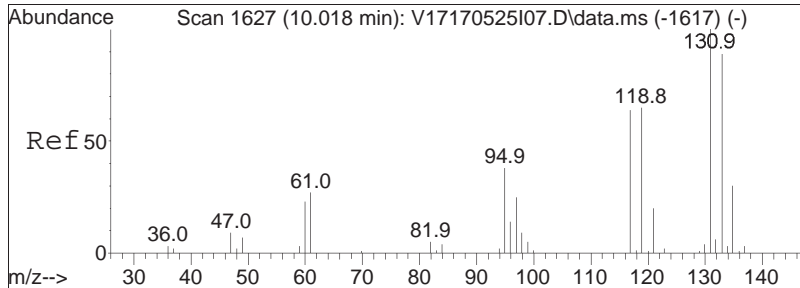




#74
 Ethylbenzene
 Concen: 19.17 ug/L
 RT: 9.970 min Scan# 1618
 Delta R.T. -0.006 min
 Lab File: V17170718A02.D
 Acq: 18 Jul 2017 07:36

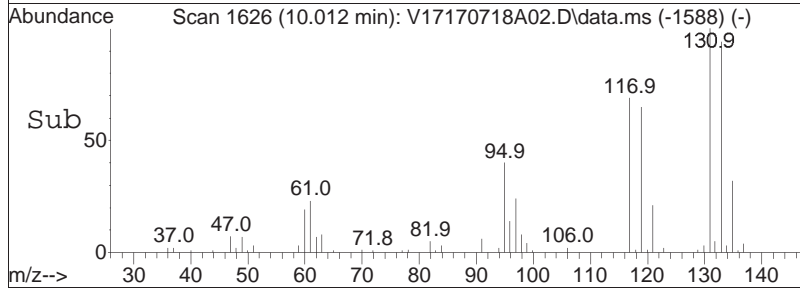
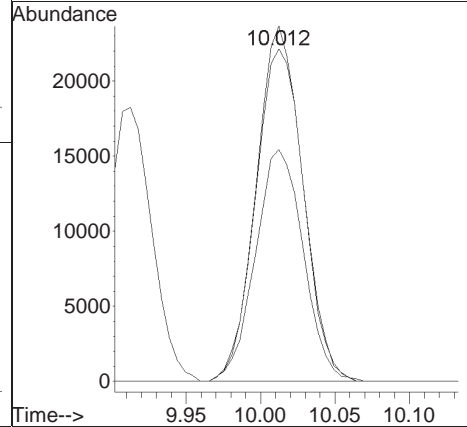
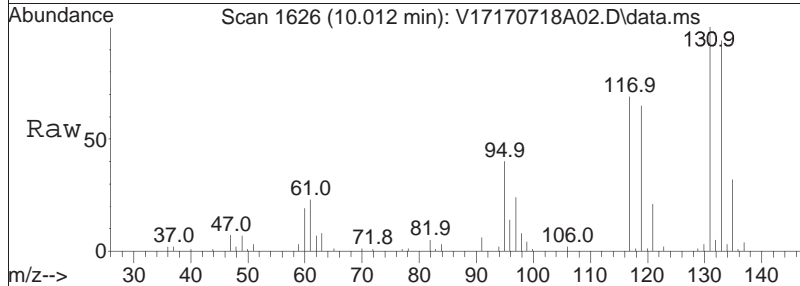
Tgt Ion:	Resp:	Lower	Upper
91	240680		
106	31.5	25.8	38.6

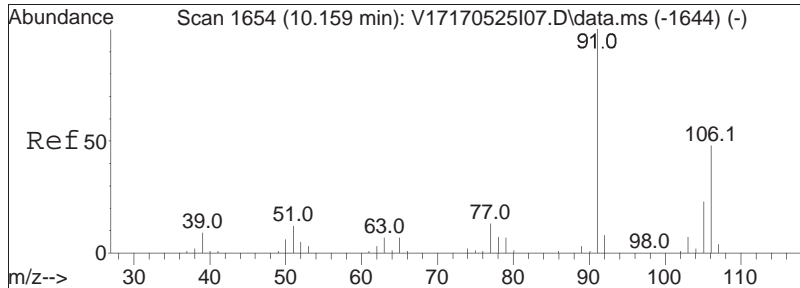




#75
 1,1,1,2-Tetrachloroethane
 Concen: 19.60 ug/L
 RT: 10.012 min Scan# 1626
 Delta R.T. 0.000 min
 Lab File: V17170718A02.D
 Acq: 18 Jul 2017 07:36

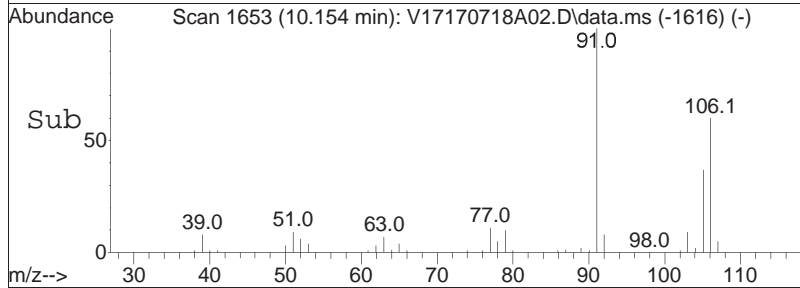
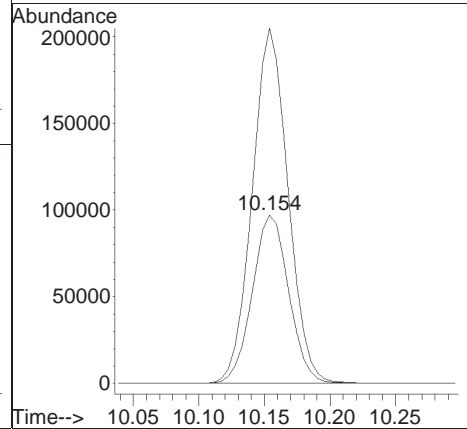
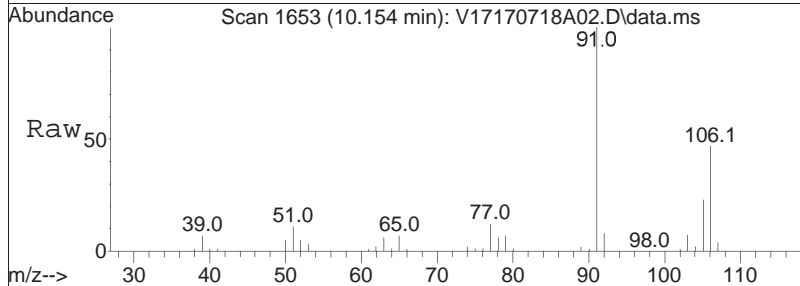
Tgt Ion	Resp	Lower	Upper
131	100		
133	96.7	75.5	115.5
119	66.9	46.4	86.4

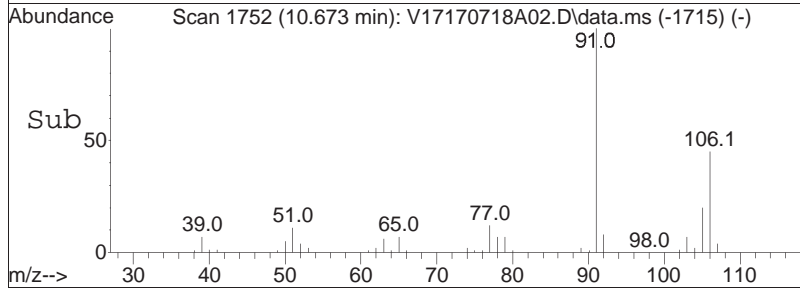
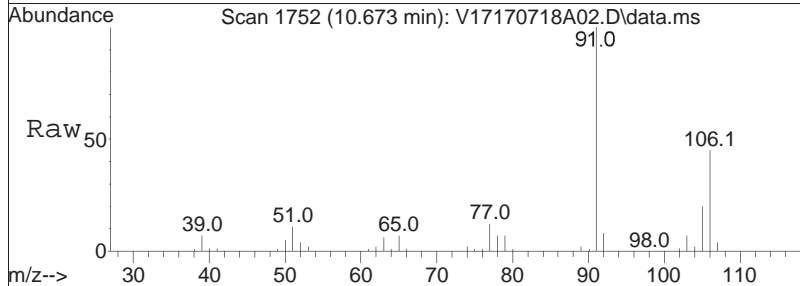
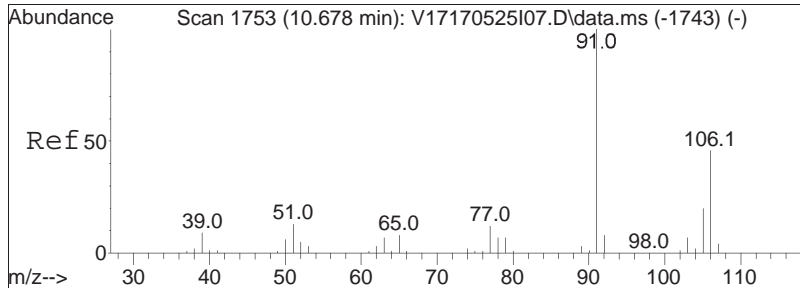




#76
 p/m Xylene
 Concen: 38.90 ug/L
 RT: 10.154 min Scan# 1653
 Delta R.T. -0.005 min
 Lab File: V17170718A02.D
 Acq: 18 Jul 2017 07:36

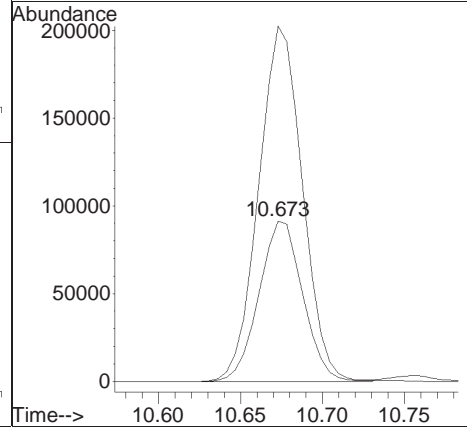
Tgt Ion	Resp	Lower	Upper
106	100		
91	207.3	162.9	244.3

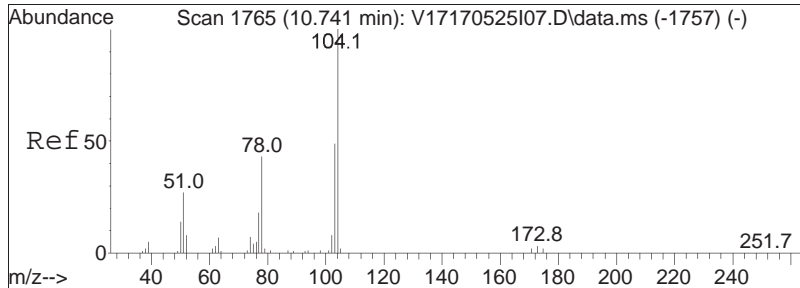




#77
 o Xylene
 Concen: 36.91 ug/L
 RT: 10.673 min Scan# 1752
 Delta R.T. -0.005 min
 Lab File: V17170718A02.D
 Acq: 18 Jul 2017 07:36

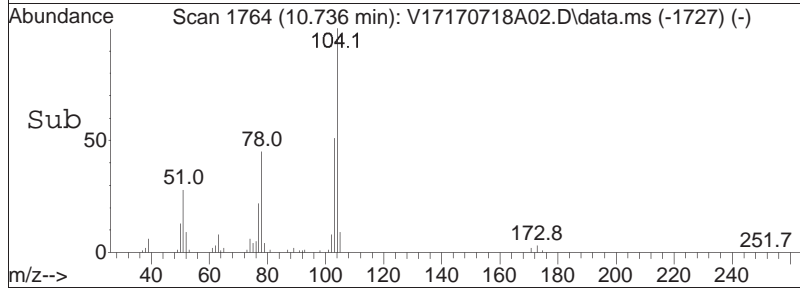
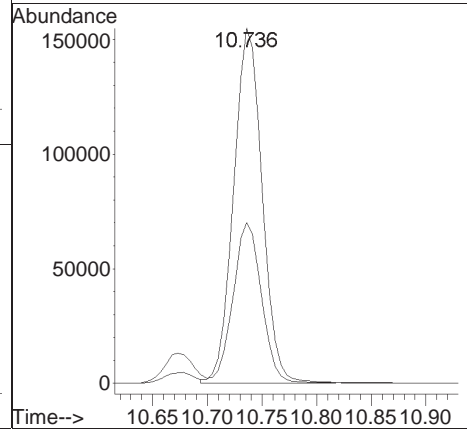
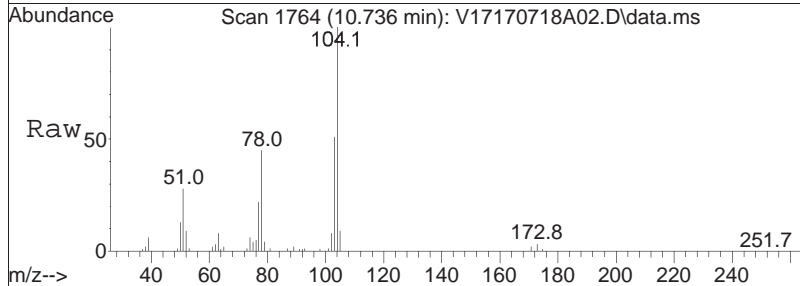
Tgt Ion	Resp	Lower	Upper
106	168948		
91	221.6	170.4	255.6

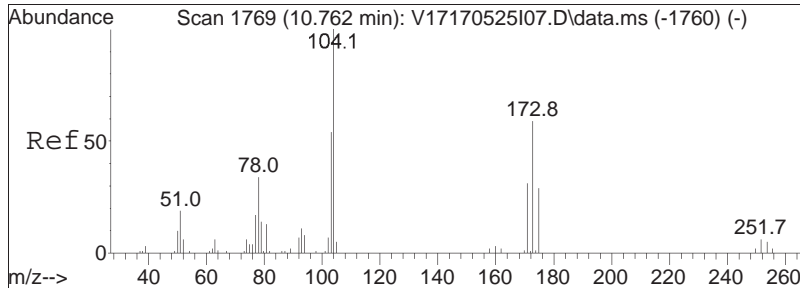




#78
 Styrene
 Concen: 37.40 ug/L
 RT: 10.736 min Scan# 1764
 Delta R.T. -0.005 min
 Lab File: V17170718A02.D
 Acq: 18 Jul 2017 07:36

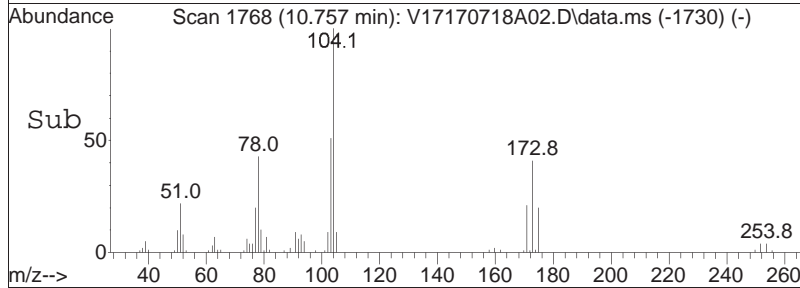
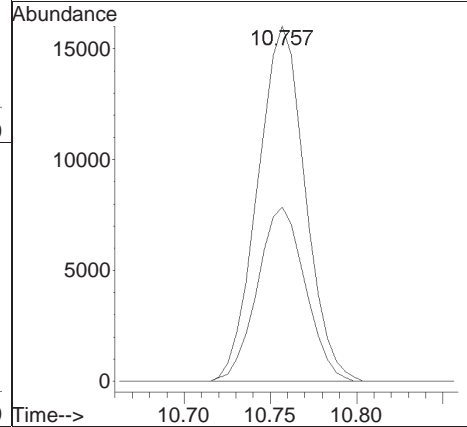
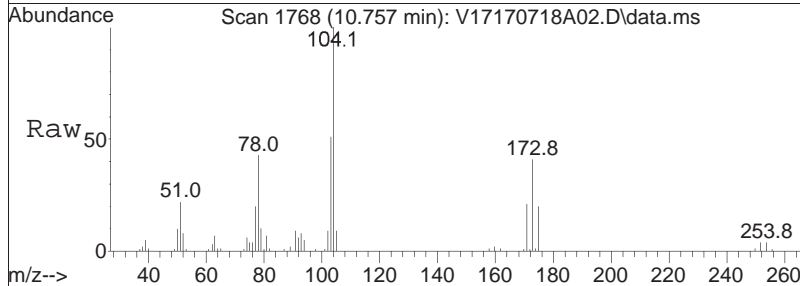
Tgt Ion	Resp	Lower	Upper
104	100		
78	45.5	34.1	51.1

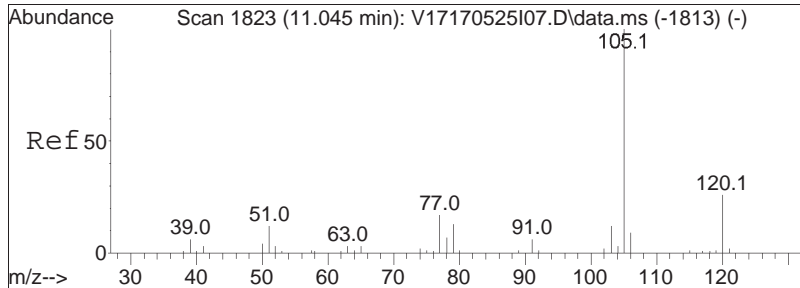




#80
 Bromoform
 Concen: 18.82 ug/L
 RT: 10.757 min Scan# 1768
 Delta R.T. -0.000 min
 Lab File: V17170718A02.D
 Acq: 18 Jul 2017 07:36

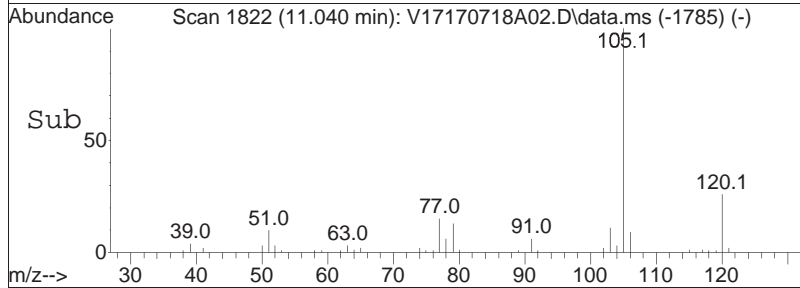
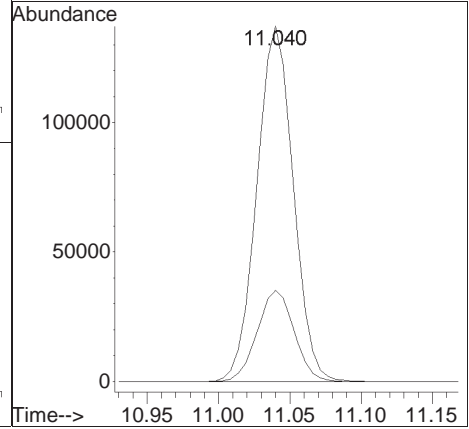
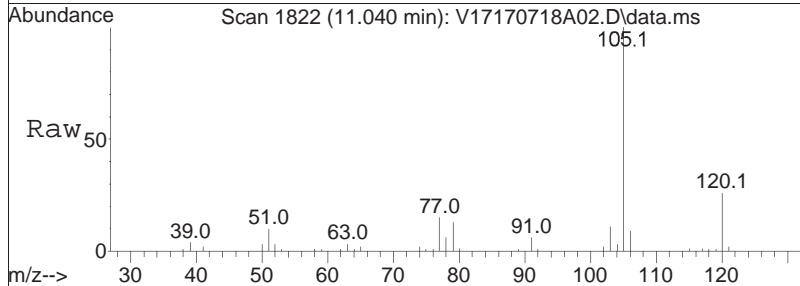
Tgt Ion:	173	Resp:	30721
Ion Ratio	Lower	Upper	
173	100		
175	49.4	28.8	68.8

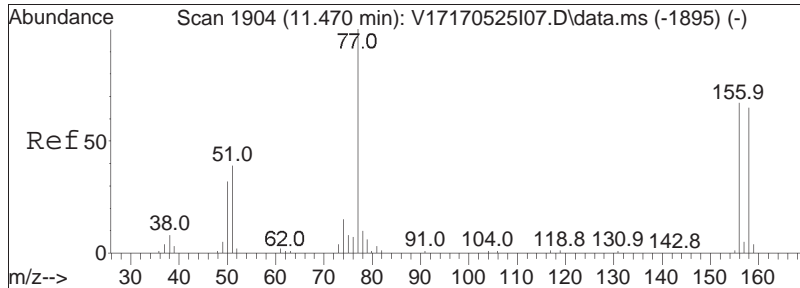




#82
 Isopropylbenzene
 Concen: 19.54 ug/L
 RT: 11.040 min Scan# 1822
 Delta R.T. -0.005 min
 Lab File: V17170718A02.D
 Acq: 18 Jul 2017 07:36

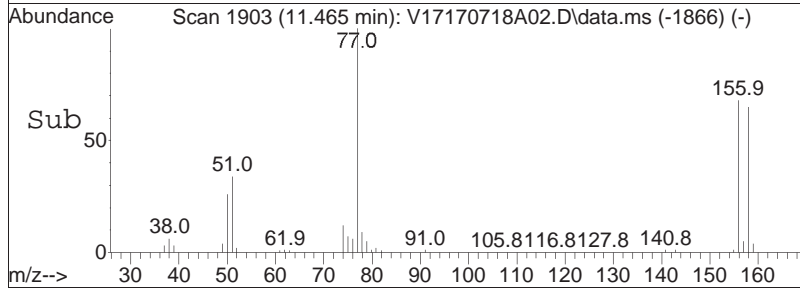
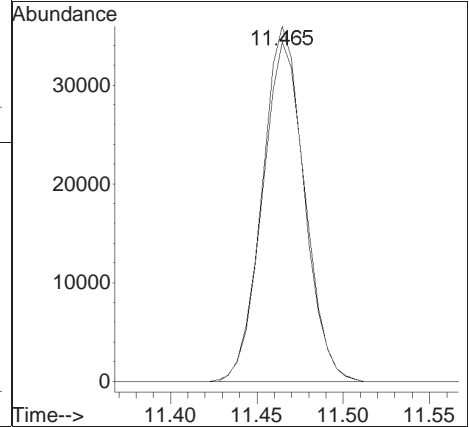
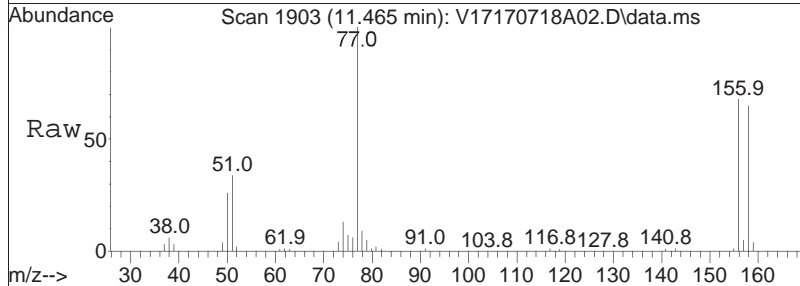
Tgt Ion	Resp	Lower	Upper
105	100		
120	25.9	6.6	46.6

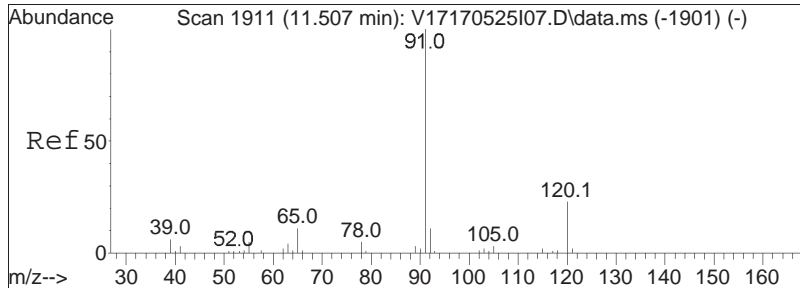




#84
 Bromobenzene
 Concen: 19.43 ug/L
 RT: 11.465 min Scan# 1903
 Delta R.T. -0.005 min
 Lab File: V17170718A02.D
 Acq: 18 Jul 2017 07:36

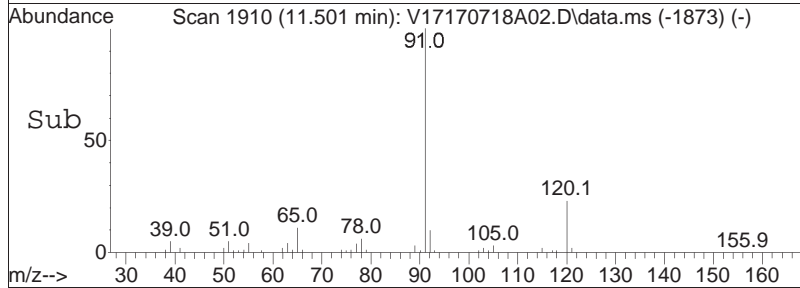
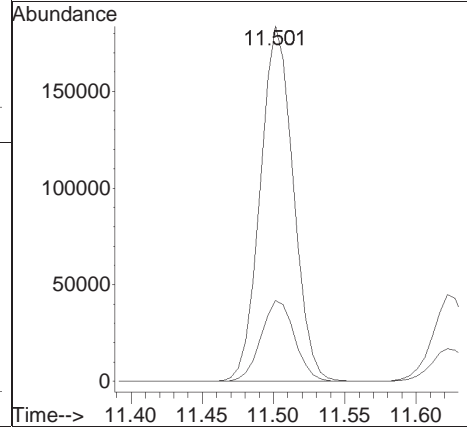
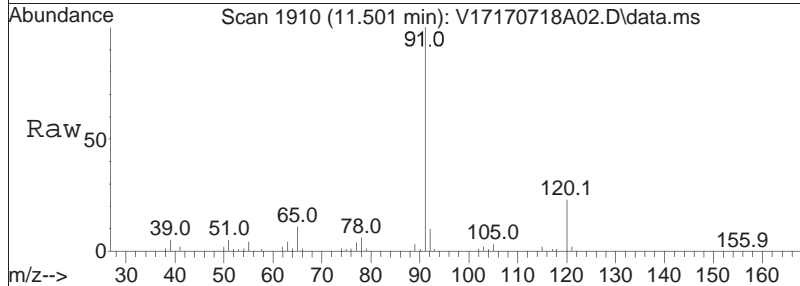
Tgt Ion	Resp	Lower	Upper
156	100		
158	95.6	78.3	117.5

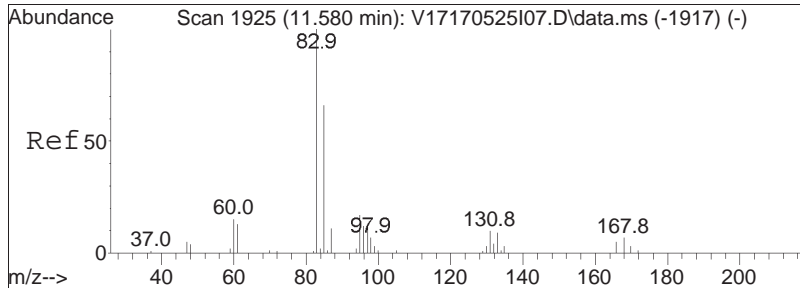




#85
 n-Propylbenzene
 Concen: 19.09 ug/L
 RT: 11.501 min Scan# 1910
 Delta R.T. -0.006 min
 Lab File: V17170718A02.D
 Acq: 18 Jul 2017 07:36

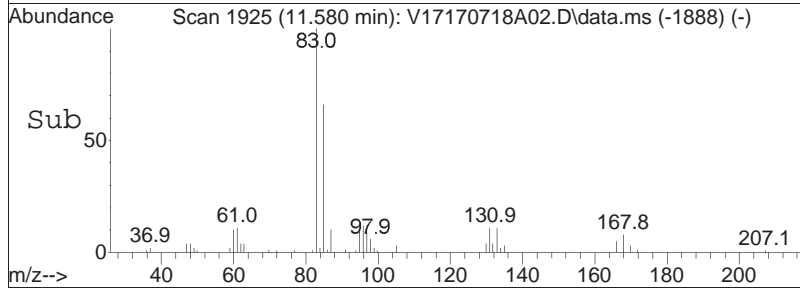
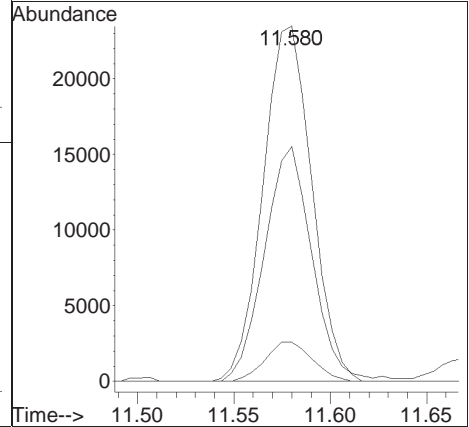
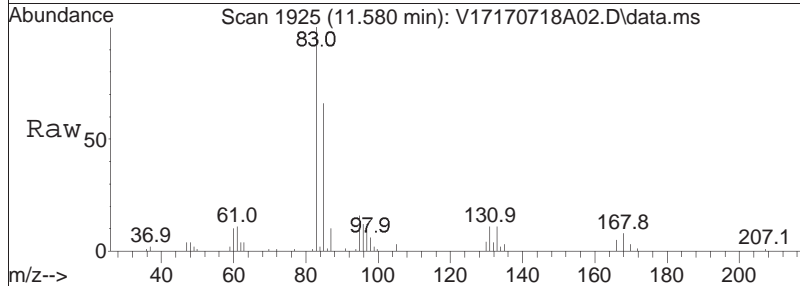
Tgt Ion:	91	Resp:	296224
Ion Ratio	100	Lower	Upper
120	23.1	19.5	29.3

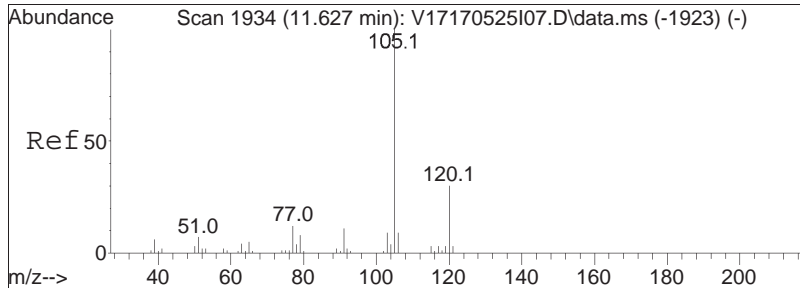




#87
 1,1,2,2-Tetrachloroethane
 Concen: 18.19 ug/L
 RT: 11.580 min Scan# 1925
 Delta R.T. -0.005 min
 Lab File: V17170718A02.D
 Acq: 18 Jul 2017 07:36

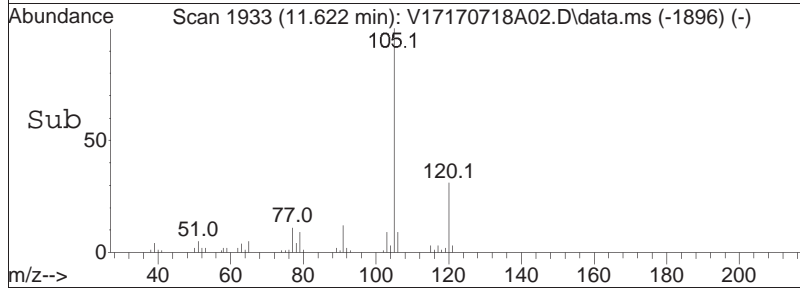
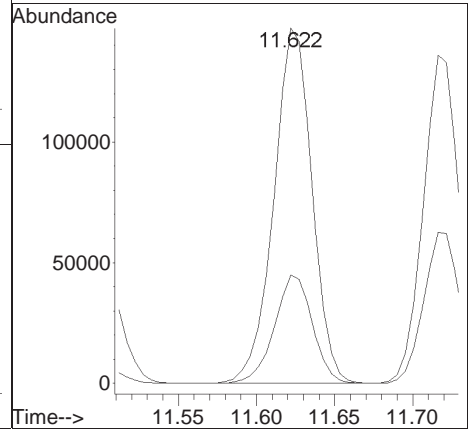
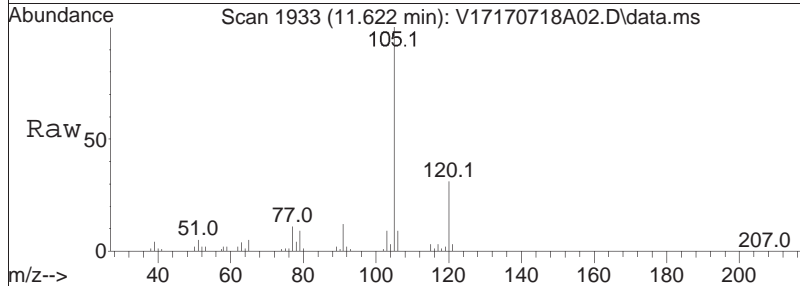
Tgt Ion	Resp	Lower	Upper
83	41290		
83	100		
131	10.8	0.0	31.5
85	64.8	45.6	85.6

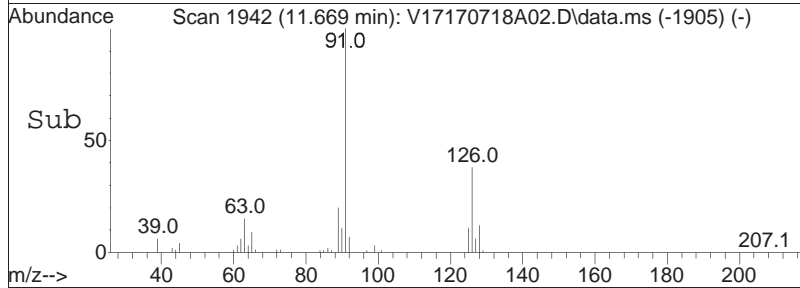
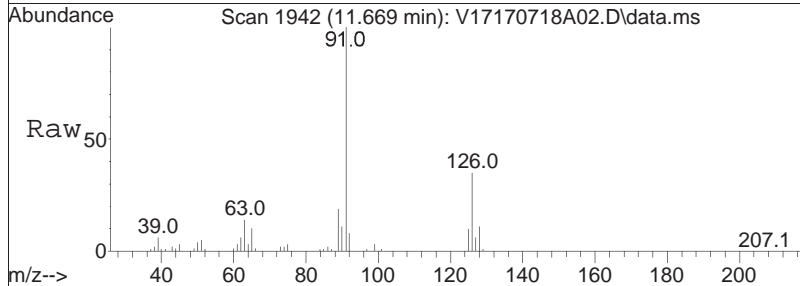
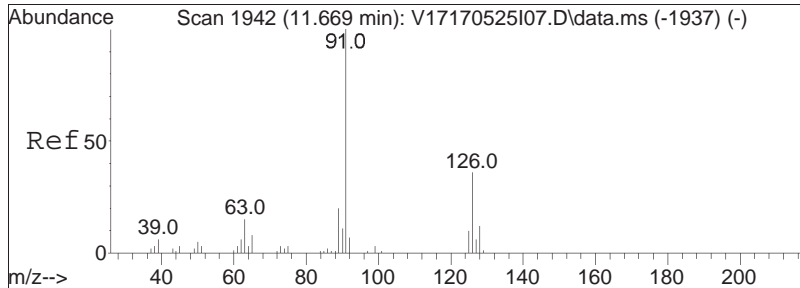




#88
 4-Ethyltoluene
 Concen: 20.13 ug/L
 RT: 11.622 min Scan# 1933
 Delta R.T. -0.005 min
 Lab File: V17170718A02.D
 Acq: 18 Jul 2017 07:36

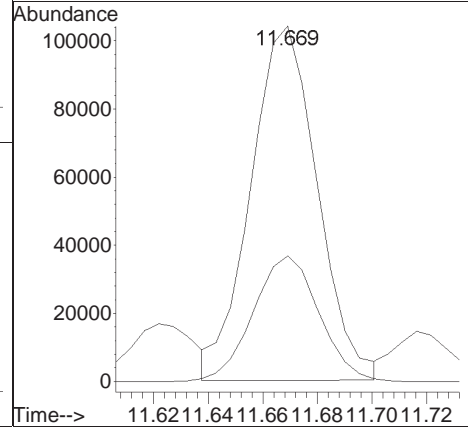
Tgt Ion	Resp	Lower	Upper
105	100		
120	30.2	20.2	42.0

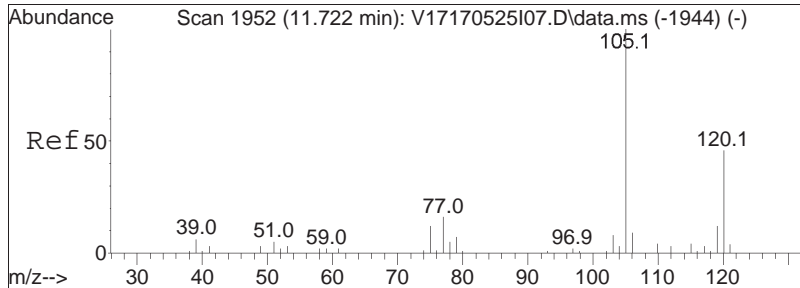




#89
 2-Chlorotoluene
 Concen: 19.28 ug/L
 RT: 11.669 min Scan# 1942
 Delta R.T. -0.006 min
 Lab File: V17170718A02.D
 Acq: 18 Jul 2017 07:36

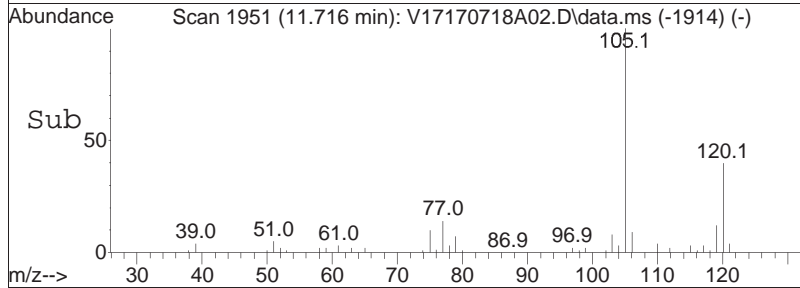
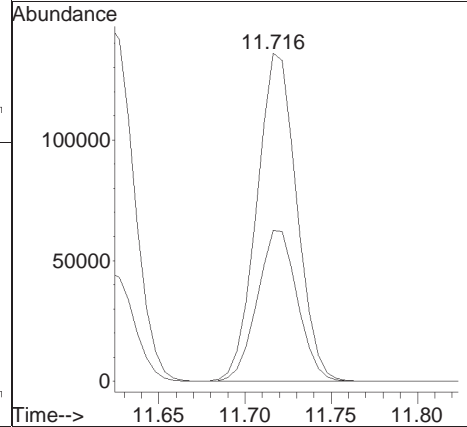
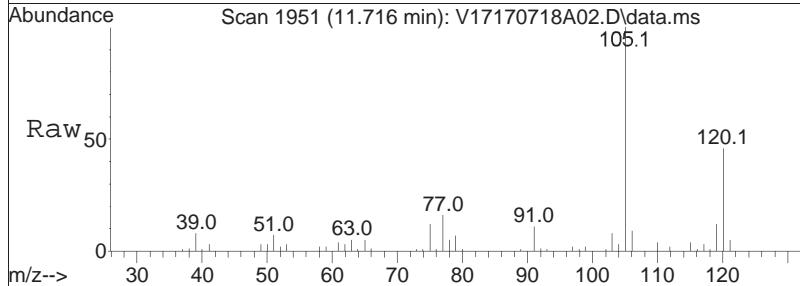
Tgt Ion: 91 Resp: 176324
 Ion Ratio Lower Upper
 91 100
 126 34.9 30.0 45.0

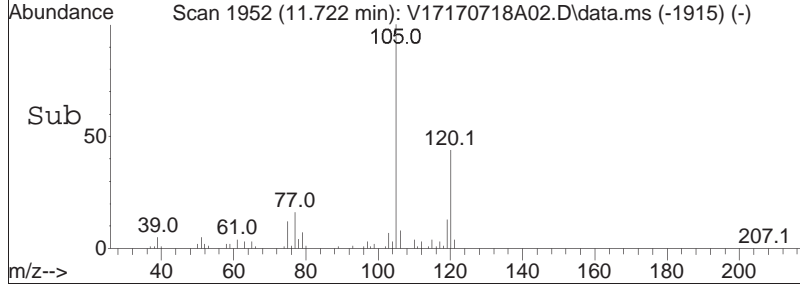
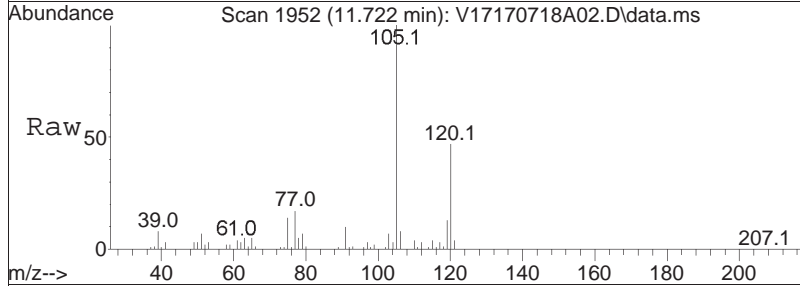
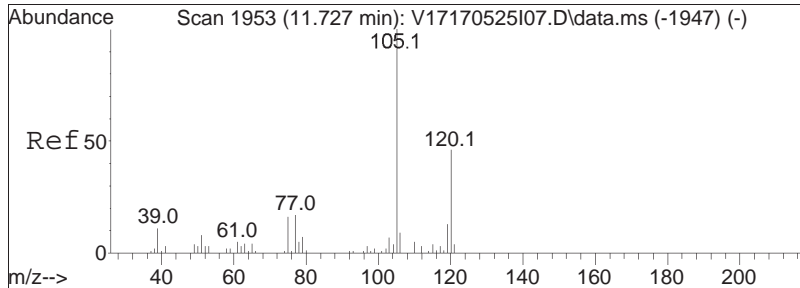




#90
 1,3,5-Trimethylbenzene
 Concen: 19.60 ug/L
 RT: 11.716 min Scan# 1951
 Delta R.T. -0.006 min
 Lab File: V17170718A02.D
 Acq: 18 Jul 2017 07:36

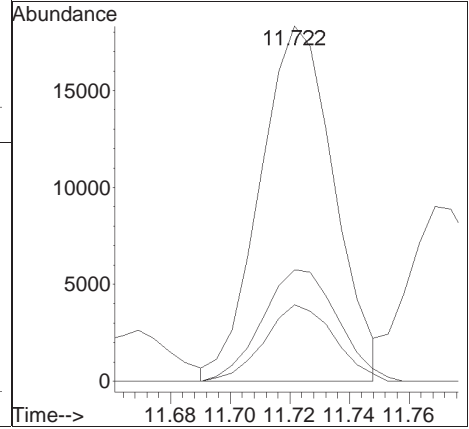
Tgt Ion:	105	Resp:	218894
Ion Ratio	Lower	Upper	
105	100		
120	46.3	37.9	56.9

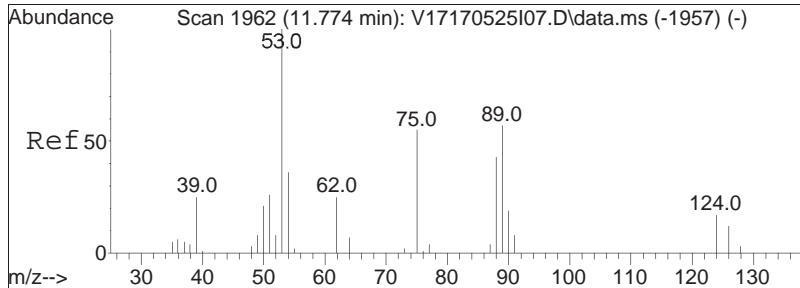




#91
 1,2,3-Trichloropropane
 Concen: 17.40 ug/L
 RT: 11.722 min Scan# 1952
 Delta R.T. -0.005 min
 Lab File: V17170718A02.D
 Acq: 18 Jul 2017 07:36

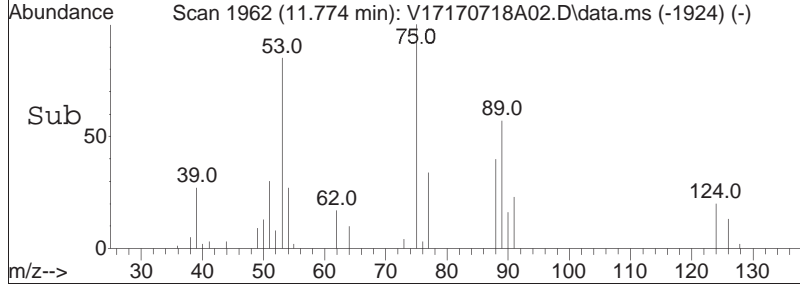
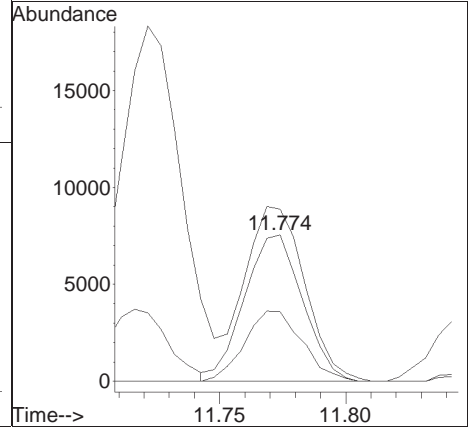
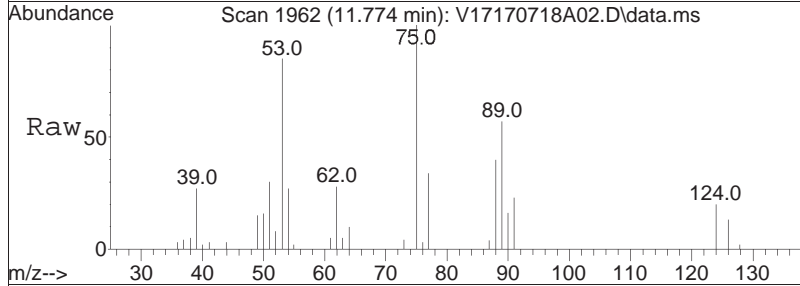
Tgt Ion:	75	Resp:	31642
Ion Ratio	Lower	Upper	
75	100		
110	32.0	22.6	46.8
112	20.4	14.1	29.3

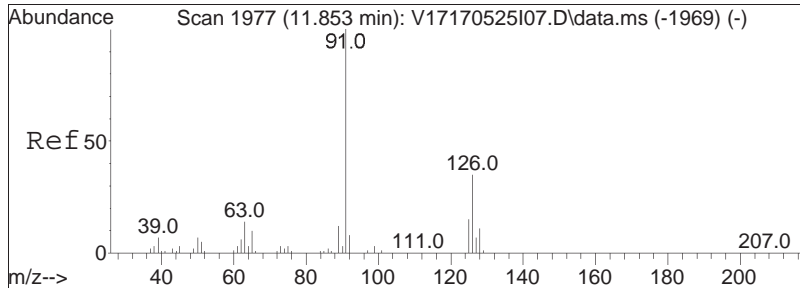




#92
 trans-1,4-Dichloro-2-butene
 Concen: 16.96 ug/L
 RT: 11.774 min Scan# 1962
 Delta R.T. -0.000 min
 Lab File: V17170718A02.D
 Acq: 18 Jul 2017 07:36

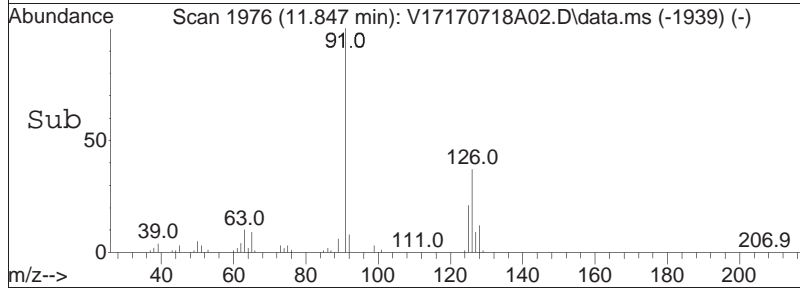
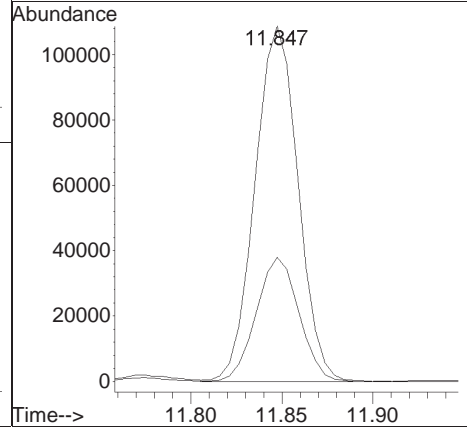
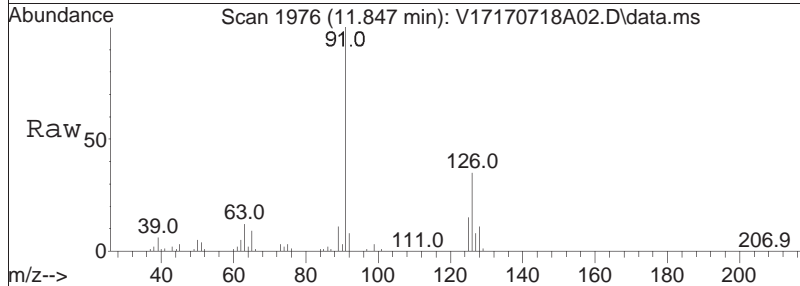
Tgt Ion	Resp	Lower	Upper
53	12133		
53	100		
88	47.6	33.7	50.5
75	124.5	81.6	122.4#

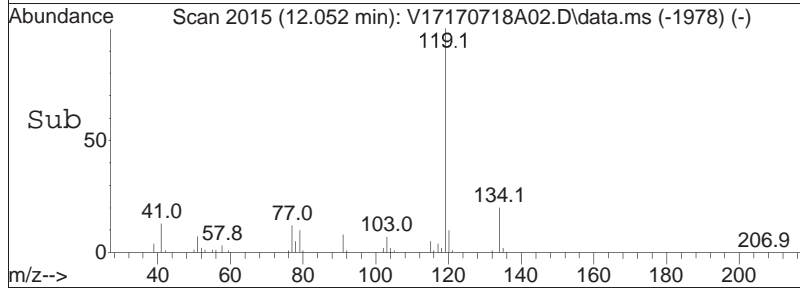
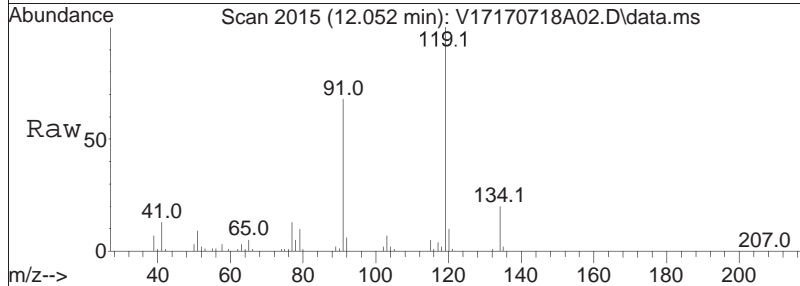
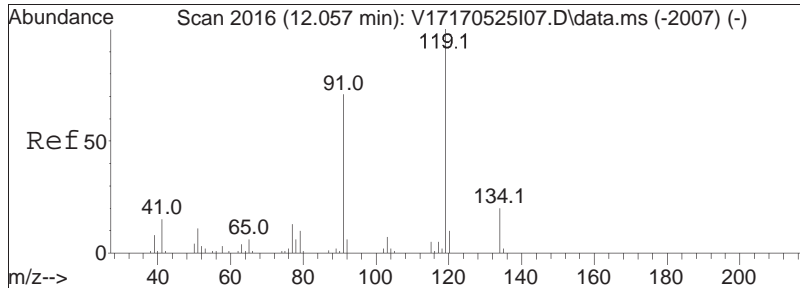




#93
 4-Chlorotoluene
 Concen: 19.16 ug/L
 RT: 11.847 min Scan# 1976
 Delta R.T. -0.006 min
 Lab File: V17170718A02.D
 Acq: 18 Jul 2017 07:36

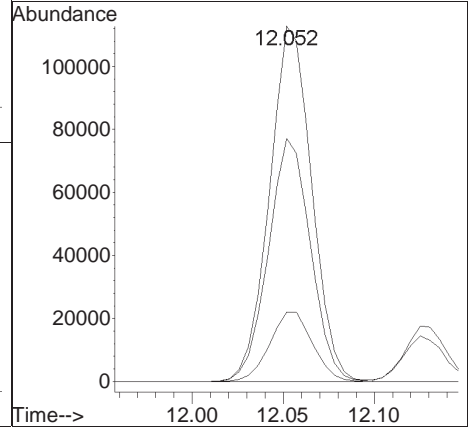
Tgt Ion	Resp	Lower	Upper
91	178641		
126	34.6	29.5	44.3

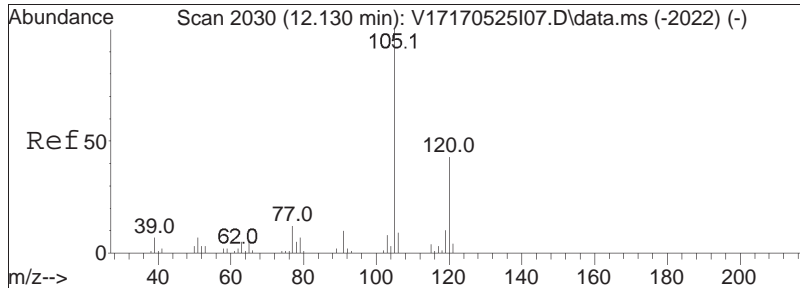




#94
 tert-Butylbenzene
 Concen: 19.66 ug/L
 RT: 12.052 min Scan# 2015
 Delta R.T. -0.005 min
 Lab File: V17170718A02.D
 Acq: 18 Jul 2017 07:36

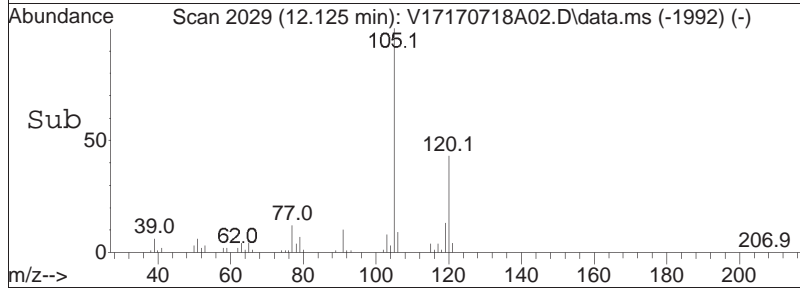
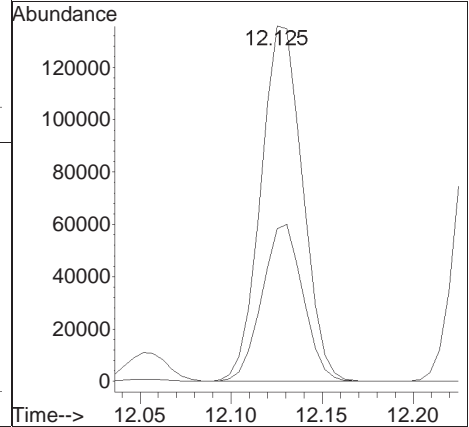
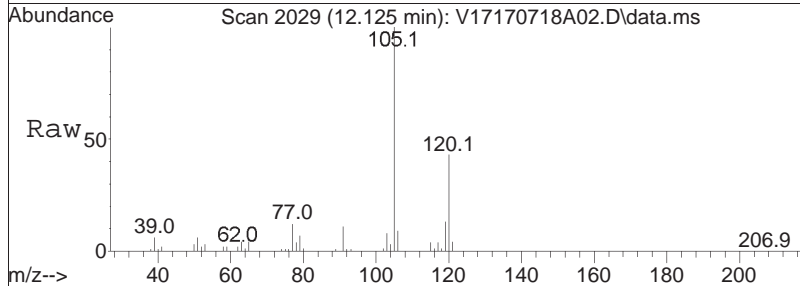
Tgt Ion	Resp	Lower	Upper
119	181488		
119	100		
91	68.4	52.2	78.2
134	19.8	15.9	23.9

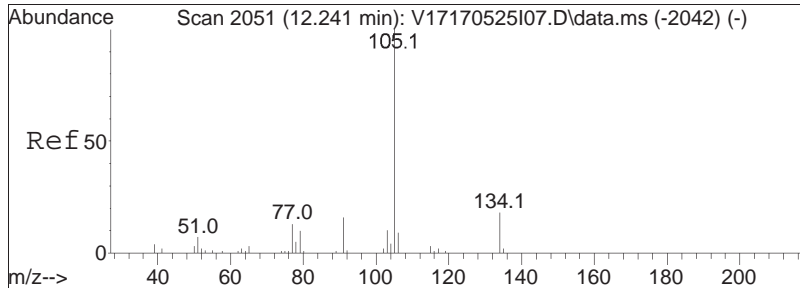




#97
 1,2,4-Trimethylbenzene
 Concen: 19.67 ug/L
 RT: 12.125 min Scan# 2029
 Delta R.T. -0.006 min
 Lab File: V17170718A02.D
 Acq: 18 Jul 2017 07:36

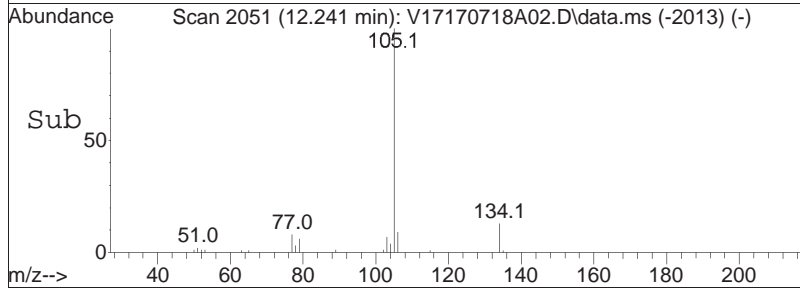
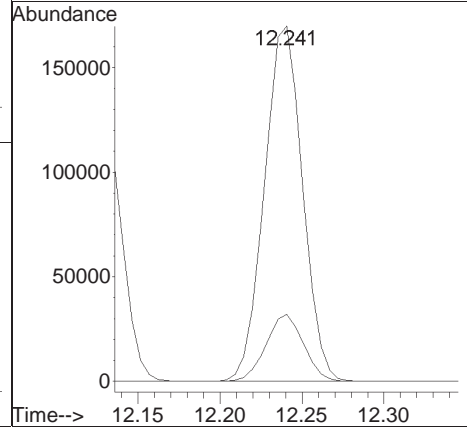
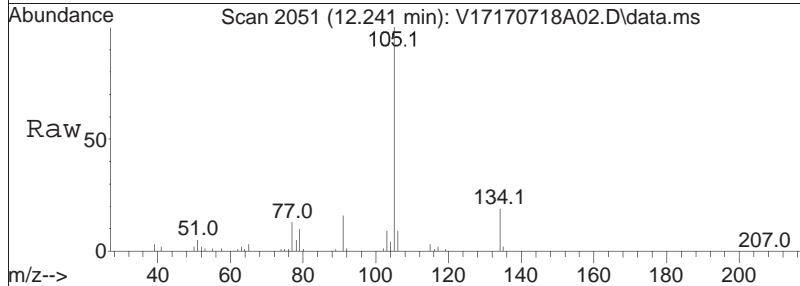
Tgt Ion	Resp	Lower	Upper
105	100		
120	43.3	35.7	53.5

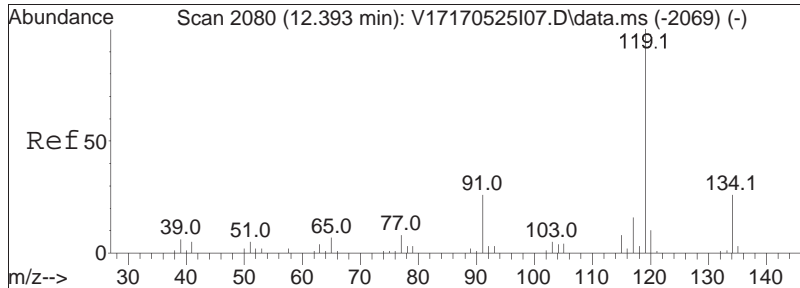




#98
 sec-Butylbenzene
 Concen: 19.64 ug/L
 RT: 12.241 min Scan# 2051
 Delta R.T. -0.000 min
 Lab File: V17170718A02.D
 Acq: 18 Jul 2017 07:36

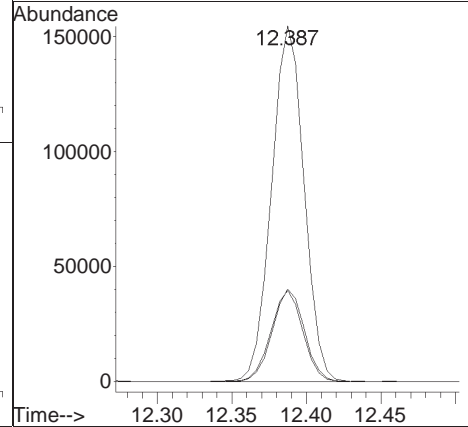
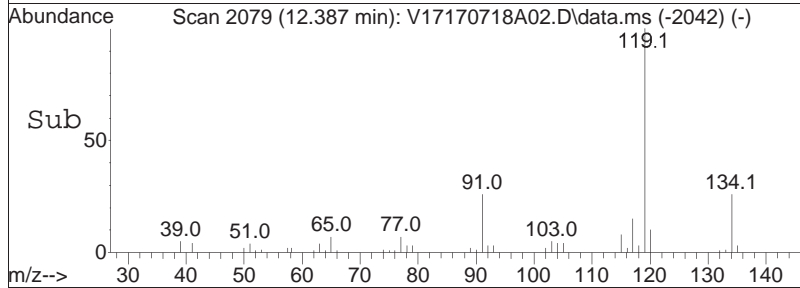
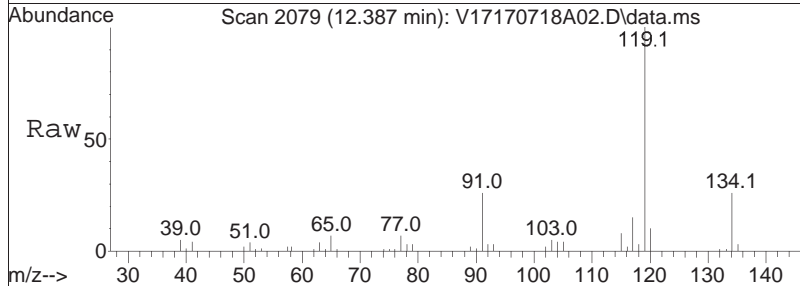
Tgt Ion	Resp	Lower	Upper
105	100		
134	18.5	12.5	25.9

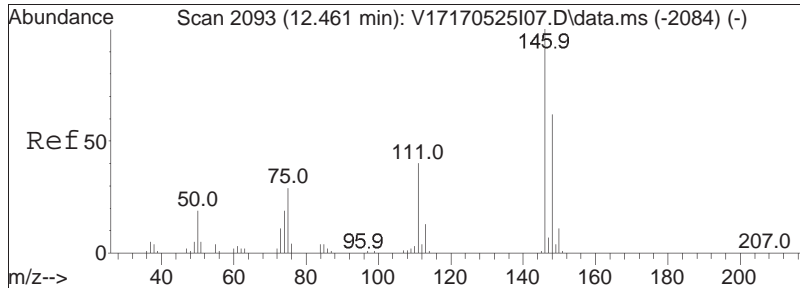




#99
 p-Isopropyltoluene
 Concen: 19.73 ug/L
 RT: 12.387 min Scan# 2079
 Delta R.T. -0.006 min
 Lab File: V17170718A02.D
 Acq: 18 Jul 2017 07:36

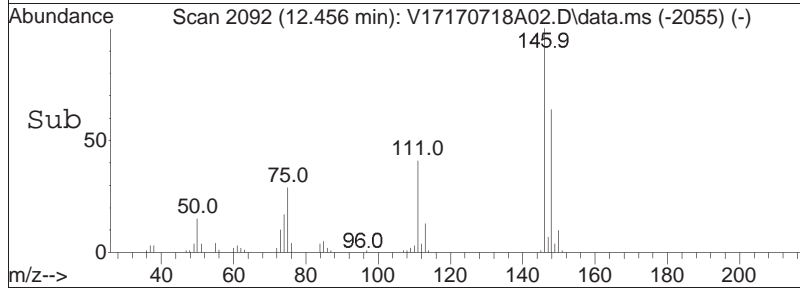
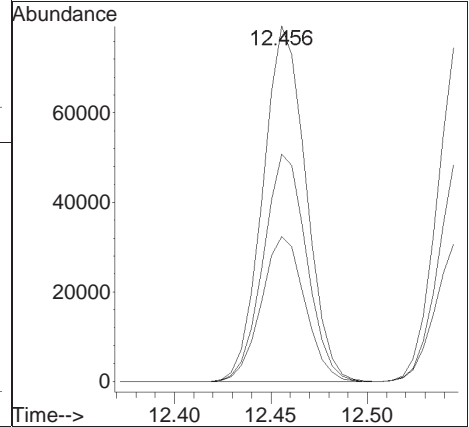
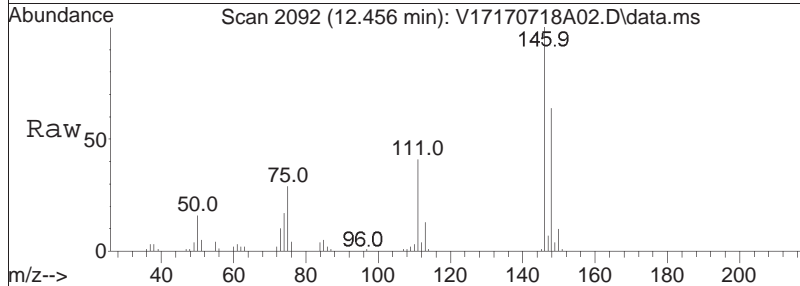
Tgt Ion	Resp	Lower	Upper
119	233512		
119	100		
134	25.6	17.0	35.2
91	25.2	15.6	32.4

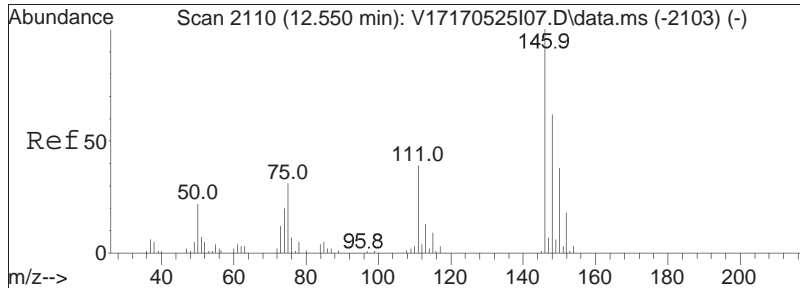




#100
 1,3-Dichlorobenzene
 Concen: 19.23 ug/L
 RT: 12.456 min Scan# 2092
 Delta R.T. -0.005 min
 Lab File: V17170718A02.D
 Acq: 18 Jul 2017 07:36

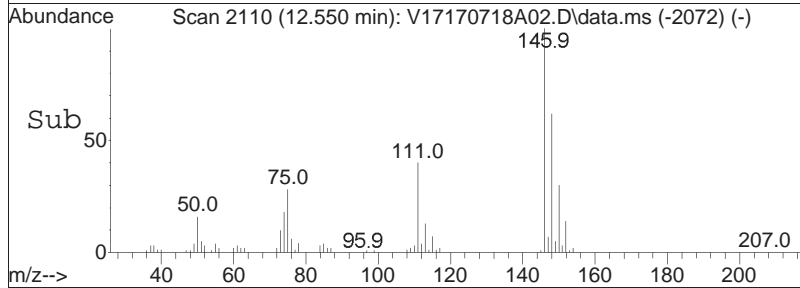
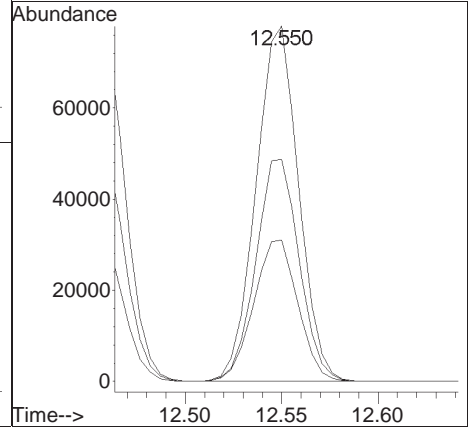
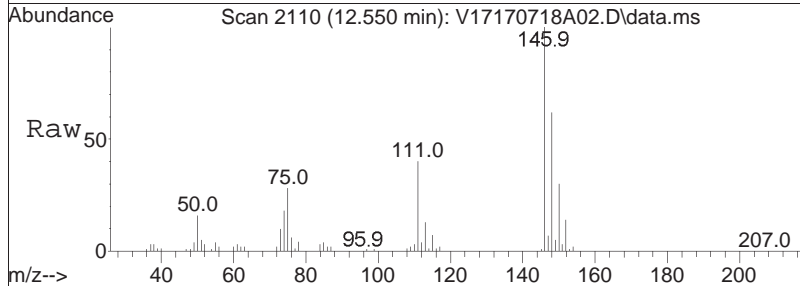
Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.2	25.8	53.6
148	64.1	41.6	86.4

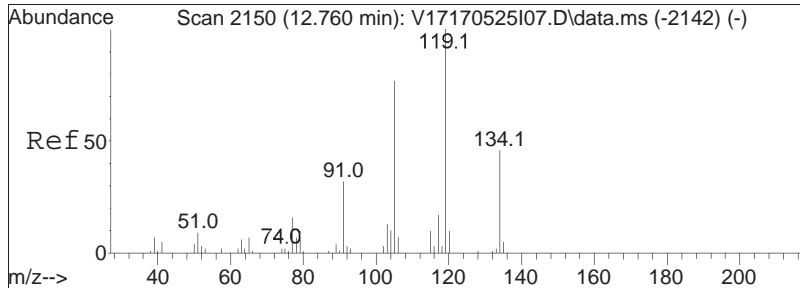




#101
 1,4-Dichlorobenzene
 Concen: 18.99 ug/L
 RT: 12.550 min Scan# 2110
 Delta R.T. -0.000 min
 Lab File: V17170718A02.D
 Acq: 18 Jul 2017 07:36

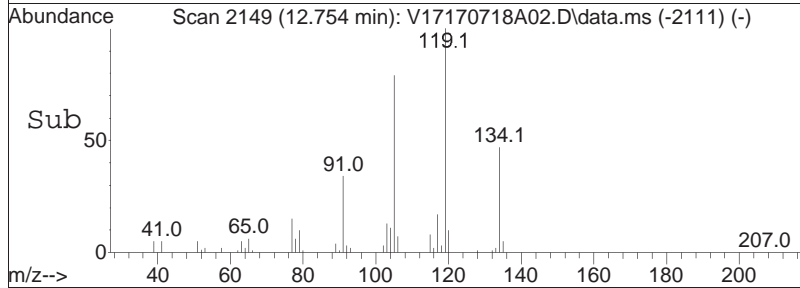
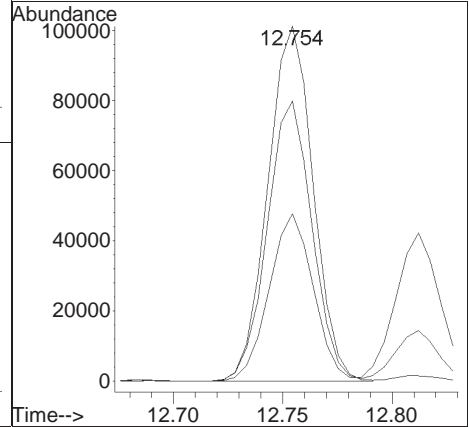
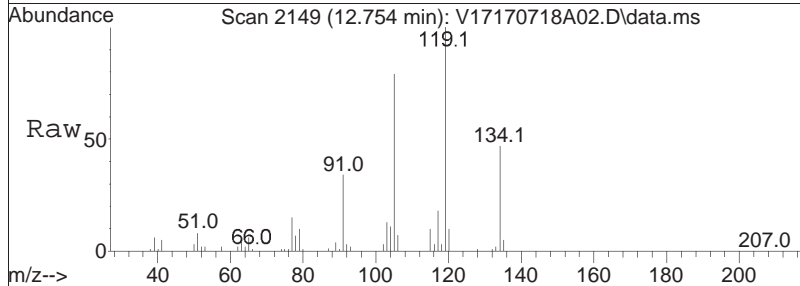
Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.2	31.4	47.0
148	63.5	51.7	77.5

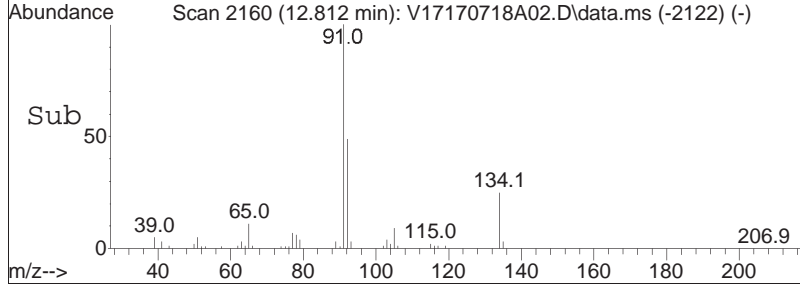
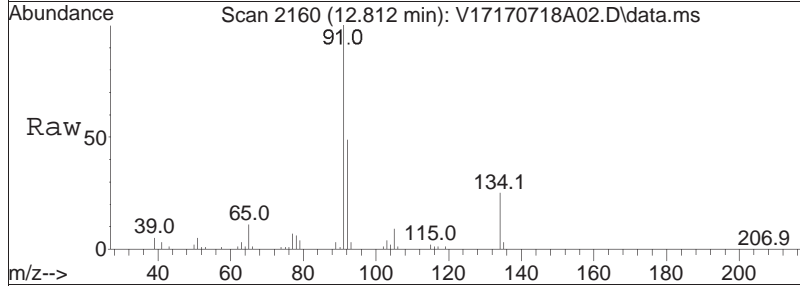
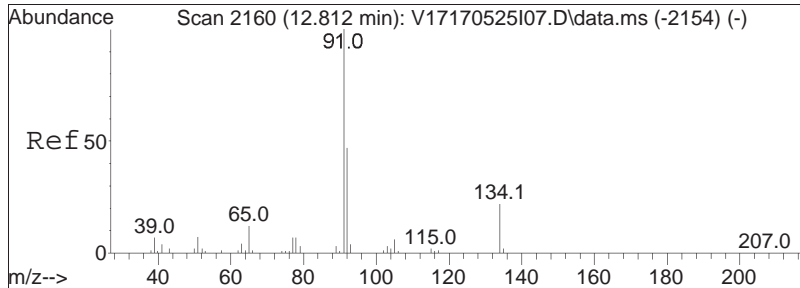




#102
 p-Diethylbenzene
 Concen: 20.05 ug/L
 RT: 12.754 min Scan# 2149
 Delta R.T. -0.001 min
 Lab File: V17170718A02.D
 Acq: 18 Jul 2017 07:36

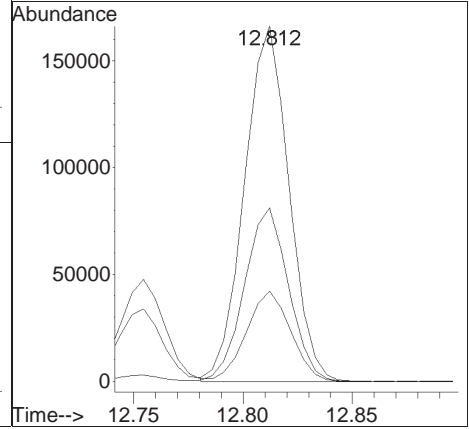
Tgt Ion	Resp	Lower	Upper
119	145794		
105	78.3	49.9	103.5
134	46.0	30.6	63.4

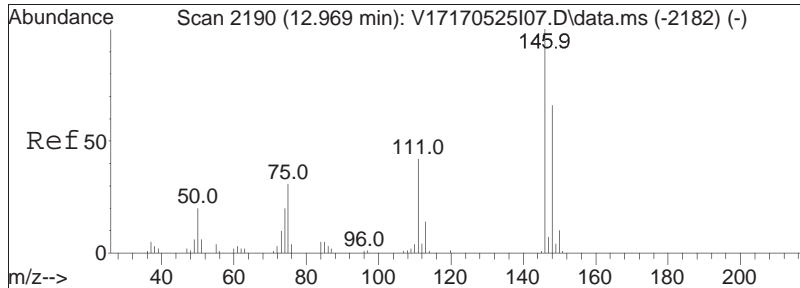




#103
 n-Butylbenzene
 Concen: 19.24 ug/L
 RT: 12.812 min Scan# 2160
 Delta R.T. 0.000 min
 Lab File: V17170718A02.D
 Acq: 18 Jul 2017 07:36

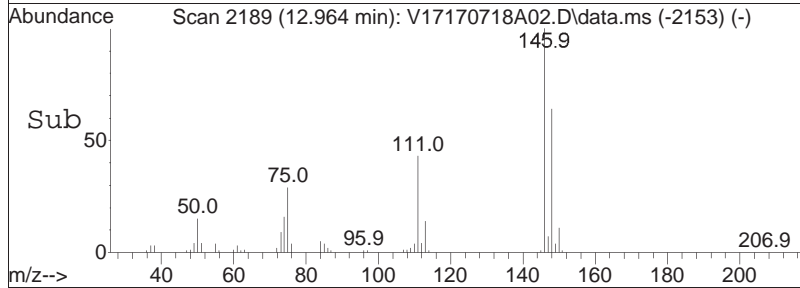
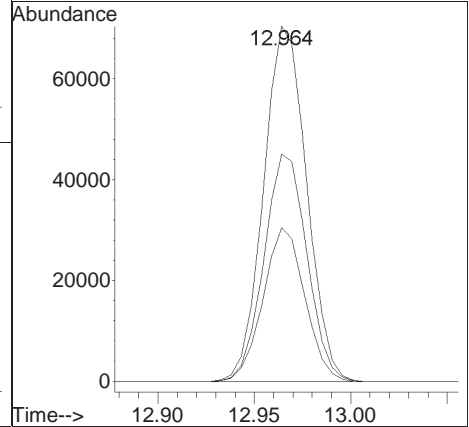
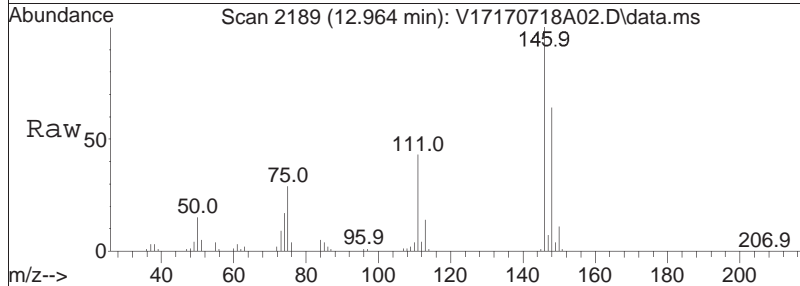
Tgt Ion	Resp	Lower	Upper
91	235357		
91	100		
92	48.4	39.0	58.4
134	25.3	21.3	31.9

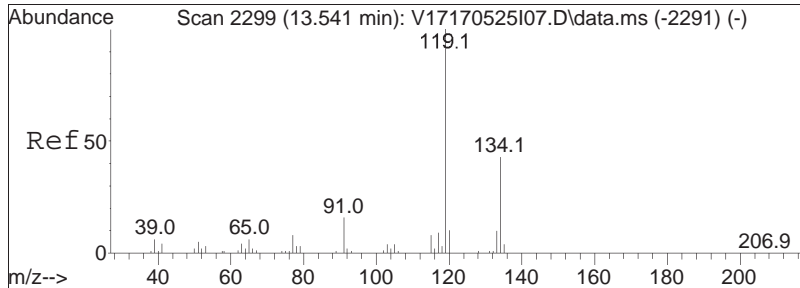




#104
 1,2-Dichlorobenzene
 Concen: 19.10 ug/L
 RT: 12.964 min Scan# 2189
 Delta R.T. -0.011 min
 Lab File: V17170718A02.D
 Acq: 18 Jul 2017 07:36

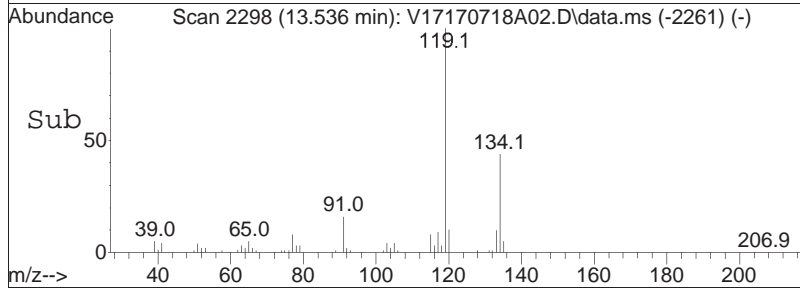
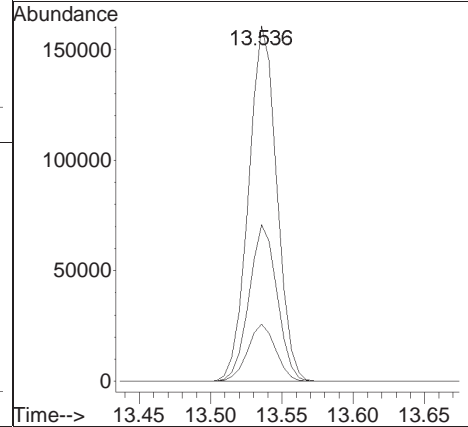
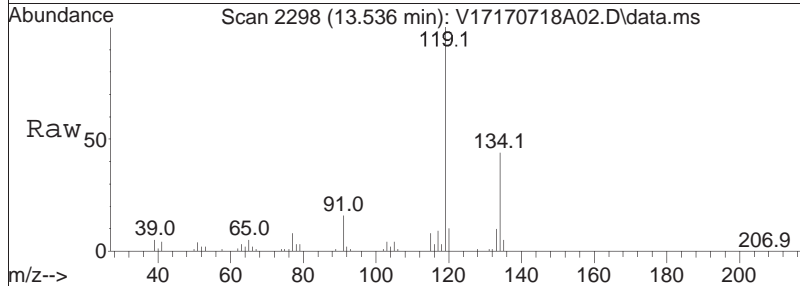
Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.0	26.2	54.4
148	63.9	41.6	86.4

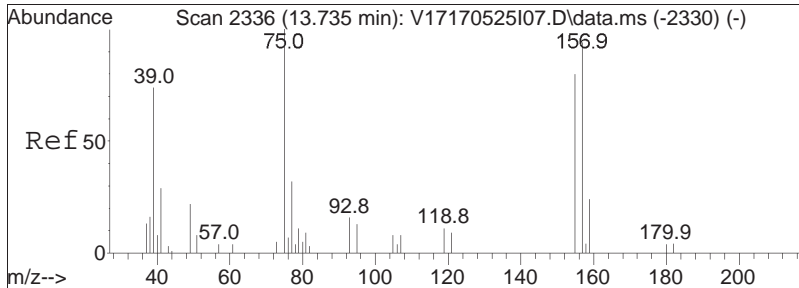




#105
 1,2,4,5-Tetramethylbenzene
 Concen: 20.17 ug/L
 RT: 13.536 min Scan# 2298
 Delta R.T. -0.005 min
 Lab File: V17170718A02.D
 Acq: 18 Jul 2017 07:36

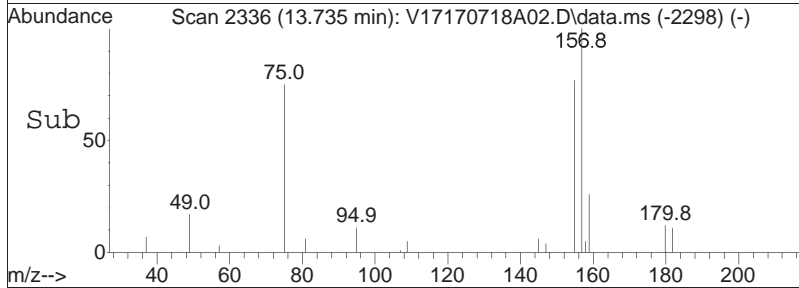
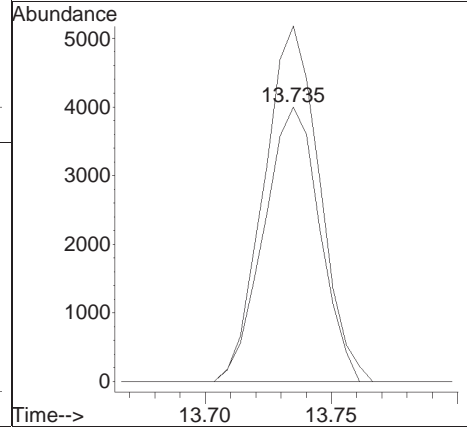
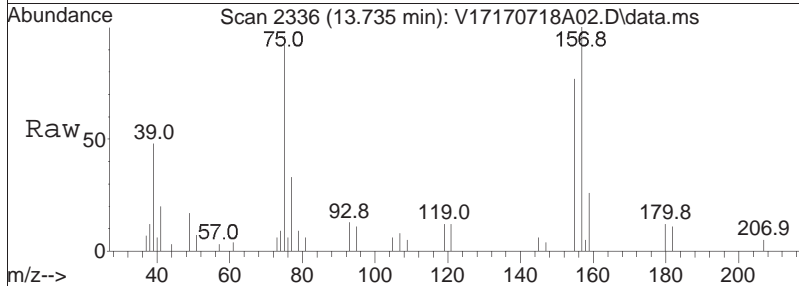
Tgt Ion	Ratio	Lower	Upper
119	100		
134	43.7	29.3	60.8
91	16.0	10.0	20.8

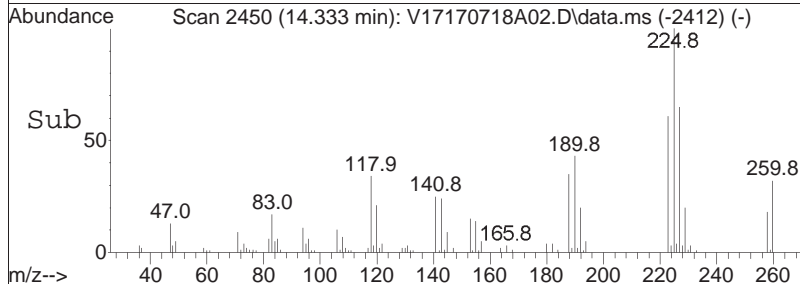
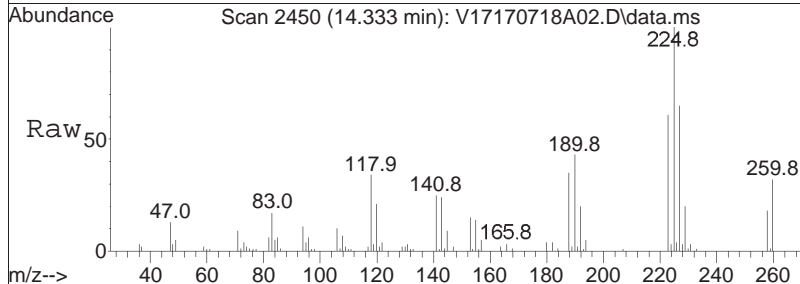
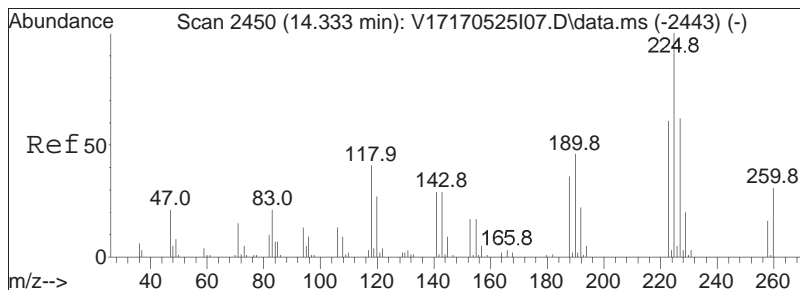




#106
 1,2-Dibromo-3-chloropropane
 Concen: 18.75 ug/L
 RT: 13.735 min Scan# 2336
 Delta R.T. -0.000 min
 Lab File: V17170718A02.D
 Acq: 18 Jul 2017 07:36

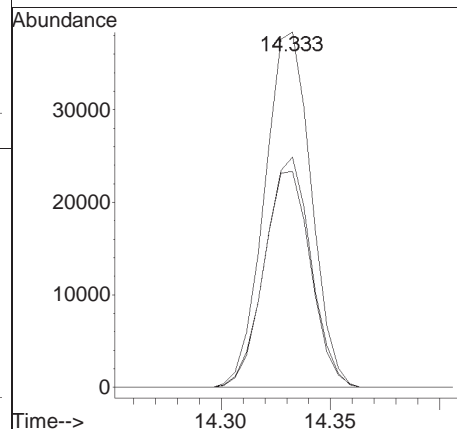
Tgt Ion	Resp	Lower	Upper
155	100		
157	128.7	103.4	155.0

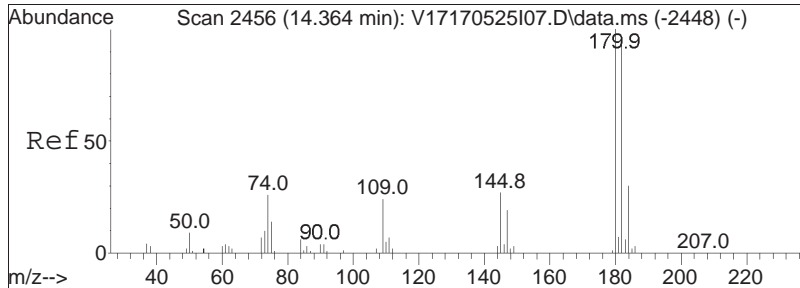




#108
 Hexachlorobutadiene
 Concen: 21.41 ug/L
 RT: 14.333 min Scan# 2450
 Delta R.T. -0.000 min
 Lab File: V17170718A02.D
 Acq: 18 Jul 2017 07:36

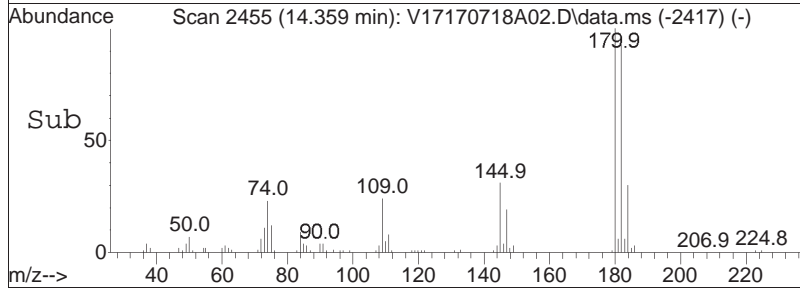
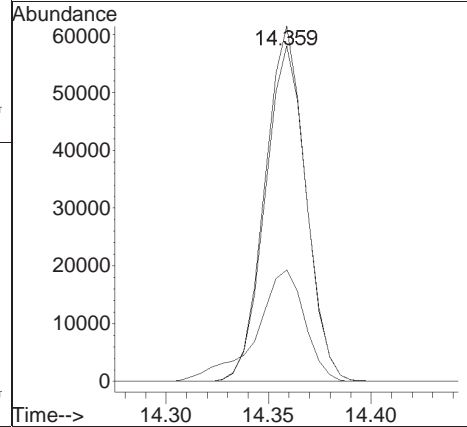
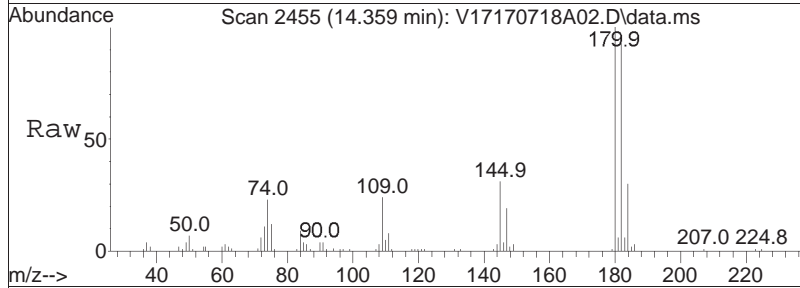
Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.5	50.2	75.2
227	63.7	51.5	77.3

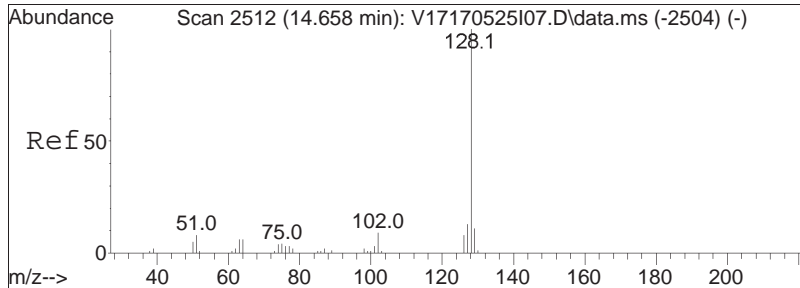




#109
 1,2,4-Trichlorobenzene
 Concen: 19.85 ug/L
 RT: 14.359 min Scan# 2455
 Delta R.T. -0.000 min
 Lab File: V17170718A02.D
 Acq: 18 Jul 2017 07:36

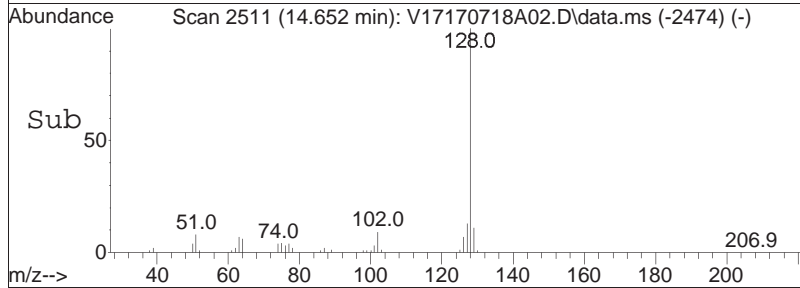
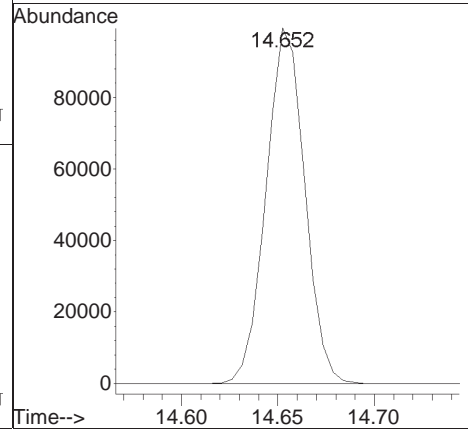
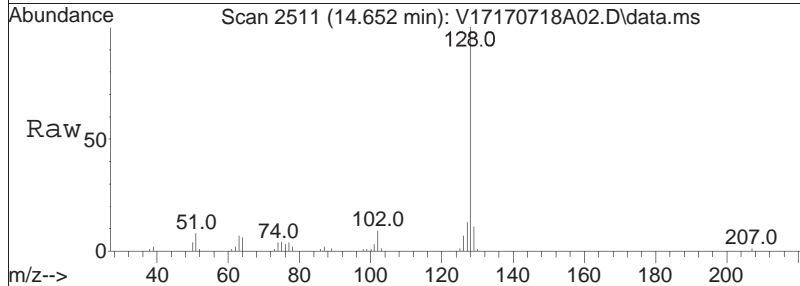
Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	77.2	115.8
145	37.5	29.0	43.6

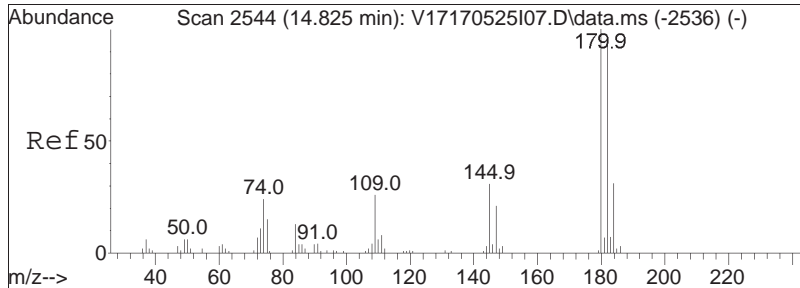




#110
 Naphthalene
 Concen: 18.50 ug/L
 RT: 14.652 min Scan# 2511
 Delta R.T. -0.006 min
 Lab File: V17170718A02.D
 Acq: 18 Jul 2017 07:36

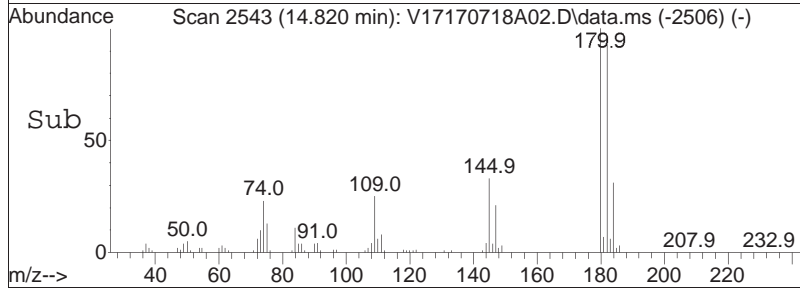
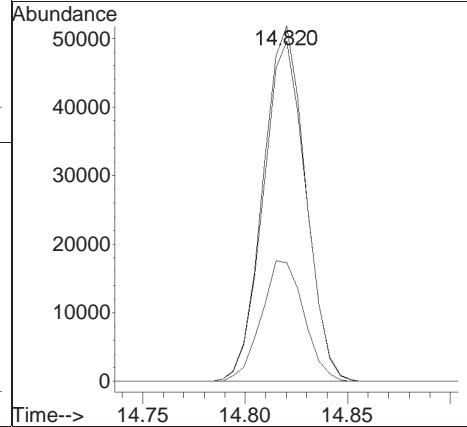
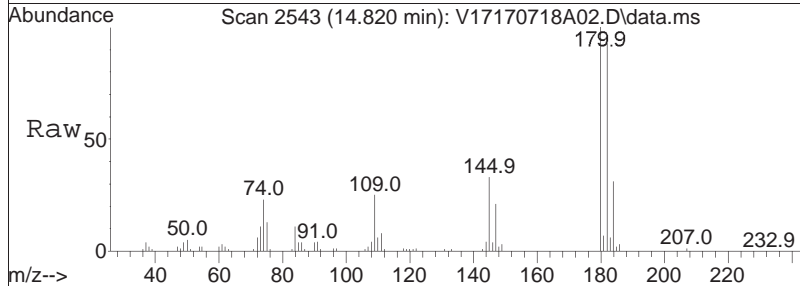
Tgt Ion:128 Resp: 138399





#111
 1,2,3-Trichlorobenzene
 Concen: 19.42 ug/L
 RT: 14.820 min Scan# 2543
 Delta R.T. -0.006 min
 Lab File: V17170718A02.D
 Acq: 18 Jul 2017 07:36

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	76.7	115.1
145	34.1	25.8	38.8



Manual Integration Report

Data Path : I:\VOLATILES\VOA117\2017\1QMethod : V117_170525_8260.m
Data File : V17170718A02.D Operator : VOA117:CBN
Date Inj'd : 7/18/2017 7:36 Instrument : VOA 117
Sample : WG1023786-4,31h,15,15,0.1 Quant Date : 7/18/2017 9:52 am

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA117\2017\170719A\
 Data File : V17170719A02.D
 Acq On : 19 Jul 2017 07:29
 Operator : VOA117:CBN
 Sample : WG1023786-9,31h,15,15,0.1
 Misc : WG1023786,ICAL13689
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 19 08:57:52 2017
 Quant Method : I:\VOLATILES\VOA117\2017\170719A\V117_170525_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 25 12:01:44 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA117\2017\170719A\V17170719A01.D
 Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Fluorobenzene	6.347	96	144207	20.000	ug/L	0.00
Standard Area 1 = 147983			Recovery =	97.45%		
59) Chlorobenzene-d5	9.913	117	111410	20.000	ug/L	0.00
Standard Area 1 = 113052			Recovery =	98.55%		
79) 1,4-Dichlorobenzene-d4	12.534	152	62003	20.000	ug/L	0.00
Standard Area 1 = 62353			Recovery =	99.44%		
System Monitoring Compounds						
36) Dibromofluoromethane	5.519	113	37325	19.395	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery =	96.97%		
43) 1,2-Dichloroethane-d4	6.059	65	34526	17.525	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery =	87.63%		
60) Toluene-d8	8.051	98	148767	20.629	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery =	103.15%		
83) 4-Bromofluorobenzene	11.355	95	55839	20.623	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery =	103.11%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.775	85	64079	20.290	ug/L	97
3) Chloromethane	1.990	50	72473	18.845	ug/L	98
4) Vinyl chloride	2.064	62	60761	16.232	ug/L	100
5) Bromomethane	2.410	94	32964	13.693	ug/L	100
6) Chloroethane	2.541	64	28777	14.408	ug/L	100
7) Trichlorofluoromethane	2.683	101	79947	16.650	ug/L	98
8) Ethyl ether	3.008	74	20856	20.276	ug/L	88
10) 1,1-Dichloroethene	3.207	96	45555	20.147	ug/L	97
11) Carbon disulfide	3.233	76	144712	16.967	ug/L	100
15) Methylene chloride	3.784	84	50053	19.863	ug/L	81
17) Acetone	3.841	43	7440	17.254	ug/L	95
18) trans-1,2-Dichloroethene	3.941	96	49047	19.788	ug/L	97
20) Methyl tert-butyl ether	4.056	73	104675	18.684	ug/L	94
23) 1,1-Dichloroethane	4.549	63	99743	19.313	ug/L	100
25) Acrylonitrile	4.601	53	11319	19.618	ug/L #	92
27) Vinyl acetate	4.790	43	86375	18.104	ug/L	97
28) cis-1,2-Dichloroethene	5.073	96	51386	19.384	ug/L	99
29) 2,2-Dichloropropane	5.183	77	75910	19.520	ug/L	86
30) Bromochloromethane	5.273	128	22352	19.136	ug/L	96
32) Chloroform	5.336	83	88021	18.907	ug/L	96

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA117\2017\170719A\
 Data File : V17170719A02.D
 Acq On : 19 Jul 2017 07:29
 Operator : VOA117:CBN
 Sample : WG1023786-9,31h,15,15,0.1
 Misc : WG1023786,ICAL13689
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 19 08:57:52 2017
 Quant Method : I:\VOLATILES\VOA117\2017\170719A\V117_170525_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 25 12:01:44 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA117\2017\170719A\V17170719A01.D
 Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Carbon tetrachloride	5.482	117	76528	20.486	ug/L	99
37) 1,1,1-Trichloroethane	5.550	97	83178	19.431	ug/L	99
39) 2-Butanone	5.655	43	11234	16.850	ug/L #	58
40) 1,1-Dichloropropene	5.676	75	65483	19.283	ug/L	98
41) Benzene	5.928	78	194051	19.027	ug/L	97
44) 1,2-Dichloroethane	6.132	62	57982	16.912	ug/L	100
48) Trichloroethene	6.520	95	56156	18.992	ug/L	97
50) Dibromomethane	6.966	93	25131	18.220	ug/L	95
51) 1,2-Dichloropropane	7.081	63	57295	19.219	ug/L	99
54) Bromodichloromethane	7.139	83	61950	18.251	ug/L	99
57) 1,4-Dioxane	7.365	88	13671	875.265	ug/L	92
58) cis-1,3-Dichloropropene	7.842	75	71404	18.619	ug/L #	86
61) Toluene	8.114	92	120037	20.096	ug/L	99
62) 4-Methyl-2-pentanone	8.555	58	11410	19.143	ug/L	76
63) Tetrachloroethene	8.560	166	58404	20.964	ug/L	97
65) trans-1,3-Dichloropropene	8.591	75	59224	19.229	ug/L #	80
68) 1,1,2-Trichloroethane	8.780	83	30783	19.363	ug/L	98
69) Chlorodibromomethane	8.990	129	46521	19.817	ug/L	98
70) 1,3-Dichloropropane	9.111	76	53022	19.117	ug/L	100
71) 1,2-Dibromoethane	9.278	107	33247	19.355	ug/L	100
72) 2-Hexanone	9.567	43	18029	16.890	ug/L	93
73) Chlorobenzene	9.934	112	134412	19.726	ug/L	96
74) Ethylbenzene	9.970	91	232748	19.623	ug/L	99
75) 1,1,1,2-Tetrachloroethane	10.012	131	50841	20.431	ug/L	99
76) p/m Xylene	10.154	106	181107	39.717	ug/L	97
77) o Xylene	10.673	106	165078	38.167	ug/L	95
78) Styrene	10.736	104	274934	38.744	ug/L	98
80) Bromoform	10.757	173	29826	19.531	ug/L	100
82) Isopropylbenzene	11.040	105	234702	20.124	ug/L	99
84) Bromobenzene	11.465	156	59378	20.197	ug/L	99
85) n-Propylbenzene	11.501	91	287093	19.770	ug/L	98
87) 1,1,2,2-Tetrachloroethane	11.575	83	39439	18.572	ug/L	100
88) 4-Ethyltoluene	11.622	105	243888	20.928	ug/L	98
89) 2-Chlorotoluene	11.669	91	171084	19.997	ug/L	96
90) 1,3,5-Trimethylbenzene	11.716	105	212762	20.367	ug/L	98
91) 1,2,3-Trichloropropane	11.722	75	30939	18.188	ug/L	95
92) trans-1,4-Dichloro-2-b...	11.774	53	11614	17.351	ug/L #	81
93) 4-Chlorotoluene	11.847	91	173152	19.853	ug/L	96
94) tert-Butylbenzene	12.052	119	174304	20.184	ug/L	95

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA117\2017\170719A\
 Data File : V17170719A02.D
 Acq On : 19 Jul 2017 07:29
 Operator : VOA117:CBN
 Sample : WG1023786-9,31h,15,15,0.1
 Misc : WG1023786,ICAL13689
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 19 08:57:52 2017
 Quant Method : I:\VOLATILES\VOA117\2017\170719A\V117_170525_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 25 12:01:44 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA117\2017\170719A\V17170719A01.D
 Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97) 1,2,4-Trimethylbenzene	12.125	105	211168	20.508	ug/L	98
98) sec-Butylbenzene	12.241	105	265103	20.229	ug/L	99
99) p-Isopropyltoluene	12.387	119	227628	20.553	ug/L	99
100) 1,3-Dichlorobenzene	12.456	146	118733	19.785	ug/L	98
101) 1,4-Dichlorobenzene	12.545	146	116231	19.662	ug/L	98
102) p-Diethylbenzene	12.755	119	140755	20.691	ug/L	98
103) n-Butylbenzene	12.812	91	227954	19.912	ug/L	98
104) 1,2-Dichlorobenzene	12.964	146	104971	19.626	ug/L	99
105) 1,2,4,5-Tetramethylben...	13.536	119	213825	20.834	ug/L	98
106) 1,2-Dibromo-3-chloropr...	13.735	155	6135	19.965	ug/L	100
108) Hexachlorobutadiene	14.327	225	55629	22.299	ug/L	99
109) 1,2,4-Trichlorobenzene	14.359	180	81649	20.397	ug/L	98
110) Naphthalene	14.653	128	135376	19.345	ug/L	100
111) 1,2,3-Trichlorobenzene	14.820	180	72509	20.172	ug/L	99

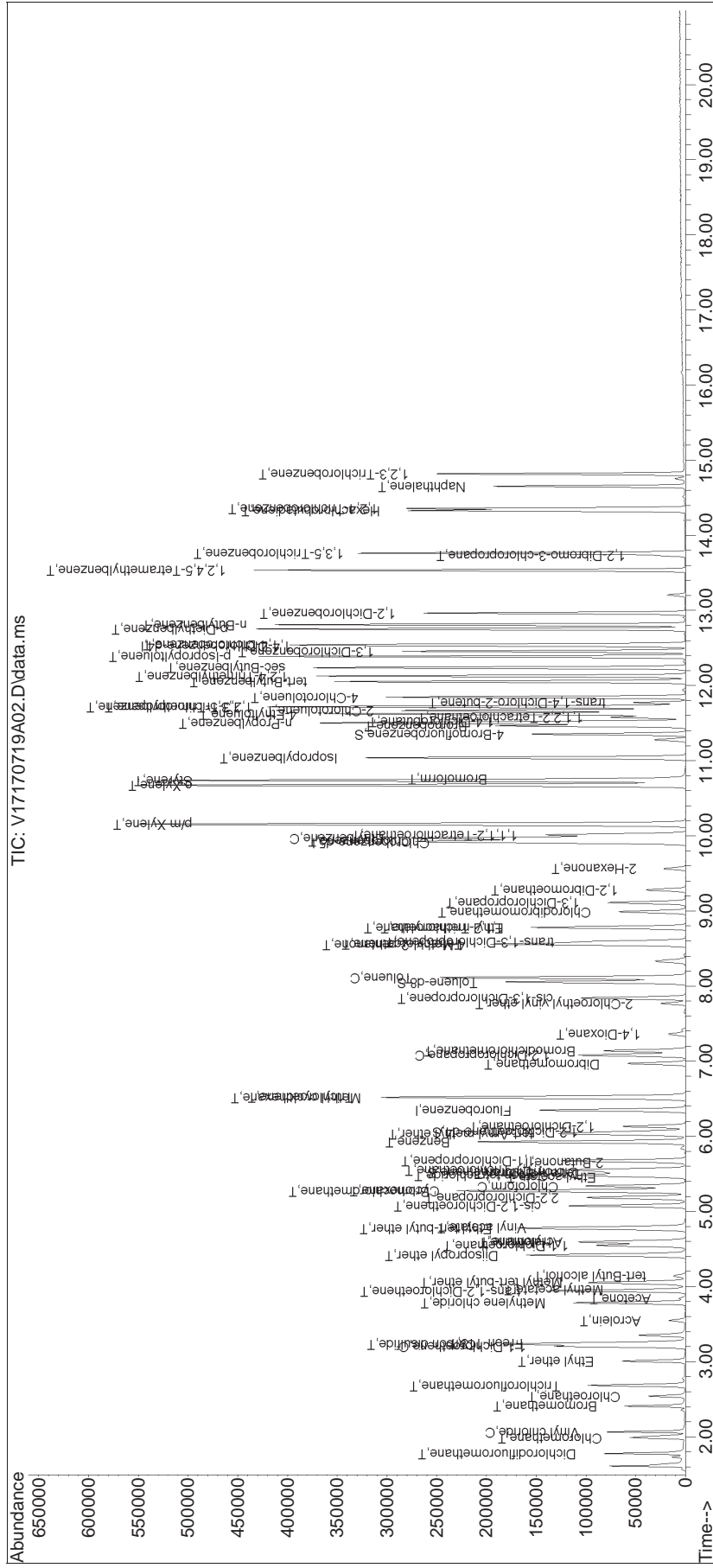
(#) = qualifier out of range (m) = manual integration (+) = signals summed

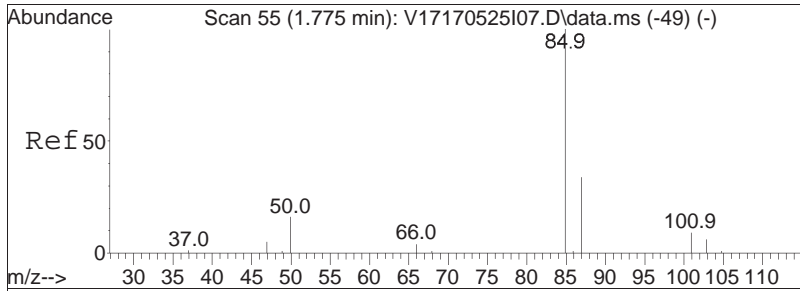
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA117\2017\170719A\
 Data File : V17170719A02.D
 Acq On : 19 Jul 2017 07:29
 Operator : VOA117:CBN
 Sample : WG1023786-9,31h,15,15,0.1
 Misc : WG1023786,ICAL13689
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 19 08:57:52 2017
 Quant Method : I:\VOLATILES\VOA117\2017\170719A\170719A_V117_170525_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 25 12:01:44 2017
 Response via : Initial Calibration

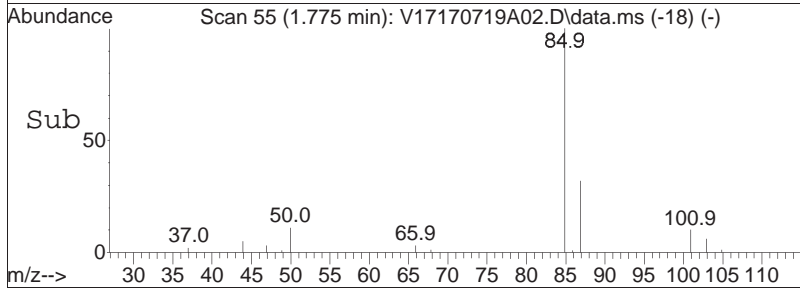
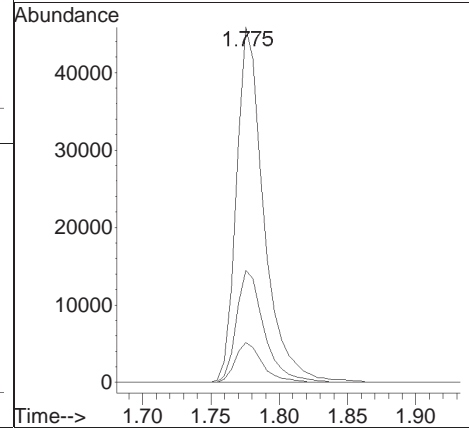
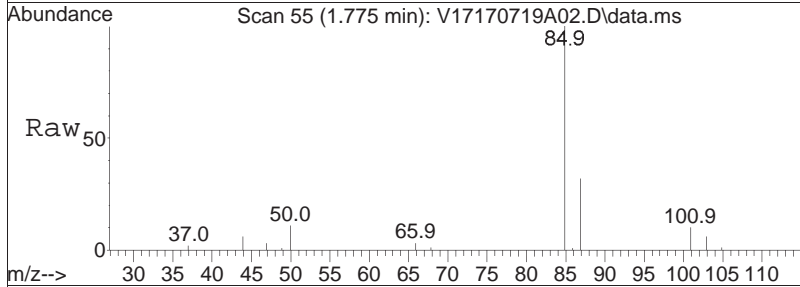
Sub List : 8260-CurveSoil - Megamix plus Diox9A\V17170719A01.D•

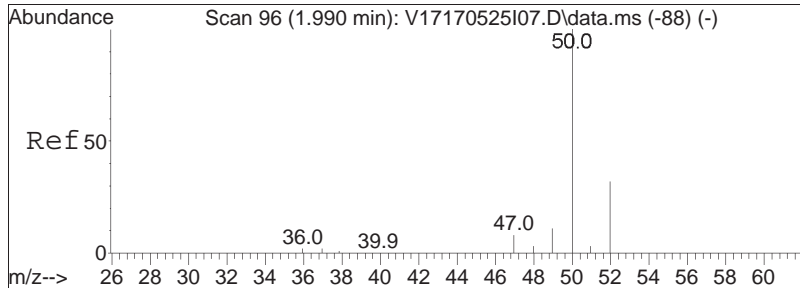




#2
 Dichlorodifluoromethane
 Concen: 20.29 ug/L
 RT: 1.775 min Scan# 55
 Delta R.T. -0.006 min
 Lab File: V17170719A02.D
 Acq: 19 Jul 2017 07:29

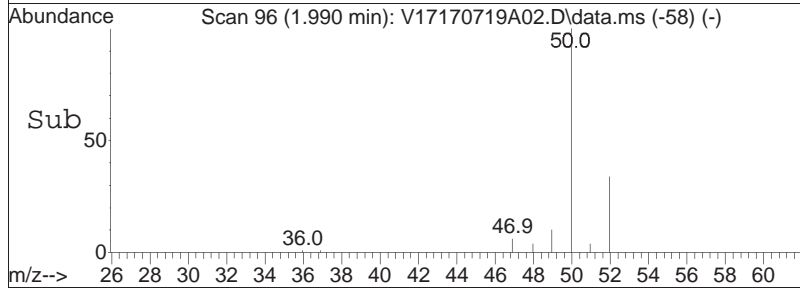
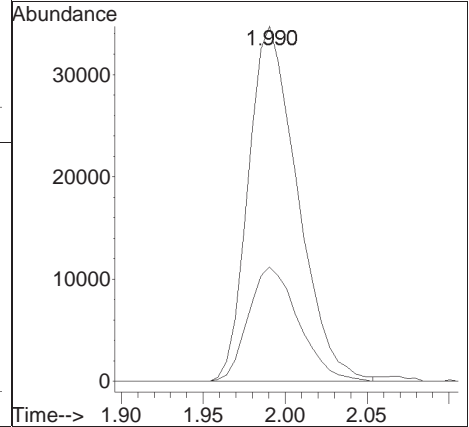
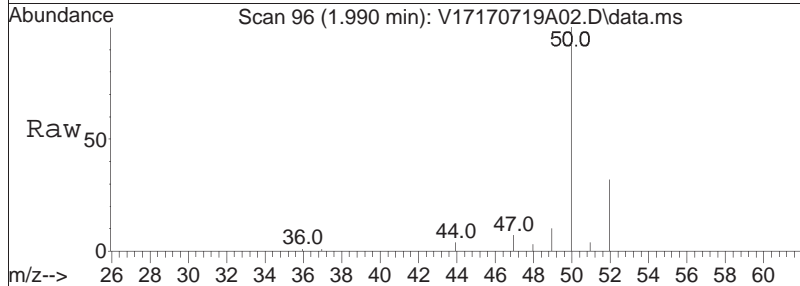
Tgt Ion	Ratio	Resp	Lower	Upper
85	100	64079		
87	31.8		20.9	43.5
50	11.1		9.2	19.0

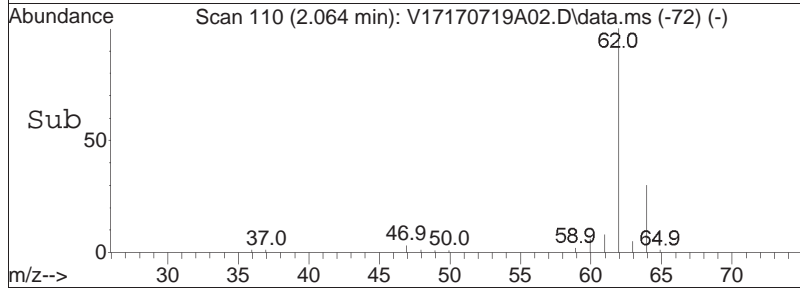
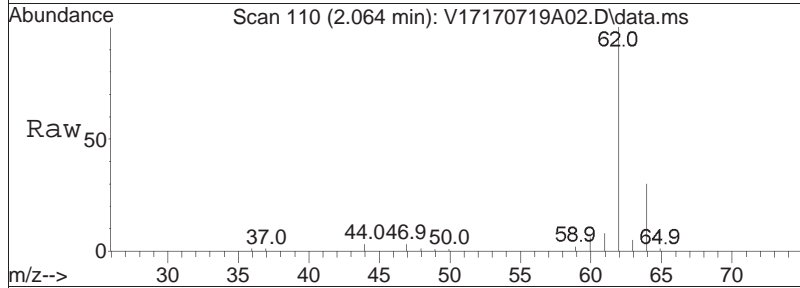
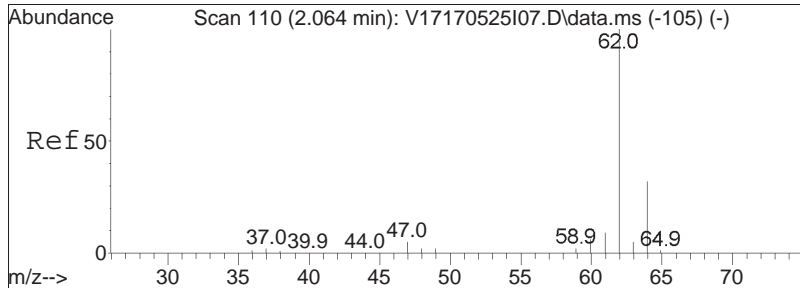




#3
 Chloromethane
 Concen: 18.84 ug/L
 RT: 1.990 min Scan# 96
 Delta R.T. -0.000 min
 Lab File: V17170719A02.D
 Acq: 19 Jul 2017 07:29

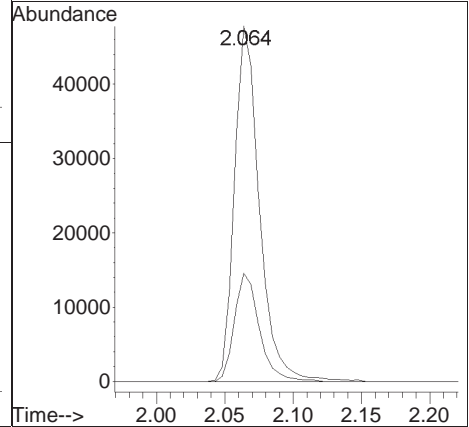
Tgt Ion	Resp	Lower	Upper
50	72473		
52	32.9	11.9	51.9

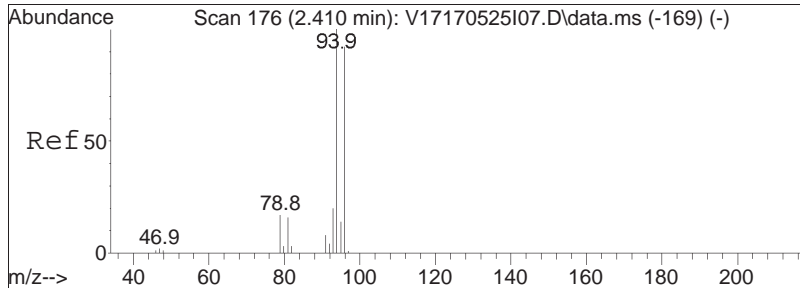




#4
 Vinyl chloride
 Concen: 16.23 ug/L
 RT: 2.064 min Scan# 110
 Delta R.T. -0.000 min
 Lab File: V17170719A02.D
 Acq: 19 Jul 2017 07:29

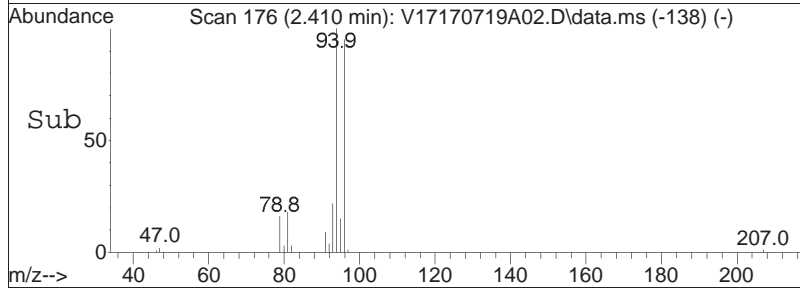
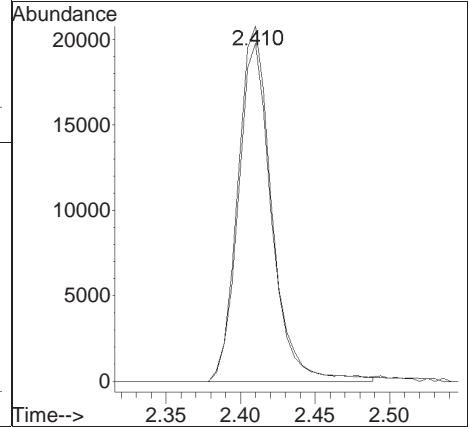
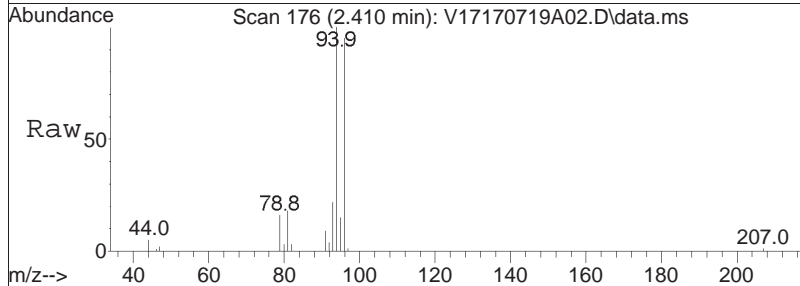
Tgt Ion:	Resp:	Lower	Upper
62	100		
64	30.3	10.2	50.2

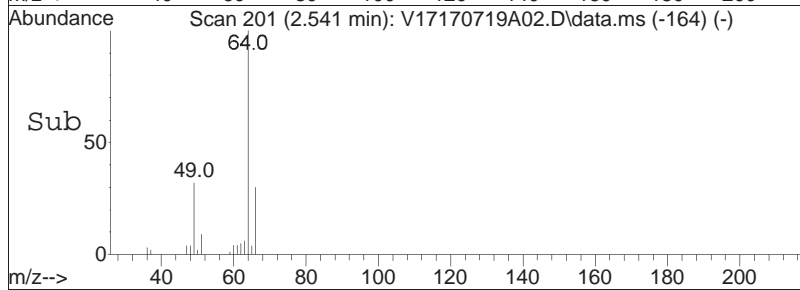
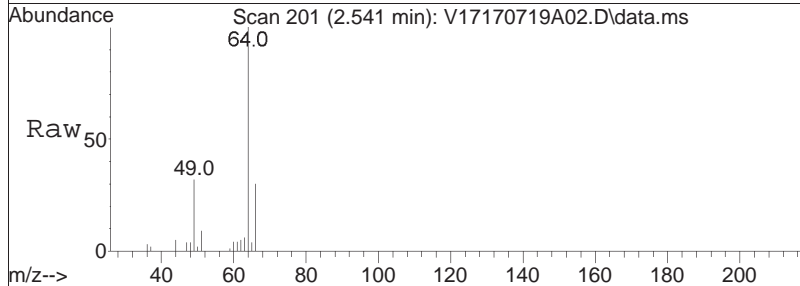
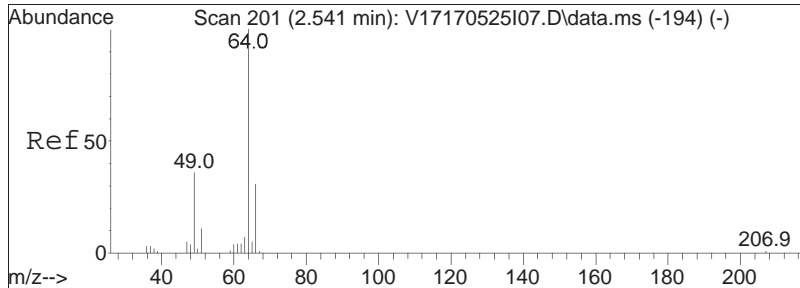




#5
 Bromomethane
 Concen: 13.69 ug/L
 RT: 2.410 min Scan# 176
 Delta R.T. -0.000 min
 Lab File: V17170719A02.D
 Acq: 19 Jul 2017 07:29

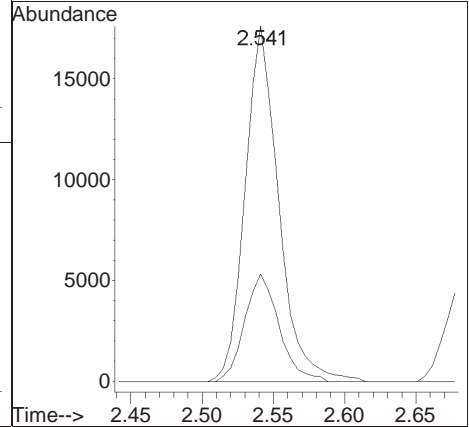
Tgt Ion: 94 Resp: 32964
 Ion Ratio Lower Upper
 94 100
 96 94.6 74.6 114.6

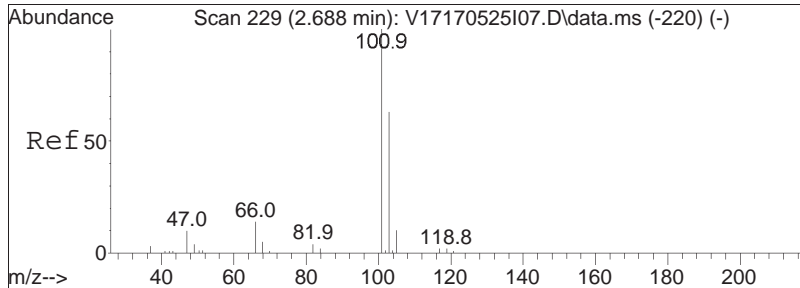




#6
 Chloroethane
 Concen: 14.41 ug/L
 RT: 2.541 min Scan# 201
 Delta R.T. -0.005 min
 Lab File: V17170719A02.D
 Acq: 19 Jul 2017 07:29

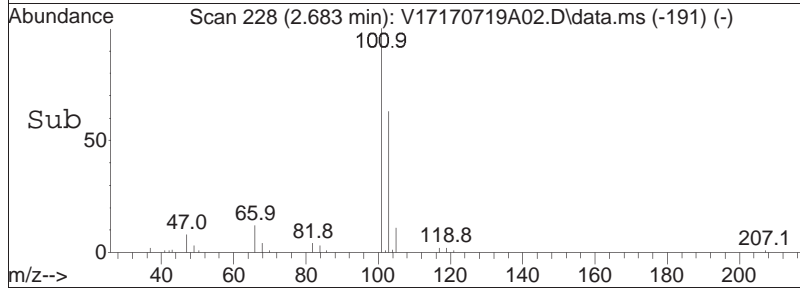
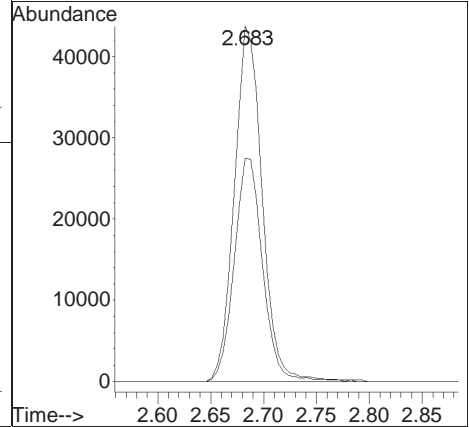
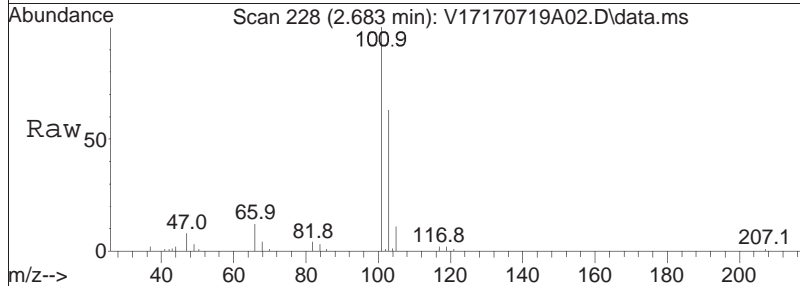
Tgt Ion	Resp	Lower	Upper
64	100		
66	31.0	11.2	51.2

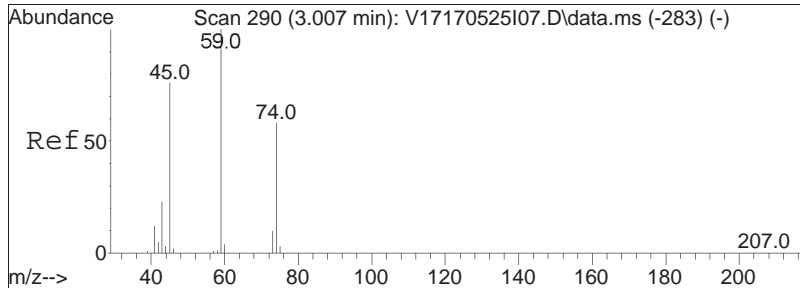




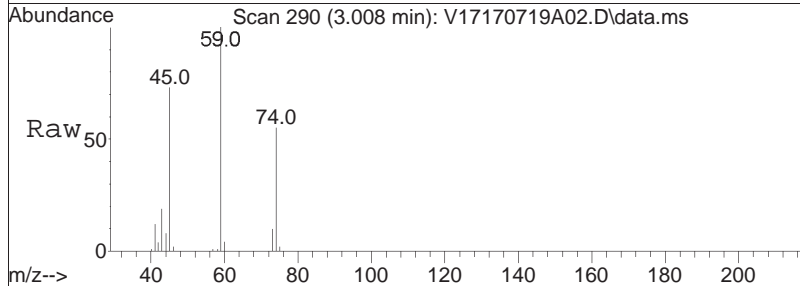
#7
 Trichlorofluoromethane
 Concen: 16.65 ug/L
 RT: 2.683 min Scan# 228
 Delta R.T. -0.005 min
 Lab File: V17170719A02.D
 Acq: 19 Jul 2017 07:29

Tgt Ion	Resp	Lower	Upper
101	79947		
101	100		
103	64.1	52.6	78.8

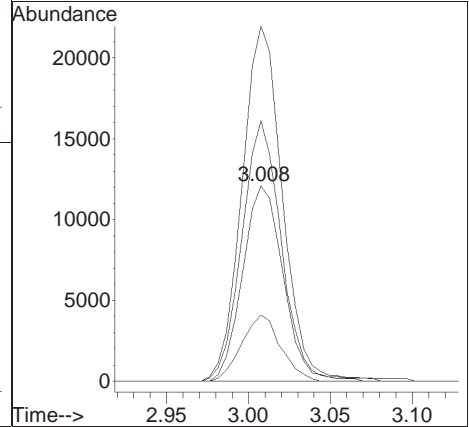
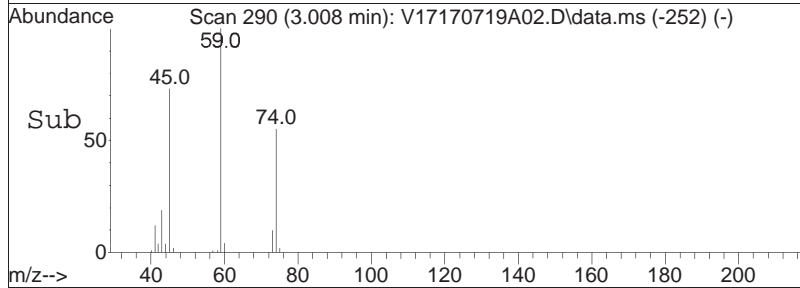


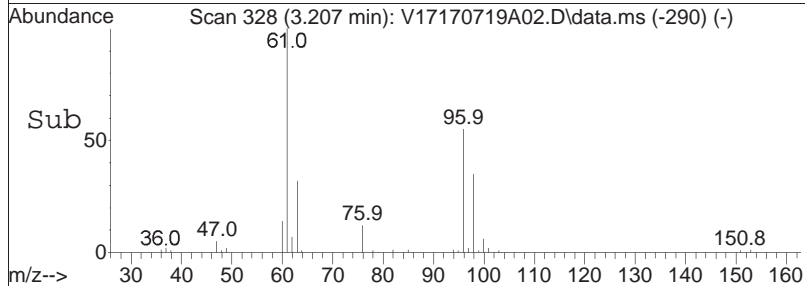
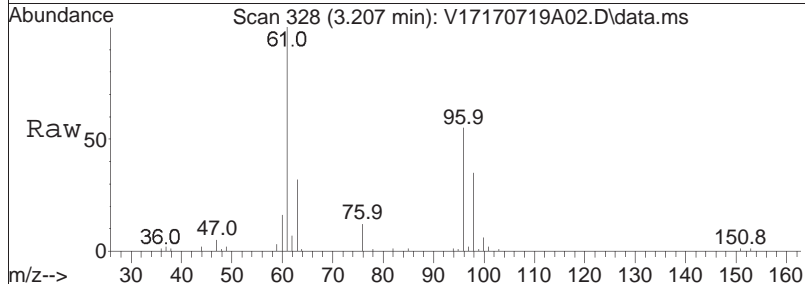
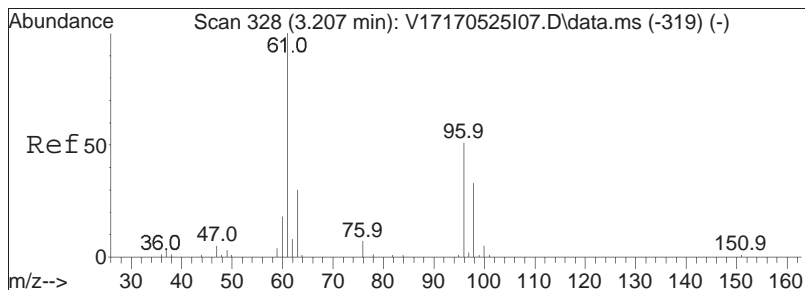


#8
 Ethyl ether
 Concen: 20.28 ug/L
 RT: 3.008 min Scan# 290
 Delta R.T. -0.000 min
 Lab File: V17170719A02.D
 Acq: 19 Jul 2017 07:29



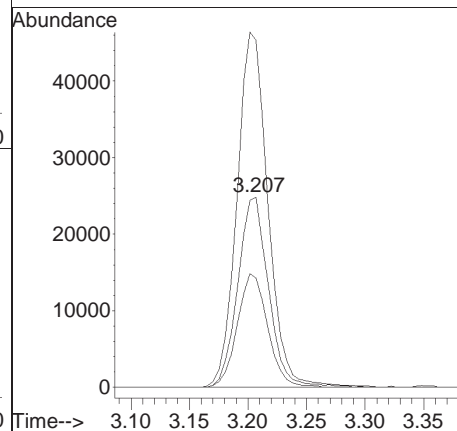
Tgt Ion:	Resp:		
Ion	Ratio	Lower	Upper
74	100		
59	181.0	122.6	254.6
45	130.3	102.1	212.1
43	32.7	24.8	51.6

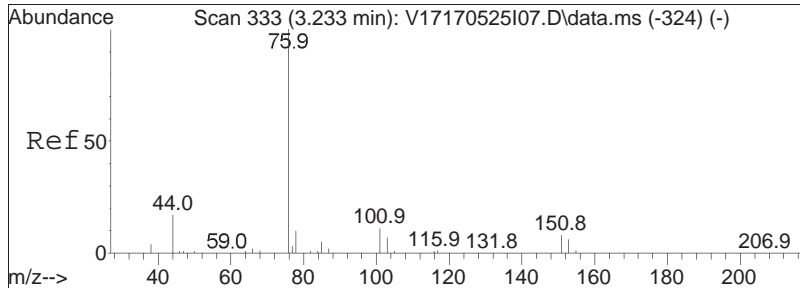




#10
 1,1-Dichloroethene
 Concen: 20.15 ug/L
 RT: 3.207 min Scan# 328
 Delta R.T. -0.000 min
 Lab File: V17170719A02.D
 Acq: 19 Jul 2017 07:29

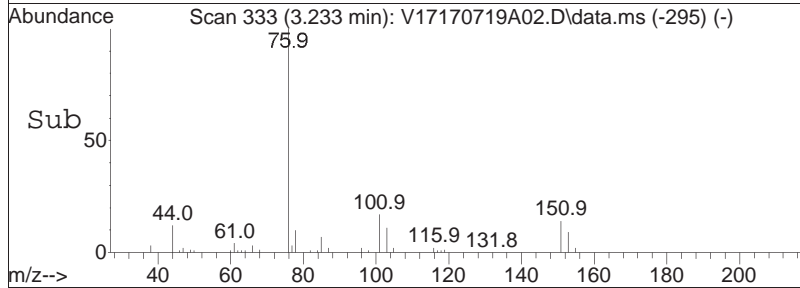
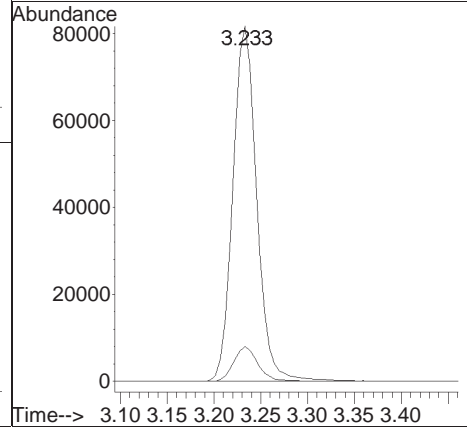
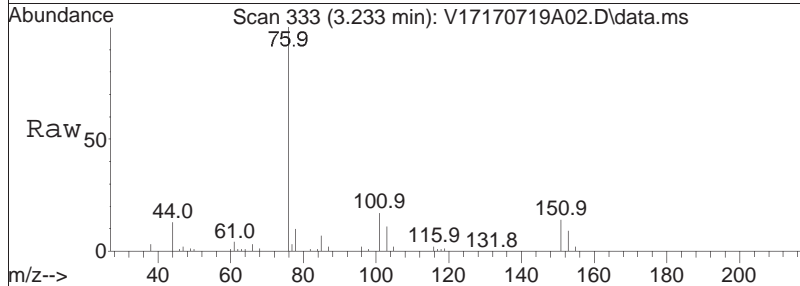
Tgt Ion	Resp	Lower	Upper
96	45555		
96	100		
61	187.6	153.9	230.9
63	59.0	48.2	72.2

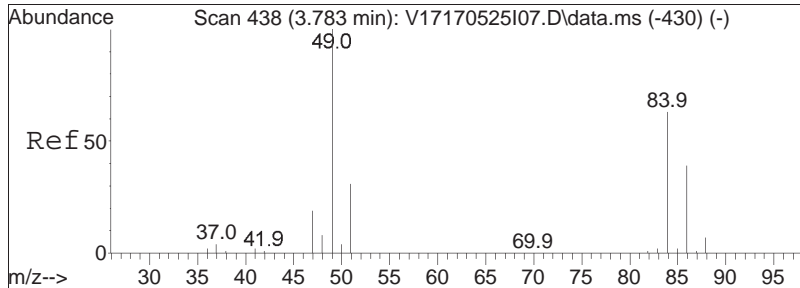




#11
 Carbon disulfide
 Concen: 16.97 ug/L
 RT: 3.233 min Scan# 333
 Delta R.T. 0.000 min
 Lab File: V17170719A02.D
 Acq: 19 Jul 2017 07:29

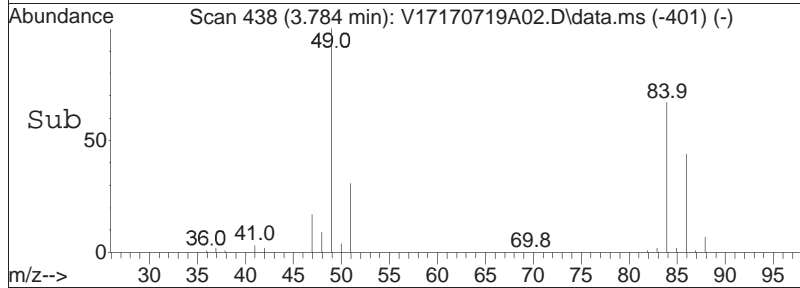
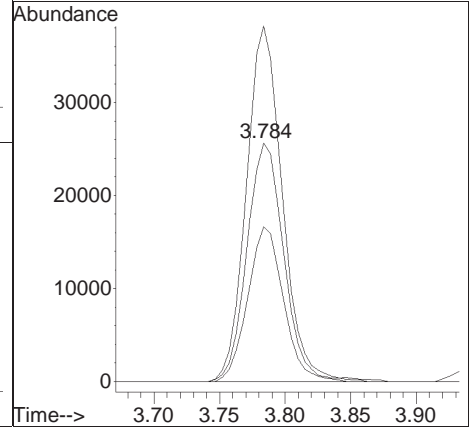
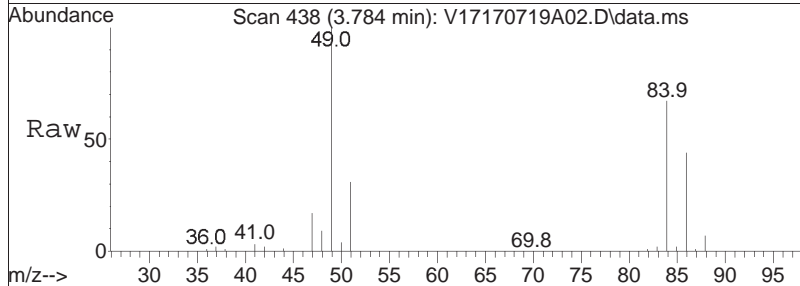
Tgt Ion	Resp	Lower	Upper
76	144712		
76	100		
78	9.9	6.4	13.4

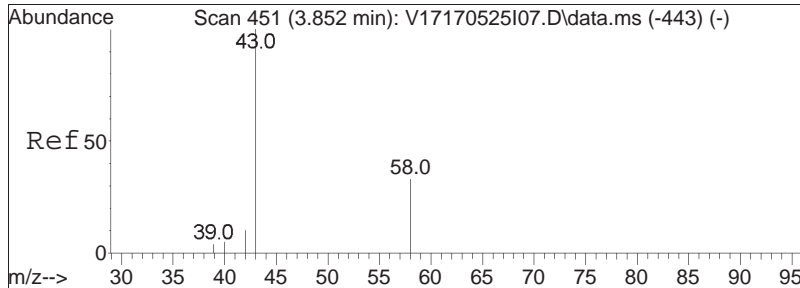




#15
 Methylene chloride
 Concen: 19.86 ug/L
 RT: 3.784 min Scan# 438
 Delta R.T. -0.005 min
 Lab File: V17170719A02.D
 Acq: 19 Jul 2017 07:29

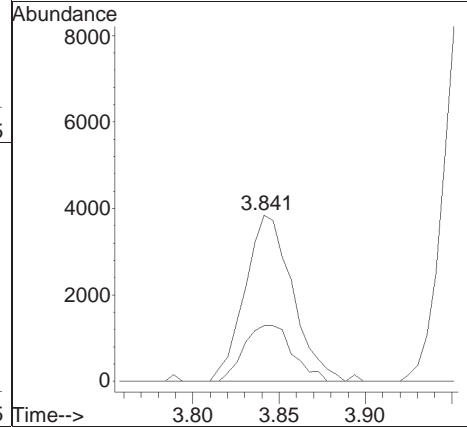
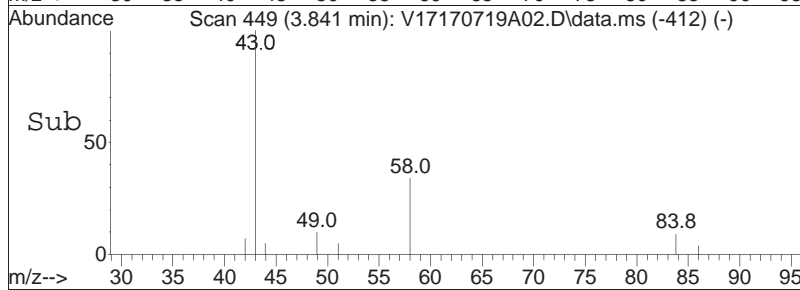
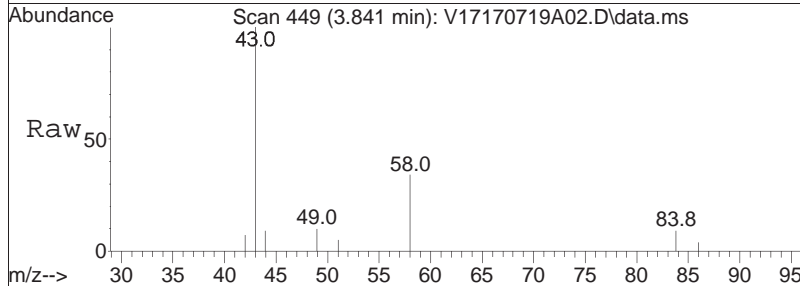
Tgt Ion:	84	Resp:	50053
Ion Ratio	Lower	Upper	
84	100		
86	63.0	42.4	88.2
49	145.9	117.3	243.5

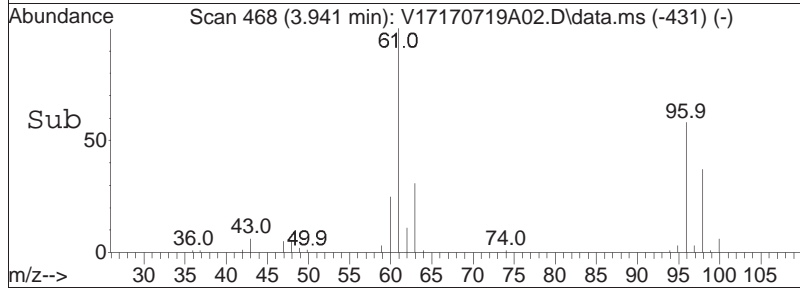
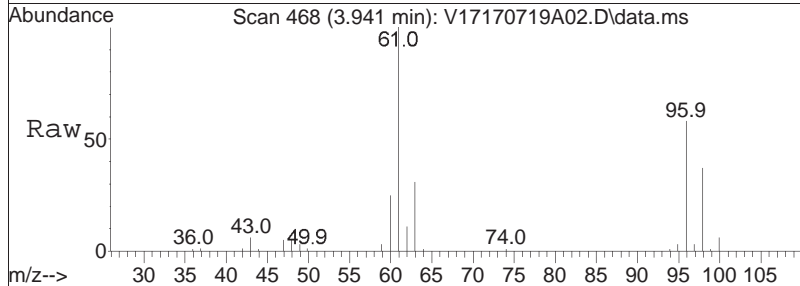
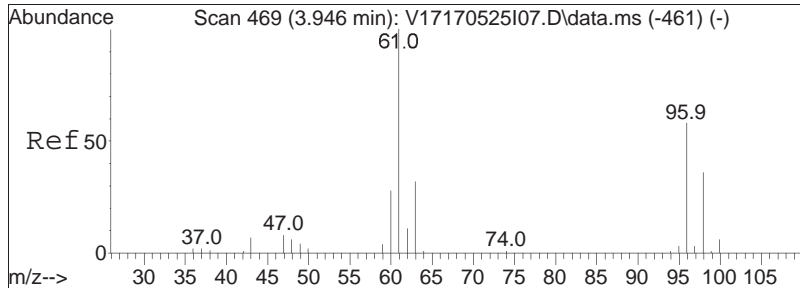




#17
 Acetone
 Concen: 17.25 ug/L
 RT: 3.841 min Scan# 449
 Delta R.T. -0.006 min
 Lab File: V17170719A02.D
 Acq: 19 Jul 2017 07:29

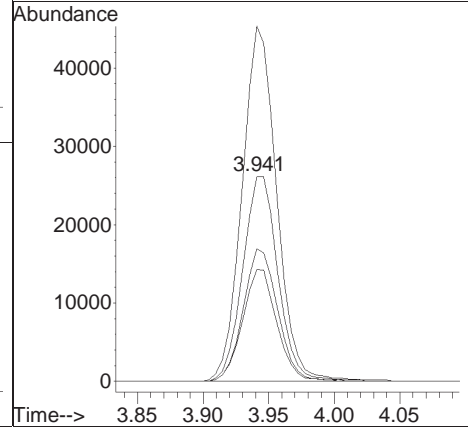
Tgt Ion	Resp	Lower	Upper
43	7440		
58	34.2	25.1	37.7

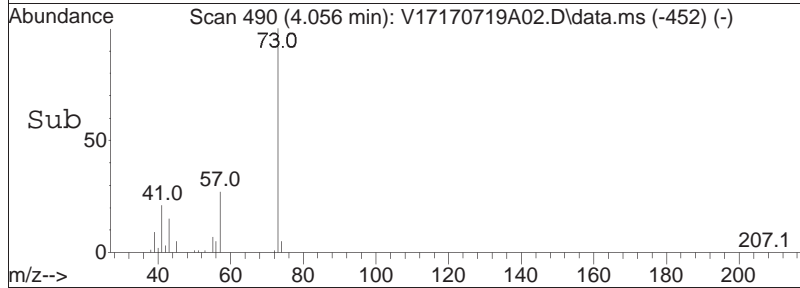
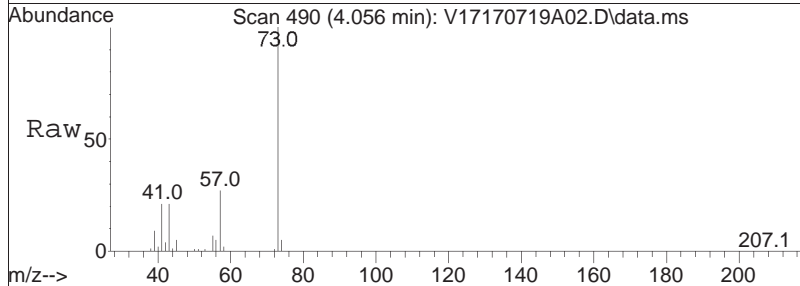
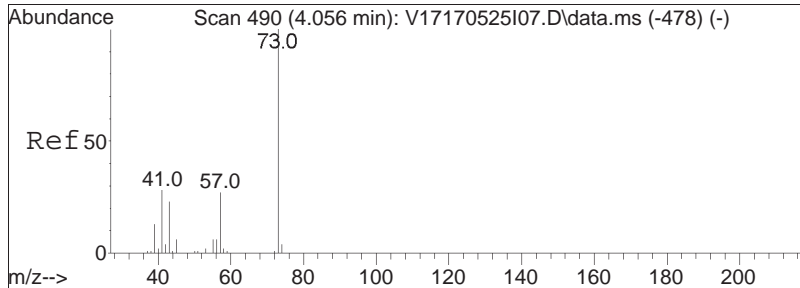




#18
 trans-1,2-Dichloroethene
 Concen: 19.79 ug/L
 RT: 3.941 min Scan# 468
 Delta R.T. -0.005 min
 Lab File: V17170719A02.D
 Acq: 19 Jul 2017 07:29

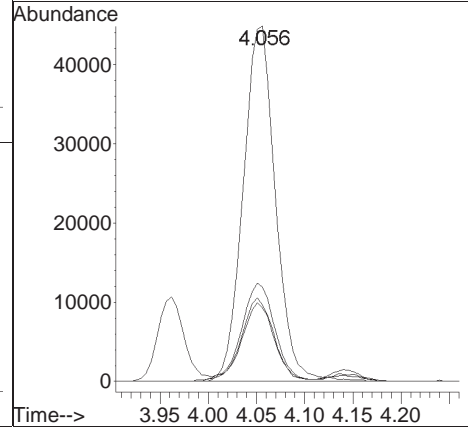
Tgt Ion	Resp	Lower	Upper
96	49047		
96	100		
61	169.9	113.8	236.4
98	63.3	41.3	85.7
63	53.0	35.8	74.4

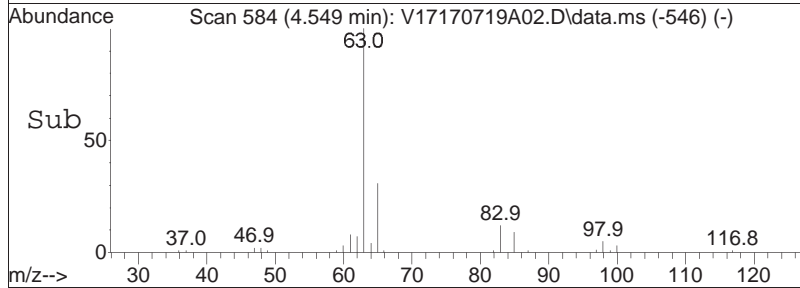
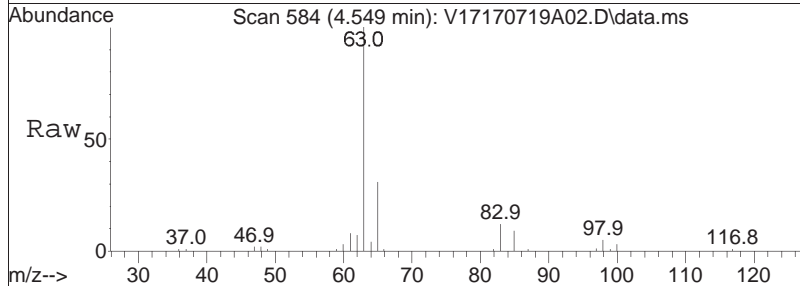
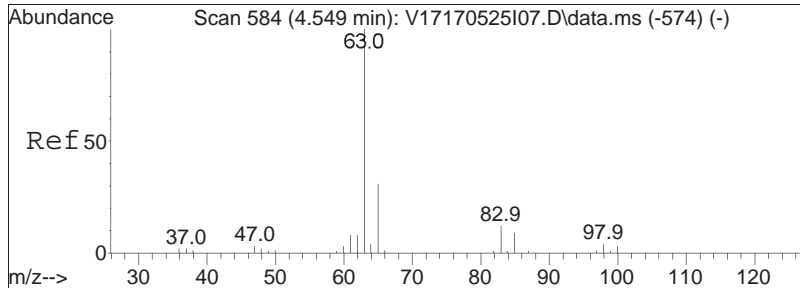




#20
 Methyl tert-butyl ether
 Concen: 18.68 ug/L
 RT: 4.056 min Scan# 490
 Delta R.T. 0.000 min
 Lab File: V17170719A02.D
 Acq: 19 Jul 2017 07:29

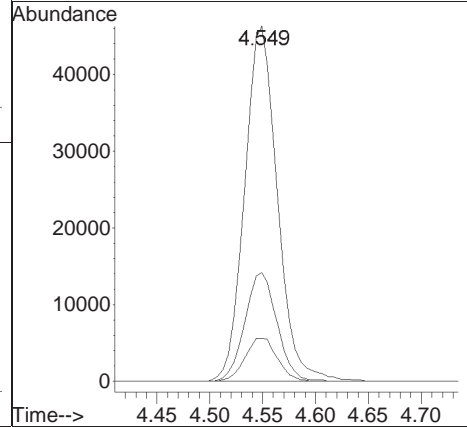
Tgt Ion	Resp	Lower	Upper
73	104675		
57	28.7	18.7	38.9
43	22.2	18.1	37.7
41	24.0	17.9	37.3

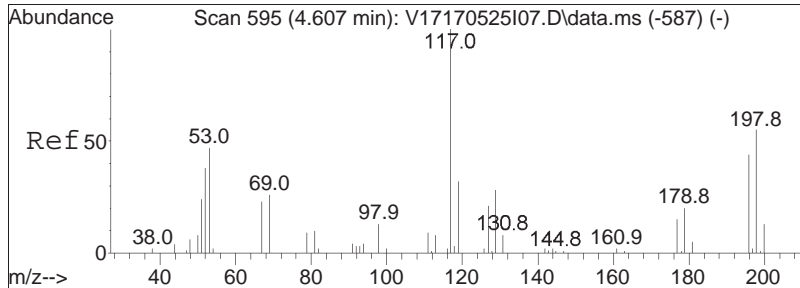




#23
 1,1-Dichloroethane
 Concen: 19.31 ug/L
 RT: 4.549 min Scan# 584
 Delta R.T. 0.000 min
 Lab File: V17170719A02.D
 Acq: 19 Jul 2017 07:29

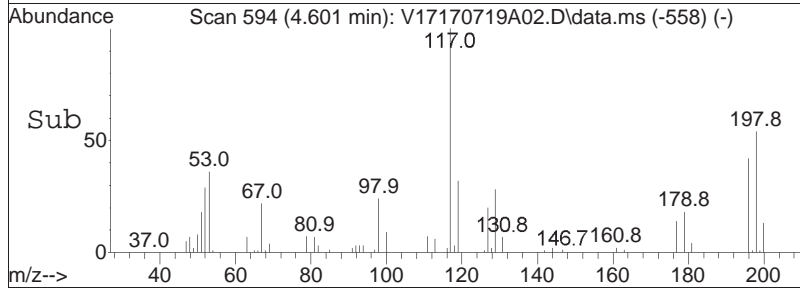
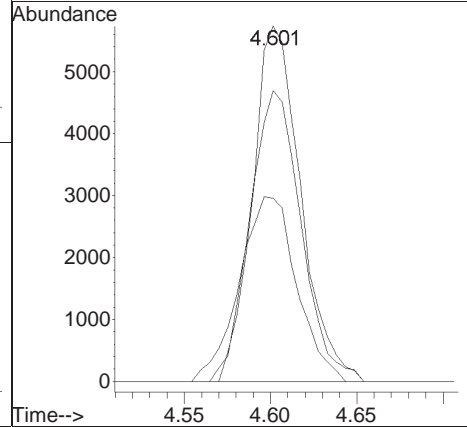
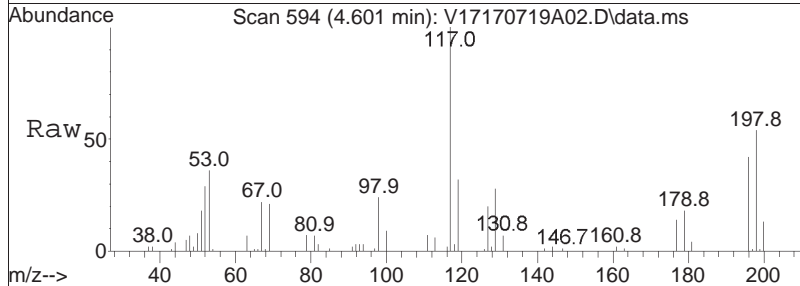
Tgt Ion:	Resp:	Lower	Upper
63	99743		
65	30.1	10.2	50.2
83	12.0	0.0	32.4

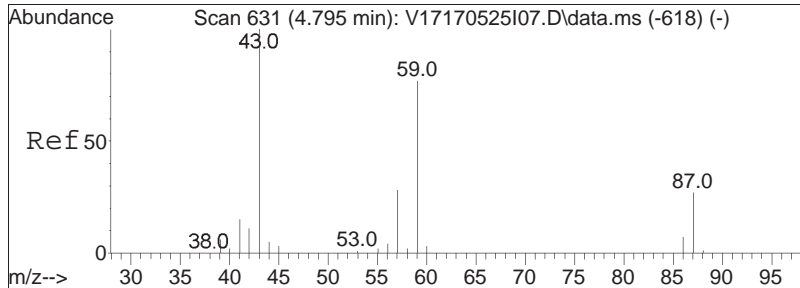




#25
 Acrylonitrile
 Concen: 19.62 ug/L
 RT: 4.601 min Scan# 594
 Delta R.T. -0.011 min
 Lab File: V17170719A02.D
 Acq: 19 Jul 2017 07:29

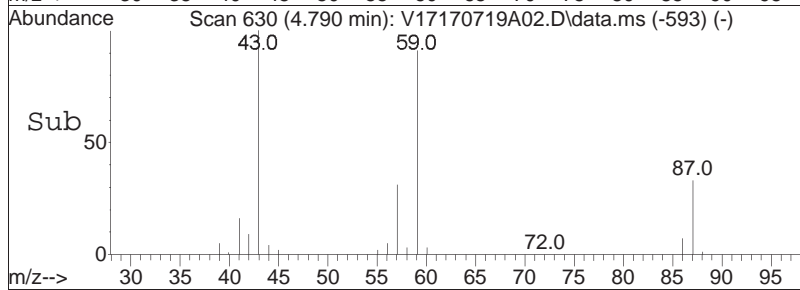
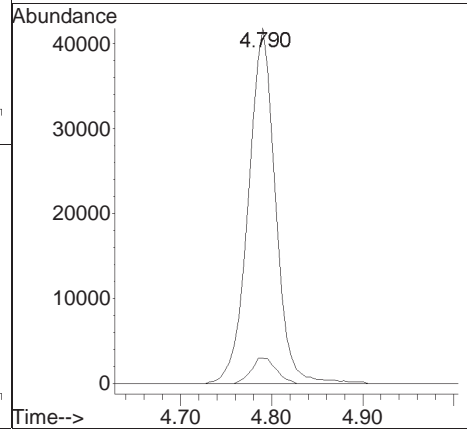
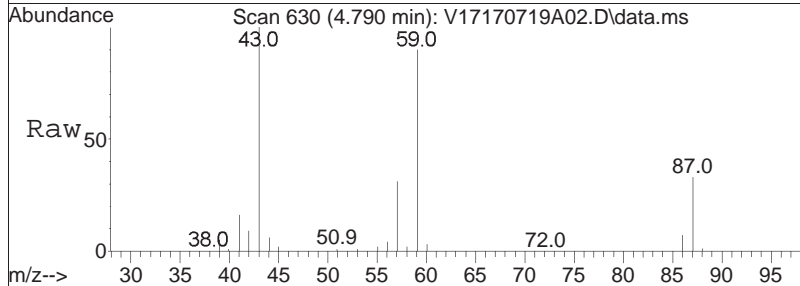
Tgt Ion:	53	Resp:	11319
Ion Ratio	Lower	Upper	
53	100		
52	84.4	68.6	103.0
51	60.7	38.2	57.4#

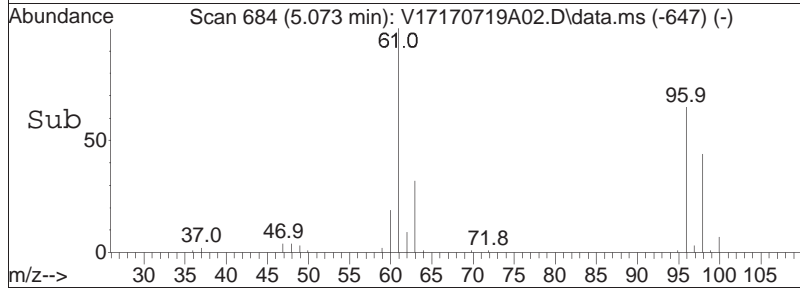
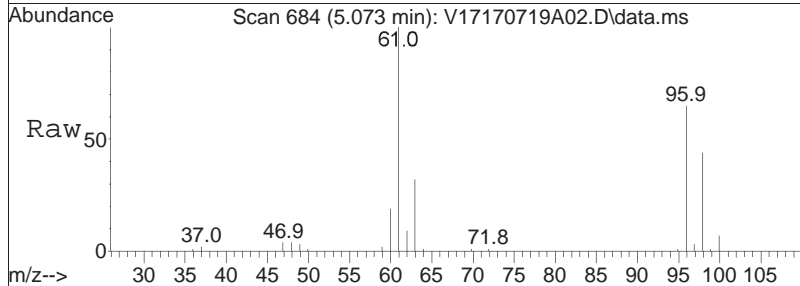
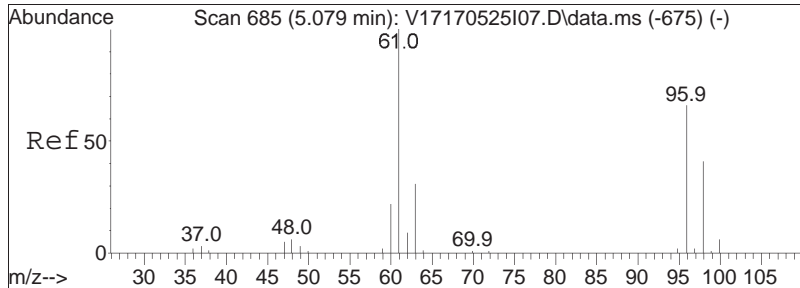




#27
 Vinyl acetate
 Concen: 18.10 ug/L
 RT: 4.790 min Scan# 630
 Delta R.T. -0.006 min
 Lab File: V17170719A02.D
 Acq: 19 Jul 2017 07:29

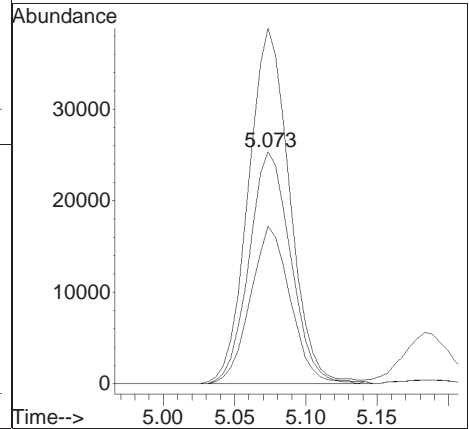
Tgt Ion:	43	Resp:	86375
Ion Ratio	Lower	Upper	
43	100		
86	6.6	4.6	6.8

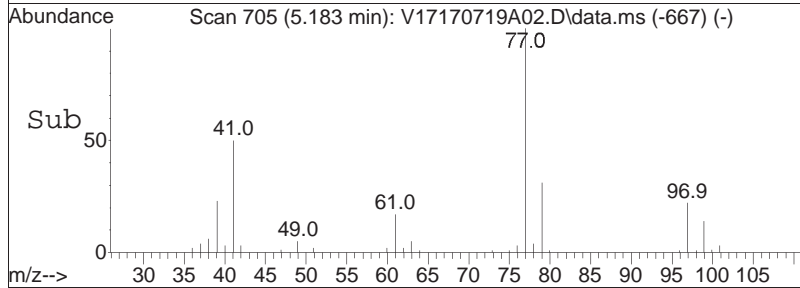
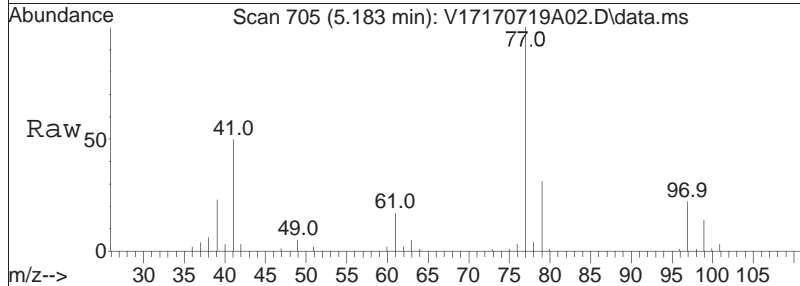
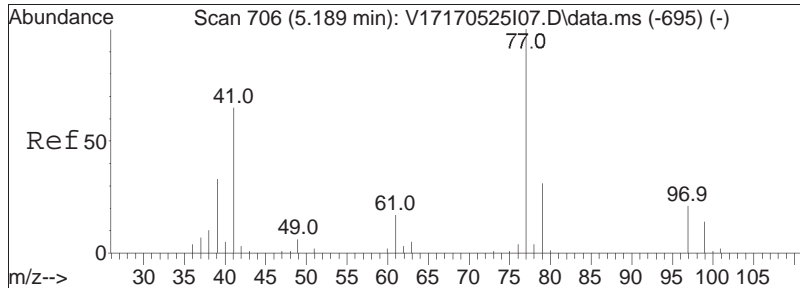




#28
 cis-1,2-Dichloroethene
 Concen: 19.38 ug/L
 RT: 5.073 min Scan# 684
 Delta R.T. -0.006 min
 Lab File: V17170719A02.D
 Acq: 19 Jul 2017 07:29

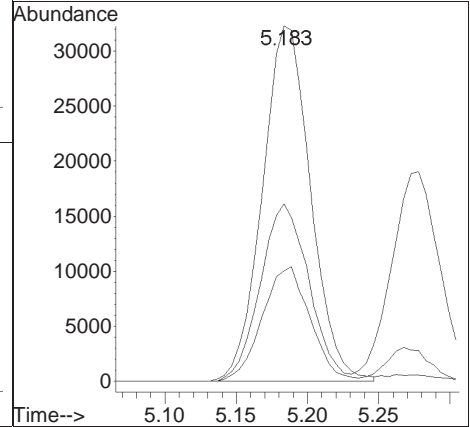
Tgt Ion:	96	Resp:	51386
Ion Ratio	Lower	Upper	
96	100		
61	151.7	119.3	178.9
98	64.8	52.0	78.0

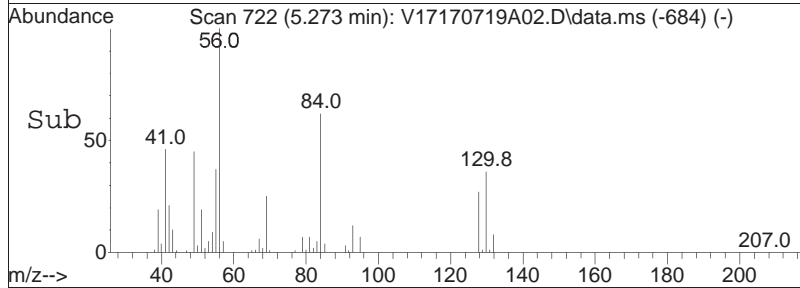
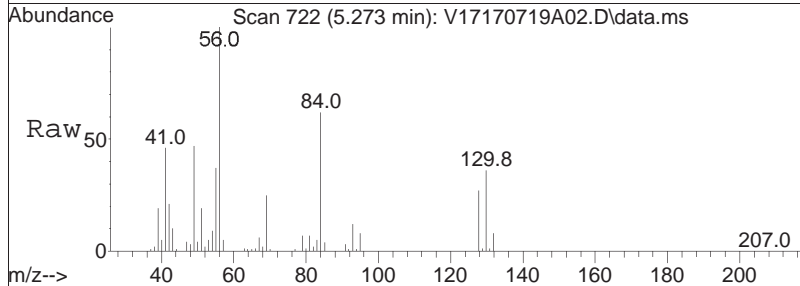
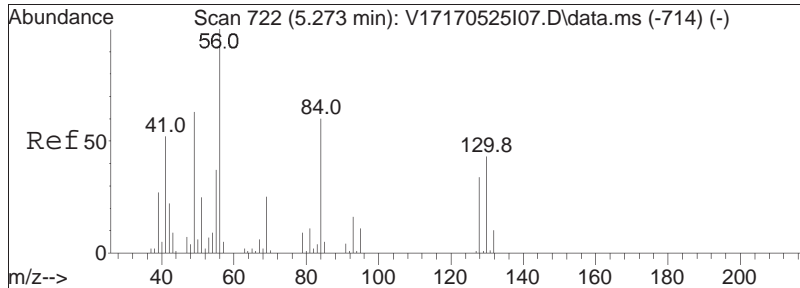




#29
 2,2-Dichloropropane
 Concen: 19.52 ug/L
 RT: 5.183 min Scan# 705
 Delta R.T. -0.001 min
 Lab File: V17170719A02.D
 Acq: 19 Jul 2017 07:29

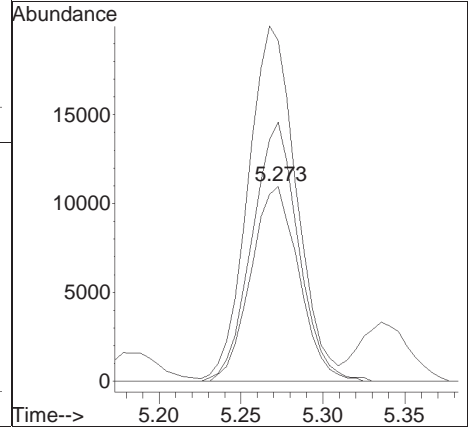
Tgt Ion	Resp	Lower	Upper
77	75910		
41	50.4	43.4	90.0
79	32.2	20.9	43.3

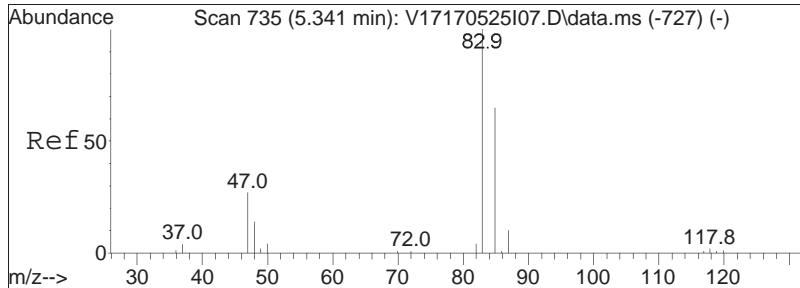




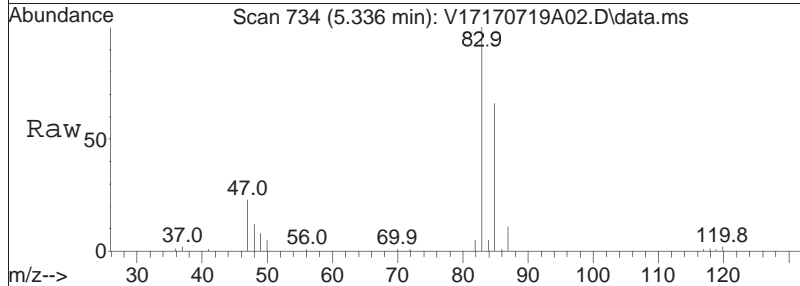
#30
 Bromochloromethane
 Concen: 19.14 ug/L
 RT: 5.273 min Scan# 722
 Delta R.T. -0.000 min
 Lab File: V17170719A02.D
 Acq: 19 Jul 2017 07:29

Tgt Ion	Ratio	Lower	Upper
128	100		
49	183.4	153.4	230.0
130	128.7	103.9	155.9

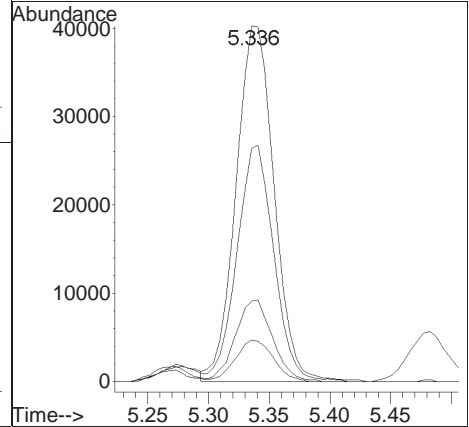
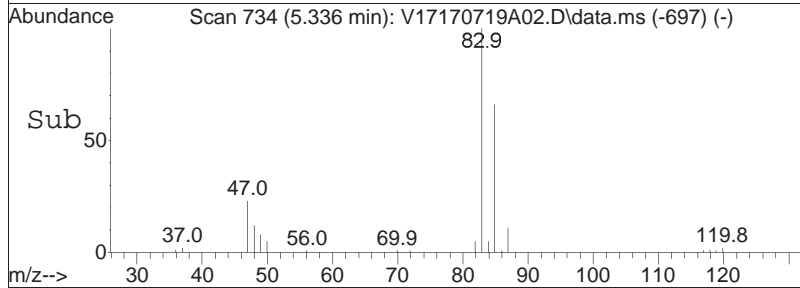


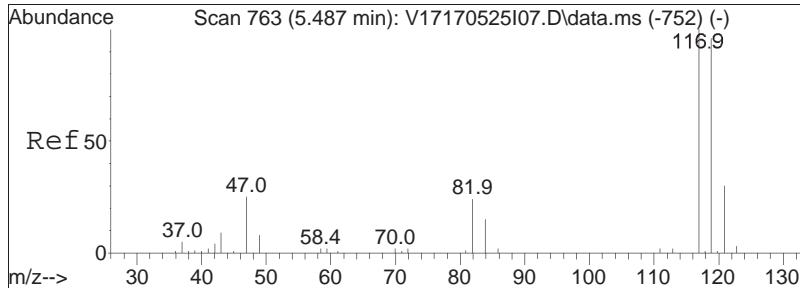


#32
 Chloroform
 Concen: 18.91 ug/L
 RT: 5.336 min Scan# 734
 Delta R.T. -0.005 min
 Lab File: V17170719A02.D
 Acq: 19 Jul 2017 07:29

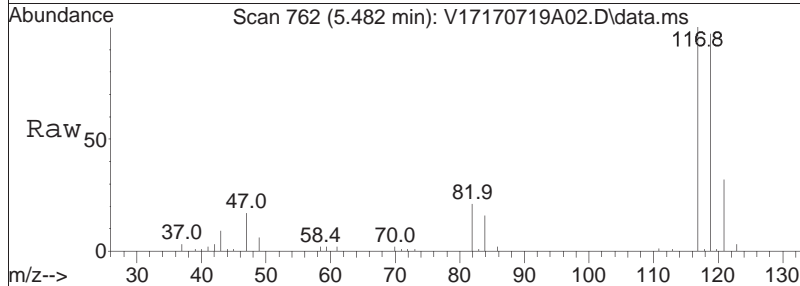


Tgt Ion	Resp	Lower	Upper
83	100		
85	64.1	41.3	85.7
47	22.3	17.9	37.3
48	11.6	9.3	19.3

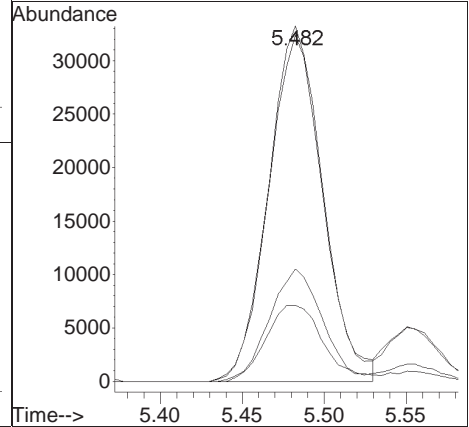
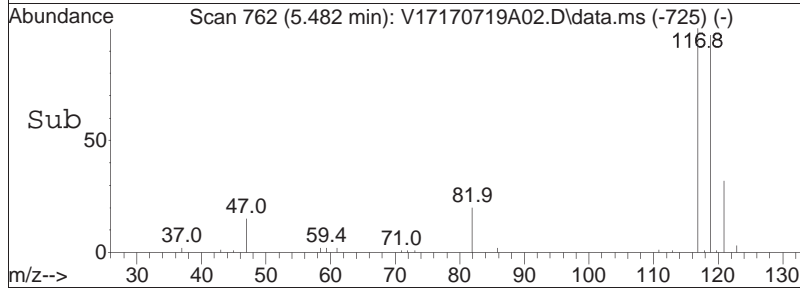


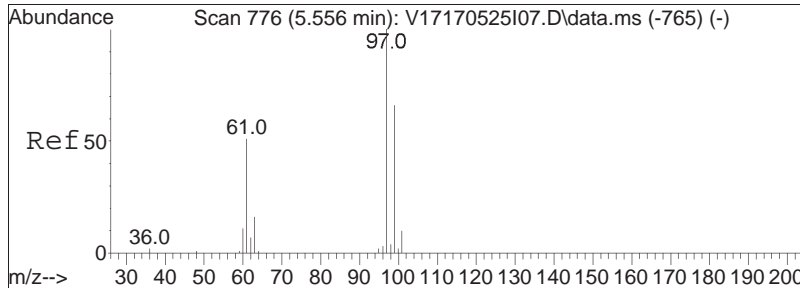


#34
 Carbon tetrachloride
 Concen: 20.49 ug/L
 RT: 5.482 min Scan# 762
 Delta R.T. -0.006 min
 Lab File: V17170719A02.D
 Acq: 19 Jul 2017 07:29



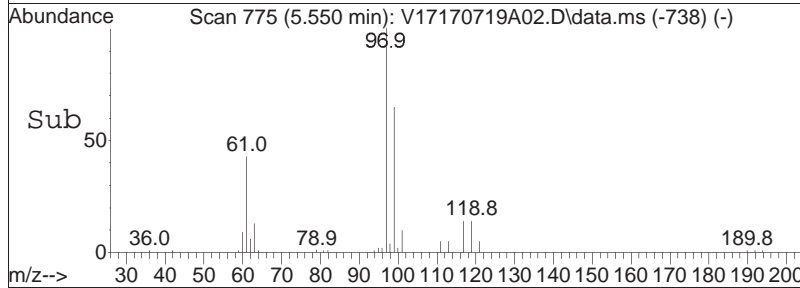
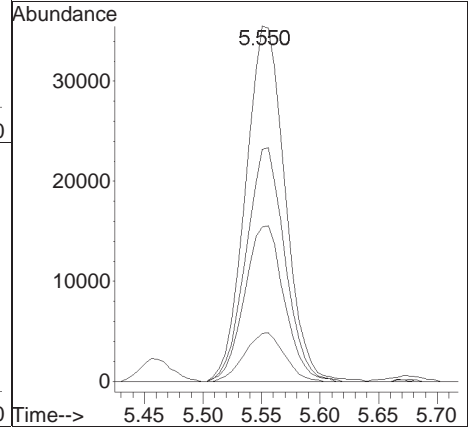
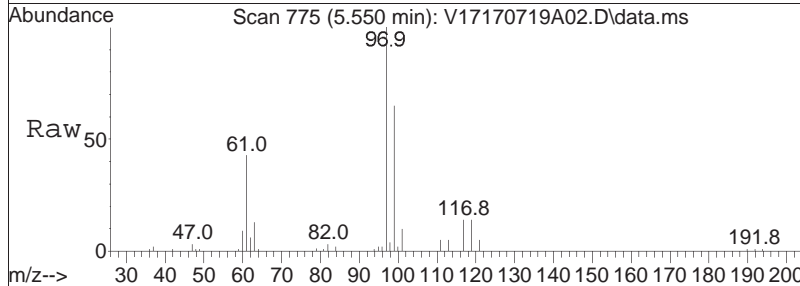
Tgt Ion	Resp	Lower	Upper
117	100		
119	96.1	63.2	131.2
121	30.9	20.8	43.2
82	22.9	15.1	31.5

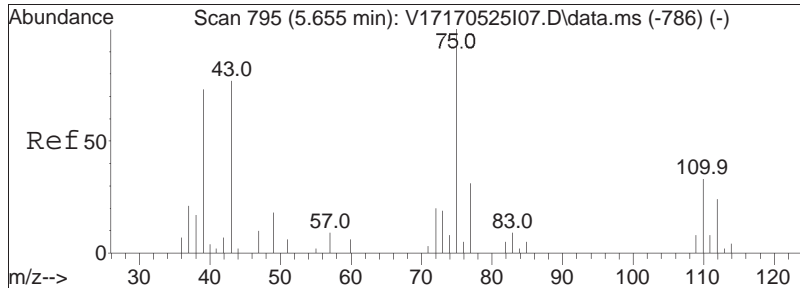




#37
 1,1,1-Trichloroethane
 Concen: 19.43 ug/L
 RT: 5.550 min Scan# 775
 Delta R.T. -0.006 min
 Lab File: V17170719A02.D
 Acq: 19 Jul 2017 07:29

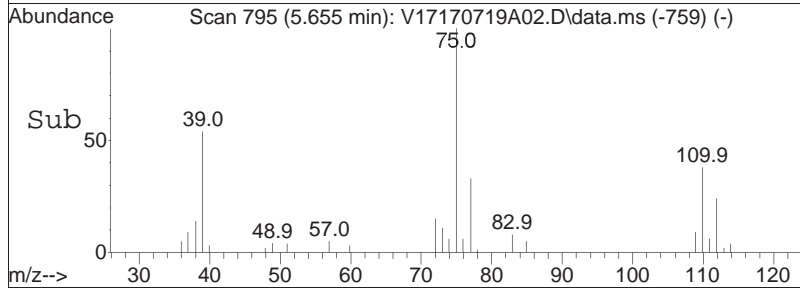
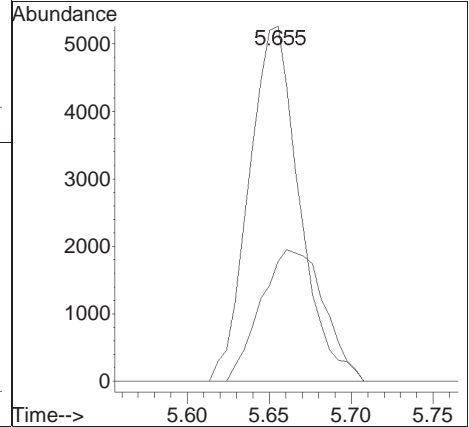
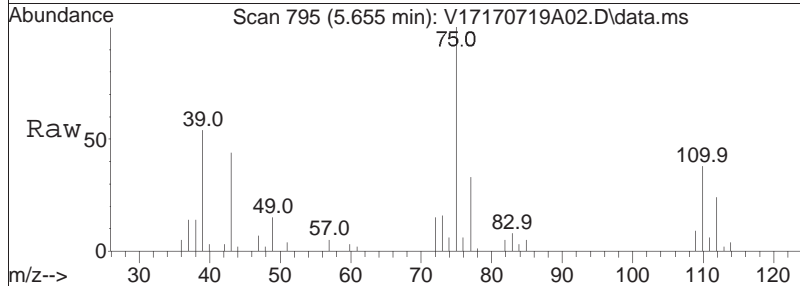
Tgt Ion:	Resp:		
Ion	Ratio	Lower	Upper
97	100		
99	64.6	42.0	87.2
61	44.2	29.7	61.7
63	13.8	9.4	19.4

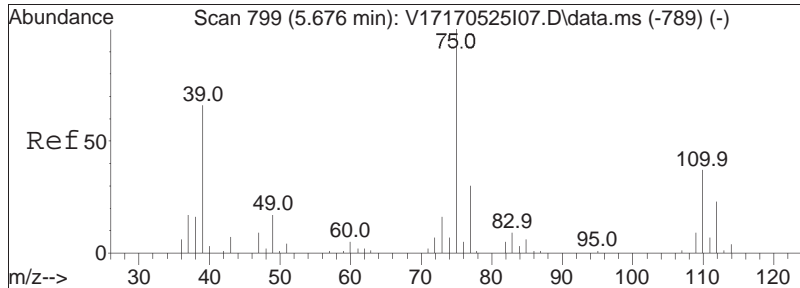




#39
 2-Butanone
 Concen: 16.85 ug/L
 RT: 5.655 min Scan# 795
 Delta R.T. -0.011 min
 Lab File: V17170719A02.D
 Acq: 19 Jul 2017 07:29

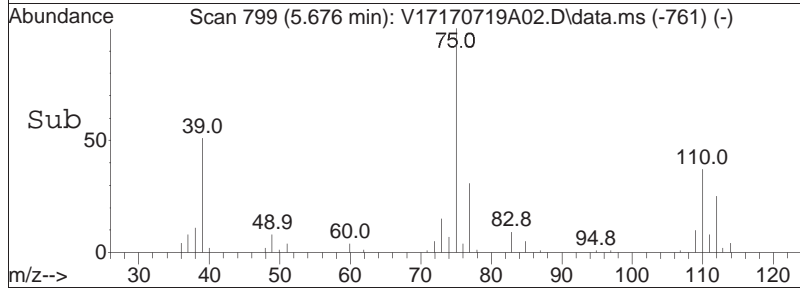
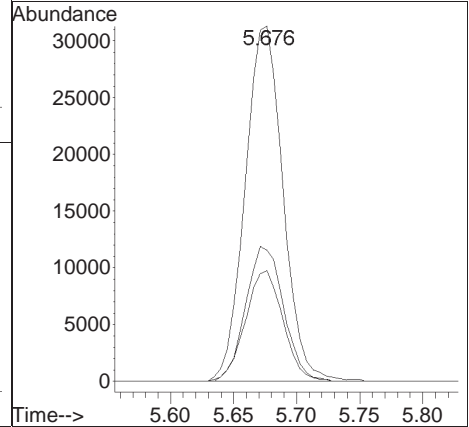
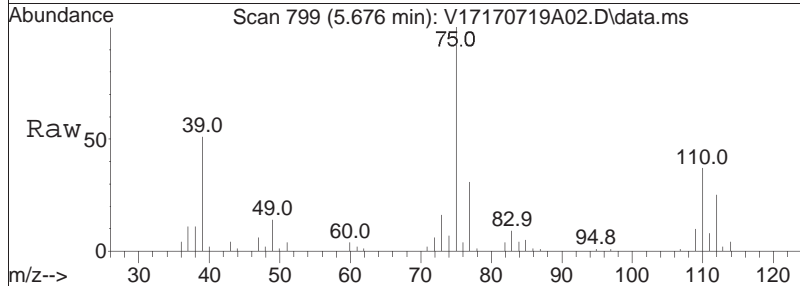
Tgt Ion:	43	Resp:	11234
Ion Ratio	Lower	Upper	
43	100		
72	46.6	20.4	30.6#

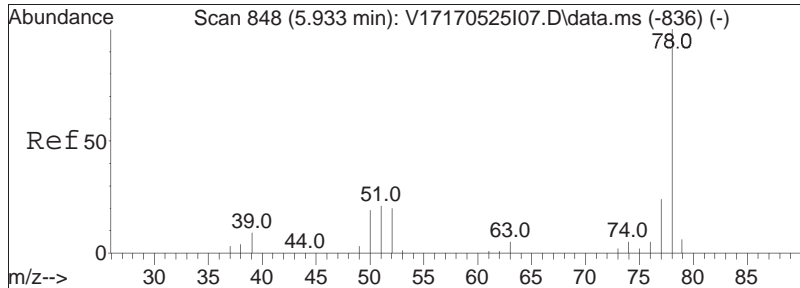




#40
 1,1-Dichloropropene
 Concen: 19.28 ug/L
 RT: 5.676 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: V17170719A02.D
 Acq: 19 Jul 2017 07:29

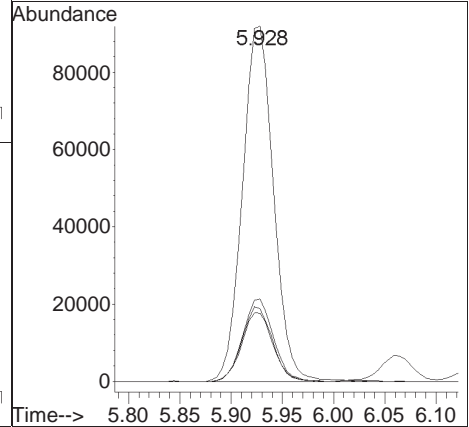
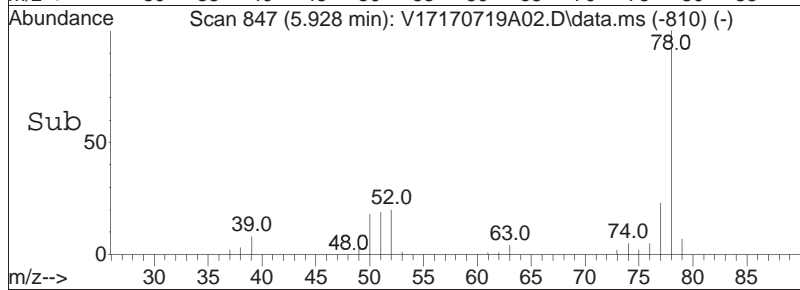
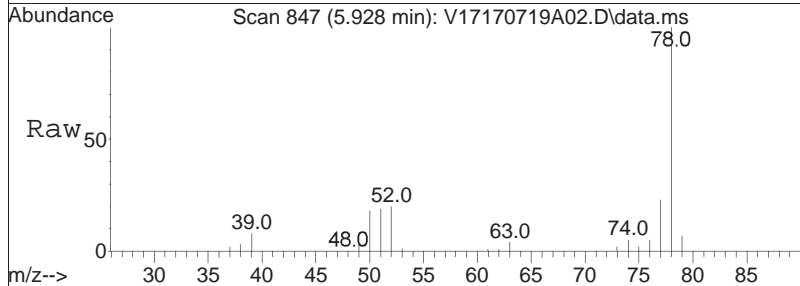
Tgt Ion	Resp	Lower	Upper
75	100		
110	38.0	25.9	53.7
77	31.0	20.3	42.3

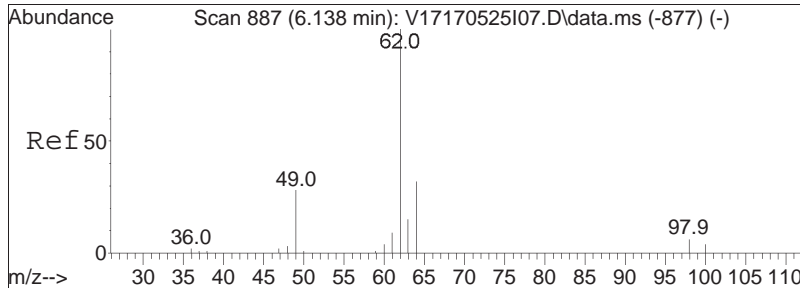




#41
Benzene
Concen: 19.03 ug/L
RT: 5.928 min Scan# 847
Delta R.T. -0.005 min
Lab File: V17170719A02.D
Acq: 19 Jul 2017 07:29

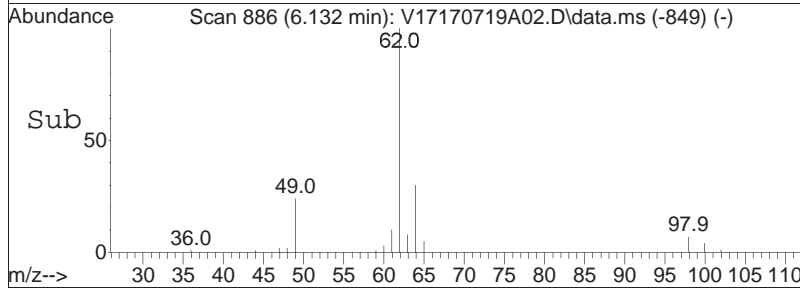
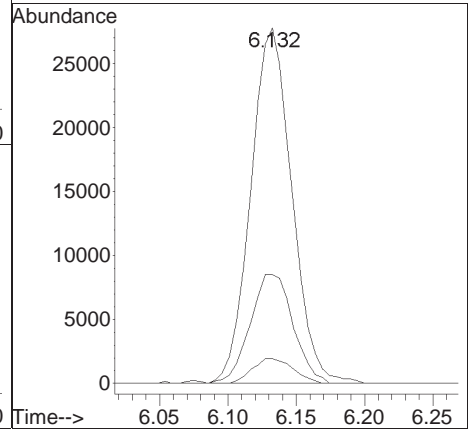
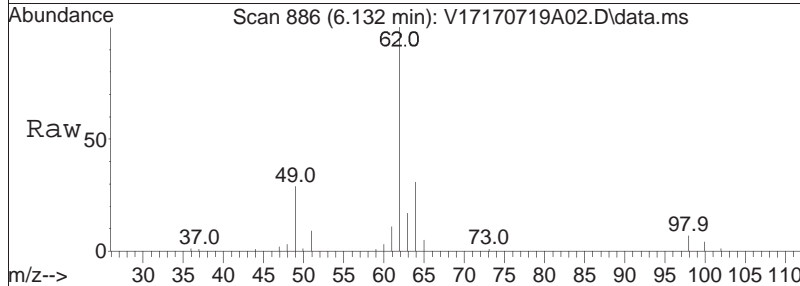
Tgt Ion	Resp	Lower	Upper
78	194051		
77	23.0	15.0	31.1
51	19.3	14.0	29.2
52	20.6	14.3	29.7

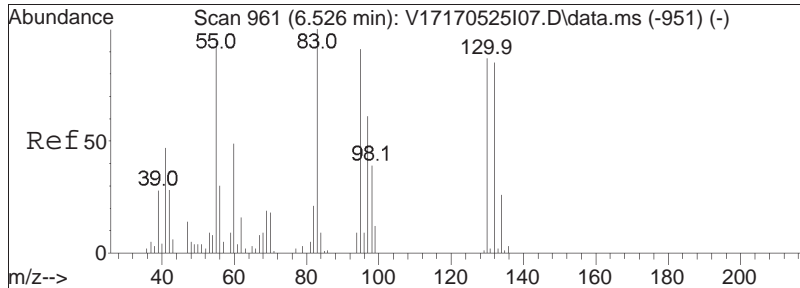




#44
 1,2-Dichloroethane
 Concen: 16.91 ug/L
 RT: 6.132 min Scan# 886
 Delta R.T. -0.006 min
 Lab File: V17170719A02.D
 Acq: 19 Jul 2017 07:29

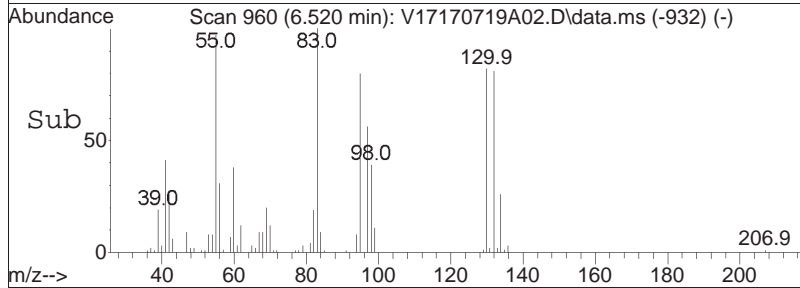
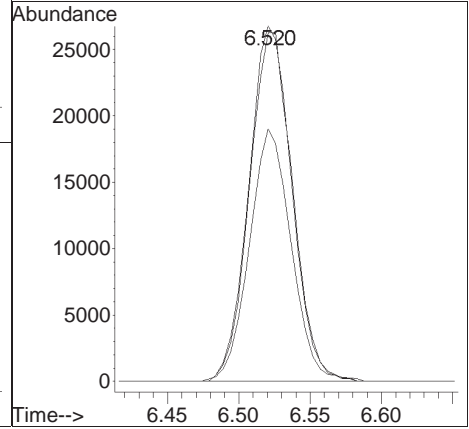
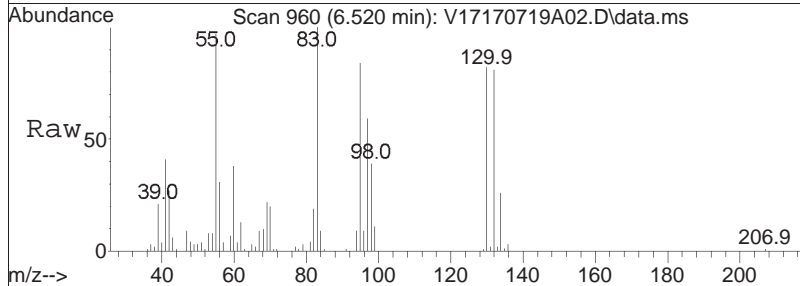
Tgt Ion:	Resp:	Lower	Upper
62	100		
64	32.0	11.8	51.8
98	7.0	0.0	27.1

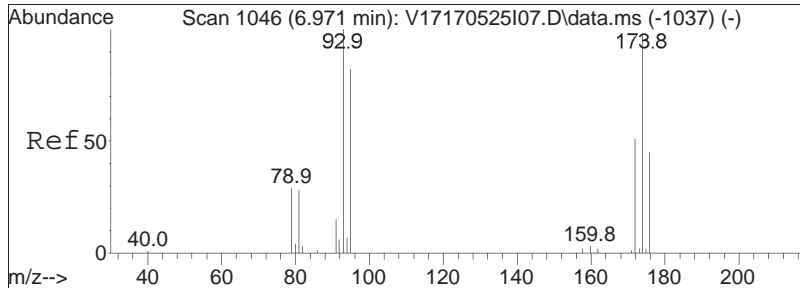




#48
 Trichloroethene
 Concen: 18.99 ug/L
 RT: 6.520 min Scan# 960
 Delta R.T. -0.006 min
 Lab File: V17170719A02.D
 Acq: 19 Jul 2017 07:29

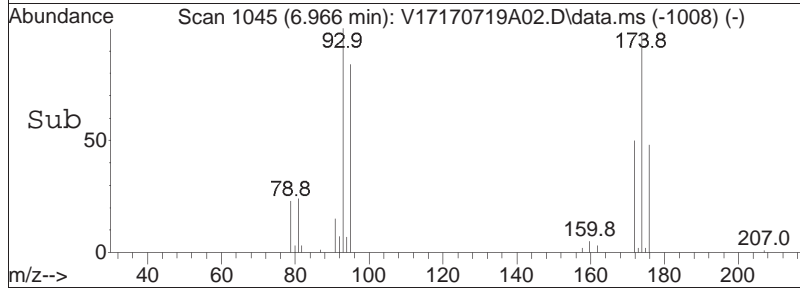
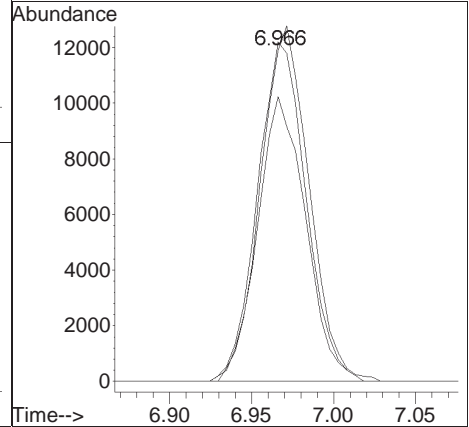
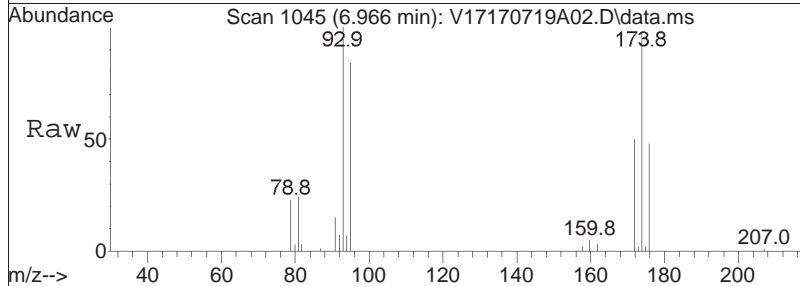
Tgt Ion	Resp	Lower	Upper
95	56156		
95	100		
97	68.9	53.8	80.8
130	98.5	81.5	122.3

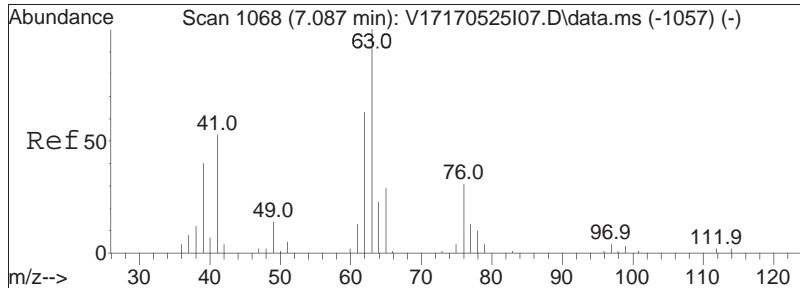




#50
 Dibromomethane
 Concen: 18.22 ug/L
 RT: 6.966 min Scan# 1045
 Delta R.T. -0.005 min
 Lab File: V17170719A02.D
 Acq: 19 Jul 2017 07:29

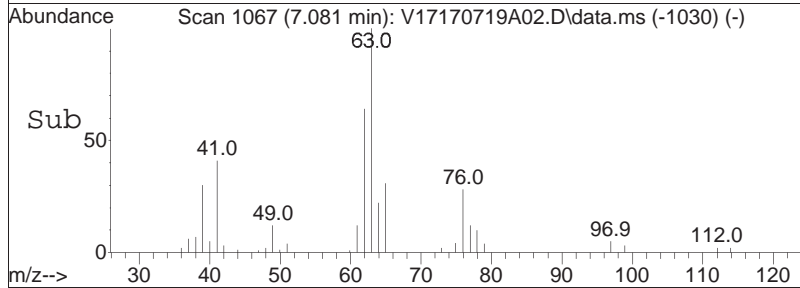
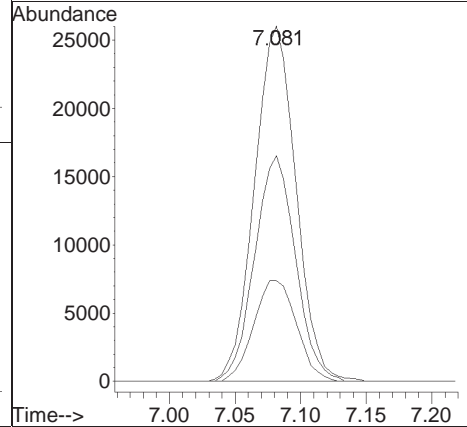
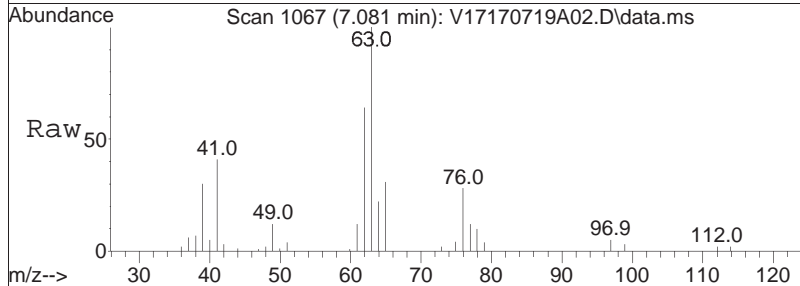
Tgt Ion	Resp	Lower	Upper
93	25131		
93	100		
95	83.5	67.5	101.3
174	104.7	89.9	134.9

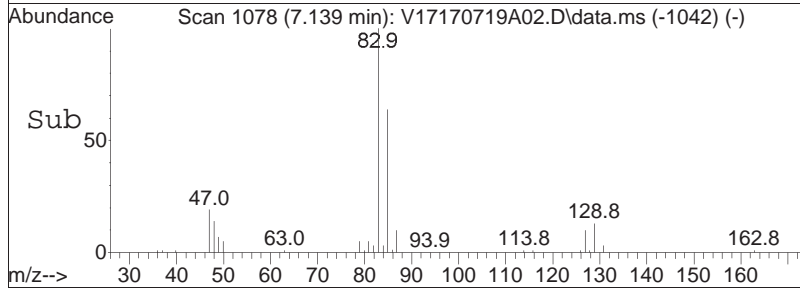
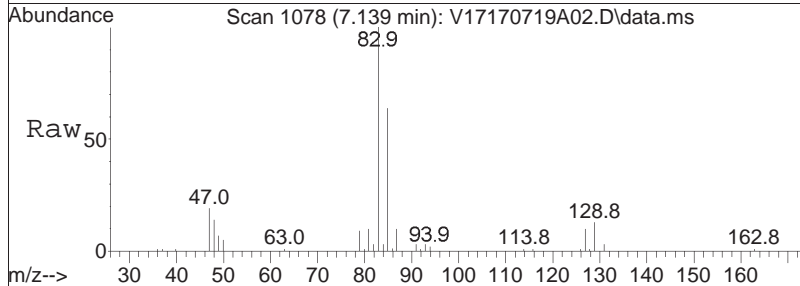
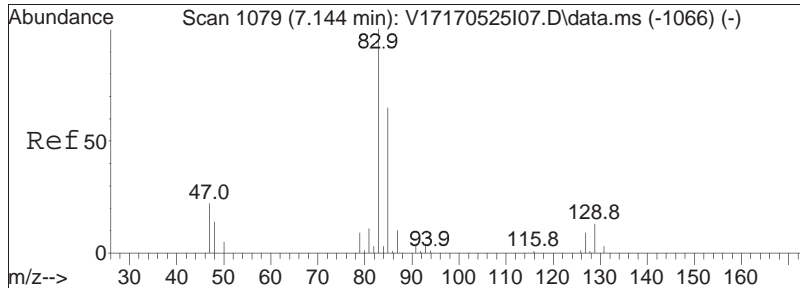




#51
 1,2-Dichloropropane
 Concen: 19.22 ug/L
 RT: 7.081 min Scan# 1067
 Delta R.T. -0.006 min
 Lab File: V17170719A02.D
 Acq: 19 Jul 2017 07:29

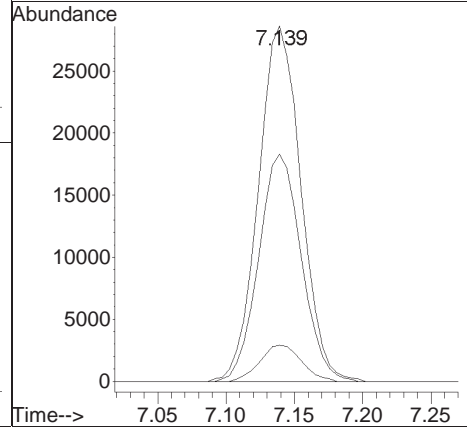
Tgt Ion:	Resp:		
Ion	Ratio	Lower	Upper
63	100		
62	62.6	50.6	76.0
76	29.3	23.4	35.0

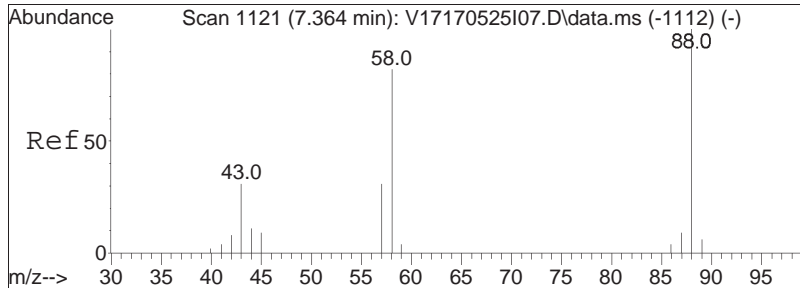




#54
 Bromodichloromethane
 Concen: 18.25 ug/L
 RT: 7.139 min Scan# 1078
 Delta R.T. -0.011 min
 Lab File: V17170719A02.D
 Acq: 19 Jul 2017 07:29

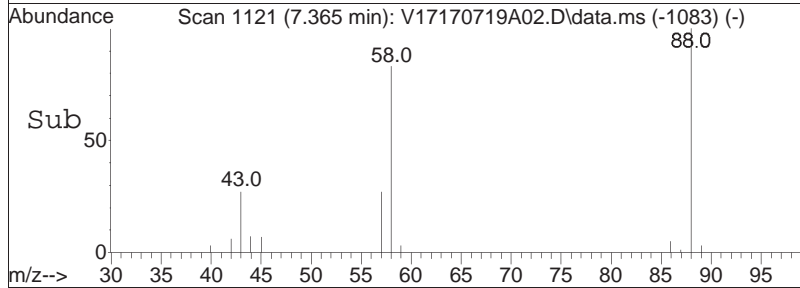
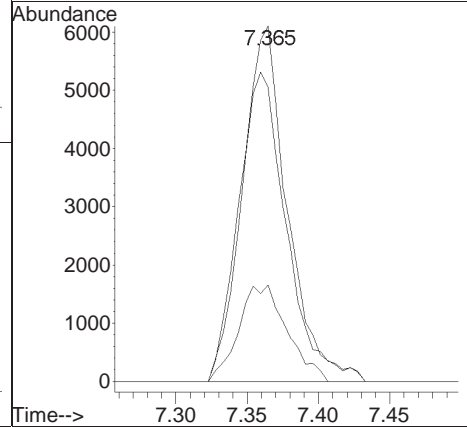
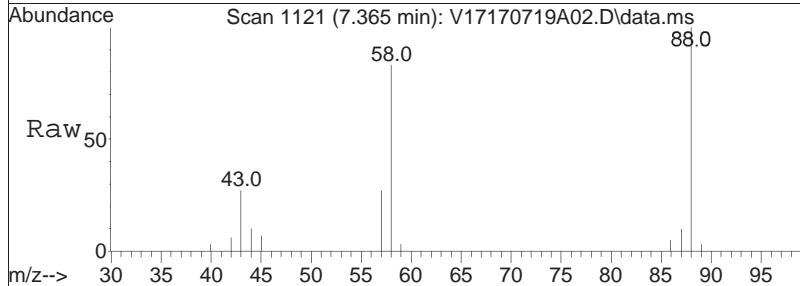
Tgt Ion:	83	Resp:	61950
Ion Ratio	Lower	Upper	
83	100		
85	64.2	51.0	76.4
127	10.0	8.1	12.1

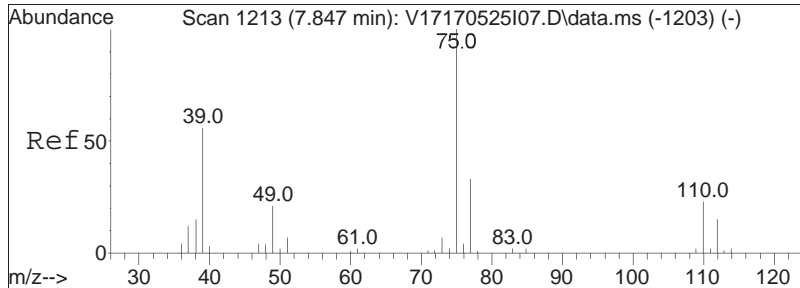




#57
 1,4-Dioxane
 Concen: 875.26 ug/L
 RT: 7.365 min Scan# 1121
 Delta R.T. -0.000 min
 Lab File: V17170719A02.D
 Acq: 19 Jul 2017 07:29

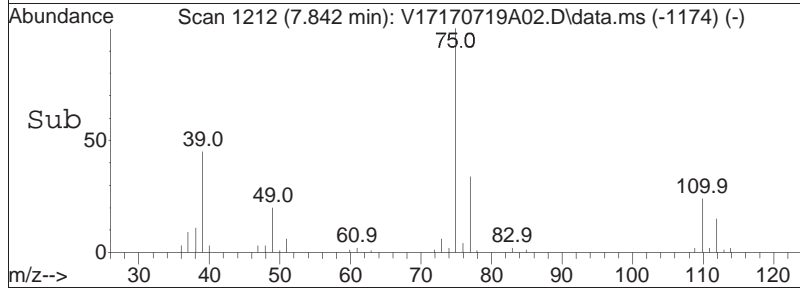
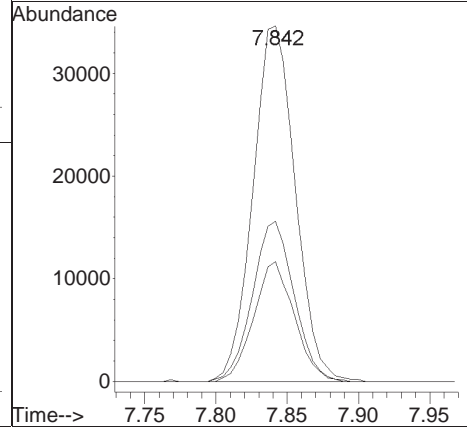
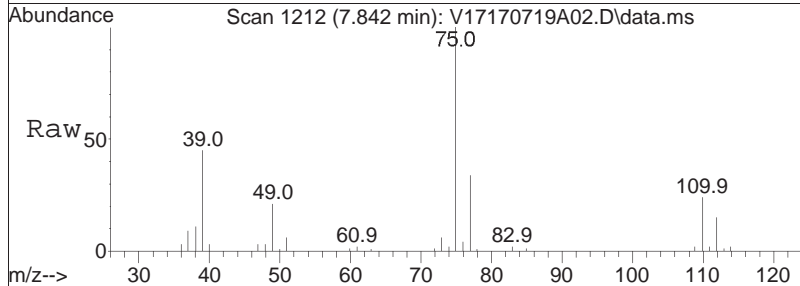
Tgt Ion	Resp	Lower	Upper
88	13671		
88	100		
58	88.3	66.0	99.0
43	28.6	28.0	42.0

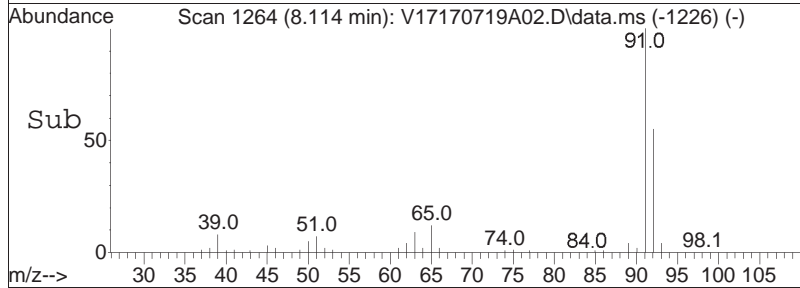
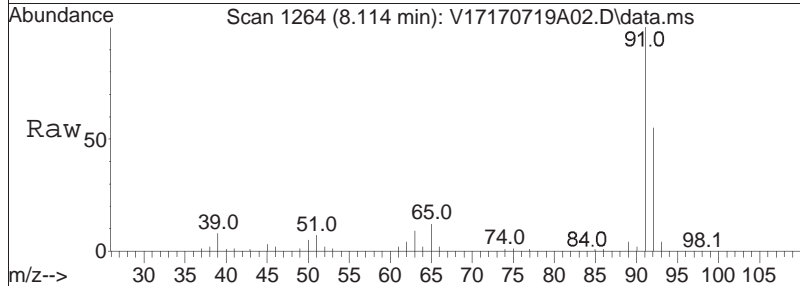
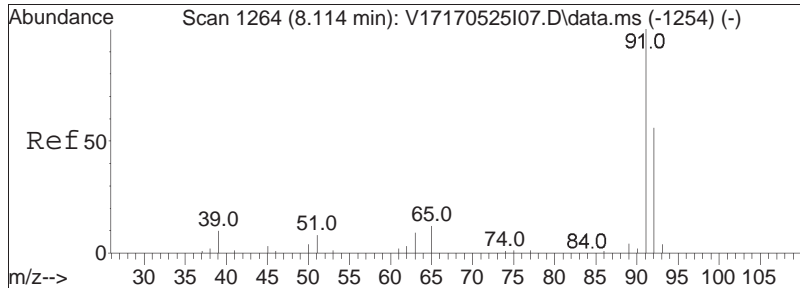




#58
 cis-1,3-Dichloropropene
 Concen: 18.62 ug/L
 RT: 7.842 min Scan# 1212
 Delta R.T. -0.000 min
 Lab File: V17170719A02.D
 Acq: 19 Jul 2017 07:29

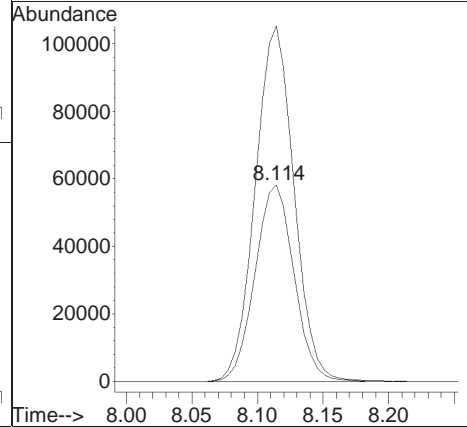
Tgt Ion:	75	Resp:	71404
Ion Ratio	100	Lower	Upper
77	32.4	25.3	37.9
39	44.2	47.8	71.8#

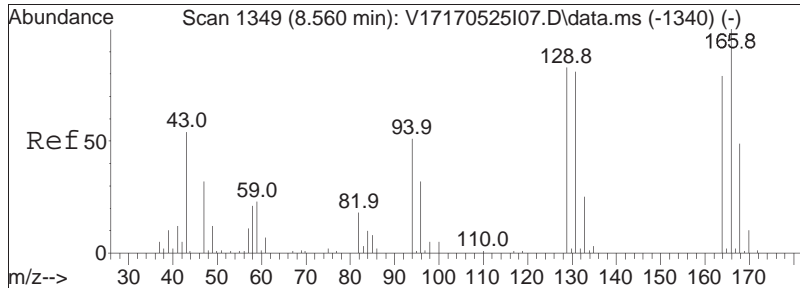




#61
 Toluene
 Concen: 20.10 ug/L
 RT: 8.114 min Scan# 1264
 Delta R.T. 0.000 min
 Lab File: V17170719A02.D
 Acq: 19 Jul 2017 07:29

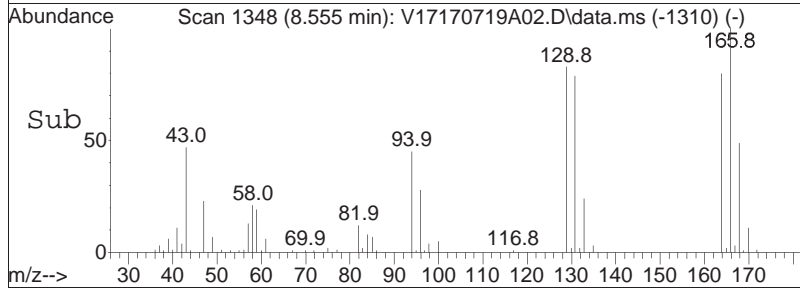
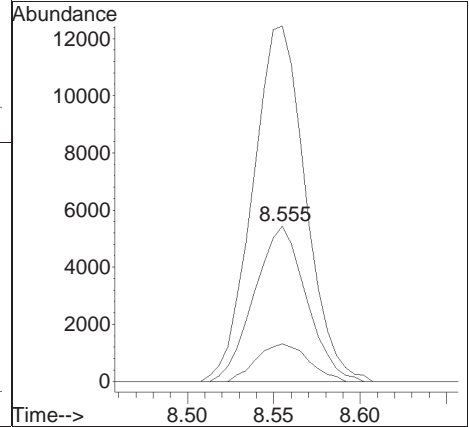
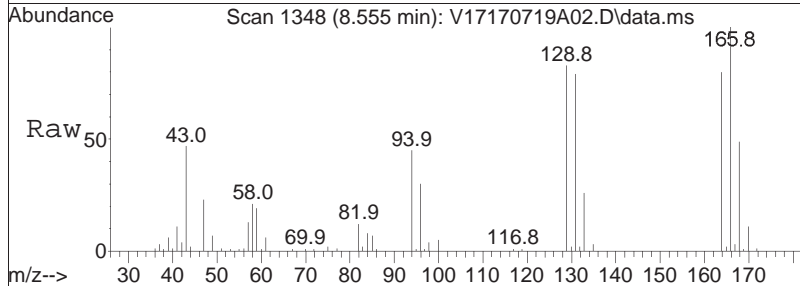
Tgt Ion:	Resp:	Lower	Upper
92	120037		
91	179.8	142.4	213.6

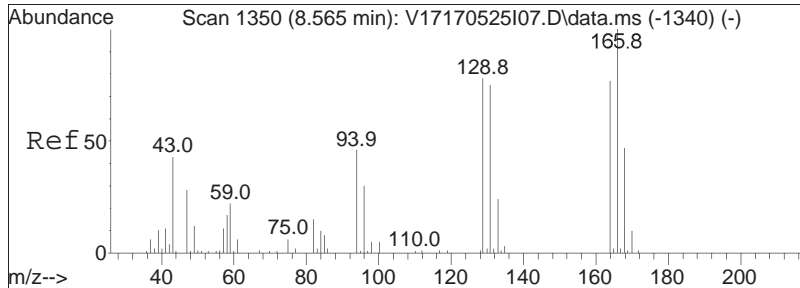




#62
 4-Methyl-2-pentanone
 Concen: 19.14 ug/L
 RT: 8.555 min Scan# 1348
 Delta R.T. -0.000 min
 Lab File: V17170719A02.D
 Acq: 19 Jul 2017 07:29

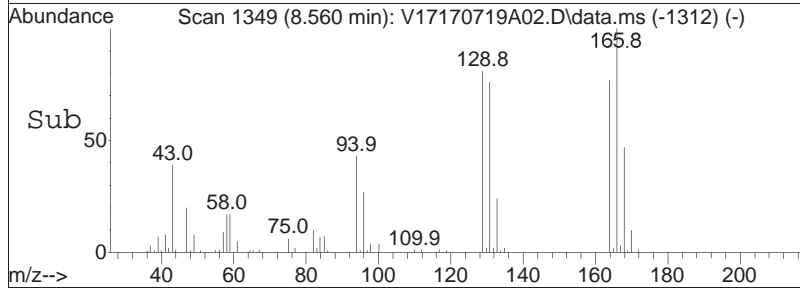
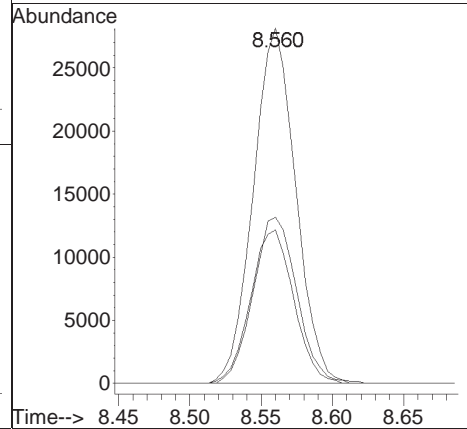
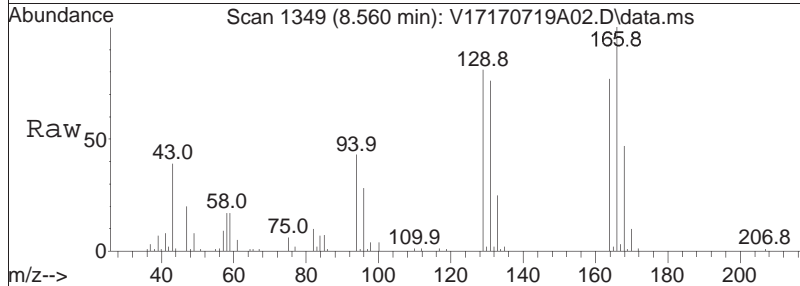
Tgt Ion:	Resp:		
Ion Ratio	Lower	Upper	
58	100		
100	24.2	20.5	30.7
43	231.9	224.2	336.2

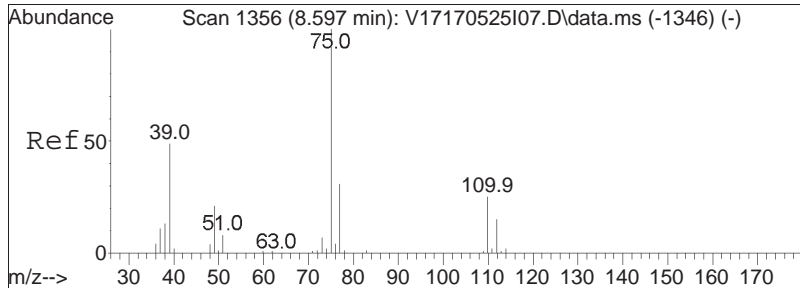




#63
 Tetrachloroethene
 Concen: 20.96 ug/L
 RT: 8.560 min Scan# 1349
 Delta R.T. -0.005 min
 Lab File: V17170719A02.D
 Acq: 19 Jul 2017 07:29

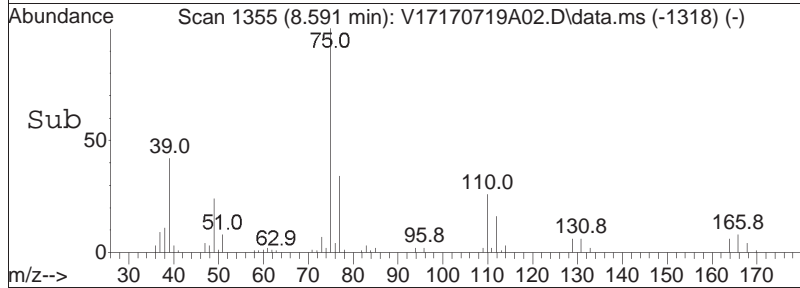
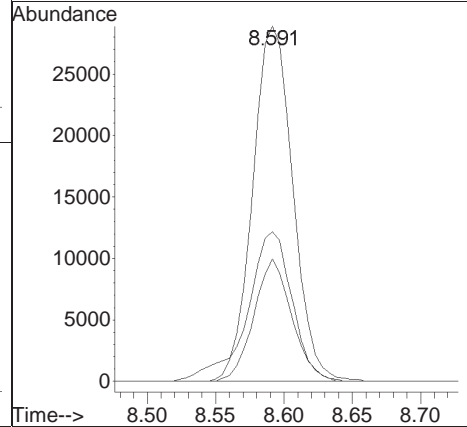
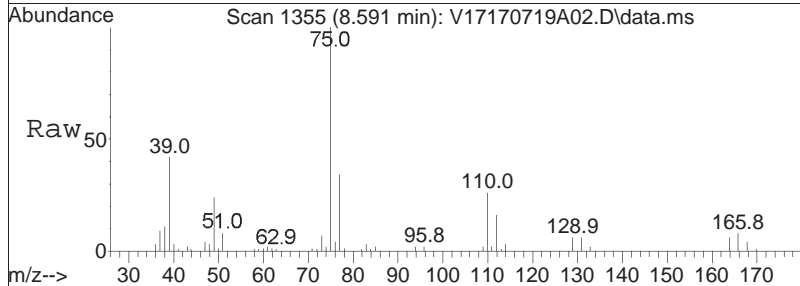
Tgt Ion	Ratio	Lower	Upper
166	100		
168	47.8	27.9	67.9
94	43.9	20.4	60.4

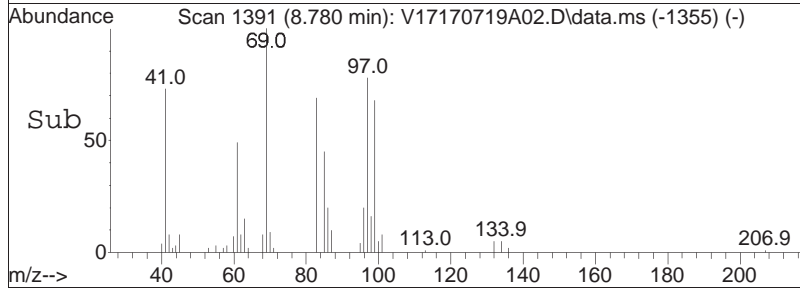
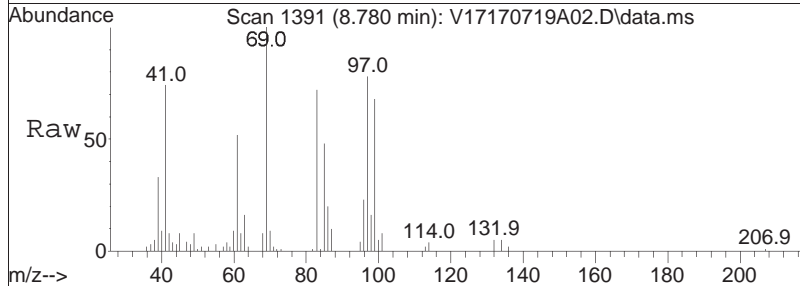
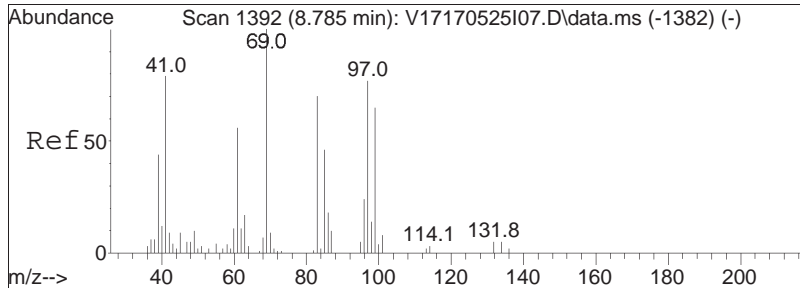




#65
 trans-1,3-Dichloropropene
 Concen: 19.23 ug/L
 RT: 8.591 min Scan# 1355
 Delta R.T. -0.006 min
 Lab File: V17170719A02.D
 Acq: 19 Jul 2017 07:29

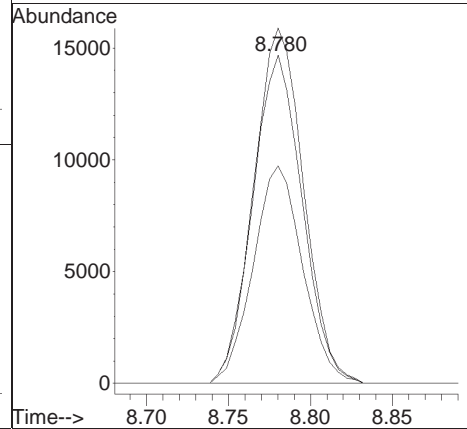
Tgt Ion	Resp	Lower	Upper
75	59224		
77	32.6	11.6	51.6
39	46.8	50.0	90.0#

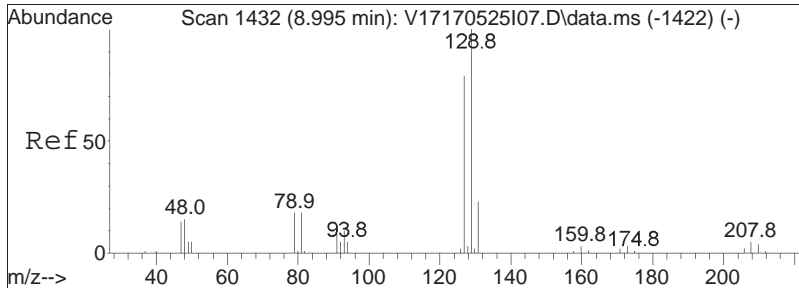




#68
 1,1,2-Trichloroethane
 Concen: 19.36 ug/L
 RT: 8.780 min Scan# 1391
 Delta R.T. -0.011 min
 Lab File: V17170719A02.D
 Acq: 19 Jul 2017 07:29

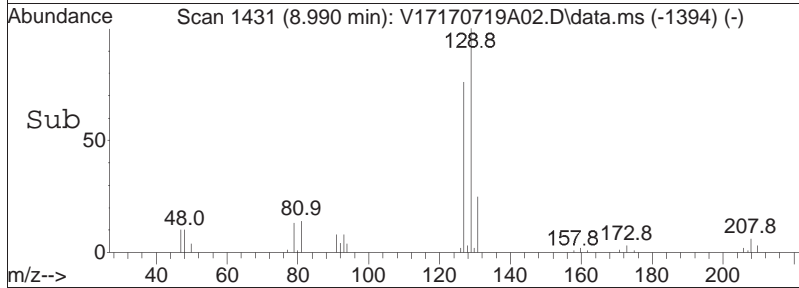
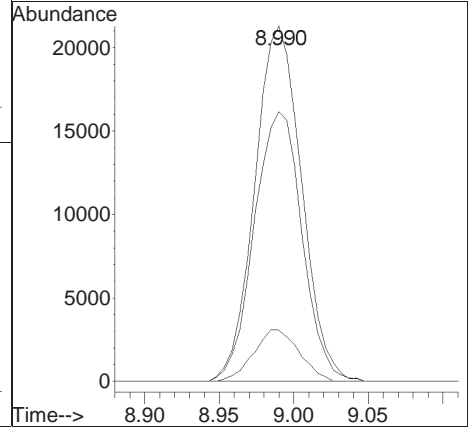
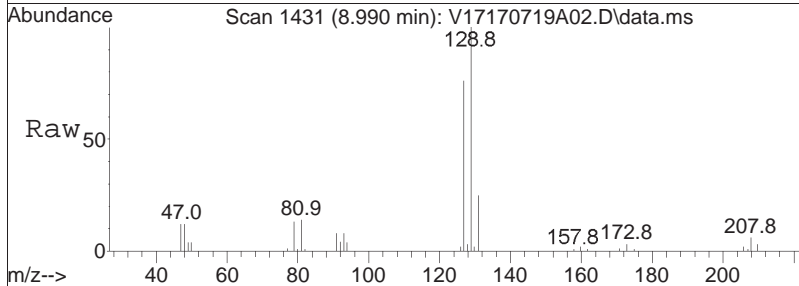
Tgt Ion	Resp	Lower	Upper
83	30783		
83	100		
97	109.7	91.5	131.5
85	66.5	47.5	87.5

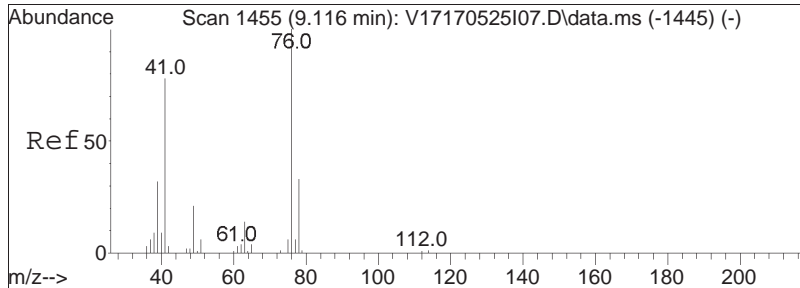




#69
 Chlorodibromomethane
 Concen: 19.82 ug/L
 RT: 8.990 min Scan# 1431
 Delta R.T. -0.005 min
 Lab File: V17170719A02.D
 Acq: 19 Jul 2017 07:29

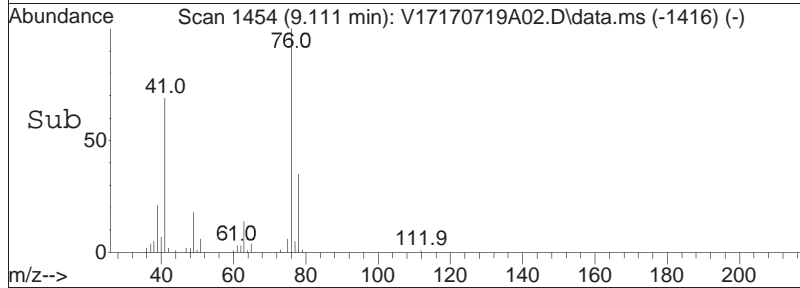
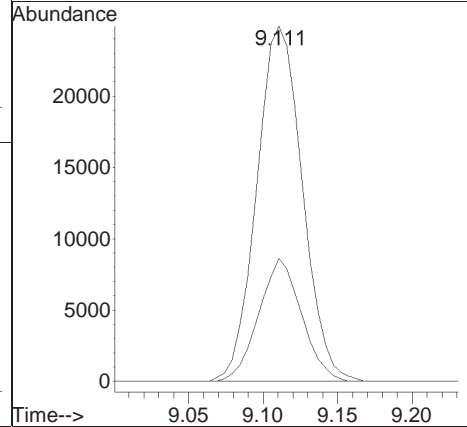
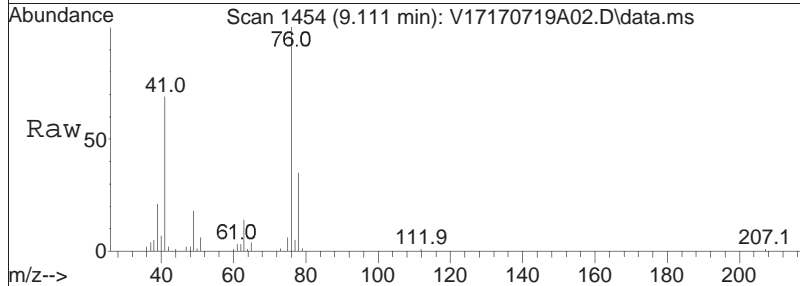
Tgt Ion	Resp	Lower	Upper
129	46521		
129	100		
81	14.2	0.0	34.2
127	77.6	55.9	95.9

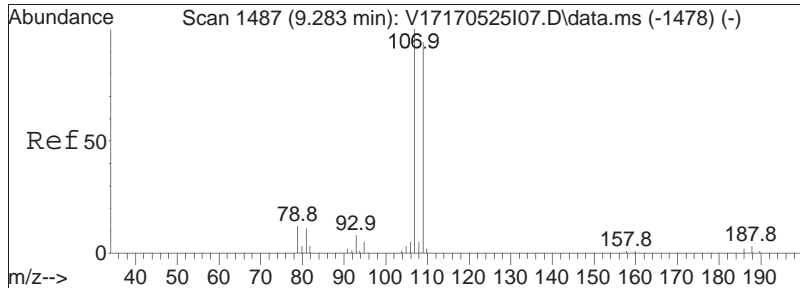




#70
 1,3-Dichloropropane
 Concen: 19.12 ug/L
 RT: 9.111 min Scan# 1454
 Delta R.T. -0.000 min
 Lab File: V17170719A02.D
 Acq: 19 Jul 2017 07:29

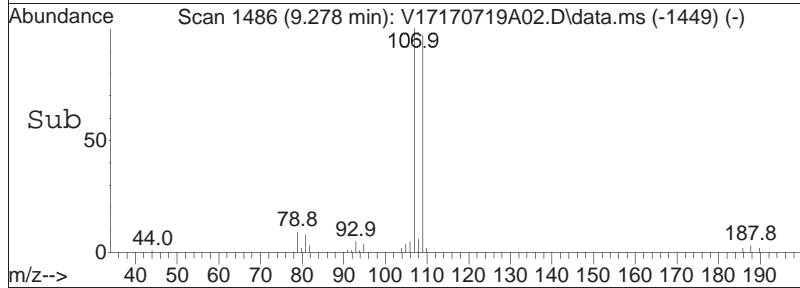
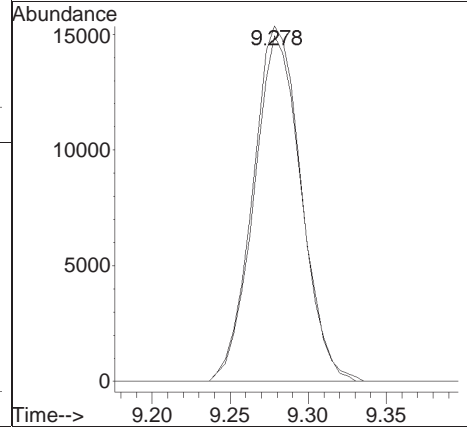
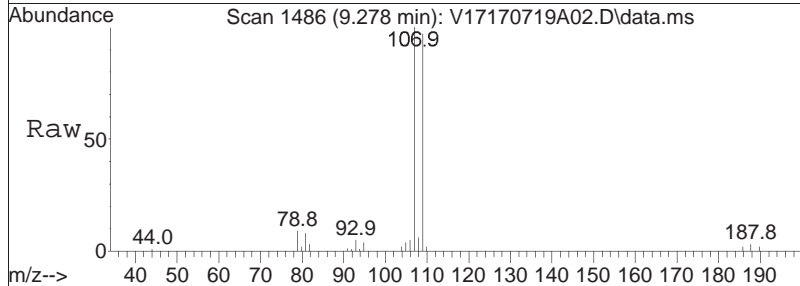
Tgt Ion:	76	Resp:	53022
Ion Ratio	Lower	Upper	
76	100		
78	32.4	26.0	39.0

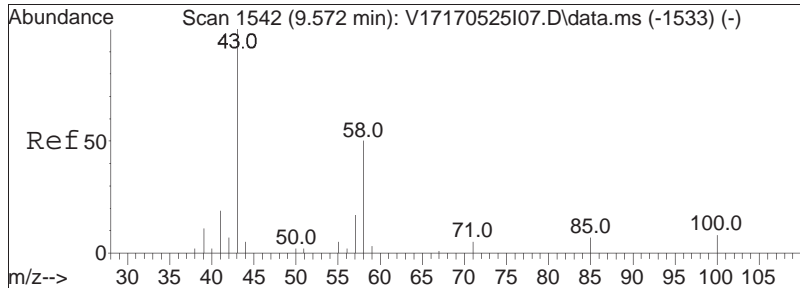




#71
 1,2-Dibromoethane
 Concen: 19.36 ug/L
 RT: 9.278 min Scan# 1486
 Delta R.T. -0.006 min
 Lab File: V17170719A02.D
 Acq: 19 Jul 2017 07:29

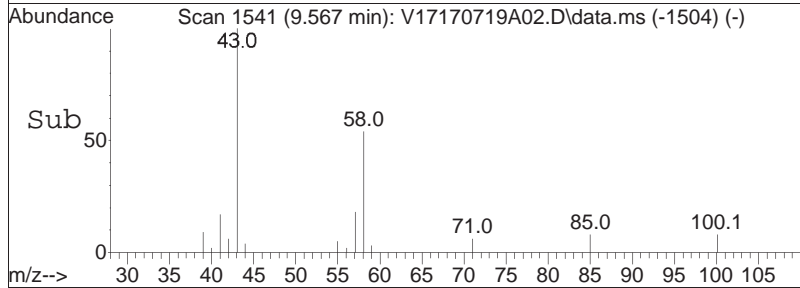
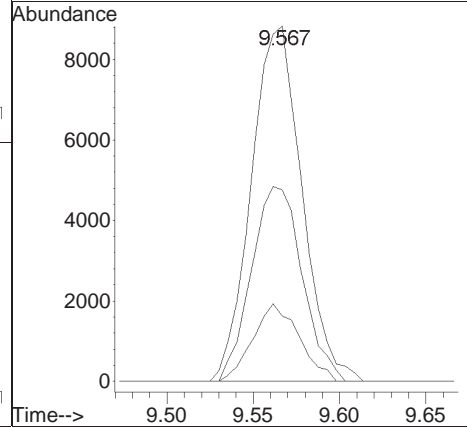
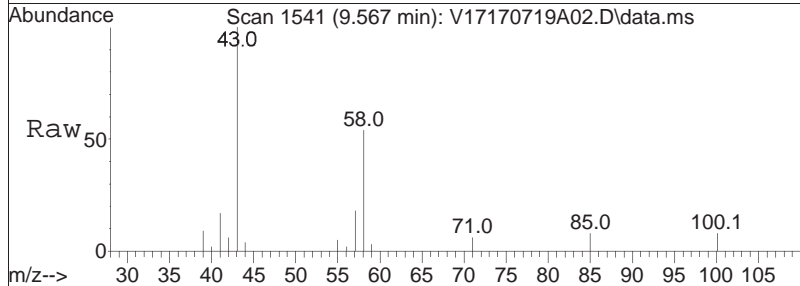
Tgt Ion	Resp	Lower	Upper
107	33247		
109	94.6	75.4	113.2

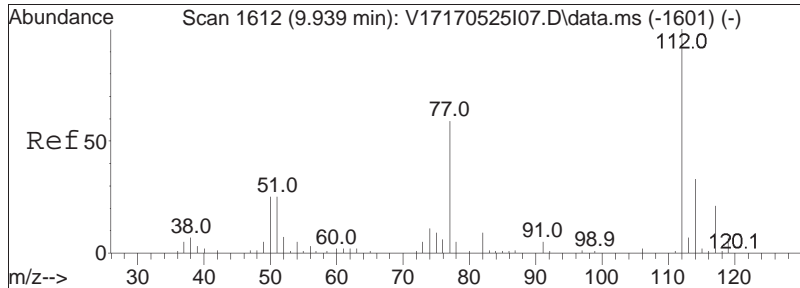




#72
 2-Hexanone
 Concen: 16.89 ug/L
 RT: 9.567 min Scan# 1541
 Delta R.T. -0.005 min
 Lab File: V17170719A02.D
 Acq: 19 Jul 2017 07:29

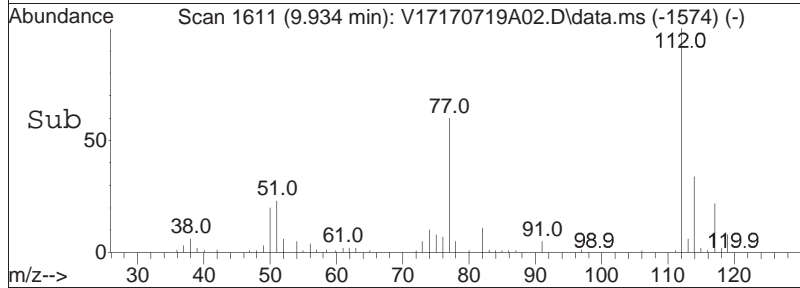
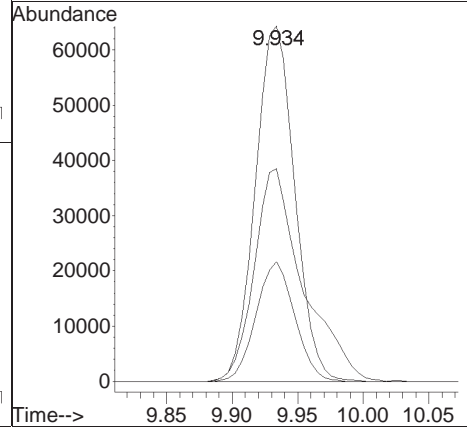
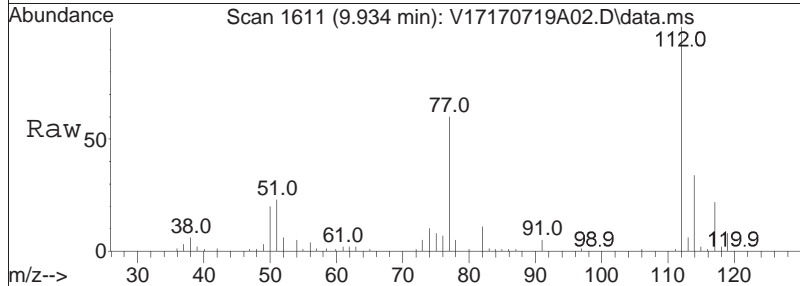
Tgt Ion	Resp	Lower	Upper
43	18029		
58	55.0	39.8	59.6
57	20.0	14.2	21.2

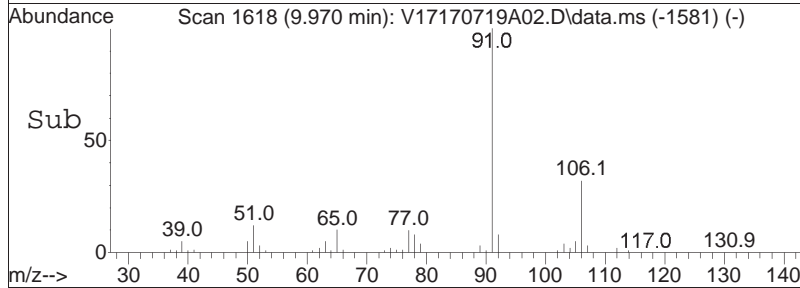
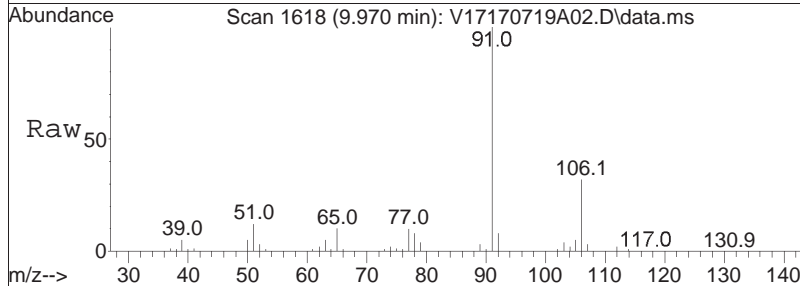
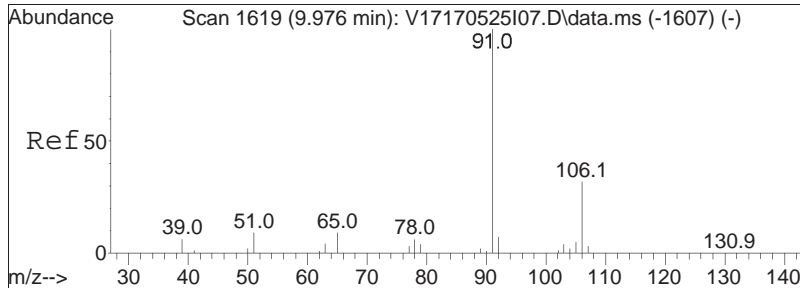




#73
 Chlorobenzene
 Concen: 19.73 ug/L
 RT: 9.934 min Scan# 1611
 Delta R.T. -0.005 min
 Lab File: V17170719A02.D
 Acq: 19 Jul 2017 07:29

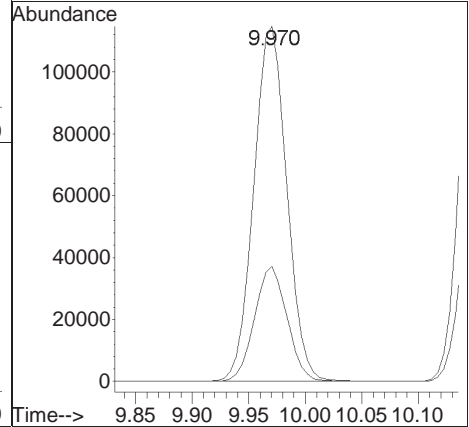
Tgt Ion	Resp	Lower	Upper
112	134412		
77	74.2	55.8	83.8
114	33.0	26.2	39.2

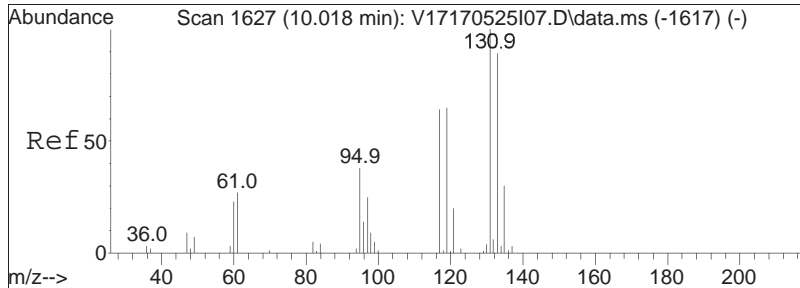




#74
 Ethylbenzene
 Concen: 19.62 ug/L
 RT: 9.970 min Scan# 1618
 Delta R.T. -0.006 min
 Lab File: V17170719A02.D
 Acq: 19 Jul 2017 07:29

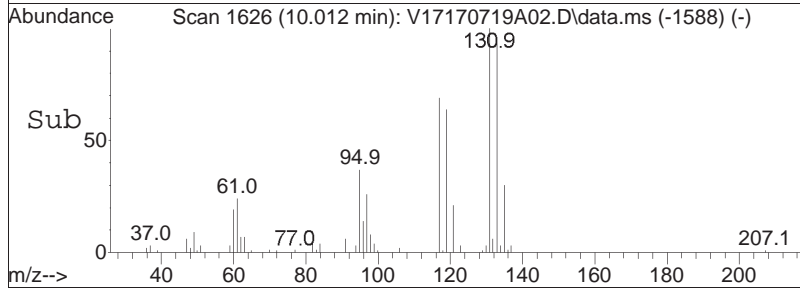
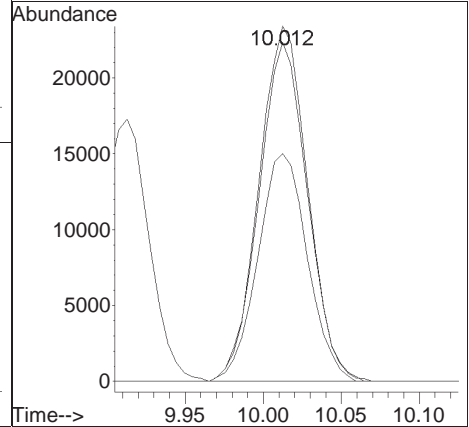
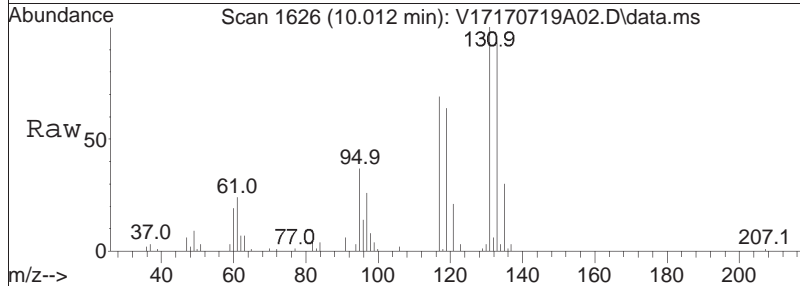
Tgt Ion:	91	Resp:	232748
Ion Ratio	Lower	Upper	
91	100		
106	31.8	25.8	38.6

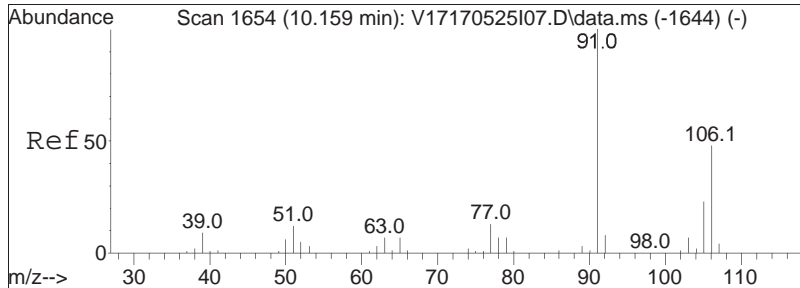




#75
 1,1,1,2-Tetrachloroethane
 Concen: 20.43 ug/L
 RT: 10.012 min Scan# 1626
 Delta R.T. 0.000 min
 Lab File: V17170719A02.D
 Acq: 19 Jul 2017 07:29

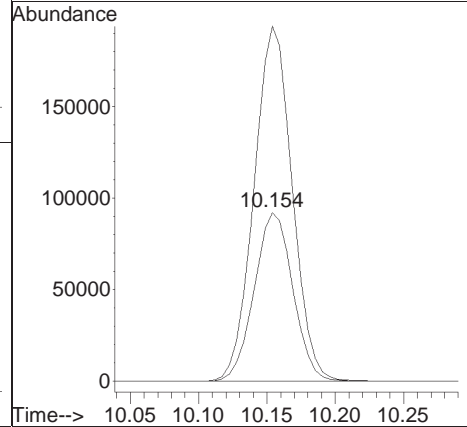
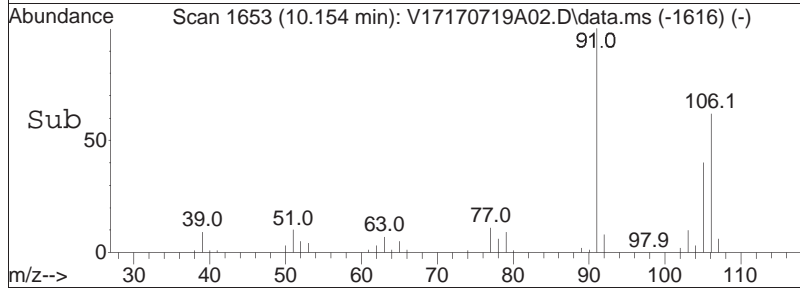
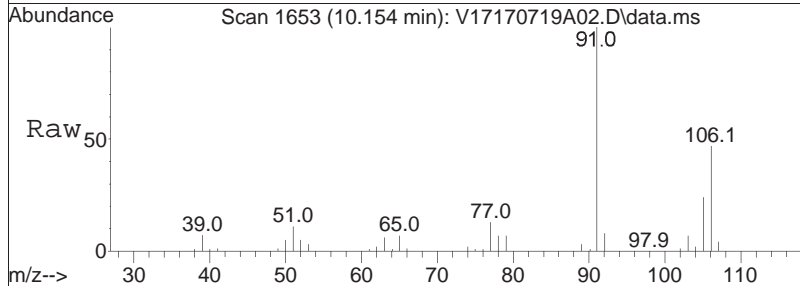
Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.3	75.5	115.5
119	65.3	46.4	86.4

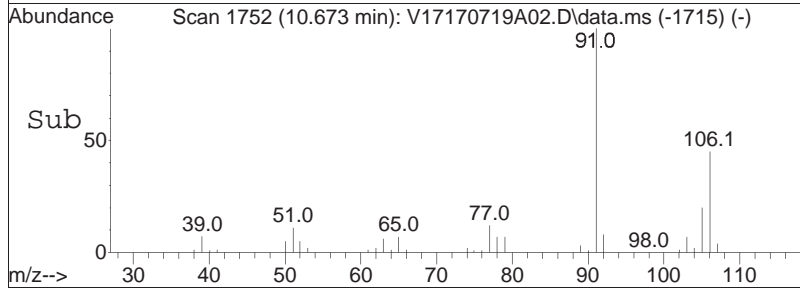
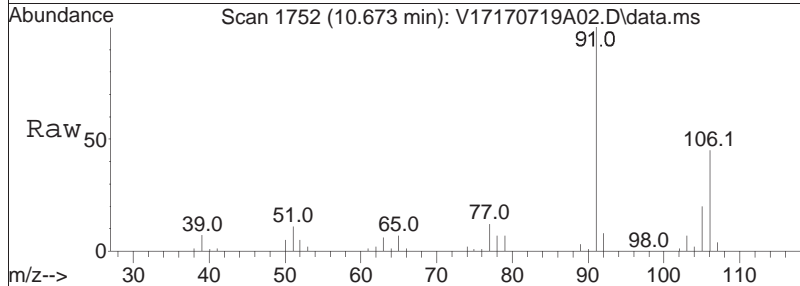
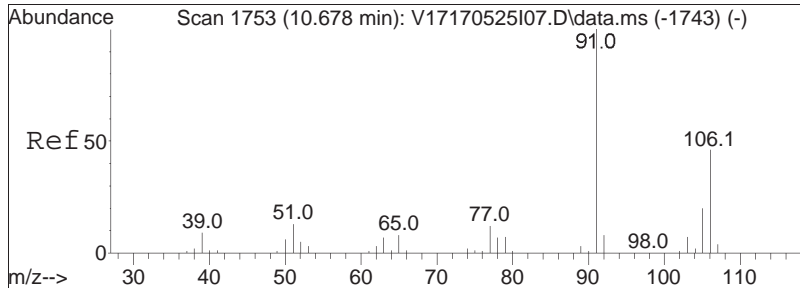




#76
 p/m Xylene
 Concen: 39.72 ug/L
 RT: 10.154 min Scan# 1653
 Delta R.T. -0.005 min
 Lab File: V17170719A02.D
 Acq: 19 Jul 2017 07:29

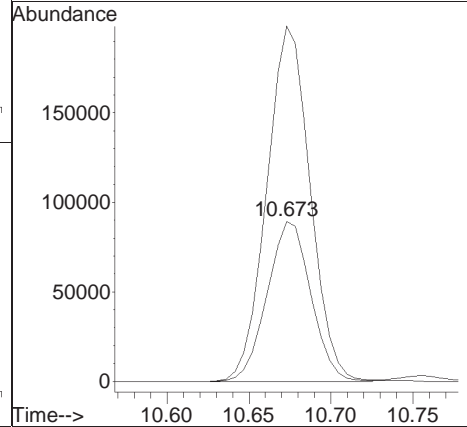
Tgt Ion	Resp	Lower	Upper
106	100		
91	208.3	162.9	244.3

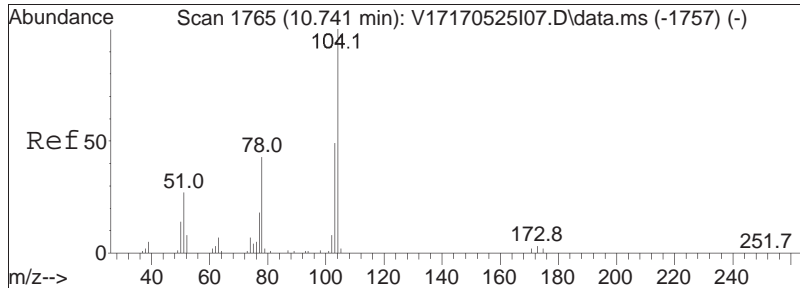




#77
 o Xylene
 Concen: 38.17 ug/L
 RT: 10.673 min Scan# 1752
 Delta R.T. -0.005 min
 Lab File: V17170719A02.D
 Acq: 19 Jul 2017 07:29

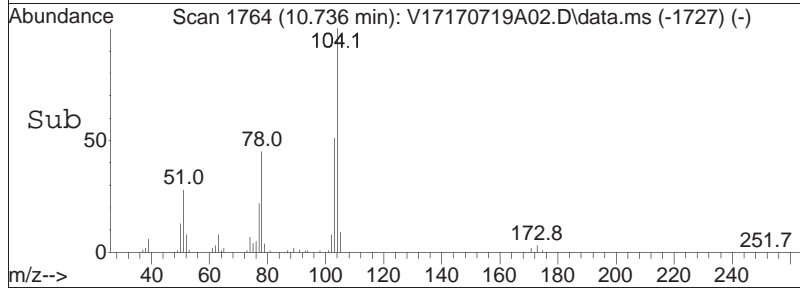
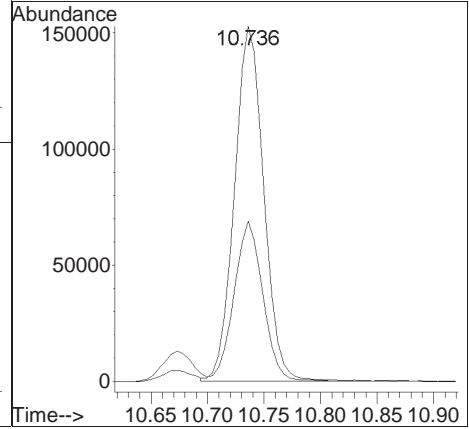
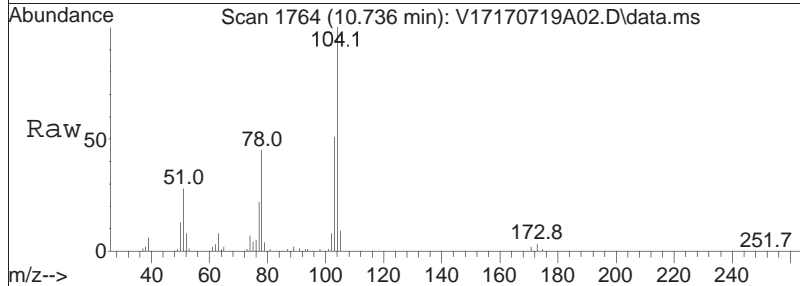
Tgt Ion:	106	Resp:	165078
Ion Ratio	Lower	Upper	
106	100		
91	221.0	170.4	255.6

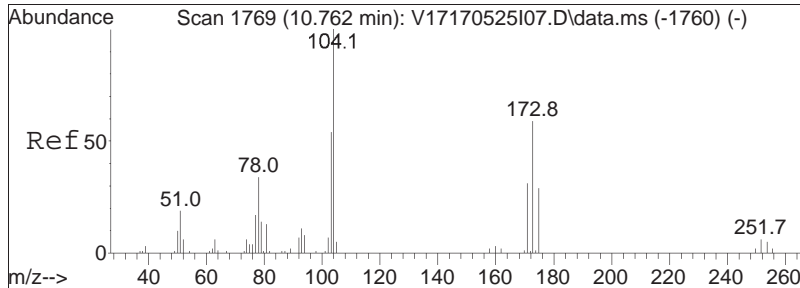




#78
 Styrene
 Concen: 38.74 ug/L
 RT: 10.736 min Scan# 1764
 Delta R.T. -0.005 min
 Lab File: V17170719A02.D
 Acq: 19 Jul 2017 07:29

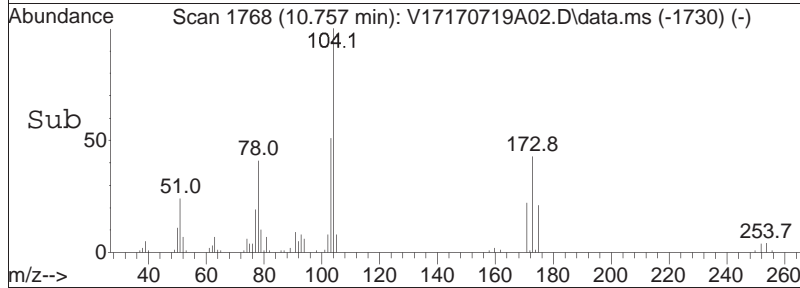
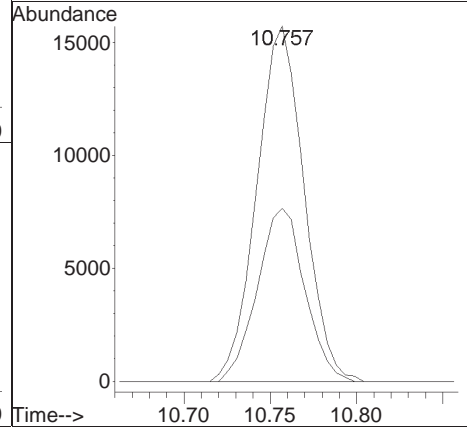
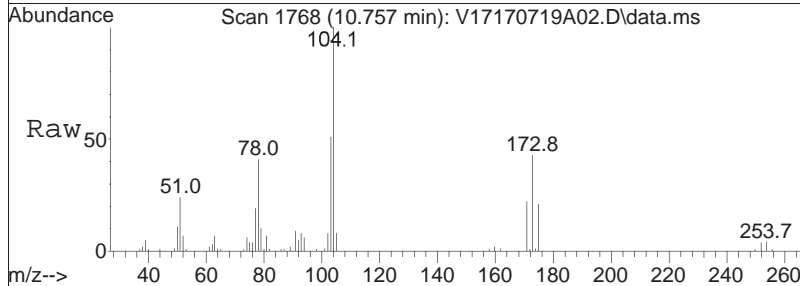
Tgt Ion	Ratio	Lower	Upper
104	100		
78	44.2	34.1	51.1

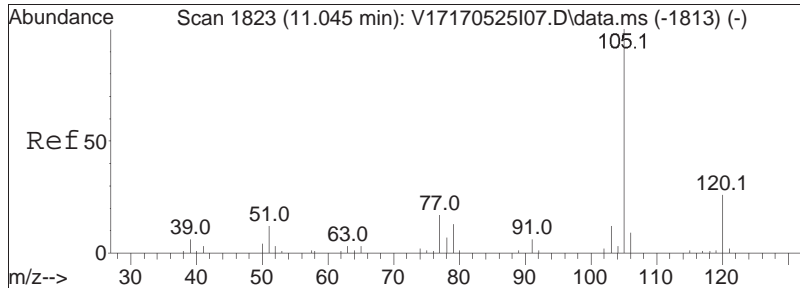




#80
 Bromoform
 Concen: 19.53 ug/L
 RT: 10.757 min Scan# 1768
 Delta R.T. -0.000 min
 Lab File: V17170719A02.D
 Acq: 19 Jul 2017 07:29

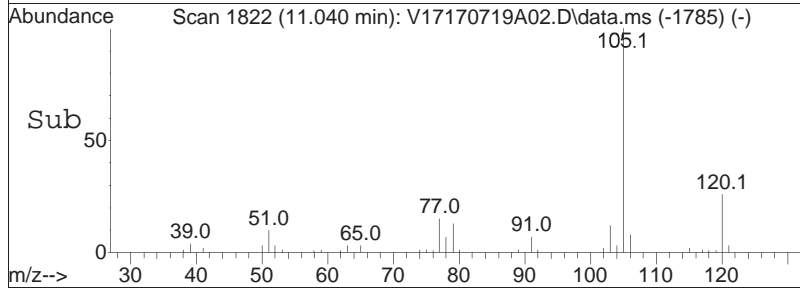
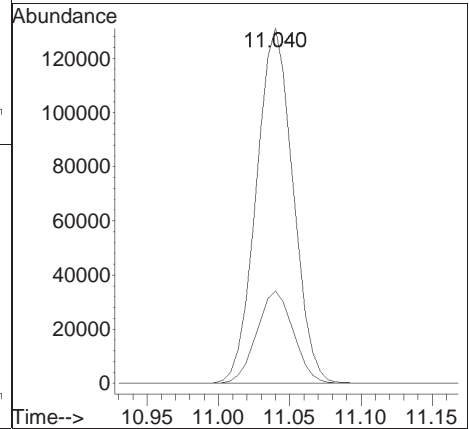
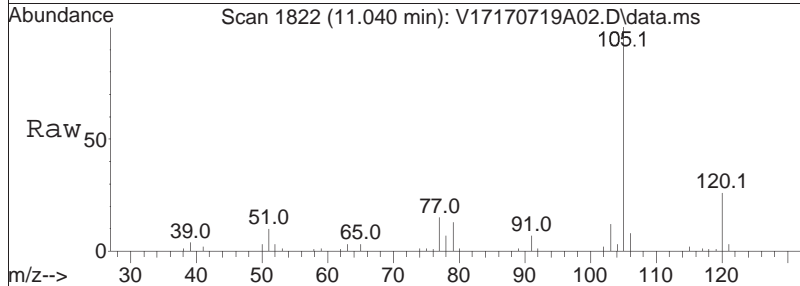
Tgt Ion:	173	Resp:	29826
Ion Ratio	Lower	Upper	
173	100		
175	49.0	28.8	68.8

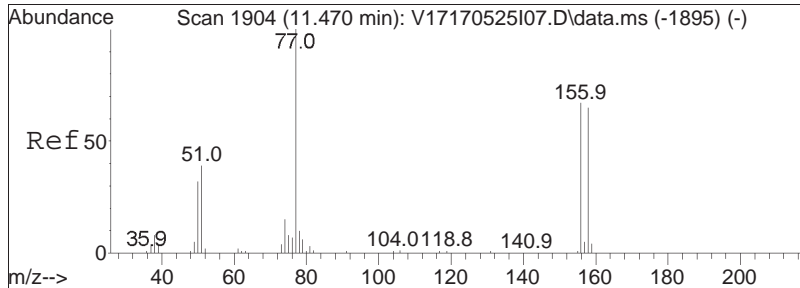




#82
 Isopropylbenzene
 Concen: 20.12 ug/L
 RT: 11.040 min Scan# 1822
 Delta R.T. -0.005 min
 Lab File: V17170719A02.D
 Acq: 19 Jul 2017 07:29

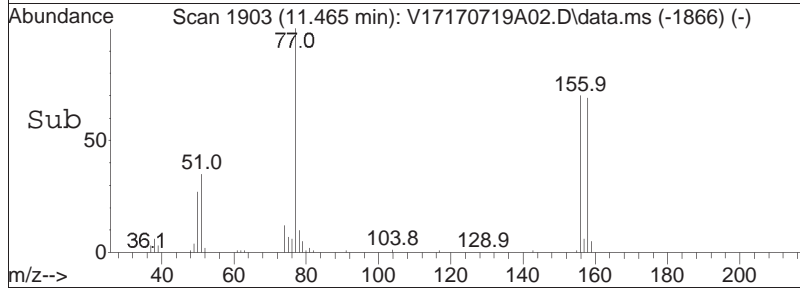
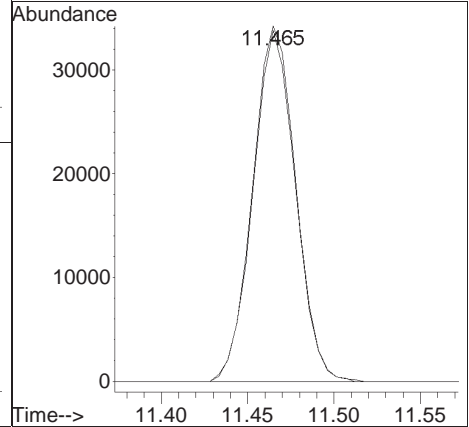
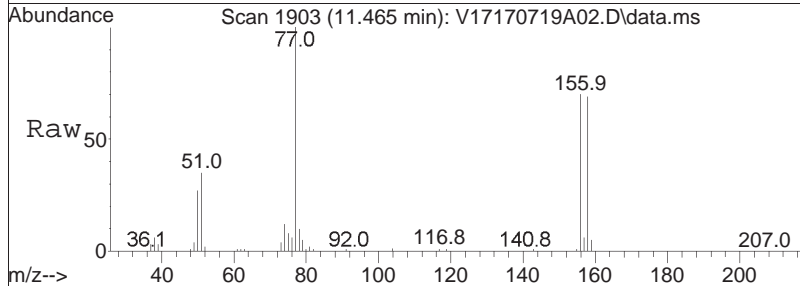
Tgt Ion	Resp	Lower	Upper
105	100		
120	26.0	6.6	46.6

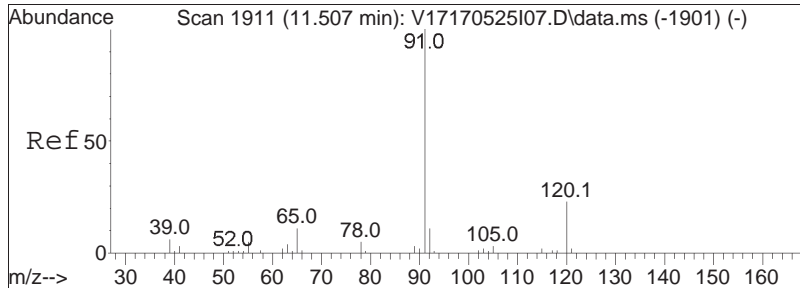




#84
 Bromobenzene
 Concen: 20.20 ug/L
 RT: 11.465 min Scan# 1903
 Delta R.T. -0.005 min
 Lab File: V17170719A02.D
 Acq: 19 Jul 2017 07:29

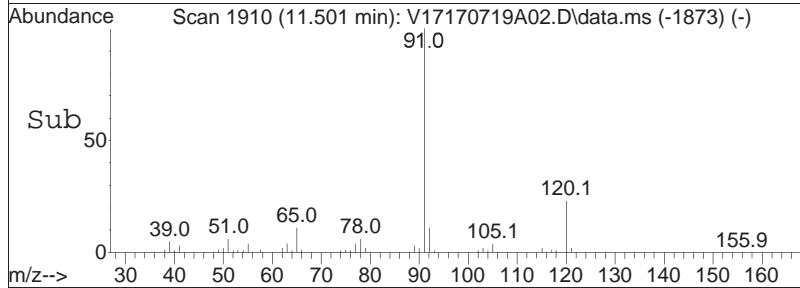
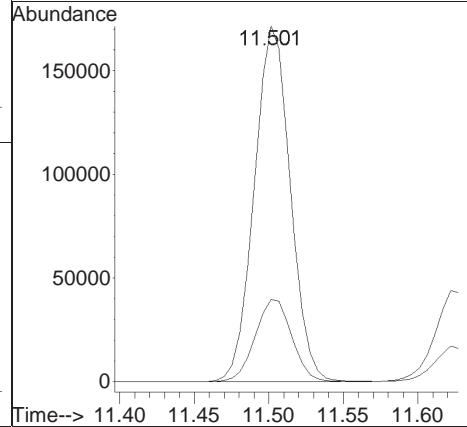
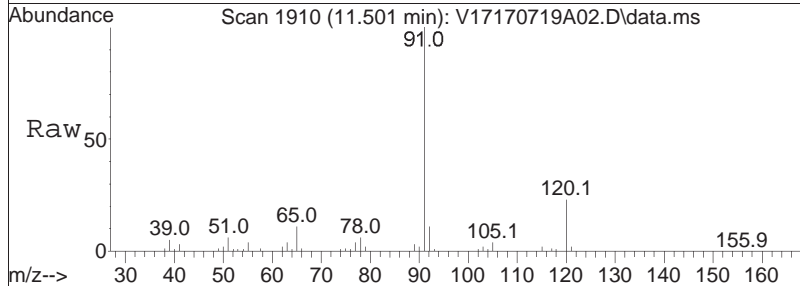
Tgt Ion:	156	Resp:	59378
Ion Ratio	Lower	Upper	
156	100		
158	96.8	78.3	117.5

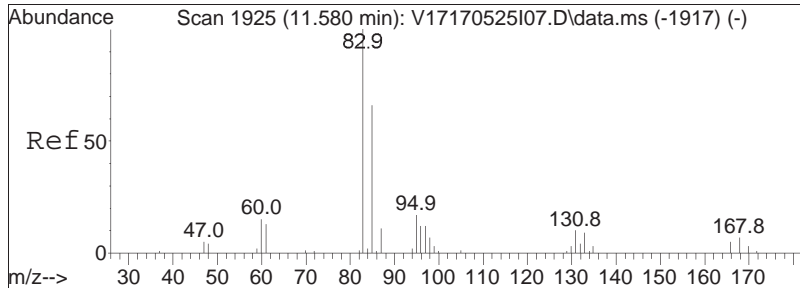




#85
 n-Propylbenzene
 Concen: 19.77 ug/L
 RT: 11.501 min Scan# 1910
 Delta R.T. -0.006 min
 Lab File: V17170719A02.D
 Acq: 19 Jul 2017 07:29

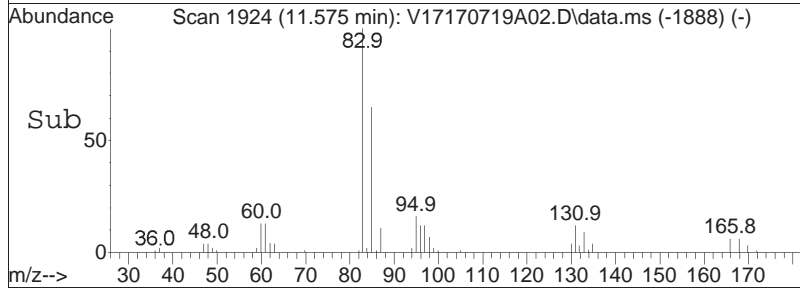
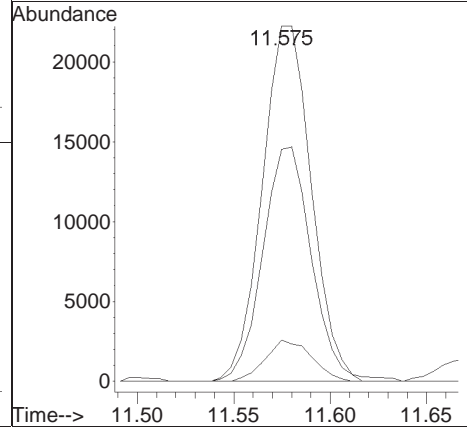
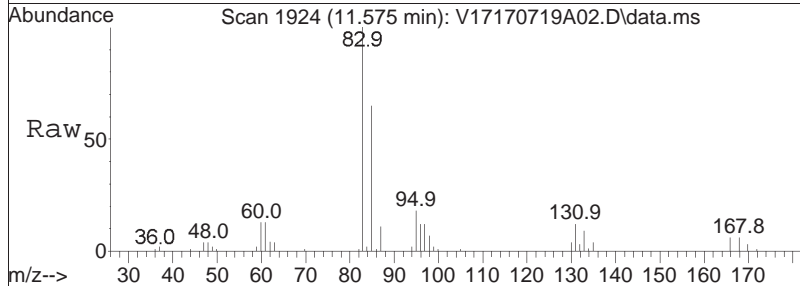
Tgt Ion:	91	Resp:	287093
Ion Ratio	Lower	Upper	
91	100		
120	23.3	19.5	29.3

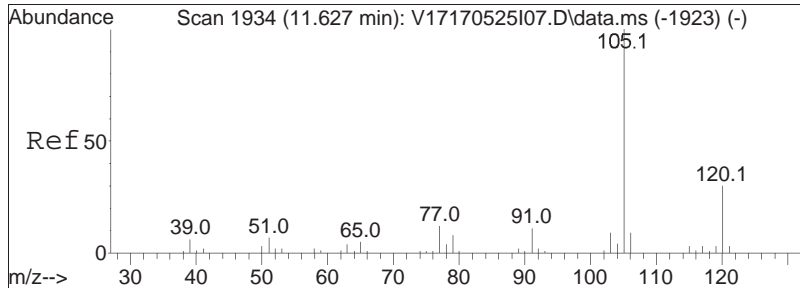




#87
 1,1,2,2-Tetrachloroethane
 Concen: 18.57 ug/L
 RT: 11.575 min Scan# 1924
 Delta R.T. -0.010 min
 Lab File: V17170719A02.D
 Acq: 19 Jul 2017 07:29

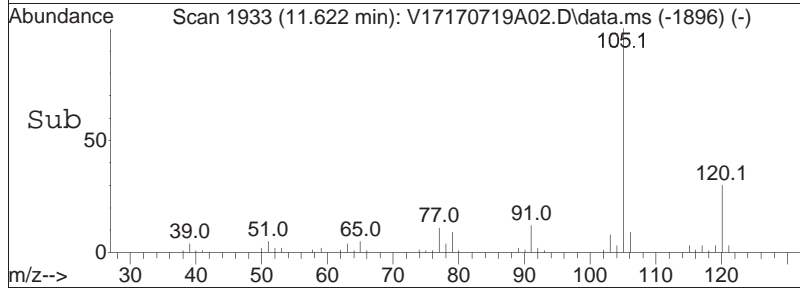
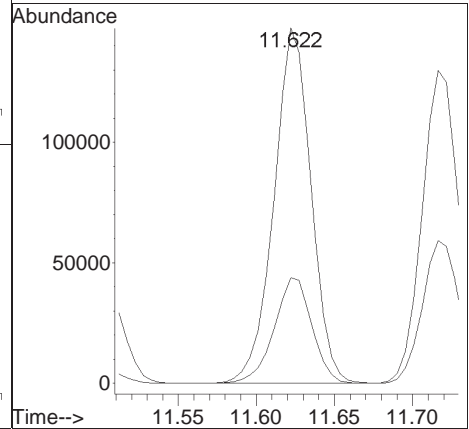
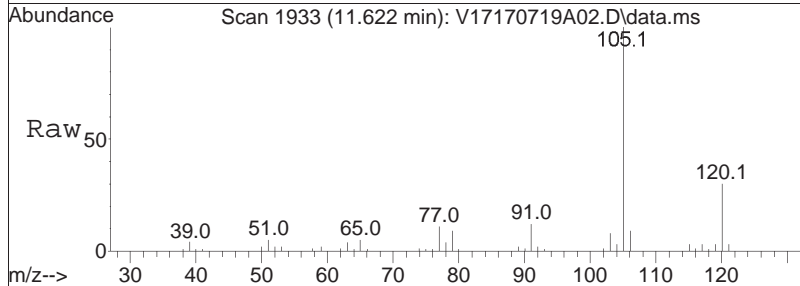
Tgt Ion	Resp	Lower	Upper
83	39439		
83	100		
131	11.0	0.0	31.5
85	65.6	45.6	85.6

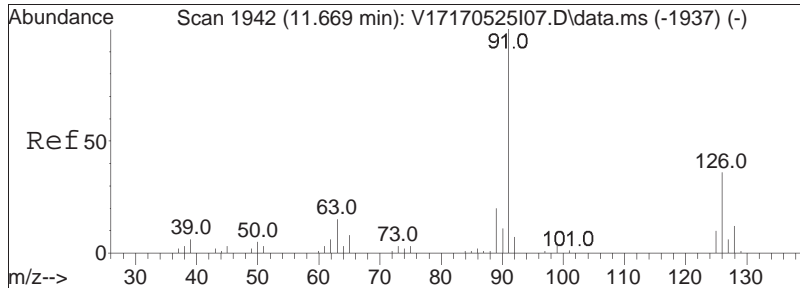




#88
 4-Ethyltoluene
 Concen: 20.93 ug/L
 RT: 11.622 min Scan# 1933
 Delta R.T. -0.005 min
 Lab File: V17170719A02.D
 Acq: 19 Jul 2017 07:29

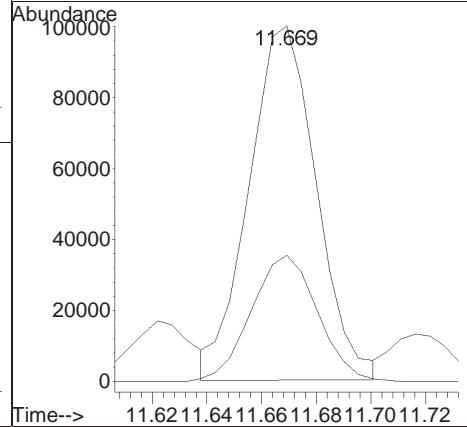
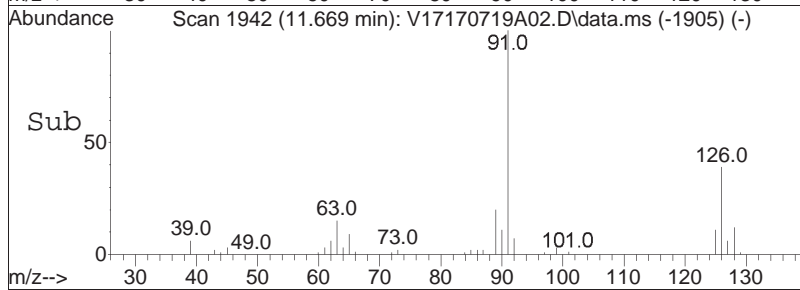
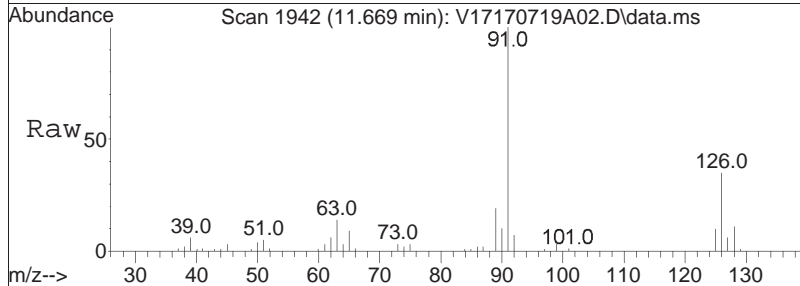
Tgt Ion	Resp	Lower	Upper
105	100		
120	30.3	20.2	42.0

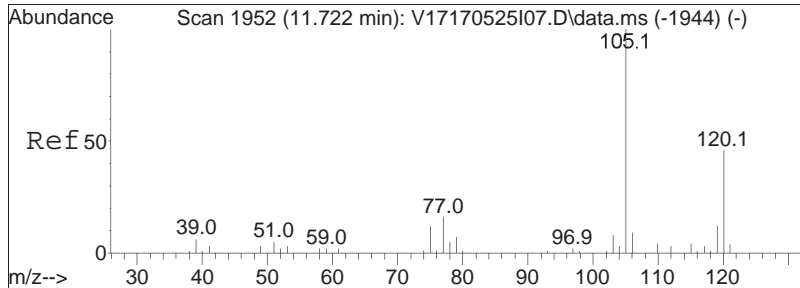




#89
 2-Chlorotoluene
 Concen: 20.00 ug/L
 RT: 11.669 min Scan# 1942
 Delta R.T. -0.006 min
 Lab File: V17170719A02.D
 Acq: 19 Jul 2017 07:29

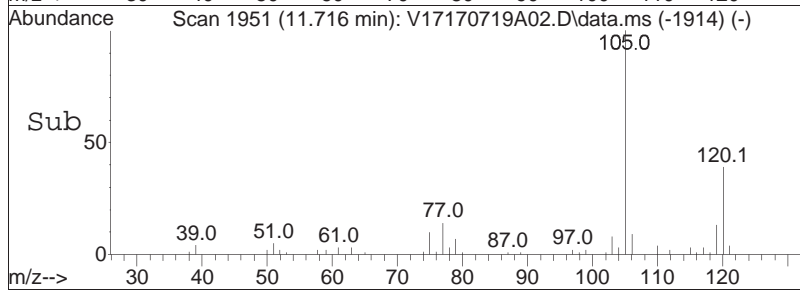
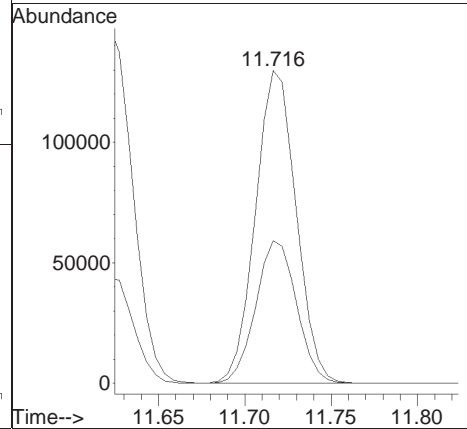
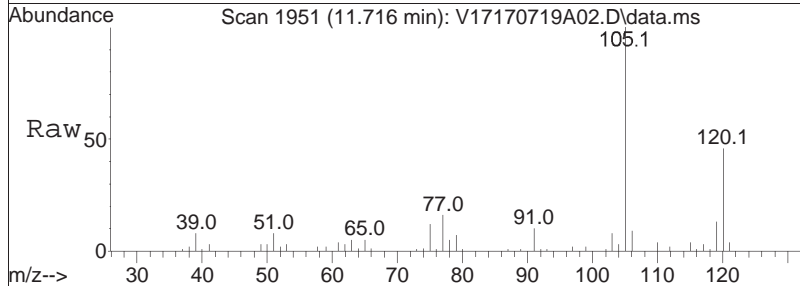
Tgt Ion:	Resp:	Lower	Upper
91	171084		
126	35.0	30.0	45.0

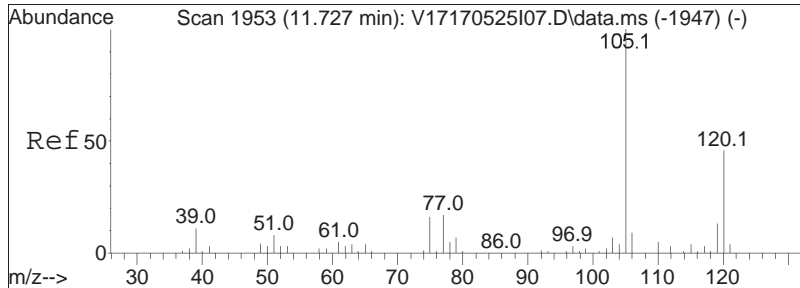




#90
 1,3,5-Trimethylbenzene
 Concen: 20.37 ug/L
 RT: 11.716 min Scan# 1951
 Delta R.T. -0.006 min
 Lab File: V17170719A02.D
 Acq: 19 Jul 2017 07:29

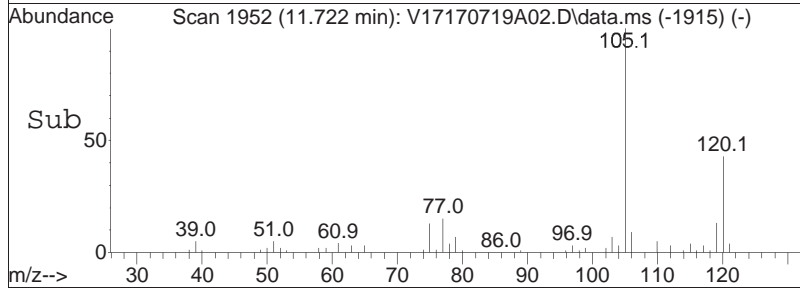
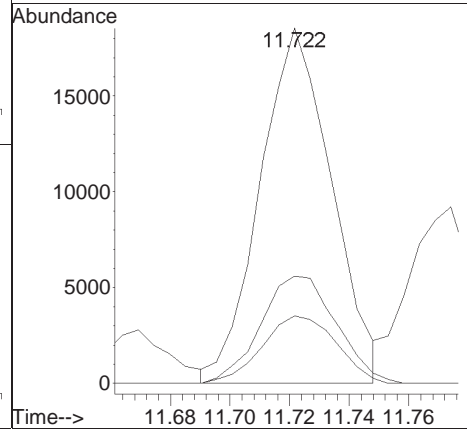
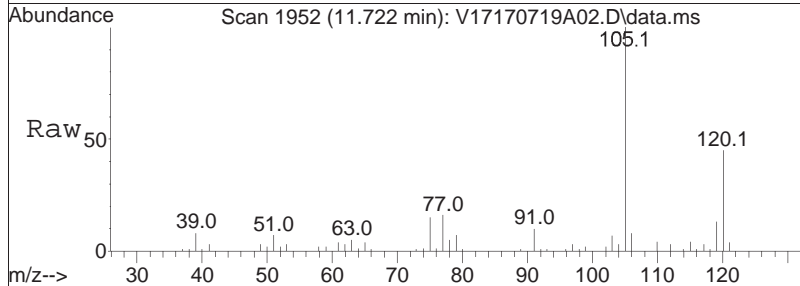
Tgt Ion	Resp	Lower	Upper
105	100		
120	45.8	37.9	56.9

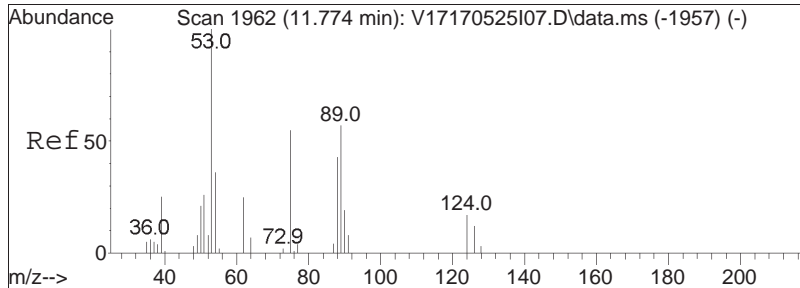




#91
 1,2,3-Trichloropropane
 Concen: 18.19 ug/L
 RT: 11.722 min Scan# 1952
 Delta R.T. -0.005 min
 Lab File: V17170719A02.D
 Acq: 19 Jul 2017 07:29

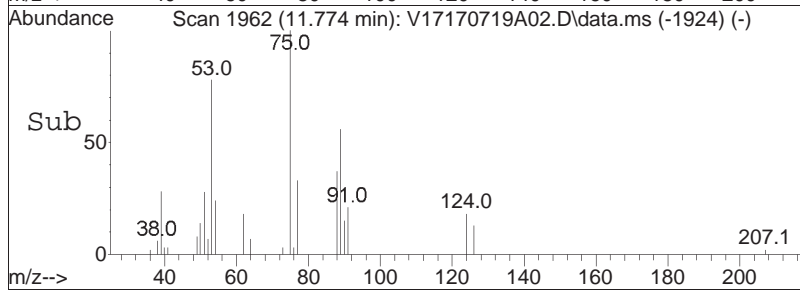
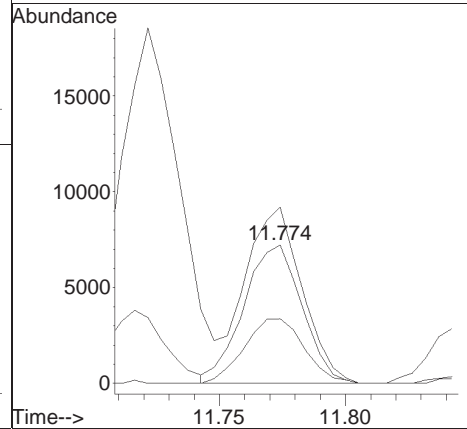
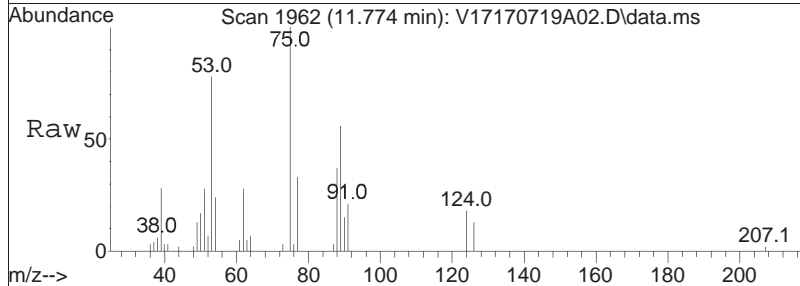
Tgt Ion	Resp	Lower	Upper
75	30939		
75	100		
110	31.9	22.6	46.8
112	19.7	14.1	29.3

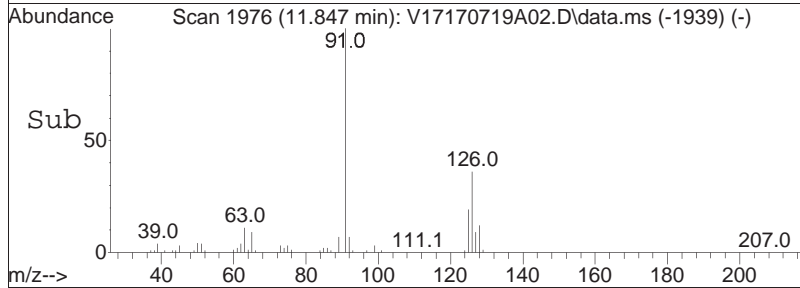
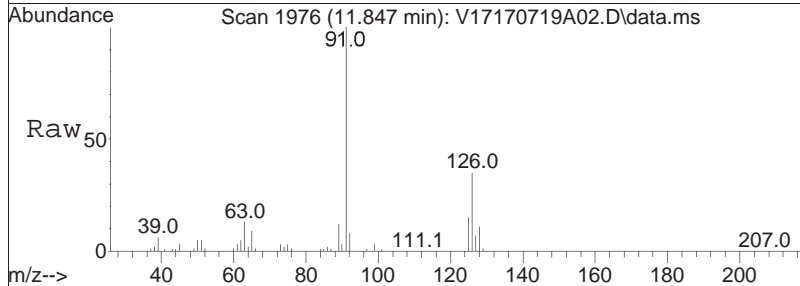
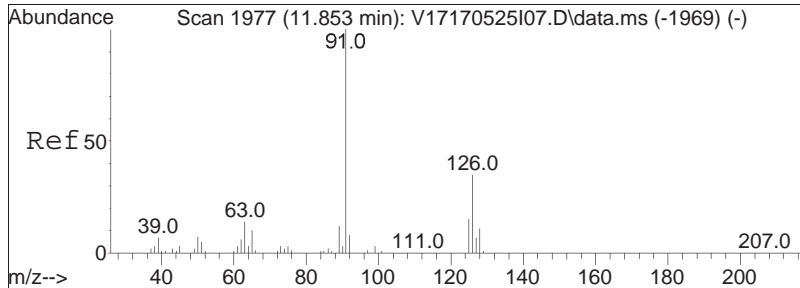




#92
 trans-1,4-Dichloro-2-butene
 Concen: 17.35 ug/L
 RT: 11.774 min Scan# 1962
 Delta R.T. 0.000 min
 Lab File: V17170719A02.D
 Acq: 19 Jul 2017 07:29

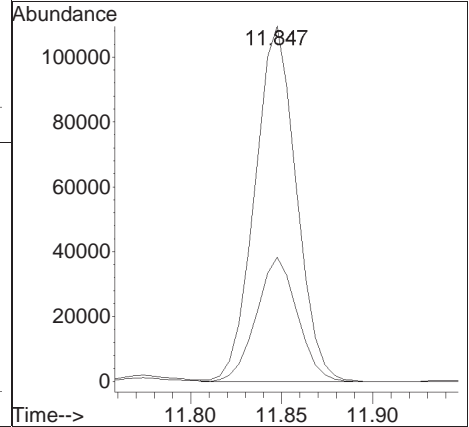
Tgt Ion	Resp	Lower	Upper
53	100		
88	48.0	33.7	50.5
75	124.9	81.6	122.4#

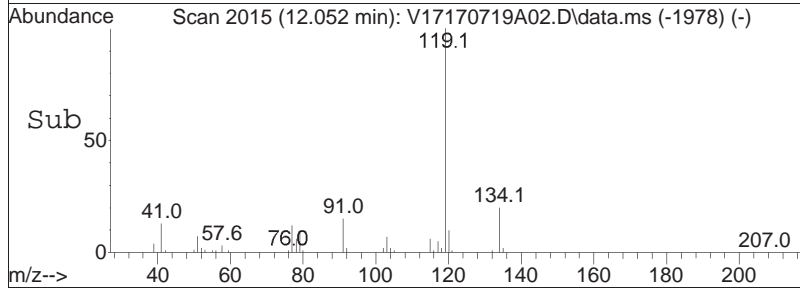
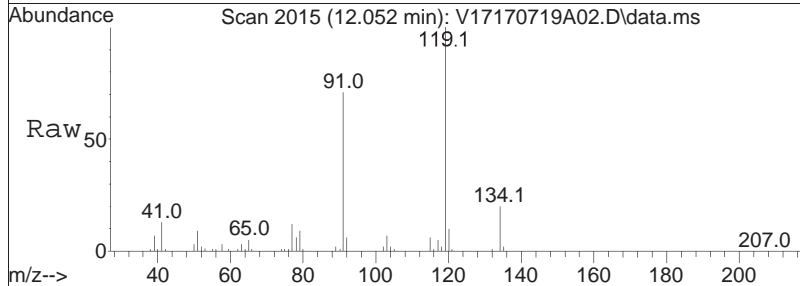
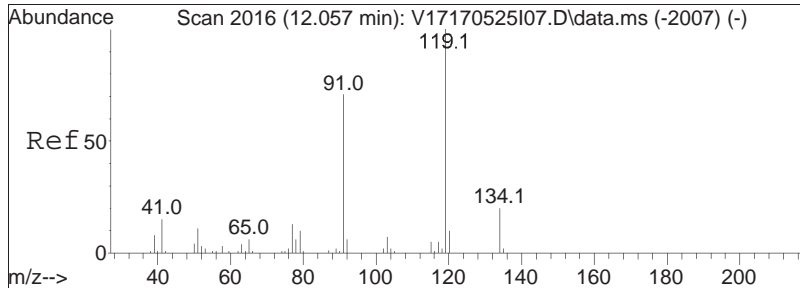




#93
 4-Chlorotoluene
 Concen: 19.85 ug/L
 RT: 11.847 min Scan# 1976
 Delta R.T. -0.006 min
 Lab File: V17170719A02.D
 Acq: 19 Jul 2017 07:29

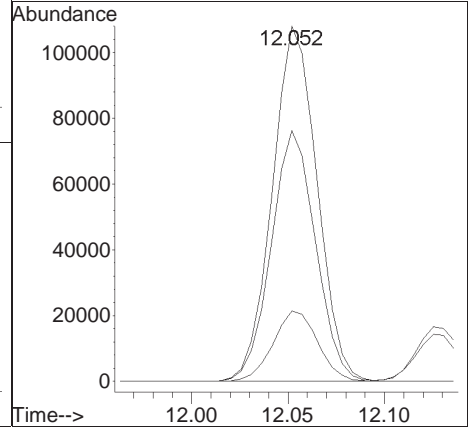
Tgt Ion:	91	Resp:	173152
Ion Ratio	100	Lower	Upper
126	34.4	29.5	44.3

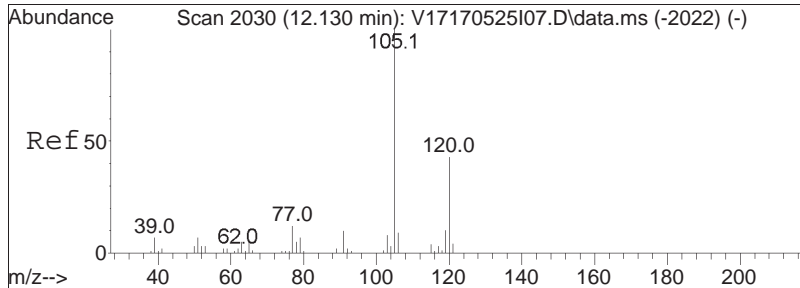




#94
 tert-Butylbenzene
 Concen: 20.18 ug/L
 RT: 12.052 min Scan# 2015
 Delta R.T. -0.005 min
 Lab File: V17170719A02.D
 Acq: 19 Jul 2017 07:29

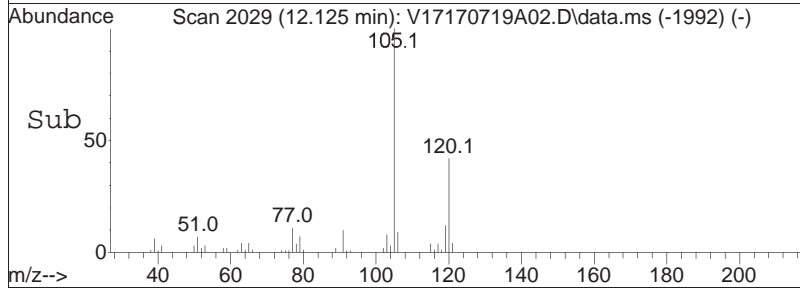
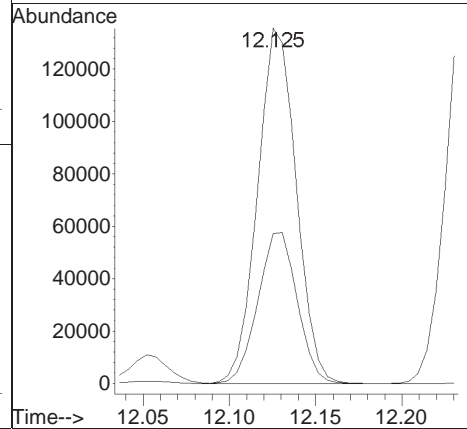
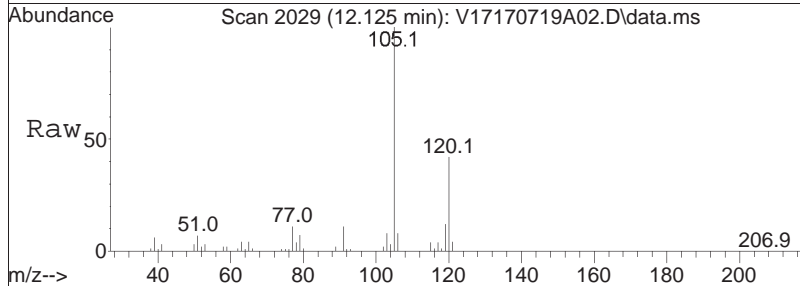
Tgt Ion	Resp	Lower	Upper
119	174304		
119	100		
91	70.0	52.2	78.2
134	19.8	15.9	23.9

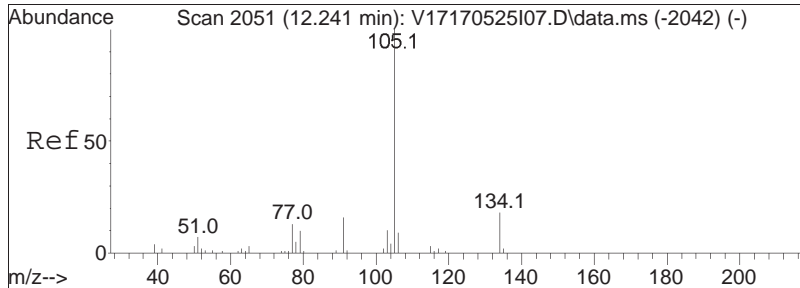




#97
 1,2,4-Trimethylbenzene
 Concen: 20.51 ug/L
 RT: 12.125 min Scan# 2029
 Delta R.T. -0.006 min
 Lab File: V17170719A02.D
 Acq: 19 Jul 2017 07:29

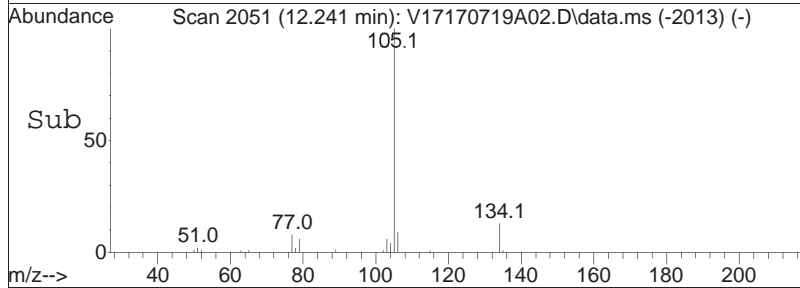
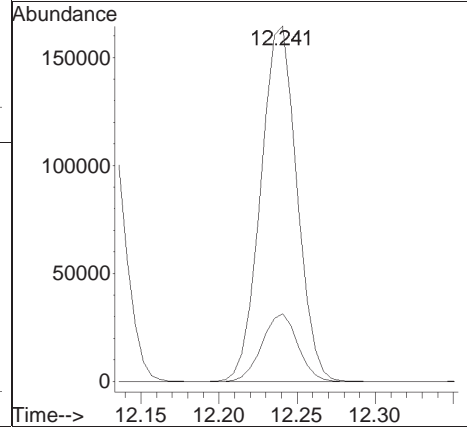
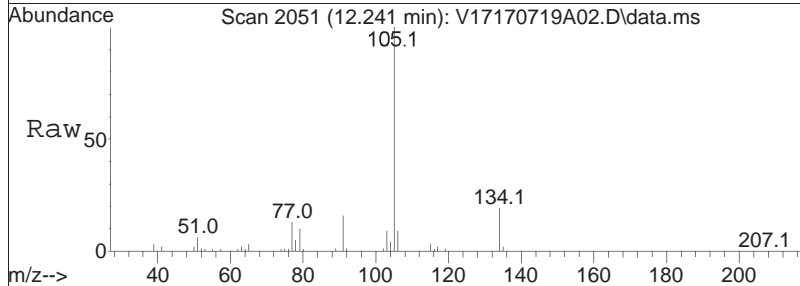
Tgt Ion:	105	Resp:	211168
Ion Ratio	Lower	Upper	
105	100		
120	43.2	35.7	53.5

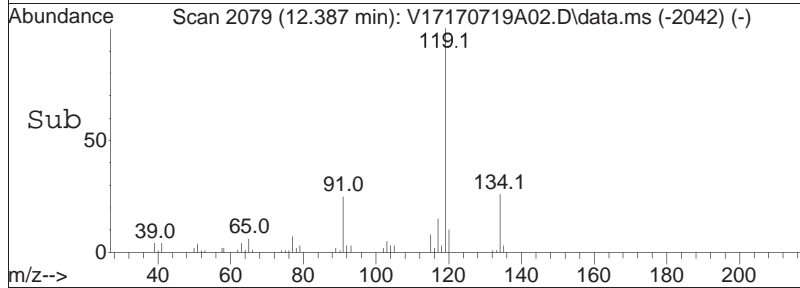
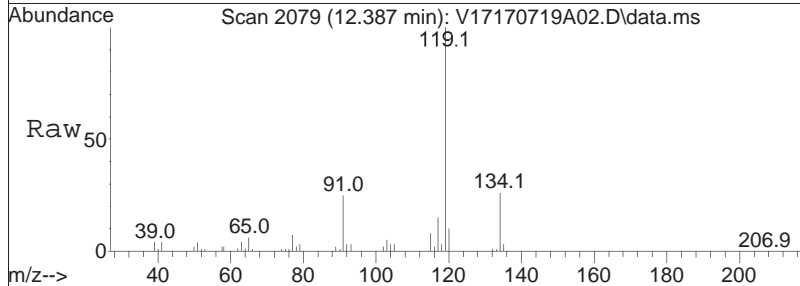
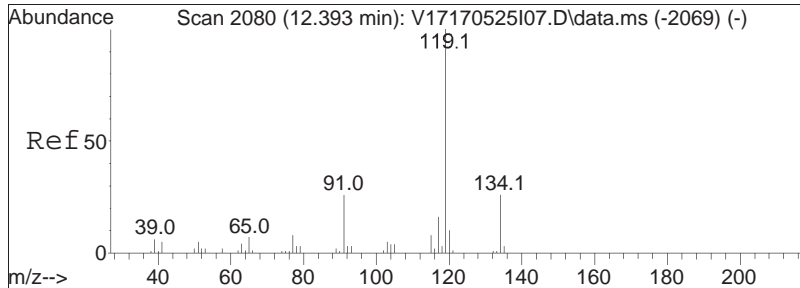




#98
 sec-Butylbenzene
 Concen: 20.23 ug/L
 RT: 12.241 min Scan# 2051
 Delta R.T. -0.000 min
 Lab File: V17170719A02.D
 Acq: 19 Jul 2017 07:29

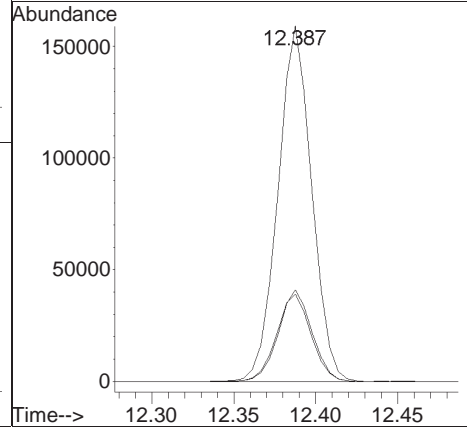
Tgt Ion	Resp	Lower	Upper
105	100		
134	18.8	12.5	25.9

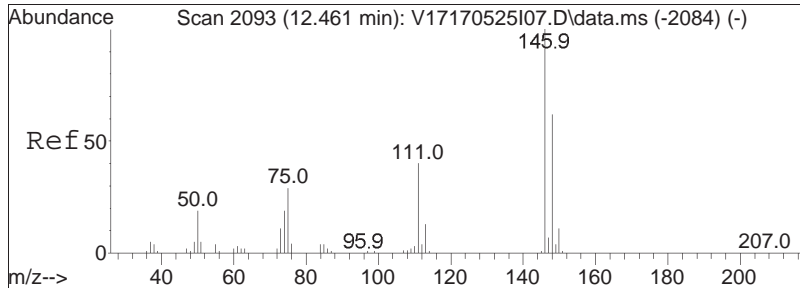




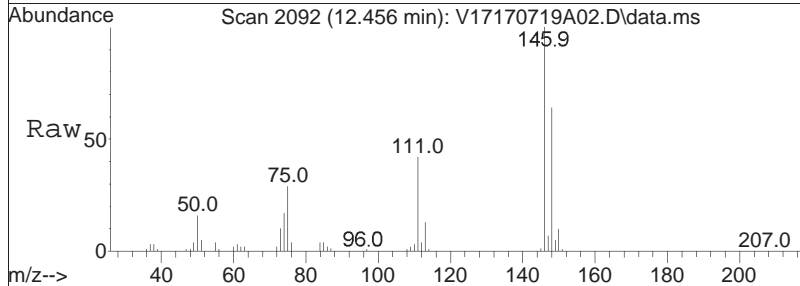
#99
 p-Isopropyltoluene
 Concen: 20.55 ug/L
 RT: 12.387 min Scan# 2079
 Delta R.T. -0.006 min
 Lab File: V17170719A02.D
 Acq: 19 Jul 2017 07:29

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.5	17.0	35.2
91	24.9	15.6	32.4

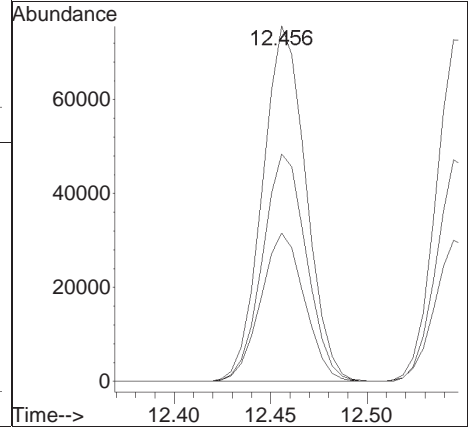
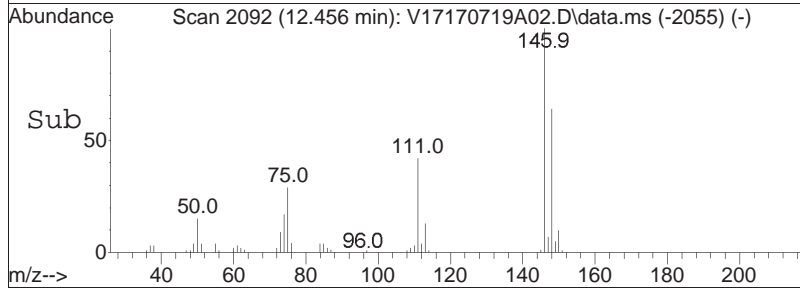


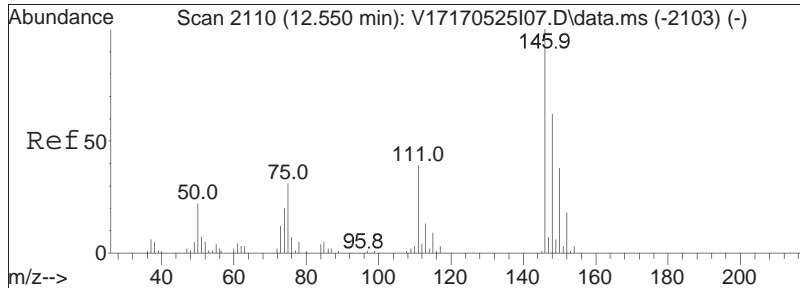


#100
 1,3-Dichlorobenzene
 Concen: 19.78 ug/L
 RT: 12.456 min Scan# 2092
 Delta R.T. -0.005 min
 Lab File: V17170719A02.D
 Acq: 19 Jul 2017 07:29



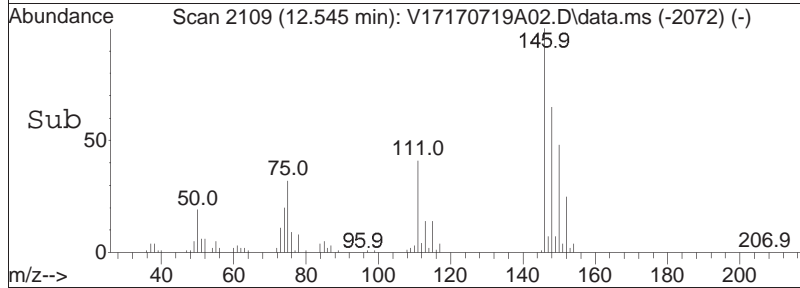
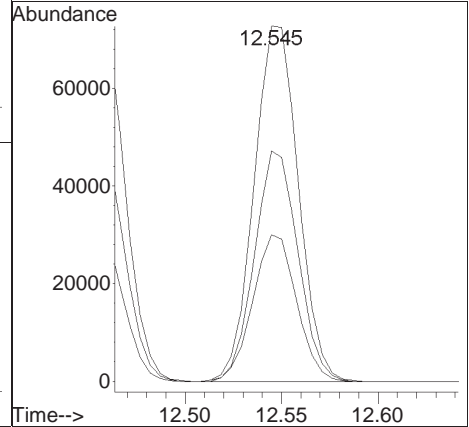
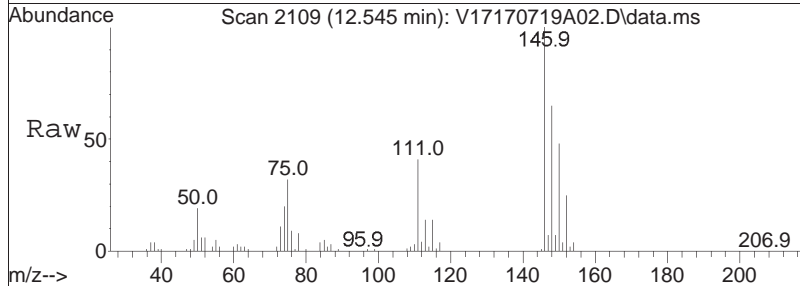
Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.0	25.8	53.6
148	64.4	41.6	86.4

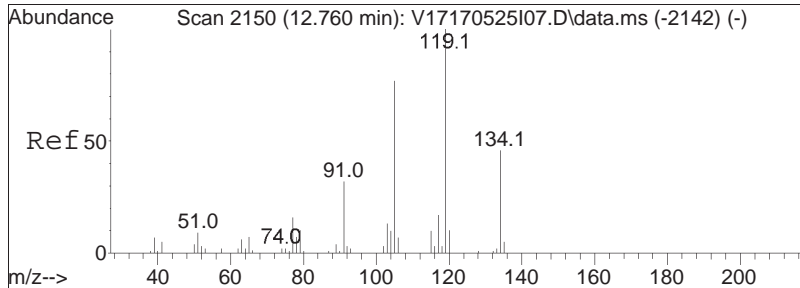




#101
 1,4-Dichlorobenzene
 Concen: 19.66 ug/L
 RT: 12.545 min Scan# 2109
 Delta R.T. -0.005 min
 Lab File: V17170719A02.D
 Acq: 19 Jul 2017 07:29

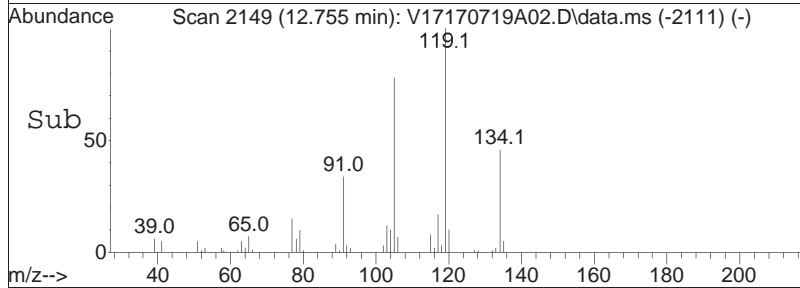
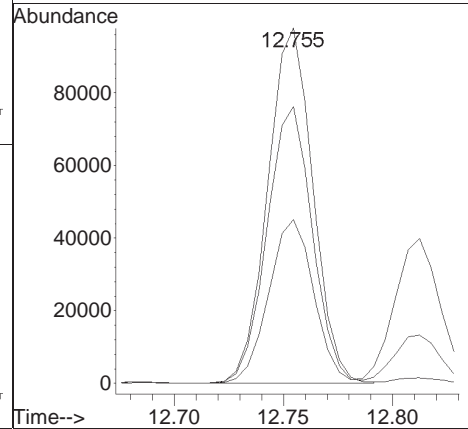
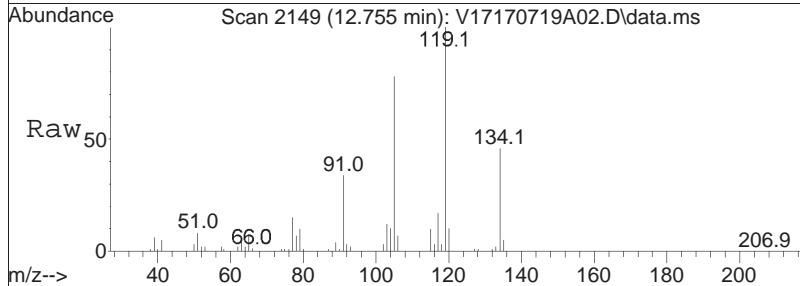
Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.7	31.4	47.0
148	63.5	51.7	77.5

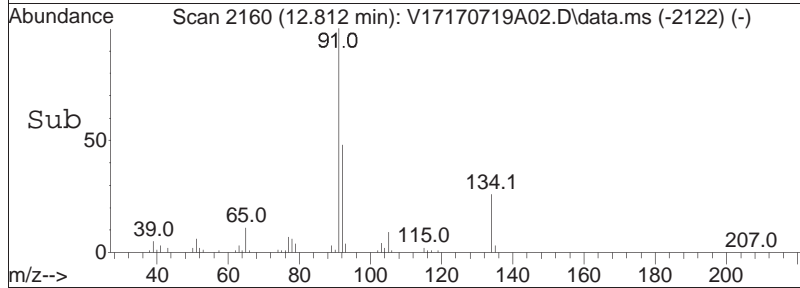
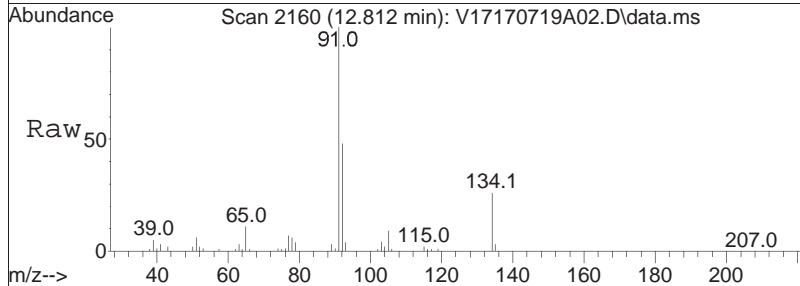
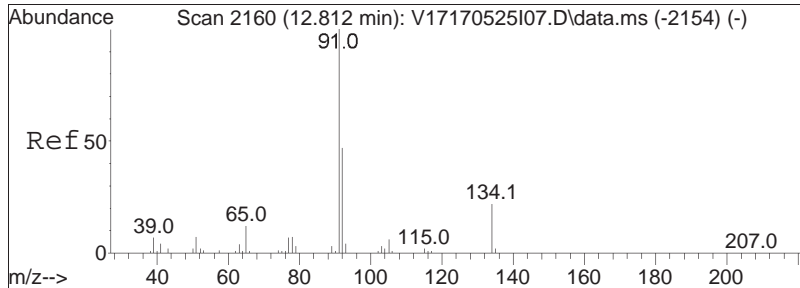




#102
 p-Diethylbenzene
 Concen: 20.69 ug/L
 RT: 12.755 min Scan# 2149
 Delta R.T. -0.001 min
 Lab File: V17170719A02.D
 Acq: 19 Jul 2017 07:29

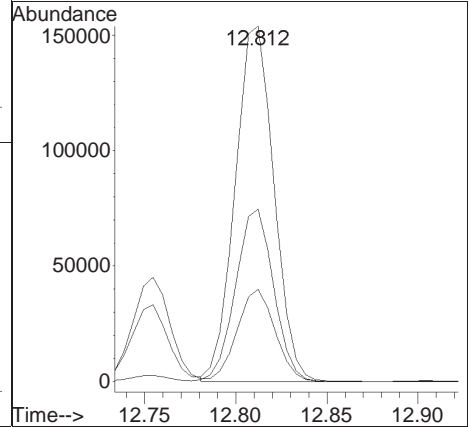
Tgt Ion	Ratio	Lower	Upper
119	100		
105	78.4	49.9	103.5
134	46.0	30.6	63.4

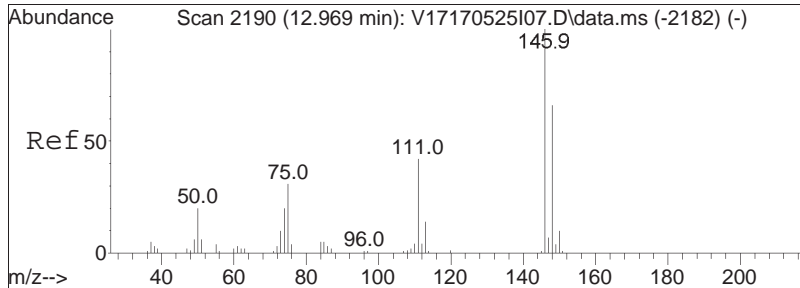




#103
 n-Butylbenzene
 Concen: 19.91 ug/L
 RT: 12.812 min Scan# 2160
 Delta R.T. 0.000 min
 Lab File: V17170719A02.D
 Acq: 19 Jul 2017 07:29

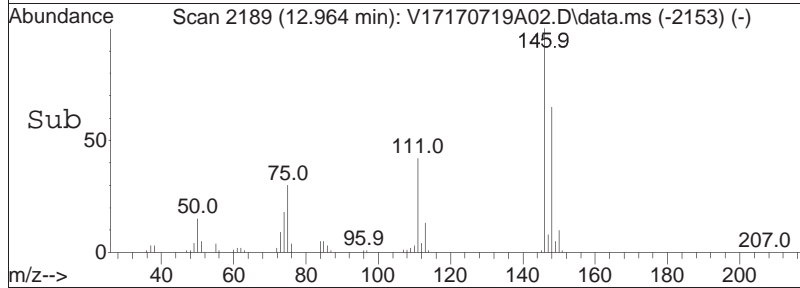
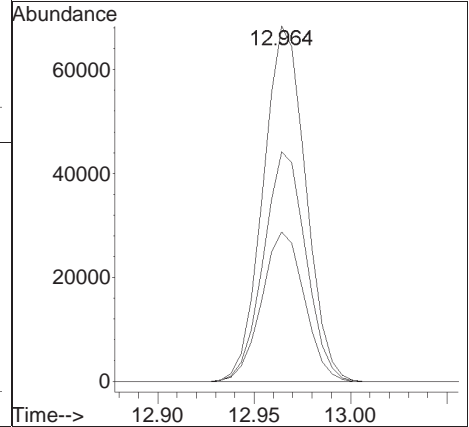
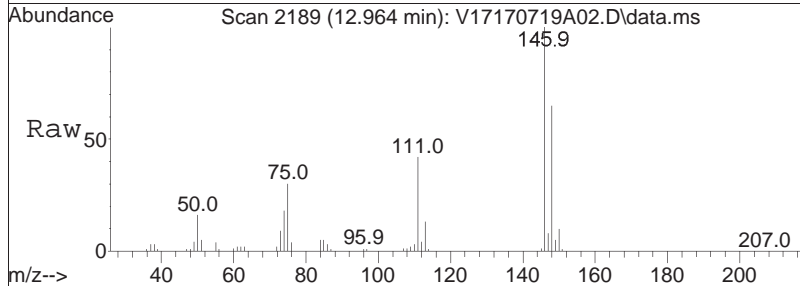
Tgt Ion:	91	Resp:	227954
Ion Ratio	Lower	Upper	
91	100		
92	47.5	39.0	58.4
134	25.3	21.3	31.9

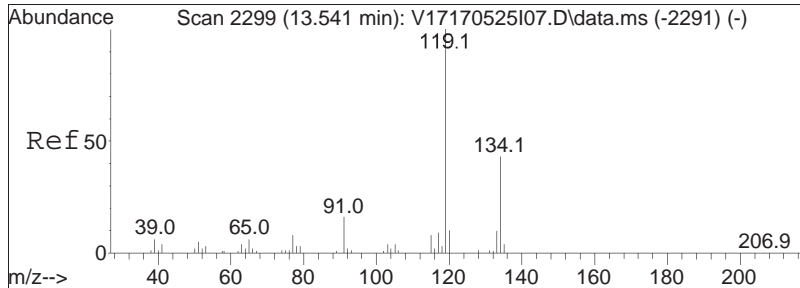




#104
 1,2-Dichlorobenzene
 Concen: 19.63 ug/L
 RT: 12.964 min Scan# 2189
 Delta R.T. -0.011 min
 Lab File: V17170719A02.D
 Acq: 19 Jul 2017 07:29

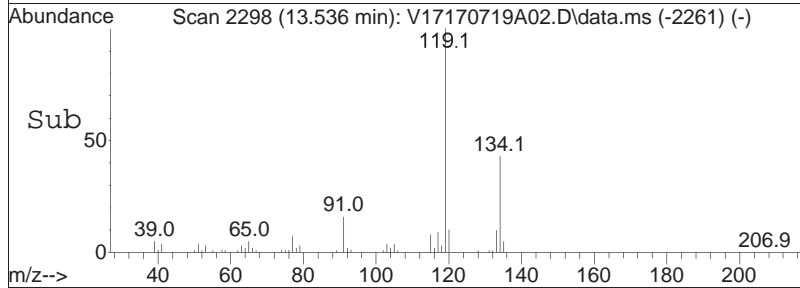
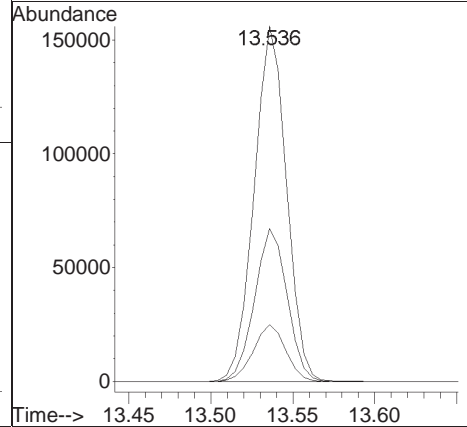
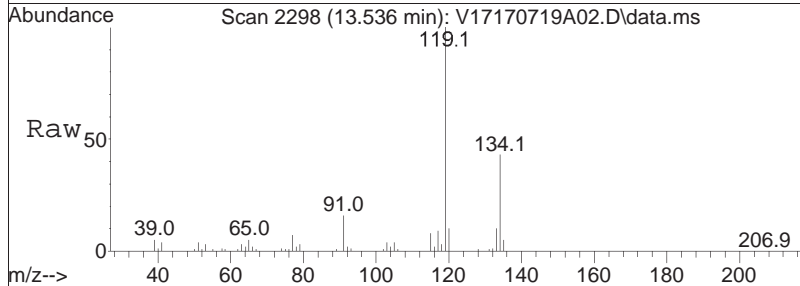
Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.2	26.2	54.4
148	64.3	41.6	86.4

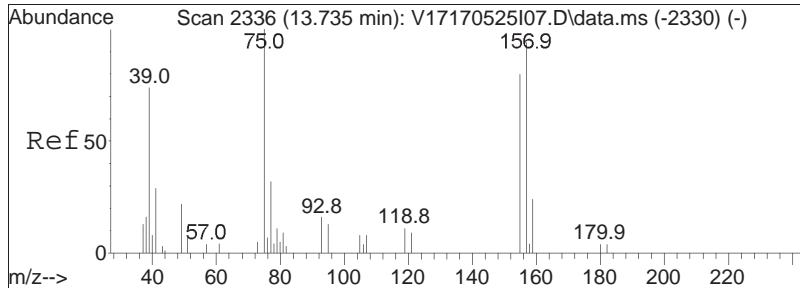




#105
 1,2,4,5-Tetramethylbenzene
 Concen: 20.83 ug/L
 RT: 13.536 min Scan# 2298
 Delta R.T. -0.005 min
 Lab File: V17170719A02.D
 Acq: 19 Jul 2017 07:29

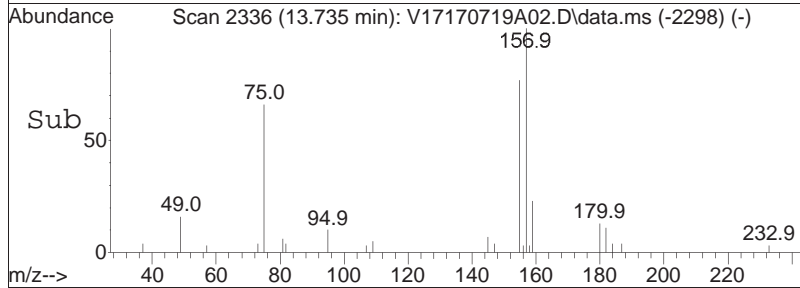
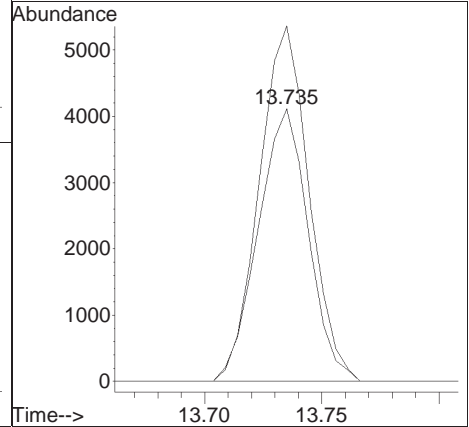
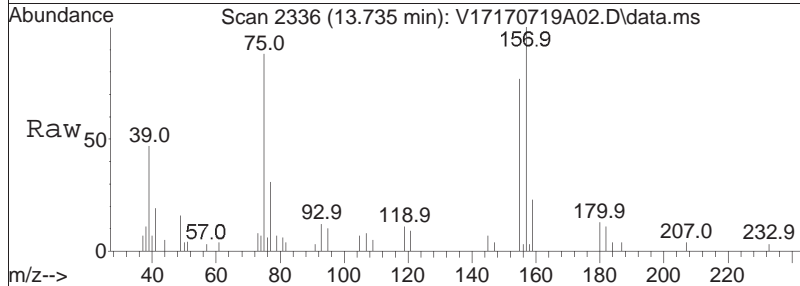
Tgt Ion	Resp	Lower	Upper
119	213825		
119	100		
134	43.3	29.3	60.8
91	16.0	10.0	20.8

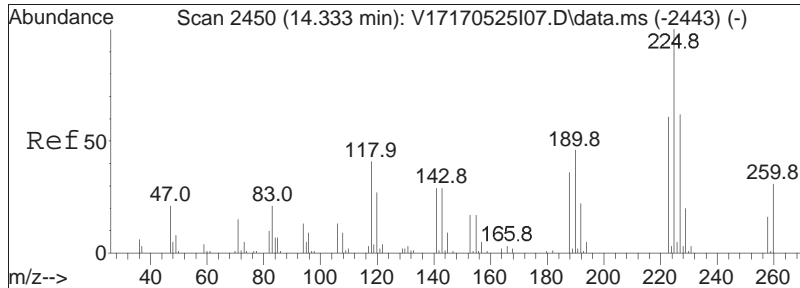




#106
 1,2-Dibromo-3-chloropropane
 Concen: 19.96 ug/L
 RT: 13.735 min Scan# 2336
 Delta R.T. -0.000 min
 Lab File: V17170719A02.D
 Acq: 19 Jul 2017 07:29

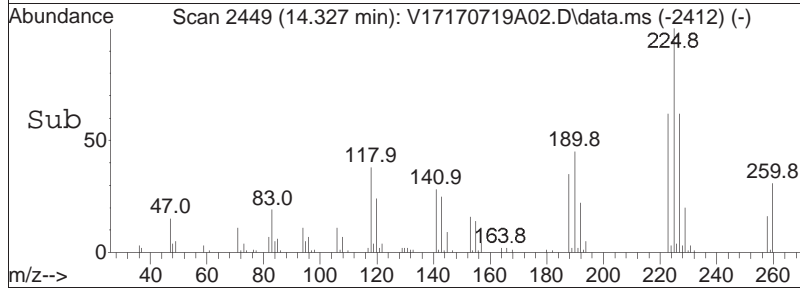
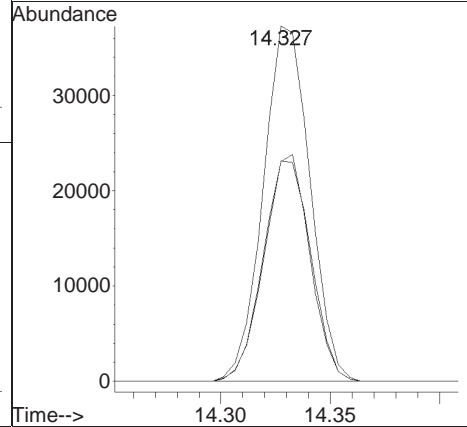
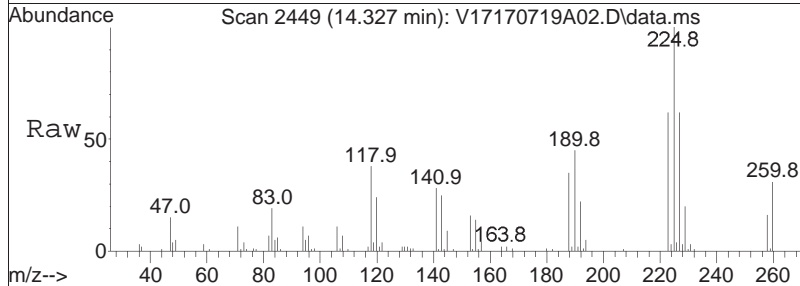
Tgt Ion	Resp	Lower	Upper
155	100		
157	129.1	103.4	155.0

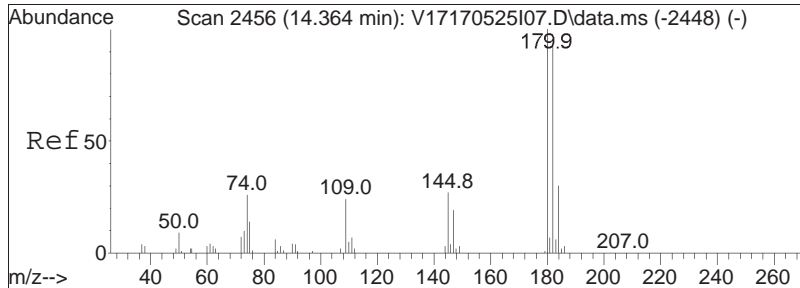




#108
 Hexachlorobutadiene
 Concen: 22.30 ug/L
 RT: 14.327 min Scan# 2449
 Delta R.T. -0.006 min
 Lab File: V17170719A02.D
 Acq: 19 Jul 2017 07:29

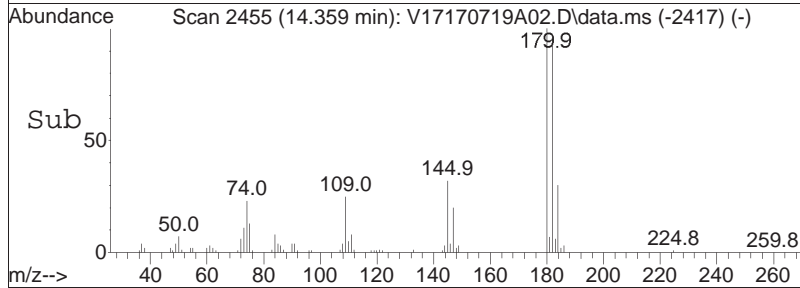
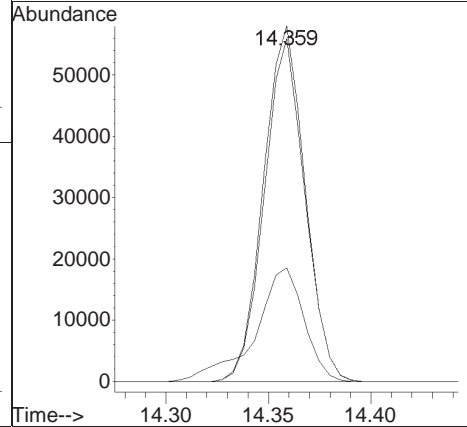
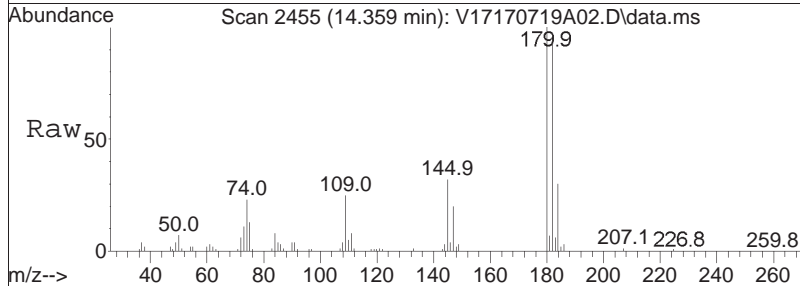
Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.2	75.2
227	63.0	51.5	77.3

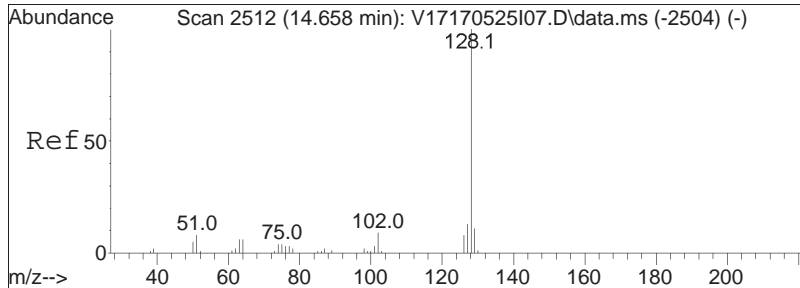




#109
 1,2,4-Trichlorobenzene
 Concen: 20.40 ug/L
 RT: 14.359 min Scan# 2455
 Delta R.T. -0.000 min
 Lab File: V17170719A02.D
 Acq: 19 Jul 2017 07:29

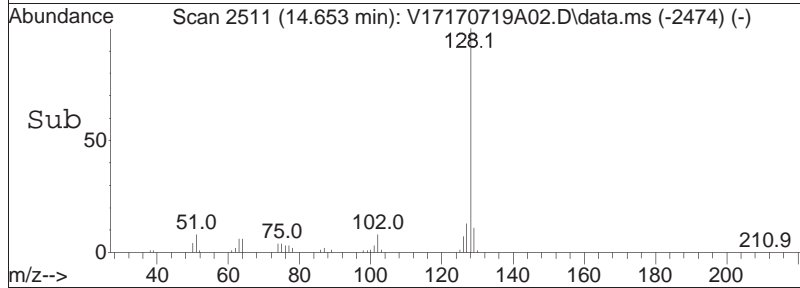
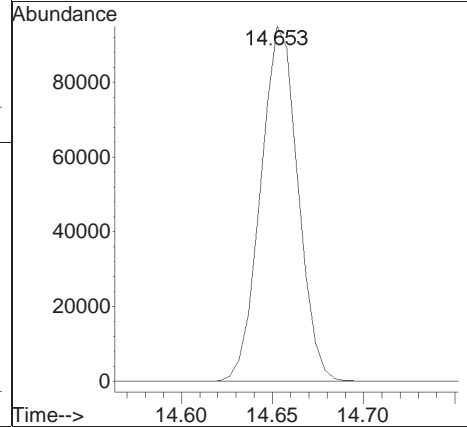
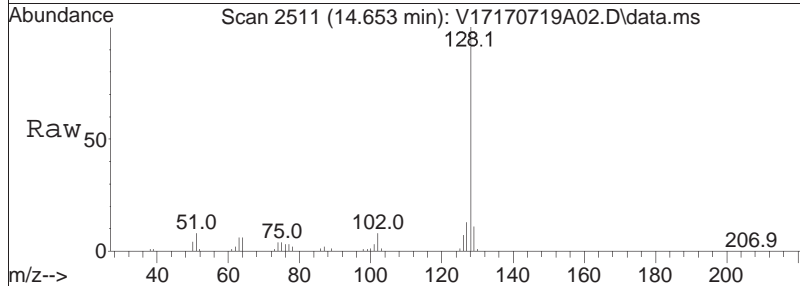
Tgt Ion	Resp	Lower	Upper
180	81649		
180	100		
182	94.2	77.2	115.8
145	37.5	29.0	43.6

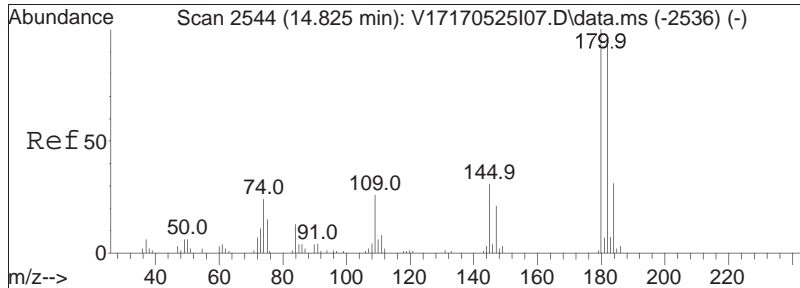




#110
 Naphthalene
 Concen: 19.35 ug/L
 RT: 14.653 min Scan# 2511
 Delta R.T. -0.005 min
 Lab File: V17170719A02.D
 Acq: 19 Jul 2017 07:29

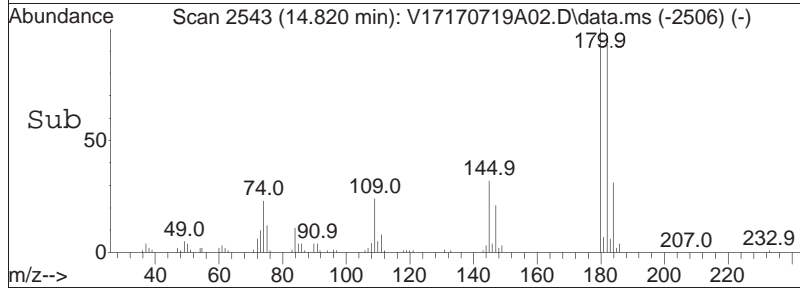
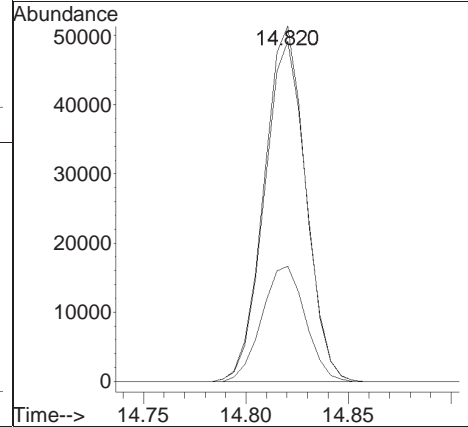
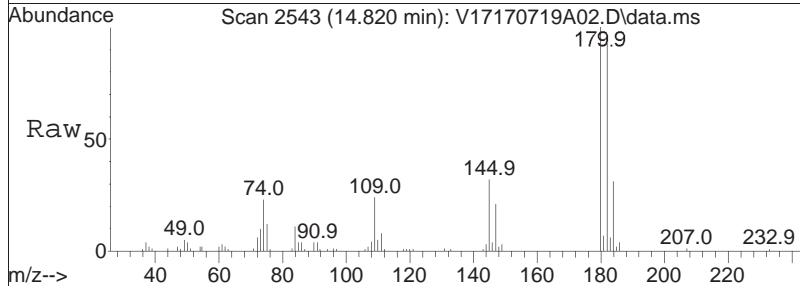
Tgt Ion:128 Resp: 135376





#111
 1,2,3-Trichlorobenzene
 Concen: 20.17 ug/L
 RT: 14.820 min Scan# 2543
 Delta R.T. -0.006 min
 Lab File: V17170719A02.D
 Acq: 19 Jul 2017 07:29

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	72509		
182	95.9		76.7	115.1
145	33.8		25.8	38.8



Manual Integration Report

Data Path : I:\VOLATILES\VOA117\2017\1QMethod : V117_170525_8260.m
Data File : V17170719A02.D Operator : VOA117:CBN
Date Inj'd : 7/19/2017 7:29 Instrument : VOA 117
Sample : WG1023786-9,31h,15,15,0.1 Quant Date : 7/19/2017 8:57 am

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA104\2017\170714A\
 Data File : V04170714A02.D
 Acq On : 14 Jul 2017 8:08
 Operator : VOA104:MV
 Sample : WG1022759-4,31,5,5
 Misc : WG1022759,ICAL13672
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 14 10:02:50 2017
 Quant Method : I:\VOLATILES\VOA104\2017\170714A\V104_170517_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 18 06:45:13 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA104\2017\170714A\V04170714A01.D
 Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Fluorobenzene	5.922	96	117109	20.000	ug/L	0.00
Standard Area 1 = 118675			Recovery =	98.68%		
59) Chlorobenzene-d5	9.441	117	107268	20.000	ug/L	0.00
Standard Area 1 = 108339			Recovery =	99.01%		
79) 1,4-Dichlorobenzene-d4	12.162	152	56393	20.000	ug/L	0.00
Standard Area 1 = 57619			Recovery =	97.87%		
System Monitoring Compounds						
36) Dibromofluoromethane	5.126	113	35650	21.632	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery =	108.16%		
43) 1,2-Dichloroethane-d4	5.650	65	35846	23.737	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery =	118.69%		
60) Toluene-d8	7.595	98	123108	19.729	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery =	98.64%		
83) 4-Bromofluorobenzene	10.945	95	51154	20.648	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery =	103.24%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.628	85	35434	21.826	ug/L	99
3) Chloromethane	1.822	50	59144	22.755	ug/L	97
4) Vinyl chloride	1.885	62	45066	23.527	ug/L	99
5) Bromomethane	2.189	94	23388	20.146	ug/L	98
6) Chloroethane	2.305	64	22381	20.765	ug/L	99
7) Trichlorofluoromethane	2.431	101	60455	24.438	ug/L	100
8) Ethyl ether	2.724	74	16326	19.884	ug/L	83
10) 1,1-Dichloroethene	2.908	96	28961	18.342	ug/L	98
11) Carbon disulfide	2.934	76	176062	25.547	ug/L	99
15) Methylene chloride	3.453	84	36302	18.554	ug/L	91
17) Acetone	3.511	43	10163	25.696	ug/L	90
18) trans-1,2-Dichloroethene	3.600	96	36300	20.404	ug/L	92
20) Methyl tert-butyl ether	3.699	73	57363	12.080	ug/L	94
23) 1,1-Dichloroethane	4.171	63	76191	21.535	ug/L	99
25) Acrylonitrile	4.239	53	12858	23.827	ug/L	97
27) Vinyl acetate	4.412	43	84987	22.639	ug/L	98
28) cis-1,2-Dichloroethene	4.690	96	39813	20.365	ug/L	91
29) 2,2-Dichloropropane	4.779	77	60073	23.143	ug/L	97
30) Bromochloromethane	4.879	128	20041	20.418	ug/L	99
32) Chloroform	4.947	83	72184	22.509	ug/L	99

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA104\2017\170714A\
 Data File : V04170714A02.D
 Acq On : 14 Jul 2017 8:08
 Operator : VOA104:MV
 Sample : WG1022759-4,31,5,5
 Misc : WG1022759,ICAL13672
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 14 10:02:50 2017
 Quant Method : I:\VOLATILES\VOA104\2017\170714A\V104_170517_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 18 06:45:13 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA104\2017\170714A\V04170714A01.D
 Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Carbon tetrachloride	5.068	117	60269	25.756	ug/L	99
37) 1,1,1-Trichloroethane	5.141	97	66156	24.261	ug/L	96
39) 2-Butanone	5.251	43	13789	20.085	ug/L	95
40) 1,1-Dichloropropene	5.257	75	50210	22.364	ug/L	99
41) Benzene	5.503	78	139275	20.761	ug/L	98
44) 1,2-Dichloroethane	5.718	62	59166	24.312	ug/L	99
48) Trichloroethene	6.096	95	40348	22.141	ug/L	100
50) Dibromomethane	6.541	93	22427	20.825	ug/L	96
51) 1,2-Dichloropropane	6.641	63	40302	20.712	ug/L	# 93
54) Bromodichloromethane	6.714	83	52110	21.758	ug/L	100
57) 1,4-Dioxane	6.934	88	16183	1067.666	ug/L	95
58) cis-1,3-Dichloropropene	7.401	75	59180	20.316	ug/L	93
61) Toluene	7.653	92	89503	19.197	ug/L	100
62) 4-Methyl-2-pentanone	8.104	58	12931	18.742	ug/L	75
63) Tetrachloroethene	8.098	166	44934	19.724	ug/L	95
65) trans-1,3-Dichloropropene	8.156	75	53432	19.912	ug/L	95
68) 1,1,2-Trichloroethane	8.340	83	25143	17.926	ug/L	96
69) Chlorodibromomethane	8.544	129	44364	19.735	ug/L	99
70) 1,3-Dichloropropane	8.654	76	50531	18.618	ug/L	100
71) 1,2-Dibromoethane	8.822	107	33636	18.605	ug/L	99
72) 2-Hexanone	9.115	43	22345	19.756	ug/L	91
73) Chlorobenzene	9.462	112	108865	19.048	ug/L	99
74) Ethylbenzene	9.493	91	174224	19.439	ug/L	100
75) 1,1,1,2-Tetrachloroethane	9.545	131	41839	19.375	ug/L	96
76) p/m Xylene	9.682	106	139037	38.308	ug/L	98
77) o Xylene	10.227	106	127312	36.800	ug/L	98
78) Styrene	10.295	104	213866	37.018	ug/L	96
80) Bromoform	10.327	173	25656	17.826	ug/L	98
82) Isopropylbenzene	10.610	105	177783	19.097	ug/L	98
84) Bromobenzene	11.055	156	45800	17.851	ug/L	99
85) n-Propylbenzene	11.097	91	194961	18.872	ug/L	100
87) 1,1,2,2-Tetrachloroethane	11.202	83	33867	16.283	ug/L	99
88) 4-Ethyltoluene	11.223	105	182657	20.359	ug/L	97
89) 2-Chlorotoluene	11.265	91	117642	18.743	ug/L	98
90) 1,3,5-Trimethylbenzene	11.323	105	149531	19.178	ug/L	99
91) 1,2,3-Trichloropropane	11.339	75	27199	17.778	ug/L	95
92) trans-1,4-Dichloro-2-b...	11.396	53	11461	20.001	ug/L	88
93) 4-Chlorotoluene	11.454	91	121159	19.167	ug/L	99
94) tert-Butylbenzene	11.664	119	123532	18.853	ug/L	96

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA104\2017\170714A\
 Data File : V04170714A02.D
 Acq On : 14 Jul 2017 8:08
 Operator : VOA104:MV
 Sample : WG1022759-4,31,5,5
 Misc : WG1022759,ICAL13672
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 14 10:02:50 2017
 Quant Method : I:\VOLATILES\VOA104\2017\170714A\V104_170517_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 18 06:45:13 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA104\2017\170714A\V04170714A01.D
 Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97) 1,2,4-Trimethylbenzene	11.747	105	148464	19.058	ug/L	96
98) sec-Butylbenzene	11.852	105	181852	18.679	ug/L	98
99) p-Isopropyltoluene	12.010	119	163383	19.503	ug/L	97
100) 1,3-Dichlorobenzene	12.088	146	86007	18.320	ug/L	98
101) 1,4-Dichlorobenzene	12.177	146	84741	17.717	ug/L	98
102) p-Diethylbenzene	12.387	119	97029	19.766	ug/L	98
103) n-Butylbenzene	12.445	91	139453	19.092	ug/L	99
104) 1,2-Dichlorobenzene	12.602	146	78817	18.048	ug/L	98
105) 1,2,4,5-Tetramethylben...	13.179	119	157434	19.589	ug/L	96
106) 1,2-Dibromo-3-chloropr...	13.389	155	5855	16.360	ug/L	98
108) Hexachlorobutadiene	13.981	225	32007	19.590	ug/L	100
109) 1,2,4-Trichlorobenzene	14.012	180	56578	17.543	ug/L	98
110) Naphthalene	14.306	128	119535	17.238	ug/L	100
111) 1,2,3-Trichlorobenzene	14.474	180	53938	18.054	ug/L	97

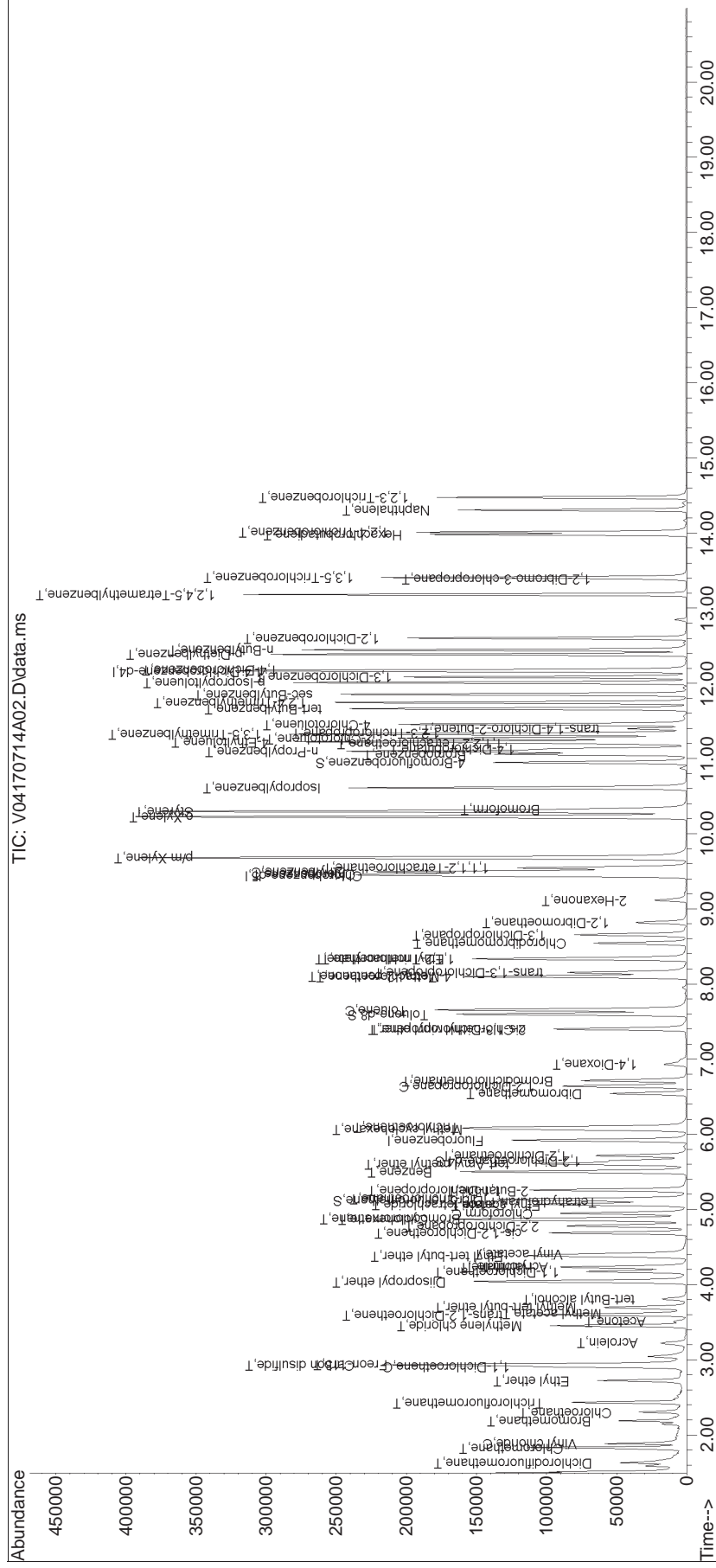
(#) = qualifier out of range (m) = manual integration (+) = signals summed

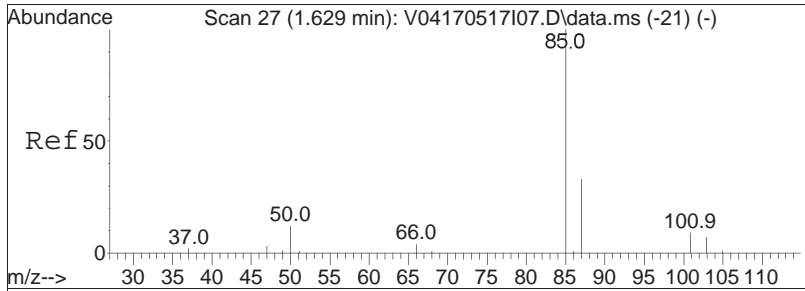
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA104\2017\170714A\
 Data File : V04170714A02.D
 Acq On : 14 Jul 2017 8:08
 Operator : VOA104:MV
 Sample : WG1022759-4,31,5,5
 Misc : WG1022759,ICAL13672
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 14 10:02:50 2017
 Quant Method : I:\VOLATILES\VOA104\2017\170714A\V104_170517_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 18 06:45:13 2017
 Response via : Initial Calibration

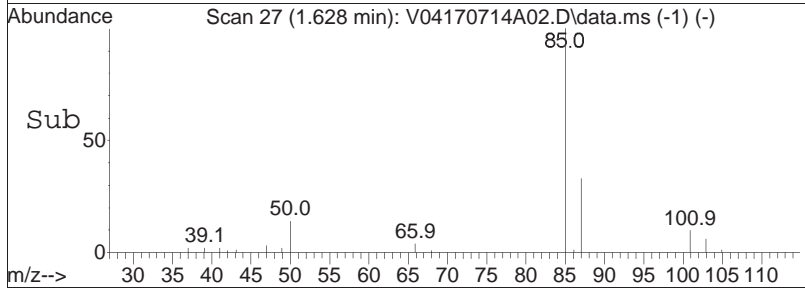
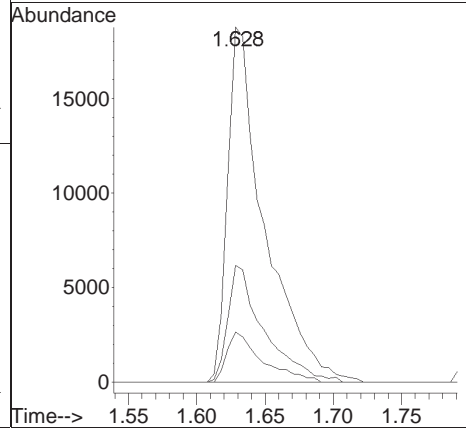
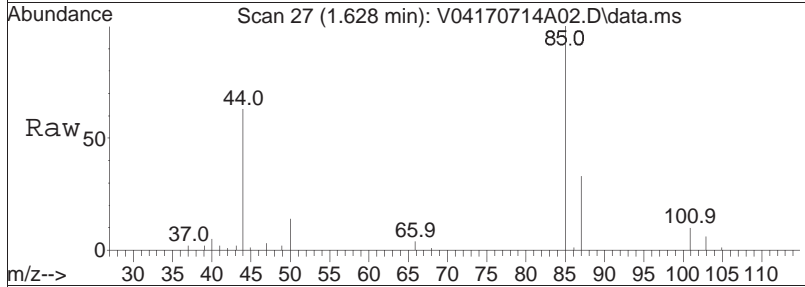
Sub List : 8260-CurveSoil - Megamix plus Diox4A\V04170714A01.D•

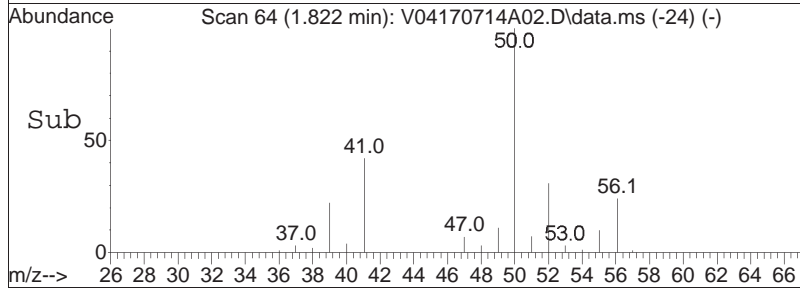
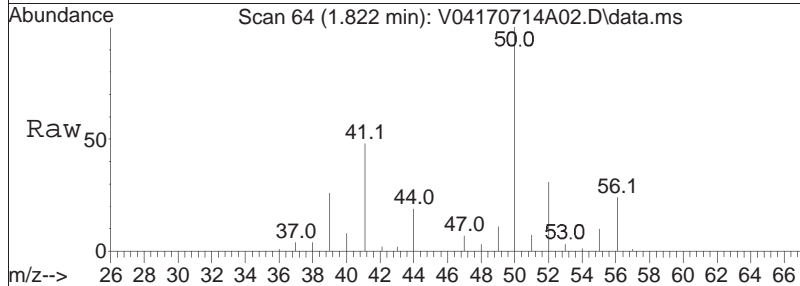
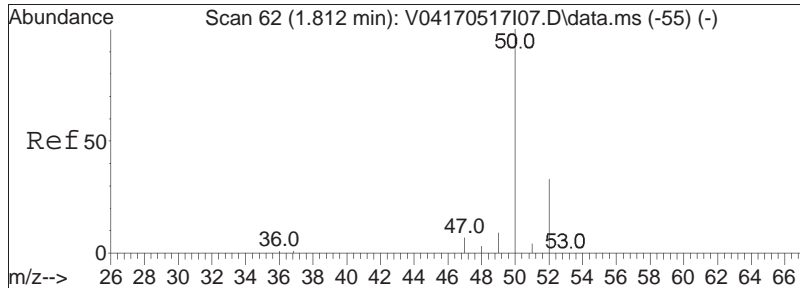




#2
 Dichlorodifluoromethane
 Concen: 21.83 ug/L
 RT: 1.628 min Scan# 27
 Delta R.T. -0.001 min
 Lab File: V04170714A02.D
 Acq: 14 Jul 2017 8:08

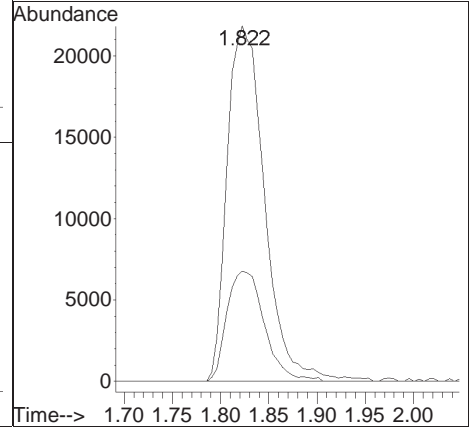
Tgt Ion	Resp	Lower	Upper
85	35434		
87	32.3	20.9	43.5
50	13.6	9.6	20.0

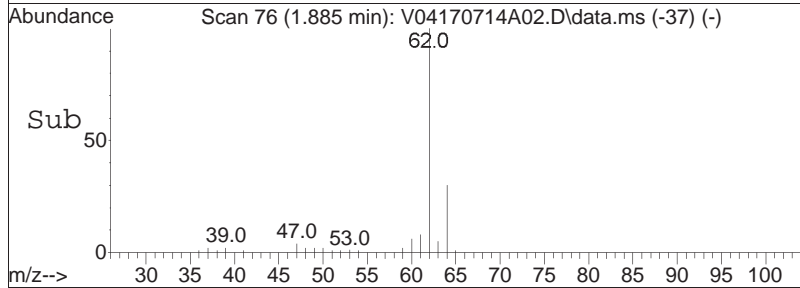
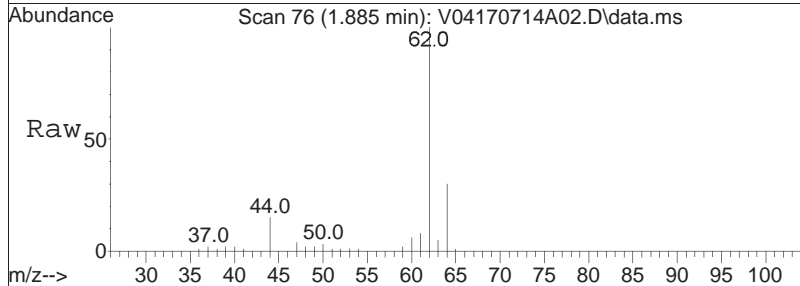
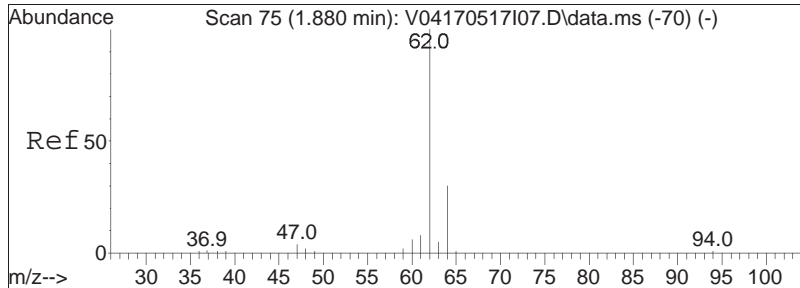




#3
 Chloromethane
 Concen: 22.76 ug/L
 RT: 1.822 min Scan# 64
 Delta R.T. 0.010 min
 Lab File: V04170714A02.D
 Acq: 14 Jul 2017 8:08

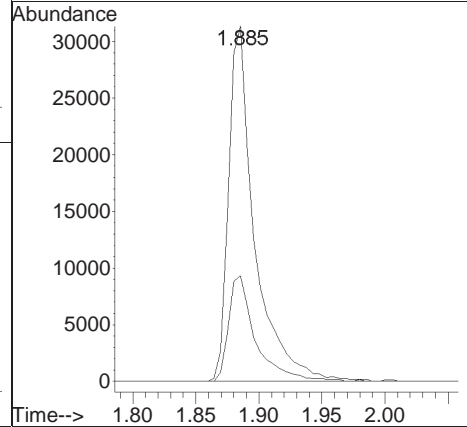
Tgt Ion: 50 Resp: 59144
 Ion Ratio Lower Upper
 50 100
 52 30.9 12.7 52.7

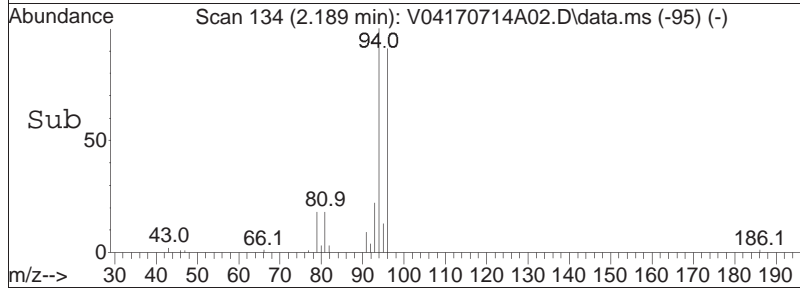
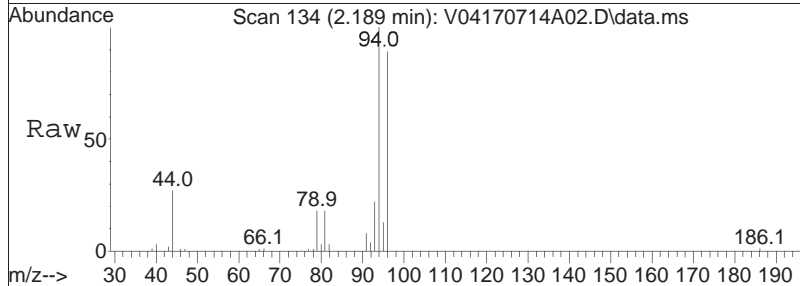
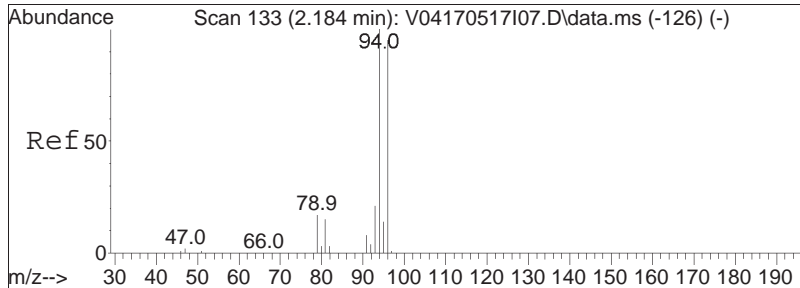




#4
 Vinyl chloride
 Concen: 23.53 ug/L
 RT: 1.885 min Scan# 76
 Delta R.T. 0.005 min
 Lab File: V04170714A02.D
 Acq: 14 Jul 2017 8:08

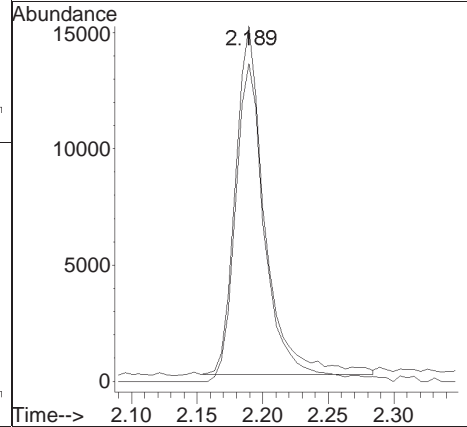
Tgt Ion:	Resp:	Lower	Upper
62	100		
64	30.9	11.5	51.5

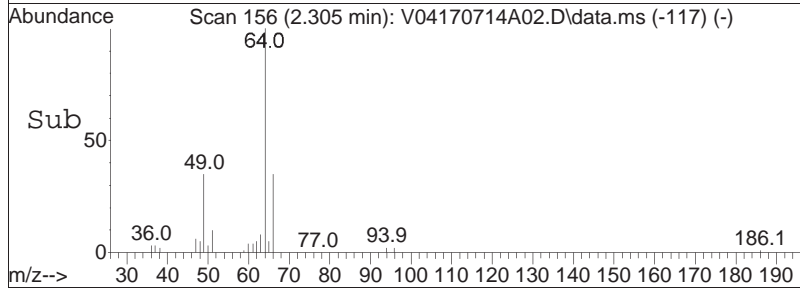
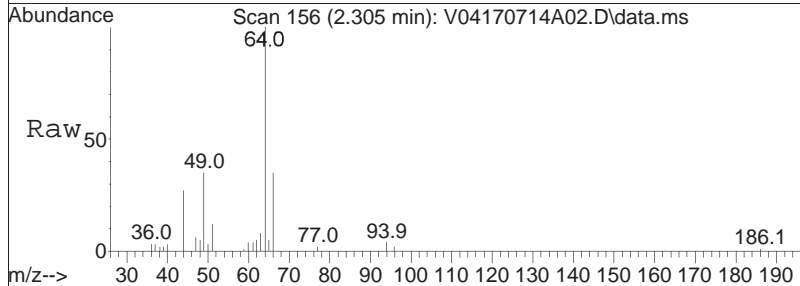
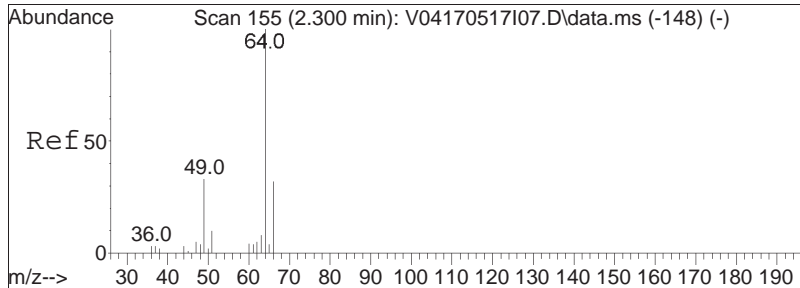




#5
 Bromomethane
 Concen: 20.15 ug/L
 RT: 2.189 min Scan# 134
 Delta R.T. 0.005 min
 Lab File: V04170714A02.D
 Acq: 14 Jul 2017 8:08

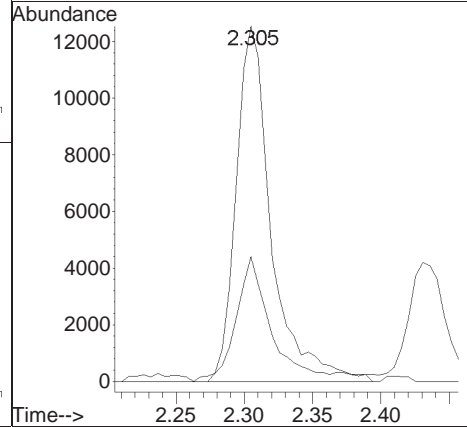
Tgt Ion:	94	96	Resp:	23388	Lower	Upper
Ion Ratio	100	92.5			74.7	114.7

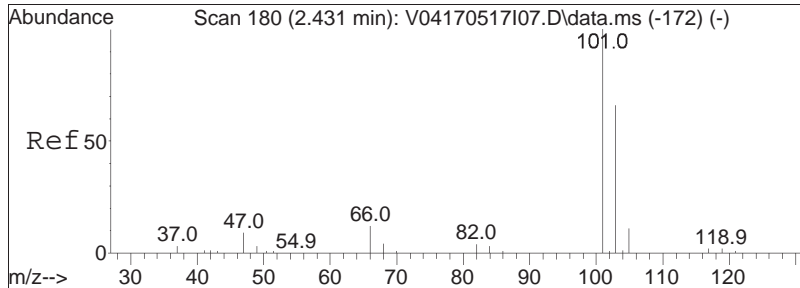




#6
 Chloroethane
 Concen: 20.76 ug/L
 RT: 2.305 min Scan# 156
 Delta R.T. 0.005 min
 Lab File: V04170714A02.D
 Acq: 14 Jul 2017 8:08

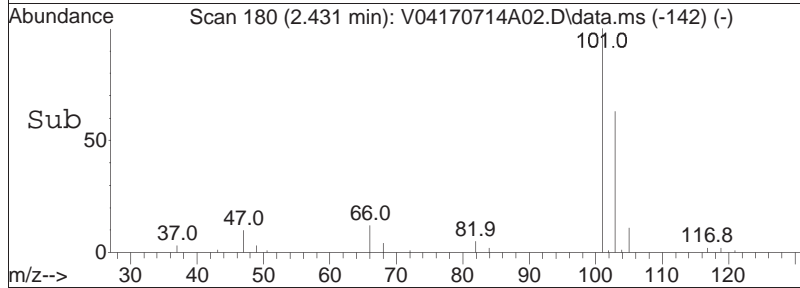
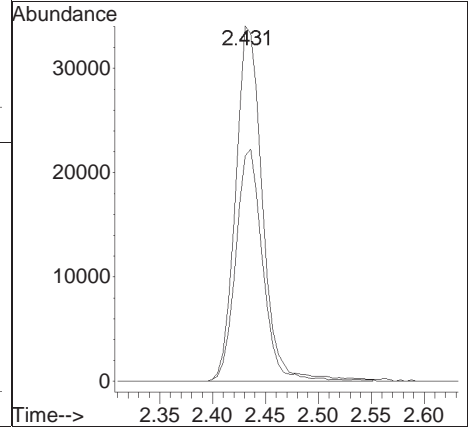
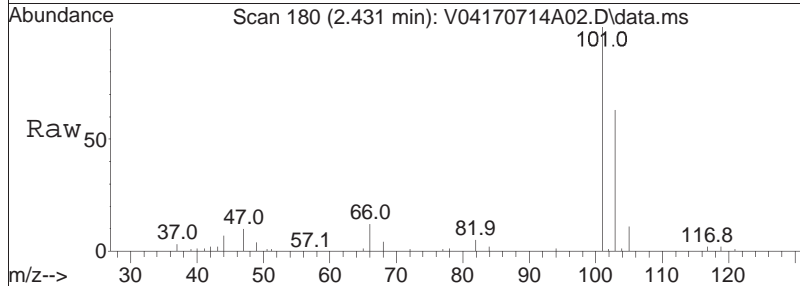
Tgt Ion:	64	Resp:	22381
Ion Ratio	100	Lower	Upper
66	34.5	14.8	54.8

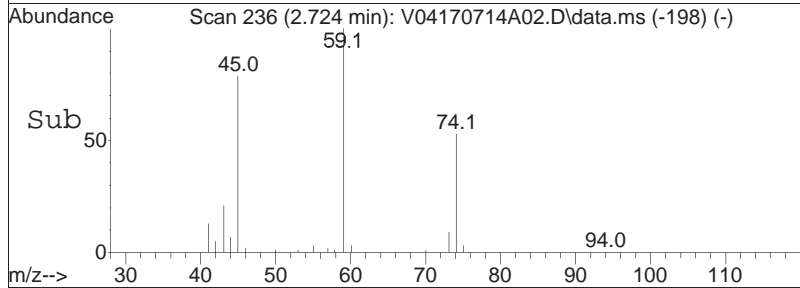
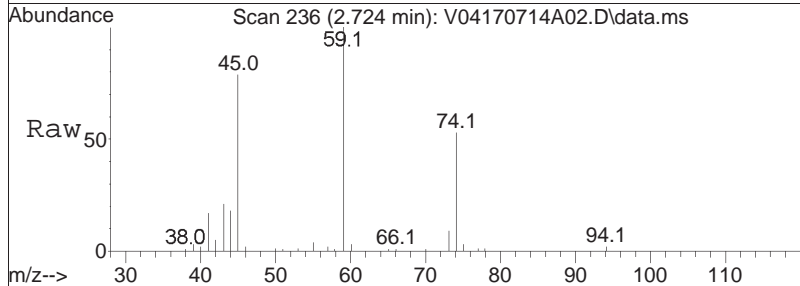
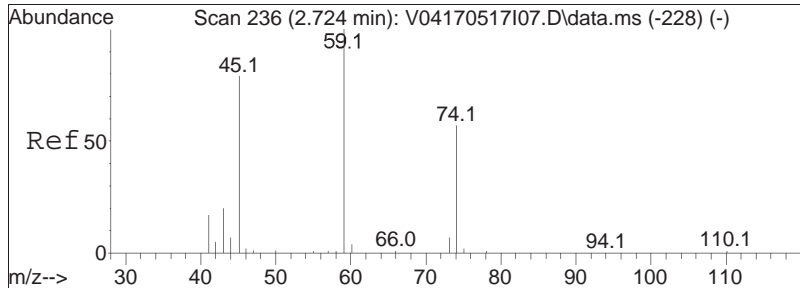




#7
 Trichlorofluoromethane
 Concen: 24.44 ug/L
 RT: 2.431 min Scan# 180
 Delta R.T. -0.000 min
 Lab File: V04170714A02.D
 Acq: 14 Jul 2017 8:08

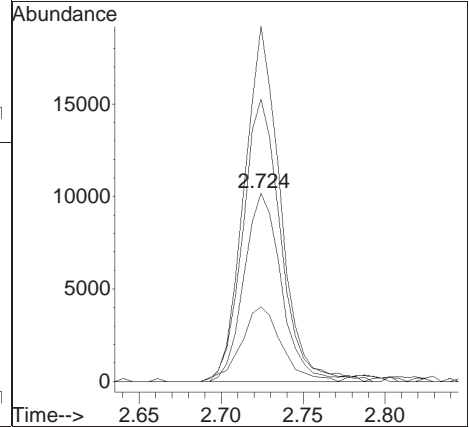
Tgt Ion: 101 Resp: 60455
 Ion Ratio Lower Upper
 101 100
 103 65.2 52.0 78.0

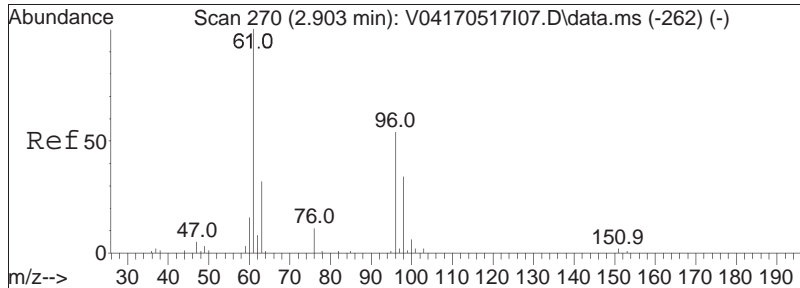




#8
 Ethyl ether
 Concen: 19.88 ug/L
 RT: 2.724 min Scan# 236
 Delta R.T. 0.000 min
 Lab File: V04170714A02.D
 Acq: 14 Jul 2017 8:08

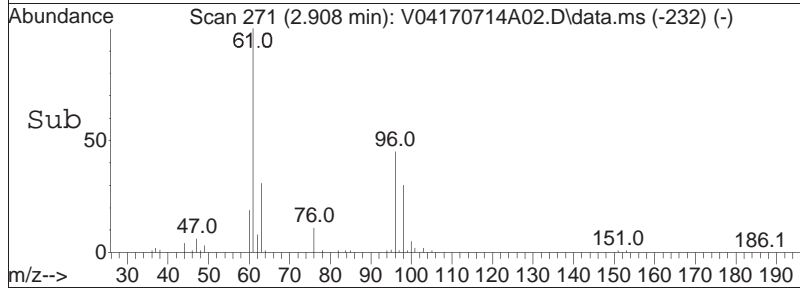
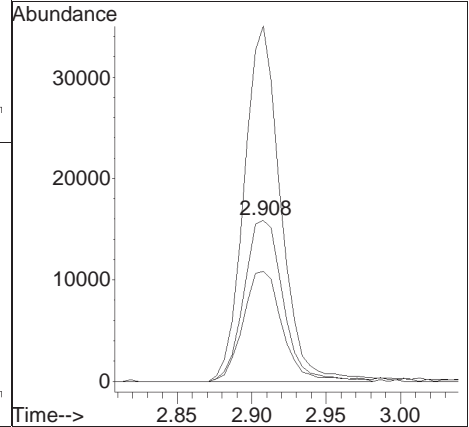
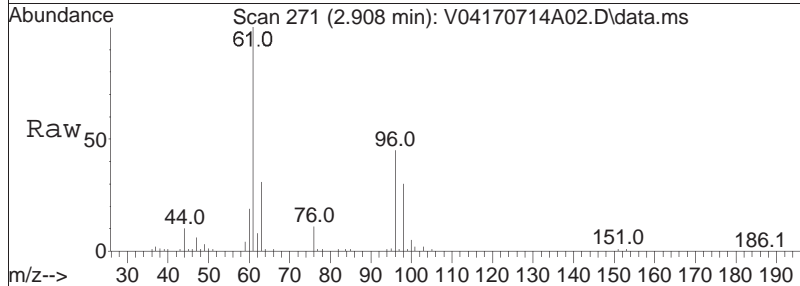
Tgt Ion:	Resp:		
Ion	Ratio	Lower	Upper
74	100		
59	181.8	113.7	236.1
45	150.3	72.8	151.2
43	42.2	21.2	44.0

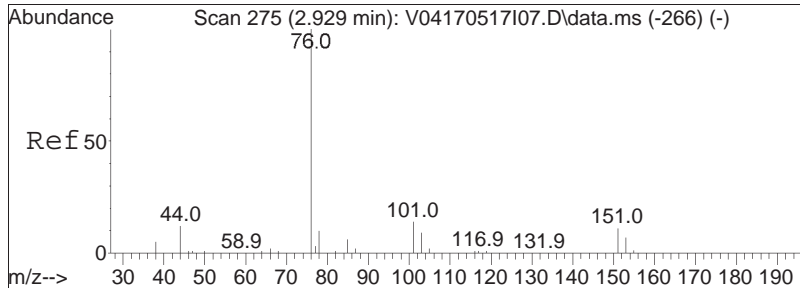




#10
 1,1-Dichloroethene
 Concen: 18.34 ug/L
 RT: 2.908 min Scan# 271
 Delta R.T. 0.005 min
 Lab File: V04170714A02.D
 Acq: 14 Jul 2017 8:08

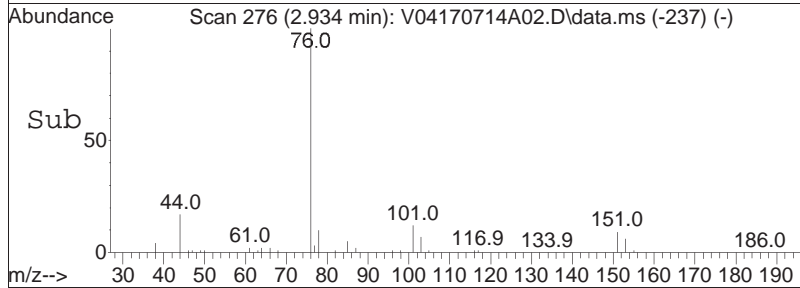
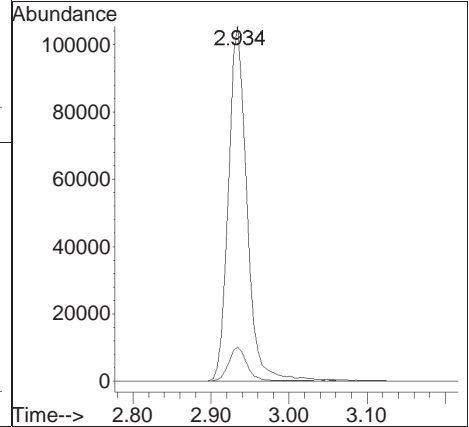
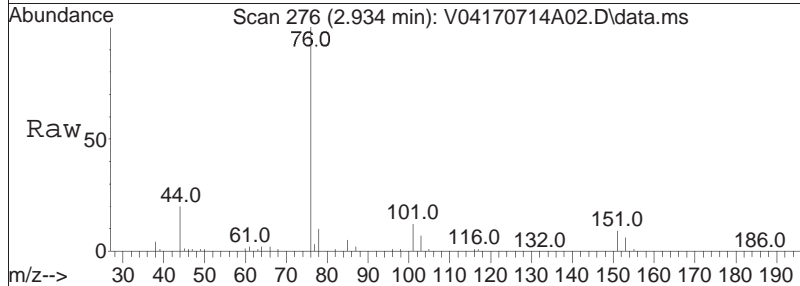
Tgt Ion:	96	Resp:	28961
Ion Ratio	Lower	Upper	
96	100		
61	209.2	165.8	248.8
63	68.9	52.0	78.0

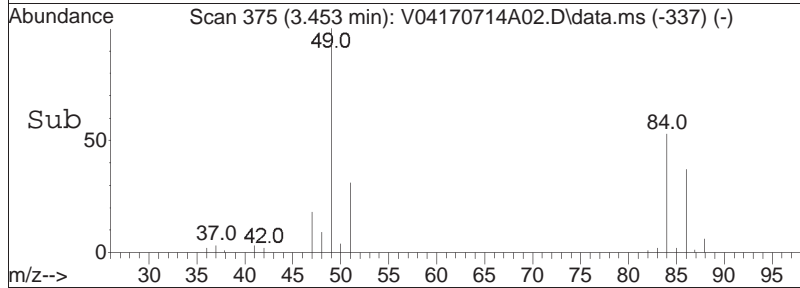
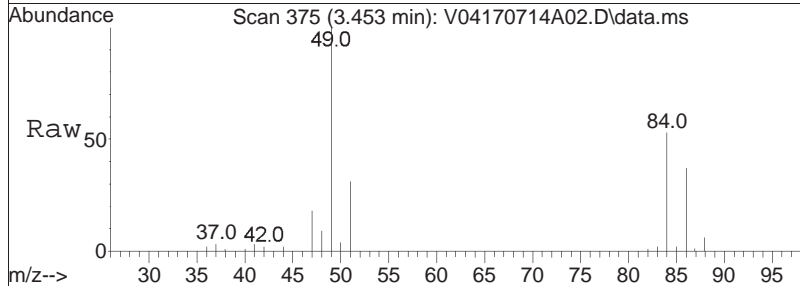
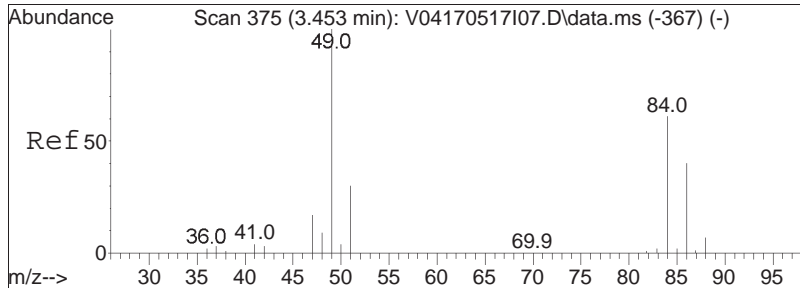




#11
 Carbon disulfide
 Concen: 25.55 ug/L
 RT: 2.934 min Scan# 276
 Delta R.T. 0.005 min
 Lab File: V04170714A02.D
 Acq: 14 Jul 2017 8:08

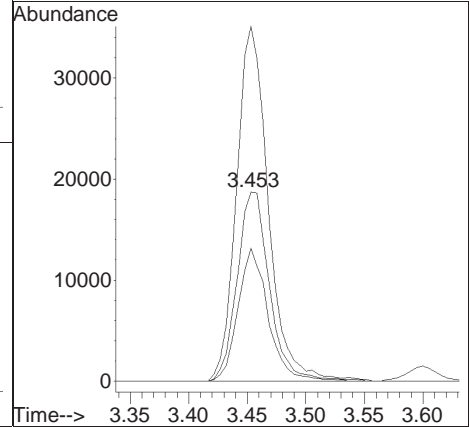
Tgt Ion: 76 Resp: 176062
 Ion Ratio Lower Upper
 76 100
 78 9.5 6.5 13.5

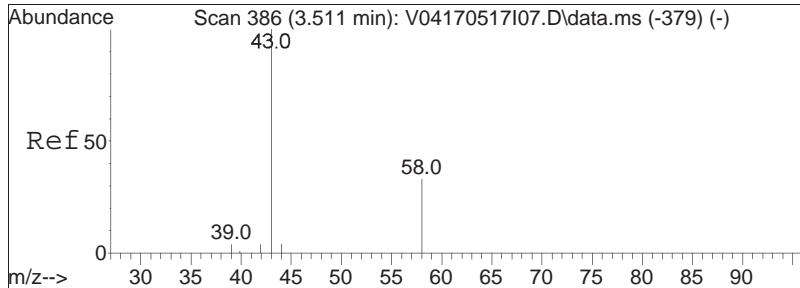




#15
 Methylene chloride
 Concen: 18.55 ug/L
 RT: 3.453 min Scan# 375
 Delta R.T. 0.000 min
 Lab File: V04170714A02.D
 Acq: 14 Jul 2017 8:08

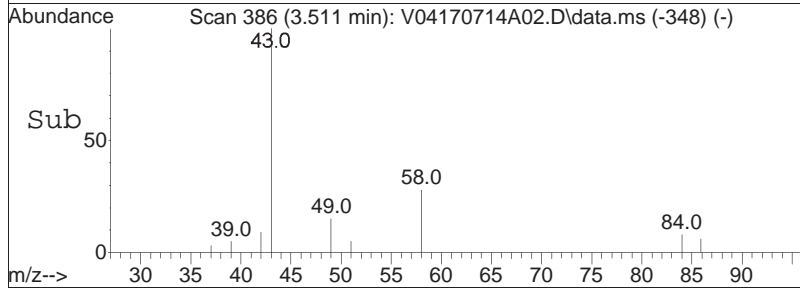
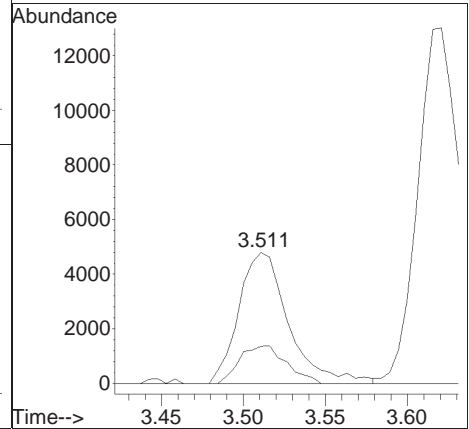
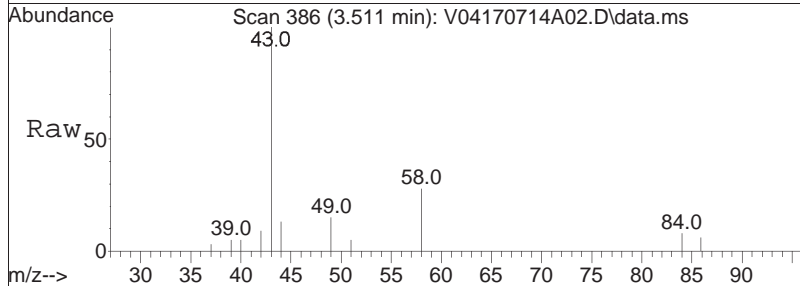
Tgt Ion:	84	Resp:	36302
Ion Ratio	Lower	Upper	
84	100		
86	65.4	41.3	85.9
49	183.0	109.1	226.7

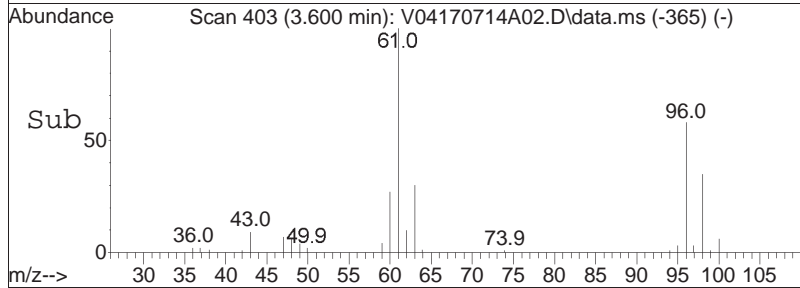
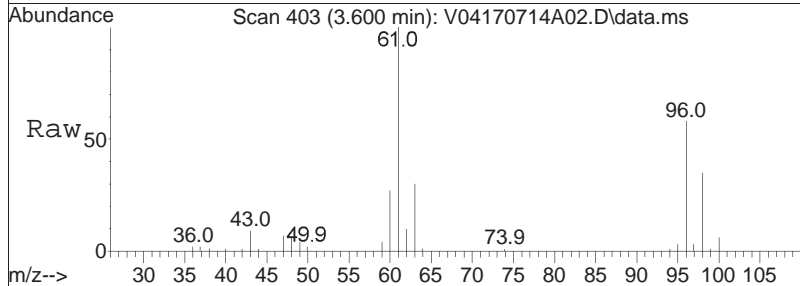
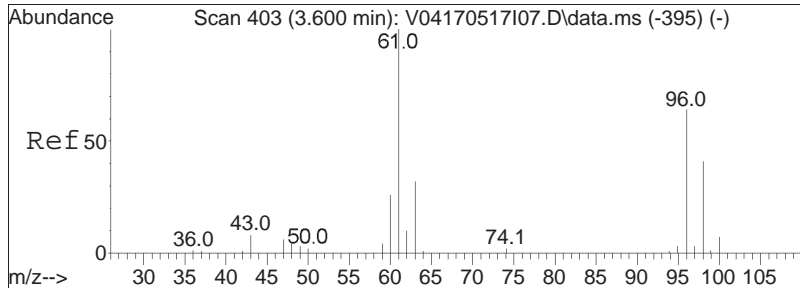




#17
 Acetone
 Concen: 25.70 ug/L
 RT: 3.511 min Scan# 386
 Delta R.T. -0.000 min
 Lab File: V04170714A02.D
 Acq: 14 Jul 2017 8:08

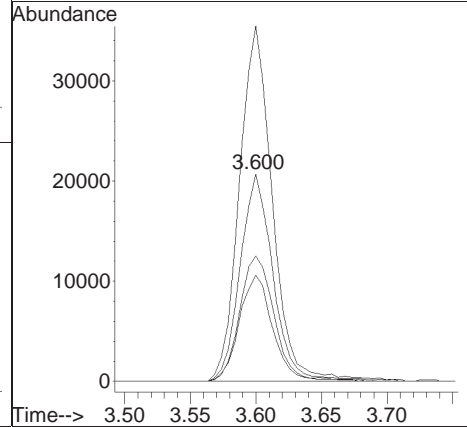
Tgt Ion	Resp	Lower	Upper
43	10163		
58	26.9	26.0	39.0

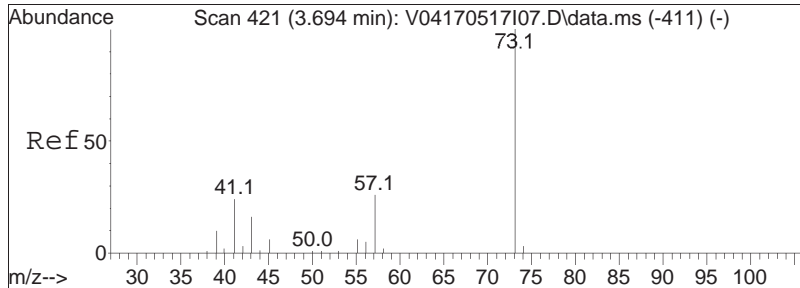




#18
 trans-1,2-Dichloroethene
 Concen: 20.40 ug/L
 RT: 3.600 min Scan# 403
 Delta R.T. -0.000 min
 Lab File: V04170714A02.D
 Acq: 14 Jul 2017 8:08

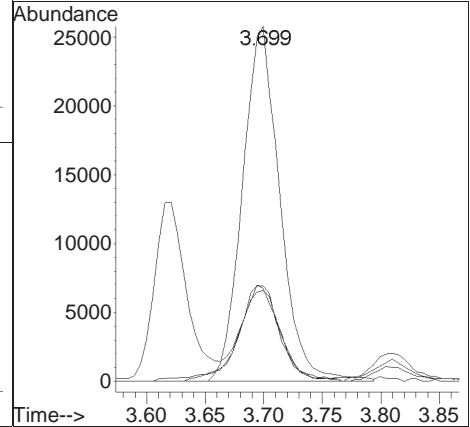
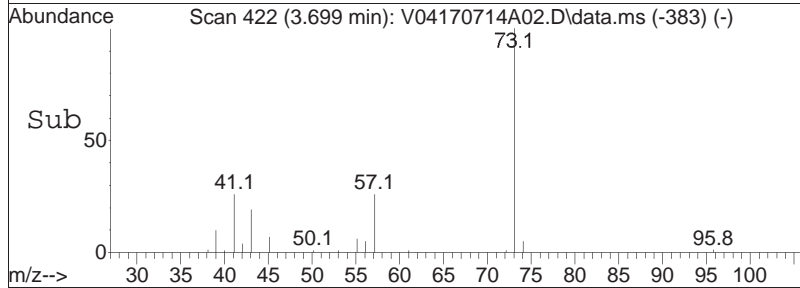
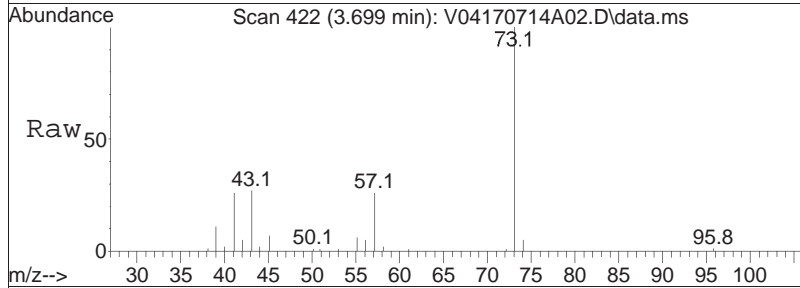
Tgt Ion:	Resp:		
Ion	Ratio	Lower	Upper
96	100		
61	171.8	122.6	254.6
98	63.5	41.6	86.4
63	52.5	37.6	78.0

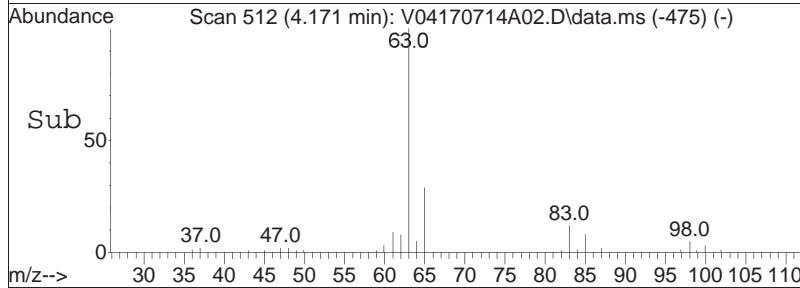
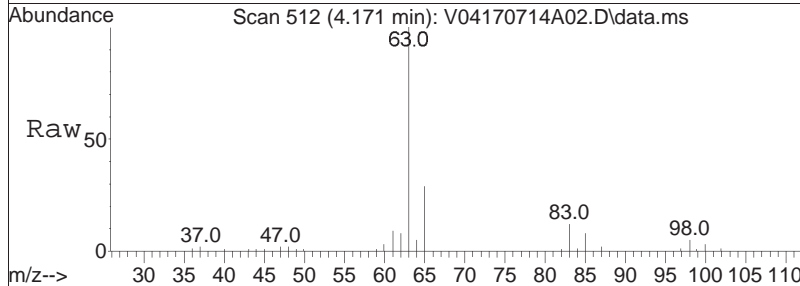
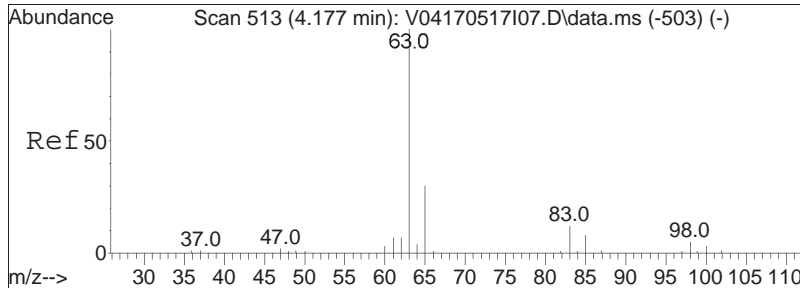




#20
 Methyl tert-butyl ether
 Concen: 12.08 ug/L
 RT: 3.699 min Scan# 422
 Delta R.T. 0.005 min
 Lab File: V04170714A02.D
 Acq: 14 Jul 2017 8:08

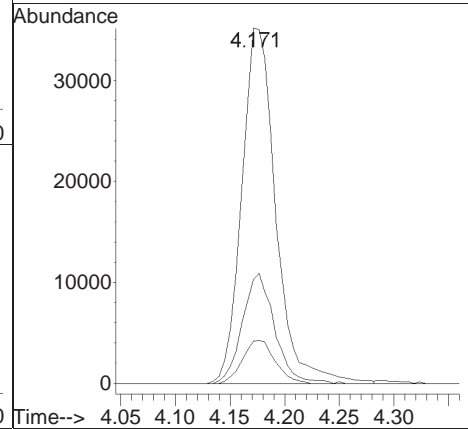
Tgt Ion	Resp	Lower	Upper
73	100		
57	29.2	20.9	43.3
43	28.1	16.4	34.2
41	29.8	17.2	35.8

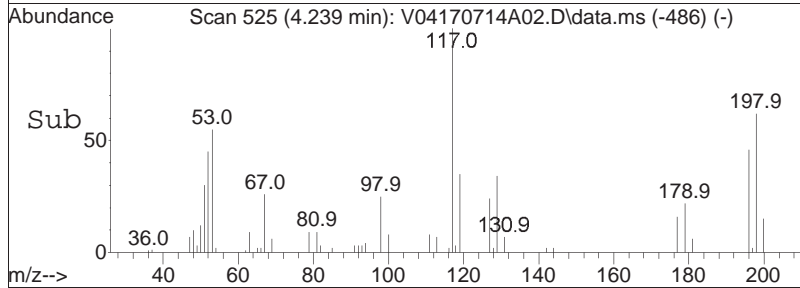
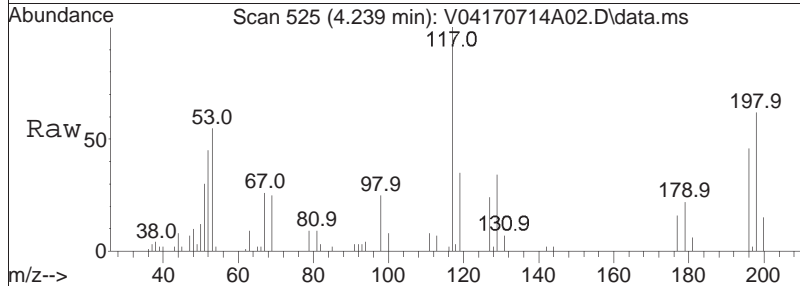
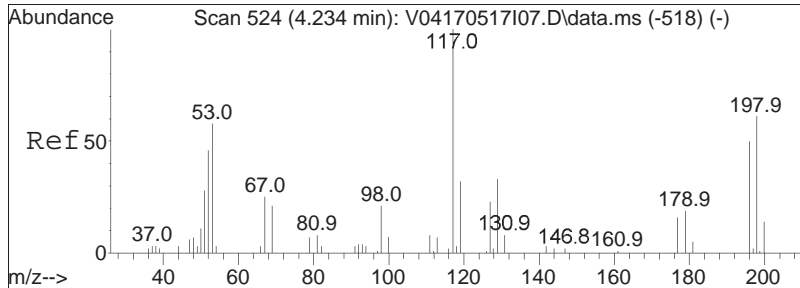




#23
 1,1-Dichloroethane
 Concen: 21.53 ug/L
 RT: 4.171 min Scan# 512
 Delta R.T. -0.006 min
 Lab File: V04170714A02.D
 Acq: 14 Jul 2017 8:08

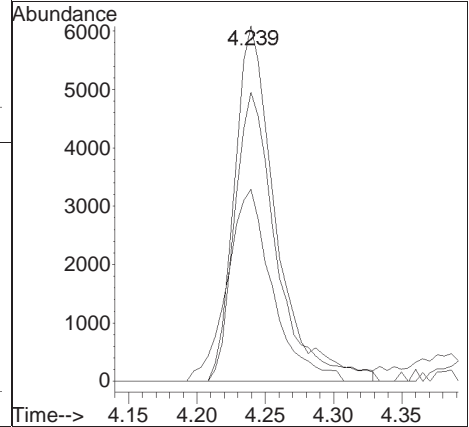
Tgt Ion:	Resp:		
Ion	Ratio	Lower	Upper
63	100		
65	29.3	9.4	49.4
83	11.6	0.0	30.4

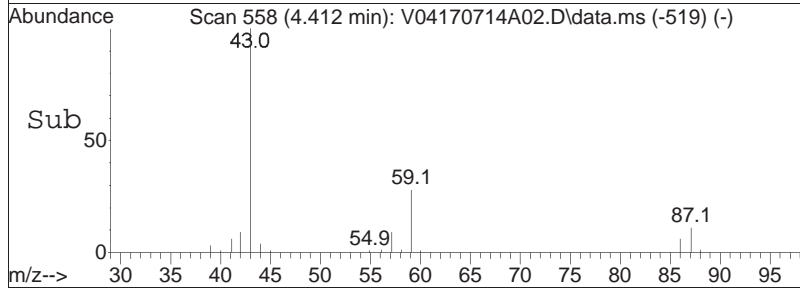
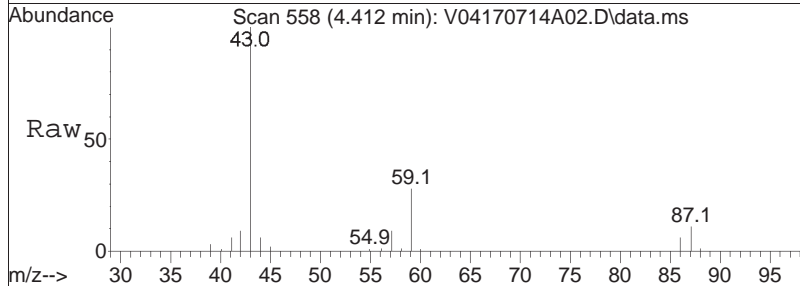
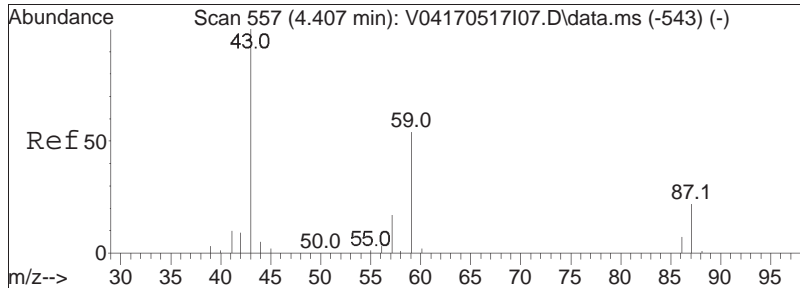




#25
 Acrylonitrile
 Concen: 23.83 ug/L
 RT: 4.239 min Scan# 525
 Delta R.T. 0.005 min
 Lab File: V04170714A02.D
 Acq: 14 Jul 2017 8:08

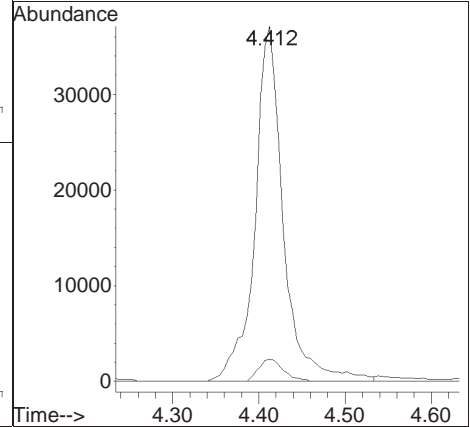
Tgt Ion:	Resp:		
Ion	Ratio	Lower	Upper
53	100		
52	82.5	67.2	100.8
51	59.1	43.7	65.5

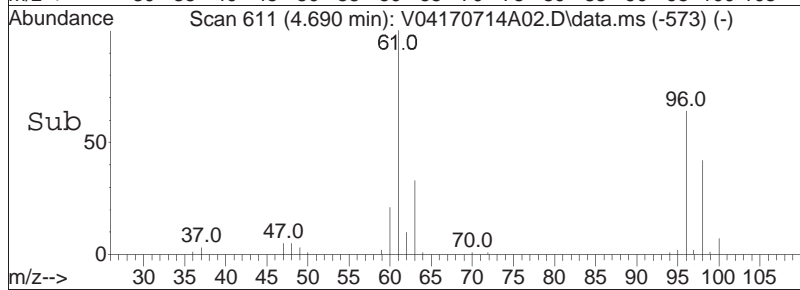
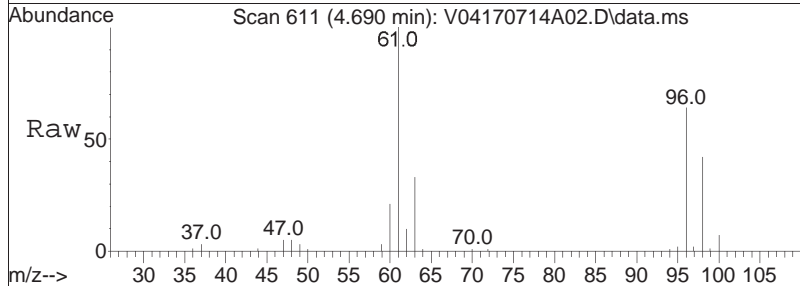
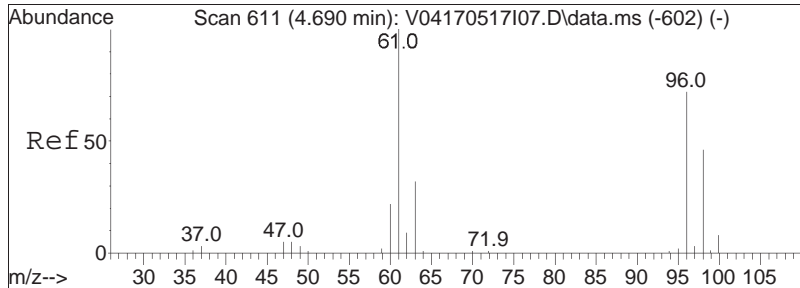




#27
 Vinyl acetate
 Concen: 22.64 ug/L
 RT: 4.412 min Scan# 558
 Delta R.T. 0.005 min
 Lab File: V04170714A02.D
 Acq: 14 Jul 2017 8:08

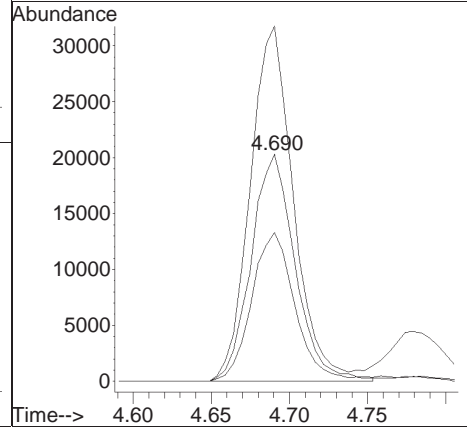
Tgt Ion:	43	Resp:	84987
Ion Ratio	100	Lower	Upper
86	5.5	4.9	7.3

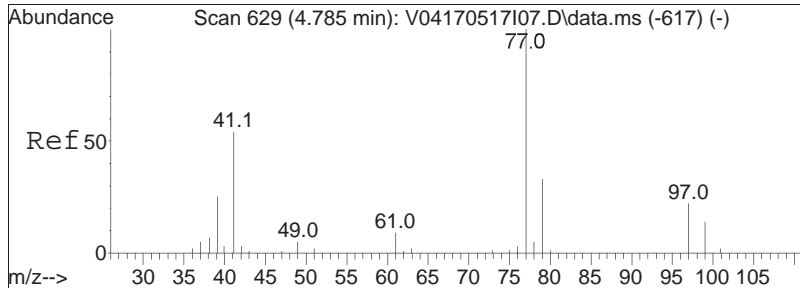




#28
 cis-1,2-Dichloroethene
 Concen: 20.37 ug/L
 RT: 4.690 min Scan# 611
 Delta R.T. 0.000 min
 Lab File: V04170714A02.D
 Acq: 14 Jul 2017 8:08

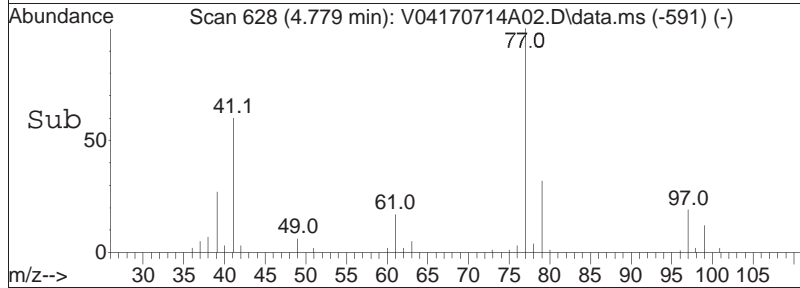
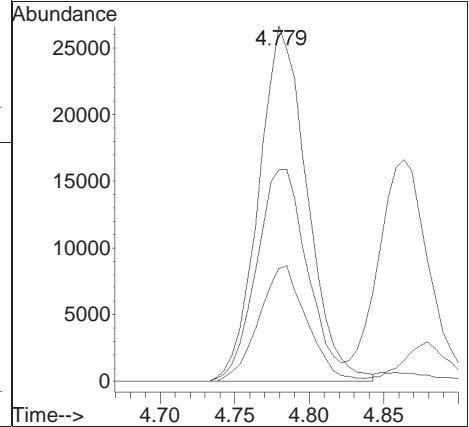
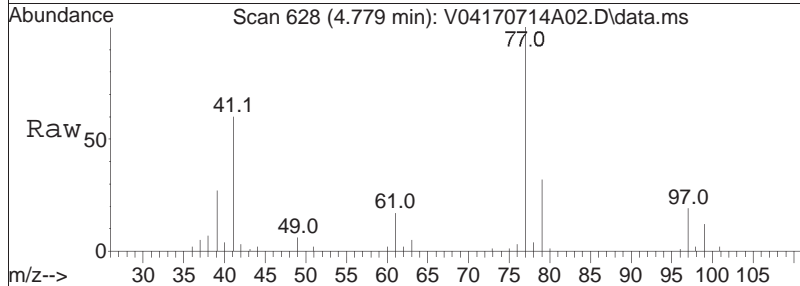
Tgt Ion:	96	61	98	Resp:	39813	Lower	Upper
Ion Ratio	100	152.8	64.8			135.0	202.4
						51.5	77.3

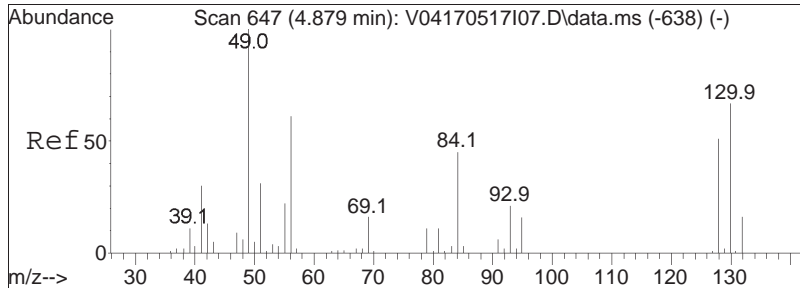




#29
 2,2-Dichloropropane
 Concen: 23.14 ug/L
 RT: 4.779 min Scan# 628
 Delta R.T. -0.006 min
 Lab File: V04170714A02.D
 Acq: 14 Jul 2017 8:08

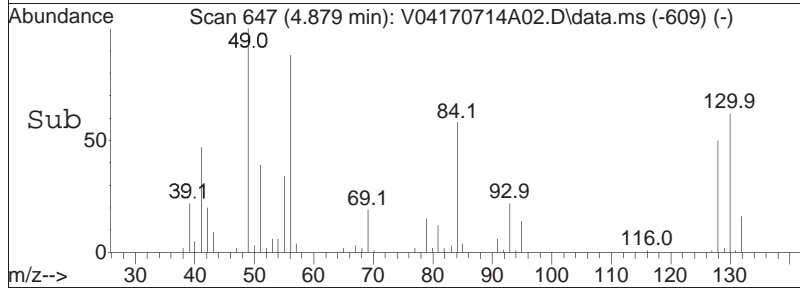
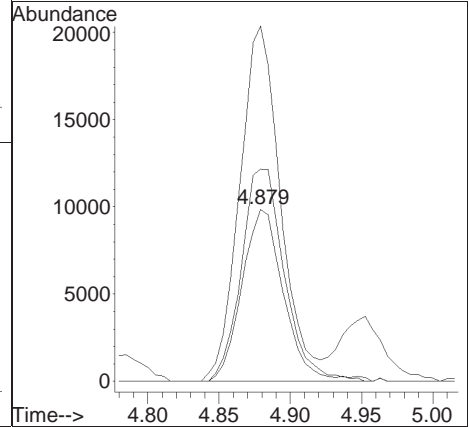
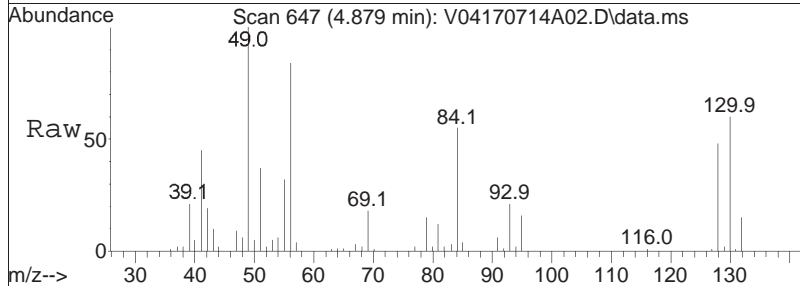
Tgt Ion	Resp	Lower	Upper
77	100		
41	62.7	38.5	80.1
79	32.3	20.9	43.5

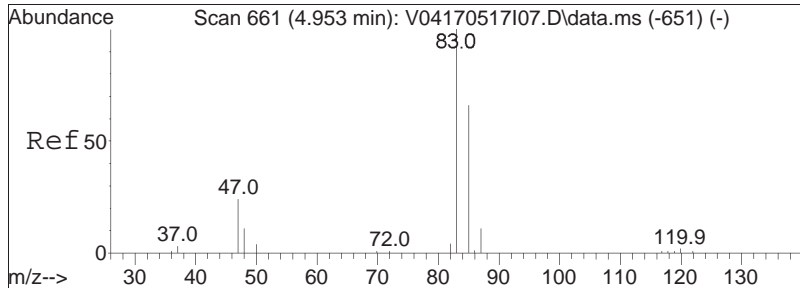




#30
 Bromochloromethane
 Concen: 20.42 ug/L
 RT: 4.879 min Scan# 647
 Delta R.T. 0.000 min
 Lab File: V04170714A02.D
 Acq: 14 Jul 2017 8:08

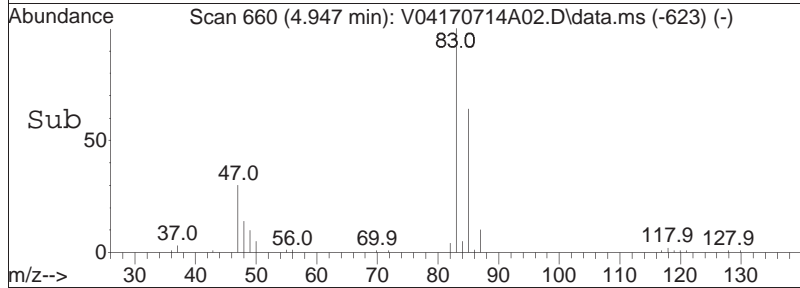
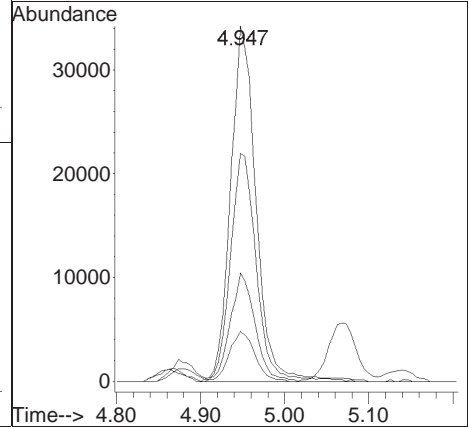
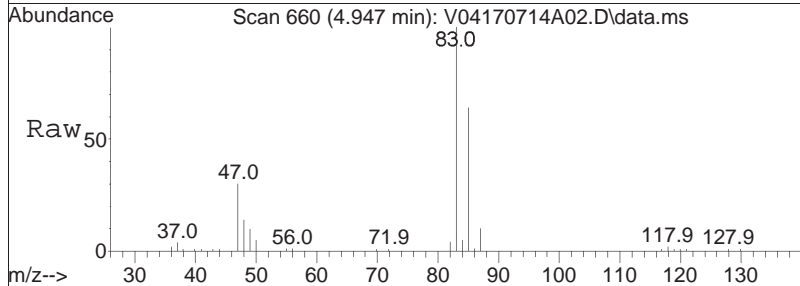
Tgt Ion	Resp	Lower	Upper
128	100		
49	202.2	163.8	245.8
130	129.0	102.3	153.5

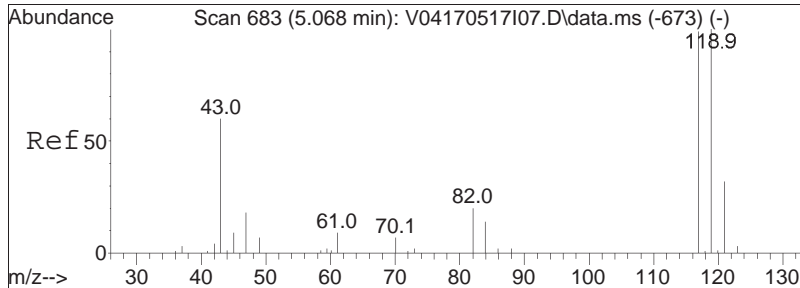




#32
 Chloroform
 Concen: 22.51 ug/L
 RT: 4.947 min Scan# 660
 Delta R.T. -0.006 min
 Lab File: V04170714A02.D
 Acq: 14 Jul 2017 8:08

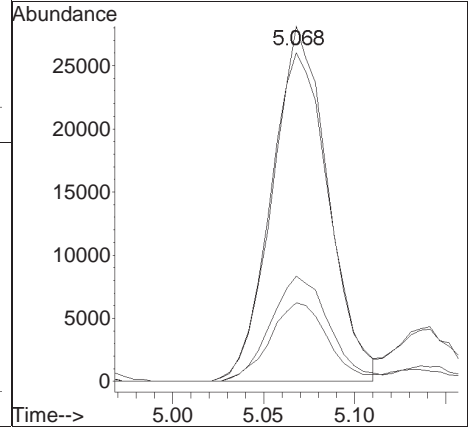
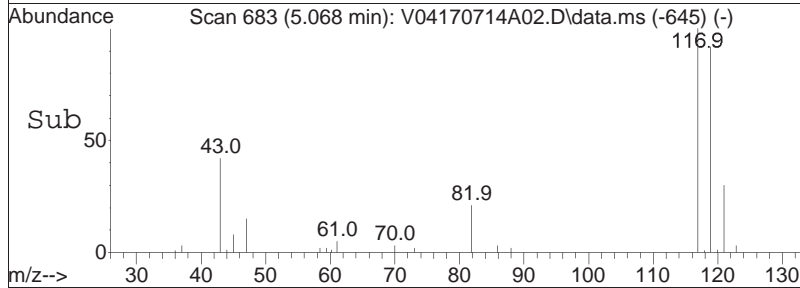
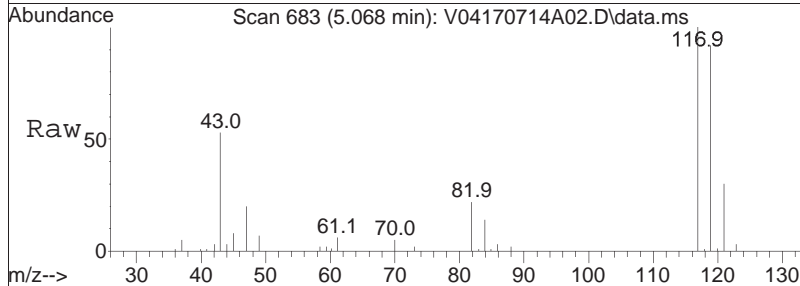
Tgt Ion	Resp	Lower	Upper
83	72184		
85	64.7	42.1	87.3
47	29.6	18.5	38.3
48	14.0	8.6	18.0

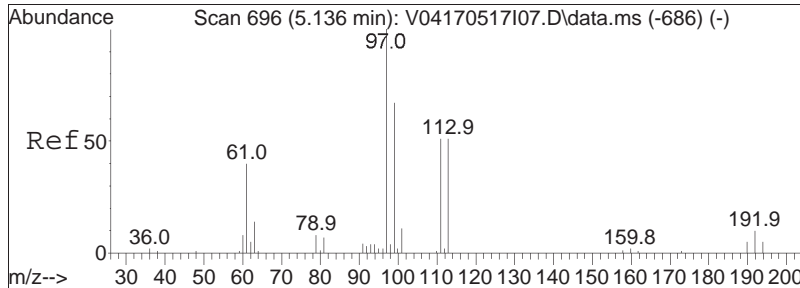




#34
 Carbon tetrachloride
 Concen: 25.76 ug/L
 RT: 5.068 min Scan# 683
 Delta R.T. -0.000 min
 Lab File: V04170714A02.D
 Acq: 14 Jul 2017 8:08

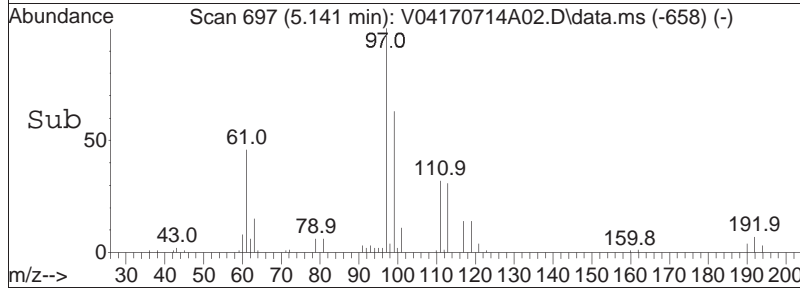
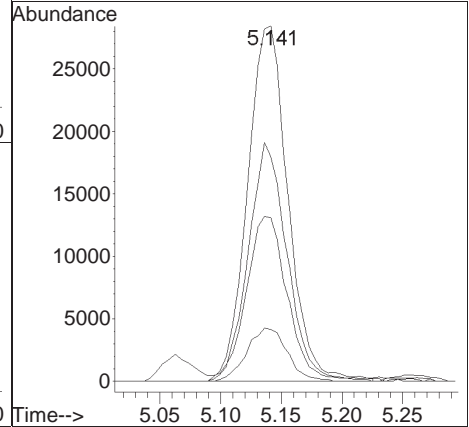
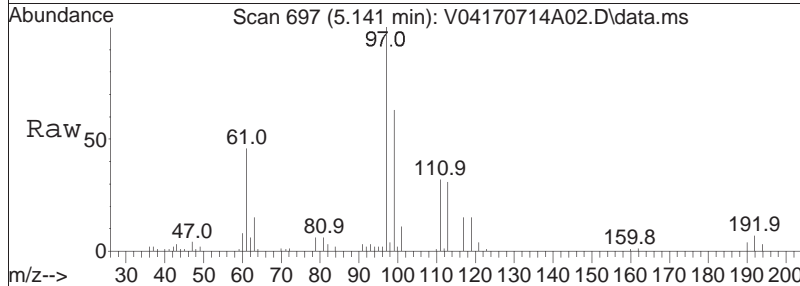
Tgt Ion	Resp	Lower	Upper
117	60269		
117	100		
119	96.0	62.7	130.3
121	31.1	20.2	41.9
82	23.3	14.4	29.8

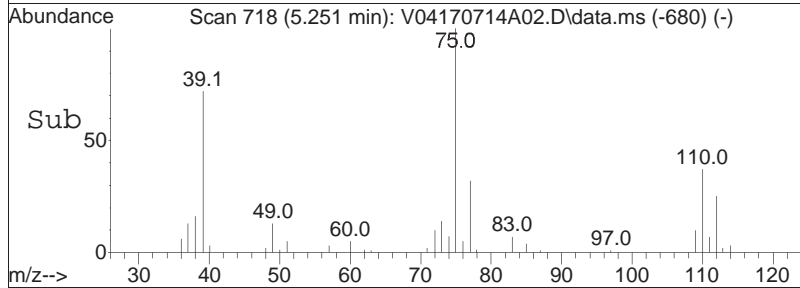
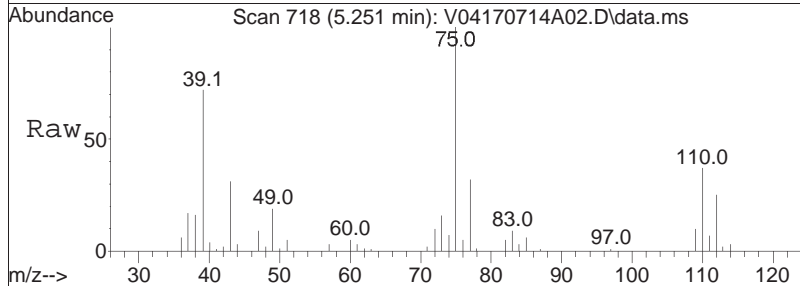
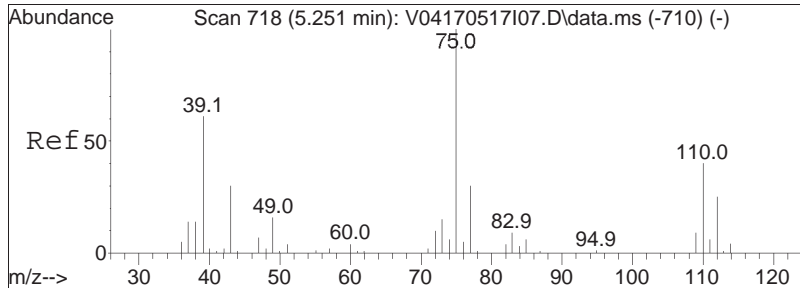




#37
 1,1,1-Trichloroethane
 Concen: 24.26 ug/L
 RT: 5.141 min Scan# 697
 Delta R.T. 0.005 min
 Lab File: V04170714A02.D
 Acq: 14 Jul 2017 8:08

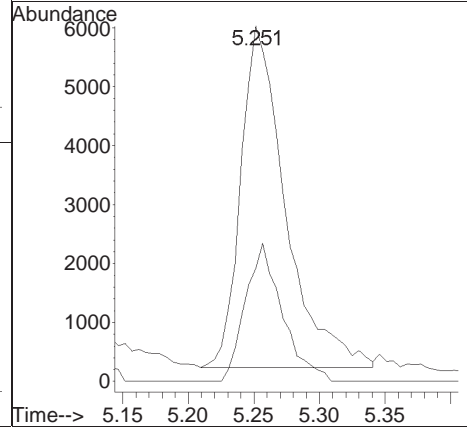
Tgt Ion	Resp	Lower	Upper
97	100		
99	64.7	41.9	86.9
61	47.2	34.3	71.1
63	15.0	10.6	22.0

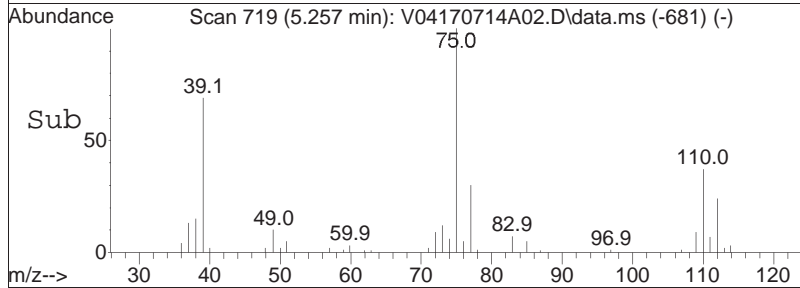
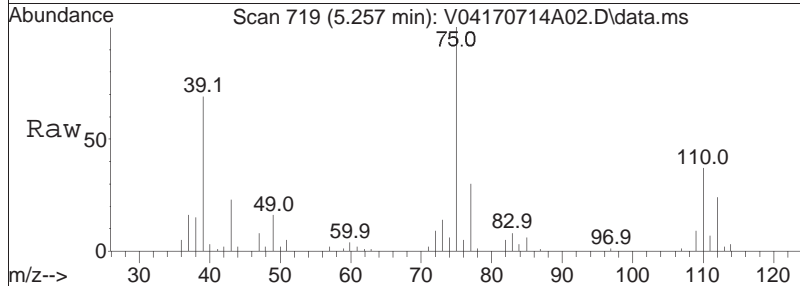
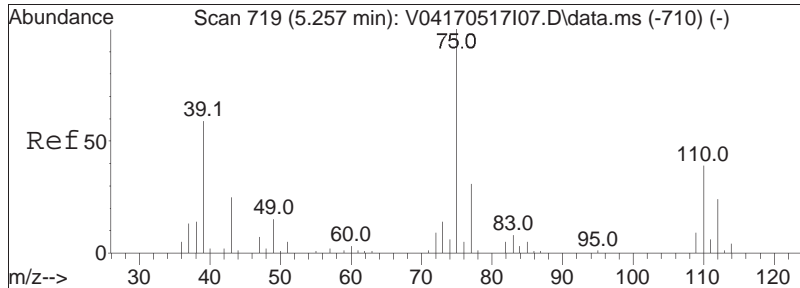




#39
 2-Butanone
 Concen: 20.09 ug/L
 RT: 5.251 min Scan# 718
 Delta R.T. 0.000 min
 Lab File: V04170714A02.D
 Acq: 14 Jul 2017 8:08

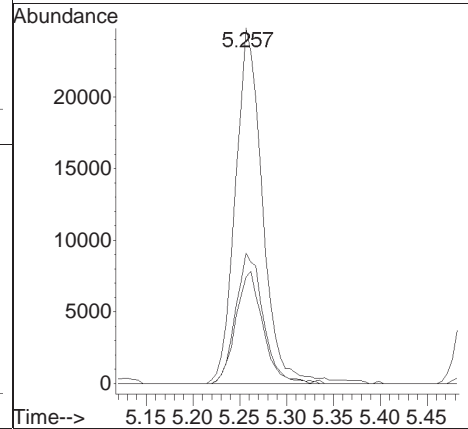
Tgt Ion: 43 Resp: 13789
 Ion Ratio Lower Upper
 43 100
 72 33.2 24.3 36.5

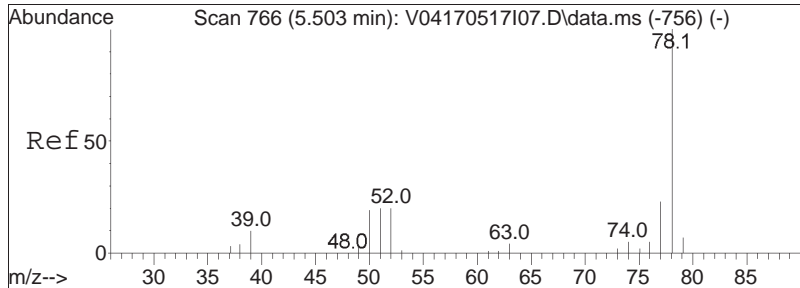




#40
 1,1-Dichloropropene
 Concen: 22.36 ug/L
 RT: 5.257 min Scan# 719
 Delta R.T. -0.000 min
 Lab File: V04170714A02.D
 Acq: 14 Jul 2017 8:08

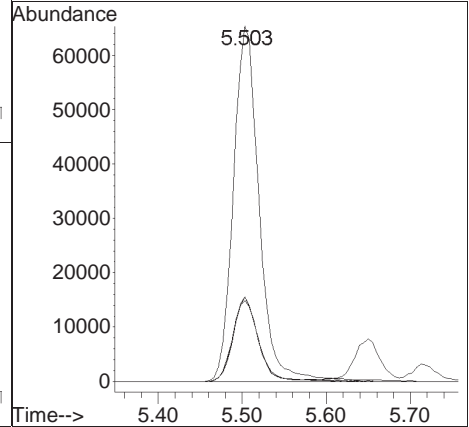
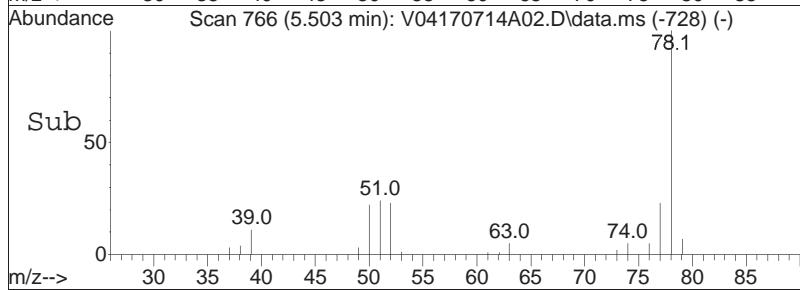
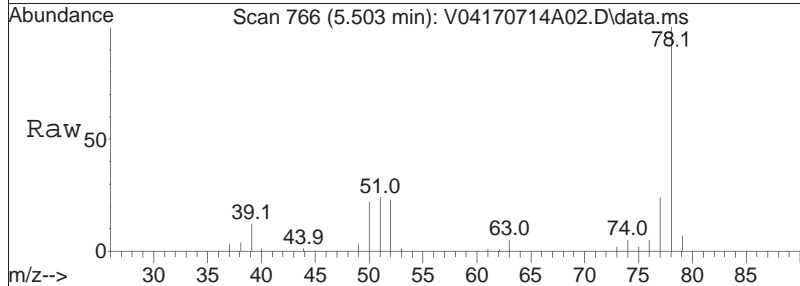
Tgt Ion	Resp	Lower	Upper
75	100		
110	37.1	24.4	50.6
77	31.2	20.5	42.5

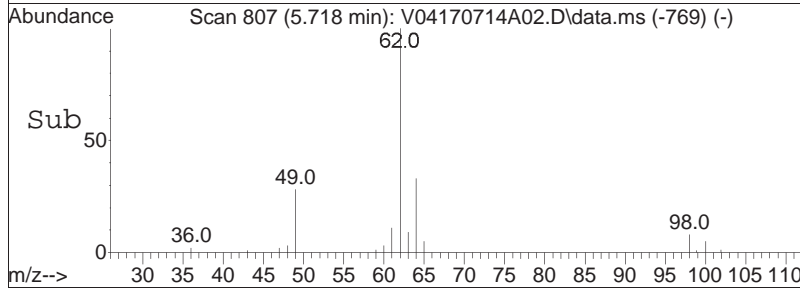
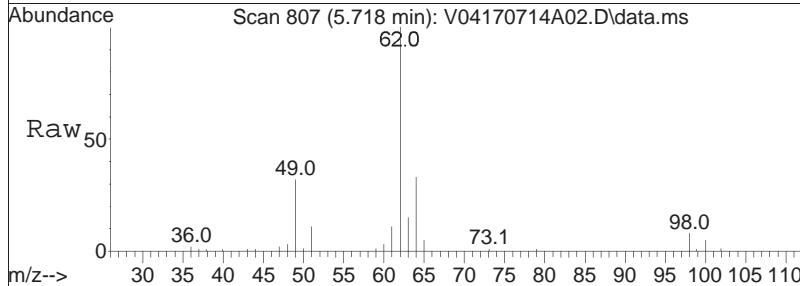
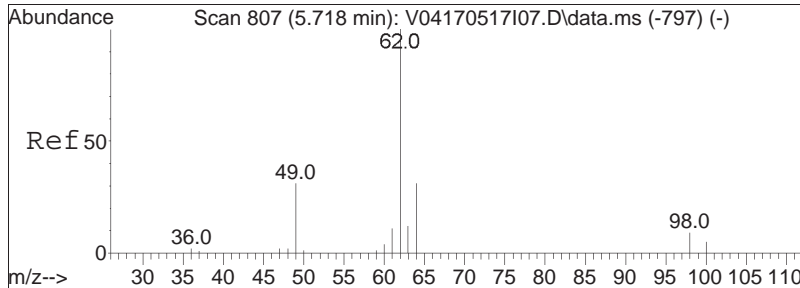




#41
Benzene
Concen: 20.76 ug/L
RT: 5.503 min Scan# 766
Delta R.T. 0.000 min
Lab File: V04170714A02.D
Acq: 14 Jul 2017 8:08

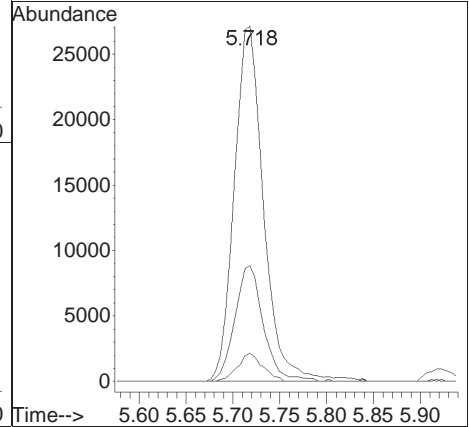
Tgt Ion	Resp	Lower	Upper
78	139275		
77	23.0	15.2	31.6
51	23.0	14.1	29.3
52	22.7	14.0	29.2

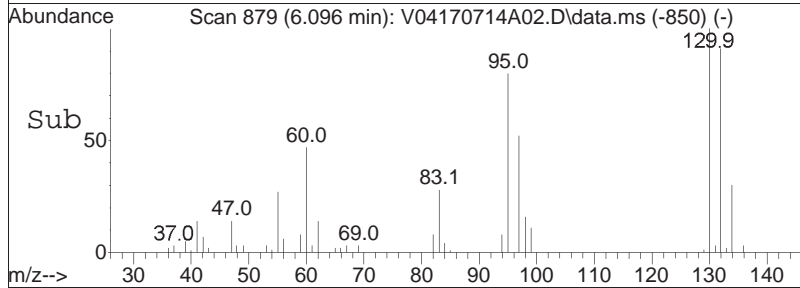
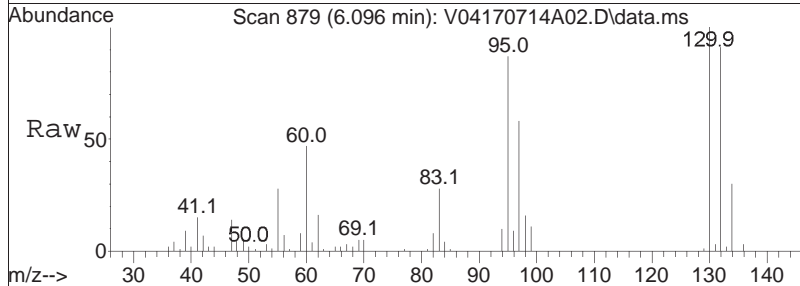
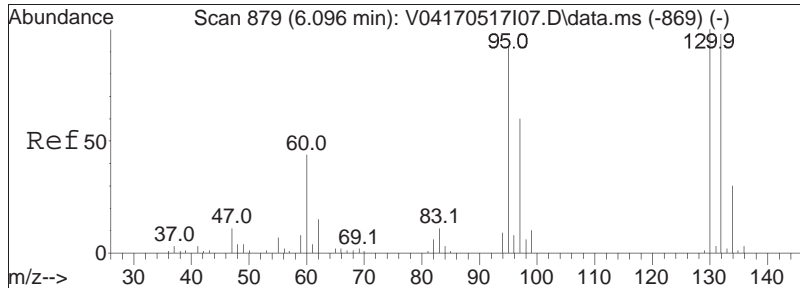




#44
 1,2-Dichloroethane
 Concen: 24.31 ug/L
 RT: 5.718 min Scan# 807
 Delta R.T. 0.000 min
 Lab File: V04170714A02.D
 Acq: 14 Jul 2017 8:08

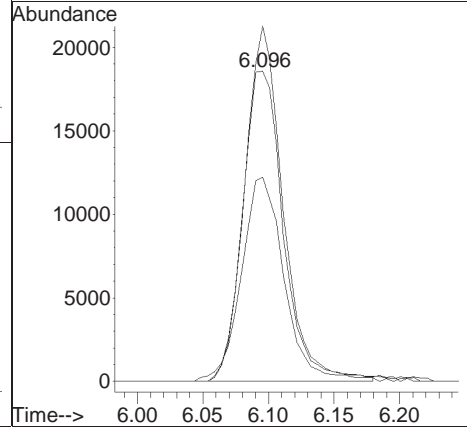
Tgt Ion:	Resp:		
Ion	Ratio	Lower	Upper
62	100		
64	31.6	11.2	51.2
98	6.9	0.0	27.3

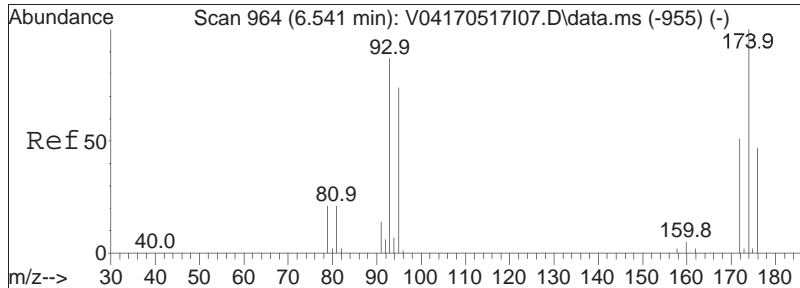




#48
 Trichloroethene
 Concen: 22.14 ug/L
 RT: 6.096 min Scan# 879
 Delta R.T. -0.000 min
 Lab File: V04170714A02.D
 Acq: 14 Jul 2017 8:08

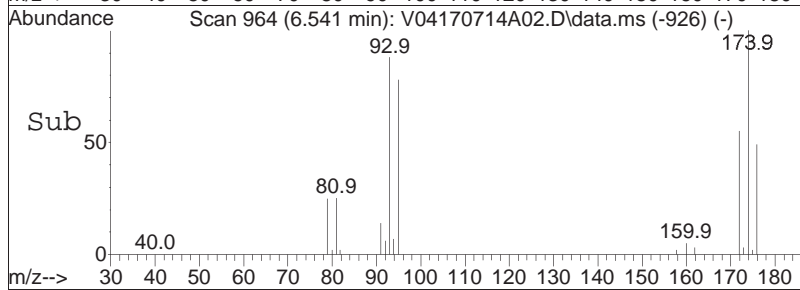
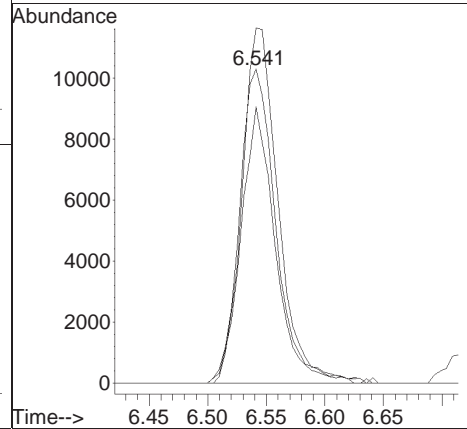
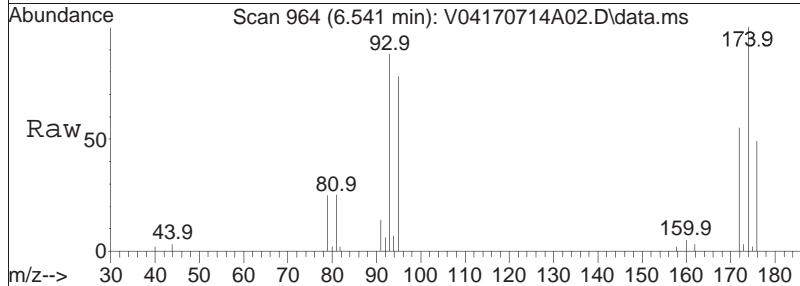
Tgt Ion	Resp	Lower	Upper
95	40348		
97	68.7	54.8	82.2
130	107.8	85.8	128.6

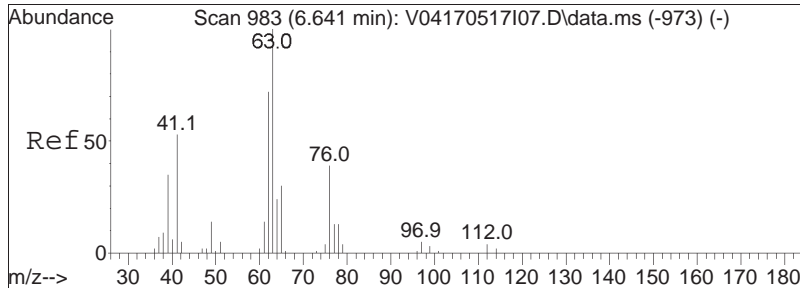




#50
 Dibromomethane
 Concen: 20.83 ug/L
 RT: 6.541 min Scan# 964
 Delta R.T. 0.000 min
 Lab File: V04170714A02.D
 Acq: 14 Jul 2017 8:08

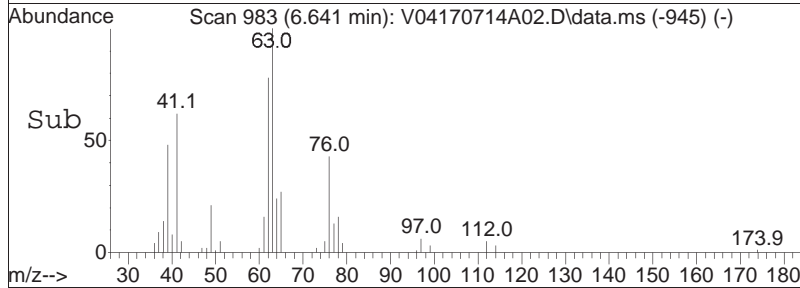
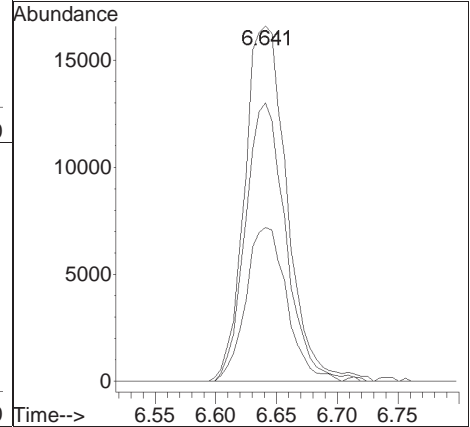
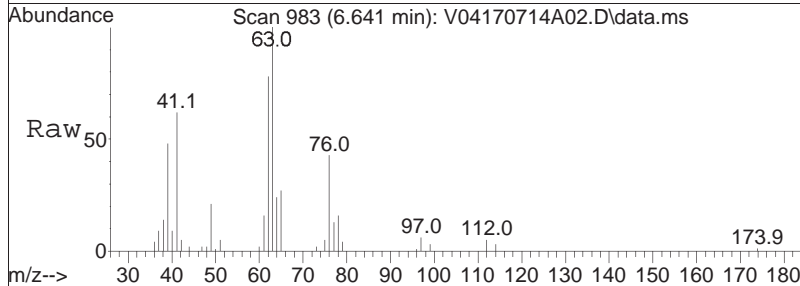
Tgt Ion	Resp	Lower	Upper
93	22427		
93	100		
95	82.6	67.3	100.9
174	112.2	94.1	141.1

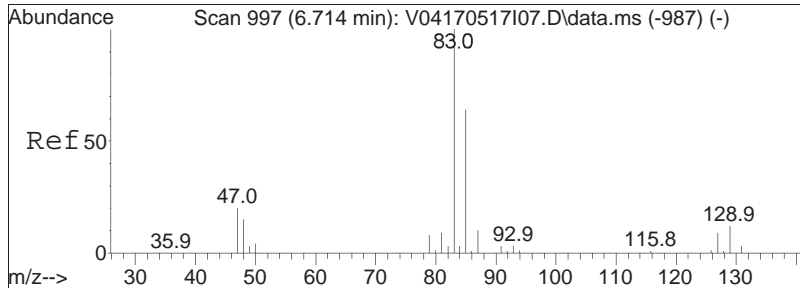




#51
 1,2-Dichloropropane
 Concen: 20.71 ug/L
 RT: 6.641 min Scan# 983
 Delta R.T. -0.000 min
 Lab File: V04170714A02.D
 Acq: 14 Jul 2017 8:08

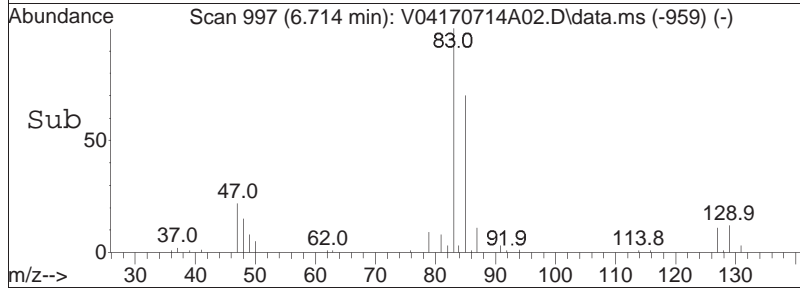
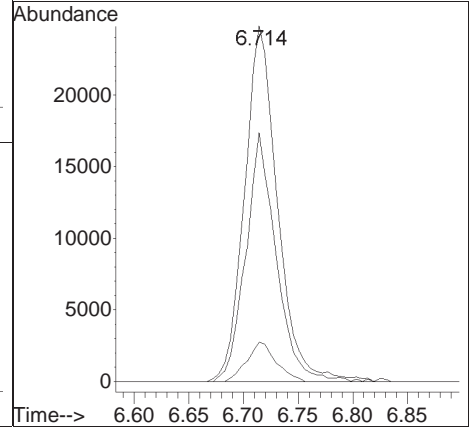
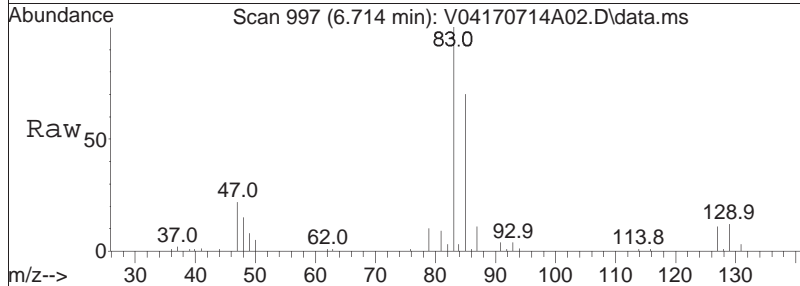
Tgt Ion:	Resp:		
Ion	Ratio	Lower	Upper
63	100		
62	74.8	57.9	86.9
76	42.0	26.1	39.1#

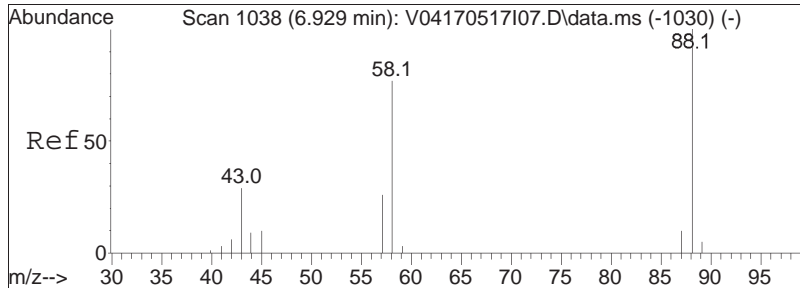




#54
 Bromodichloromethane
 Concen: 21.76 ug/L
 RT: 6.714 min Scan# 997
 Delta R.T. 0.000 min
 Lab File: V04170714A02.D
 Acq: 14 Jul 2017 8:08

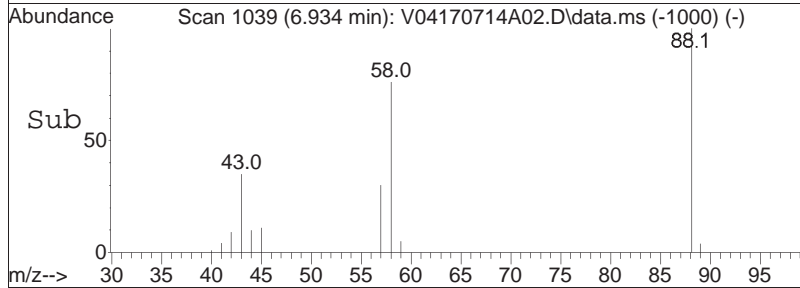
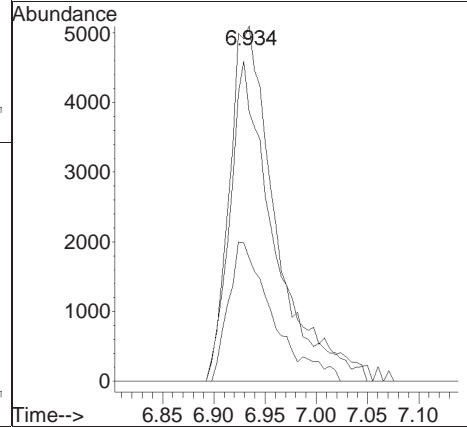
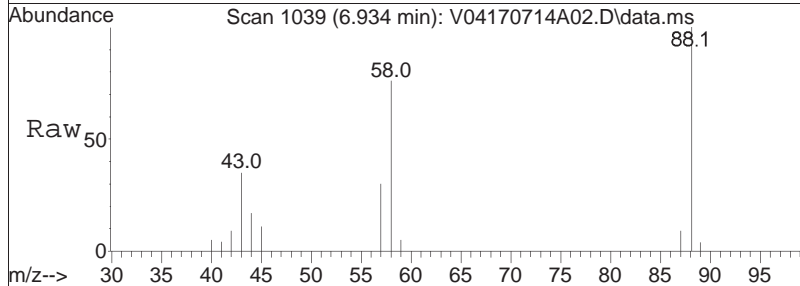
Tgt Ion	Resp	Lower	Upper
83	52110		
85	64.3	51.5	77.3
127	9.8	7.1	10.7

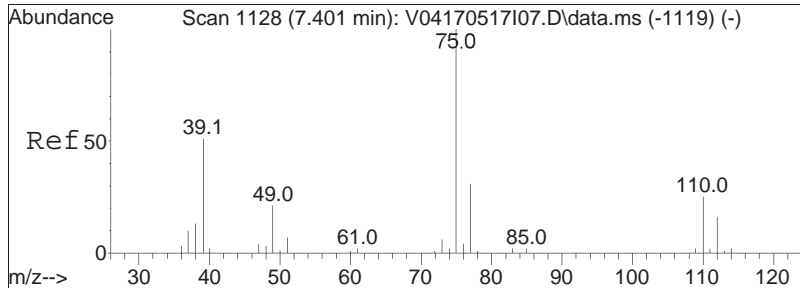




#57
 1,4-Dioxane
 Concen: 1067.67 ug/L
 RT: 6.934 min Scan# 1039
 Delta R.T. 0.005 min
 Lab File: V04170714A02.D
 Acq: 14 Jul 2017 8:08

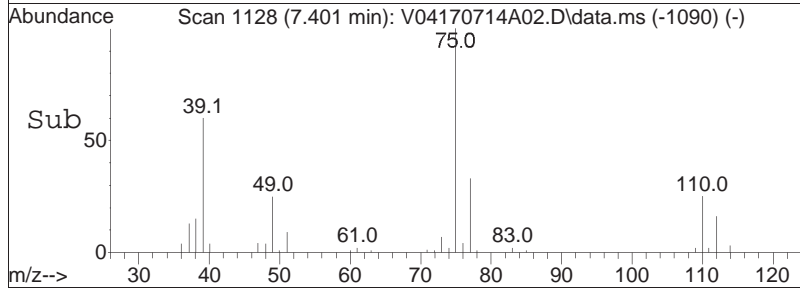
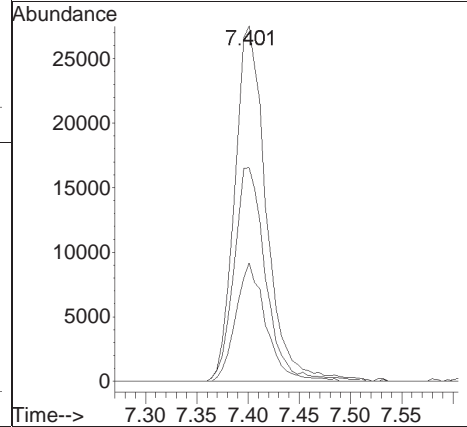
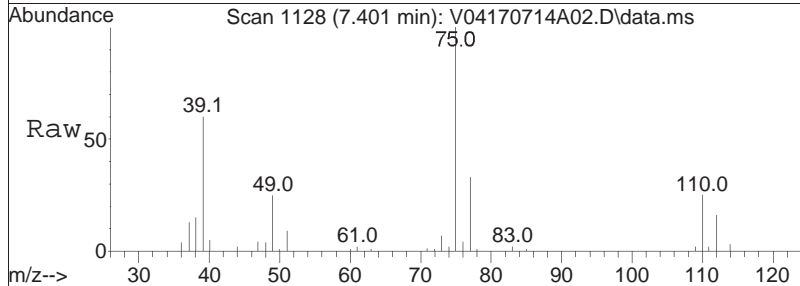
Tgt Ion:	88	Resp:	16183
Ion Ratio	Lower	Upper	
88	100		
58	84.5	72.2	108.2
43	37.1	28.1	42.1

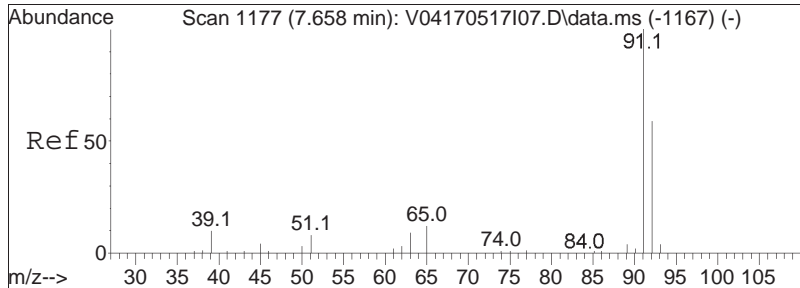




#58
 cis-1,3-Dichloropropene
 Concen: 20.32 ug/L
 RT: 7.401 min Scan# 1128
 Delta R.T. 0.000 min
 Lab File: V04170714A02.D
 Acq: 14 Jul 2017 8:08

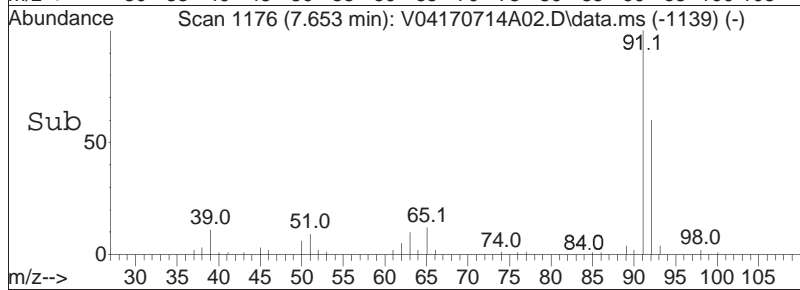
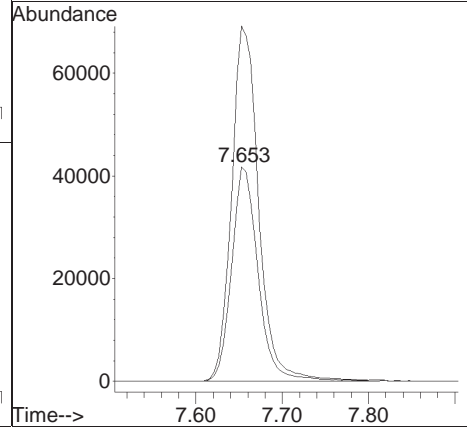
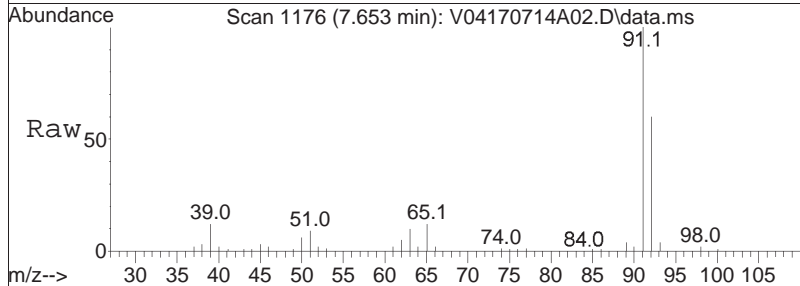
Tgt Ion	Resp	Lower	Upper
75	59180		
77	32.1	25.3	37.9
39	60.7	42.6	64.0

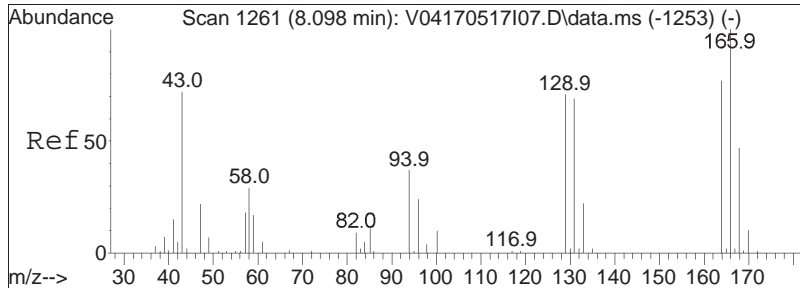




#61
 Toluene
 Concen: 19.20 ug/L
 RT: 7.653 min Scan# 1176
 Delta R.T. -0.005 min
 Lab File: V04170714A02.D
 Acq: 14 Jul 2017 8:08

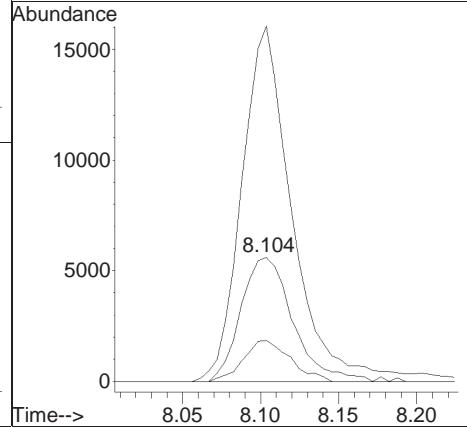
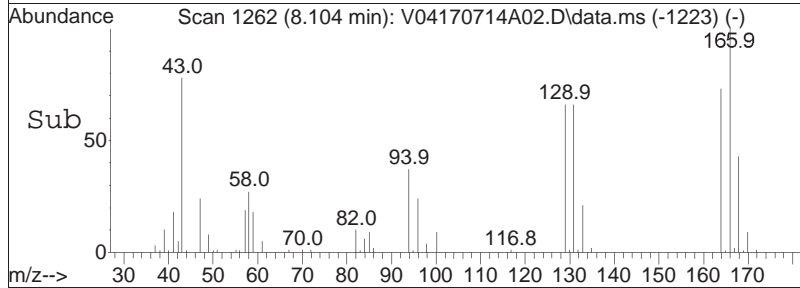
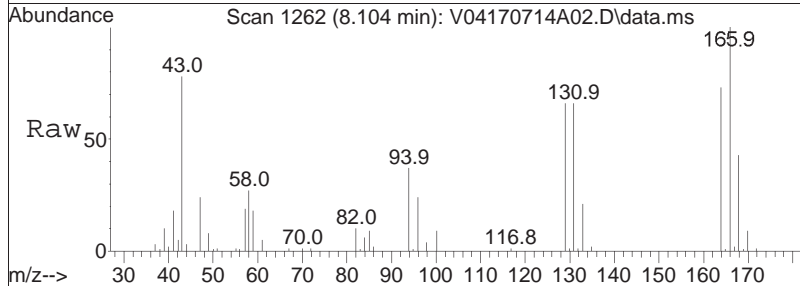
Tgt Ion:	Resp:	Lower	Upper
92	89503		
91	169.2	135.4	203.2

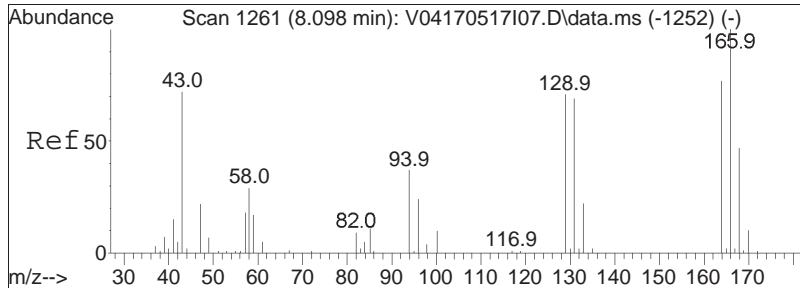




#62
 4-Methyl-2-pentanone
 Concen: 18.74 ug/L
 RT: 8.104 min Scan# 1262
 Delta R.T. 0.006 min
 Lab File: V04170714A02.D
 Acq: 14 Jul 2017 8:08

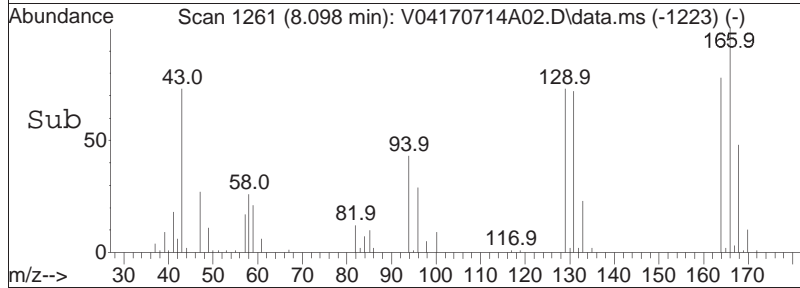
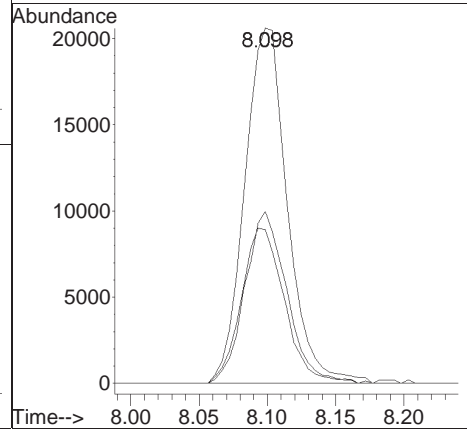
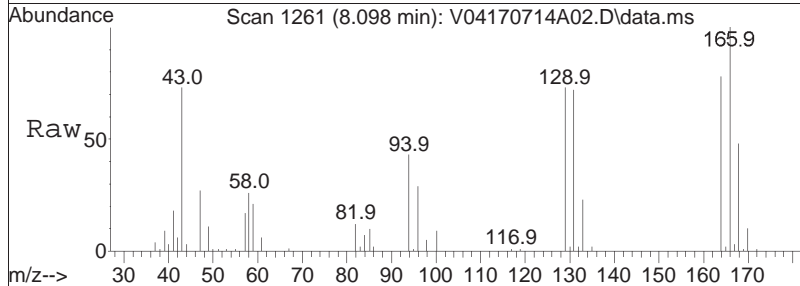
Tgt Ion	Resp	Lower	Upper
58	100		
100	30.1	22.2	33.2
43	282.1	188.5	282.7

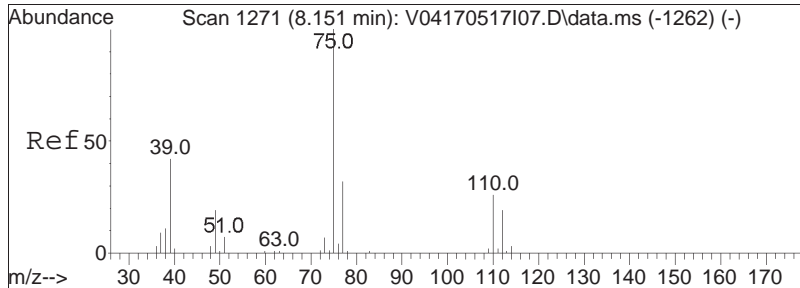




#63
 Tetrachloroethene
 Concen: 19.72 ug/L
 RT: 8.098 min Scan# 1261
 Delta R.T. 0.000 min
 Lab File: V04170714A02.D
 Acq: 14 Jul 2017 8:08

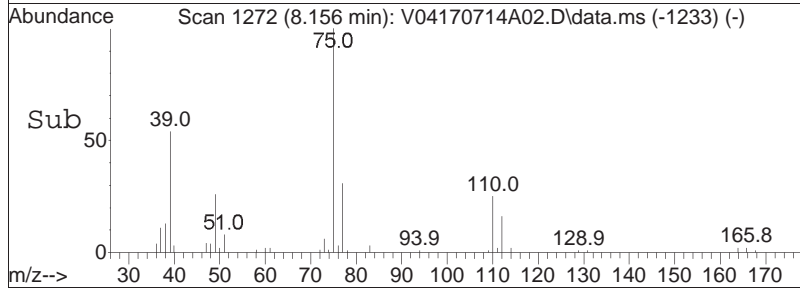
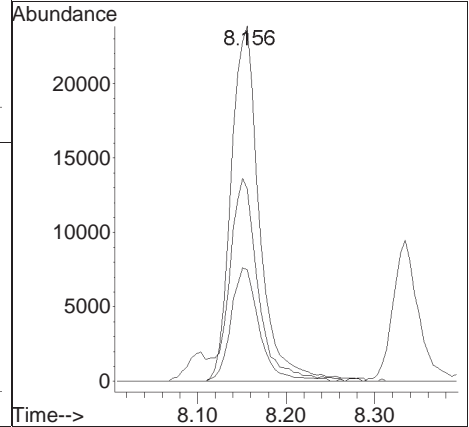
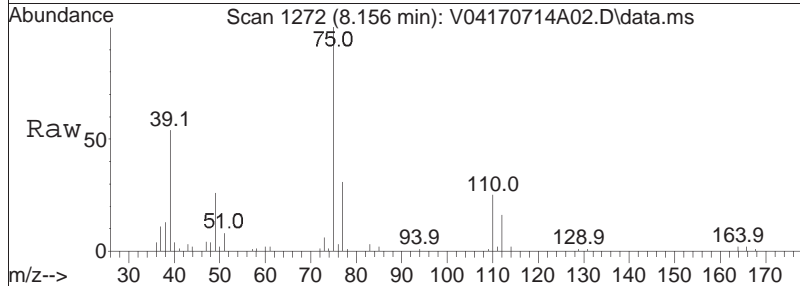
Tgt Ion	Resp	Lower	Upper
166	44934		
166	100		
168	47.2	27.3	67.3
94	44.2	17.1	57.1

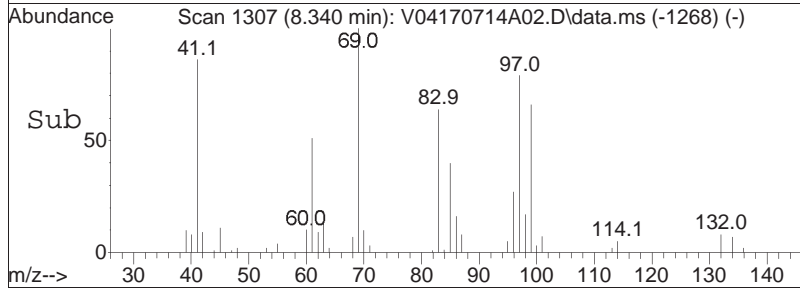
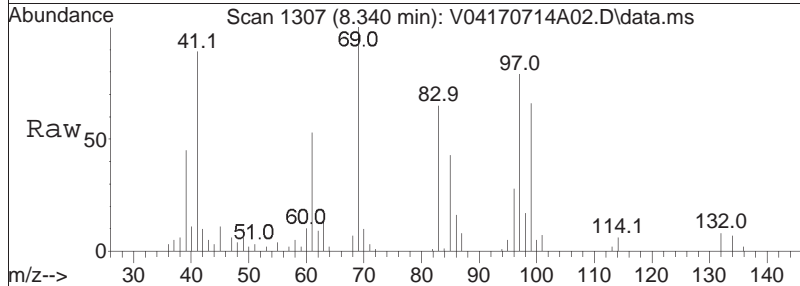
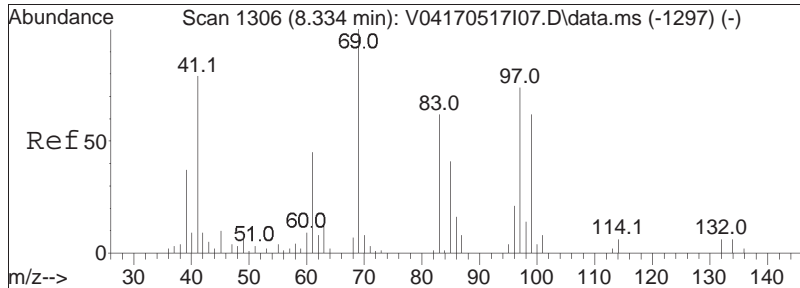




#65
 trans-1,3-Dichloropropene
 Concen: 19.91 ug/L
 RT: 8.156 min Scan# 1272
 Delta R.T. 0.005 min
 Lab File: V04170714A02.D
 Acq: 14 Jul 2017 8:08

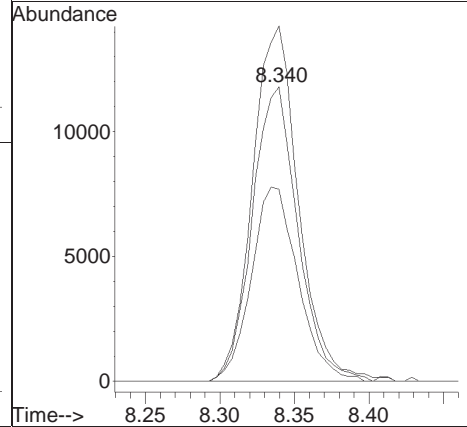
Tgt Ion:	Resp:		
Ion Ratio	Lower	Upper	
75	100		
77	31.9	11.9	51.9
39	56.3	31.2	71.2

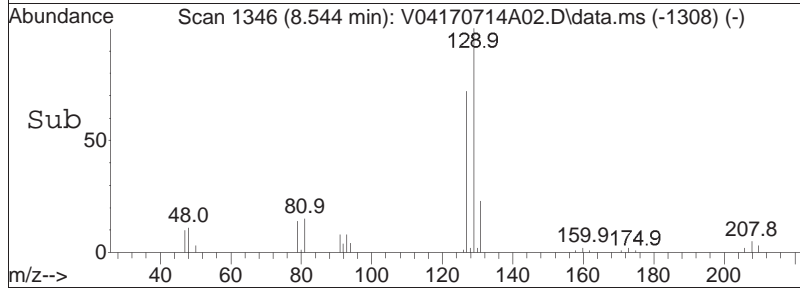
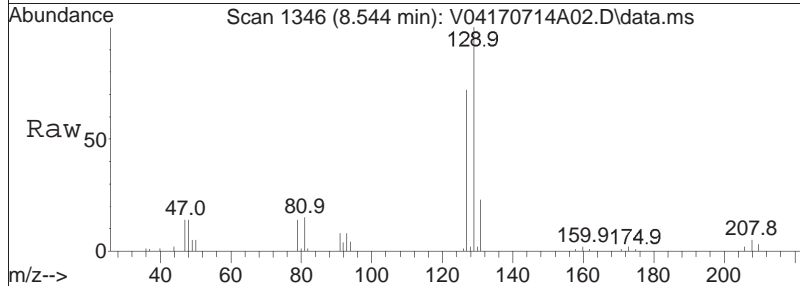
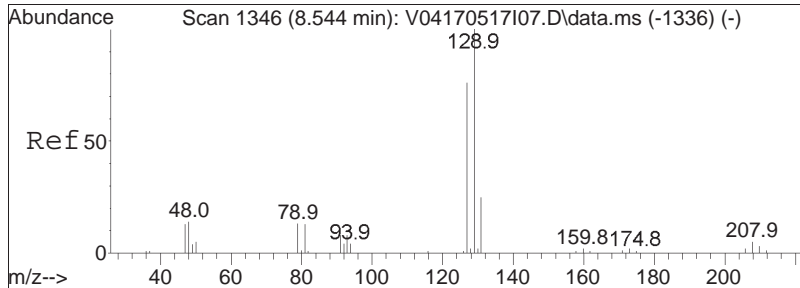




#68
 1,1,2-Trichloroethane
 Concen: 17.93 ug/L
 RT: 8.340 min Scan# 1307
 Delta R.T. 0.006 min
 Lab File: V04170714A02.D
 Acq: 14 Jul 2017 8:08

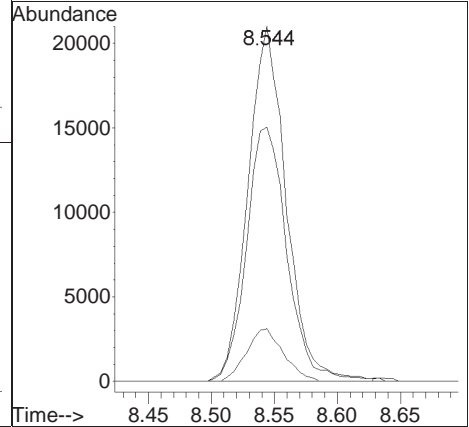
Tgt Ion:	83	Resp:	25143
Ion Ratio	Lower	Upper	
83	100		
97	122.5	95.8	135.8
85	67.8	47.8	87.8

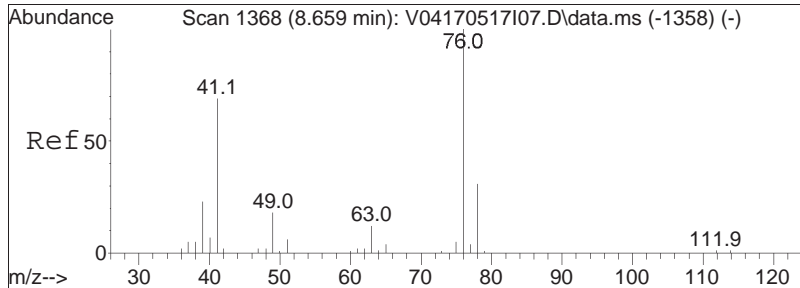




#69
 Chlorodibromomethane
 Concen: 19.74 ug/L
 RT: 8.544 min Scan# 1346
 Delta R.T. -0.000 min
 Lab File: V04170714A02.D
 Acq: 14 Jul 2017 8:08

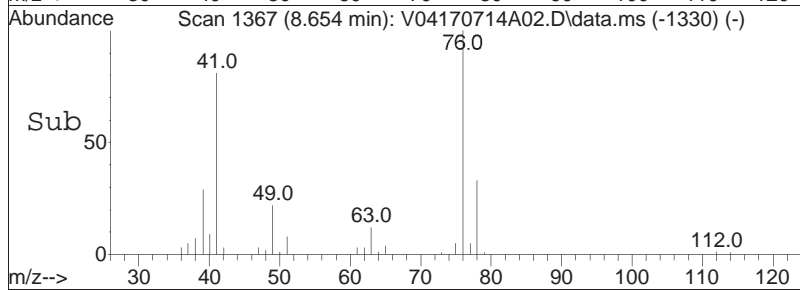
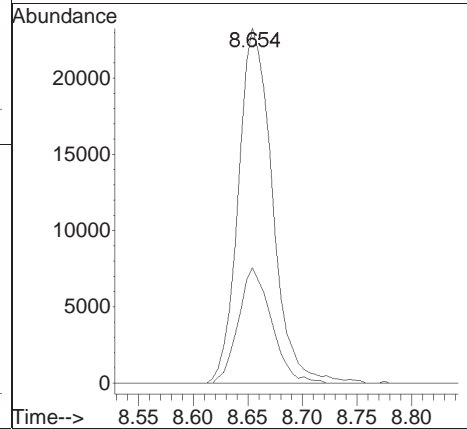
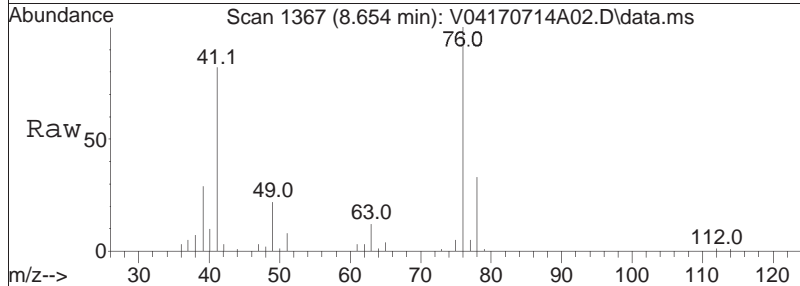
Tgt Ion	Resp	Lower	Upper
129	44364		
129	100		
81	14.4	0.0	33.6
127	75.9	56.6	96.6

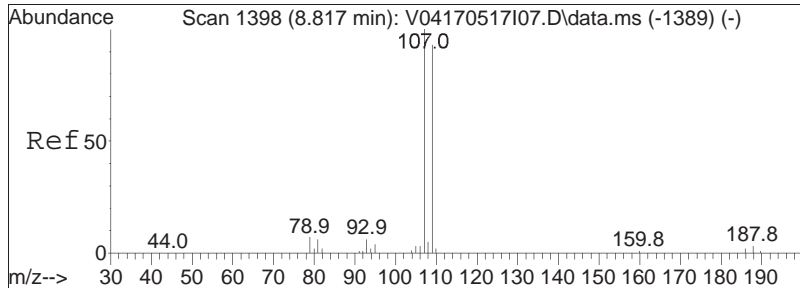




#70
 1,3-Dichloropropane
 Concen: 18.62 ug/L
 RT: 8.654 min Scan# 1367
 Delta R.T. -0.005 min
 Lab File: V04170714A02.D
 Acq: 14 Jul 2017 8:08

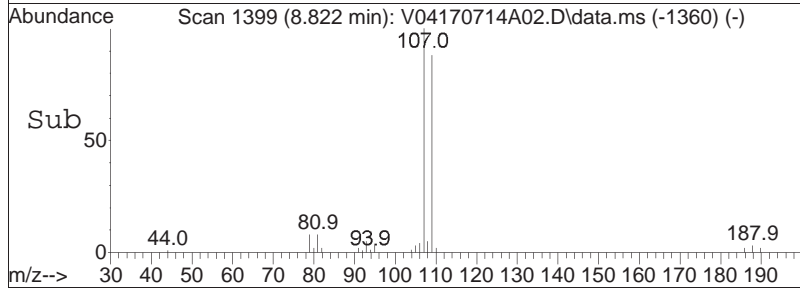
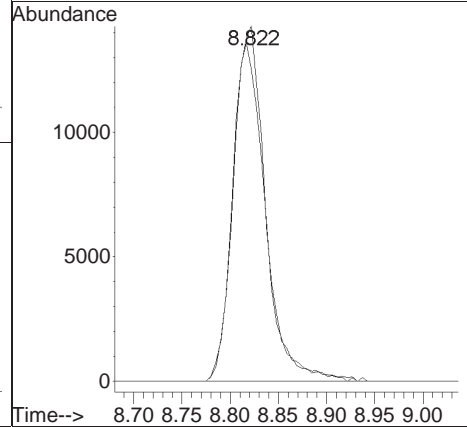
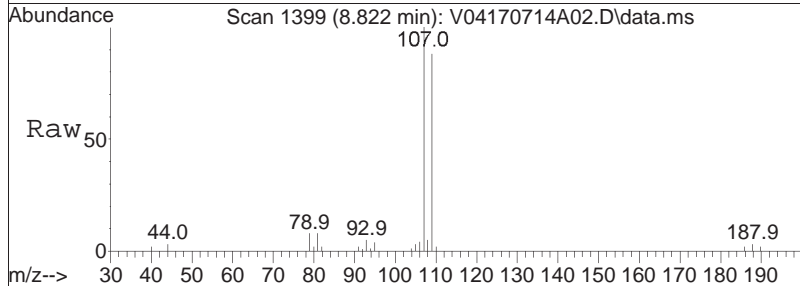
Tgt Ion:	76	Resp:	50531
Ion Ratio	Lower	Upper	
76	100		
78	31.8	25.4	38.2

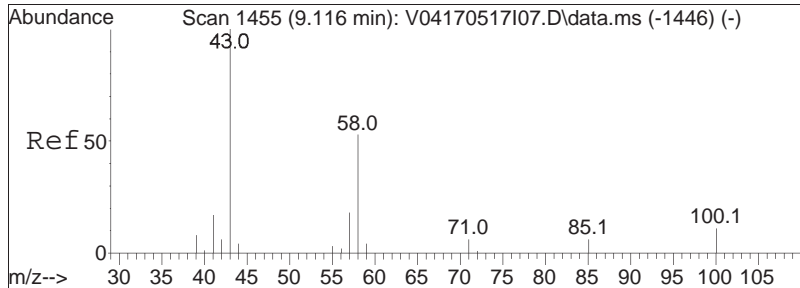




#71
 1,2-Dibromoethane
 Concen: 18.60 ug/L
 RT: 8.822 min Scan# 1399
 Delta R.T. 0.005 min
 Lab File: V04170714A02.D
 Acq: 14 Jul 2017 8:08

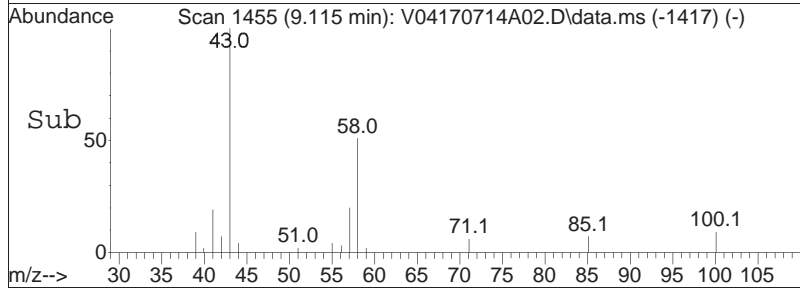
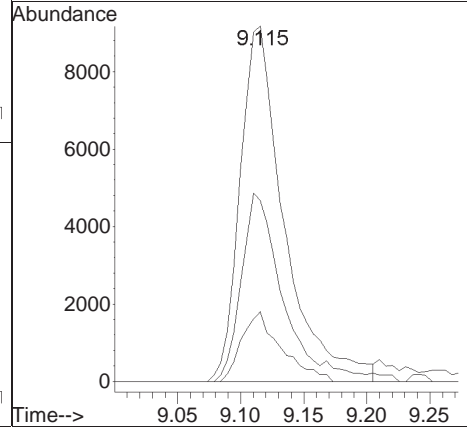
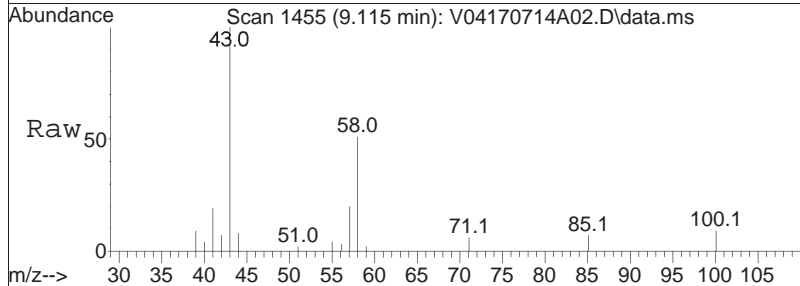
Tgt Ion	Resp	Lower	Upper
107	100		
109	94.5	75.1	112.7

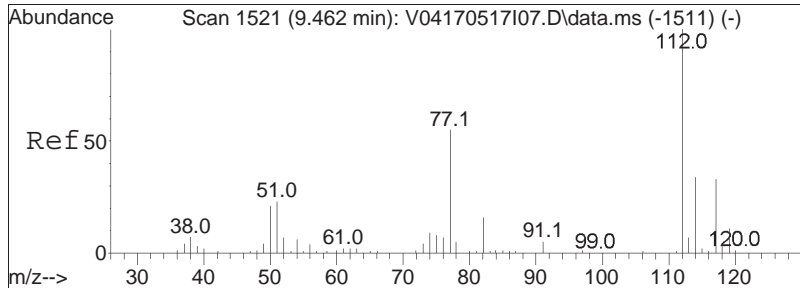




#72
 2-Hexanone
 Concen: 19.76 ug/L
 RT: 9.115 min Scan# 1455
 Delta R.T. -0.001 min
 Lab File: V04170714A02.D
 Acq: 14 Jul 2017 8:08

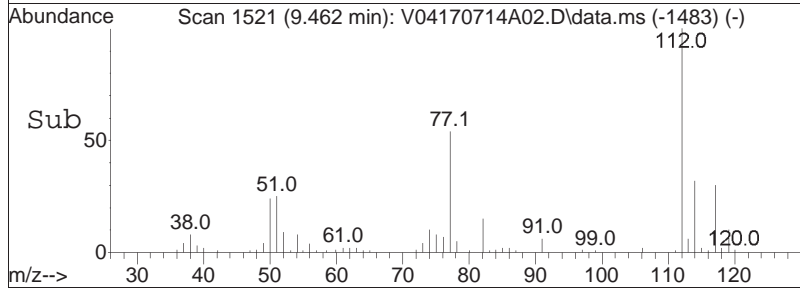
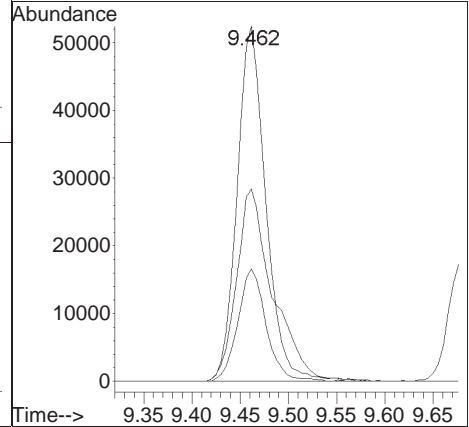
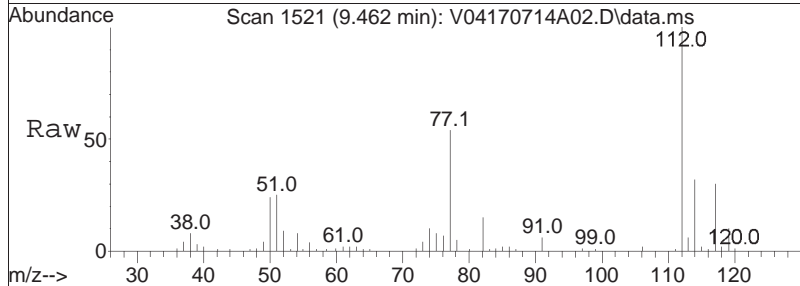
Tgt Ion	Resp	Lower	Upper
43	100		
58	50.7	46.3	69.5
57	17.6	16.1	24.1

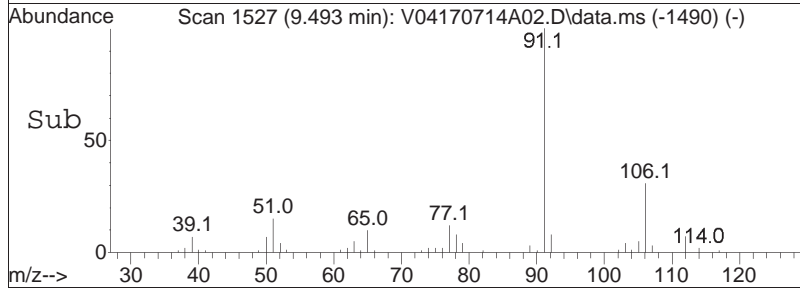
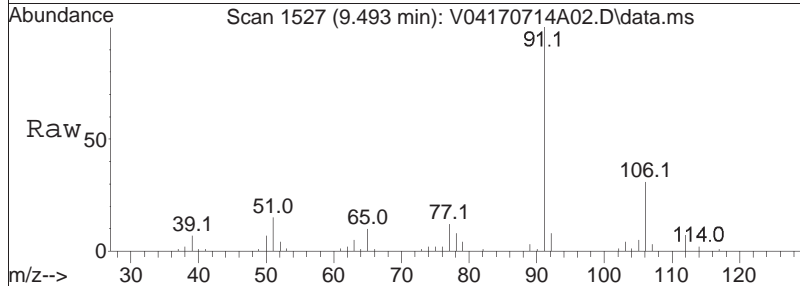
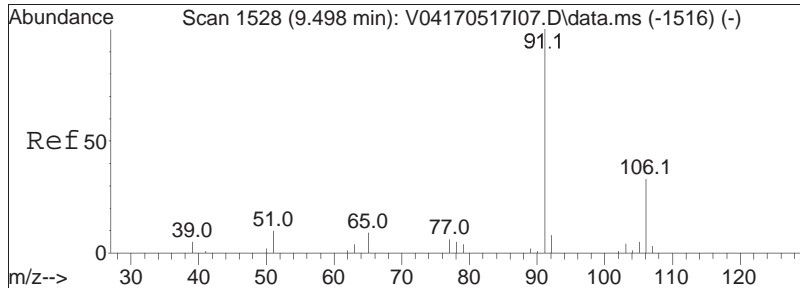




#73
 Chlorobenzene
 Concen: 19.05 ug/L
 RT: 9.462 min Scan# 1521
 Delta R.T. -0.000 min
 Lab File: V04170714A02.D
 Acq: 14 Jul 2017 8:08

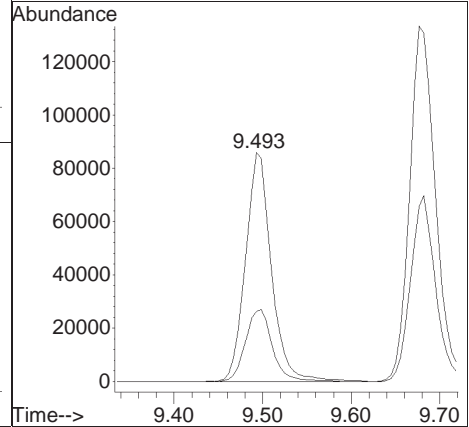
Tgt Ion	Resp	Lower	Upper
112	108865		
77	68.1	54.7	82.1
114	31.2	25.4	38.2

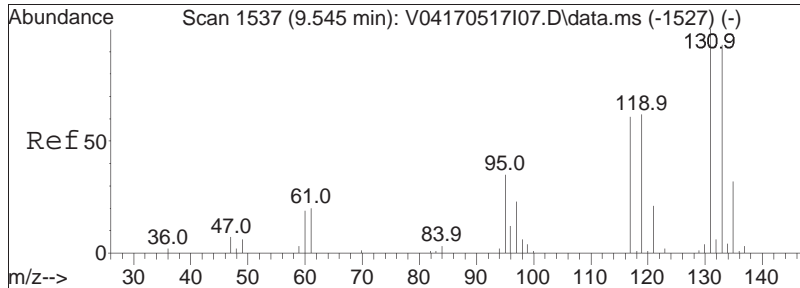




#74
 Ethylbenzene
 Concen: 19.44 ug/L
 RT: 9.493 min Scan# 1527
 Delta R.T. -0.005 min
 Lab File: V04170714A02.D
 Acq: 14 Jul 2017 8:08

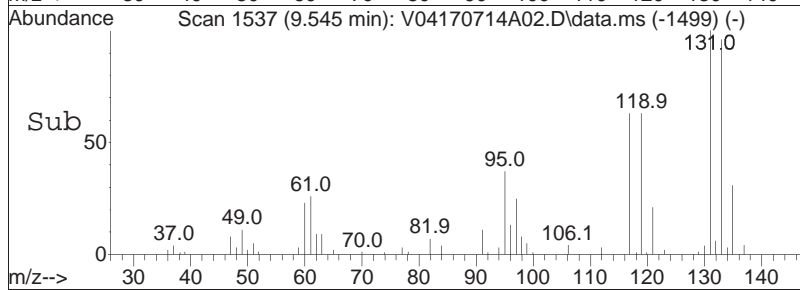
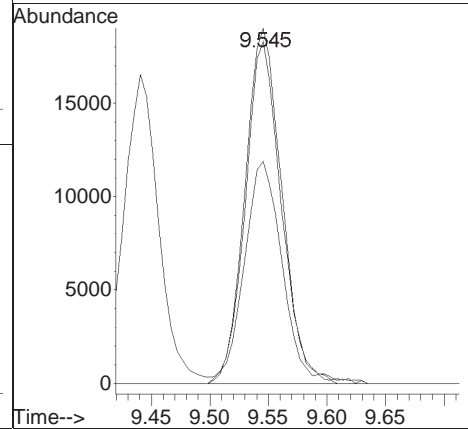
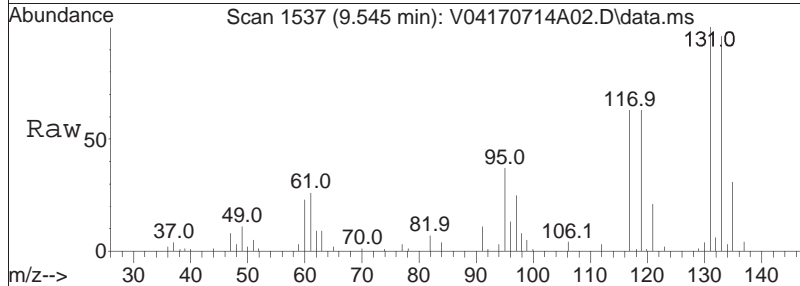
Tgt Ion: 91 Resp: 174224
 Ion Ratio Lower Upper
 91 100
 106 32.4 25.8 38.8

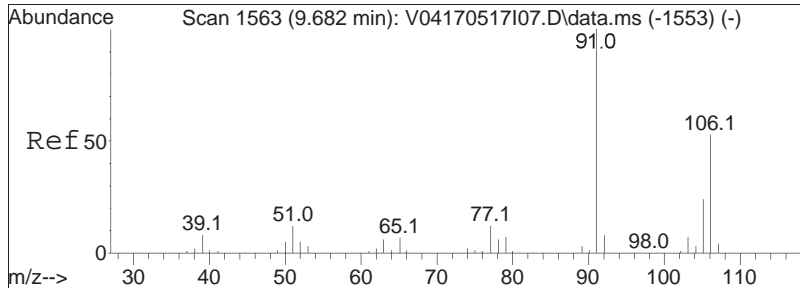




#75
 1,1,1,2-Tetrachloroethane
 Concen: 19.38 ug/L
 RT: 9.545 min Scan# 1537
 Delta R.T. 0.000 min
 Lab File: V04170714A02.D
 Acq: 14 Jul 2017 8:08

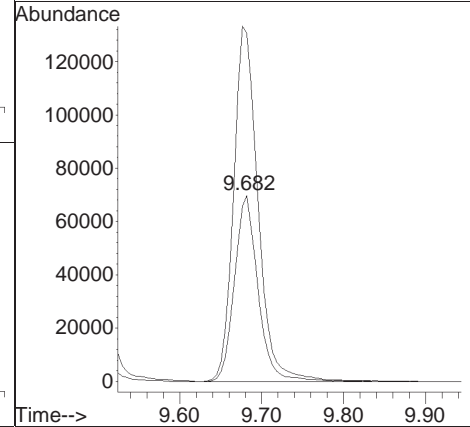
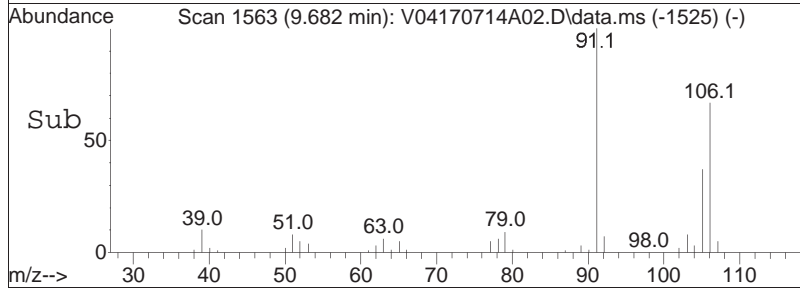
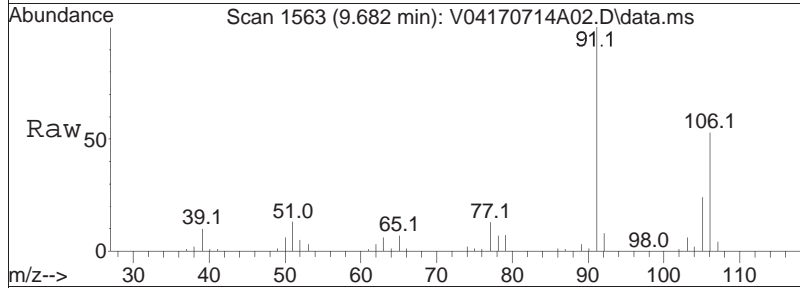
Tgt Ion	Resp	Lower	Upper
131	100		
133	93.7	77.7	117.7
119	63.4	45.6	85.6

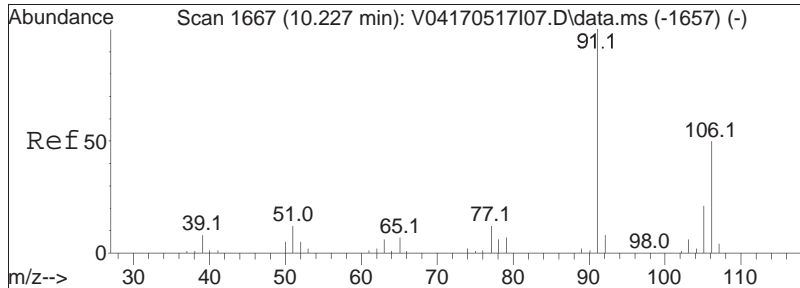




#76
 p/m Xylene
 Concen: 38.31 ug/L
 RT: 9.682 min Scan# 1563
 Delta R.T. -0.000 min
 Lab File: V04170714A02.D
 Acq: 14 Jul 2017 8:08

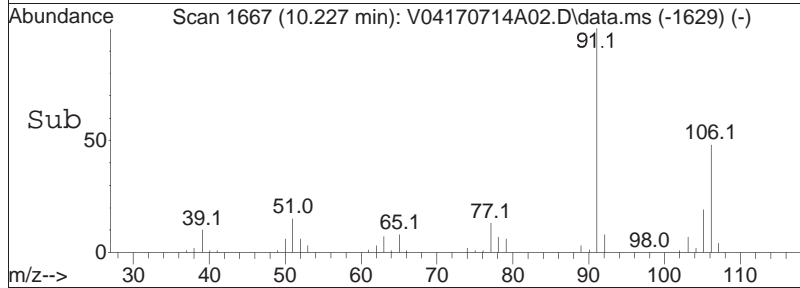
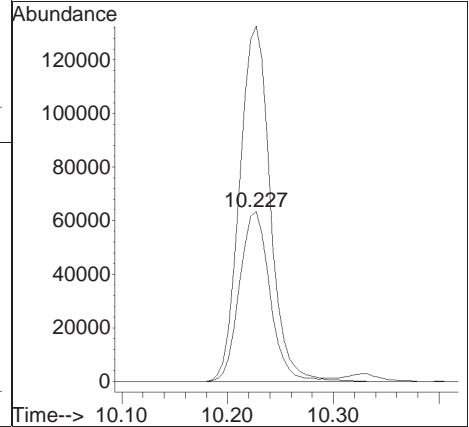
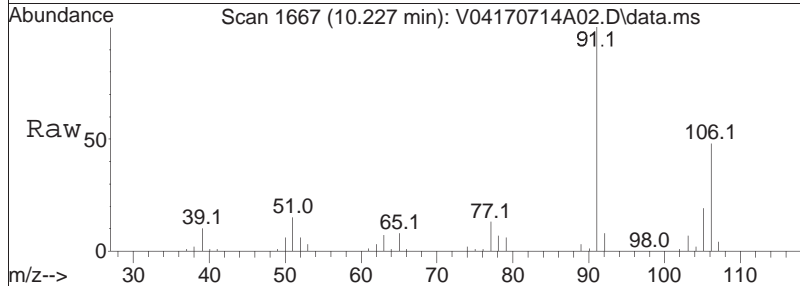
Tgt Ion	Resp	Lower	Upper
106	139037		
91	197.9	155.4	233.0

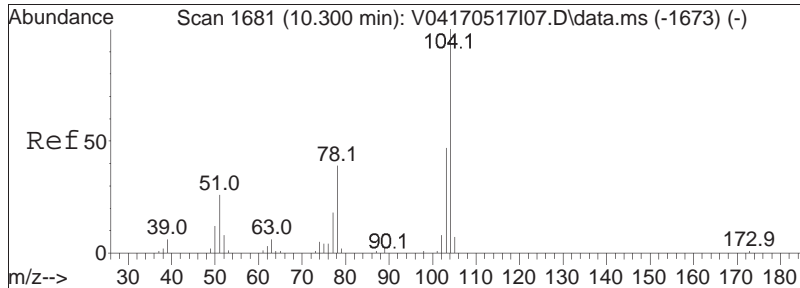




#77
 o Xylene
 Concen: 36.80 ug/L
 RT: 10.227 min Scan# 1667
 Delta R.T. 0.000 min
 Lab File: V04170714A02.D
 Acq: 14 Jul 2017 8:08

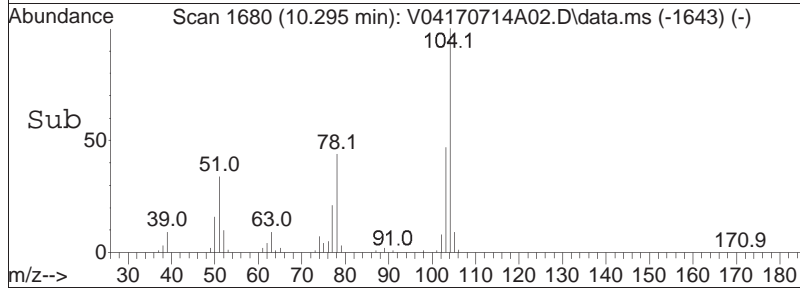
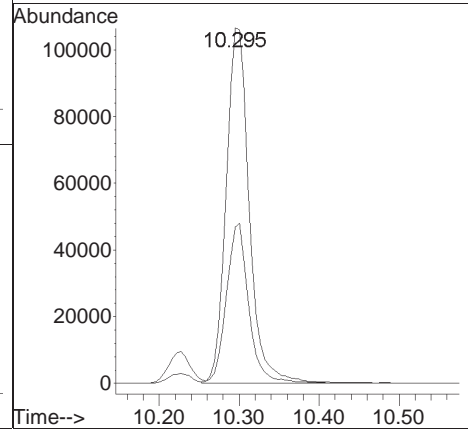
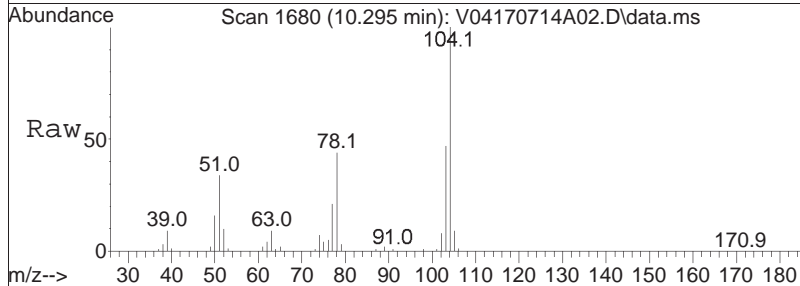
Tgt Ion	Resp	Lower	Upper
106	100		
91	208.8	164.9	247.3

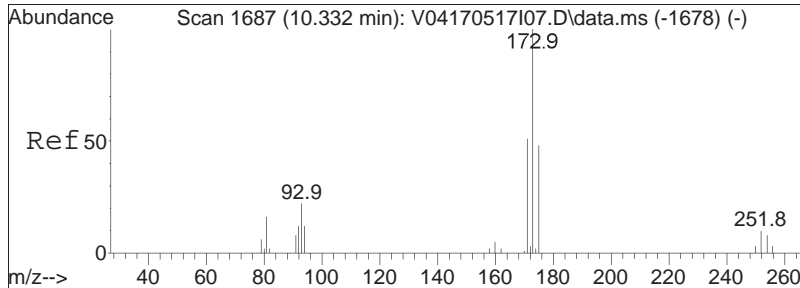




#78
 Styrene
 Concen: 37.02 ug/L
 RT: 10.295 min Scan# 1680
 Delta R.T. -0.005 min
 Lab File: V04170714A02.D
 Acq: 14 Jul 2017 8:08

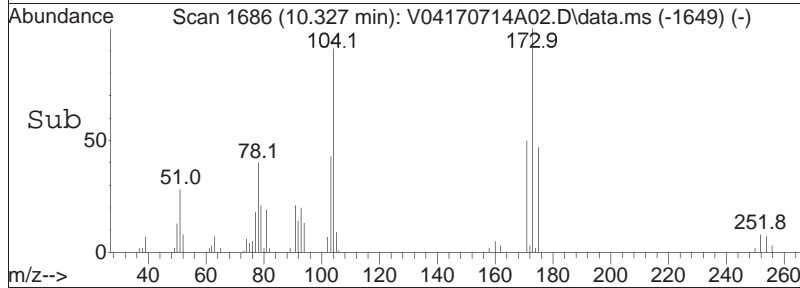
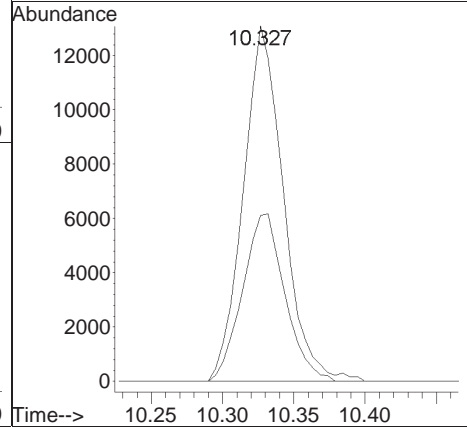
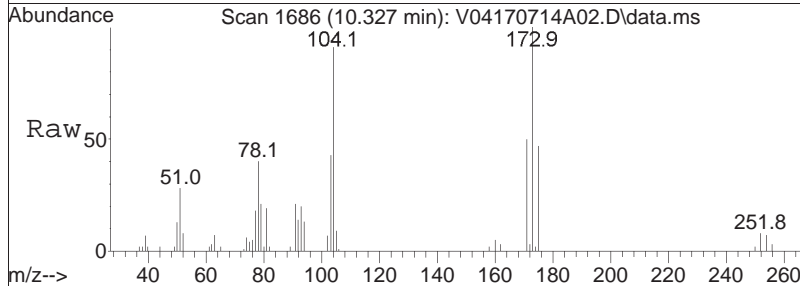
Tgt Ion	Resp	Lower	Upper
104	100		
78	43.7	33.0	49.4

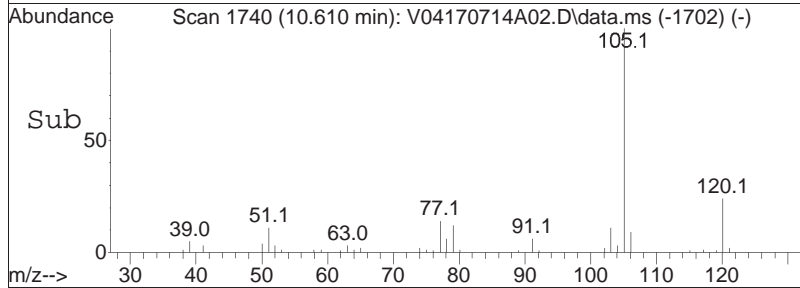
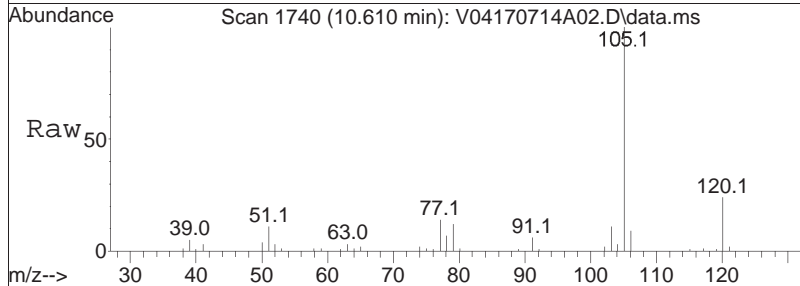
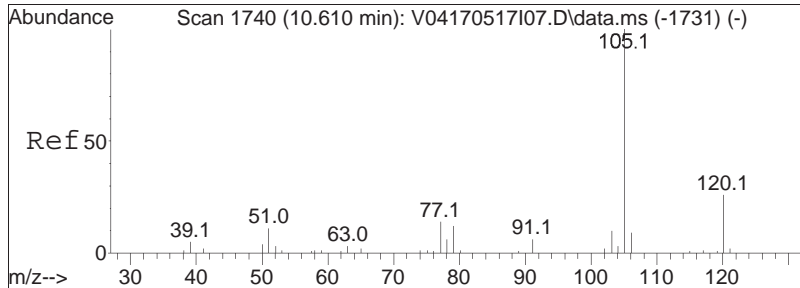




#80
 Bromoform
 Concen: 17.83 ug/L
 RT: 10.327 min Scan# 1686
 Delta R.T. -0.005 min
 Lab File: V04170714A02.D
 Acq: 14 Jul 2017 8:08

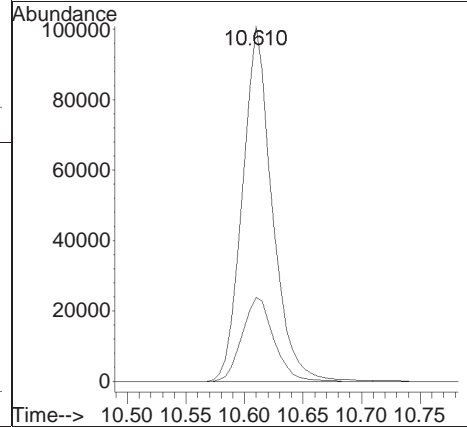
Tgt Ion: 173 Resp: 25656
 Ion Ratio Lower Upper
 173 100
 175 49.6 28.1 68.1

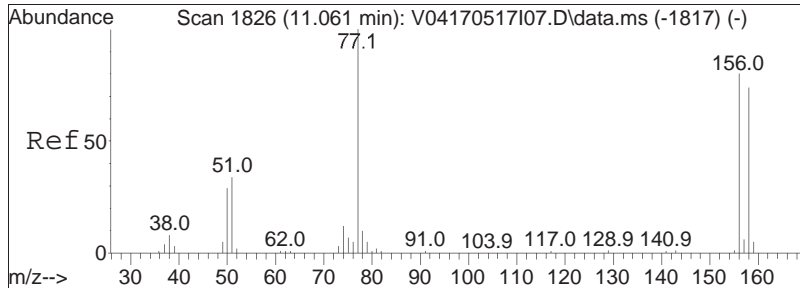




#82
 Isopropylbenzene
 Concen: 19.10 ug/L
 RT: 10.610 min Scan# 1740
 Delta R.T. -0.000 min
 Lab File: V04170714A02.D
 Acq: 14 Jul 2017 8:08

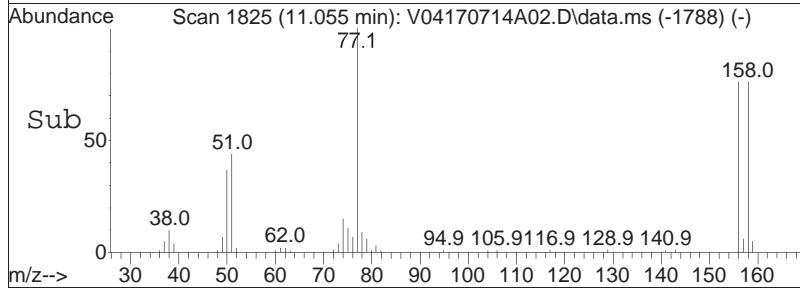
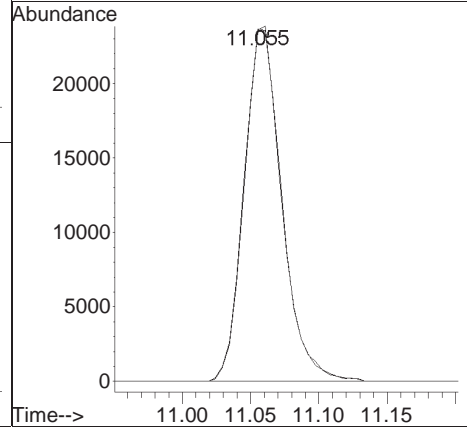
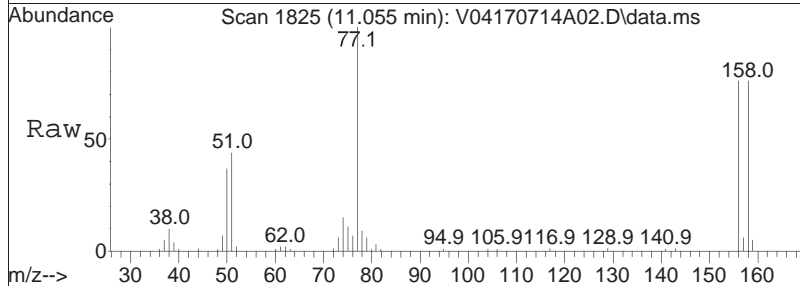
Tgt Ion	Resp	Lower	Upper
105	177783		
120	25.2	6.3	46.3

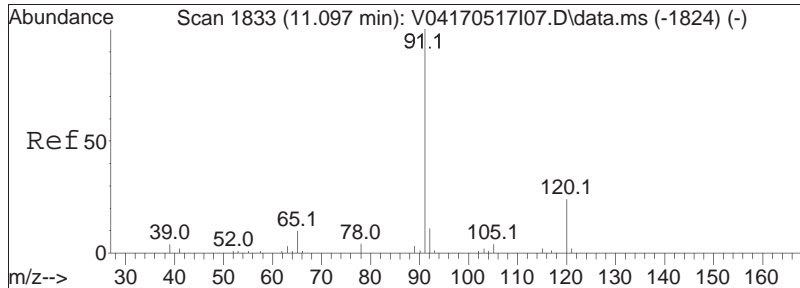




#84
 Bromobenzene
 Concen: 17.85 ug/L
 RT: 11.055 min Scan# 1825
 Delta R.T. -0.006 min
 Lab File: V04170714A02.D
 Acq: 14 Jul 2017 8:08

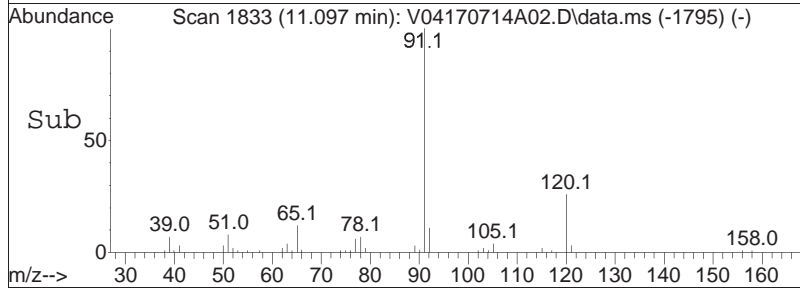
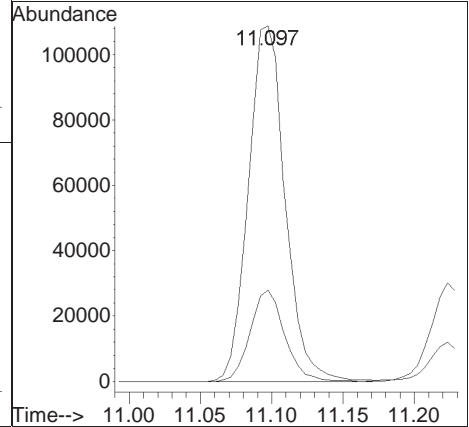
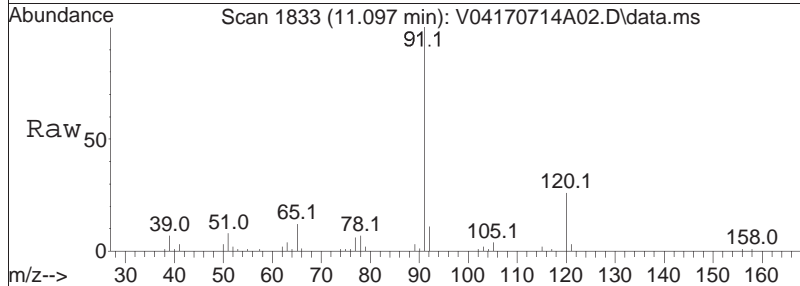
Tgt Ion	Resp	Lower	Upper
156	100		
158	98.9	78.2	117.4

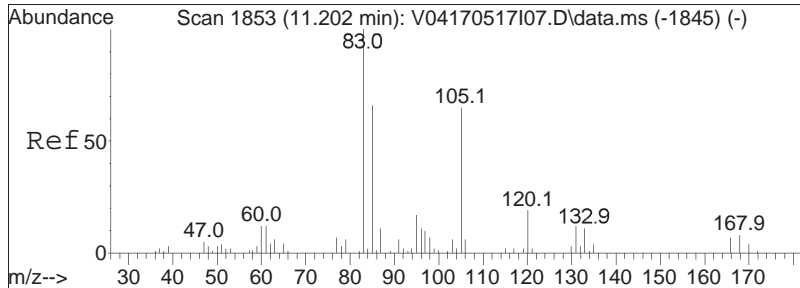




#85
 n-Propylbenzene
 Concen: 18.87 ug/L
 RT: 11.097 min Scan# 1833
 Delta R.T. 0.000 min
 Lab File: V04170714A02.D
 Acq: 14 Jul 2017 8:08

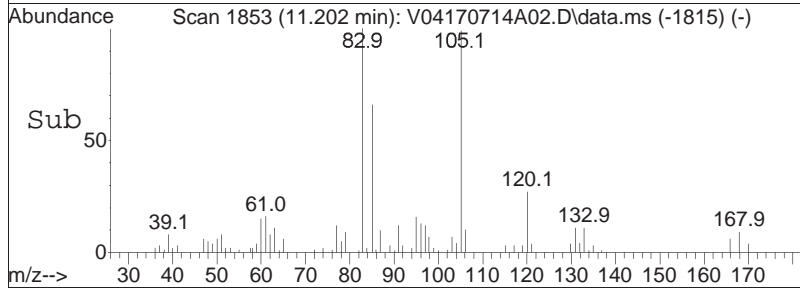
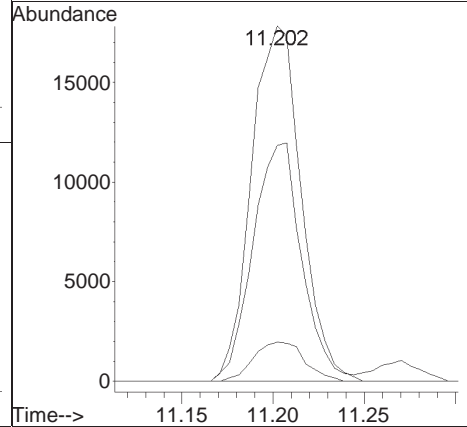
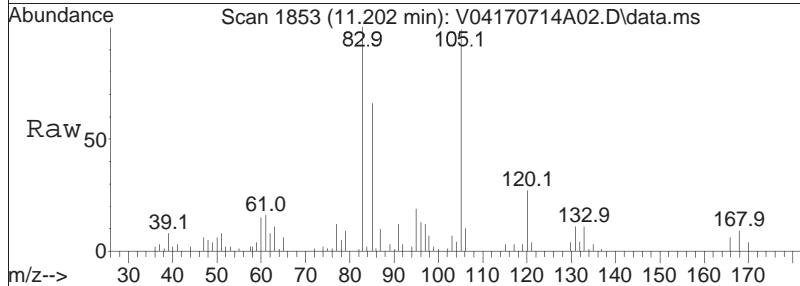
Tgt Ion: 91 Resp: 194961
 Ion Ratio Lower Upper
 91 100
 120 24.0 19.1 28.7

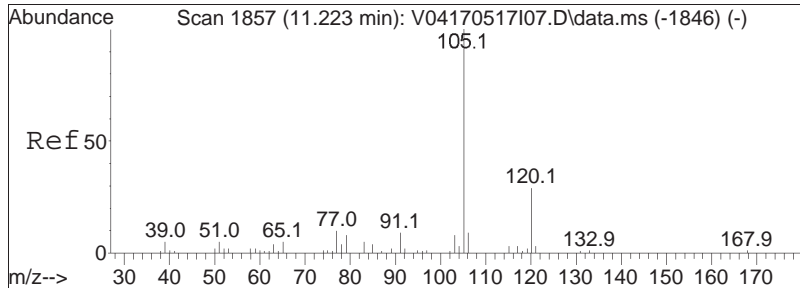




#87
 1,1,2,2-Tetrachloroethane
 Concen: 16.28 ug/L
 RT: 11.202 min Scan# 1853
 Delta R.T. 0.000 min
 Lab File: V04170714A02.D
 Acq: 14 Jul 2017 8:08

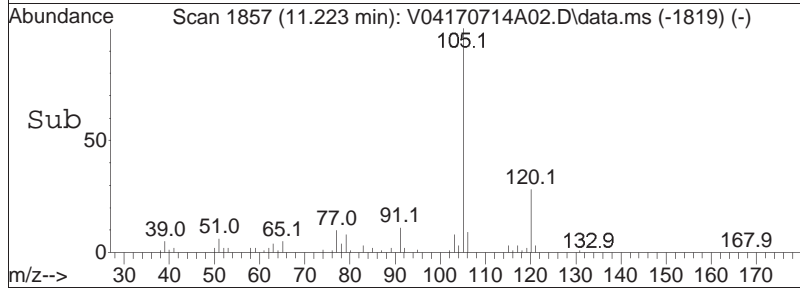
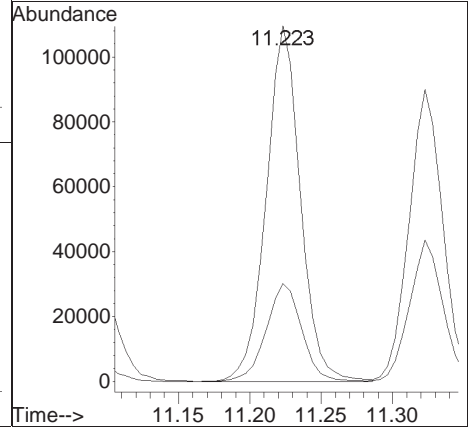
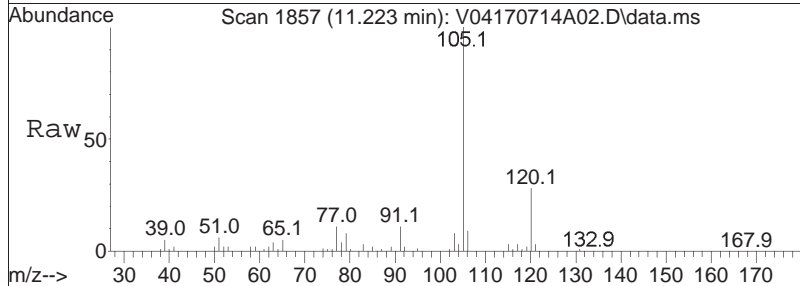
Tgt Ion	Resp	Lower	Upper
83	33867		
131	11.4	0.0	30.9
85	66.1	45.3	85.3

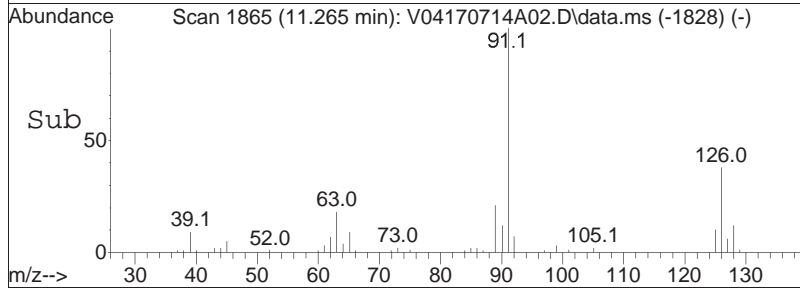
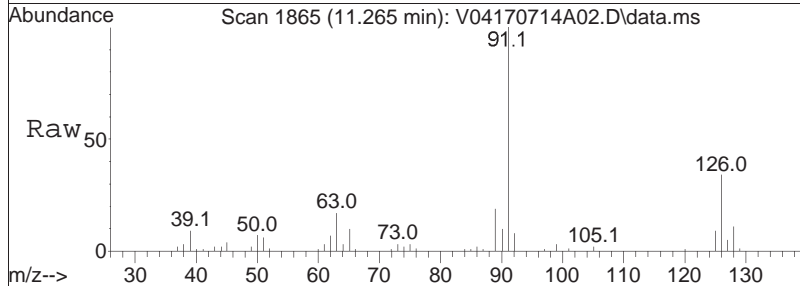
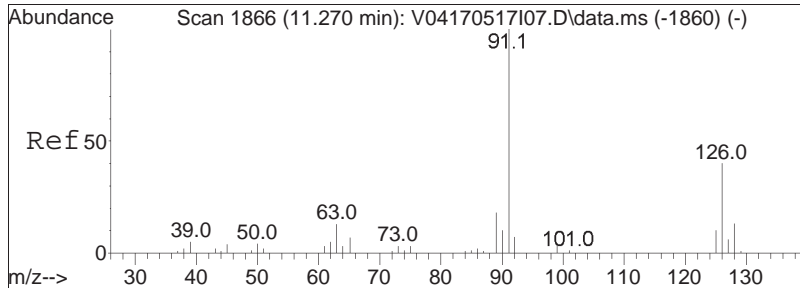




#88
 4-Ethyltoluene
 Concen: 20.36 ug/L
 RT: 11.223 min Scan# 1857
 Delta R.T. 0.000 min
 Lab File: V04170714A02.D
 Acq: 14 Jul 2017 8:08

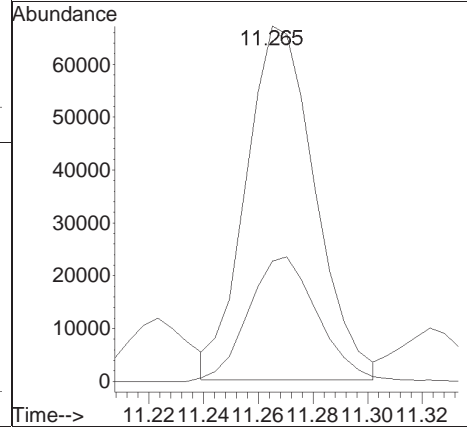
Tgt Ion	Resp	Lower	Upper
105	100		
120	28.6	19.5	40.5

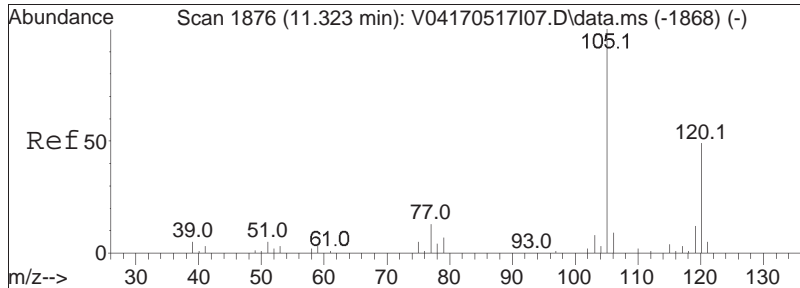




#89
 2-Chlorotoluene
 Concen: 18.74 ug/L
 RT: 11.265 min Scan# 1865
 Delta R.T. -0.005 min
 Lab File: V04170714A02.D
 Acq: 14 Jul 2017 8:08

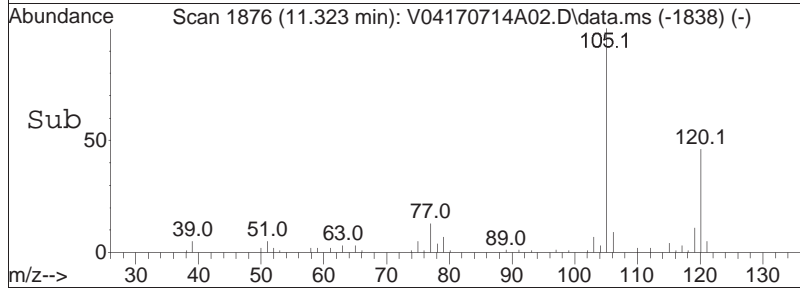
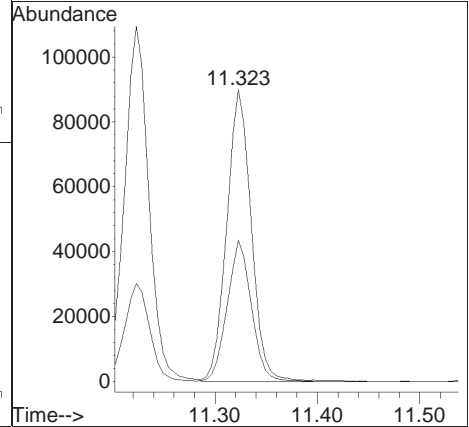
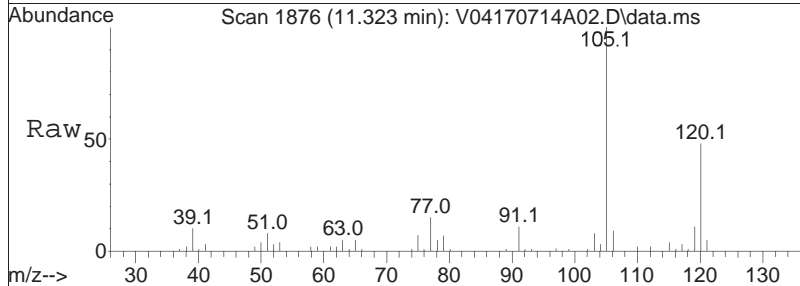
Tgt Ion:	91	126	Resp:	117642
Ion Ratio	100	35.6	Lower	Upper
			29.4	44.0

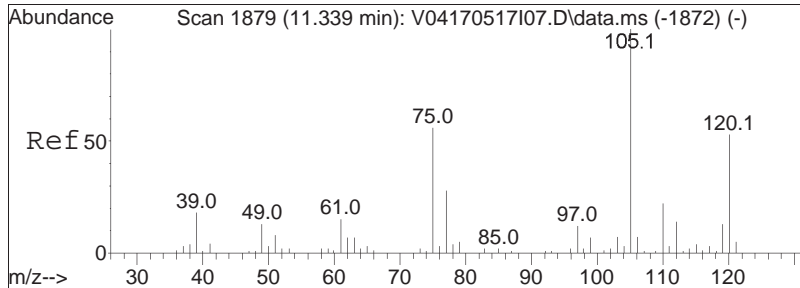




#90
 1,3,5-Trimethylbenzene
 Concen: 19.18 ug/L
 RT: 11.323 min Scan# 1876
 Delta R.T. -0.000 min
 Lab File: V04170714A02.D
 Acq: 14 Jul 2017 8:08

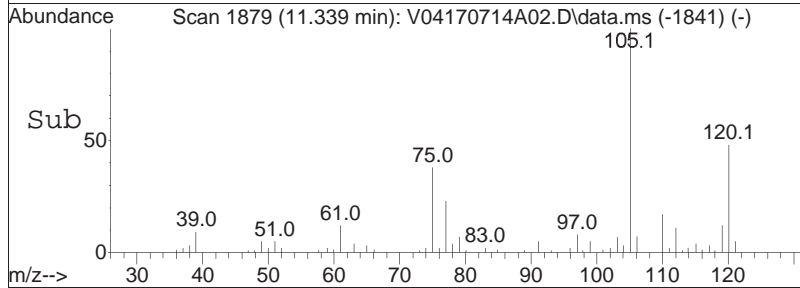
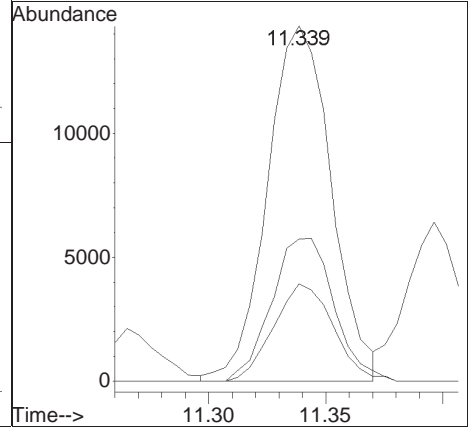
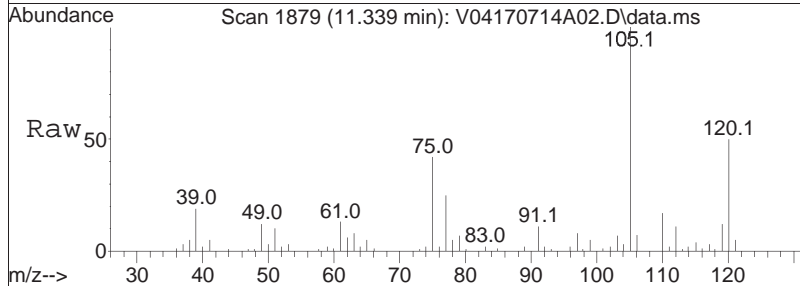
Tgt Ion	Resp	Lower	Upper
105	100		
120	47.7	38.9	58.3

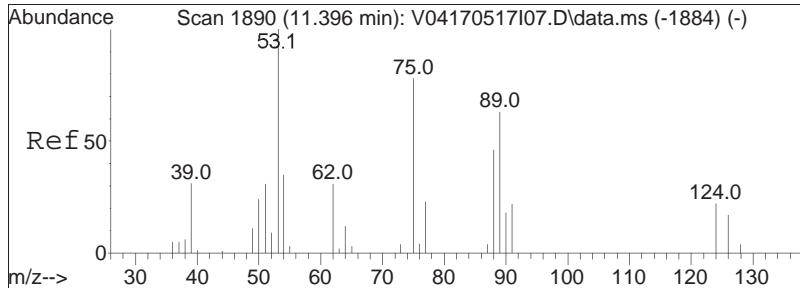




#91
 1,2,3-Trichloropropane
 Concen: 17.78 ug/L
 RT: 11.339 min Scan# 1879
 Delta R.T. -0.000 min
 Lab File: V04170714A02.D
 Acq: 14 Jul 2017 8:08

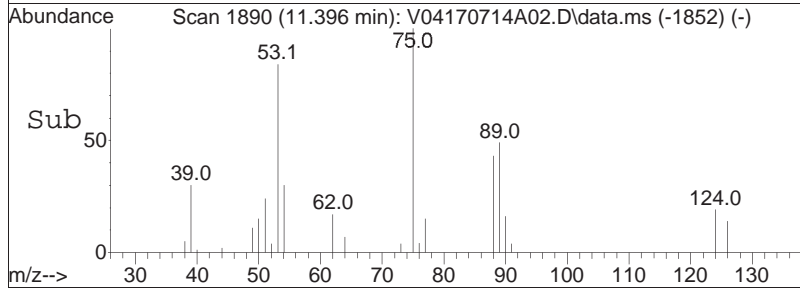
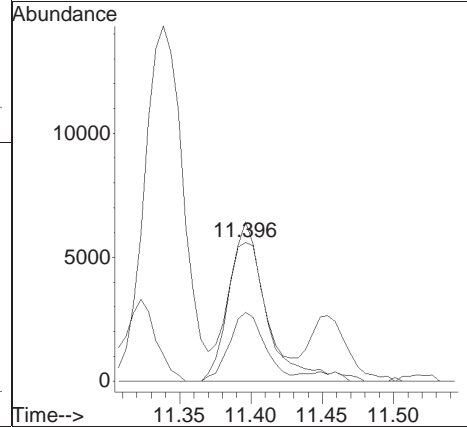
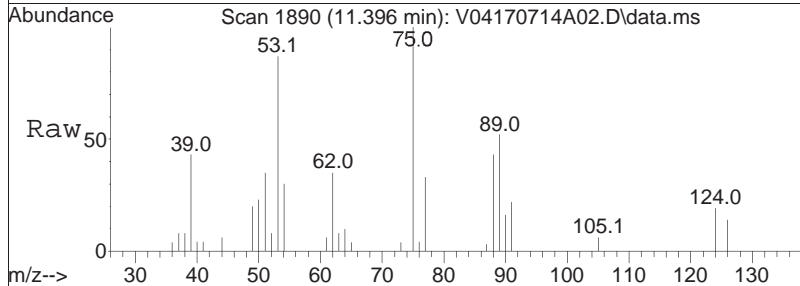
Tgt Ion	Resp	Lower	Upper
75	100		
110	39.4	23.7	49.3
112	25.7	15.0	31.2

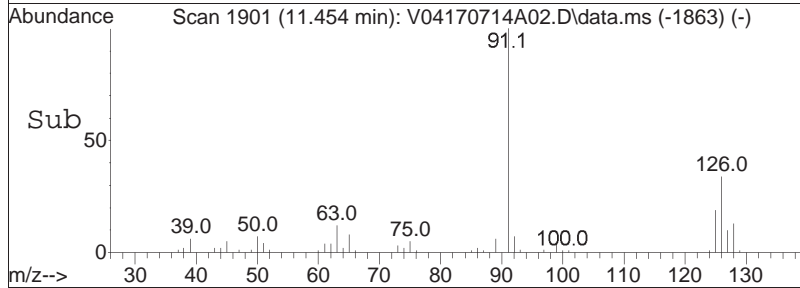
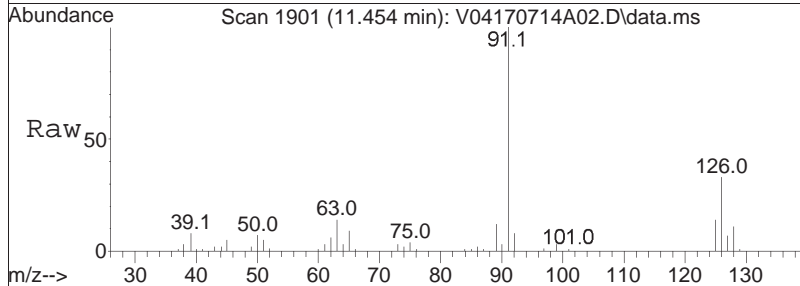
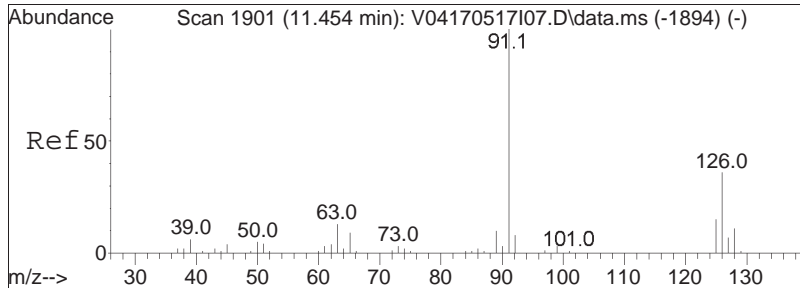




#92
 trans-1,4-Dichloro-2-butene
 Concen: 20.00 ug/L
 RT: 11.396 min Scan# 1890
 Delta R.T. 0.000 min
 Lab File: V04170714A02.D
 Acq: 14 Jul 2017 8:08

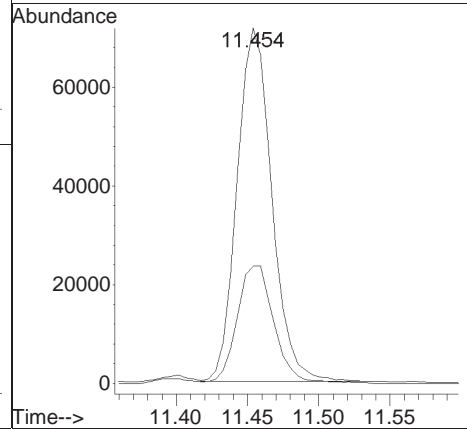
Tgt Ion	Resp	Lower	Upper
53	11461		
53	100		
88	43.1	33.1	49.7
75	95.6	89.1	133.7

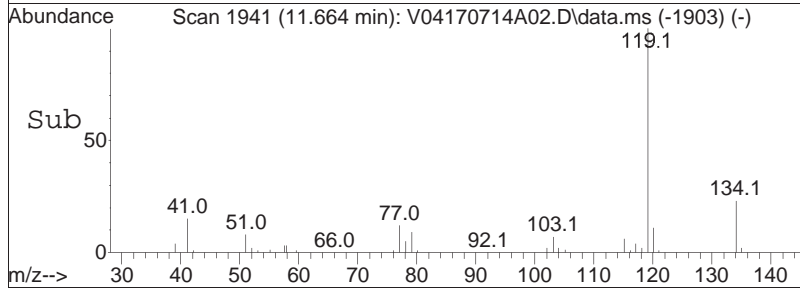
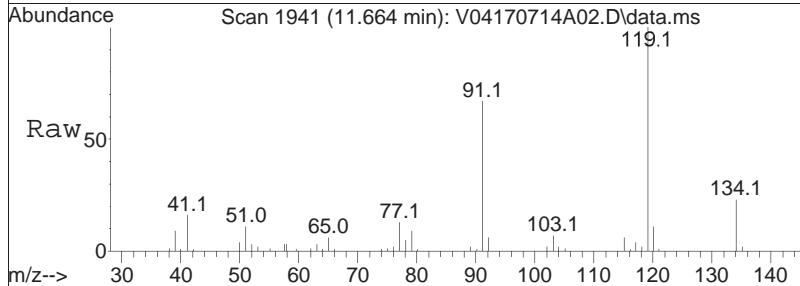
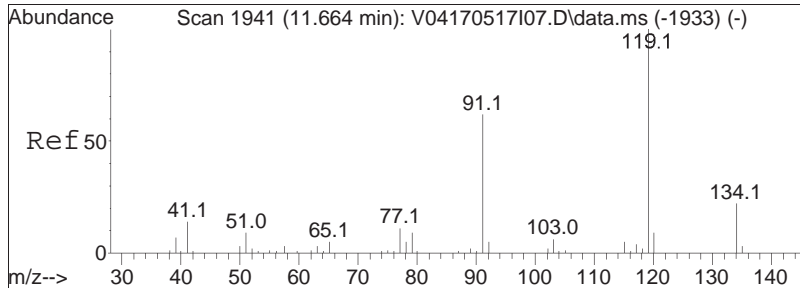




#93
 4-Chlorotoluene
 Concen: 19.17 ug/L
 RT: 11.454 min Scan# 1901
 Delta R.T. -0.000 min
 Lab File: V04170714A02.D
 Acq: 14 Jul 2017 8:08

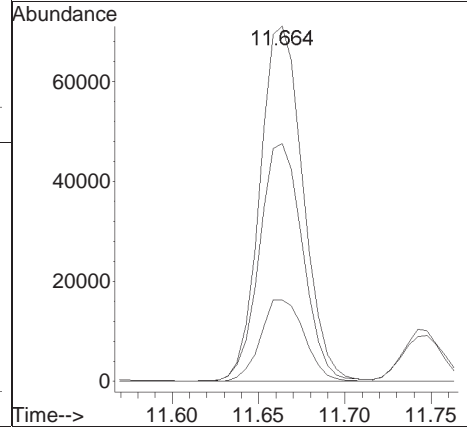
Tgt Ion:	91	126	Resp:	121159
Ion Ratio	100	35.6	Lower	Upper
			28.9	43.3

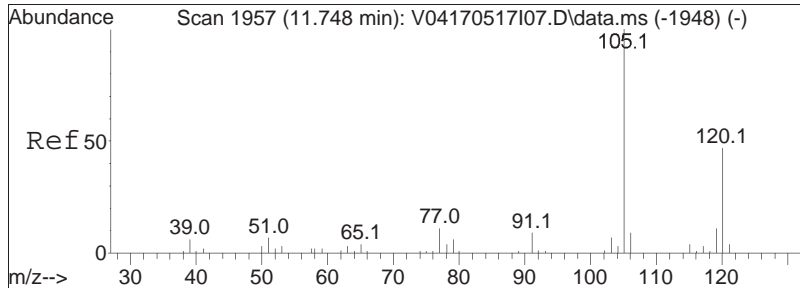




#94
 tert-Butylbenzene
 Concen: 18.85 ug/L
 RT: 11.664 min Scan# 1941
 Delta R.T. -0.000 min
 Lab File: V04170714A02.D
 Acq: 14 Jul 2017 8:08

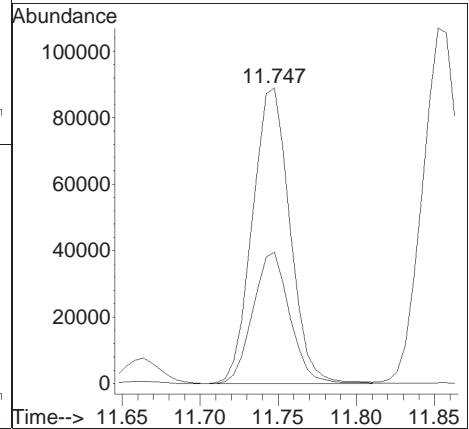
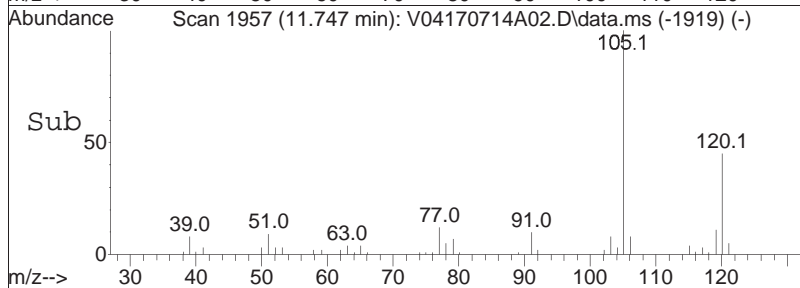
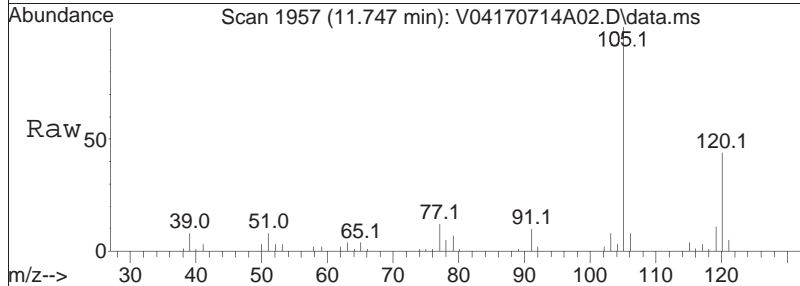
Tgt Ion	Ratio	Lower	Upper
119	100		
91	67.5	51.4	77.0
134	23.4	19.8	29.6

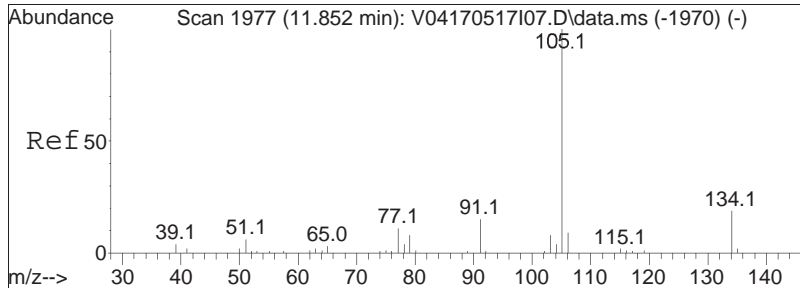




#97
 1,2,4-Trimethylbenzene
 Concen: 19.06 ug/L
 RT: 11.747 min Scan# 1957
 Delta R.T. -0.001 min
 Lab File: V04170714A02.D
 Acq: 14 Jul 2017 8:08

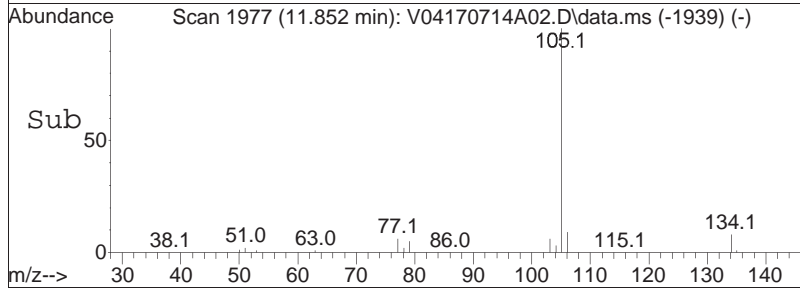
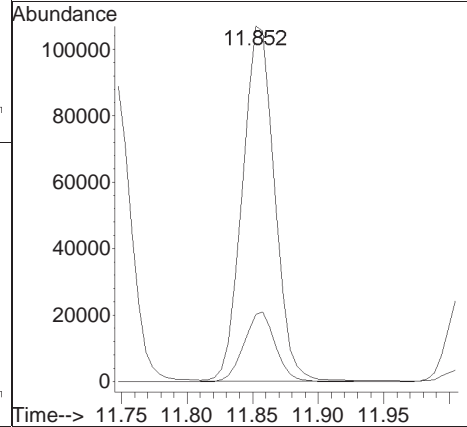
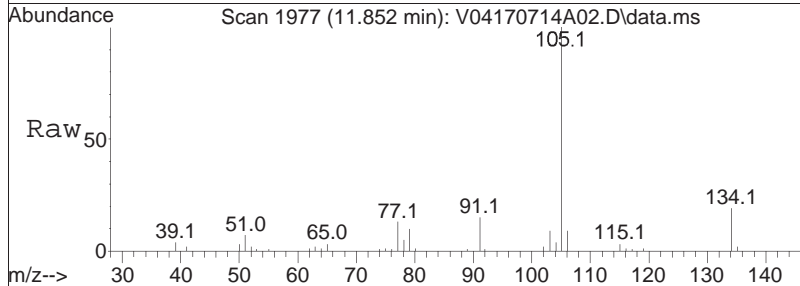
Tgt Ion	Resp	Lower	Upper
105	100		
120	43.6	36.8	55.2

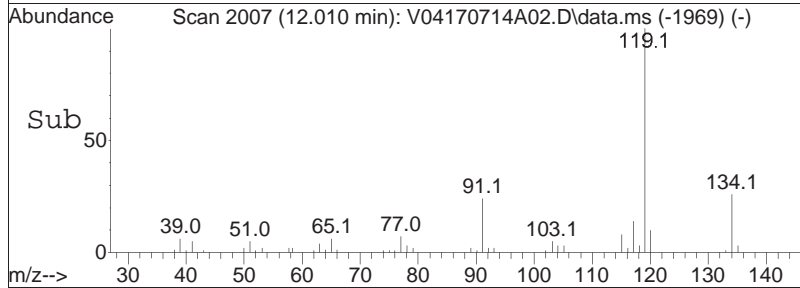
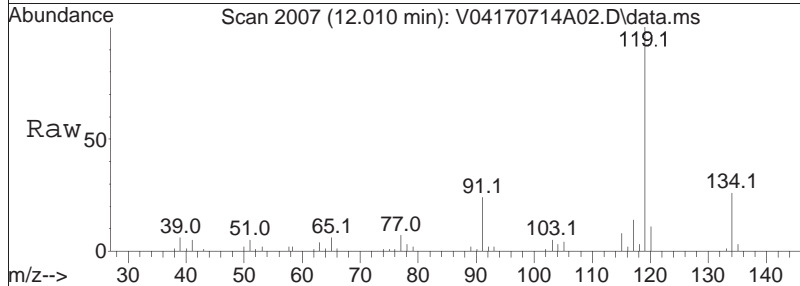
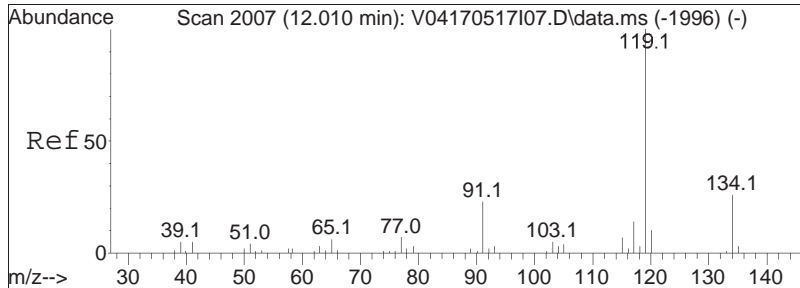




#98
 sec-Butylbenzene
 Concen: 18.68 ug/L
 RT: 11.852 min Scan# 1977
 Delta R.T. 0.000 min
 Lab File: V04170714A02.D
 Acq: 14 Jul 2017 8:08

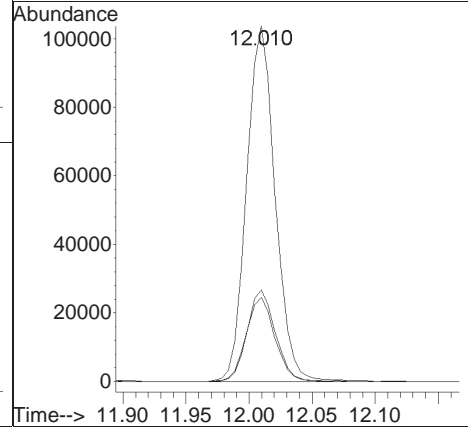
Tgt Ion	Resp	Lower	Upper
105	100		
134	18.8	12.9	26.9

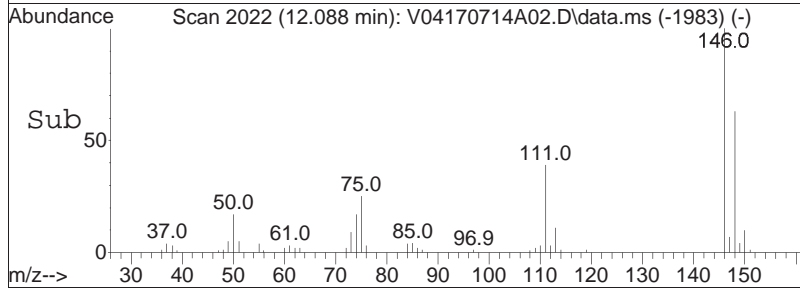
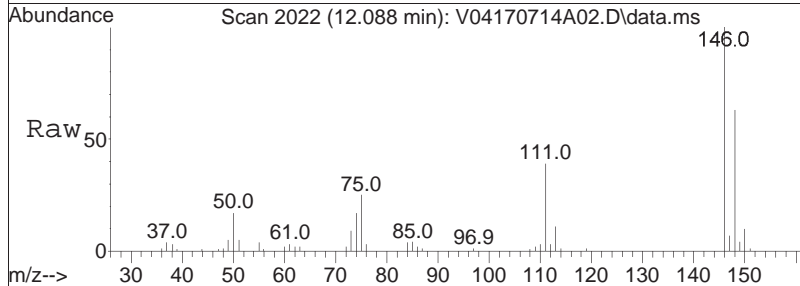
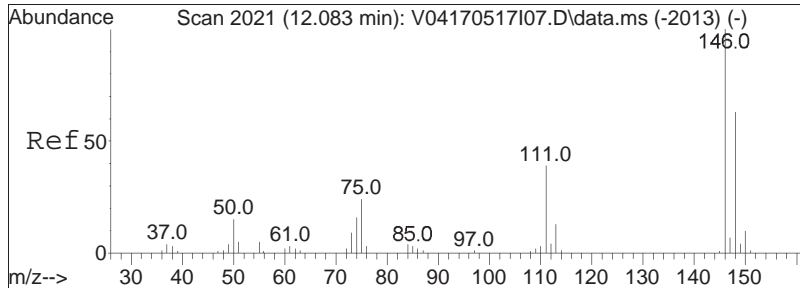




#99
 p-Isopropyltoluene
 Concen: 19.50 ug/L
 RT: 12.010 min Scan# 2007
 Delta R.T. -0.000 min
 Lab File: V04170714A02.D
 Acq: 14 Jul 2017 8:08

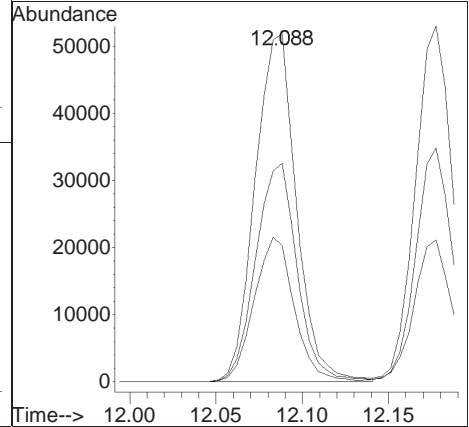
Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.3	17.2	35.8
91	23.8	14.4	30.0

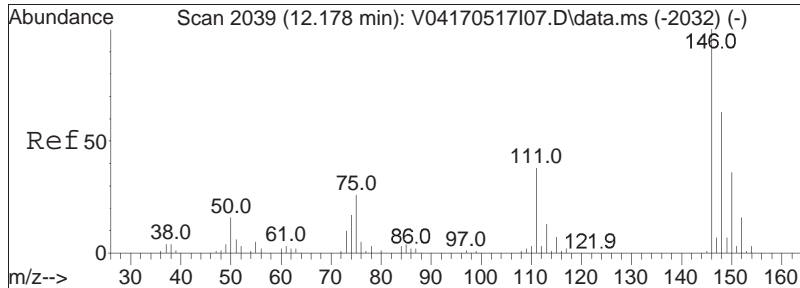




#100
 1,3-Dichlorobenzene
 Concen: 18.32 ug/L
 RT: 12.088 min Scan# 2022
 Delta R.T. 0.005 min
 Lab File: V04170714A02.D
 Acq: 14 Jul 2017 8:08

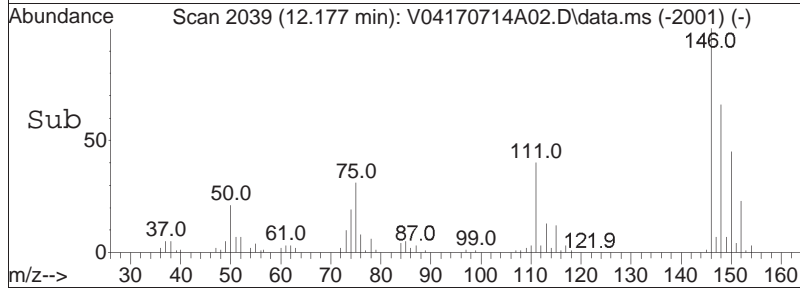
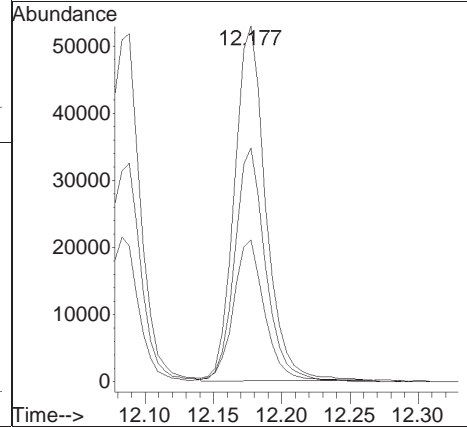
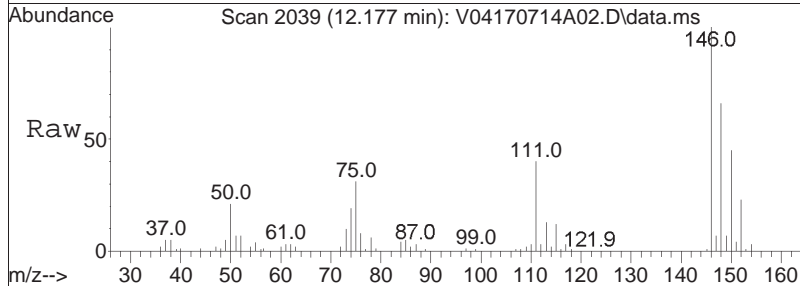
Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.2	24.8	51.6
148	62.8	41.2	85.6

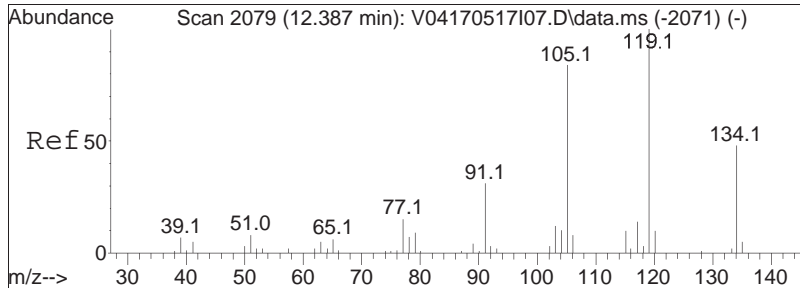




#101
 1,4-Dichlorobenzene
 Concen: 17.72 ug/L
 RT: 12.177 min Scan# 2039
 Delta R.T. -0.001 min
 Lab File: V04170714A02.D
 Acq: 14 Jul 2017 8:08

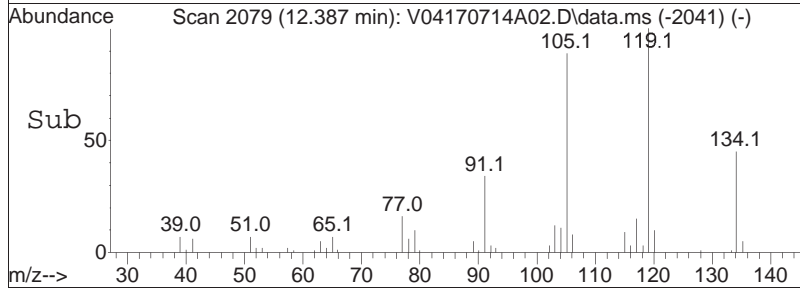
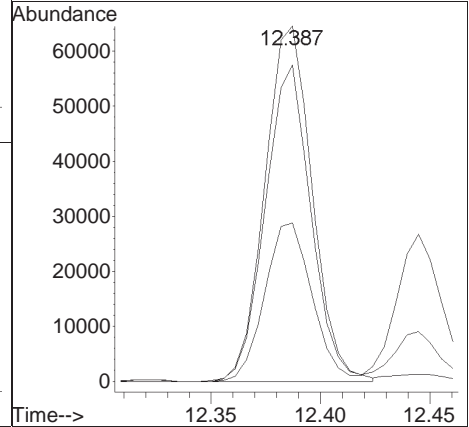
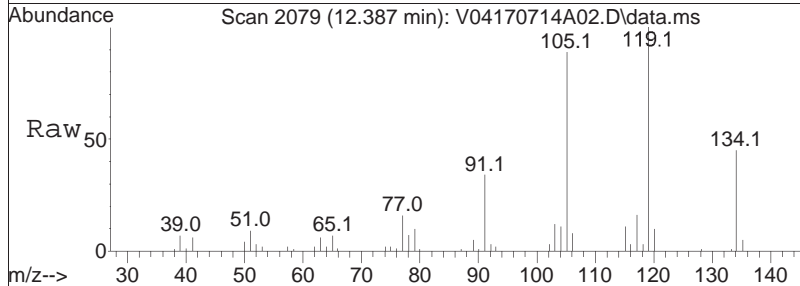
Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.0	30.6	45.8
148	65.0	51.0	76.4

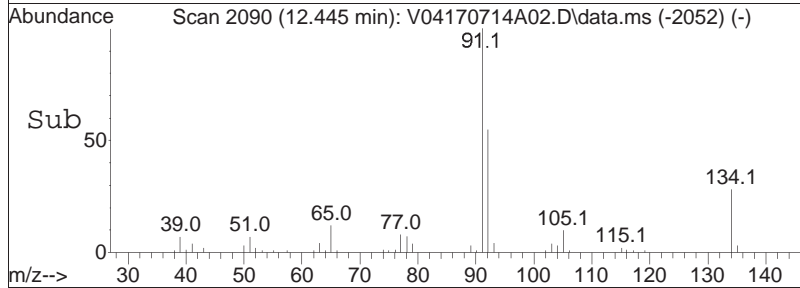
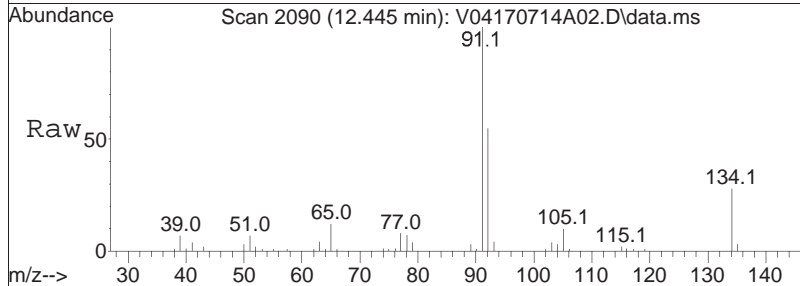
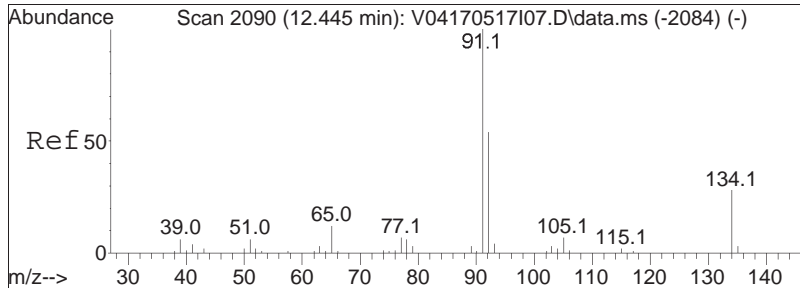




#102
 p-Diethylbenzene
 Concen: 19.77 ug/L
 RT: 12.387 min Scan# 2079
 Delta R.T. 0.000 min
 Lab File: V04170714A02.D
 Acq: 14 Jul 2017 8:08

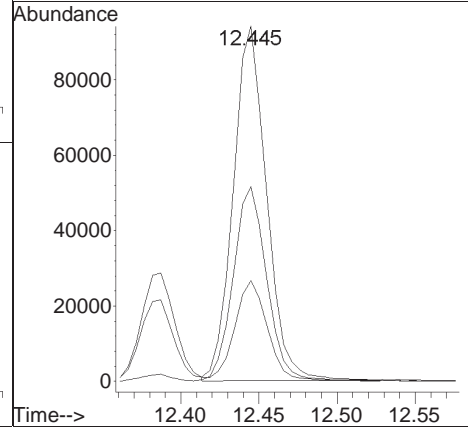
Tgt Ion	Resp	Lower	Upper
119	100		
105	86.1	55.3	114.8
134	44.5	30.7	63.9

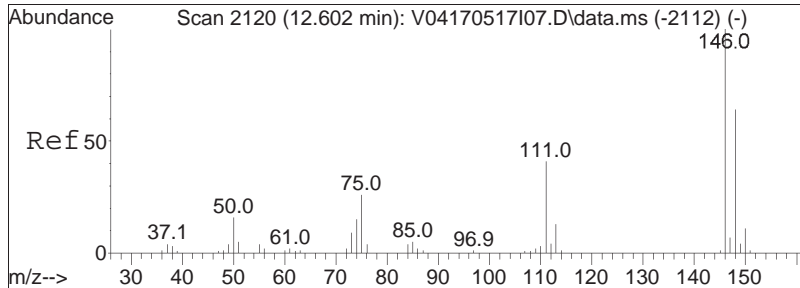




#103
 n-Butylbenzene
 Concen: 19.09 ug/L
 RT: 12.445 min Scan# 2090
 Delta R.T. -0.000 min
 Lab File: V04170714A02.D
 Acq: 14 Jul 2017 8:08

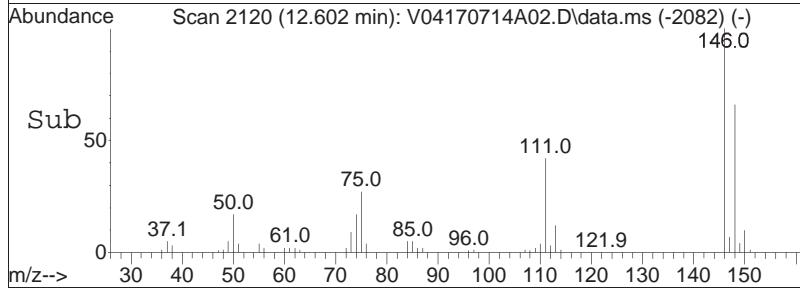
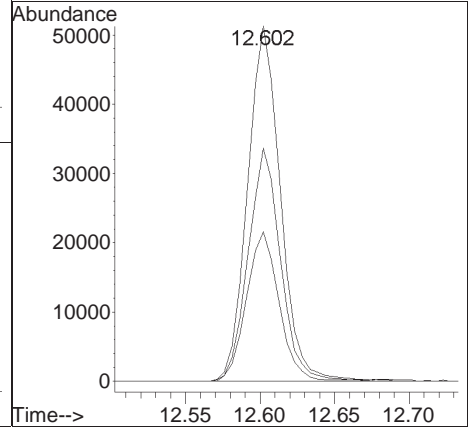
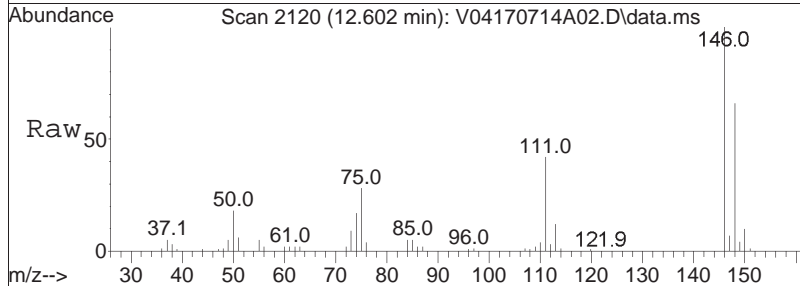
Tgt Ion:	91	Resp:	139453
Ion Ratio	100	Lower	Upper
91	100		
92	55.9	45.0	67.4
134	28.4	23.4	35.0

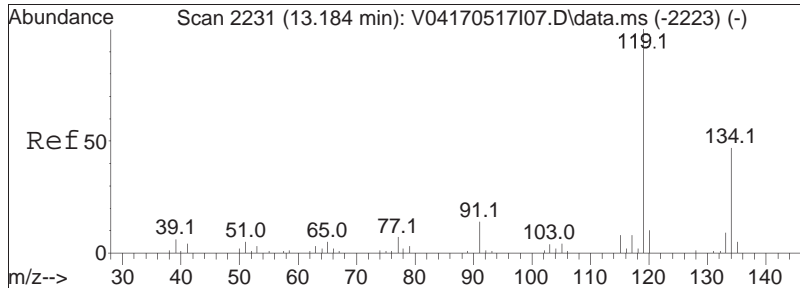




#104
 1,2-Dichlorobenzene
 Concen: 18.05 ug/L
 RT: 12.602 min Scan# 2120
 Delta R.T. 0.000 min
 Lab File: V04170714A02.D
 Acq: 14 Jul 2017 8:08

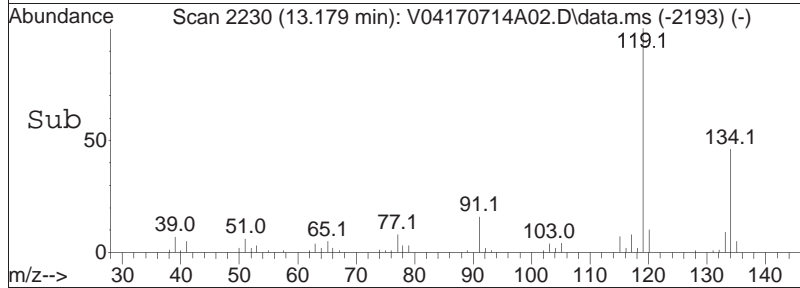
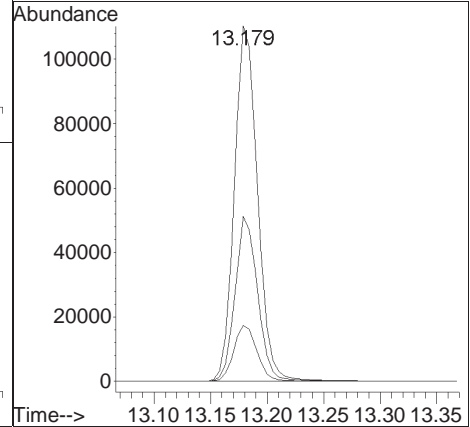
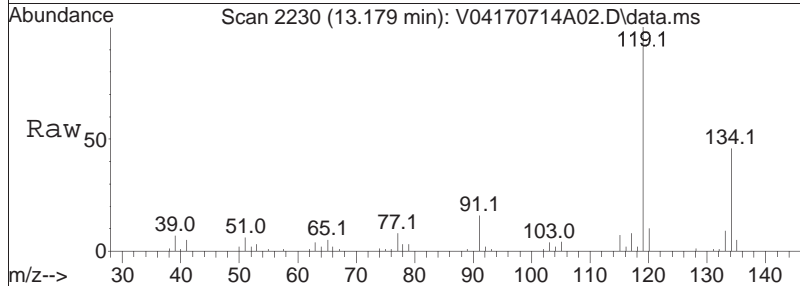
Tgt Ion	Resp	Lower	Upper
146	100		
111	42.0	25.9	53.7
148	64.7	41.5	86.1

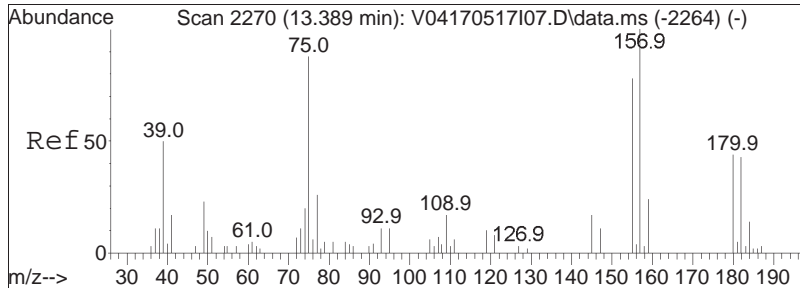




#105
 1,2,4,5-Tetramethylbenzene
 Concen: 19.59 ug/L
 RT: 13.179 min Scan# 2230
 Delta R.T. -0.005 min
 Lab File: V04170714A02.D
 Acq: 14 Jul 2017 8:08

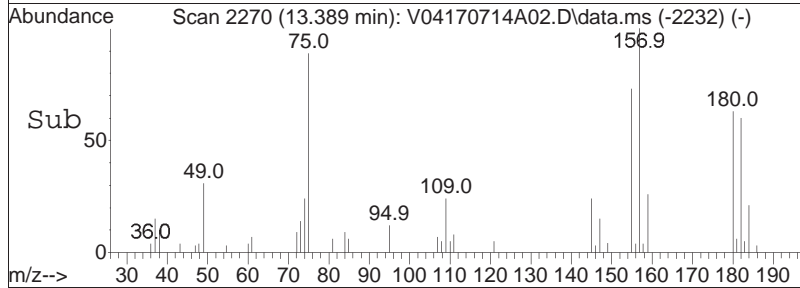
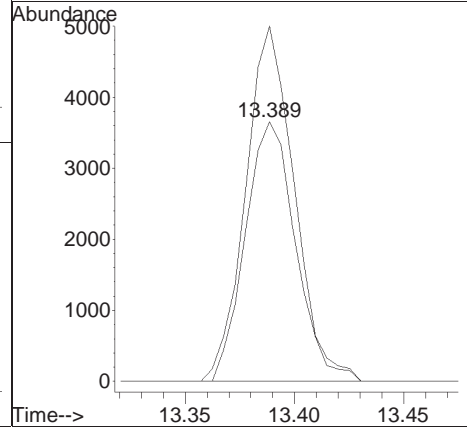
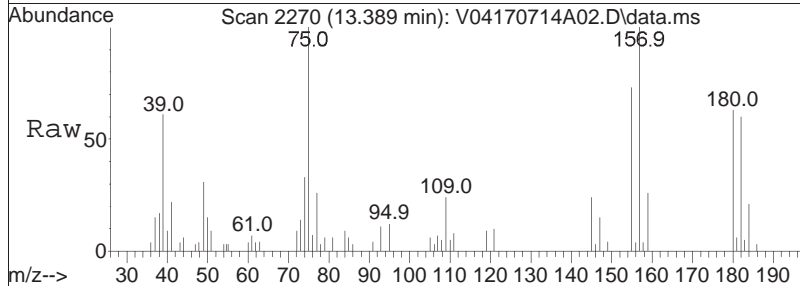
Tgt Ion	Resp	Lower	Upper
119	100		
134	45.2	31.6	65.6
91	15.8	9.8	20.3

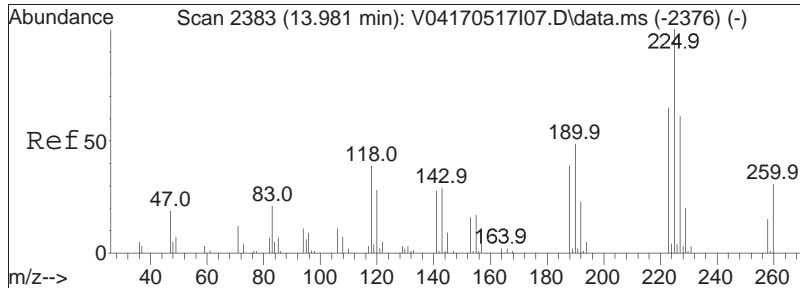




#106
 1,2-Dibromo-3-chloropropane
 Concen: 16.36 ug/L
 RT: 13.389 min Scan# 2270
 Delta R.T. -0.000 min
 Lab File: V04170714A02.D
 Acq: 14 Jul 2017 8:08

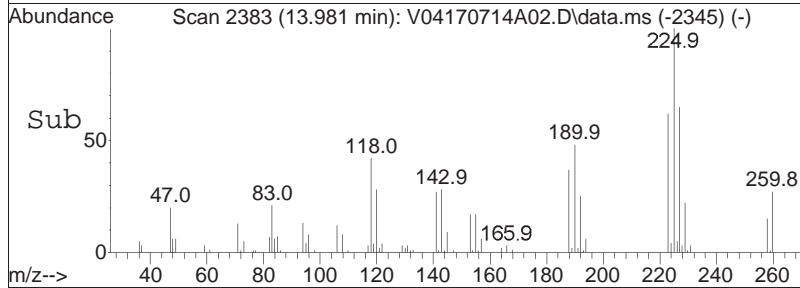
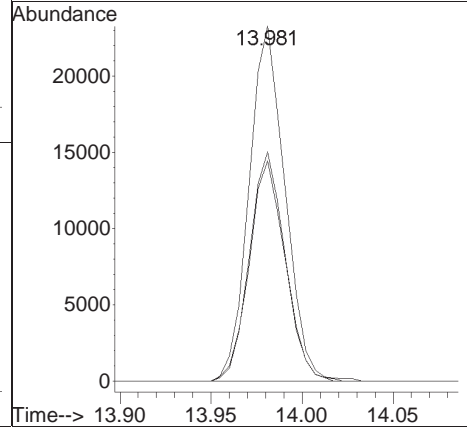
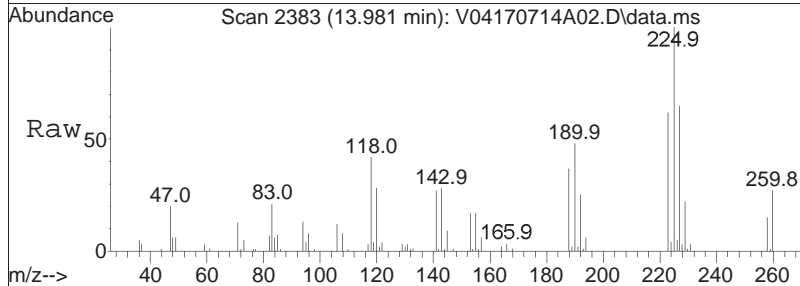
Tgt Ion	Resp	Lower	Upper
155	100		
157	132.3	104.3	156.5

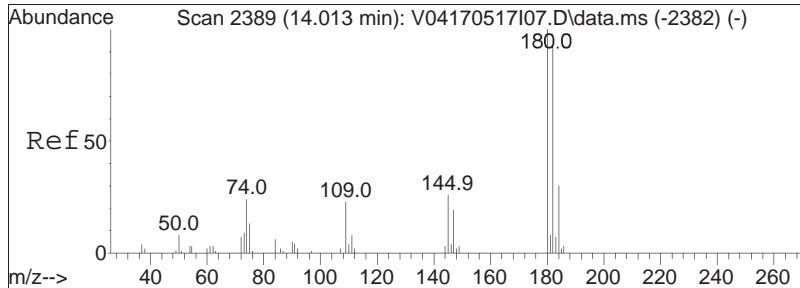




#108
 Hexachlorobutadiene
 Concen: 19.59 ug/L
 RT: 13.981 min Scan# 2383
 Delta R.T. 0.000 min
 Lab File: V04170714A02.D
 Acq: 14 Jul 2017 8:08

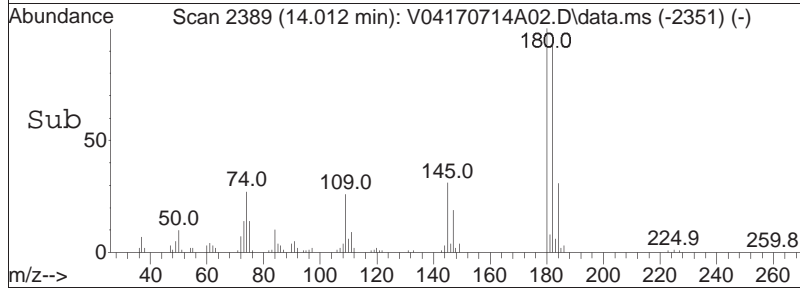
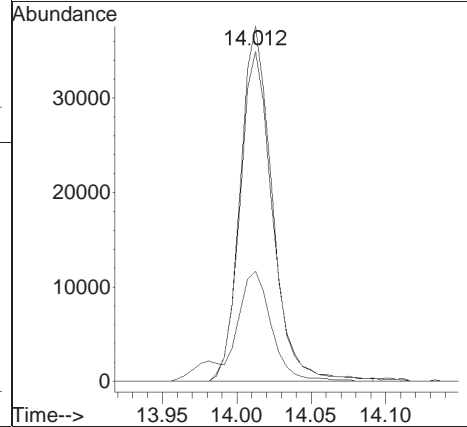
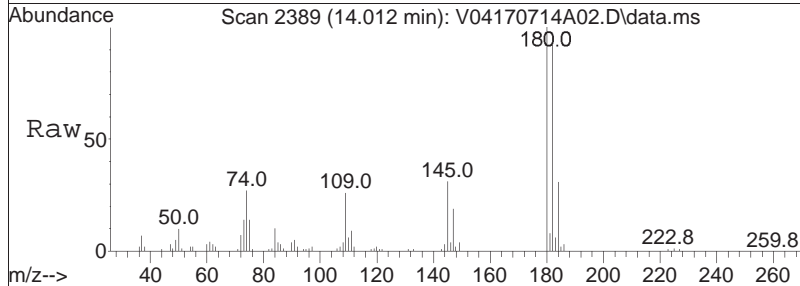
Tgt Ion	Resp	Lower	Upper
225	32007		
223	62.3	50.2	75.2
227	64.1	51.0	76.6

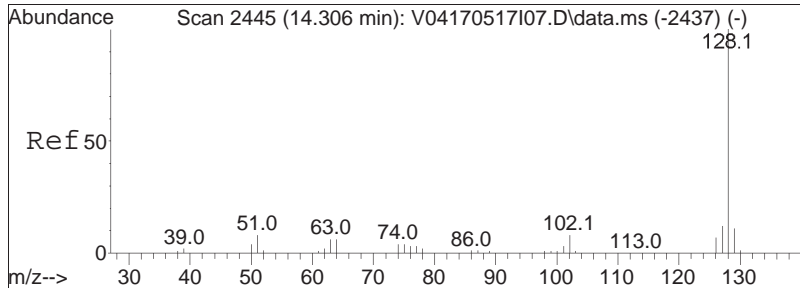




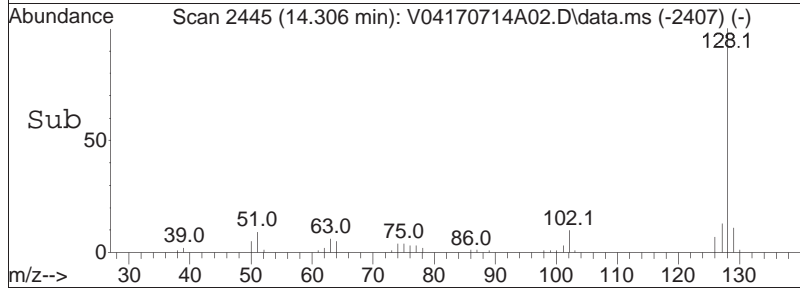
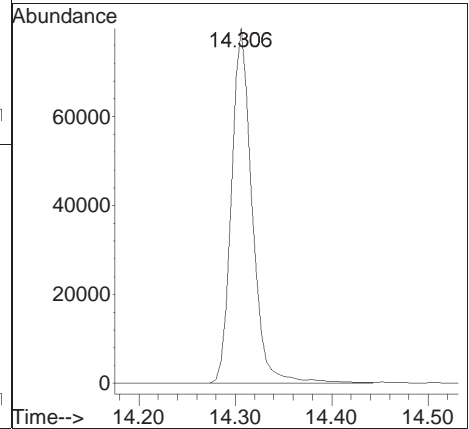
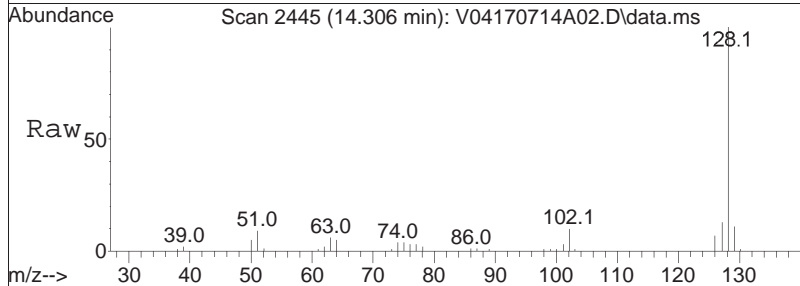
#109
 1,2,4-Trichlorobenzene
 Concen: 17.54 ug/L
 RT: 14.012 min Scan# 2389
 Delta R.T. -0.001 min
 Lab File: V04170714A02.D
 Acq: 14 Jul 2017 8:08

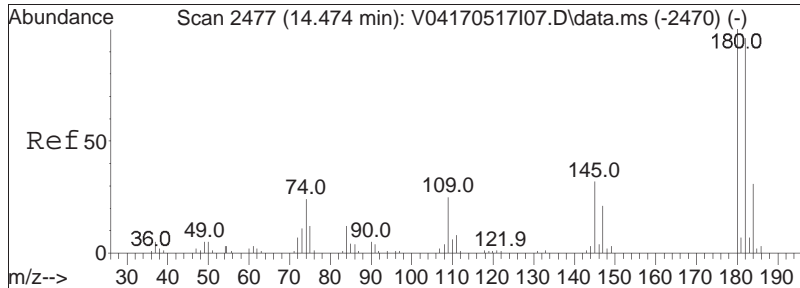
Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	76.2	114.4
145	36.8	26.6	39.8





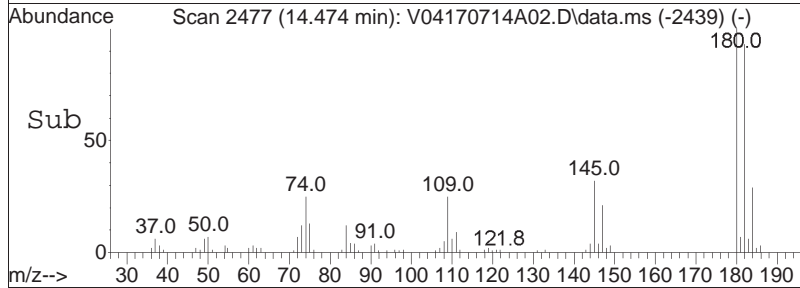
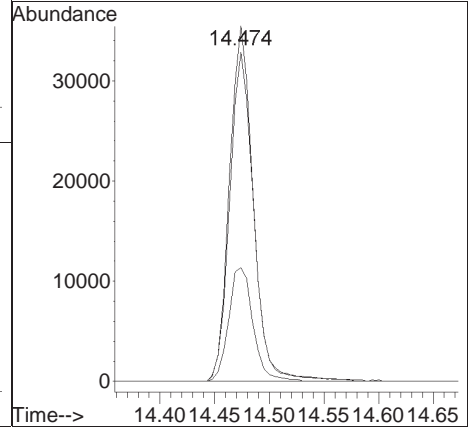
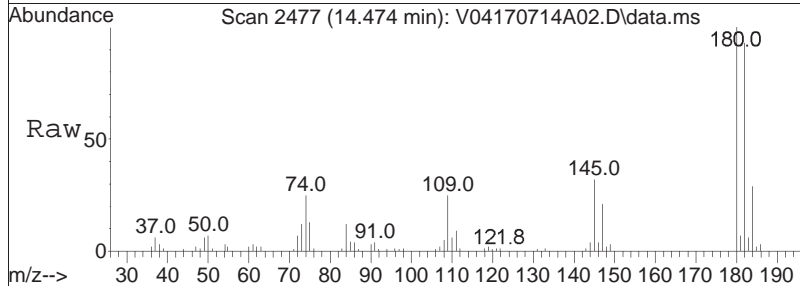
#110
 Naphthalene
 Concen: 17.24 ug/L
 RT: 14.306 min Scan# 2445
 Delta R.T. 0.000 min
 Lab File: V04170714A02.D
 Acq: 14 Jul 2017 8:08
 Tgt Ion:128 Resp: 119535





#111
 1,2,3-Trichlorobenzene
 Concen: 18.05 ug/L
 RT: 14.474 min Scan# 2477
 Delta R.T. -0.000 min
 Lab File: V04170714A02.D
 Acq: 14 Jul 2017 8:08

Tgt Ion	Resp	Lower	Upper
180	100		
182	93.5	76.9	115.3
145	32.6	24.3	36.5



Manual Integration Report

Data Path : I:\VOLATILES\VOA104\2017\1QMethod : V104_170517_8260.m
Data File : V04170714A02.D Operator : VOA104:MV
Date Inj'd : 7/14/2017 8:08 Instrument : VOA 104
Sample : WG1022759-4,31,5,5 Quant Date : 7/14/2017 10:02 am

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA117\2017\170716A\
 Data File : V17170716A02.D
 Acq On : 16 Jul 2017 08:26 am
 Operator : VOA117:CBN
 Sample : WG1023115-4,31,5,5
 Misc : WG1023115,ICAL13689
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 16 11:39:57 2017
 Quant Method : I:\VOLATILES\VOA117\2017\170716A\V117_170525_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 25 12:01:44 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA117\2017\170716A\V17170716A01.D
 Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Fluorobenzene	6.347	96	145830	20.000	ug/L	0.00
Standard Area 1 = 144303			Recovery = 101.06%			
59) Chlorobenzene-d5	9.913	117	112861	20.000	ug/L	0.00
Standard Area 1 = 109443			Recovery = 103.12%			
79) 1,4-Dichlorobenzene-d4	12.534	152	62947	20.000	ug/L	0.00
Standard Area 1 = 60580			Recovery = 103.91%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.519	113	38753	19.913	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 99.56%			
43) 1,2-Dichloroethane-d4	6.064	65	36529	18.336	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 91.68%			
60) Toluene-d8	8.057	98	150050	20.539	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 102.70%			
83) 4-Bromofluorobenzene	11.355	95	56318	20.488	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 102.44%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.781	85	63183	19.784	ug/L	98
3) Chloromethane	1.990	50	76121	19.573	ug/L	99
4) Vinyl chloride	2.069	62	61134	16.150	ug/L	100
5) Bromomethane	2.410	94	32493	13.347	ug/L	99
6) Chloroethane	2.546	64	28956	14.336	ug/L	99
7) Trichlorofluoromethane	2.688	101	78303	16.126	ug/L	98
8) Ethyl ether	3.013	74	20751	19.950	ug/L	93
10) 1,1-Dichloroethene	3.207	96	47330	20.699	ug/L	95
11) Carbon disulfide	3.233	76	152539	17.686	ug/L	99
15) Methylene chloride	3.789	84	51416	20.177	ug/L	83
17) Acetone	3.847	43	7767	17.872	ug/L	94
18) trans-1,2-Dichloroethene	3.941	96	50619	20.195	ug/L	98
20) Methyl tert-butyl ether	4.056	73	103682	18.301	ug/L	95
23) 1,1-Dichloroethane	4.549	63	103916	19.897	ug/L	99
25) Acrylonitrile	4.602	53	11662	19.987	ug/L #	91
27) Vinyl acetate	4.790	43	89389	18.527	ug/L	98
28) cis-1,2-Dichloroethene	5.073	96	52544	19.601	ug/L	97
29) 2,2-Dichloropropane	5.189	77	77897	19.808	ug/L	87
30) Bromochloromethane	5.273	128	23478	19.877	ug/L	96
32) Chloroform	5.336	83	91668	19.471	ug/L	96

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA117\2017\170716A\
 Data File : V17170716A02.D
 Acq On : 16 Jul 2017 08:26 am
 Operator : VOA117:CBN
 Sample : WG1023115-4,31,5,5
 Misc : WG1023115,ICAL13689
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 16 11:39:57 2017
 Quant Method : I:\VOLATILES\VOA117\2017\170716A\V117_170525_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 25 12:01:44 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA117\2017\170716A\V17170716A01.D
 Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Carbon tetrachloride	5.482	117	77278	20.456	ug/L	100
37) 1,1,1-Trichloroethane	5.556	97	86166	19.905	ug/L	99
39) 2-Butanone	5.650	43	11764	17.448	ug/L #	63
40) 1,1-Dichloropropene	5.676	75	65685	19.127	ug/L	100
41) Benzene	5.928	78	201554	19.543	ug/L	98
44) 1,2-Dichloroethane	6.133	62	59659	17.208	ug/L	100
48) Trichloroethene	6.521	95	59102	19.766	ug/L	97
50) Dibromomethane	6.966	93	25656	18.393	ug/L	96
51) 1,2-Dichloropropane	7.082	63	59078	19.596	ug/L	100
54) Bromodichloromethane	7.139	83	64235	18.713	ug/L	99
57) 1,4-Dioxane	7.359	88	12974	821.396	ug/L	93
58) cis-1,3-Dichloropropene	7.842	75	72900	18.798	ug/L #	87
61) Toluene	8.114	92	122118	20.181	ug/L	97
62) 4-Methyl-2-pentanone	8.555	58	11344	18.788	ug/L	79
63) Tetrachloroethene	8.560	166	60693	21.506	ug/L	98
65) trans-1,3-Dichloropropene	8.592	75	60004	19.231	ug/L #	82
68) 1,1,2-Trichloroethane	8.780	83	31849	19.776	ug/L	99
69) Chlorodibromomethane	8.990	129	48195	20.266	ug/L	100
70) 1,3-Dichloropropane	9.111	76	53557	19.062	ug/L	99
71) 1,2-Dibromoethane	9.284	107	34005	19.542	ug/L	100
72) 2-Hexanone	9.567	43	18201	16.832	ug/L	95
73) Chlorobenzene	9.934	112	138690	20.092	ug/L	96
74) Ethylbenzene	9.970	91	238138	19.819	ug/L	98
75) 1,1,1,2-Tetrachloroethane	10.012	131	51639	20.485	ug/L	98
76) p/m Xylene	10.154	106	188892	40.892	ug/L	98
77) o Xylene	10.673	106	165545	37.783	ug/L	96
78) Styrene	10.736	104	279104	38.826	ug/L	97
80) Bromoform	10.757	173	31180	20.112	ug/L	100
82) Isopropylbenzene	11.040	105	236420	19.967	ug/L	99
84) Bromobenzene	11.465	156	60149	20.153	ug/L	100
85) n-Propylbenzene	11.501	91	295908	20.072	ug/L	97
87) 1,1,2,2-Tetrachloroethane	11.580	83	41467	19.234	ug/L	98
88) 4-Ethyltoluene	11.622	105	240342	20.314	ug/L	99
89) 2-Chlorotoluene	11.669	91	177725	20.461	ug/L	96
90) 1,3,5-Trimethylbenzene	11.722	105	220124	20.756	ug/L	98
91) 1,2,3-Trichloropropane	11.722	75	31953	18.502	ug/L	95
92) trans-1,4-Dichloro-2-b...	11.769	53	12524	18.430	ug/L	84
93) 4-Chlorotoluene	11.848	91	178254	20.132	ug/L	97
94) tert-Butylbenzene	12.057	119	179640	20.490	ug/L	97

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA117\2017\170716A\
 Data File : V17170716A02.D
 Acq On : 16 Jul 2017 08:26 am
 Operator : VOA117:CBN
 Sample : WG1023115-4,31,5,5
 Misc : WG1023115,ICAL13689
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 16 11:39:57 2017
 Quant Method : I:\VOLATILES\VOA117\2017\170716A\V117_170525_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 25 12:01:44 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA117\2017\170716A\V17170716A01.D
 Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97) 1,2,4-Trimethylbenzene	12.131	105	216283	20.689	ug/L	99
98) sec-Butylbenzene	12.241	105	271676	20.420	ug/L	99
99) p-Isopropyltoluene	12.388	119	231330	20.574	ug/L	99
100) 1,3-Dichlorobenzene	12.456	146	124970	20.512	ug/L	99
101) 1,4-Dichlorobenzene	12.550	146	121521	20.249	ug/L	99
102) p-Diethylbenzene	12.755	119	138731	20.087	ug/L	99
103) n-Butylbenzene	12.812	91	236963	20.389	ug/L	98
104) 1,2-Dichlorobenzene	12.964	146	109374	20.143	ug/L	99
105) 1,2,4,5-Tetramethylben...	13.536	119	205087	19.683	ug/L	98
106) 1,2-Dibromo-3-chloropr...	13.735	155	6362	20.393	ug/L	97
108) Hexachlorobutadiene	14.333	225	57646	22.761	ug/L	100
109) 1,2,4-Trichlorobenzene	14.359	180	86080	21.182	ug/L	98
110) Naphthalene	14.653	128	135143	19.022	ug/L	100
111) 1,2,3-Trichlorobenzene	14.820	180	75508	20.691	ug/L	99

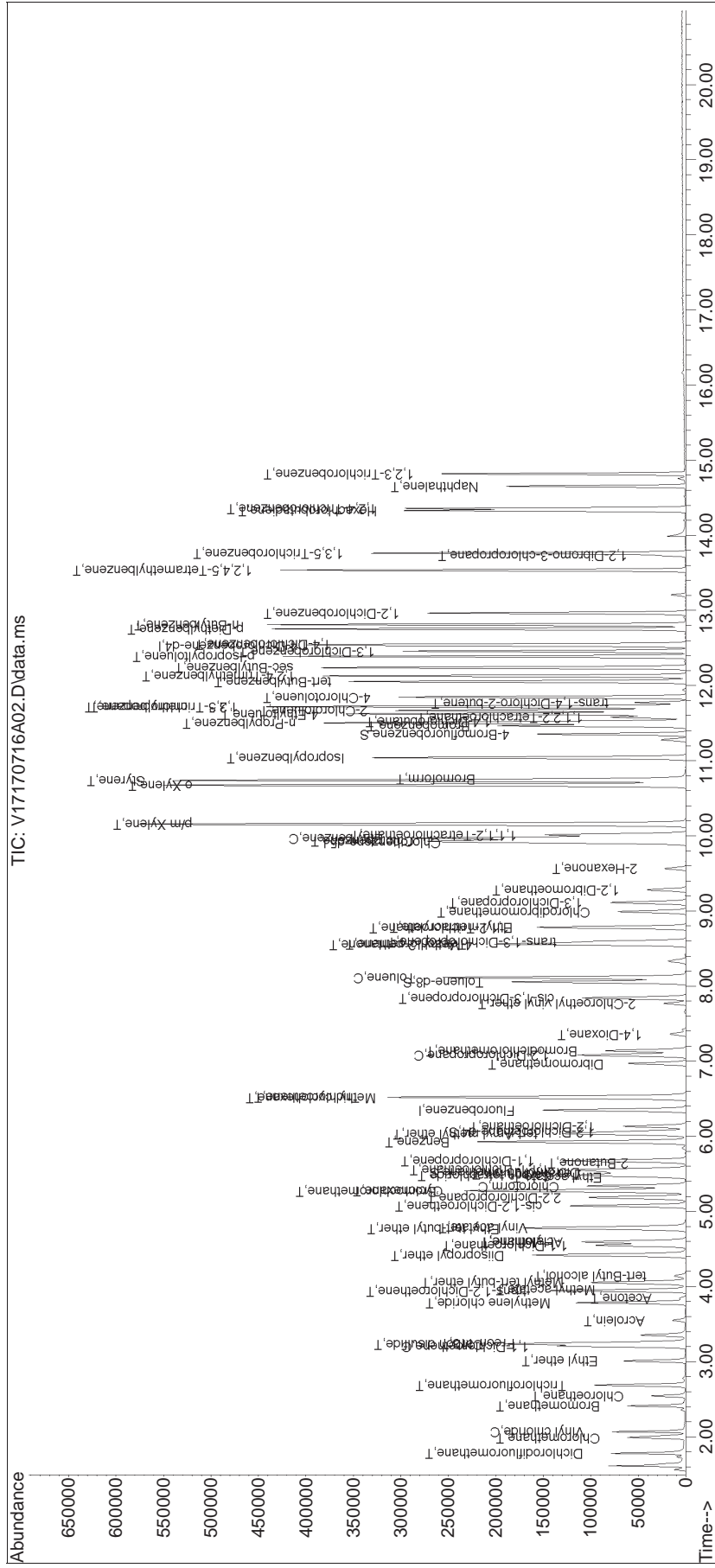
(#) = qualifier out of range (m) = manual integration (+) = signals summed

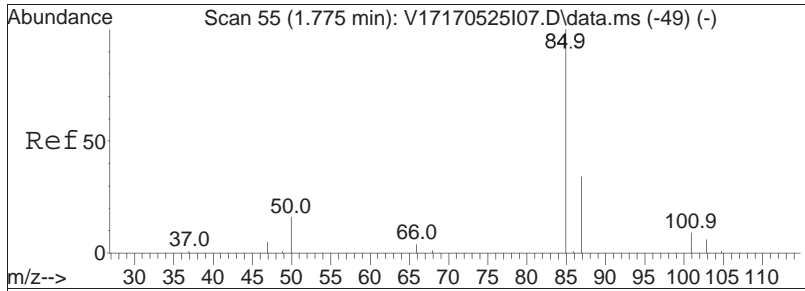
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA117\2017\170716A\
 Data File : V17170716A02.D
 Acq On : 16 Jul 2017 08:26 am
 Operator : VOA117:CBN
 Sample : WG1023115-4,31,5,5
 Misc : WG1023115,ICAL13689
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 16 11:39:57 2017
 Quant Method : I:\VOLATILES\VOA117\2017\170716A\V117_170525_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 25 12:01:44 2017
 Response via : Initial Calibration

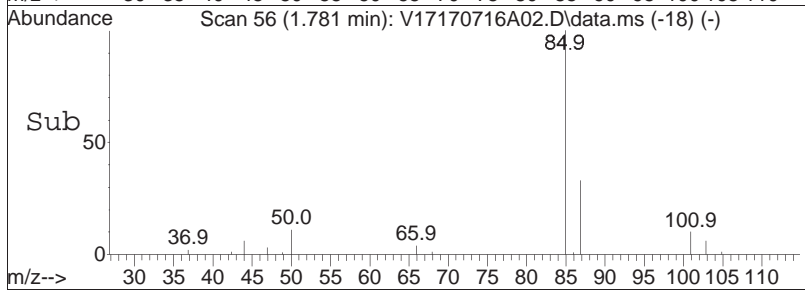
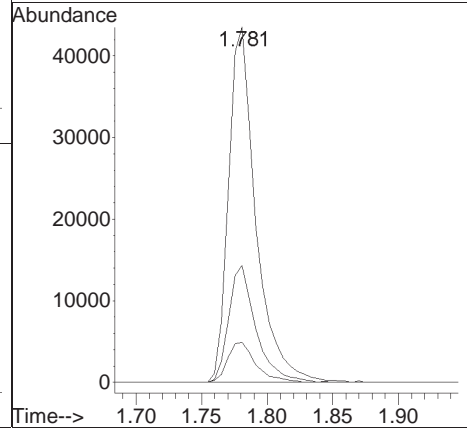
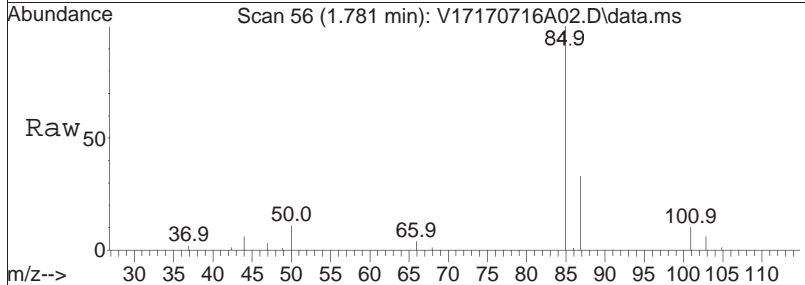
Sub List : 8260-CurveSoil - Megamix plus Diox6A\V17170716A01.D•

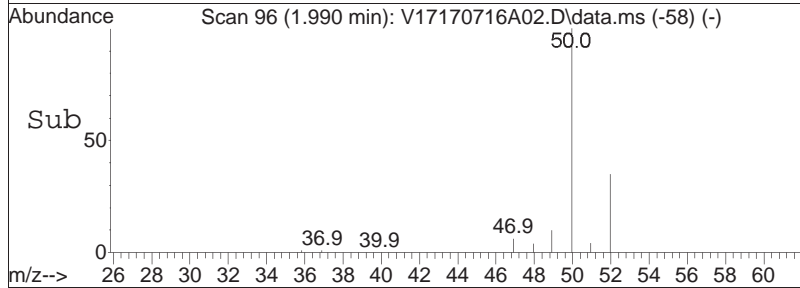
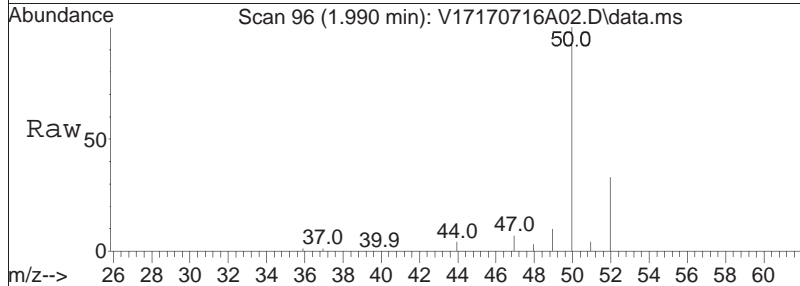
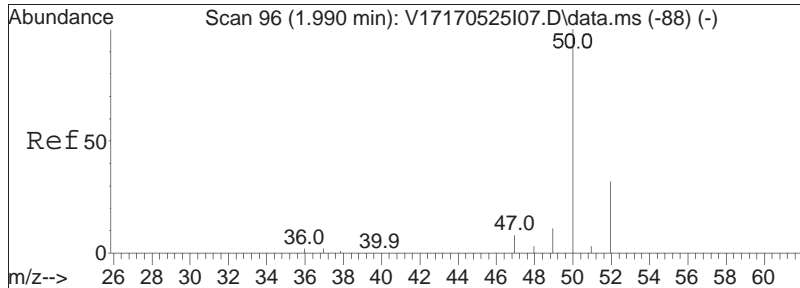




#2
 Dichlorodifluoromethane
 Concen: 19.78 ug/L
 RT: 1.781 min Scan# 56
 Delta R.T. -0.000 min
 Lab File: V17170716A02.D
 Acq: 16 Jul 2017 08:26 am

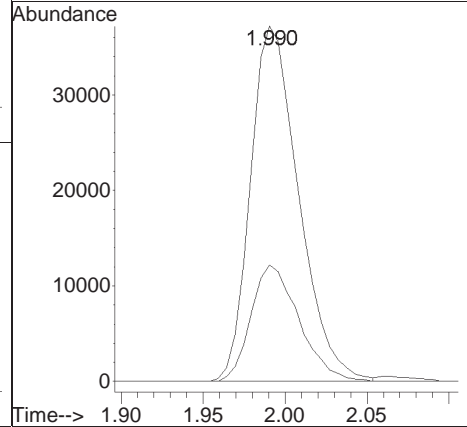
Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.8	20.9	43.5
50	11.7	9.2	19.0

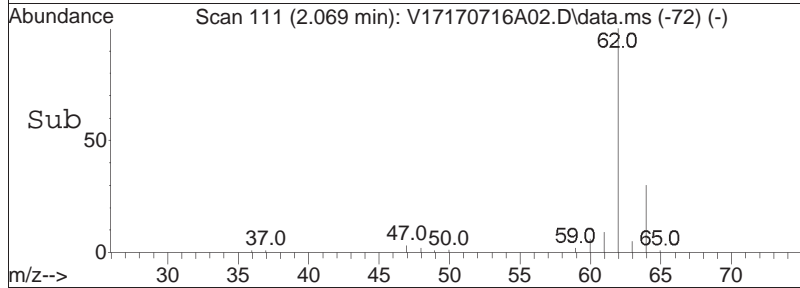
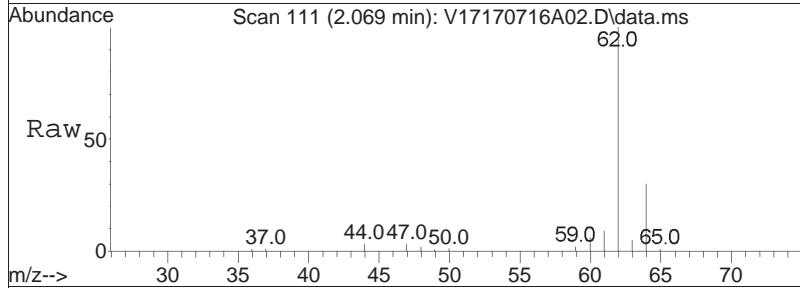
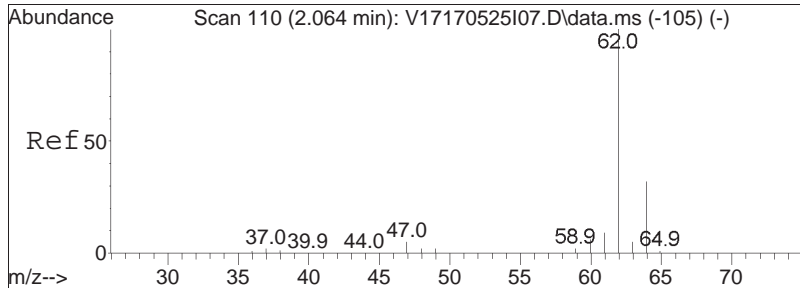




#3
 Chloromethane
 Concen: 19.57 ug/L
 RT: 1.990 min Scan# 96
 Delta R.T. -0.000 min
 Lab File: V17170716A02.D
 Acq: 16 Jul 2017 08:26 am

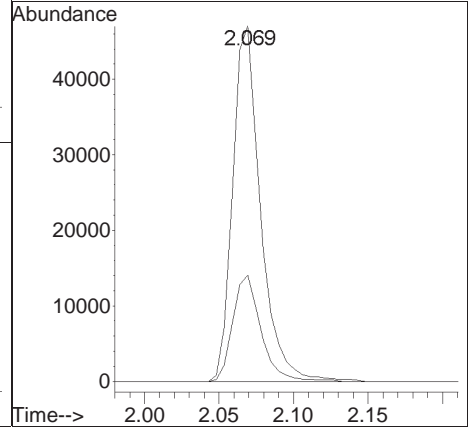
Tgt Ion	Resp	Lower	Upper
50	76121		
52	32.5	11.9	51.9

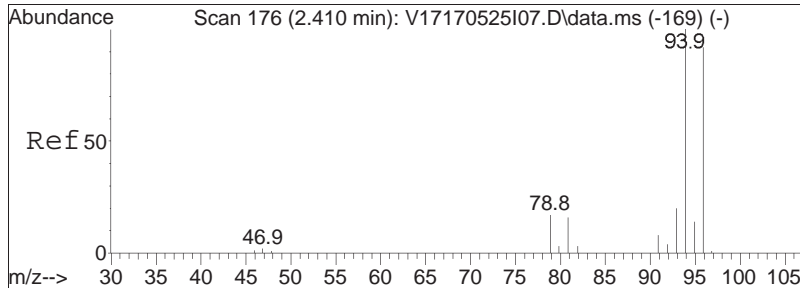




#4
 Vinyl chloride
 Concen: 16.15 ug/L
 RT: 2.069 min Scan# 111
 Delta R.T. 0.005 min
 Lab File: V17170716A02.D
 Acq: 16 Jul 2017 08:26 am

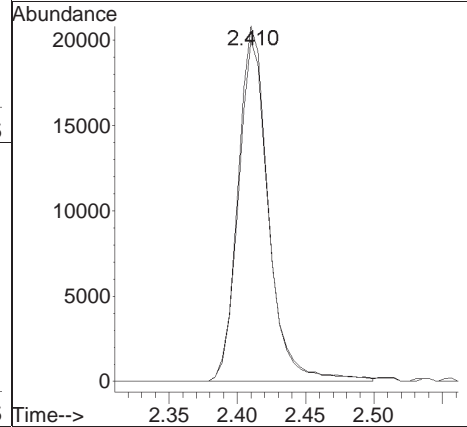
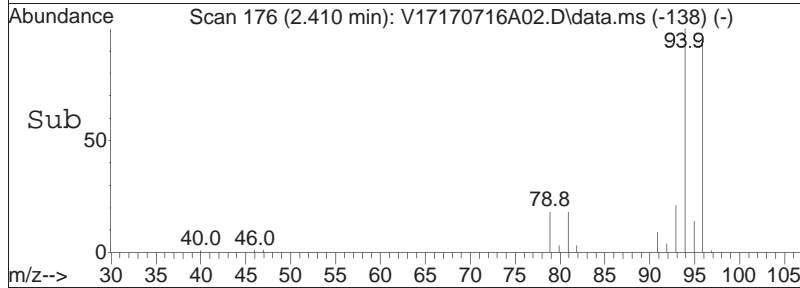
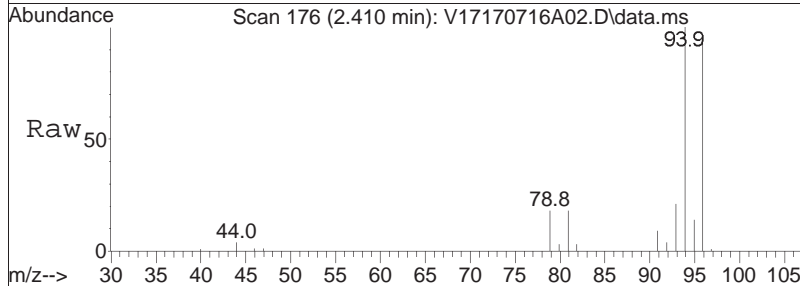
Tgt Ion	Resp	Lower	Upper
62	100		
64	30.2	10.2	50.2

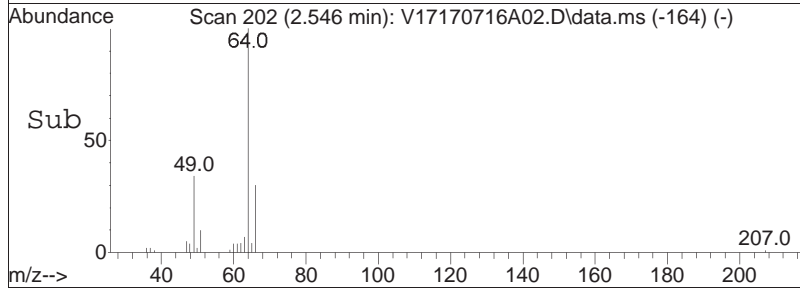
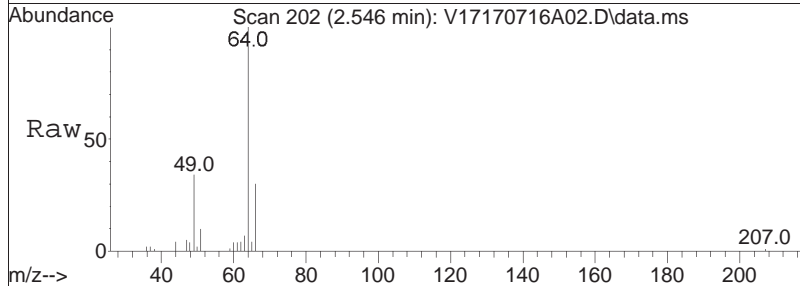
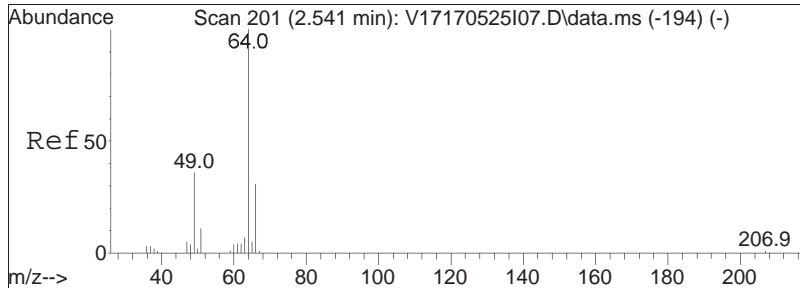




#5
 Bromomethane
 Concen: 13.35 ug/L
 RT: 2.410 min Scan# 176
 Delta R.T. -0.000 min
 Lab File: V17170716A02.D
 Acq: 16 Jul 2017 08:26 am

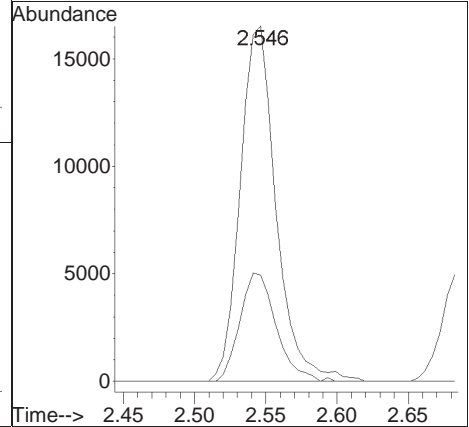
Tgt Ion: 94 Resp: 32493
 Ion Ratio Lower Upper
 94 100
 96 95.3 74.6 114.6

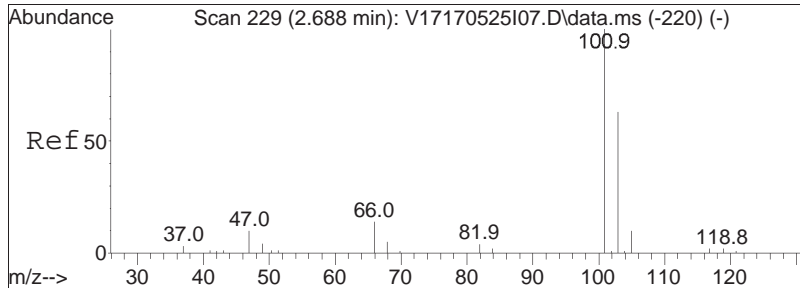




#6
 Chloroethane
 Concen: 14.34 ug/L
 RT: 2.546 min Scan# 202
 Delta R.T. -0.000 min
 Lab File: V17170716A02.D
 Acq: 16 Jul 2017 08:26 am

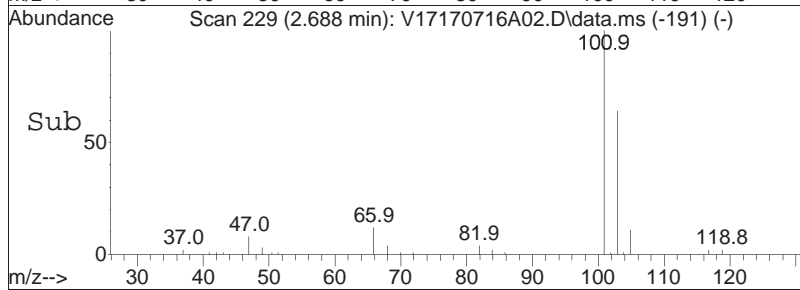
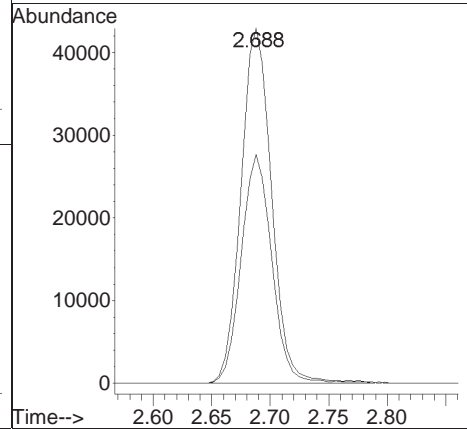
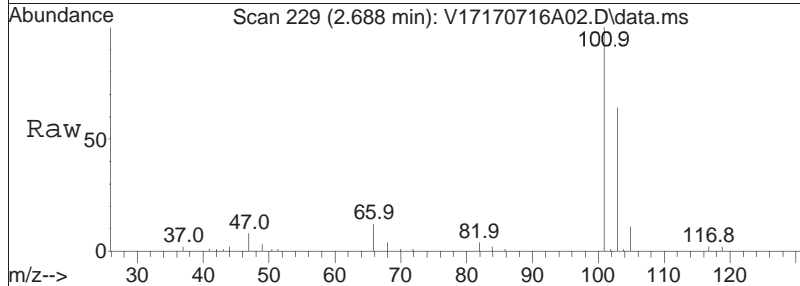
Tgt Ion	Resp	Lower	Upper
64	100		
66	30.9	11.2	51.2

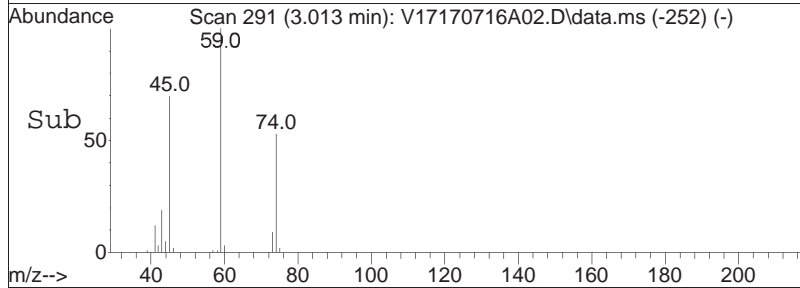
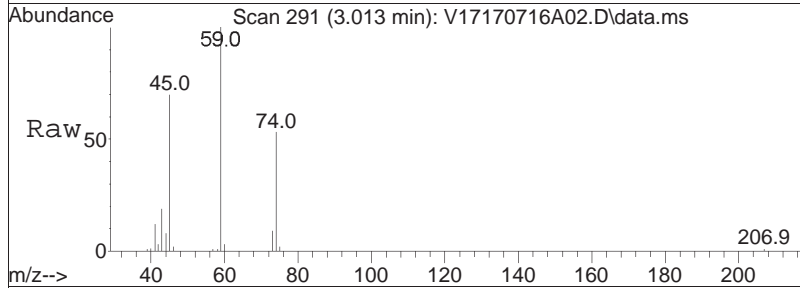
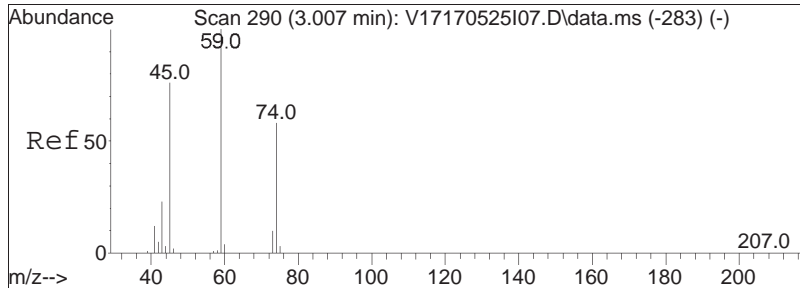




#7
 Trichlorofluoromethane
 Concen: 16.13 ug/L
 RT: 2.688 min Scan# 229
 Delta R.T. -0.000 min
 Lab File: V17170716A02.D
 Acq: 16 Jul 2017 08:26 am

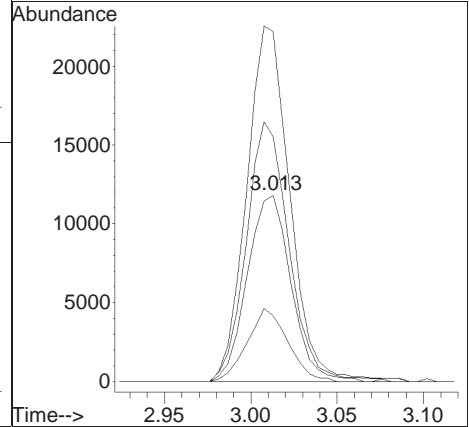
Tgt Ion	Resp	Lower	Upper
101	78303		
101	100		
103	64.0	52.6	78.8

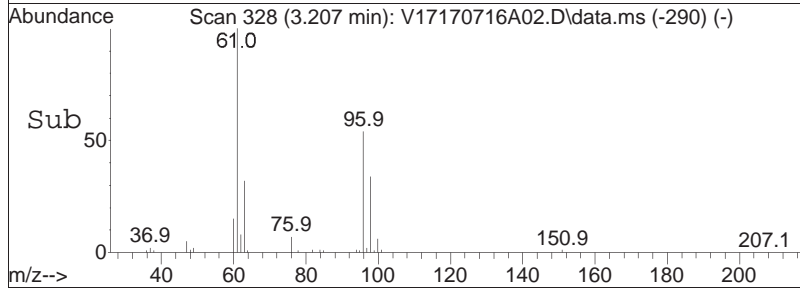
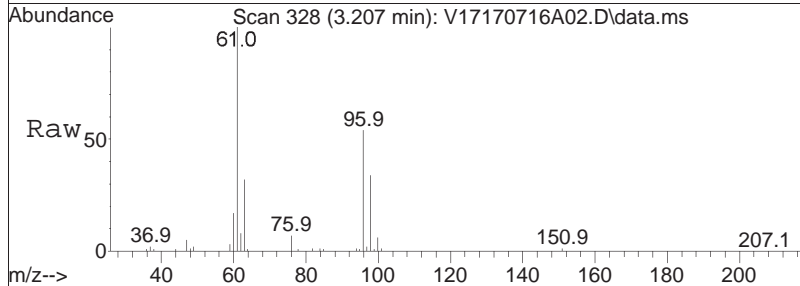
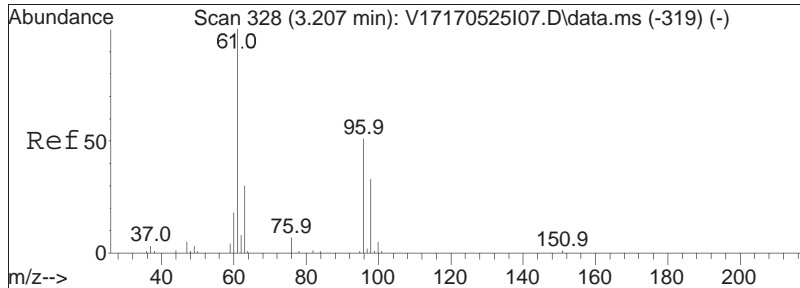




#8
 Ethyl ether
 Concen: 19.95 ug/L
 RT: 3.013 min Scan# 291
 Delta R.T. 0.005 min
 Lab File: V17170716A02.D
 Acq: 16 Jul 2017 08:26 am

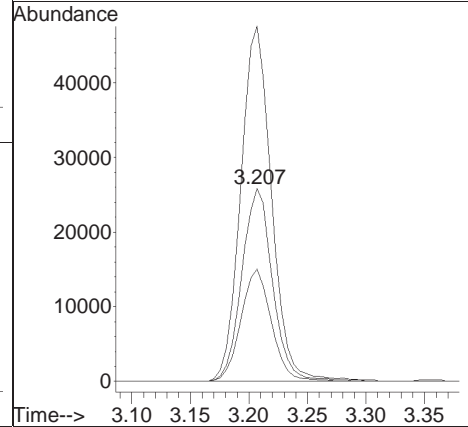
Tgt Ion	Resp	Lower	Upper
74	100		
59	188.6	122.6	254.6
45	136.5	102.1	212.1
43	36.4	24.8	51.6

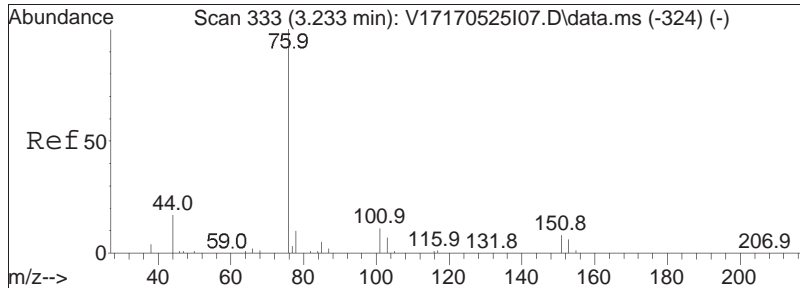




#10
 1,1-Dichloroethene
 Concen: 20.70 ug/L
 RT: 3.207 min Scan# 328
 Delta R.T. -0.000 min
 Lab File: V17170716A02.D
 Acq: 16 Jul 2017 08:26 am

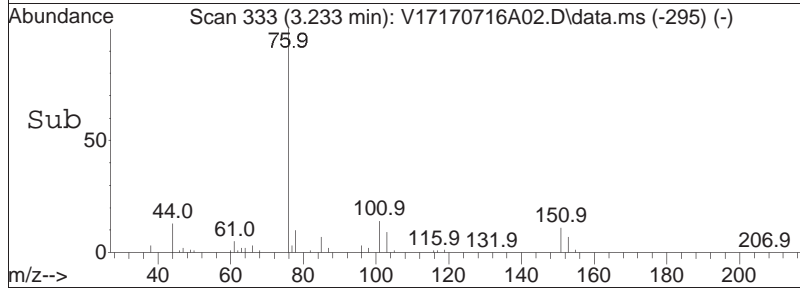
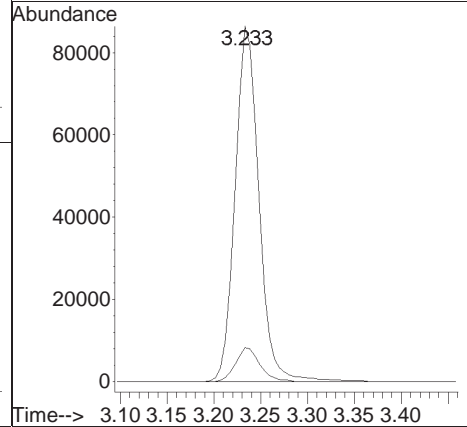
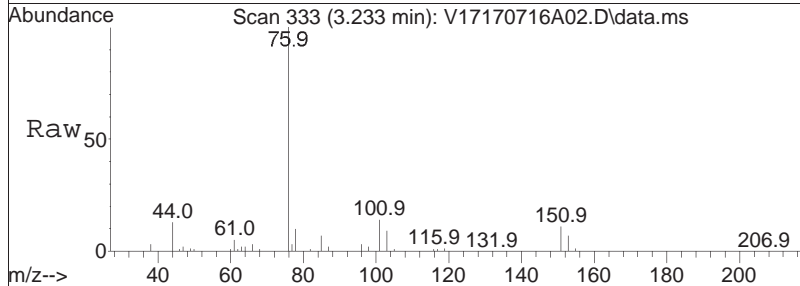
Tgt Ion	Resp	Lower	Upper
96	47330		
96	100		
61	184.2	153.9	230.9
63	57.7	48.2	72.2

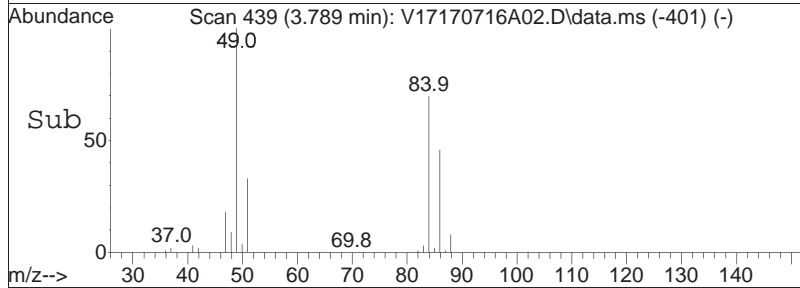
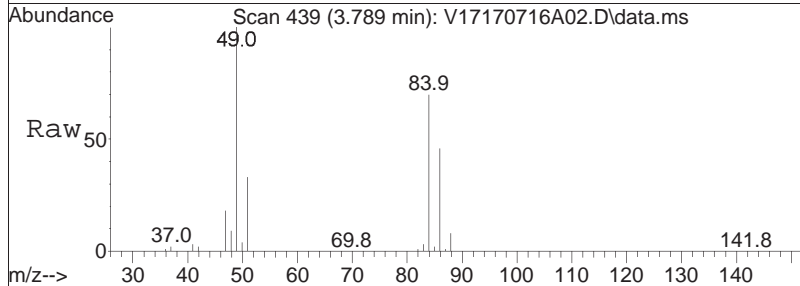
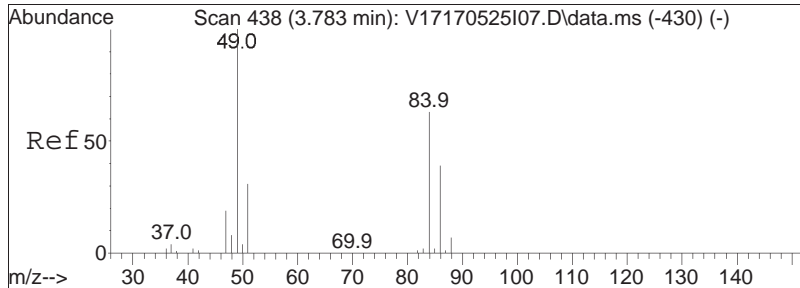




#11
 Carbon disulfide
 Concen: 17.69 ug/L
 RT: 3.233 min Scan# 333
 Delta R.T. 0.000 min
 Lab File: V17170716A02.D
 Acq: 16 Jul 2017 08:26 am

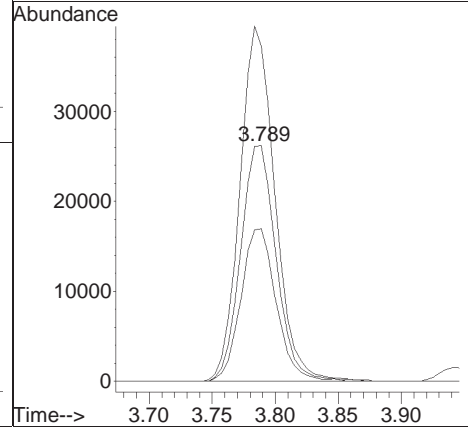
Tgt Ion	Resp	Lower	Upper
76	152539		
76	100		
78	9.6	6.4	13.4

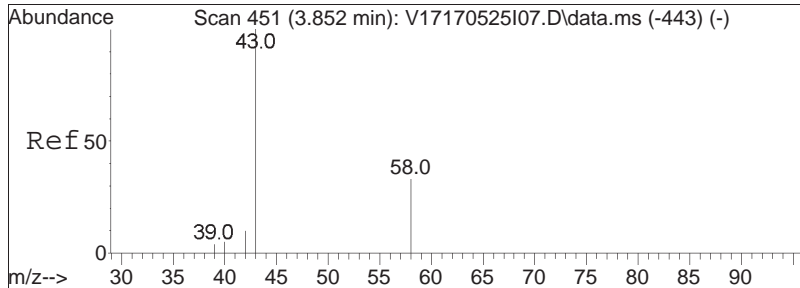




#15
 Methylene chloride
 Concen: 20.18 ug/L
 RT: 3.789 min Scan# 439
 Delta R.T. -0.000 min
 Lab File: V17170716A02.D
 Acq: 16 Jul 2017 08:26 am

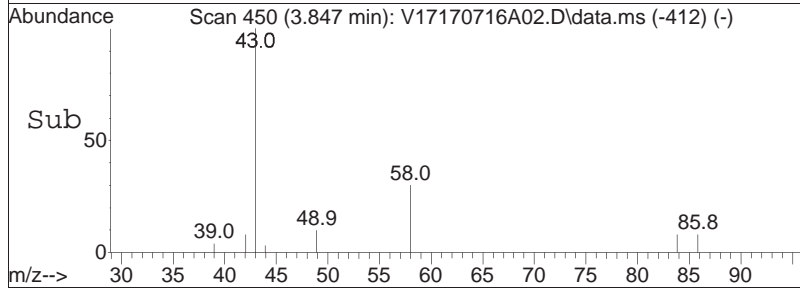
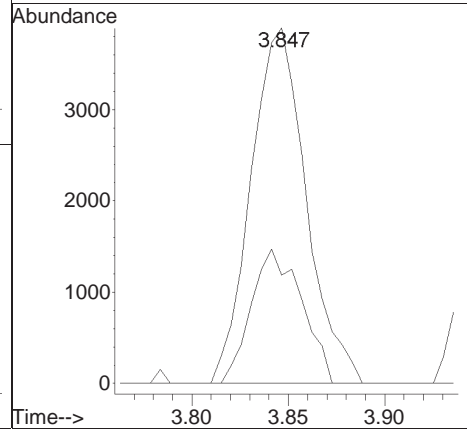
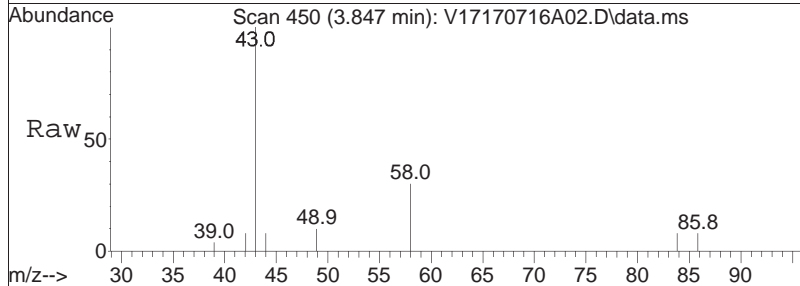
Tgt Ion:	84	Resp:	51416
Ion Ratio	Lower	Upper	
84	100		
86	64.3	42.4	88.2
49	148.3	117.3	243.5

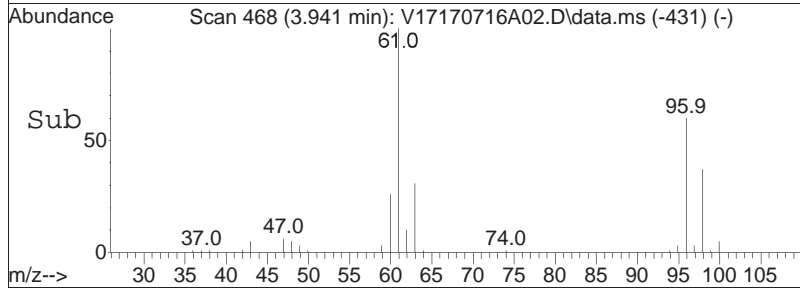
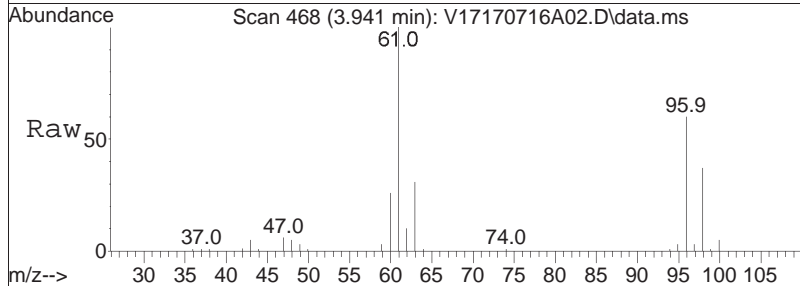
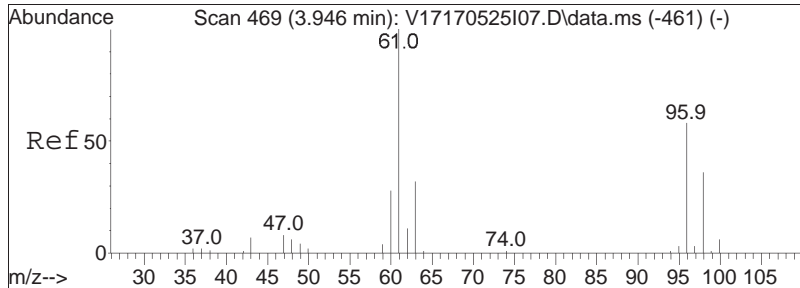




#17
 Acetone
 Concen: 17.87 ug/L
 RT: 3.847 min Scan# 450
 Delta R.T. -0.000 min
 Lab File: V17170716A02.D
 Acq: 16 Jul 2017 08:26 am

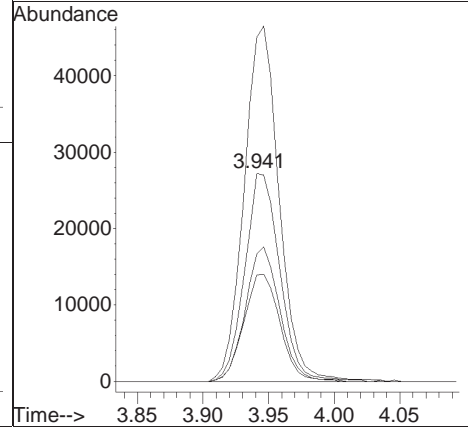
Tgt Ion:	43	58	Resp:	7767
Ion Ratio	100	34.6	Lower	Upper
			25.1	37.7

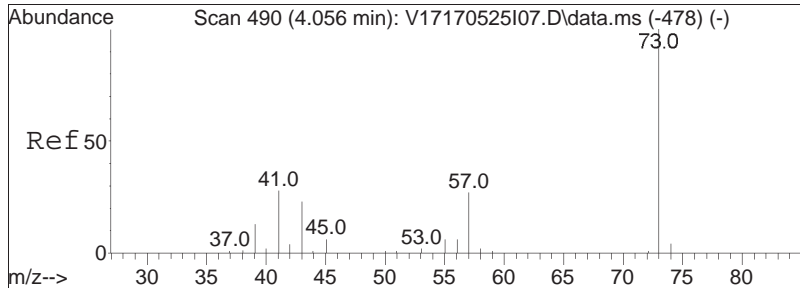




#18
 trans-1,2-Dichloroethene
 Concen: 20.19 ug/L
 RT: 3.941 min Scan# 468
 Delta R.T. -0.005 min
 Lab File: V17170716A02.D
 Acq: 16 Jul 2017 08:26 am

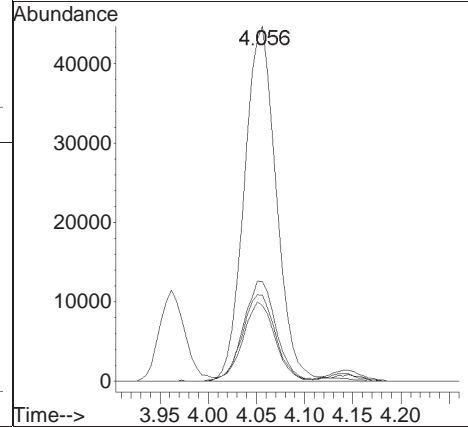
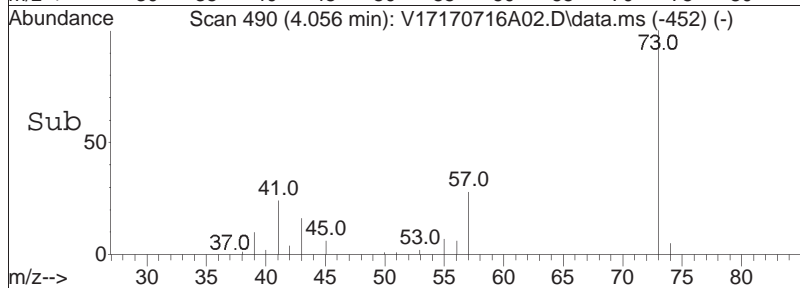
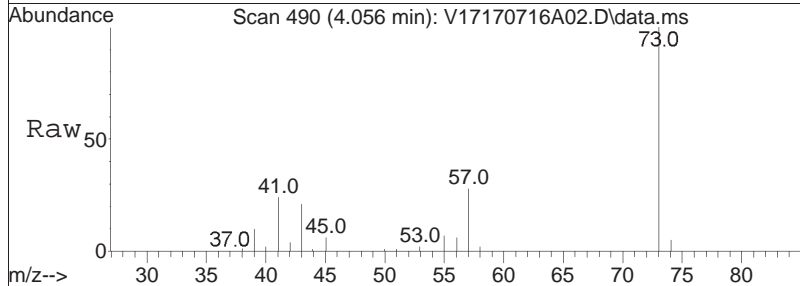
Tgt Ion	Resp	Lower	Upper
96	50619		
96	100		
61	170.7	113.8	236.4
98	63.3	41.3	85.7
63	53.2	35.8	74.4

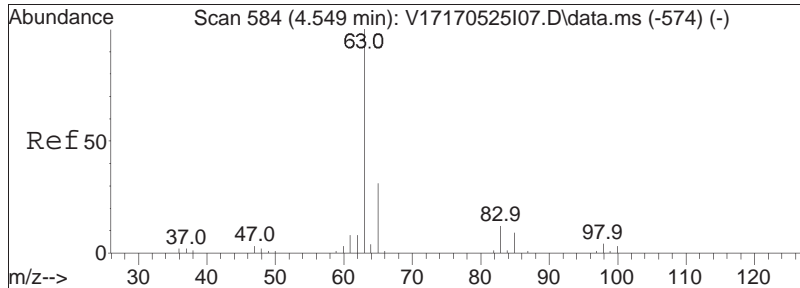




#20
 Methyl tert-butyl ether
 Concen: 18.30 ug/L
 RT: 4.056 min Scan# 490
 Delta R.T. 0.000 min
 Lab File: V17170716A02.D
 Acq: 16 Jul 2017 08:26 am

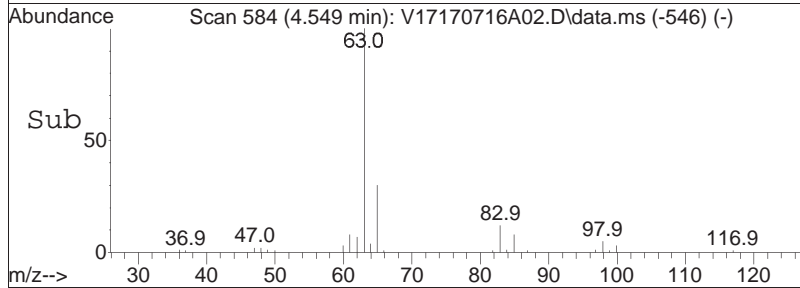
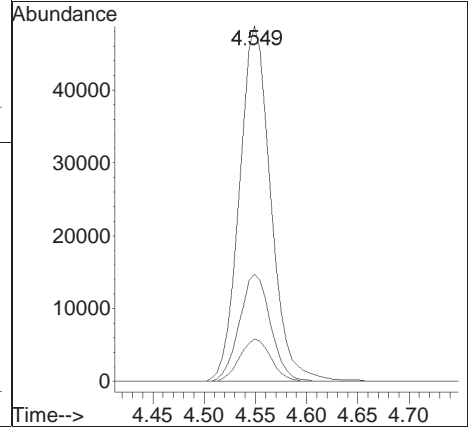
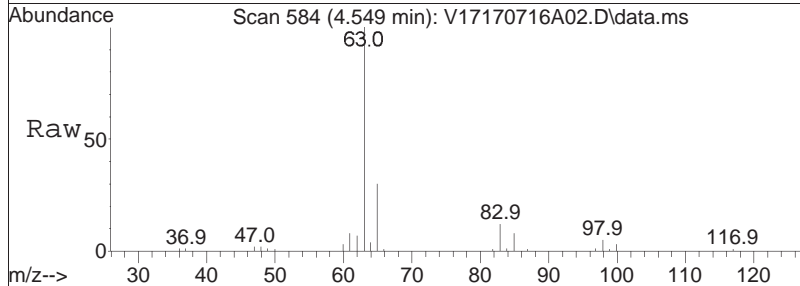
Tgt Ion	Resp	Lower	Upper
73	103682		
57	28.9	18.7	38.9
43	22.6	18.1	37.7
41	25.5	17.9	37.3

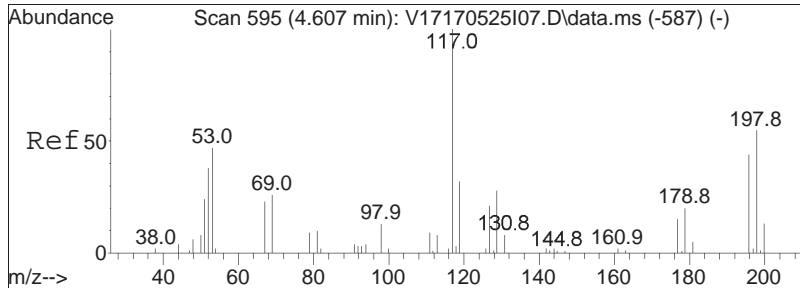




#23
 1,1-Dichloroethane
 Concen: 19.90 ug/L
 RT: 4.549 min Scan# 584
 Delta R.T. 0.000 min
 Lab File: V17170716A02.D
 Acq: 16 Jul 2017 08:26 am

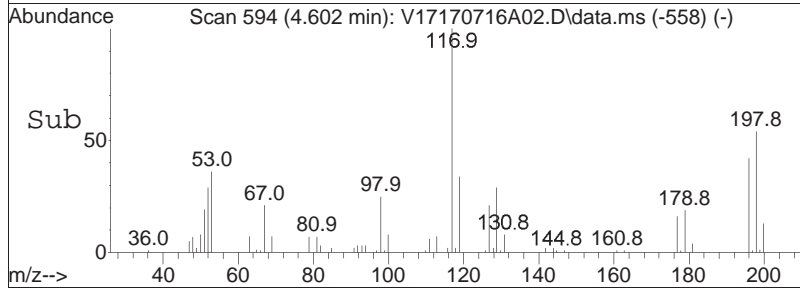
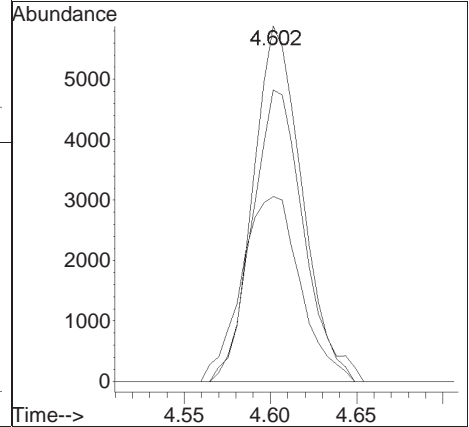
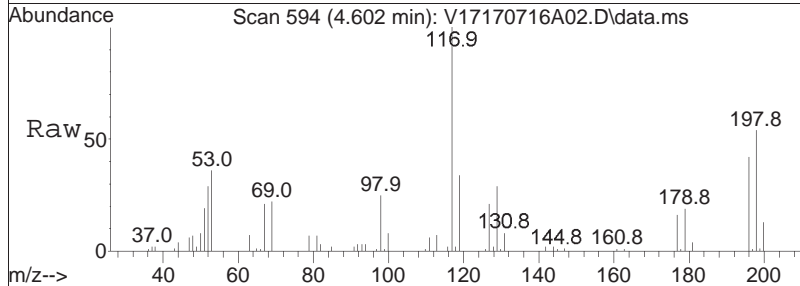
Tgt Ion:	Resp:	Lower	Upper
63	103916		
65	29.9	10.2	50.2
83	11.9	0.0	32.4

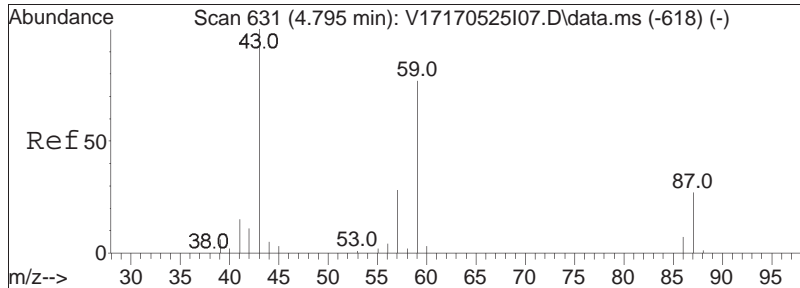




#25
 Acrylonitrile
 Concen: 19.99 ug/L
 RT: 4.602 min Scan# 594
 Delta R.T. -0.010 min
 Lab File: V17170716A02.D
 Acq: 16 Jul 2017 08:26 am

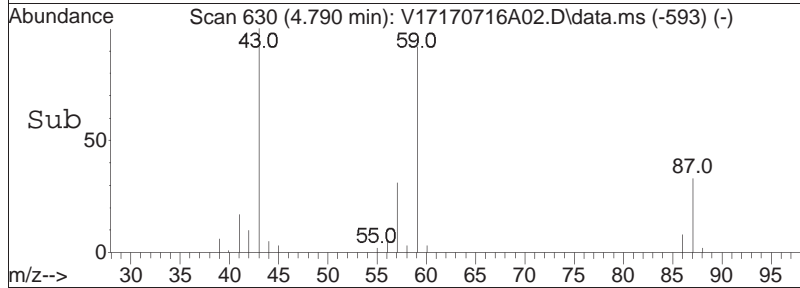
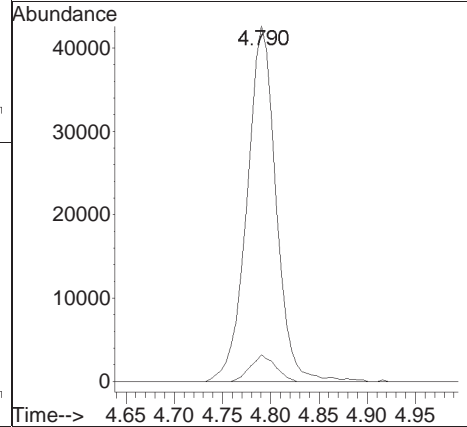
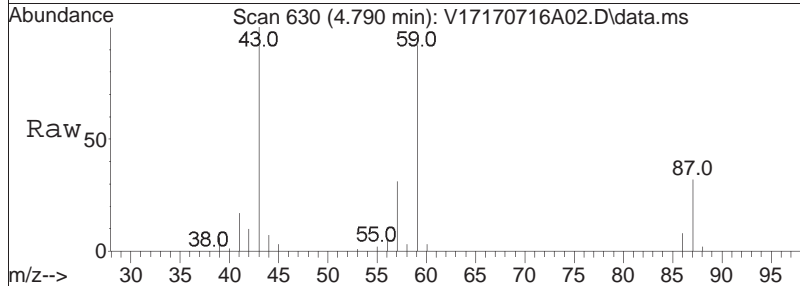
Tgt Ion:	53	Resp:	11662
Ion Ratio	Lower	Upper	
53	100		
52	84.5	68.6	103.0
51	62.3	38.2	57.4#

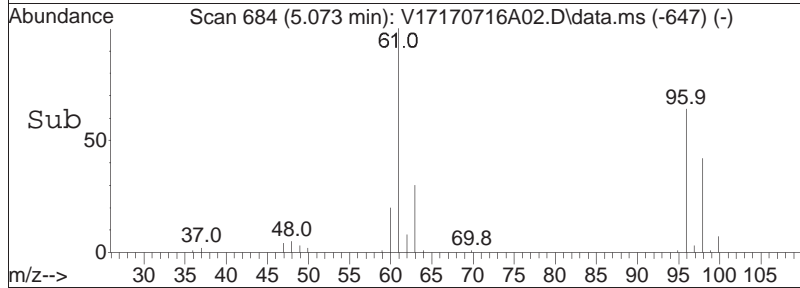
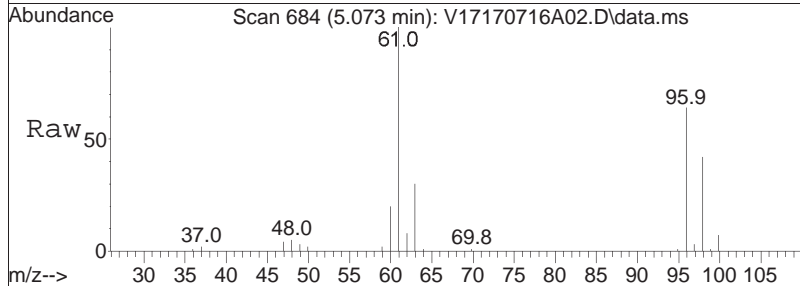
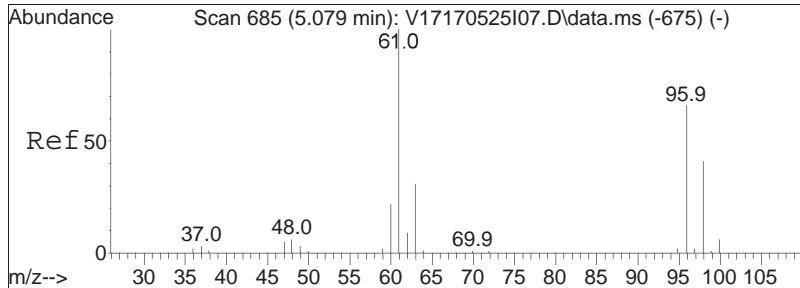




#27
 Vinyl acetate
 Concen: 18.53 ug/L
 RT: 4.790 min Scan# 630
 Delta R.T. -0.006 min
 Lab File: V17170716A02.D
 Acq: 16 Jul 2017 08:26 am

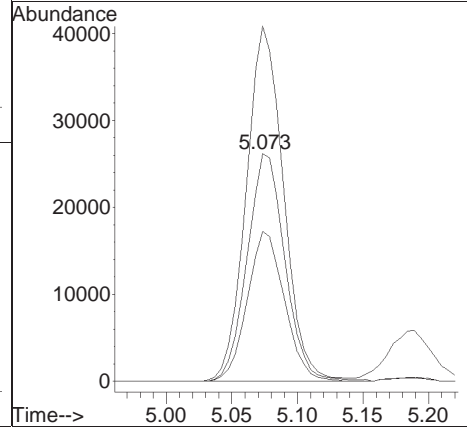
Tgt Ion:	43	Resp:	89389
Ion Ratio	100	Lower	Upper
86	6.4	4.6	6.8

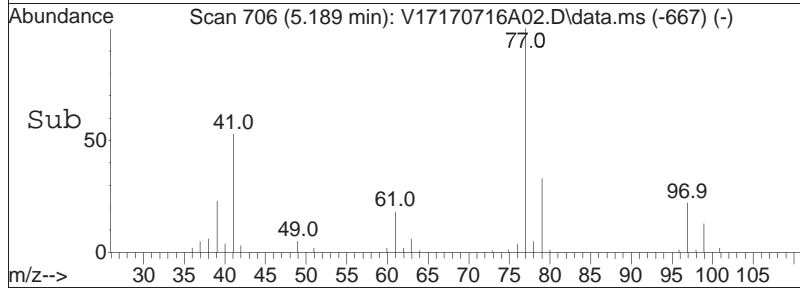
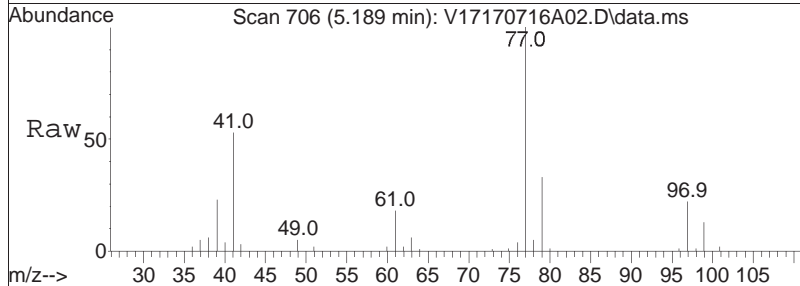
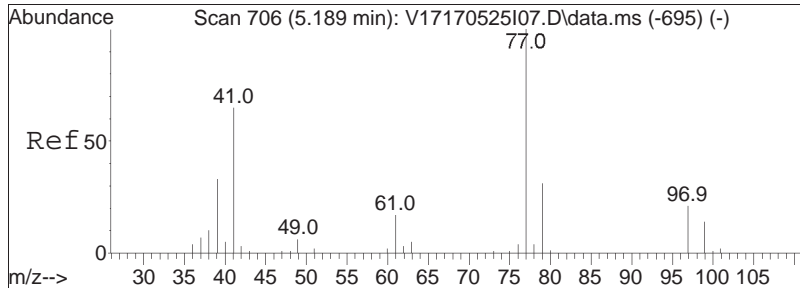




#28
 cis-1,2-Dichloroethene
 Concen: 19.60 ug/L
 RT: 5.073 min Scan# 684
 Delta R.T. -0.006 min
 Lab File: V17170716A02.D
 Acq: 16 Jul 2017 08:26 am

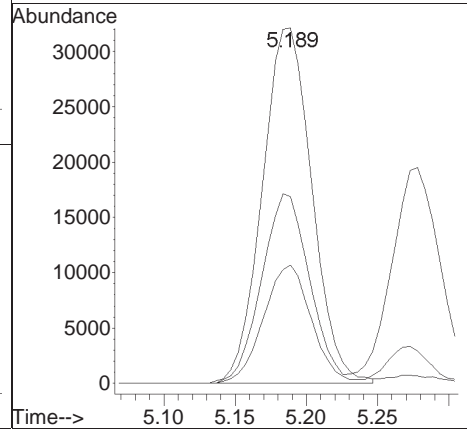
Tgt Ion:	96	Resp:	52544
Ion Ratio	Lower	Upper	
96	100		
61	153.7	119.3	178.9
98	64.7	52.0	78.0

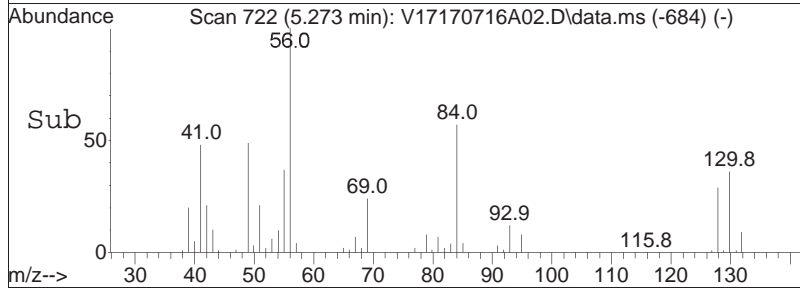
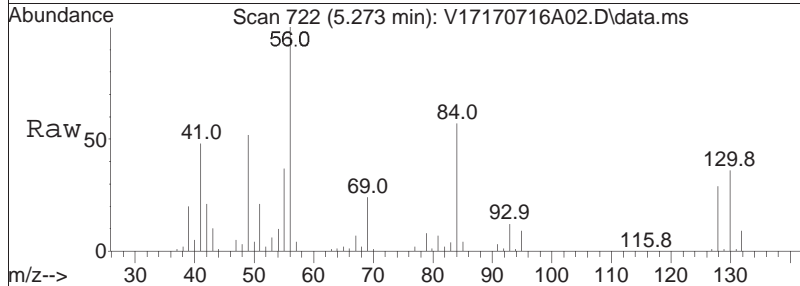
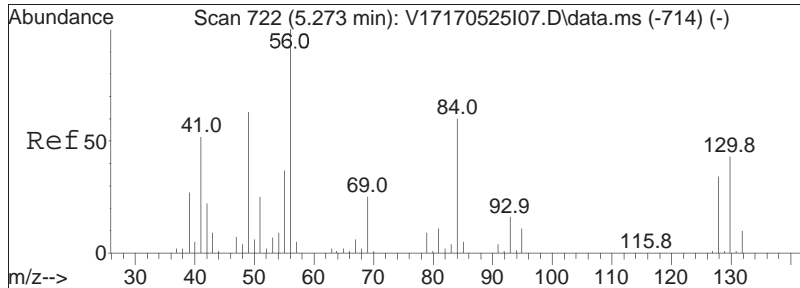




#29
 2,2-Dichloropropane
 Concen: 19.81 ug/L
 RT: 5.189 min Scan# 706
 Delta R.T. 0.005 min
 Lab File: V17170716A02.D
 Acq: 16 Jul 2017 08:26 am

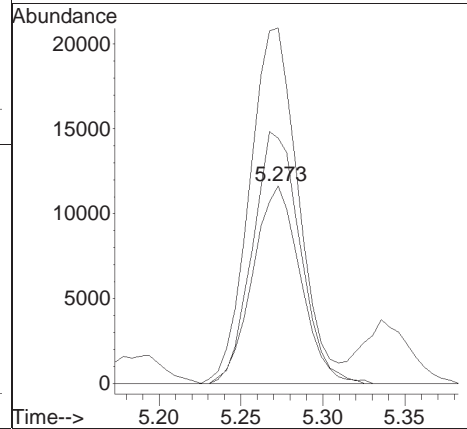
Tgt Ion	Resp	Lower	Upper
77	100		
41	51.6	43.4	90.0
79	32.1	20.9	43.3

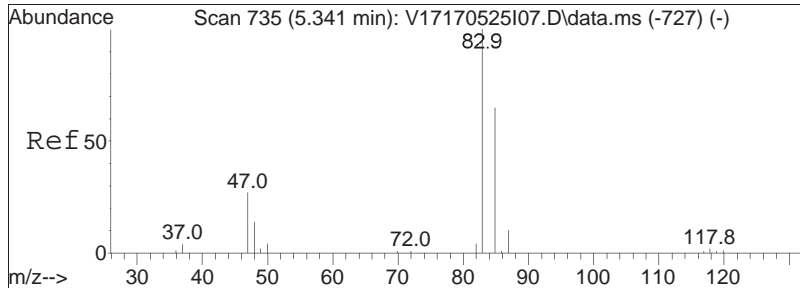




#30
 Bromochloromethane
 Concen: 19.88 ug/L
 RT: 5.273 min Scan# 722
 Delta R.T. -0.000 min
 Lab File: V17170716A02.D
 Acq: 16 Jul 2017 08:26 am

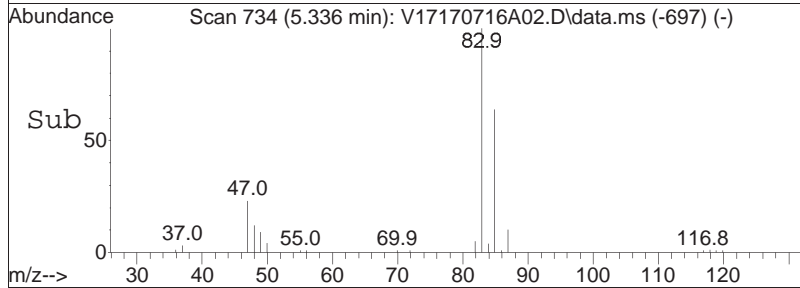
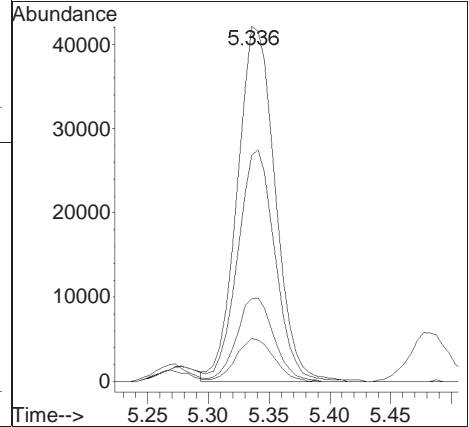
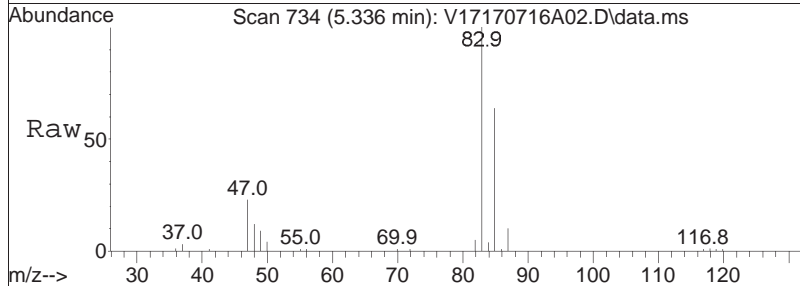
Tgt Ion	Resp	Lower	Upper
128	23478		
128	100		
49	184.0	153.4	230.0
130	127.8	103.9	155.9

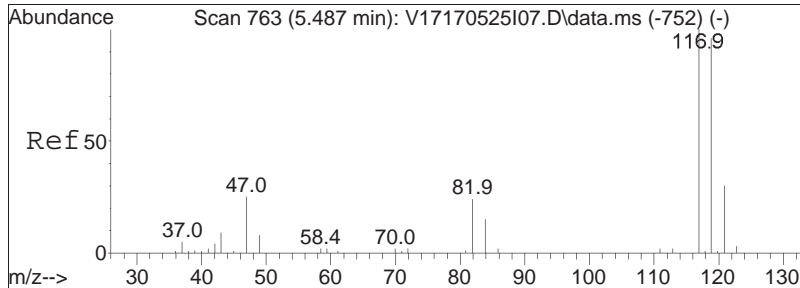




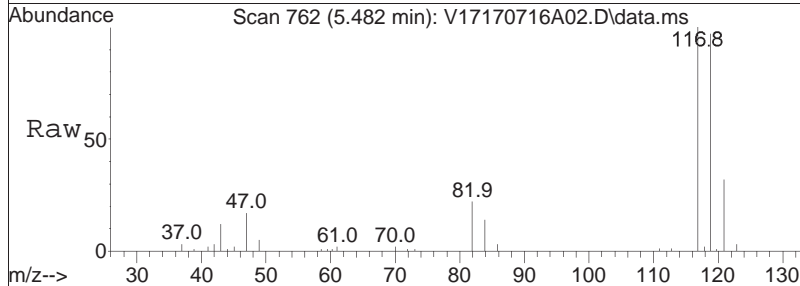
#32
 Chloroform
 Concen: 19.47 ug/L
 RT: 5.336 min Scan# 734
 Delta R.T. -0.005 min
 Lab File: V17170716A02.D
 Acq: 16 Jul 2017 08:26 am

Tgt Ion	Resp	Lower	Upper
83	91668		
85	64.3	41.3	85.7
47	23.1	17.9	37.3
48	12.0	9.3	19.3

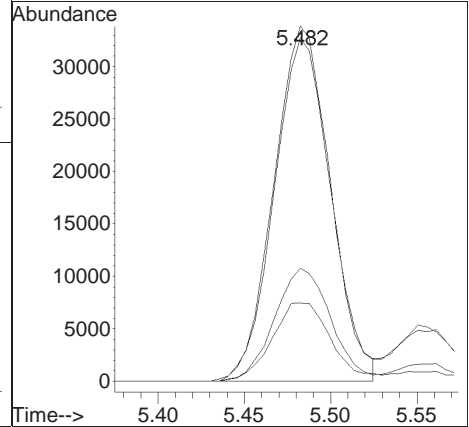
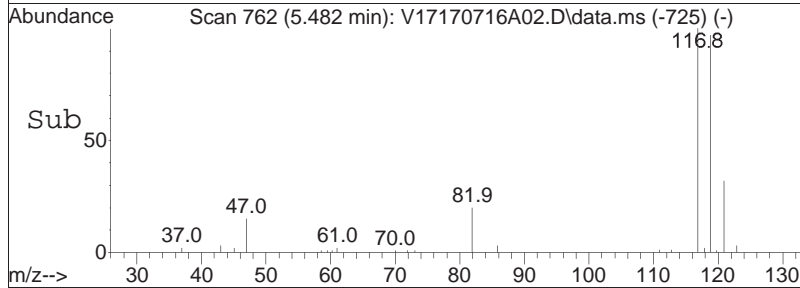


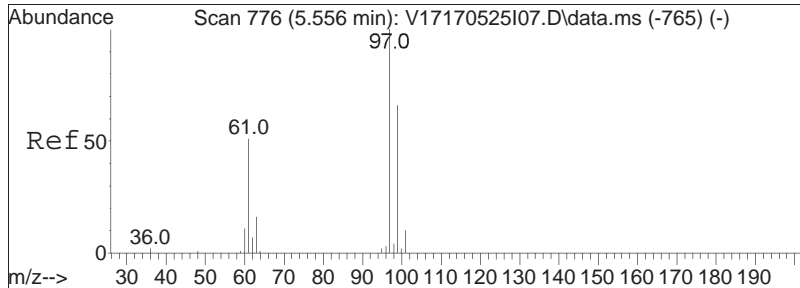


#34
 Carbon tetrachloride
 Concen: 20.46 ug/L
 RT: 5.482 min Scan# 762
 Delta R.T. -0.006 min
 Lab File: V17170716A02.D
 Acq: 16 Jul 2017 08:26 am



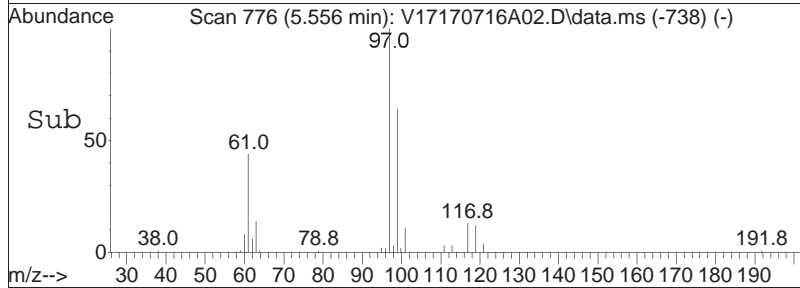
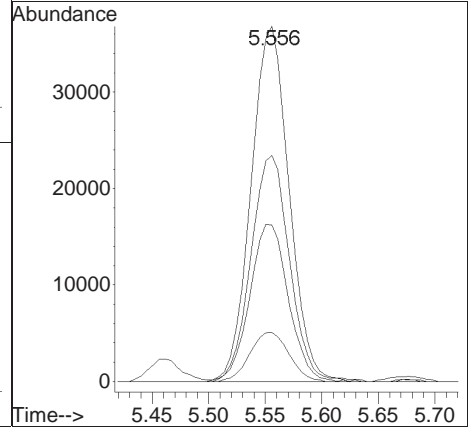
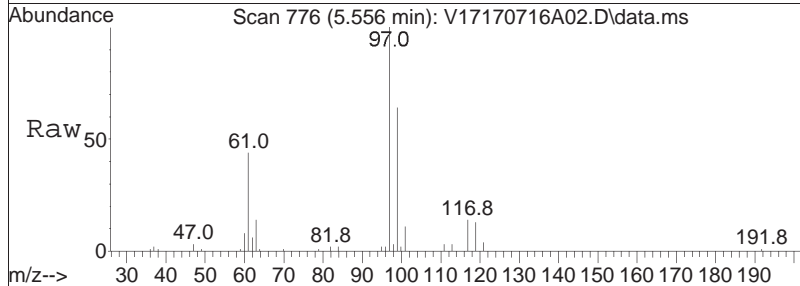
Tgt Ion	Resp	Lower	Upper
117	100		
119	97.1	63.2	131.2
121	31.7	20.8	43.2
82	23.2	15.1	31.5

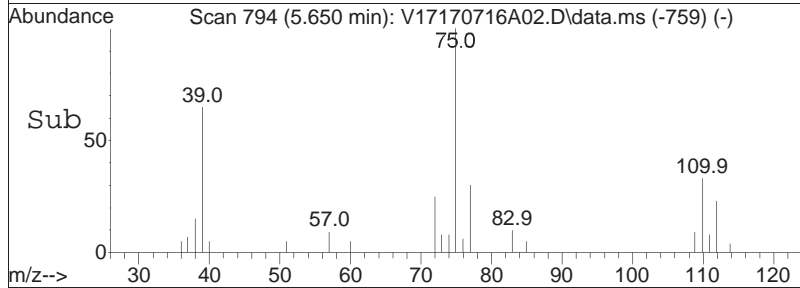
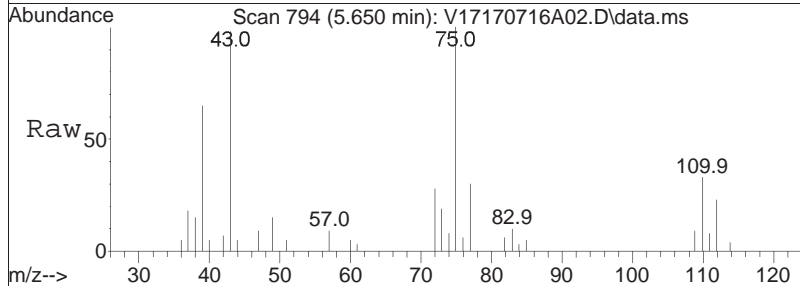
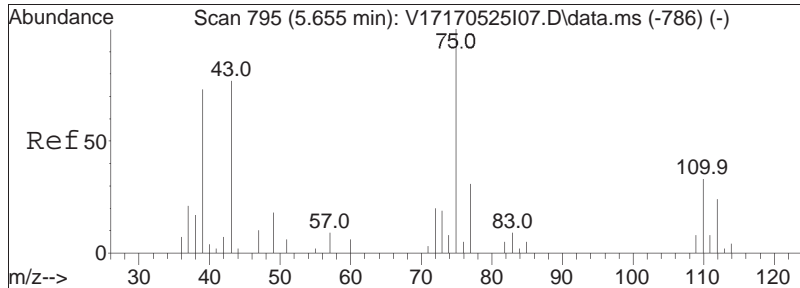




#37
 1,1,1-Trichloroethane
 Concen: 19.91 ug/L
 RT: 5.556 min Scan# 776
 Delta R.T. -0.000 min
 Lab File: V17170716A02.D
 Acq: 16 Jul 2017 08:26 am

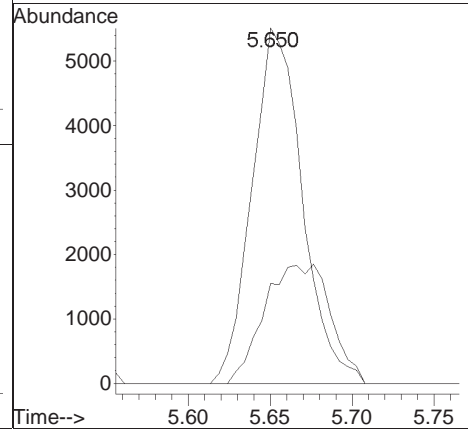
Tgt Ion	Resp	Lower	Upper
97	100		
99	64.3	42.0	87.2
61	44.9	29.7	61.7
63	14.1	9.4	19.4

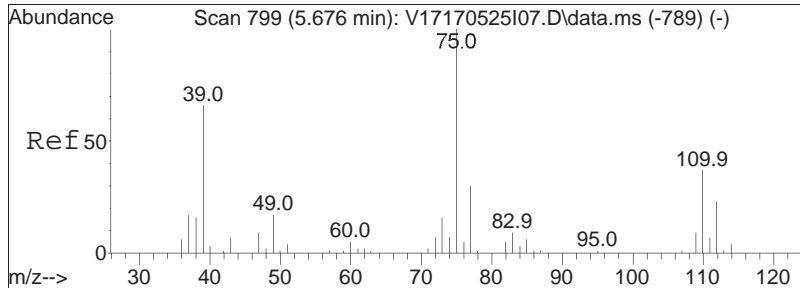




#39
 2-Butanone
 Concen: 17.45 ug/L
 RT: 5.650 min Scan# 794
 Delta R.T. -0.016 min
 Lab File: V17170716A02.D
 Acq: 16 Jul 2017 08:26 am

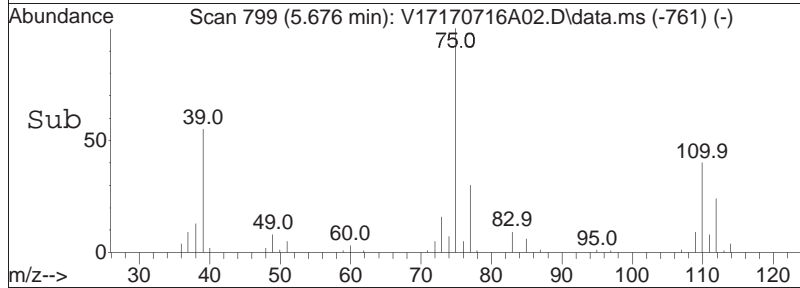
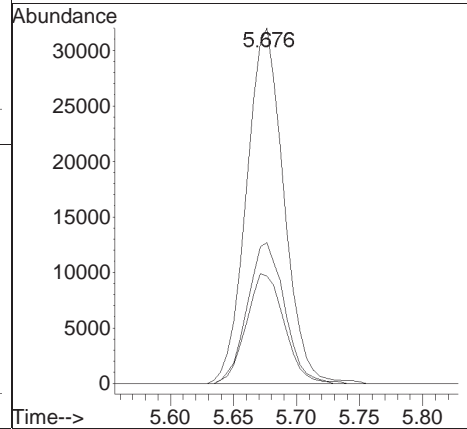
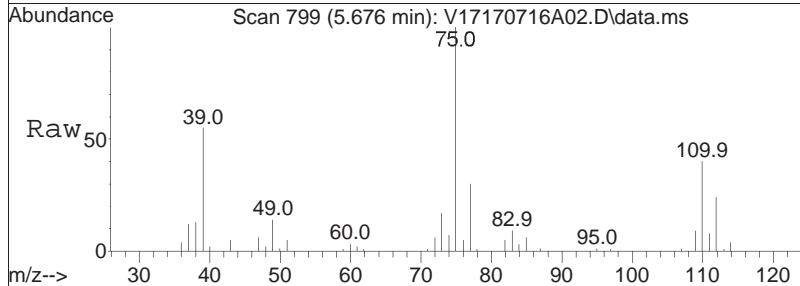
Tgt Ion:	43	Resp:	11764
Ion Ratio	Lower	Upper	
43	100		
72	44.0	20.4	30.6#

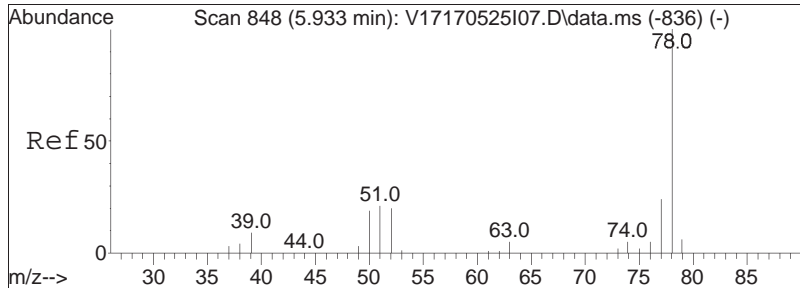




#40
 1,1-Dichloropropene
 Concen: 19.13 ug/L
 RT: 5.676 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: V17170716A02.D
 Acq: 16 Jul 2017 08:26 am

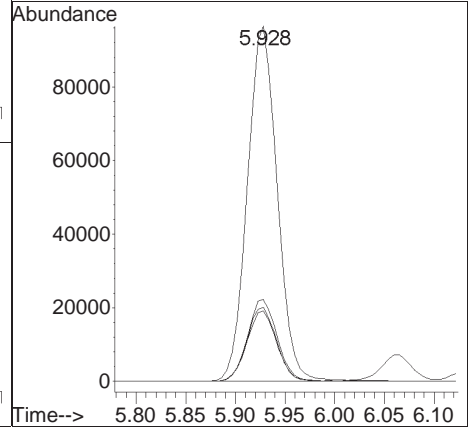
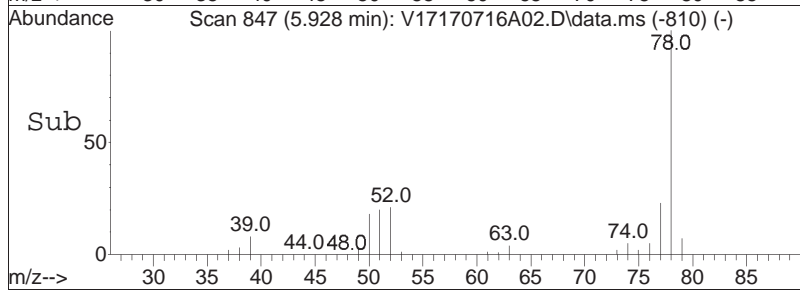
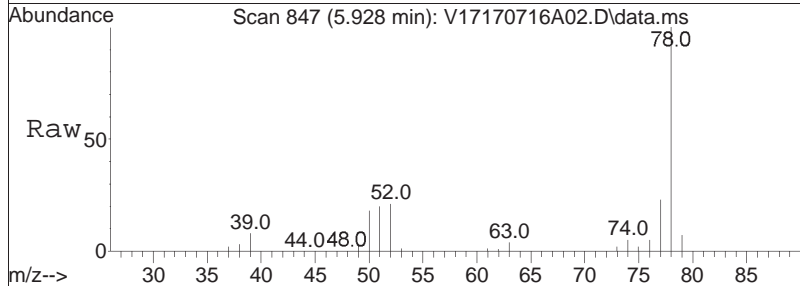
Tgt Ion	Resp	Lower	Upper
75	100		
110	39.6	25.9	53.7
77	31.3	20.3	42.3

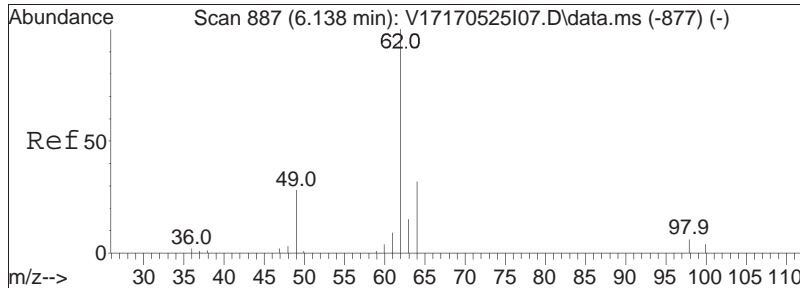




#41
 Benzene
 Concen: 19.54 ug/L
 RT: 5.928 min Scan# 847
 Delta R.T. -0.005 min
 Lab File: V17170716A02.D
 Acq: 16 Jul 2017 08:26 am

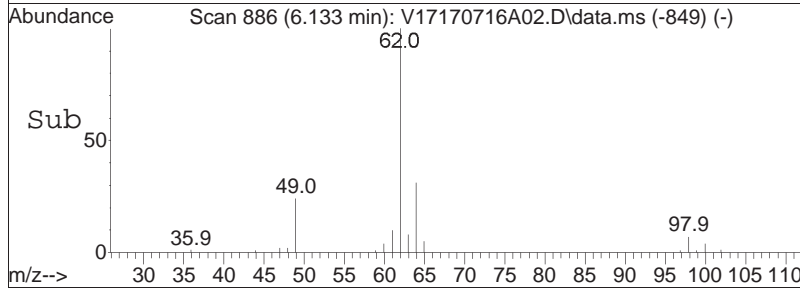
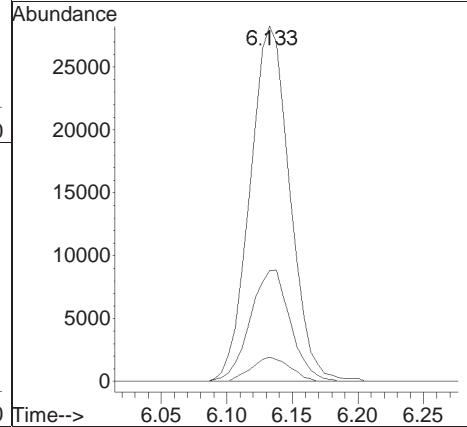
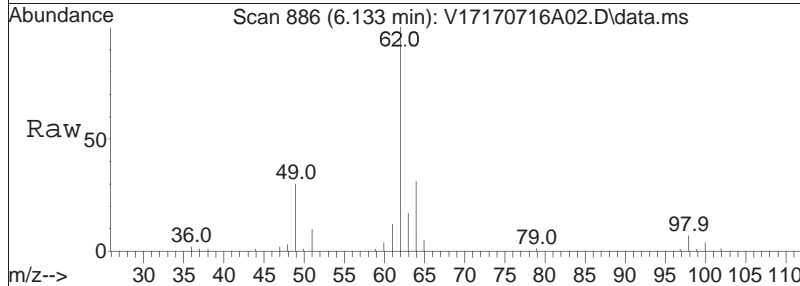
Tgt Ion	Resp	Lower	Upper
78	100		
77	22.9	15.0	31.1
51	19.9	14.0	29.2
52	20.8	14.3	29.7

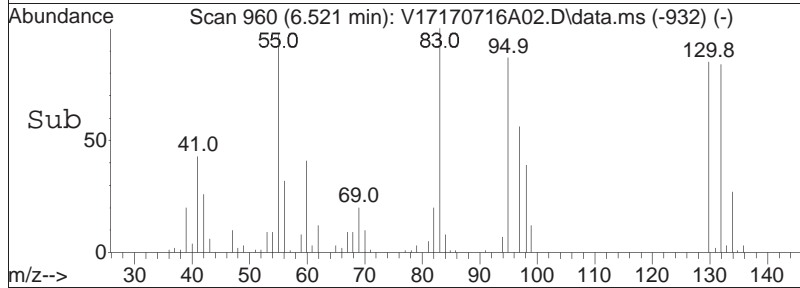
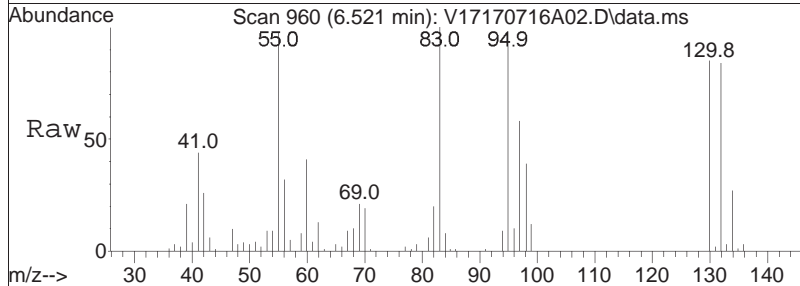
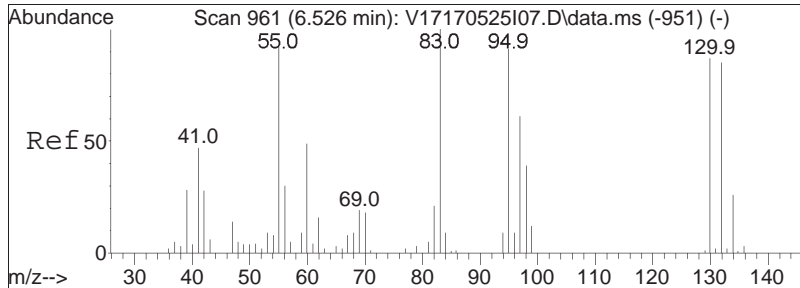




#44
 1,2-Dichloroethane
 Concen: 17.21 ug/L
 RT: 6.133 min Scan# 886
 Delta R.T. -0.005 min
 Lab File: V17170716A02.D
 Acq: 16 Jul 2017 08:26 am

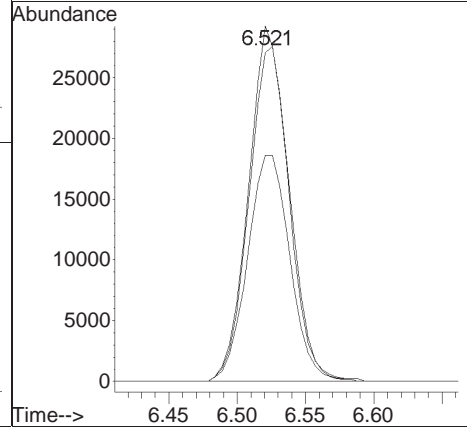
Tgt Ion:	Resp:		
Ion Ratio	Lower	Upper	
62	100		
64	31.6	11.8	51.8
98	6.6	0.0	27.1

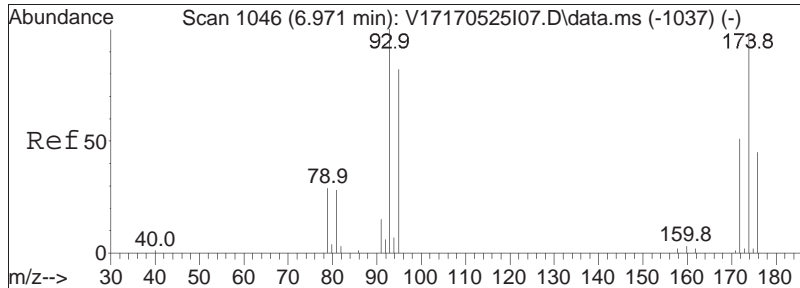




#48
 Trichloroethene
 Concen: 19.77 ug/L
 RT: 6.521 min Scan# 960
 Delta R.T. -0.005 min
 Lab File: V17170716A02.D
 Acq: 16 Jul 2017 08:26 am

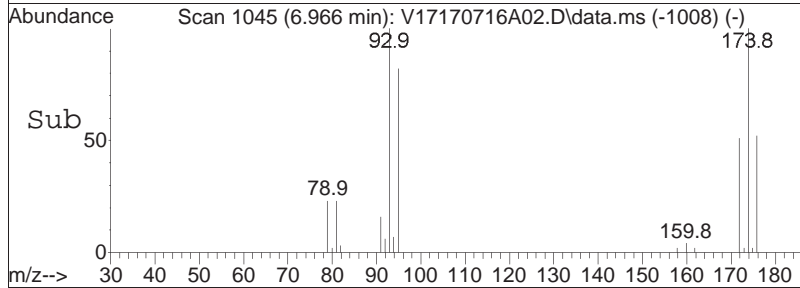
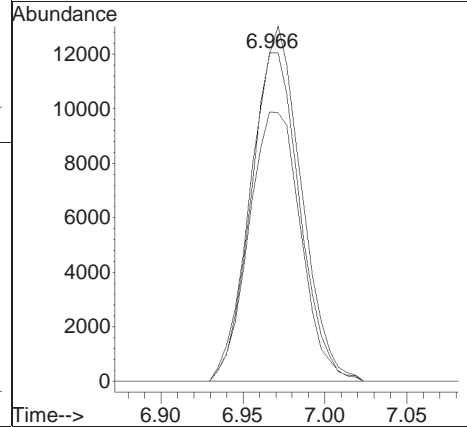
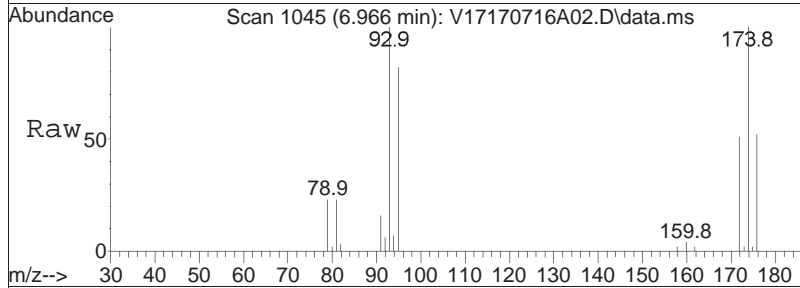
Tgt Ion	Resp	Lower	Upper
95	59102		
95	100		
97	68.0	53.8	80.8
130	97.8	81.5	122.3

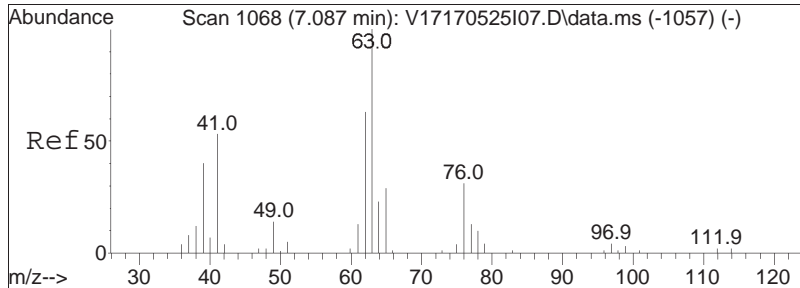




#50
 Dibromomethane
 Concen: 18.39 ug/L
 RT: 6.966 min Scan# 1045
 Delta R.T. -0.005 min
 Lab File: V17170716A02.D
 Acq: 16 Jul 2017 08:26 am

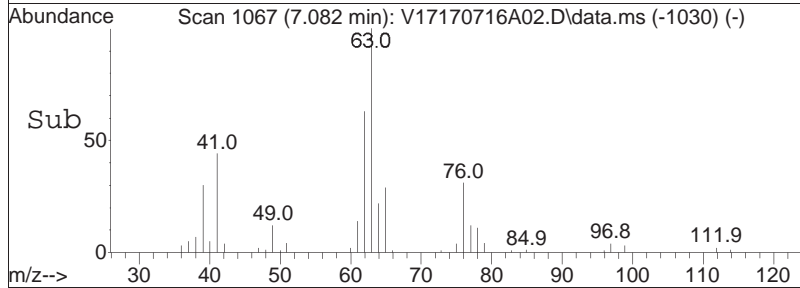
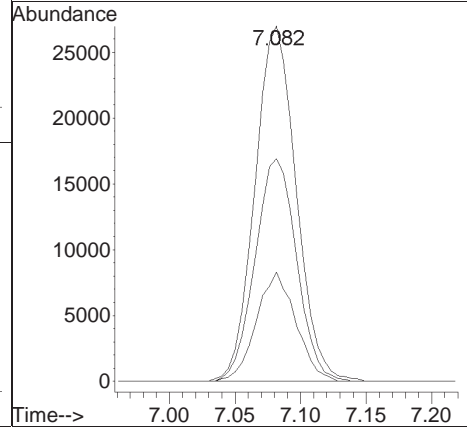
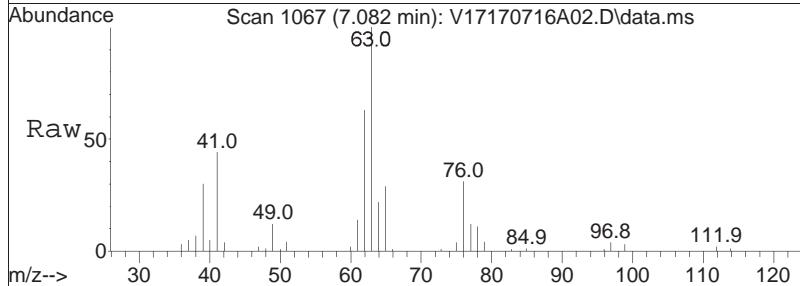
Tgt Ion	Resp	Lower	Upper
93	25656		
93	100		
95	84.9	67.5	101.3
174	105.5	89.9	134.9

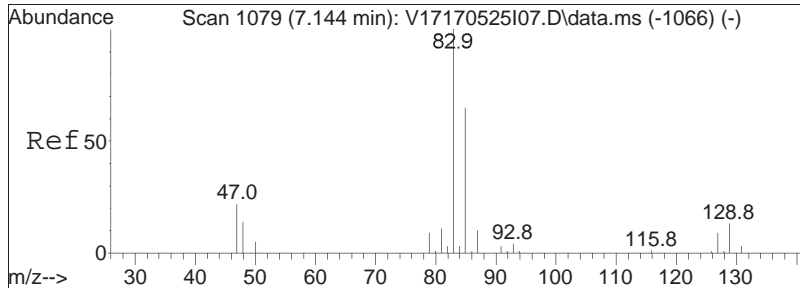




#51
 1,2-Dichloropropane
 Concen: 19.60 ug/L
 RT: 7.082 min Scan# 1067
 Delta R.T. -0.005 min
 Lab File: V17170716A02.D
 Acq: 16 Jul 2017 08:26 am

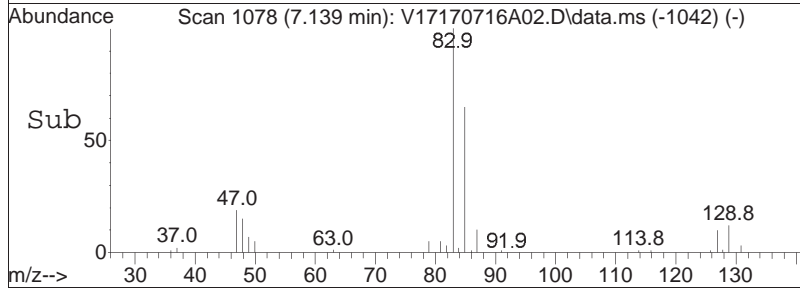
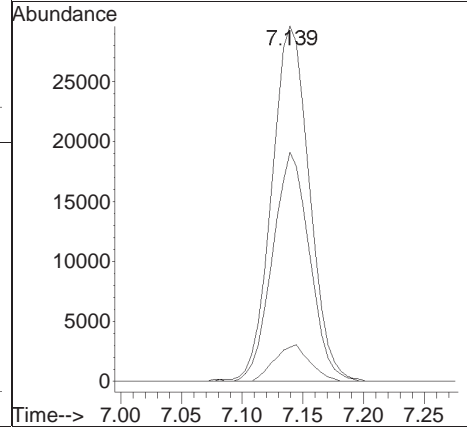
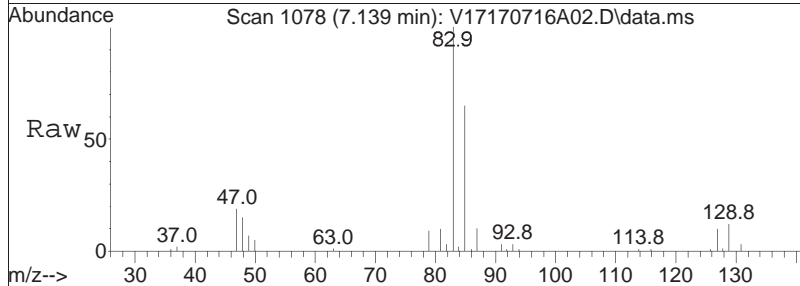
Tgt Ion:	Resp:	Lower	Upper
63	100		
62	63.2	50.6	76.0
76	29.5	23.4	35.0

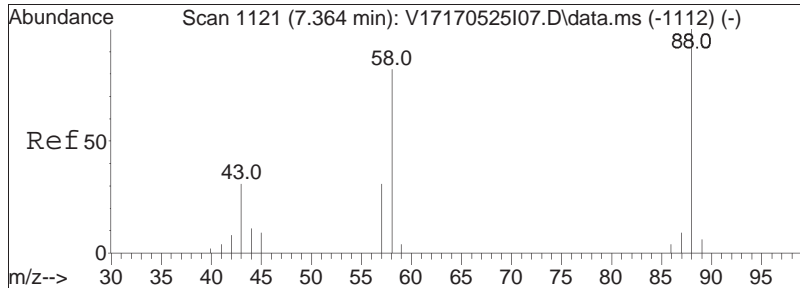




#54
 Bromodichloromethane
 Concen: 18.71 ug/L
 RT: 7.139 min Scan# 1078
 Delta R.T. -0.011 min
 Lab File: V17170716A02.D
 Acq: 16 Jul 2017 08:26 am

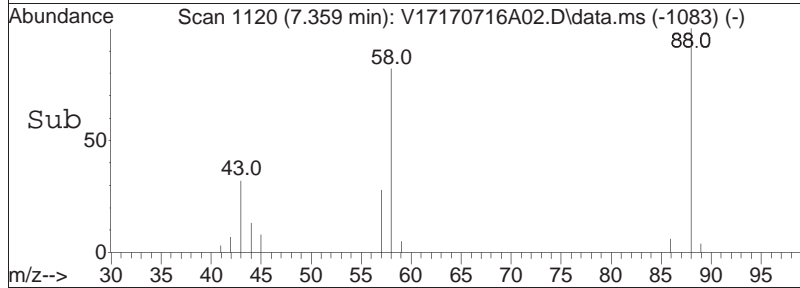
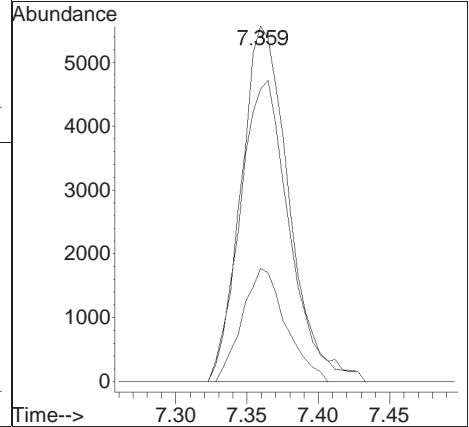
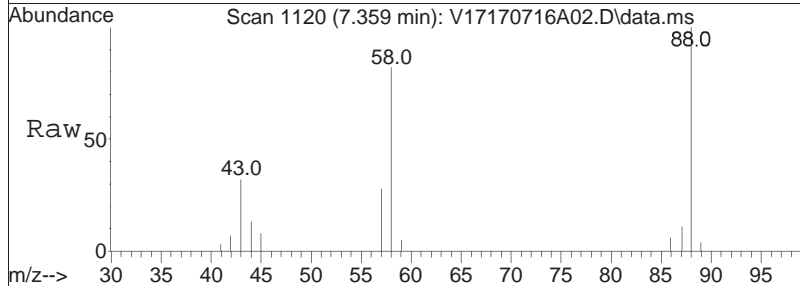
Tgt Ion	Resp	Lower	Upper
83	64235		
83	100		
85	63.4	51.0	76.4
127	9.7	8.1	12.1

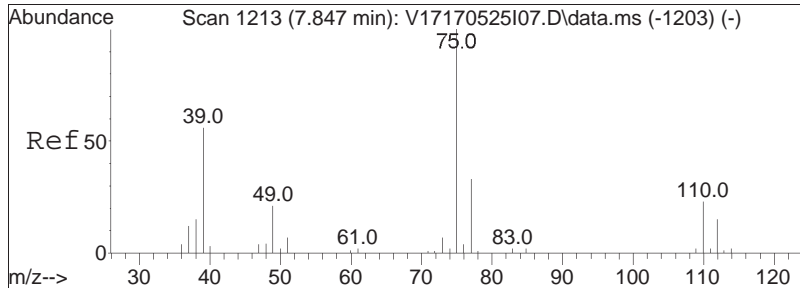




#57
 1,4-Dioxane
 Concen: 821.40 ug/L
 RT: 7.359 min Scan# 1120
 Delta R.T. -0.006 min
 Lab File: V17170716A02.D
 Acq: 16 Jul 2017 08:26 am

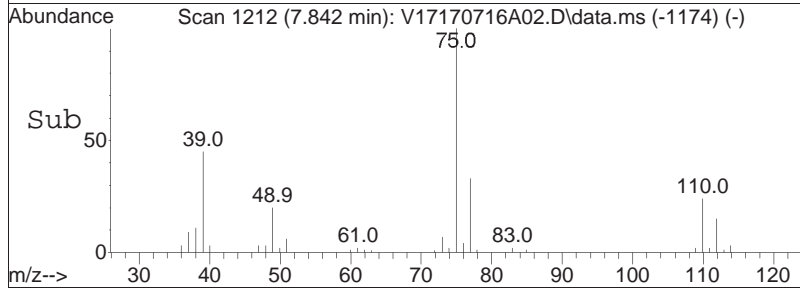
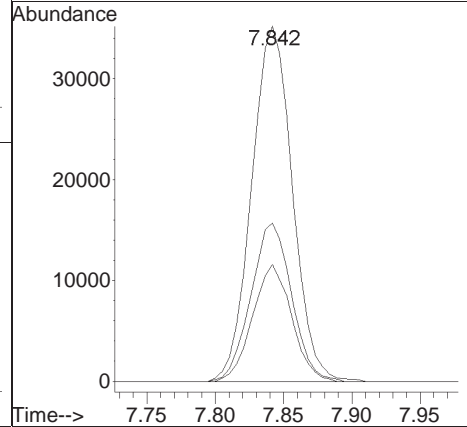
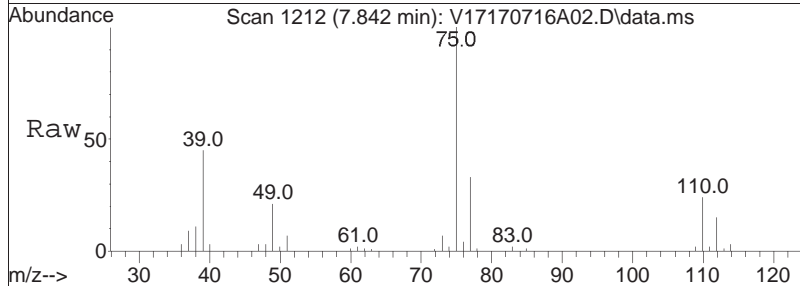
Tgt Ion	Resp	Lower	Upper
88	12974		
88	100		
58	87.4	66.0	99.0
43	29.0	28.0	42.0

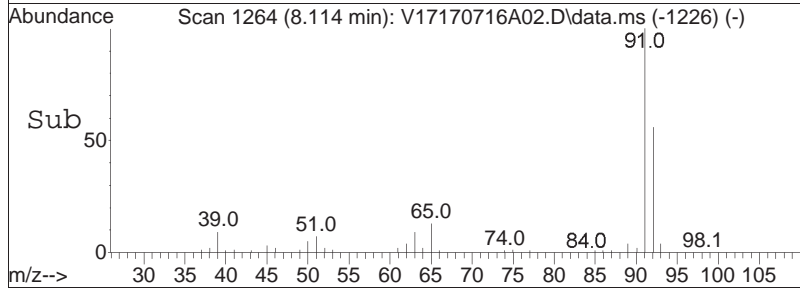
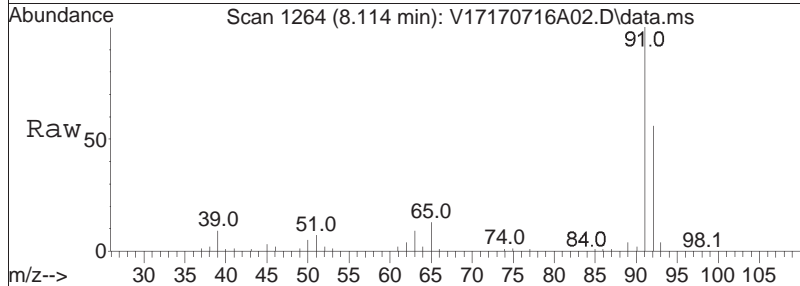
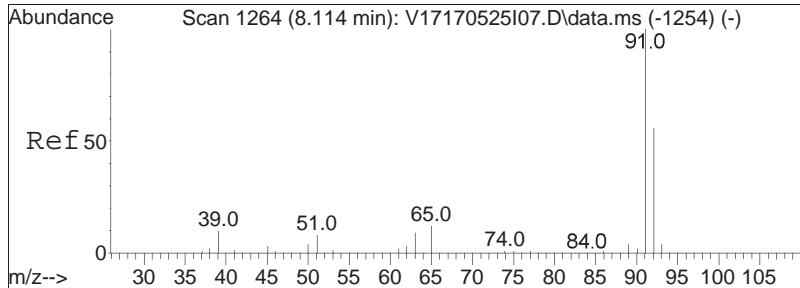




#58
 cis-1,3-Dichloropropene
 Concen: 18.80 ug/L
 RT: 7.842 min Scan# 1212
 Delta R.T. -0.000 min
 Lab File: V17170716A02.D
 Acq: 16 Jul 2017 08:26 am

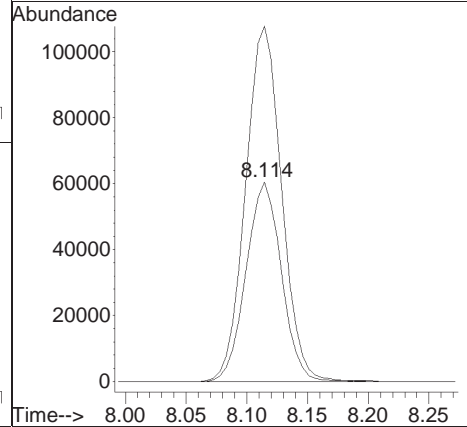
Tgt Ion	Resp	Lower	Upper
75	100		
77	31.6	25.3	37.9
39	44.4	47.8	71.8#

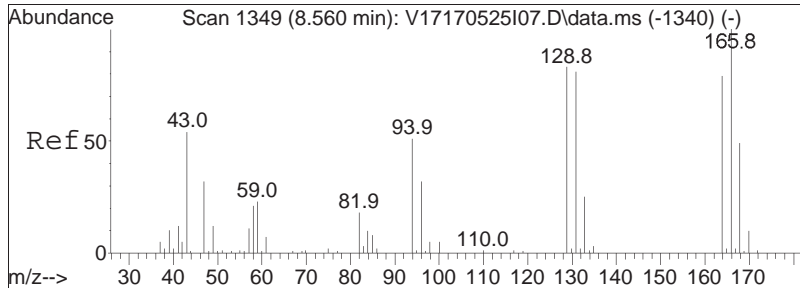




#61
 Toluene
 Concen: 20.18 ug/L
 RT: 8.114 min Scan# 1264
 Delta R.T. 0.000 min
 Lab File: V17170716A02.D
 Acq: 16 Jul 2017 08:26 am

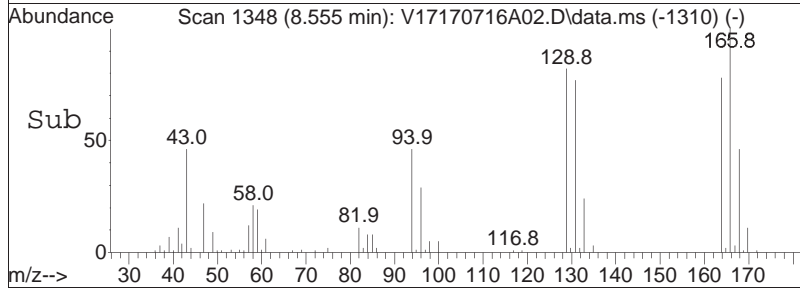
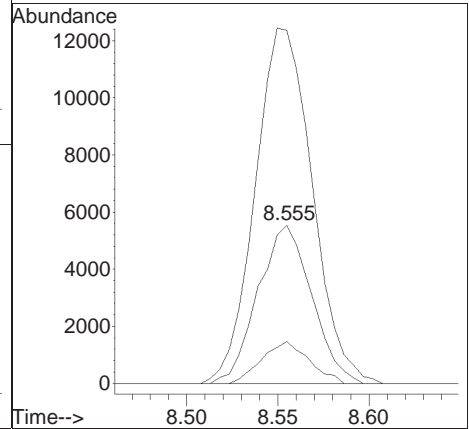
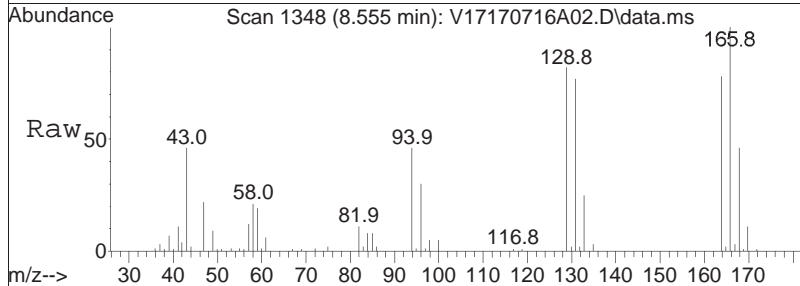
Tgt Ion:	Resp:	Lower	Upper
92	122118		
91	181.6	142.4	213.6

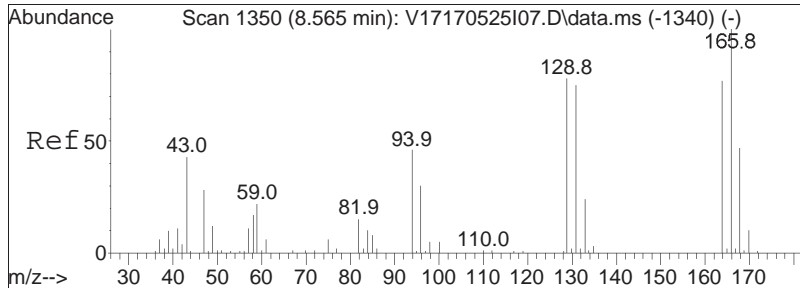




#62
 4-Methyl-2-pentanone
 Concen: 18.79 ug/L
 RT: 8.555 min Scan# 1348
 Delta R.T. -0.000 min
 Lab File: V17170716A02.D
 Acq: 16 Jul 2017 08:26 am

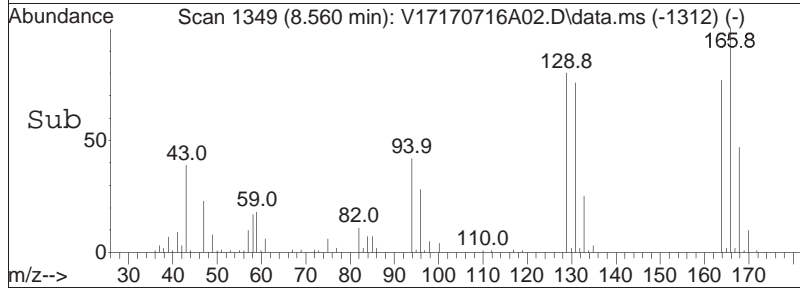
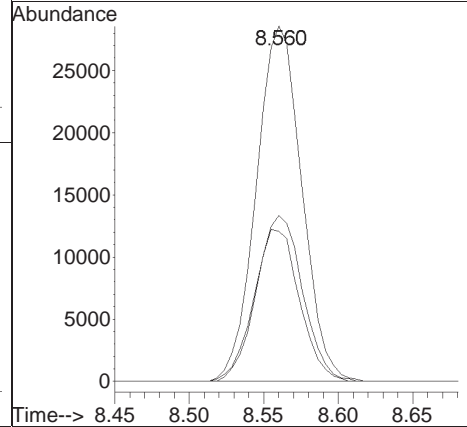
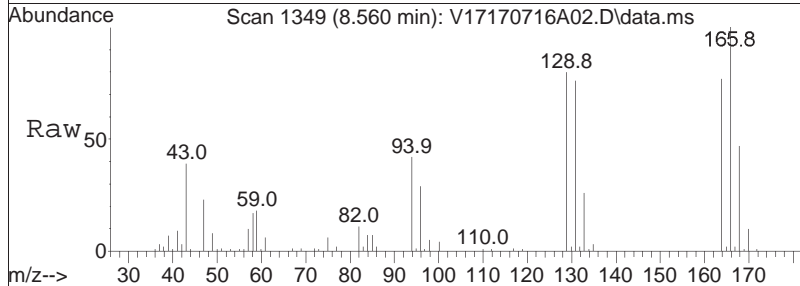
Tgt Ion:	Resp:		
Ion Ratio	Lower	Upper	
58	100		
100	23.4	20.5	30.7
43	238.9	224.2	336.2

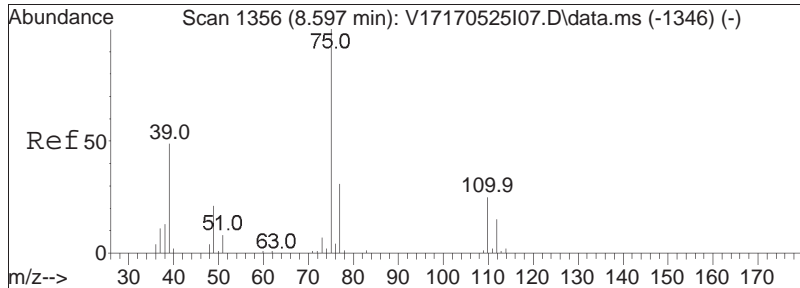




#63
 Tetrachloroethene
 Concen: 21.51 ug/L
 RT: 8.560 min Scan# 1349
 Delta R.T. -0.005 min
 Lab File: V17170716A02.D
 Acq: 16 Jul 2017 08:26 am

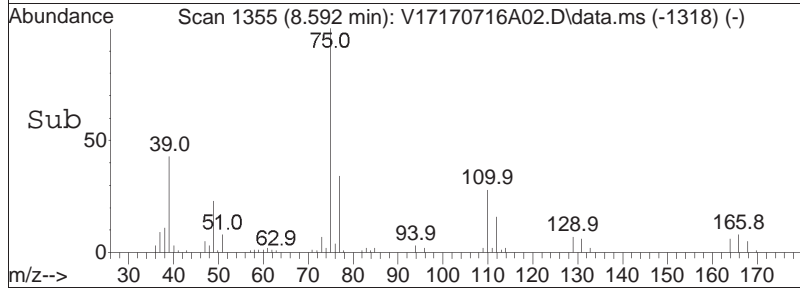
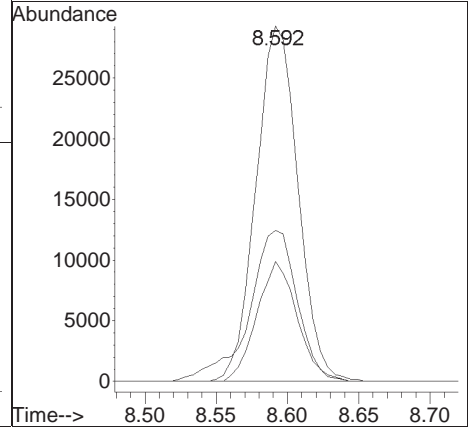
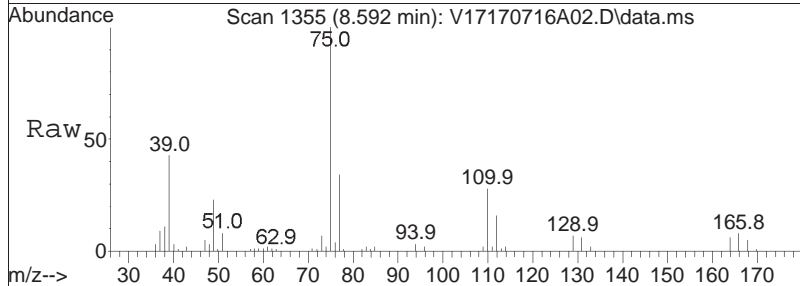
Tgt Ion	Ratio	Lower	Upper
166	100		
168	47.2	27.9	67.9
94	43.0	20.4	60.4

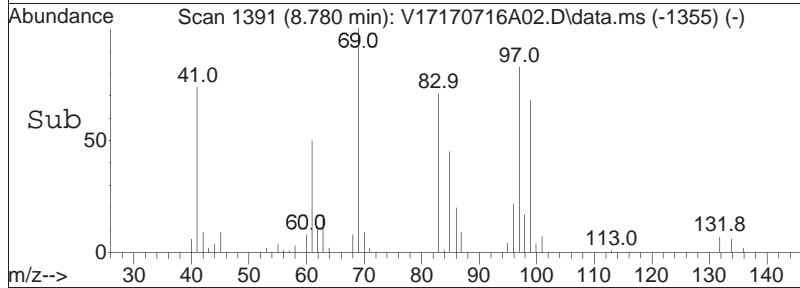
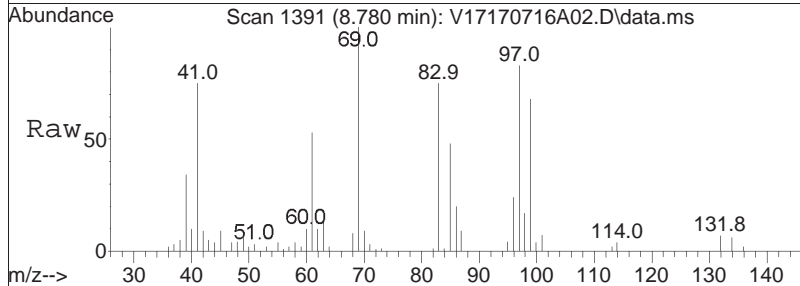
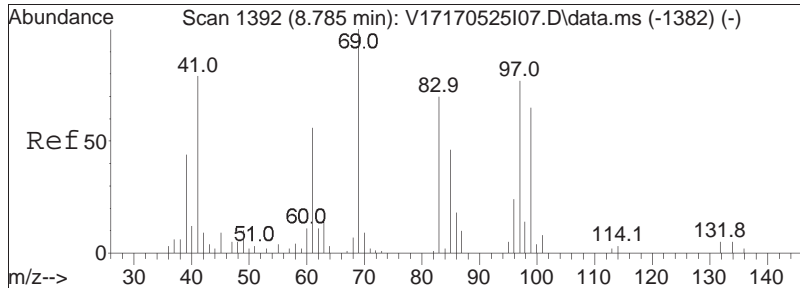




#65
 trans-1,3-Dichloropropene
 Concen: 19.23 ug/L
 RT: 8.592 min Scan# 1355
 Delta R.T. -0.005 min
 Lab File: V17170716A02.D
 Acq: 16 Jul 2017 08:26 am

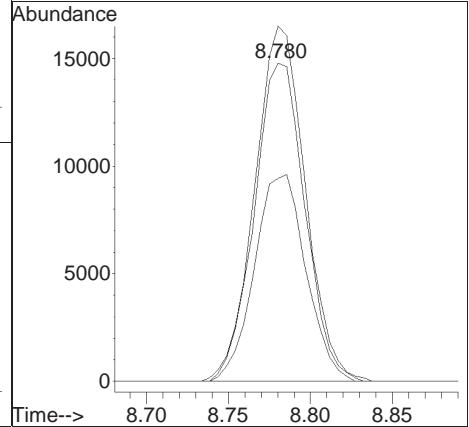
Tgt Ion	Resp	Lower	Upper
75	100		
77	32.3	11.6	51.6
39	48.8	50.0	90.0#

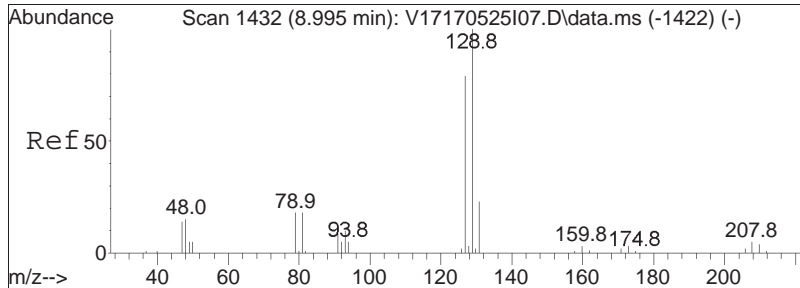




#68
 1,1,2-Trichloroethane
 Concen: 19.78 ug/L
 RT: 8.780 min Scan# 1391
 Delta R.T. -0.011 min
 Lab File: V17170716A02.D
 Acq: 16 Jul 2017 08:26 am

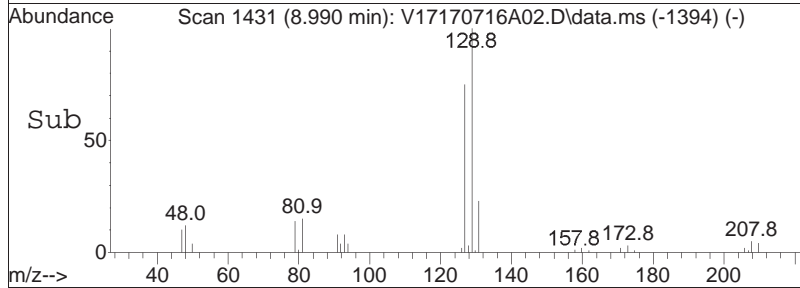
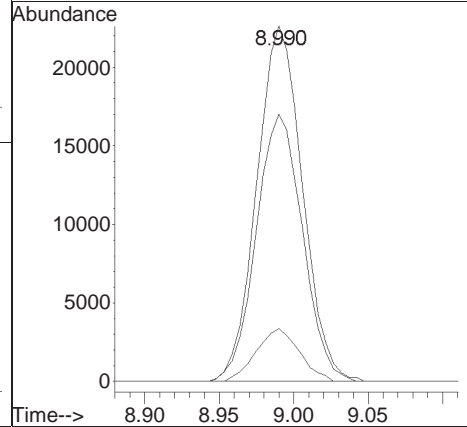
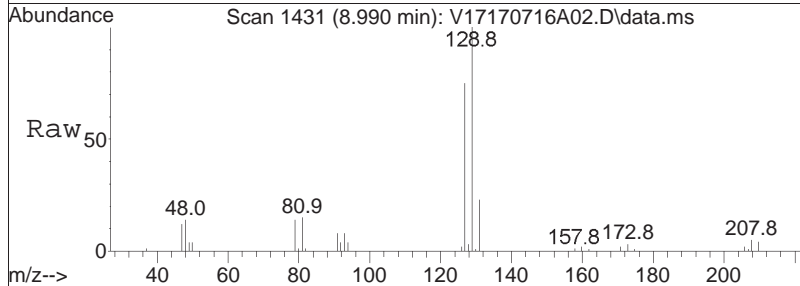
Tgt Ion	Resp	Lower	Upper
83	31849		
83	100		
97	111.2	91.5	131.5
85	66.0	47.5	87.5

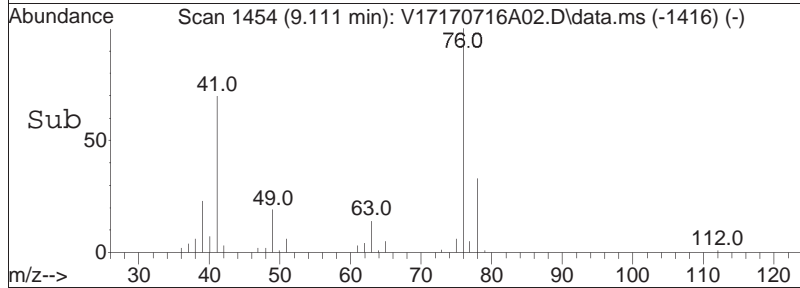
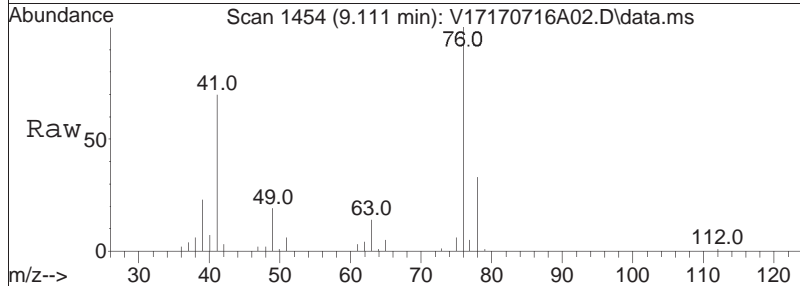
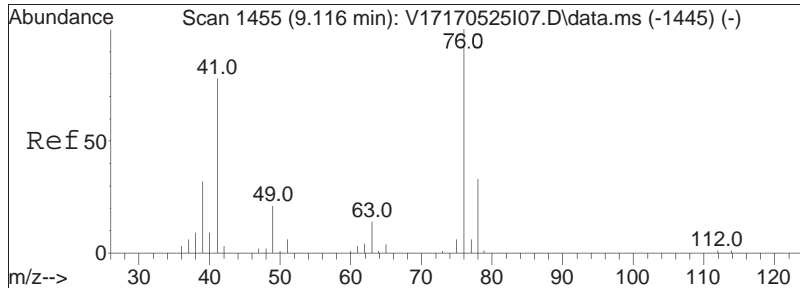




#69
 Chlorodibromomethane
 Concen: 20.27 ug/L
 RT: 8.990 min Scan# 1431
 Delta R.T. -0.005 min
 Lab File: V17170716A02.D
 Acq: 16 Jul 2017 08:26 am

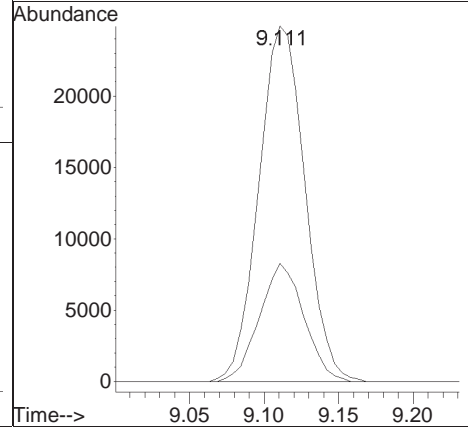
Tgt Ion	Resp	Lower	Upper
129	48195		
129	100		
81	14.1	0.0	34.2
127	76.2	55.9	95.9

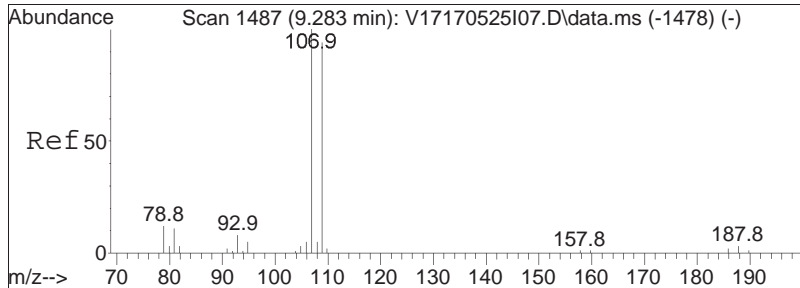




#70
 1,3-Dichloropropane
 Concen: 19.06 ug/L
 RT: 9.111 min Scan# 1454
 Delta R.T. -0.000 min
 Lab File: V17170716A02.D
 Acq: 16 Jul 2017 08:26 am

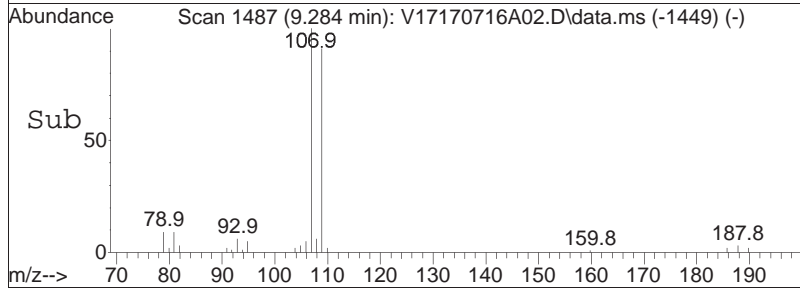
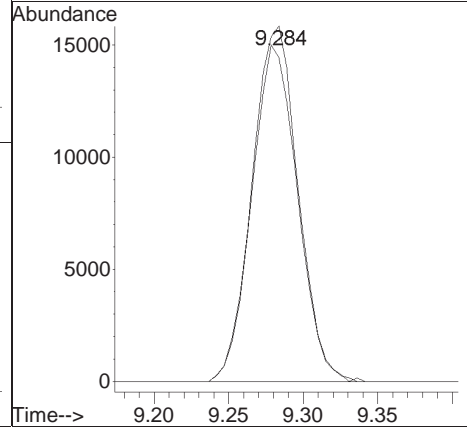
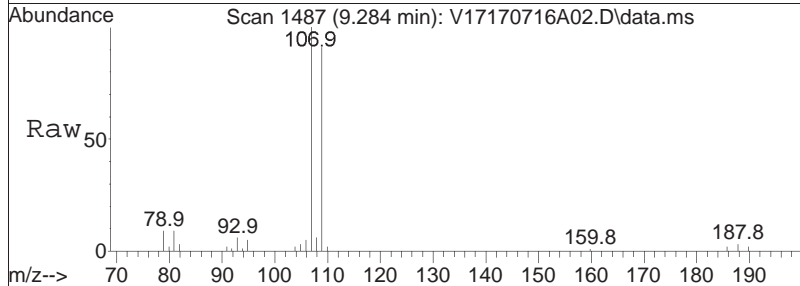
Tgt Ion:	76	Resp:	53557
Ion Ratio	100	Lower	Upper
78	32.0	26.0	39.0

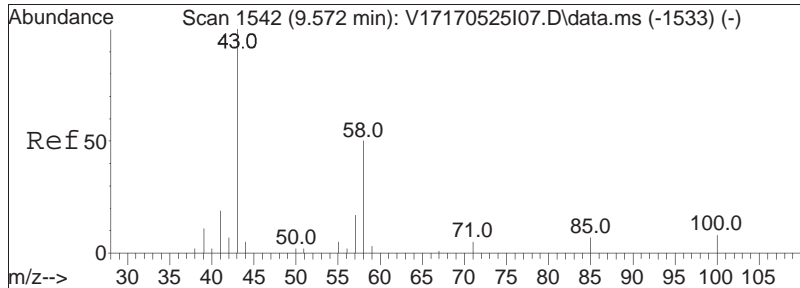




#71
 1,2-Dibromoethane
 Concen: 19.54 ug/L
 RT: 9.284 min Scan# 1487
 Delta R.T. -0.000 min
 Lab File: V17170716A02.D
 Acq: 16 Jul 2017 08:26 am

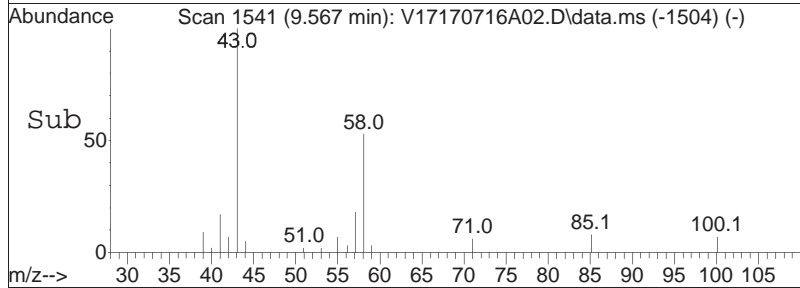
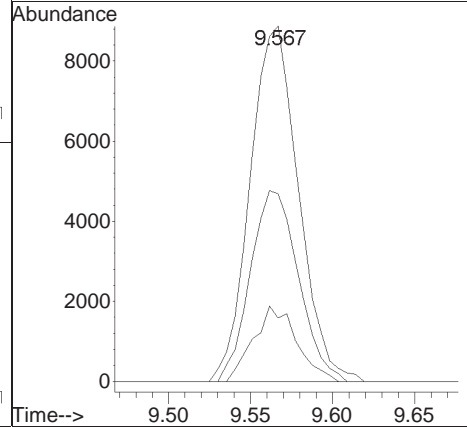
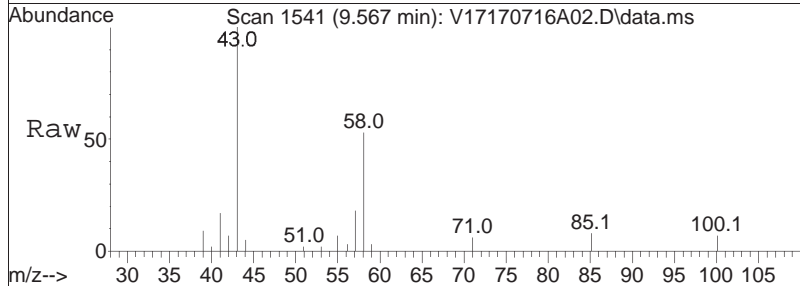
Tgt Ion	Resp	Lower	Upper
107	34005		
107	100		
109	94.0	75.4	113.2

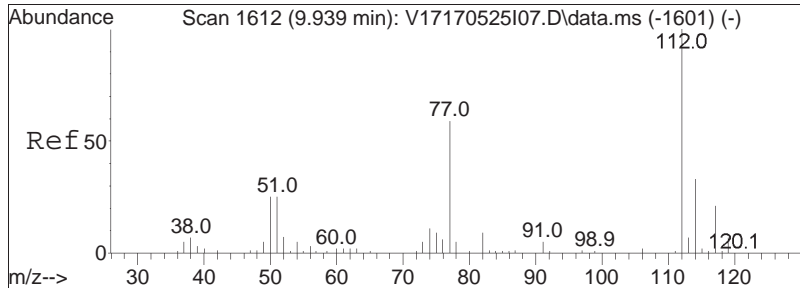




#72
 2-Hexanone
 Concen: 16.83 ug/L
 RT: 9.567 min Scan# 1541
 Delta R.T. -0.005 min
 Lab File: V17170716A02.D
 Acq: 16 Jul 2017 08:26 am

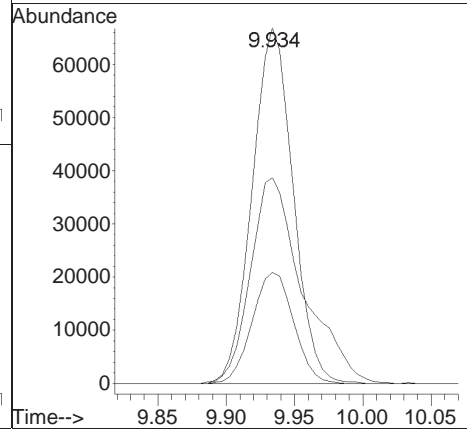
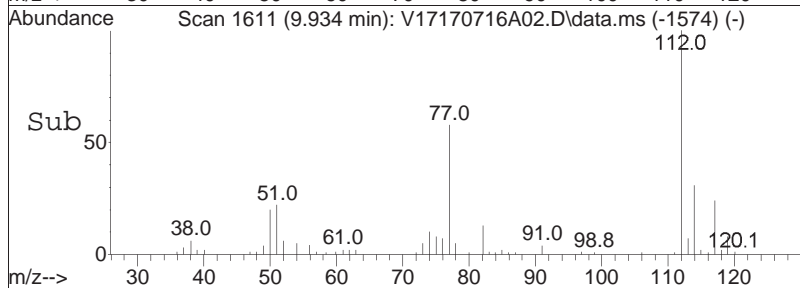
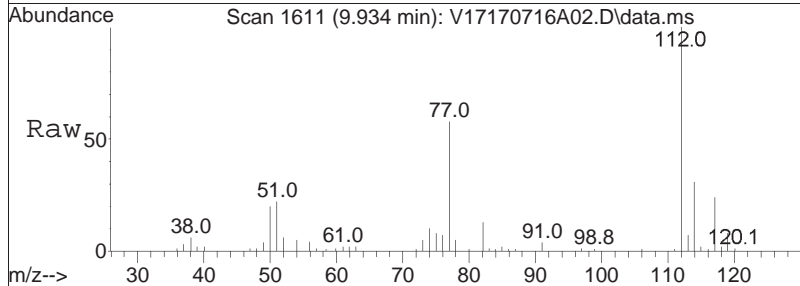
Tgt Ion	Resp	Lower	Upper
43	18201		
58	53.5	39.8	59.6
57	18.9	14.2	21.2

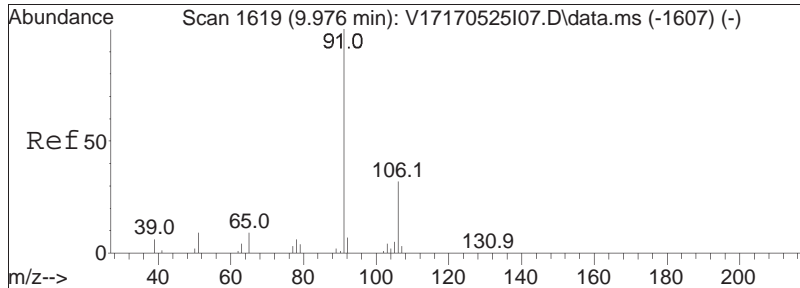




#73
 Chlorobenzene
 Concen: 20.09 ug/L
 RT: 9.934 min Scan# 1611
 Delta R.T. -0.005 min
 Lab File: V17170716A02.D
 Acq: 16 Jul 2017 08:26 am

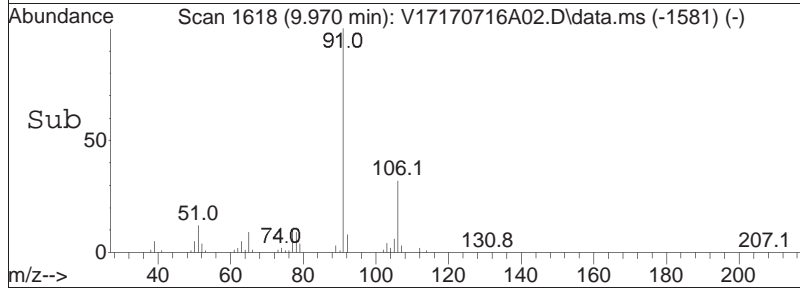
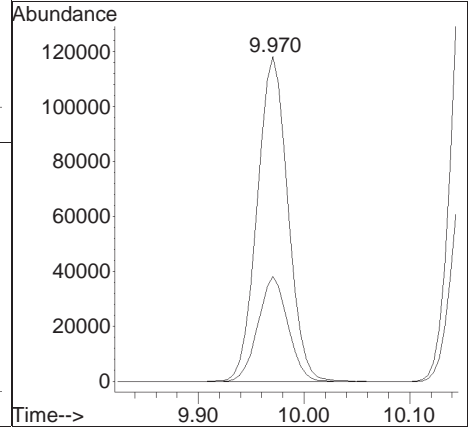
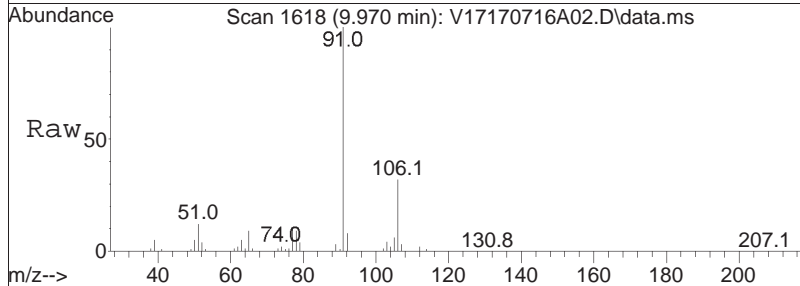
Tgt Ion	Ratio	Lower	Upper
112	100		
77	74.3	55.8	83.8
114	31.7	26.2	39.2

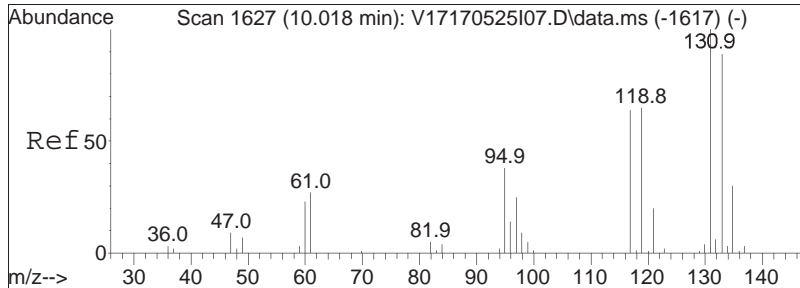




#74
 Ethylbenzene
 Concen: 19.82 ug/L
 RT: 9.970 min Scan# 1618
 Delta R.T. -0.006 min
 Lab File: V17170716A02.D
 Acq: 16 Jul 2017 08:26 am

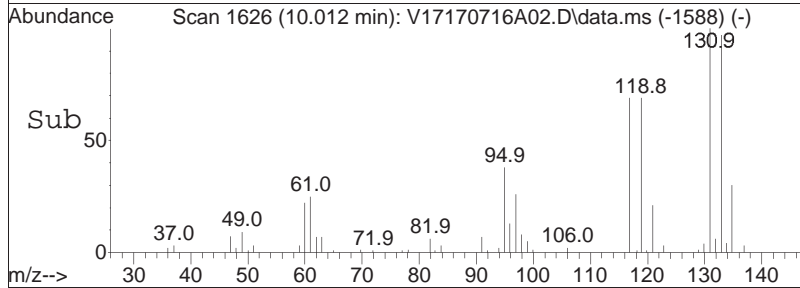
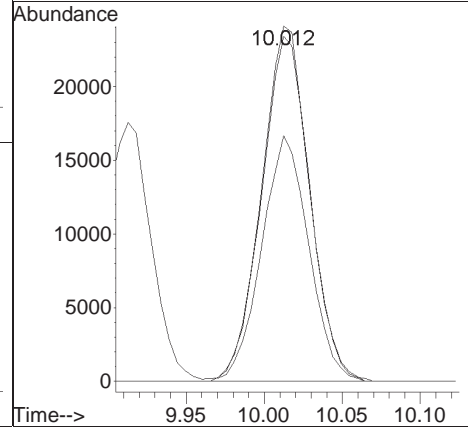
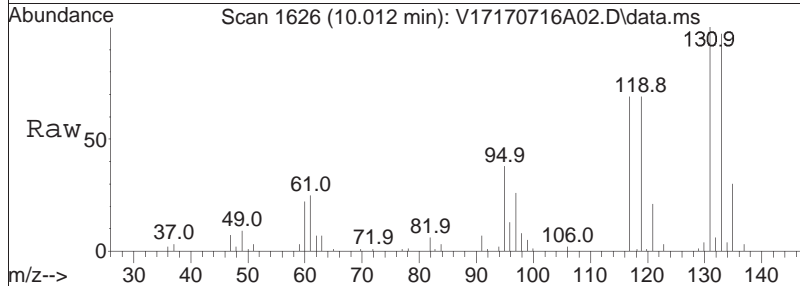
Tgt Ion:	91	Resp:	238138
Ion Ratio	Lower	Upper	
91	100		
106	31.3	25.8	38.6

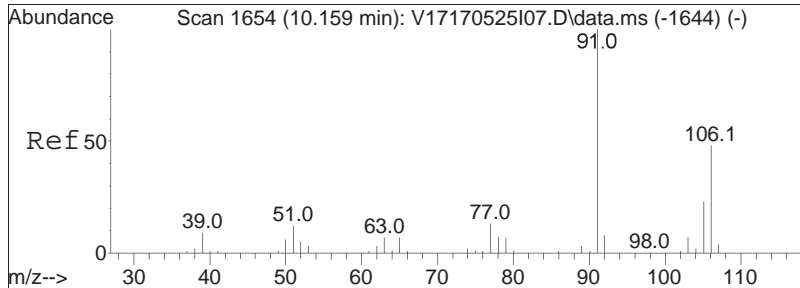




#75
 1,1,1,2-Tetrachloroethane
 Concen: 20.49 ug/L
 RT: 10.012 min Scan# 1626
 Delta R.T. 0.000 min
 Lab File: V17170716A02.D
 Acq: 16 Jul 2017 08:26 am

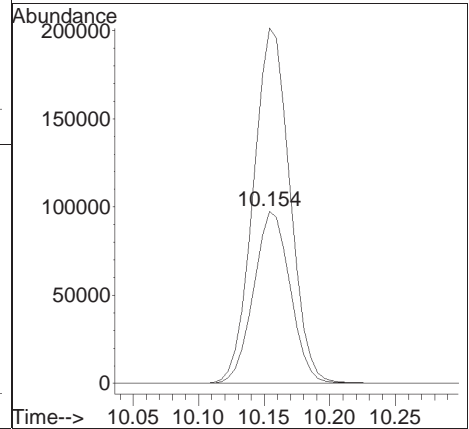
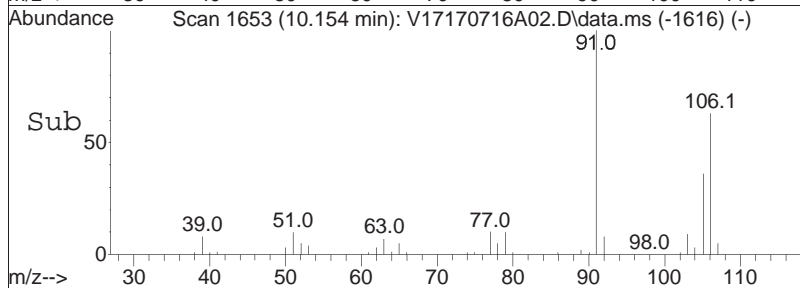
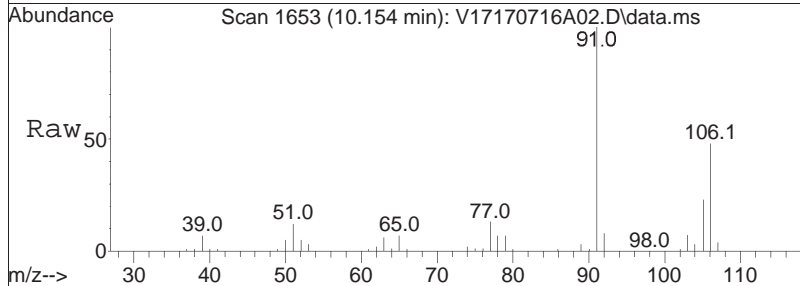
Tgt Ion	Resp	Lower	Upper
131	51639		
131	100		
133	97.6	75.5	115.5
119	67.9	46.4	86.4

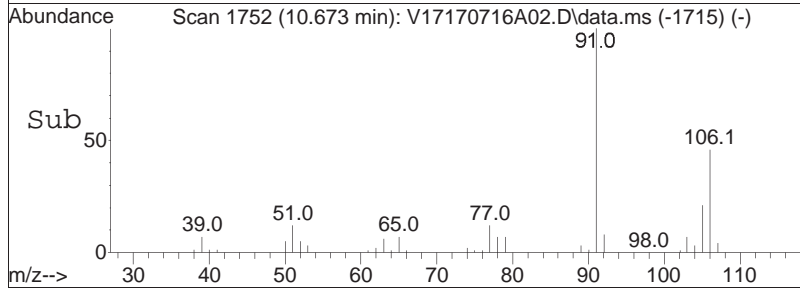
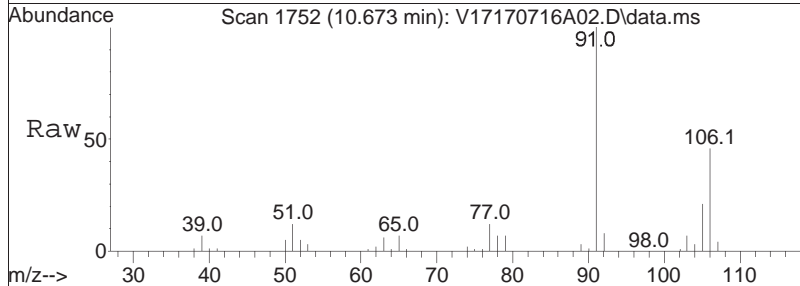
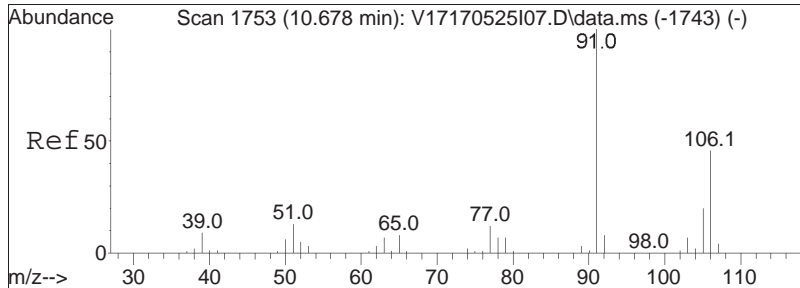




#76
 p/m Xylene
 Concen: 40.89 ug/L
 RT: 10.154 min Scan# 1653
 Delta R.T. -0.005 min
 Lab File: V17170716A02.D
 Acq: 16 Jul 2017 08:26 am

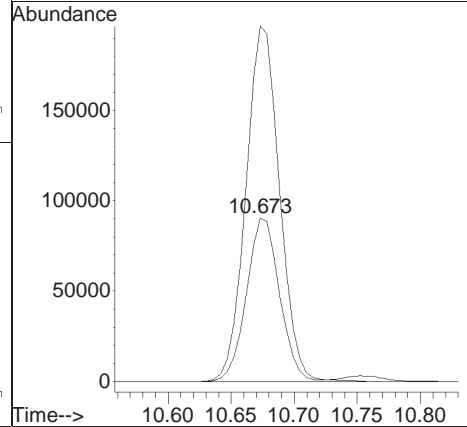
Tgt Ion	Resp	Lower	Upper
106	100		
91	207.0	162.9	244.3

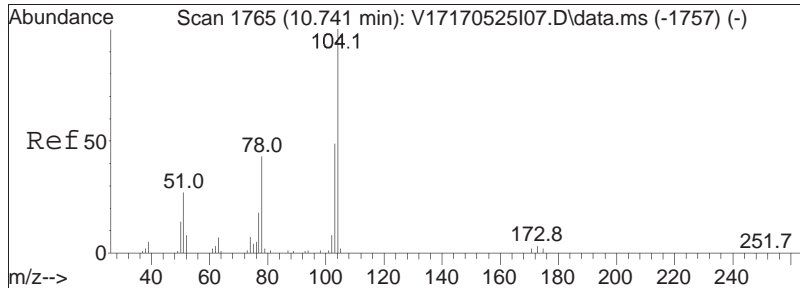




#77
 o Xylene
 Concen: 37.78 ug/L
 RT: 10.673 min Scan# 1752
 Delta R.T. -0.005 min
 Lab File: V17170716A02.D
 Acq: 16 Jul 2017 08:26 am

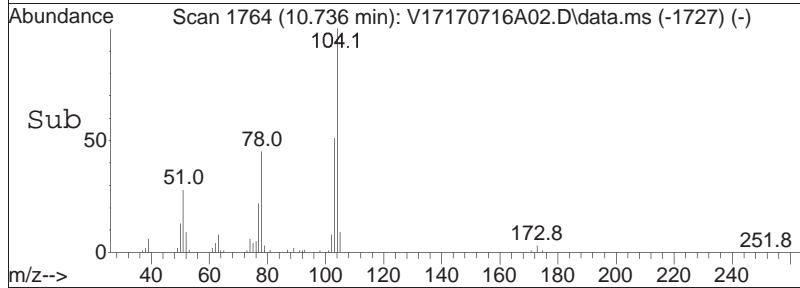
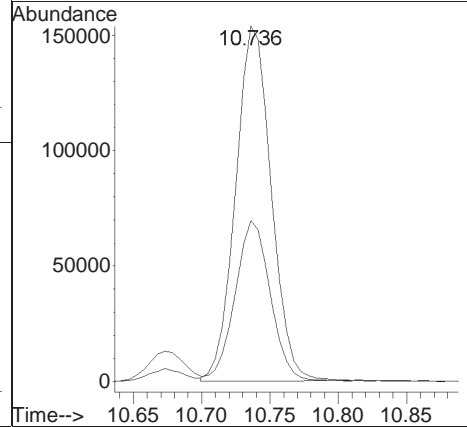
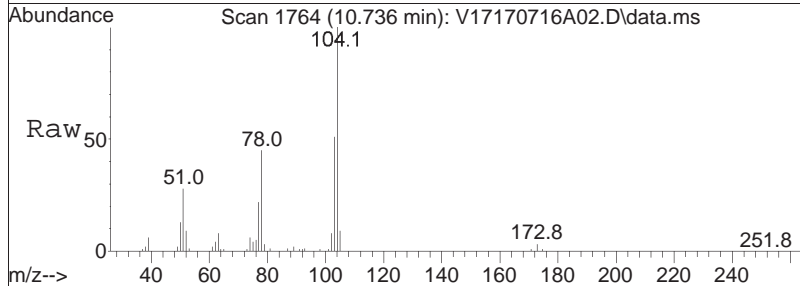
Tgt Ion	Resp	Lower	Upper
106	100		
91	219.2	170.4	255.6

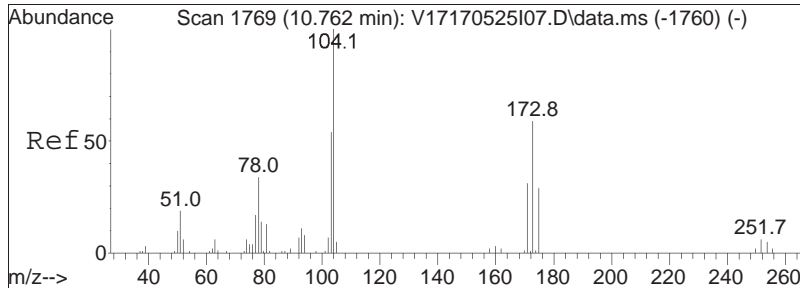




#78
 Styrene
 Concen: 38.83 ug/L
 RT: 10.736 min Scan# 1764
 Delta R.T. -0.005 min
 Lab File: V17170716A02.D
 Acq: 16 Jul 2017 08:26 am

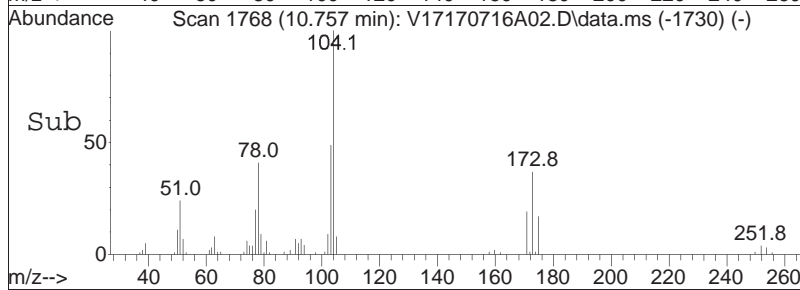
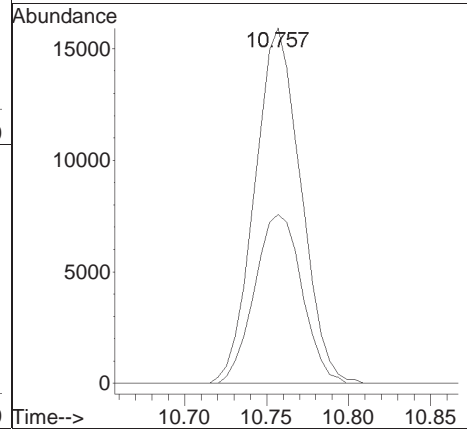
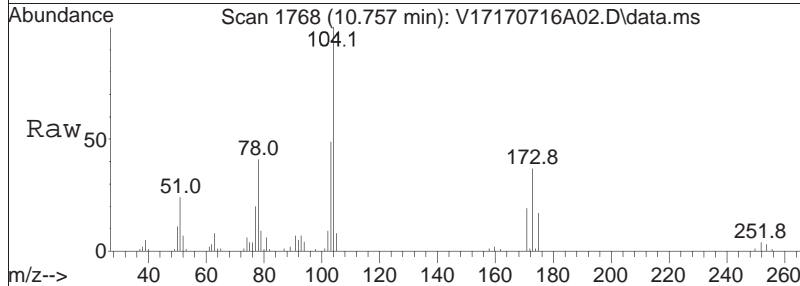
Tgt Ion	Ratio	Lower	Upper
104	100		
78	44.6	34.1	51.1

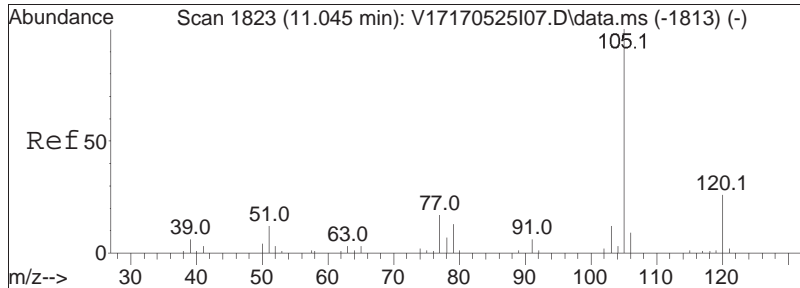




#80
 Bromoform
 Concen: 20.11 ug/L
 RT: 10.757 min Scan# 1768
 Delta R.T. -0.000 min
 Lab File: V17170716A02.D
 Acq: 16 Jul 2017 08:26 am

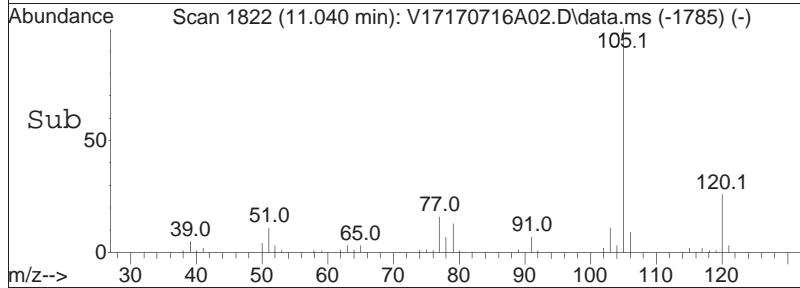
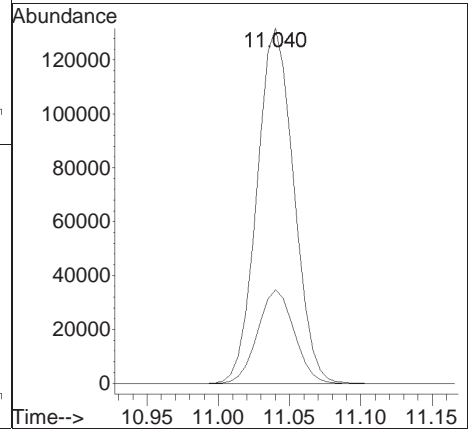
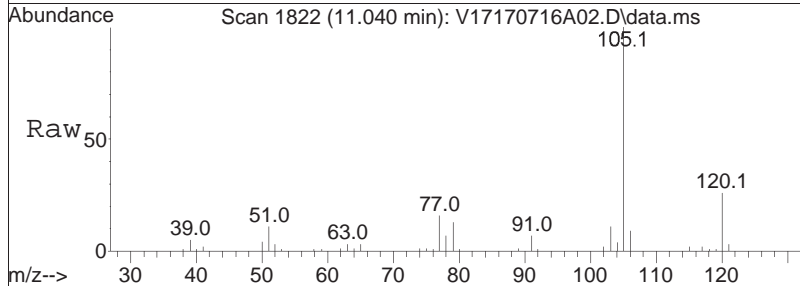
Tgt Ion:	173	Resp:	31180
Ion Ratio	Lower	Upper	
173	100		
175	48.9	28.8	68.8

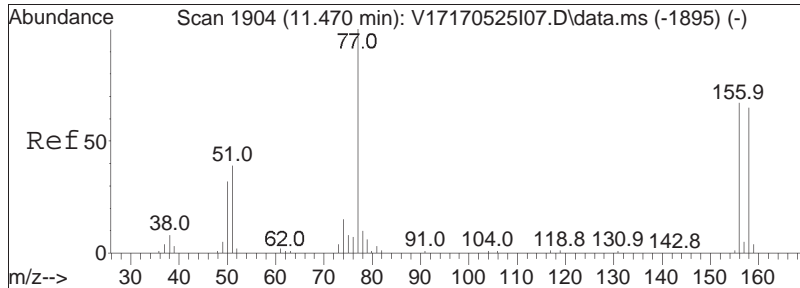




#82
 Isopropylbenzene
 Concen: 19.97 ug/L
 RT: 11.040 min Scan# 1822
 Delta R.T. -0.005 min
 Lab File: V17170716A02.D
 Acq: 16 Jul 2017 08:26 am

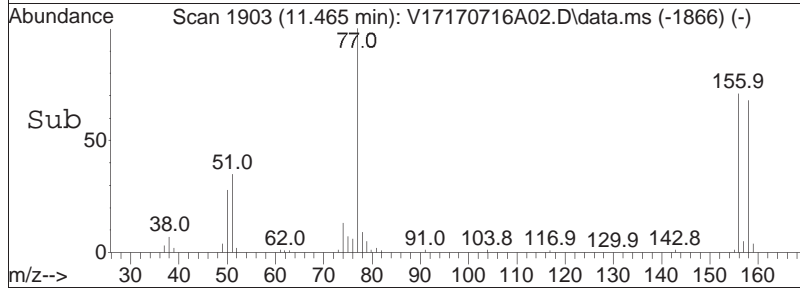
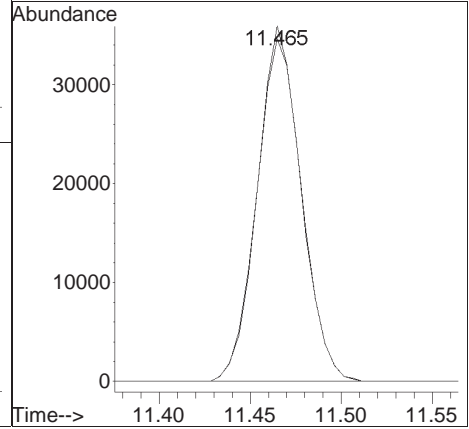
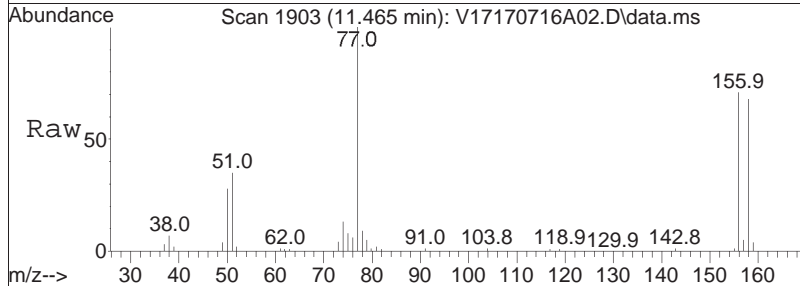
Tgt Ion	Resp	Lower	Upper
105	100		
120	26.1	6.6	46.6

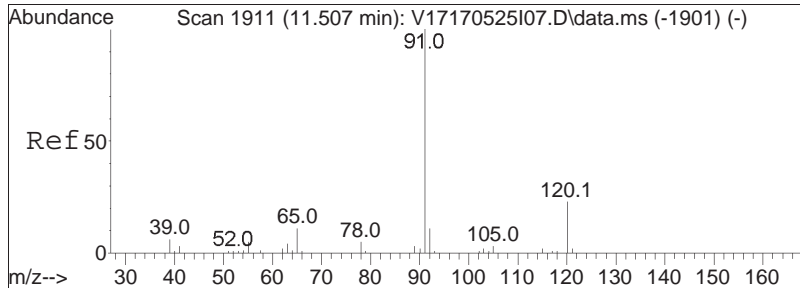




#84
 Bromobenzene
 Concen: 20.15 ug/L
 RT: 11.465 min Scan# 1903
 Delta R.T. -0.005 min
 Lab File: V17170716A02.D
 Acq: 16 Jul 2017 08:26 am

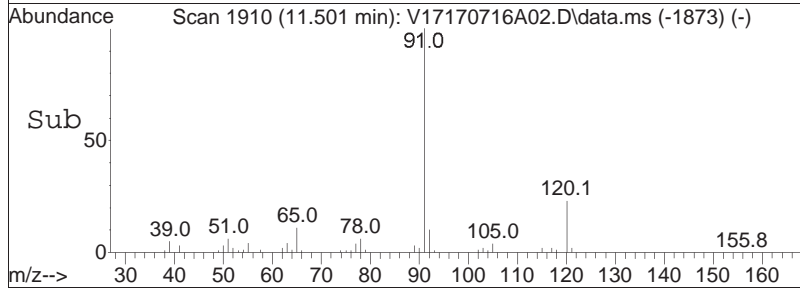
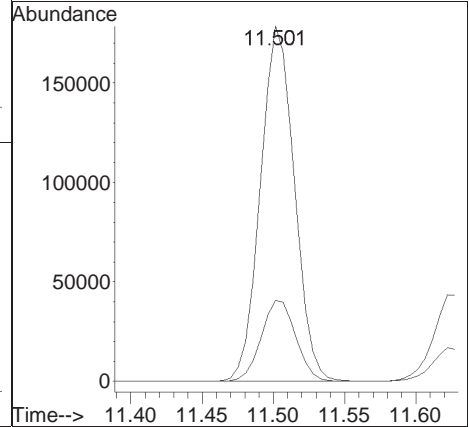
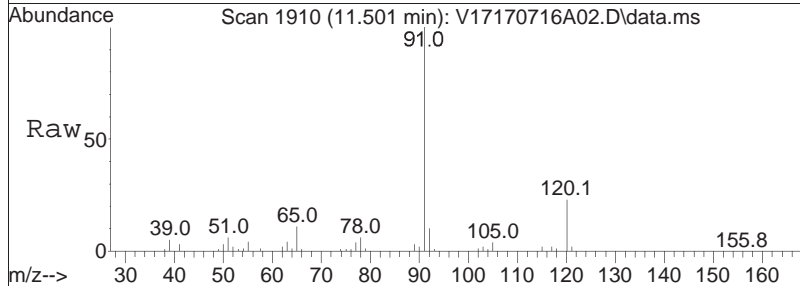
Tgt Ion	Resp	Lower	Upper
156	100		
158	98.4	78.3	117.5

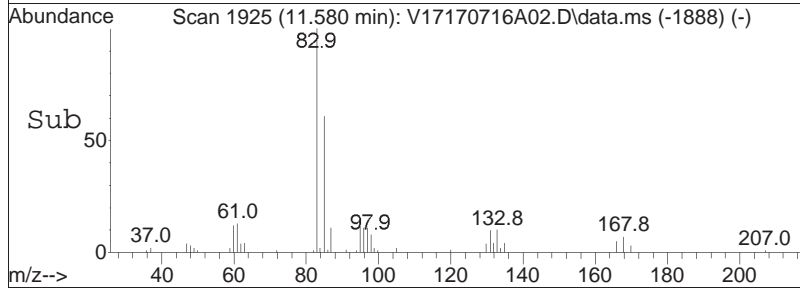
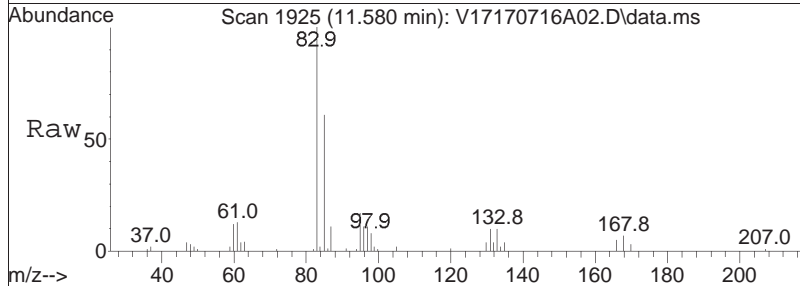
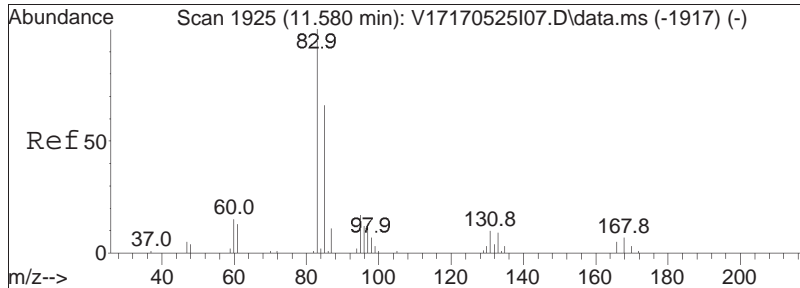




#85
 n-Propylbenzene
 Concen: 20.07 ug/L
 RT: 11.501 min Scan# 1910
 Delta R.T. -0.006 min
 Lab File: V17170716A02.D
 Acq: 16 Jul 2017 08:26 am

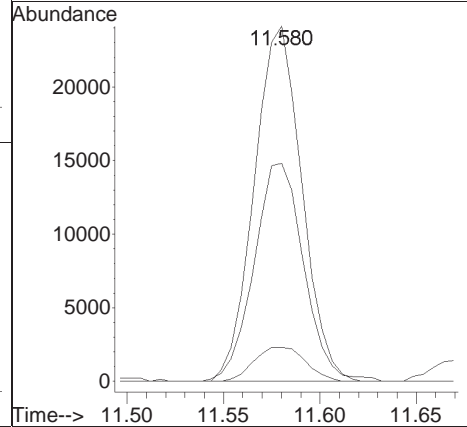
Tgt Ion:	Resp:	Lower	Upper
91	100		
120	23.1	19.5	29.3

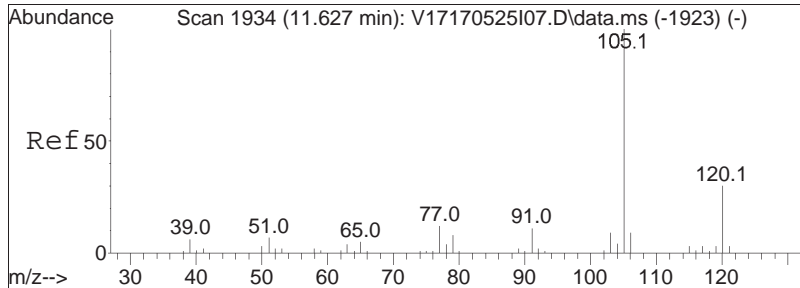




#87
 1,1,2,2-Tetrachloroethane
 Concen: 19.23 ug/L
 RT: 11.580 min Scan# 1925
 Delta R.T. -0.005 min
 Lab File: V17170716A02.D
 Acq: 16 Jul 2017 08:26 am

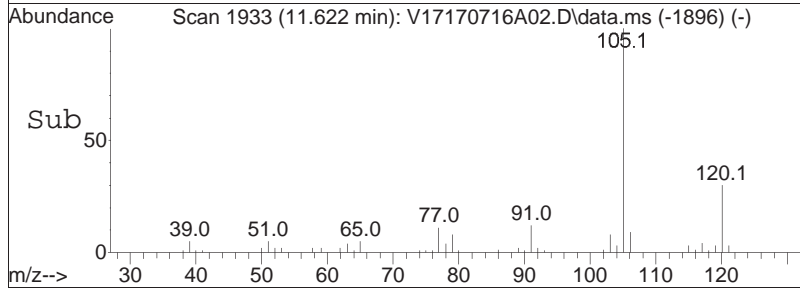
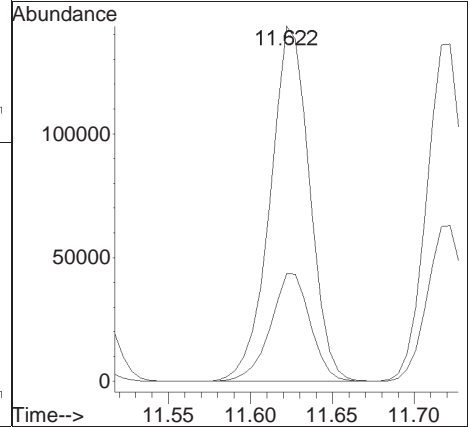
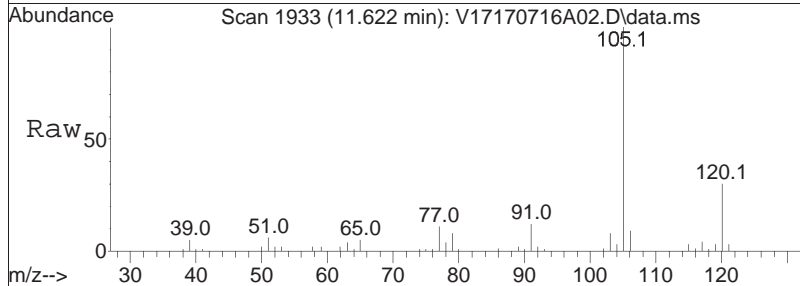
Tgt Ion	Resp	Lower	Upper
83	41467		
83	100		
131	10.5	0.0	31.5
85	64.1	45.6	85.6

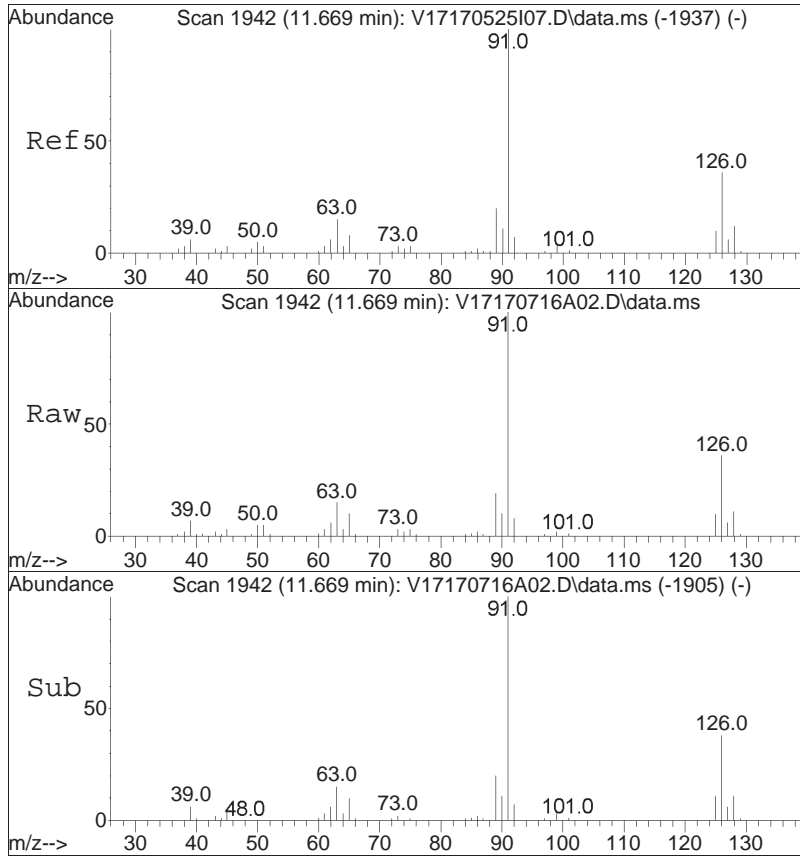




#88
 4-Ethyltoluene
 Concen: 20.31 ug/L
 RT: 11.622 min Scan# 1933
 Delta R.T. -0.005 min
 Lab File: V17170716A02.D
 Acq: 16 Jul 2017 08:26 am

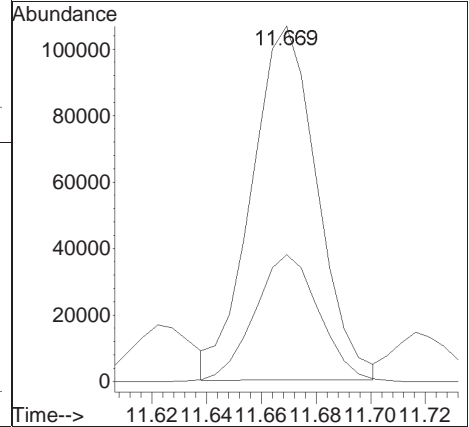
Tgt Ion	Resp	Lower	Upper
105	100		
120	30.6	20.2	42.0

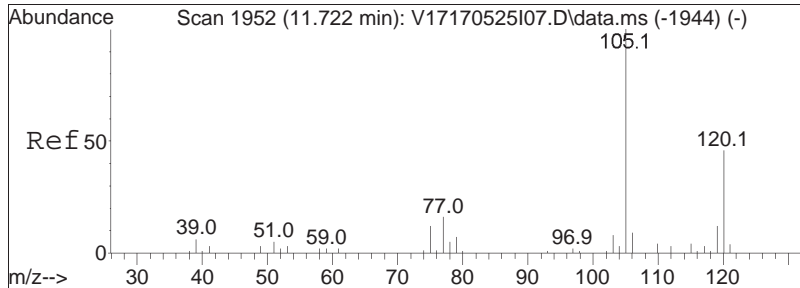




#89
 2-Chlorotoluene
 Concen: 20.46 ug/L
 RT: 11.669 min Scan# 1942
 Delta R.T. -0.006 min
 Lab File: V17170716A02.D
 Acq: 16 Jul 2017 08:26 am

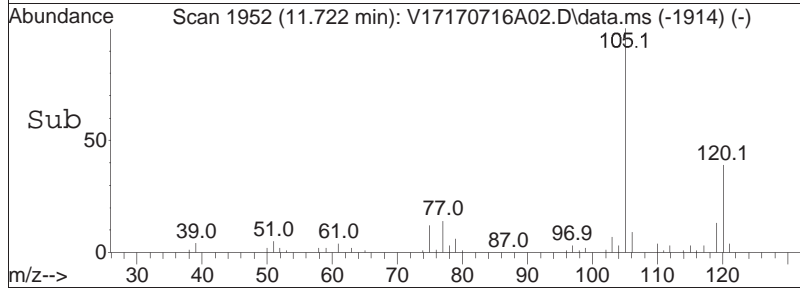
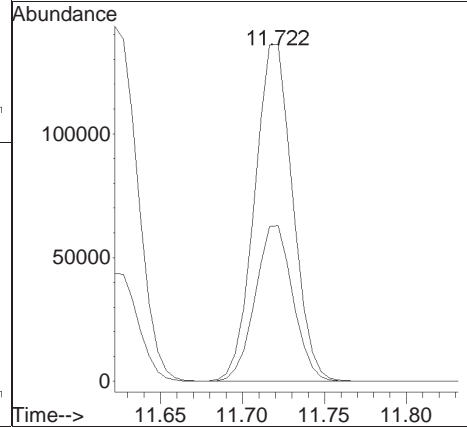
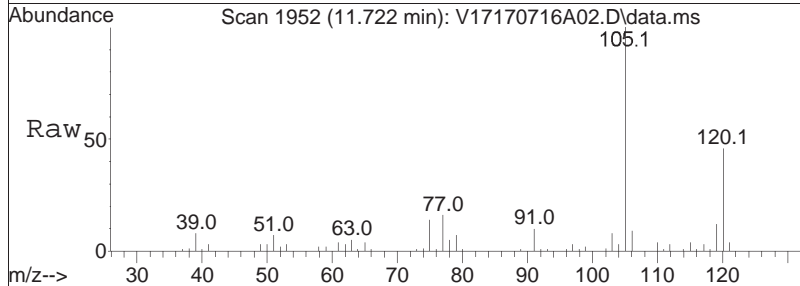
Tgt Ion:	Resp:	Lower	Upper
91	177725		
126	35.1	30.0	45.0

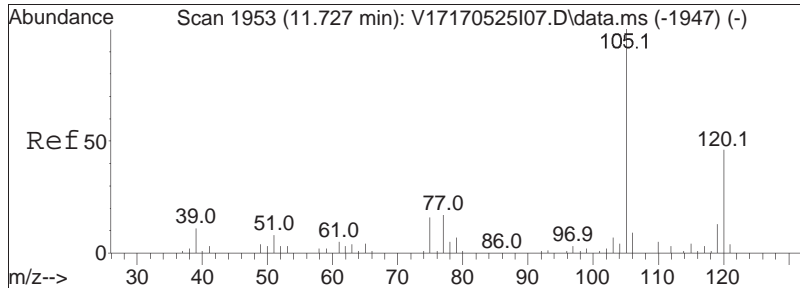




#90
 1,3,5-Trimethylbenzene
 Concen: 20.76 ug/L
 RT: 11.722 min Scan# 1952
 Delta R.T. -0.000 min
 Lab File: V17170716A02.D
 Acq: 16 Jul 2017 08:26 am

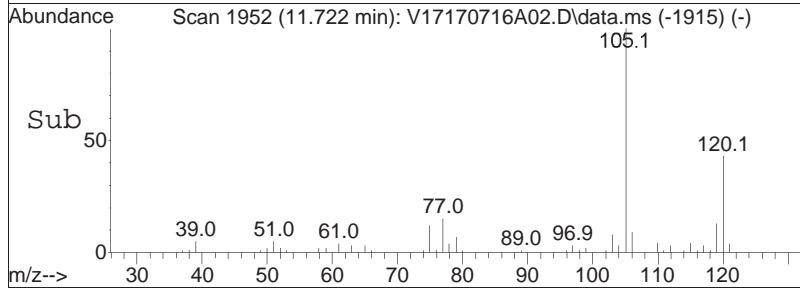
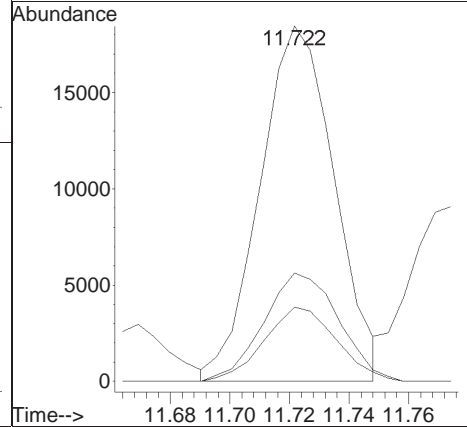
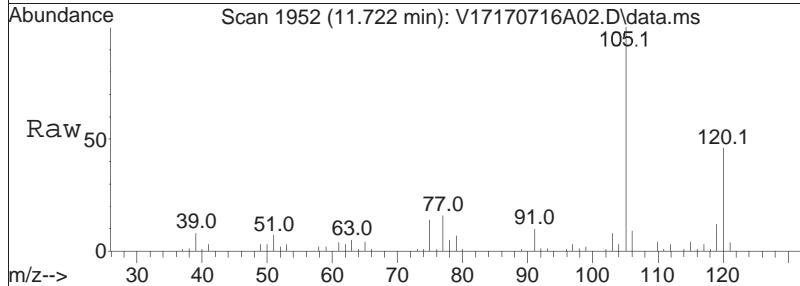
Tgt Ion	Resp	Lower	Upper
105	100		
120	45.8	37.9	56.9

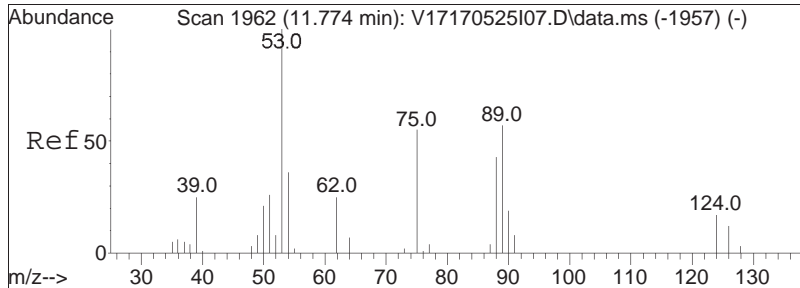




#91
 1,2,3-Trichloropropane
 Concen: 18.50 ug/L
 RT: 11.722 min Scan# 1952
 Delta R.T. -0.005 min
 Lab File: V17170716A02.D
 Acq: 16 Jul 2017 08:26 am

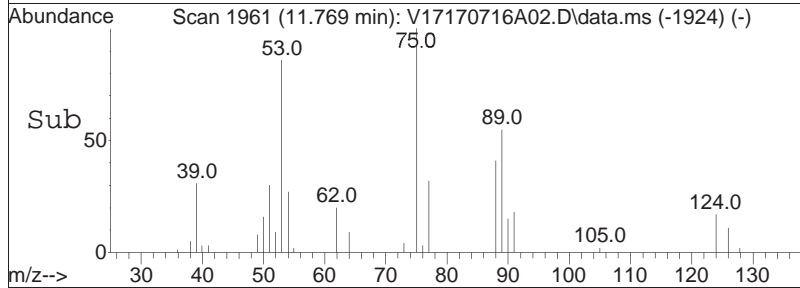
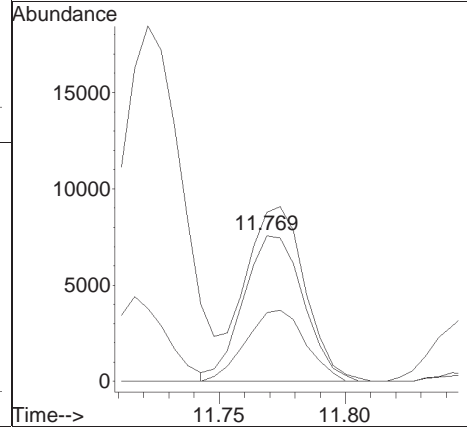
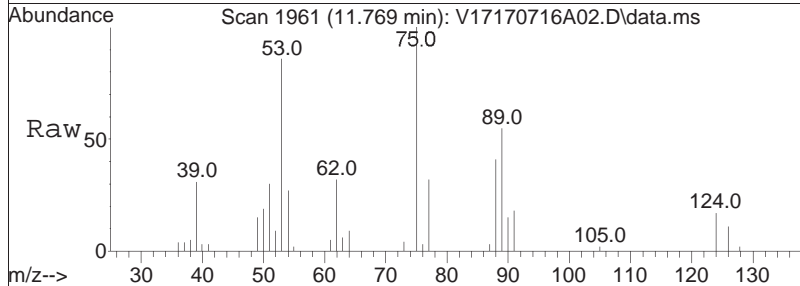
Tgt Ion	Resp	Lower	Upper
75	31953		
75	100		
110	30.8	22.6	46.8
112	20.4	14.1	29.3

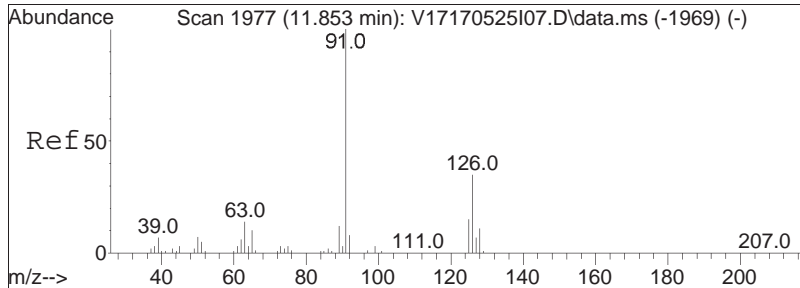




#92
 trans-1,4-Dichloro-2-butene
 Concen: 18.43 ug/L
 RT: 11.769 min Scan# 1961
 Delta R.T. -0.005 min
 Lab File: V17170716A02.D
 Acq: 16 Jul 2017 08:26 am

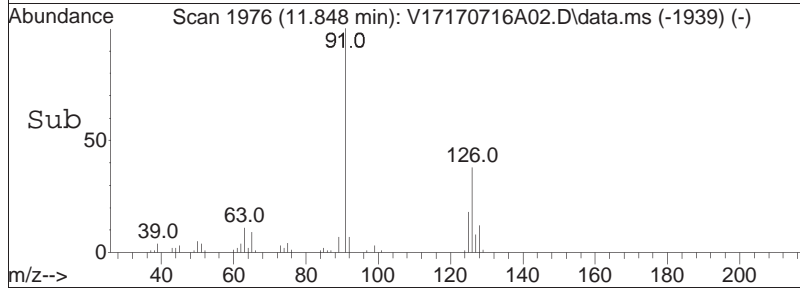
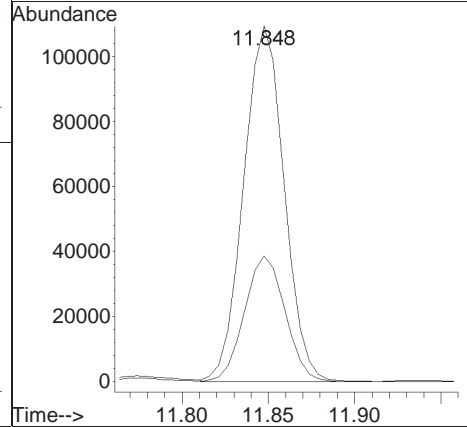
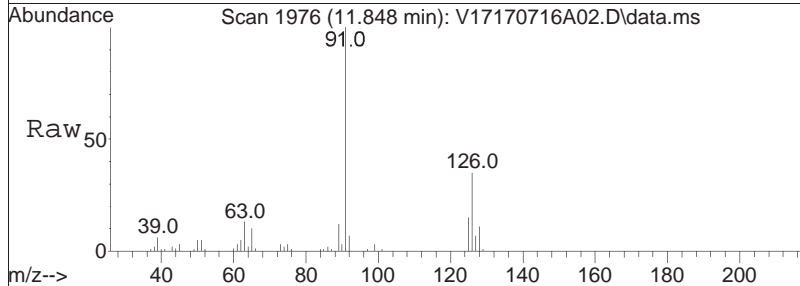
Tgt Ion	Resp	Lower	Upper
53	100		
88	48.4	33.7	50.5
75	120.1	81.6	122.4

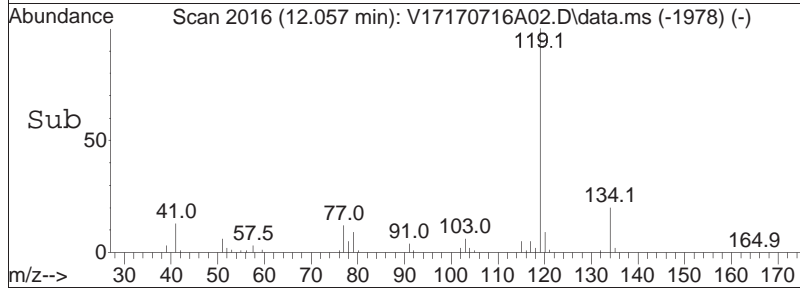
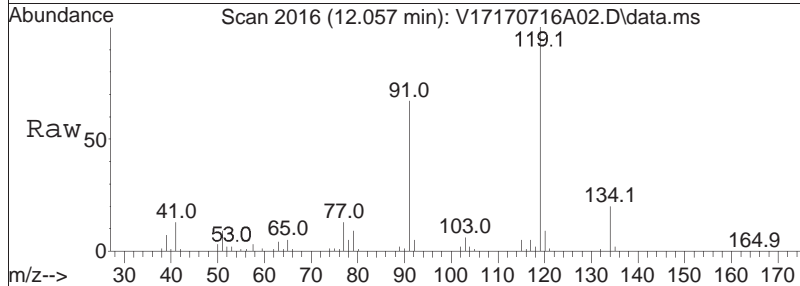
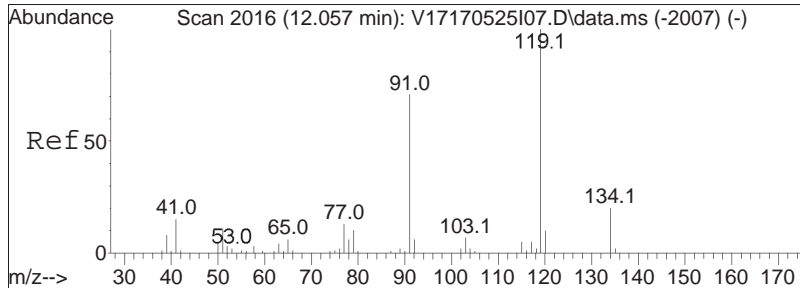




#93
 4-Chlorotoluene
 Concen: 20.13 ug/L
 RT: 11.848 min Scan# 1976
 Delta R.T. -0.005 min
 Lab File: V17170716A02.D
 Acq: 16 Jul 2017 08:26 am

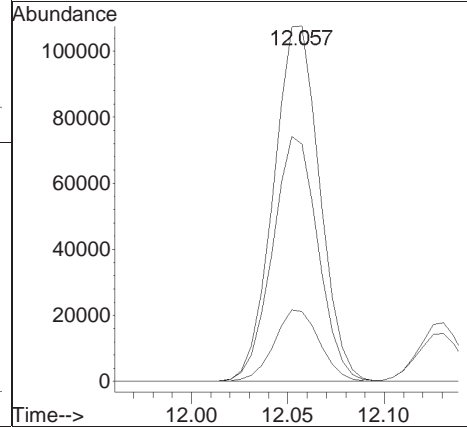
Tgt Ion:	91	Resp:	178254
Ion Ratio	Lower	Upper	
91	100		
126	35.2	29.5	44.3

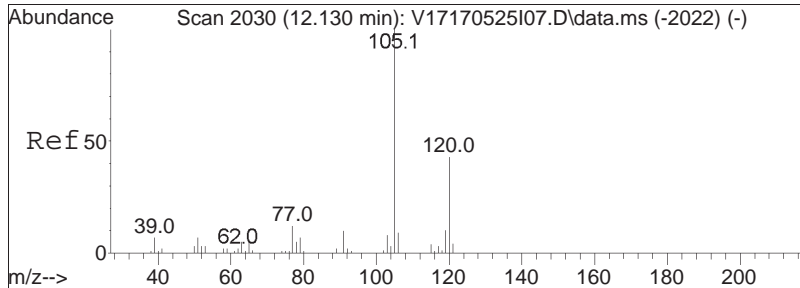




#94
 tert-Butylbenzene
 Concen: 20.49 ug/L
 RT: 12.057 min Scan# 2016
 Delta R.T. 0.000 min
 Lab File: V17170716A02.D
 Acq: 16 Jul 2017 08:26 am

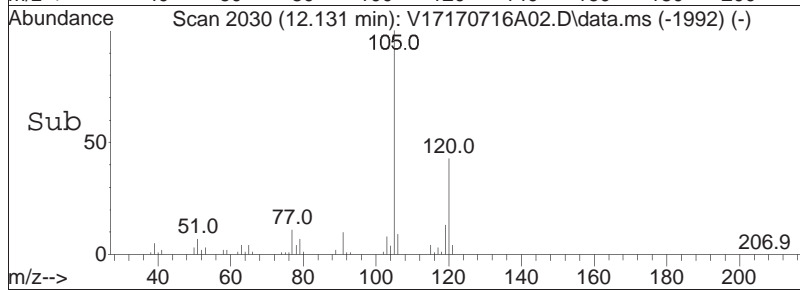
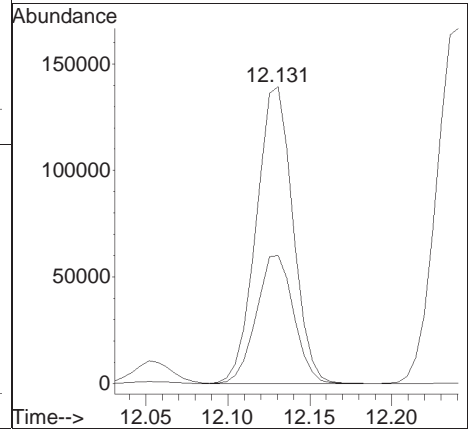
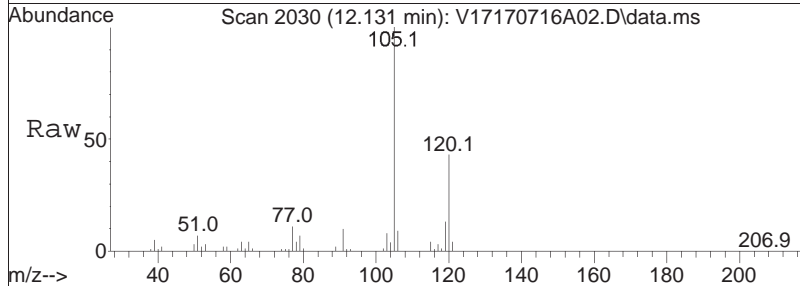
Tgt Ion	Resp	Lower	Upper
119	179640		
119	100		
91	68.0	52.2	78.2
134	19.8	15.9	23.9

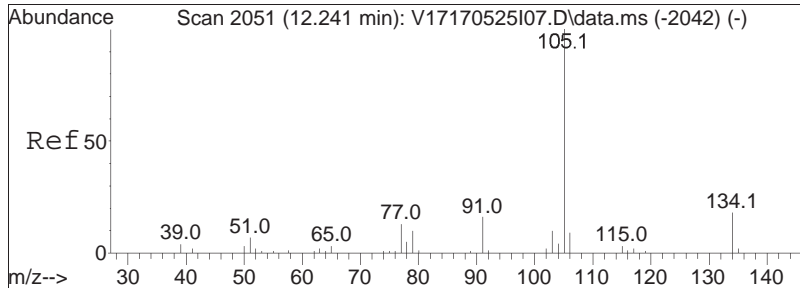




#97
 1,2,4-Trimethylbenzene
 Concen: 20.69 ug/L
 RT: 12.131 min Scan# 2030
 Delta R.T. -0.000 min
 Lab File: V17170716A02.D
 Acq: 16 Jul 2017 08:26 am

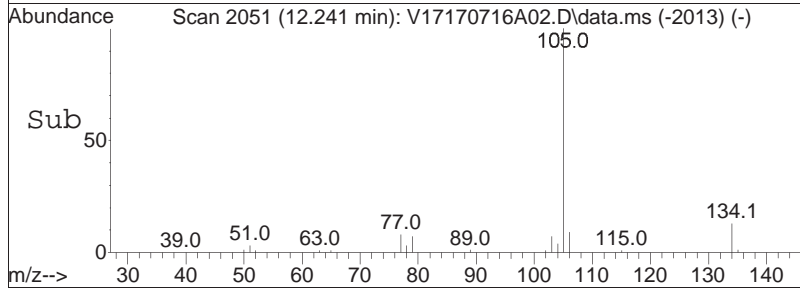
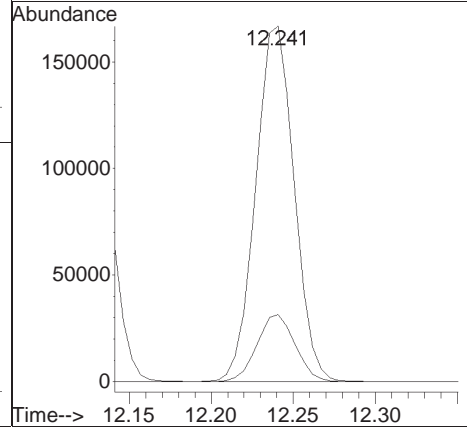
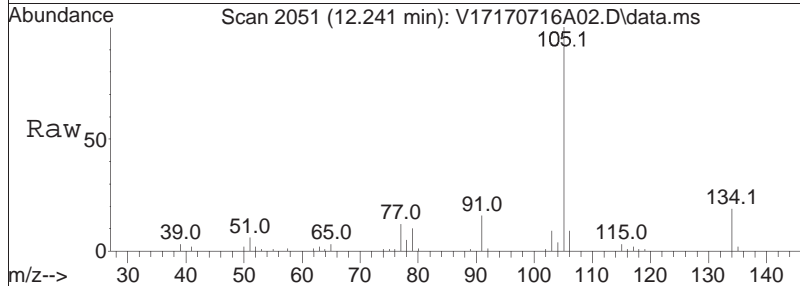
Tgt Ion	Resp	Lower	Upper
105	100		
120	43.9	35.7	53.5

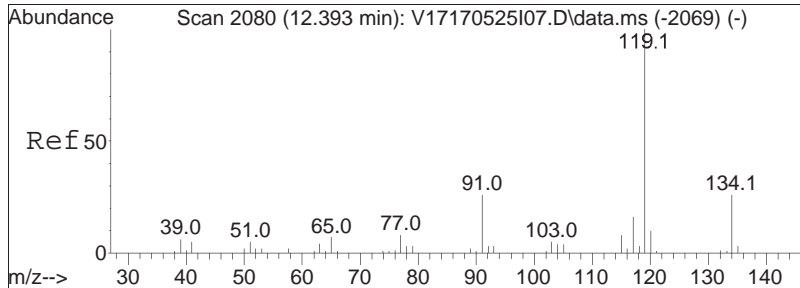




#98
 sec-Butylbenzene
 Concen: 20.42 ug/L
 RT: 12.241 min Scan# 2051
 Delta R.T. -0.000 min
 Lab File: V17170716A02.D
 Acq: 16 Jul 2017 08:26 am

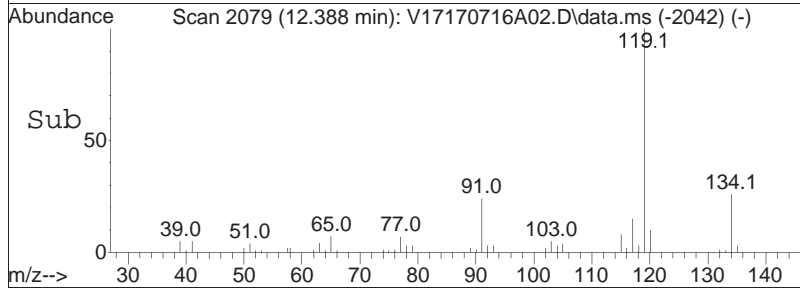
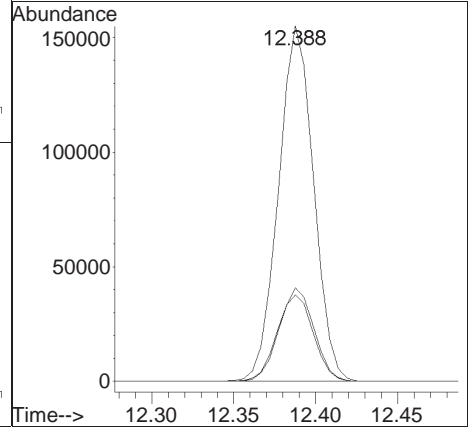
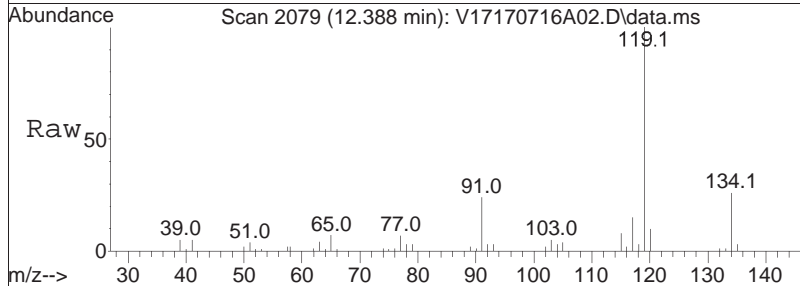
Tgt Ion	Resp	Lower	Upper
105	100		
134	18.5	12.5	25.9

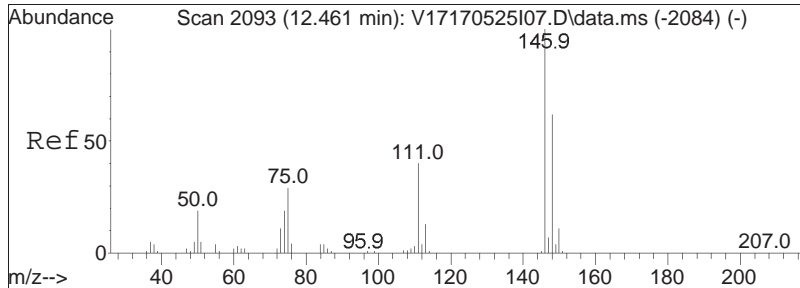




#99
 p-Isopropyltoluene
 Concen: 20.57 ug/L
 RT: 12.388 min Scan# 2079
 Delta R.T. -0.005 min
 Lab File: V17170716A02.D
 Acq: 16 Jul 2017 08:26 am

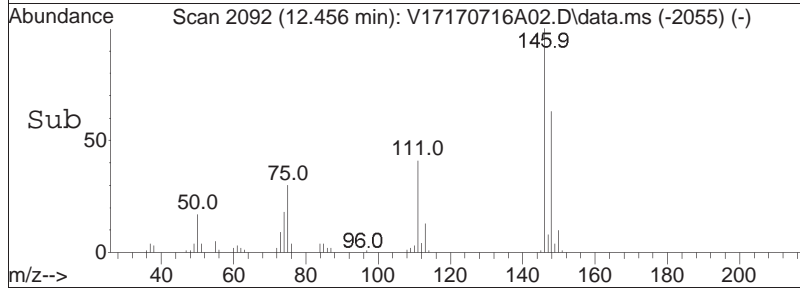
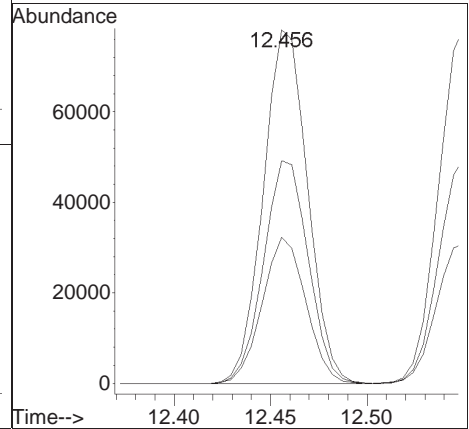
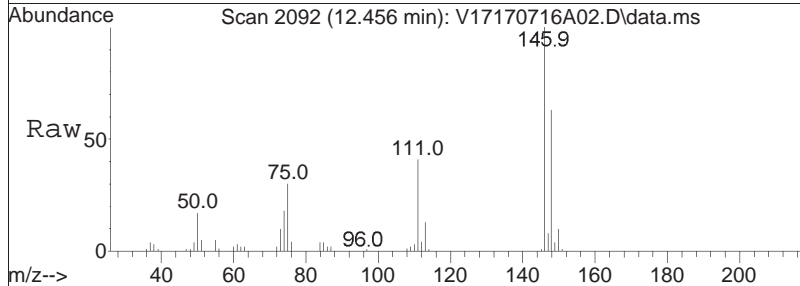
Tgt Ion	Resp	Lower	Upper
119	231330		
134	26.2	17.0	35.2
91	25.1	15.6	32.4

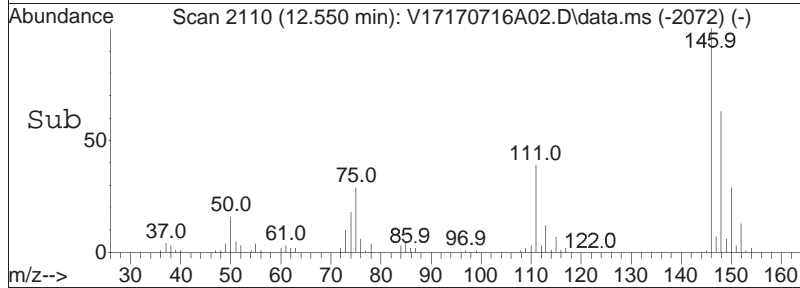
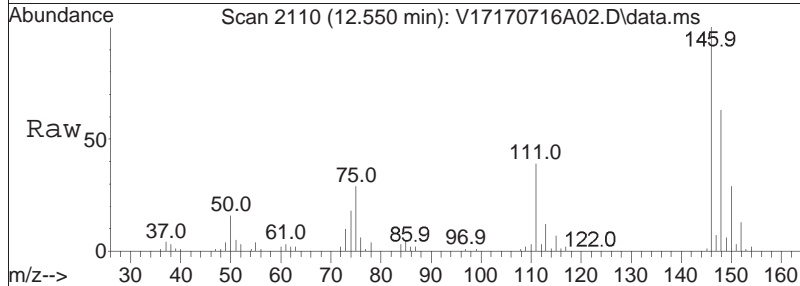
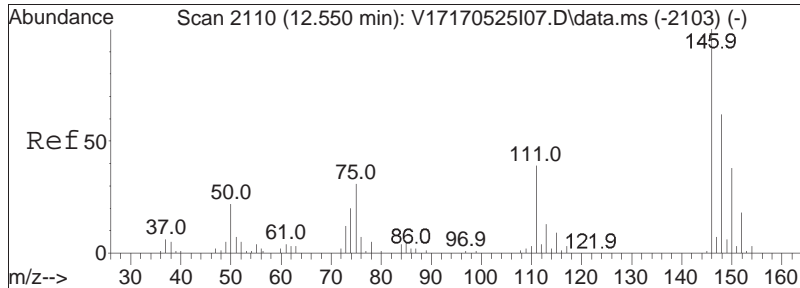




#100
 1,3-Dichlorobenzene
 Concen: 20.51 ug/L
 RT: 12.456 min Scan# 2092
 Delta R.T. -0.005 min
 Lab File: V17170716A02.D
 Acq: 16 Jul 2017 08:26 am

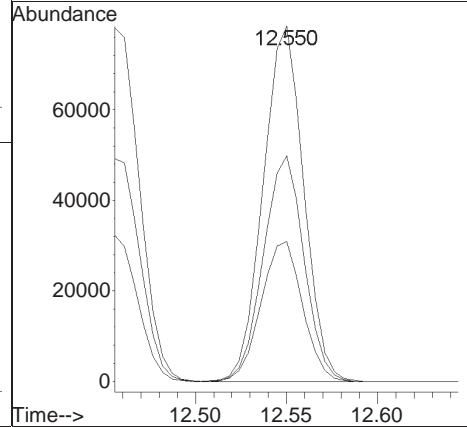
Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.6	25.8	53.6
148	63.3	41.6	86.4

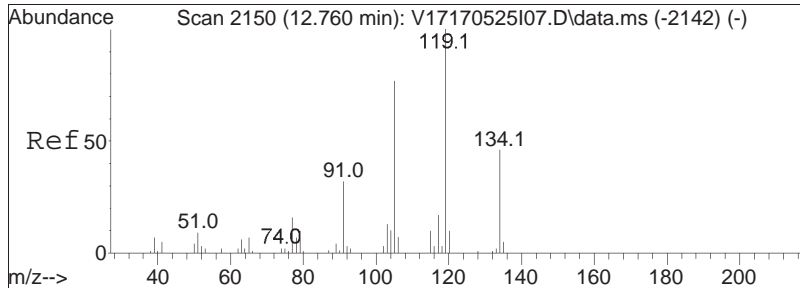




#101
 1,4-Dichlorobenzene
 Concen: 20.25 ug/L
 RT: 12.550 min Scan# 2110
 Delta R.T. 0.000 min
 Lab File: V17170716A02.D
 Acq: 16 Jul 2017 08:26 am

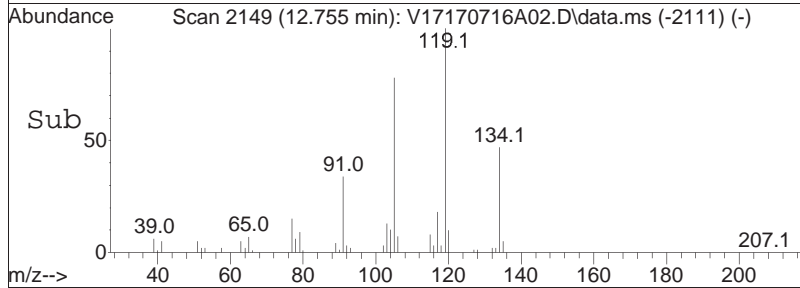
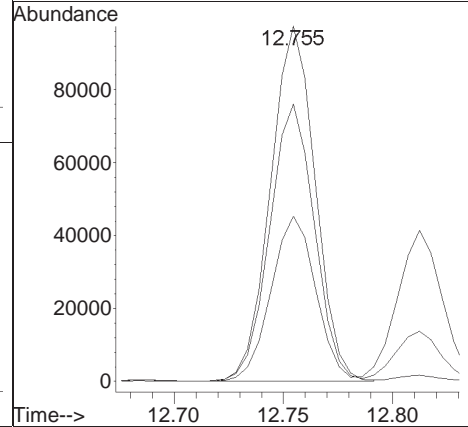
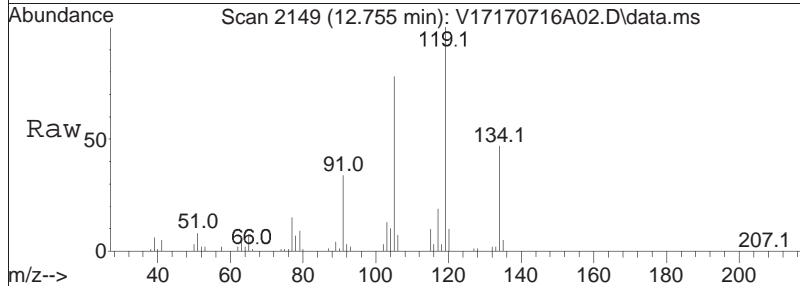
Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.3	31.4	47.0
148	63.6	51.7	77.5

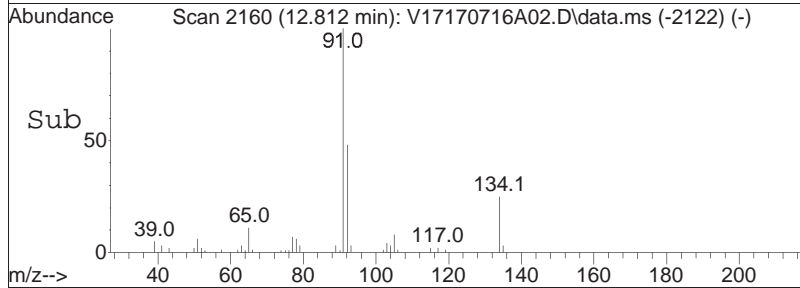
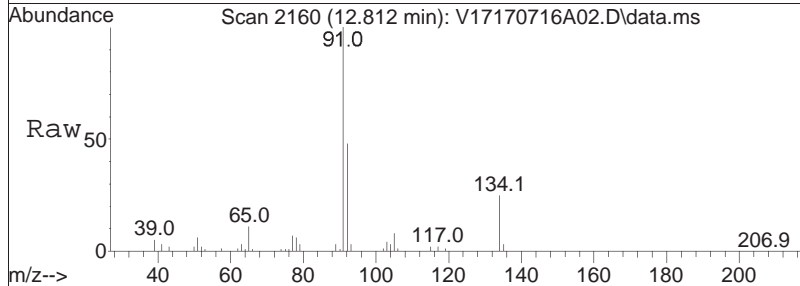
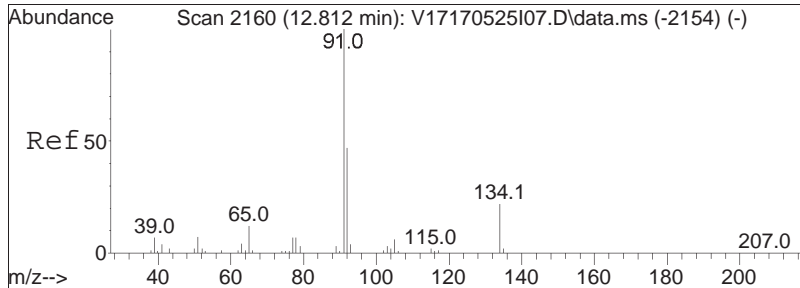




#102
 p-Diethylbenzene
 Concen: 20.09 ug/L
 RT: 12.755 min Scan# 2149
 Delta R.T. -0.000 min
 Lab File: V17170716A02.D
 Acq: 16 Jul 2017 08:26 am

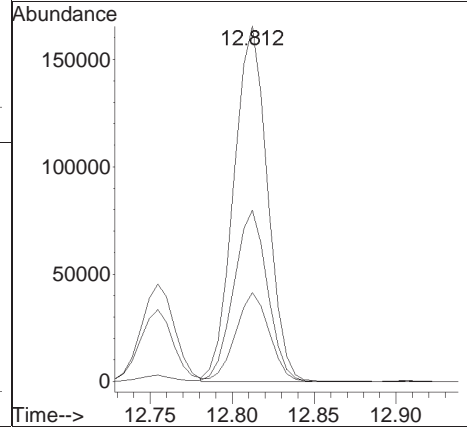
Tgt Ion	Resp	Lower	Upper
119	100		
105	78.2	49.9	103.5
134	46.5	30.6	63.4

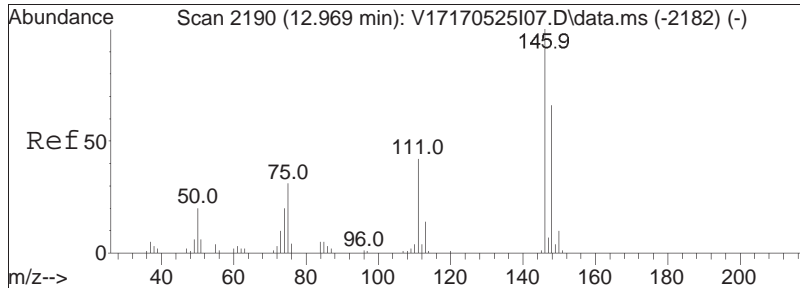




#103
 n-Butylbenzene
 Concen: 20.39 ug/L
 RT: 12.812 min Scan# 2160
 Delta R.T. 0.000 min
 Lab File: V17170716A02.D
 Acq: 16 Jul 2017 08:26 am

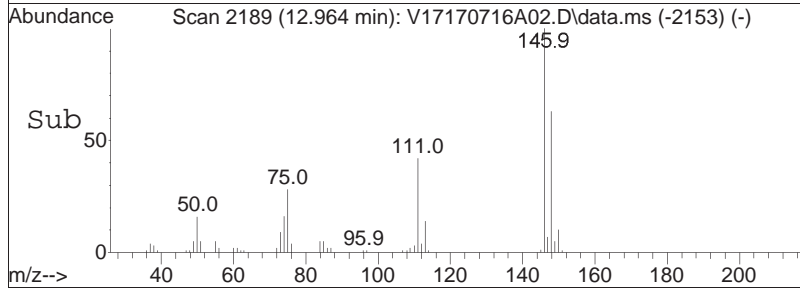
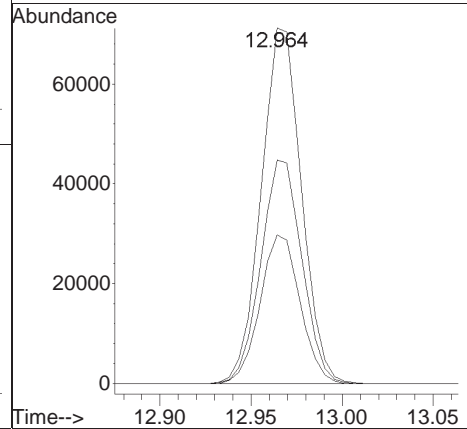
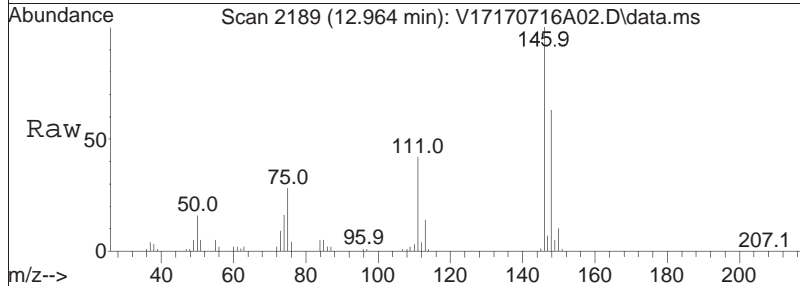
Tgt Ion:	91	Resp:	236963
Ion Ratio	Lower	Upper	
91	100		
92	48.2	39.0	58.4
134	24.9	21.3	31.9

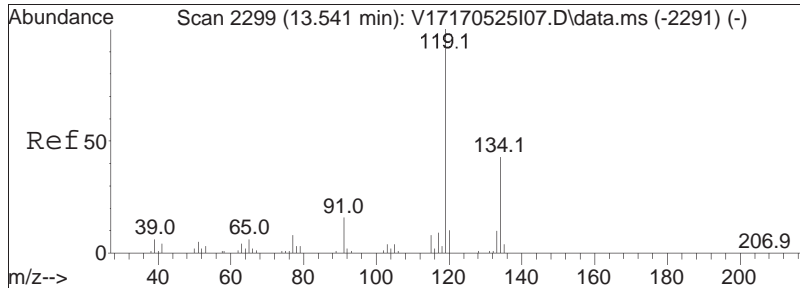




#104
 1,2-Dichlorobenzene
 Concen: 20.14 ug/L
 RT: 12.964 min Scan# 2189
 Delta R.T. -0.011 min
 Lab File: V17170716A02.D
 Acq: 16 Jul 2017 08:26 am

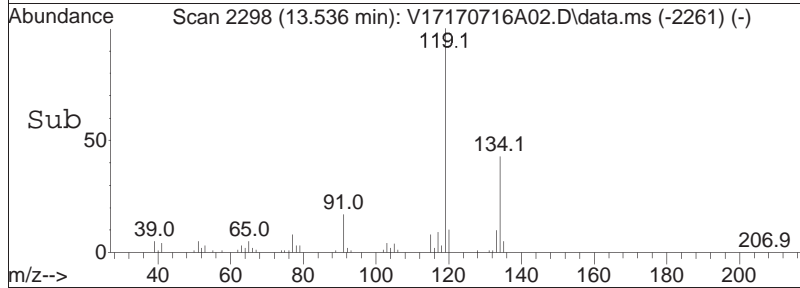
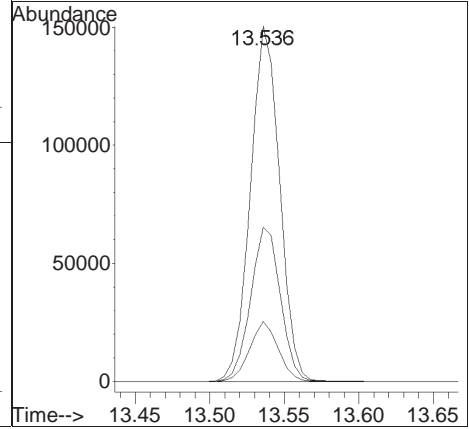
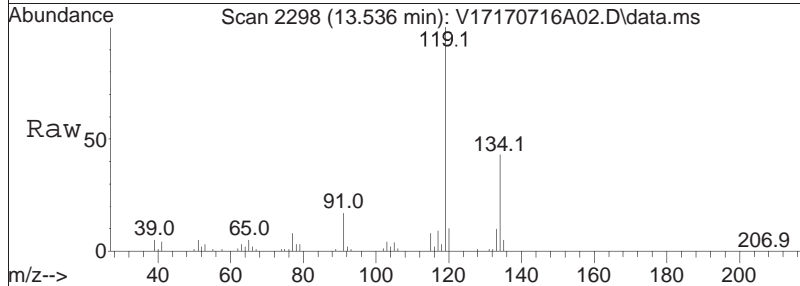
Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.5	26.2	54.4
148	64.1	41.6	86.4

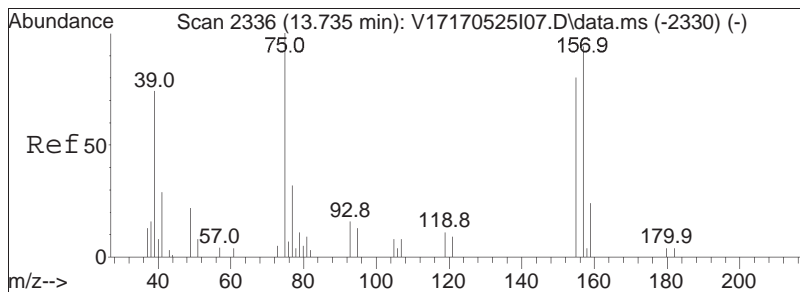




#105
 1,2,4,5-Tetramethylbenzene
 Concen: 19.68 ug/L
 RT: 13.536 min Scan# 2298
 Delta R.T. -0.005 min
 Lab File: V17170716A02.D
 Acq: 16 Jul 2017 08:26 am

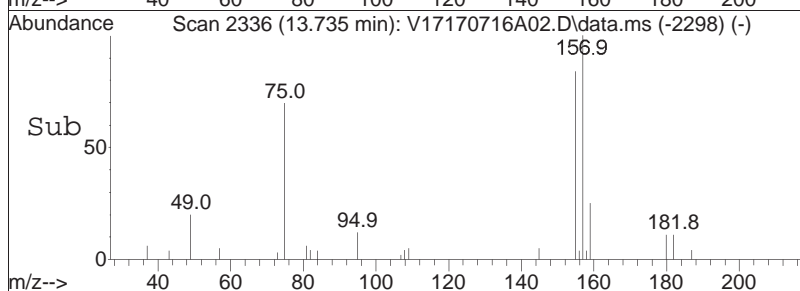
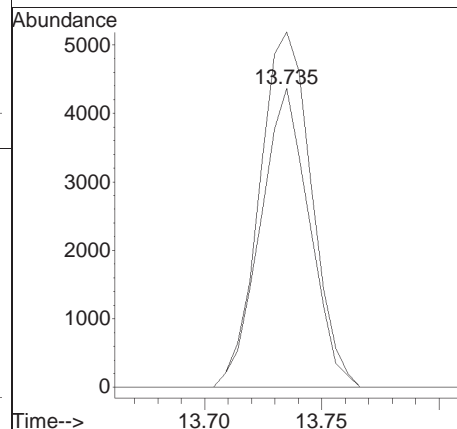
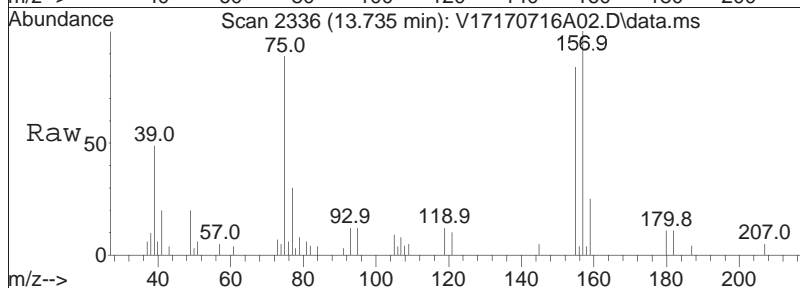
Tgt Ion	Ratio	Lower	Upper
119	100		
134	44.1	29.3	60.8
91	16.4	10.0	20.8

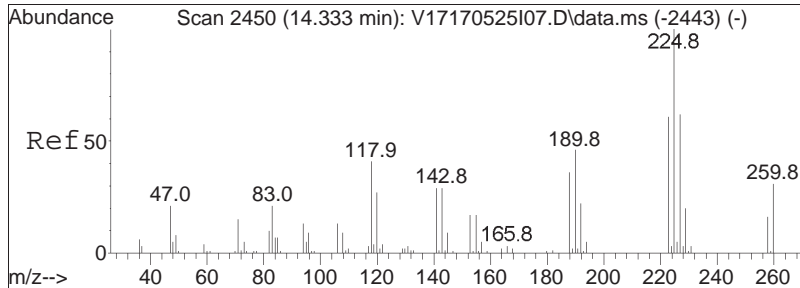




#106
 1,2-Dibromo-3-chloropropane
 Concen: 20.39 ug/L
 RT: 13.735 min Scan# 2336
 Delta R.T. 0.000 min
 Lab File: V17170716A02.D
 Acq: 16 Jul 2017 08:26 am

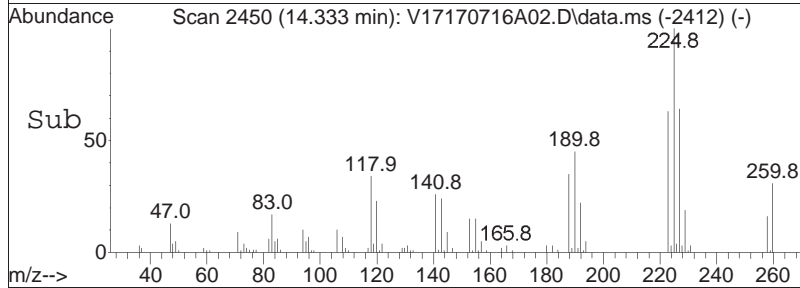
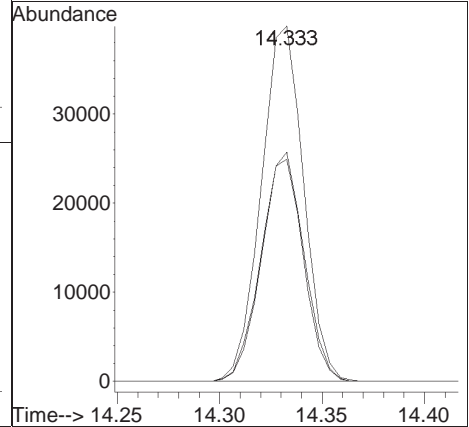
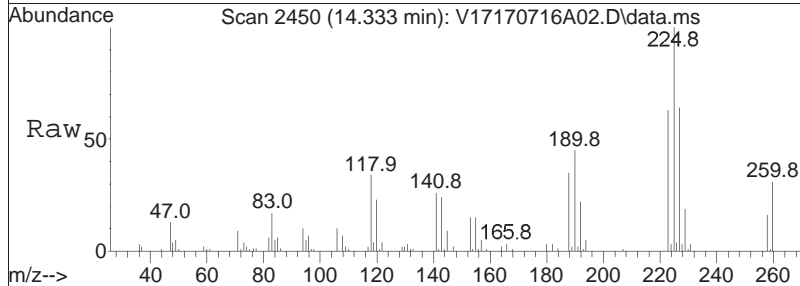
Tgt Ion	Resp	Lower	Upper
155	100		
157	126.1	103.4	155.0

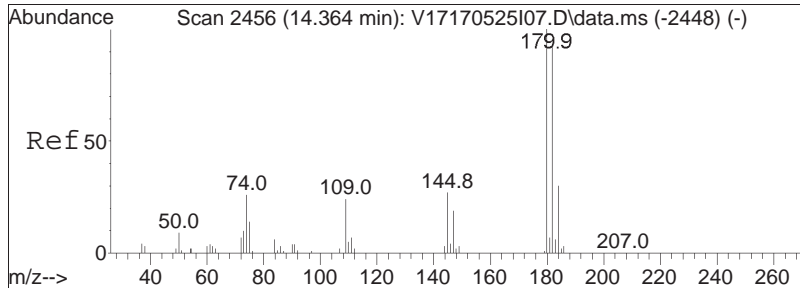




#108
 Hexachlorobutadiene
 Concen: 22.76 ug/L
 RT: 14.333 min Scan# 2450
 Delta R.T. -0.000 min
 Lab File: V17170716A02.D
 Acq: 16 Jul 2017 08:26 am

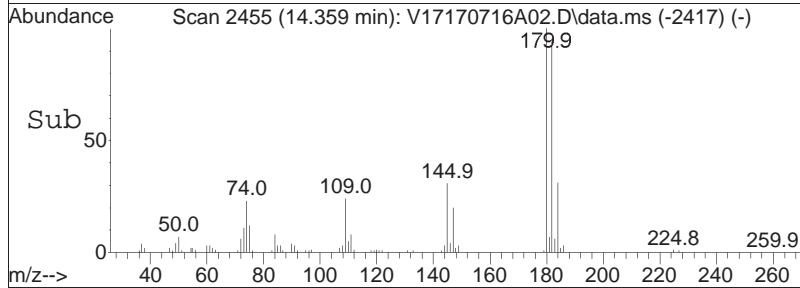
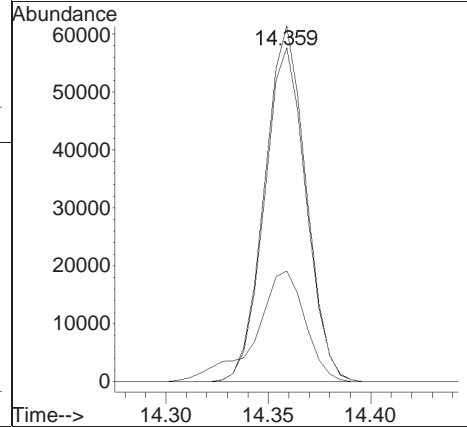
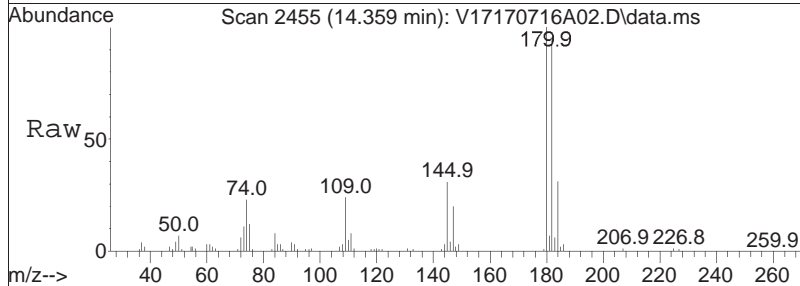
Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.2	75.2
227	64.1	51.5	77.3

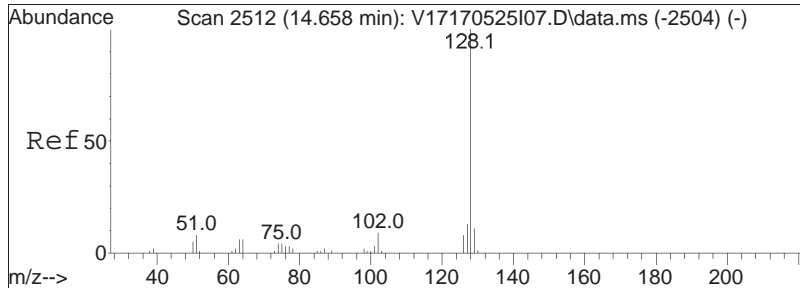




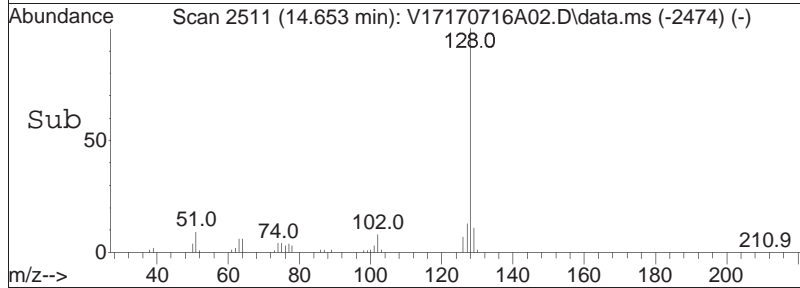
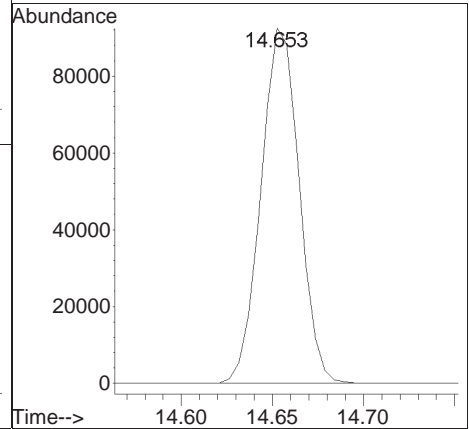
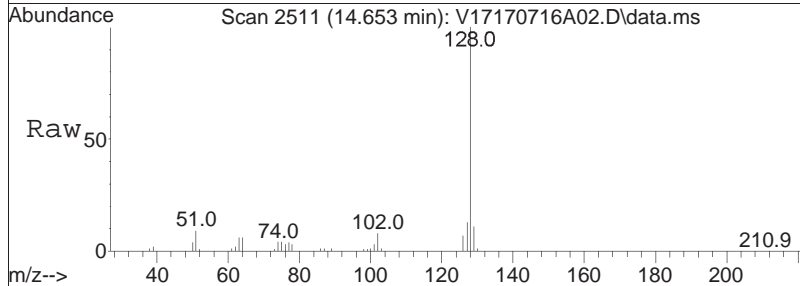
#109
 1,2,4-Trichlorobenzene
 Concen: 21.18 ug/L
 RT: 14.359 min Scan# 2455
 Delta R.T. -0.000 min
 Lab File: V17170716A02.D
 Acq: 16 Jul 2017 08:26 am

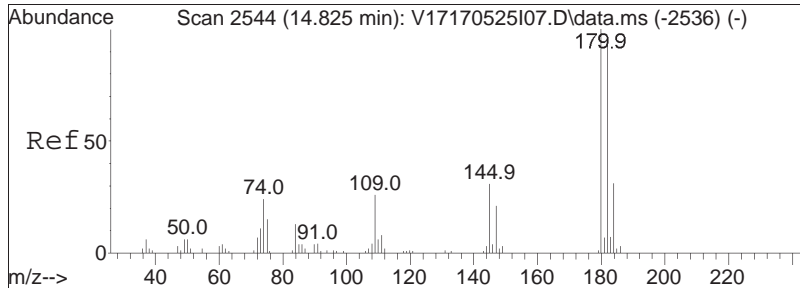
Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	77.2	115.8
145	37.2	29.0	43.6





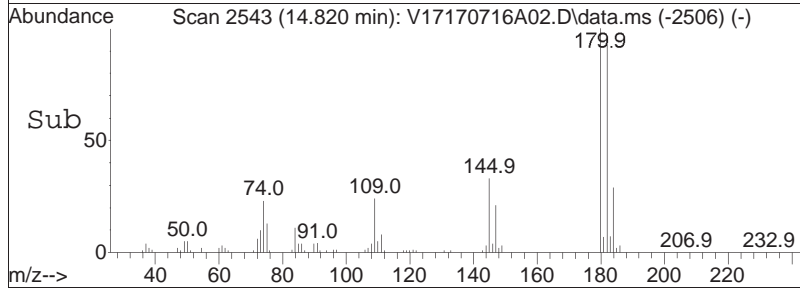
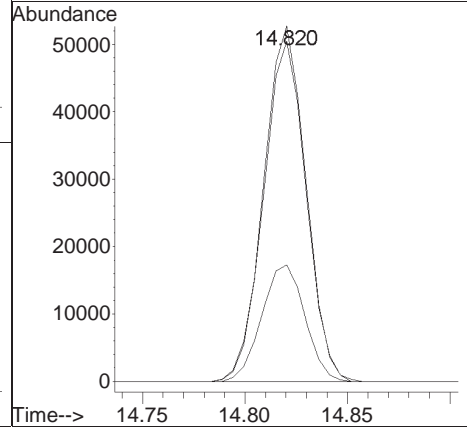
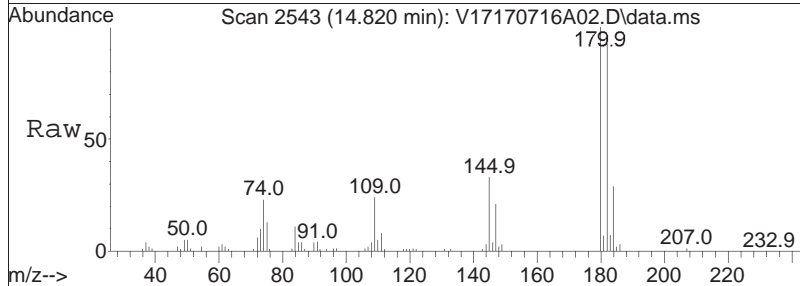
#110
 Naphthalene
 Concen: 19.02 ug/L
 RT: 14.653 min Scan# 2511
 Delta R.T. -0.005 min
 Lab File: V17170716A02.D
 Acq: 16 Jul 2017 08:26 am
 Tgt Ion:128 Resp: 135143





#111
 1,2,3-Trichlorobenzene
 Concen: 20.69 ug/L
 RT: 14.820 min Scan# 2543
 Delta R.T. -0.006 min
 Lab File: V17170716A02.D
 Acq: 16 Jul 2017 08:26 am

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	76.7	115.1
145	33.5	25.8	38.8



Manual Integration Report

Data Path : I:\VOLATILES\VOA117\2017\1QMethod : V117_170525_8260.m
Data File : V17170716A02.D Operator : VOA117:CBN
Date Inj'd : 7/16/2017 8:26 am Instrument : VOA 117
Sample : WG1023115-4,31,5,5 Quant Date : 7/16/2017 11:39 am

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA104\2017\170716A\
 Data File : V04170716A02.D
 Acq On : 16 Jul 2017 8:26
 Operator : VOA104:CBN
 Sample : WG1023153-4,31,5,5
 Misc : WG1023153,ICAL13672
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 16 11:49:27 2017
 Quant Method : I:\VOLATILES\VOA104\2017\170716A\V104_170517_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 18 06:45:13 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA104\2017\170716A\V04170716A01.D
 Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Fluorobenzene	5.922	96	166818	20.000	ug/L	0.00
Standard Area 1 = 169470			Recovery =	98.44%		
59) Chlorobenzene-d5	9.440	117	129811	20.000	ug/L	0.00
Standard Area 1 = 130956			Recovery =	99.13%		
79) 1,4-Dichlorobenzene-d4	12.162	152	65206	20.000	ug/L	0.00
Standard Area 1 = 64627			Recovery =	100.90%		
System Monitoring Compounds						
36) Dibromofluoromethane	5.125	113	46718	19.901	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery =	99.50%		
43) 1,2-Dichloroethane-d4	5.645	65	45679	21.235	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery =	106.18%		
60) Toluene-d8	7.600	98	163182	21.610	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery =	108.05%		
83) 4-Bromofluorobenzene	10.945	95	60696	21.189	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery =	105.94%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.628	85	42736	18.480	ug/L	98
3) Chloromethane	1.817	50	65193	17.608	ug/L	99
4) Vinyl chloride	1.885	62	53785	19.712	ug/L	97
5) Bromomethane	2.189	94	29355	17.703	ug/L	99
6) Chloroethane	2.305	64	26695	17.387	ug/L	93
7) Trichlorofluoromethane	2.436	101	65974	18.722	ug/L	99
8) Ethyl ether	2.724	74	21087	18.029	ug/L	87
10) 1,1-Dichloroethene	2.908	96	34726	15.439	ug/L	96
11) Carbon disulfide	2.934	76	121071	12.333	ug/L	98
15) Methylene chloride	3.458	84	49954	17.924	ug/L	98
17) Acetone	3.511	43	11227	19.928	ug/L	97
18) trans-1,2-Dichloroethene	3.600	96	46181	18.223	ug/L	88
20) Methyl tert-butyl ether	3.694	73	83741	12.380	ug/L	96
23) 1,1-Dichloroethane	4.176	63	95681	18.985	ug/L	99
25) Acrylonitrile	4.239	53	15598	20.291	ug/L	97
27) Vinyl acetate	4.412	43	104037	19.455	ug/L	100
28) cis-1,2-Dichloroethene	4.690	96	51083	18.344	ug/L	88
29) 2,2-Dichloropropane	4.785	77	71576	19.358	ug/L	99
30) Bromochloromethane	4.879	128	25127	17.971	ug/L	95
32) Chloroform	4.952	83	87209	19.091	ug/L	99

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA104\2017\170716A\
 Data File : V04170716A02.D
 Acq On : 16 Jul 2017 8:26
 Operator : VOA104:CBN
 Sample : WG1023153-4,31,5,5
 Misc : WG1023153,ICAL13672
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 16 11:49:27 2017
 Quant Method : I:\VOLATILES\VOA104\2017\170716A\V104_170517_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 18 06:45:13 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA104\2017\170716A\V04170716A01.D
 Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Carbon tetrachloride	5.068	117	69602	20.881	ug/L	99
37) 1,1,1-Trichloroethane	5.141	97	77078	19.843	ug/L	96
39) 2-Butanone	5.257	43	17010	17.394	ug/L	96
40) 1,1-Dichloropropene	5.262	75	61865	19.344	ug/L	99
41) Benzene	5.503	78	181024	18.943	ug/L	99
44) 1,2-Dichloroethane	5.718	62	68690	19.814	ug/L	100
48) Trichloroethene	6.095	95	50707	19.534	ug/L	98
50) Dibromomethane	6.541	93	28492	18.573	ug/L	97
51) 1,2-Dichloropropane	6.641	63	54234	19.567	ug/L #	93
54) Bromodichloromethane	6.714	83	68505	20.081	ug/L	99
57) 1,4-Dioxane	6.929	88	22169	1026.762	ug/L	90
58) cis-1,3-Dichloropropene	7.401	75	76491	18.434	ug/L	100
61) Toluene	7.653	92	112018	19.854	ug/L	99
62) 4-Methyl-2-pentanone	8.098	58	17218	20.622	ug/L	91
63) Tetrachloroethene	8.098	166	54672	19.831	ug/L	97
65) trans-1,3-Dichloropropene	8.151	75	66297	20.415	ug/L	99
68) 1,1,2-Trichloroethane	8.334	83	33496	19.734	ug/L	97
69) Chlorodibromomethane	8.544	129	53319	19.600	ug/L	99
70) 1,3-Dichloropropane	8.654	76	64701	19.699	ug/L	98
71) 1,2-Dibromoethane	8.817	107	43176	19.734	ug/L	99
72) 2-Hexanone	9.110	43	27946	20.418	ug/L	91
73) Chlorobenzene	9.461	112	134627	19.465	ug/L	100
74) Ethylbenzene	9.493	91	216127	19.927	ug/L	100
75) 1,1,1,2-Tetrachloroethane	9.545	131	50991	19.513	ug/L	98
76) p/m Xylene	9.682	106	172357	39.242	ug/L	97
77) o Xylene	10.227	106	161873	38.665	ug/L	99
78) Styrene	10.295	104	272632	38.995	ug/L	98
80) Bromoform	10.327	173	32283	19.399	ug/L	99
82) Isopropylbenzene	10.610	105	221348	20.563	ug/L	99
84) Bromobenzene	11.055	156	58741	19.801	ug/L	100
85) n-Propylbenzene	11.097	91	249703	20.904	ug/L	100
87) 1,1,2,2-Tetrachloroethane	11.202	83	47005	19.545	ug/L	99
88) 4-Ethyltoluene	11.223	105	224775	21.667	ug/L	98
89) 2-Chlorotoluene	11.265	91	147570	20.333	ug/L	98
90) 1,3,5-Trimethylbenzene	11.323	105	188878	20.950	ug/L	98
91) 1,2,3-Trichloropropane	11.338	75	35043	19.809	ug/L	96
92) trans-1,4-Dichloro-2-b...	11.396	53	12832	19.367	ug/L	97
93) 4-Chlorotoluene	11.454	91	150429	20.581	ug/L	100
94) tert-Butylbenzene	11.664	119	156624	20.673	ug/L	99

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA104\2017\170716A\
 Data File : V04170716A02.D
 Acq On : 16 Jul 2017 8:26
 Operator : VOA104:CBN
 Sample : WG1023153-4,31,5,5
 Misc : WG1023153,ICAL13672
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 16 11:49:27 2017
 Quant Method : I:\VOLATILES\VOA104\2017\170716A\V104_170517_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 18 06:45:13 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA104\2017\170716A\V04170716A01.D
 Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97) 1,2,4-Trimethylbenzene	11.742	105	188027	20.874	ug/L	98
98) sec-Butylbenzene	11.852	105	231538	20.568	ug/L	98
99) p-Isopropyltoluene	12.010	119	202512	20.906	ug/L	97
100) 1,3-Dichlorobenzene	12.083	146	108724	20.028	ug/L	98
101) 1,4-Dichlorobenzene	12.177	146	109635	19.824	ug/L	99
102) p-Diethylbenzene	12.387	119	121097	21.335	ug/L	98
103) n-Butylbenzene	12.445	91	173851	20.584	ug/L	98
104) 1,2-Dichlorobenzene	12.602	146	98681	19.543	ug/L	99
105) 1,2,4,5-Tetramethylben...	13.179	119	197132	21.213	ug/L	96
106) 1,2-Dibromo-3-chloropr...	13.388	155	7611	18.392	ug/L	98
108) Hexachlorobutadiene	13.981	225	37883	20.053	ug/L	100
109) 1,2,4-Trichlorobenzene	14.012	180	72317	19.392	ug/L	98
110) Naphthalene	14.306	128	151431	18.886	ug/L	100
111) 1,2,3-Trichlorobenzene	14.474	180	67561	19.557	ug/L	98

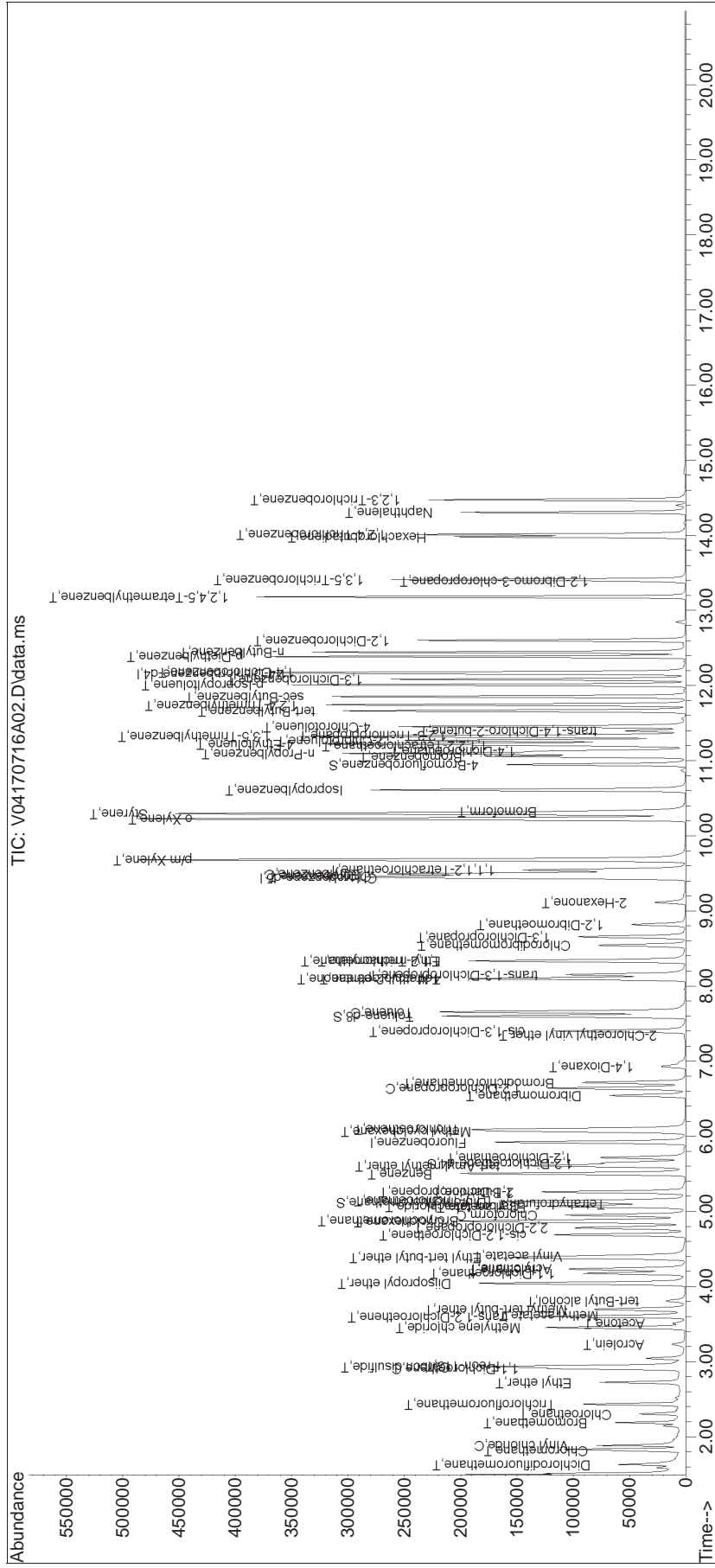
(#) = qualifier out of range (m) = manual integration (+) = signals summed

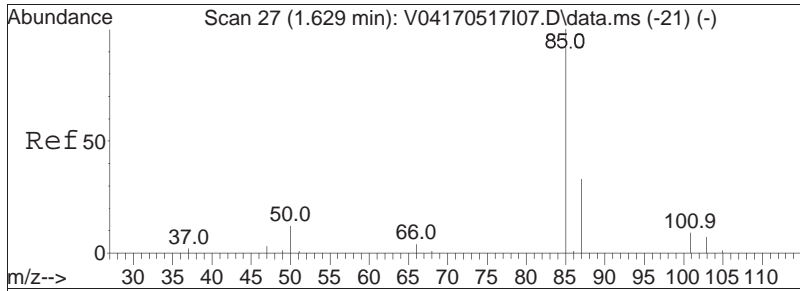
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA104\2017\170716A\
 Data File : V04170716A02.D
 Acq On : 16 Jul 2017 8:26
 Operator : VOA104:CBN
 Sample : WG1023153-4,31,5,5
 Misc : WG1023153,ICAL13672
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 16 11:49:27 2017
 Quant Method : I:\VOLATILES\VOA104\2017\170716A\V104_170517_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 18 06:45:13 2017
 Response via : Initial Calibration

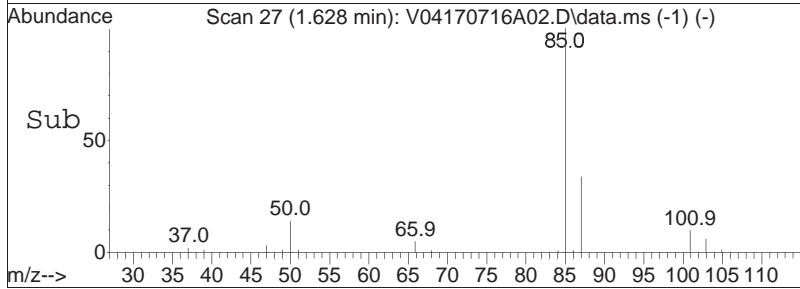
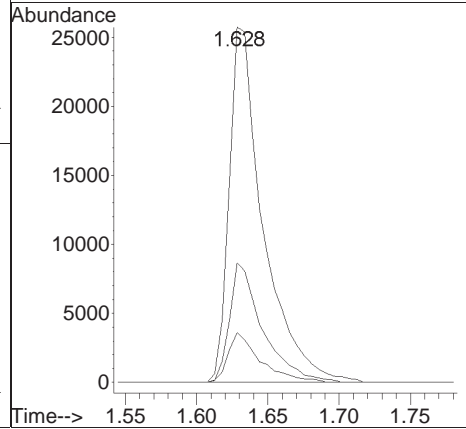
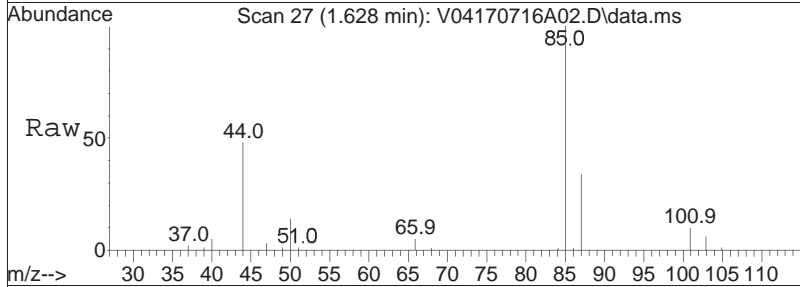
Sub List : 8260-CurveSoil - Megamix plus Diox6A\V04170716A01.D•

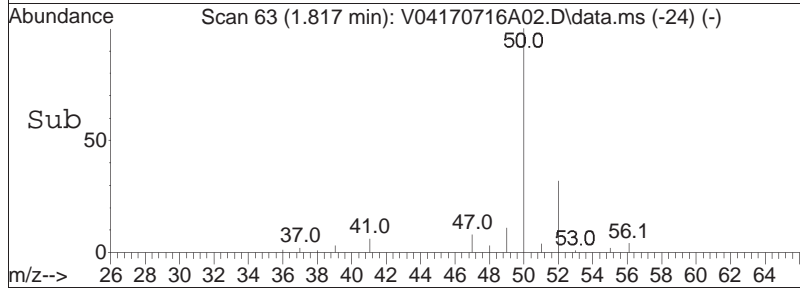
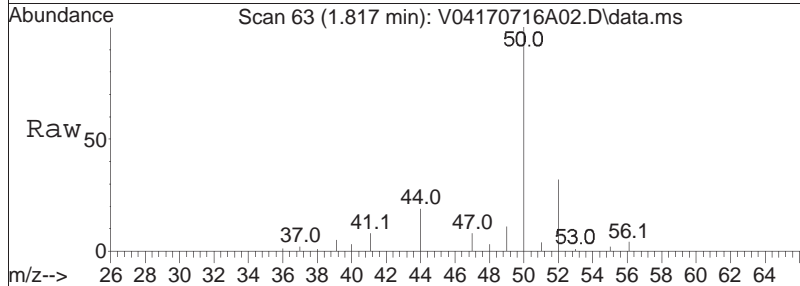
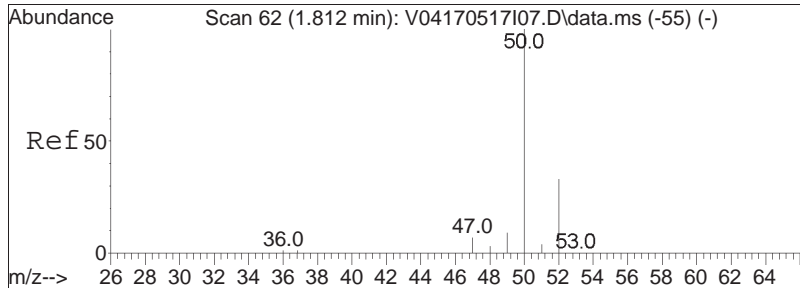




#2
 Dichlorodifluoromethane
 Concen: 18.48 ug/L
 RT: 1.628 min Scan# 27
 Delta R.T. -0.001 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

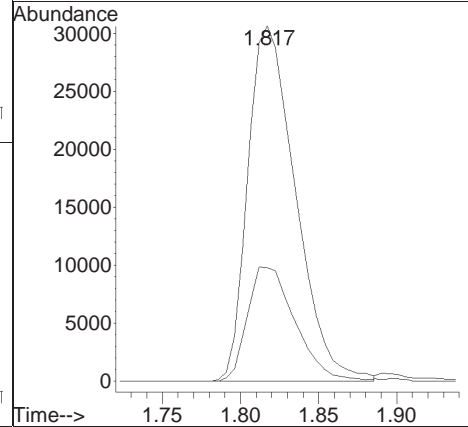
Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.8	20.9	43.5
50	13.4	9.6	20.0

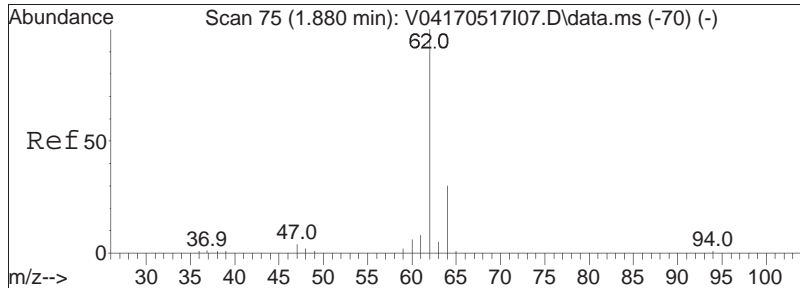




#3
 Chloromethane
 Concen: 17.61 ug/L
 RT: 1.817 min Scan# 63
 Delta R.T. 0.005 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

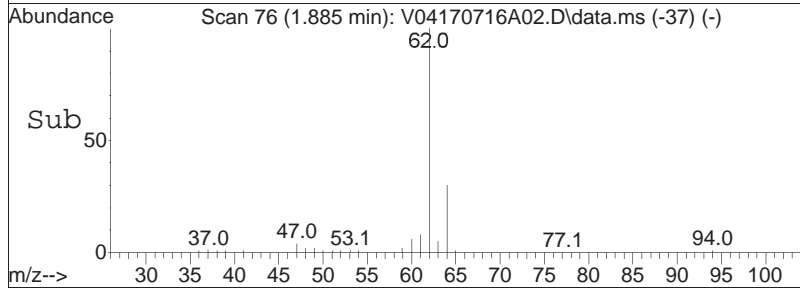
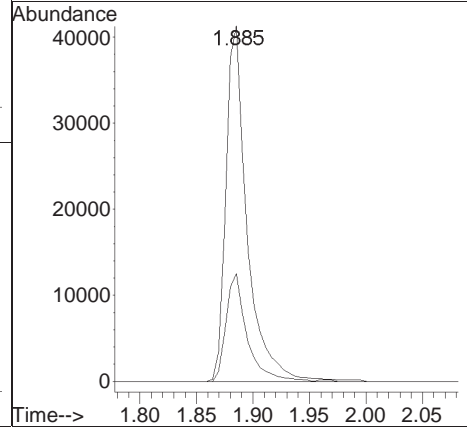
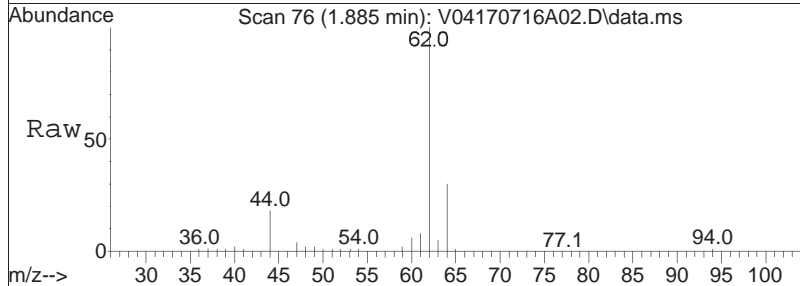
Tgt Ion: 50 Resp: 65193
 Ion Ratio Lower Upper
 50 100
 52 32.1 12.7 52.7

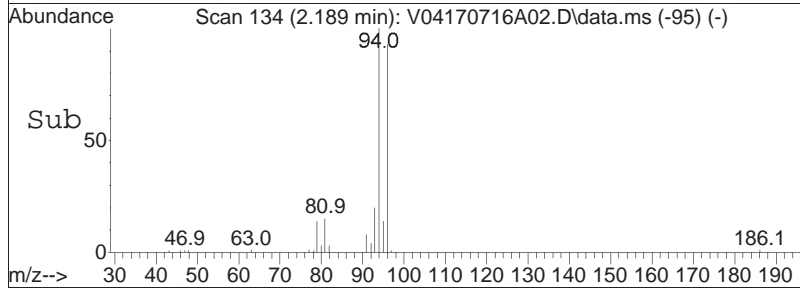
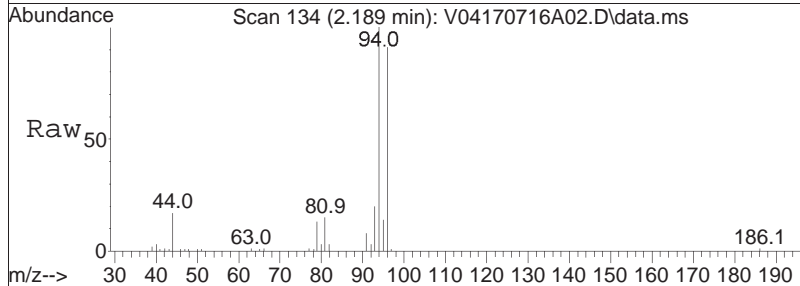
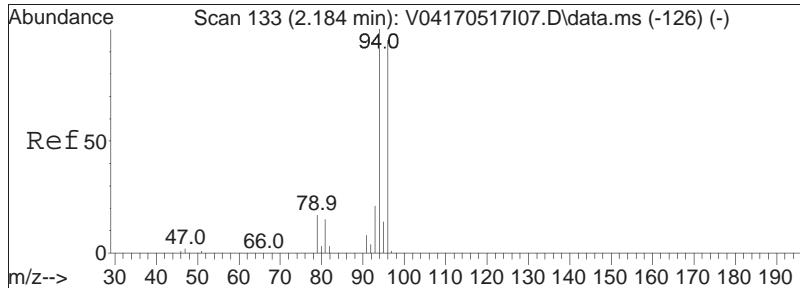




#4
 Vinyl chloride
 Concen: 19.71 ug/L
 RT: 1.885 min Scan# 76
 Delta R.T. 0.005 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

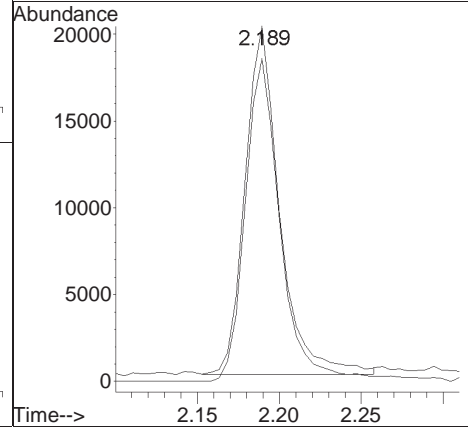
Tgt Ion:	Resp:	Lower	Upper
62	100		
64	29.9	11.5	51.5

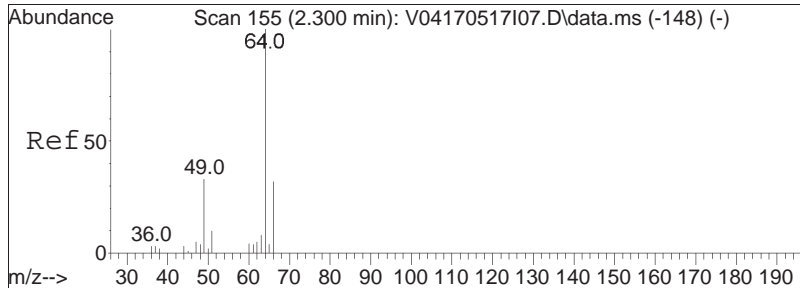




#5
 Bromomethane
 Concen: 17.70 ug/L
 RT: 2.189 min Scan# 134
 Delta R.T. 0.005 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

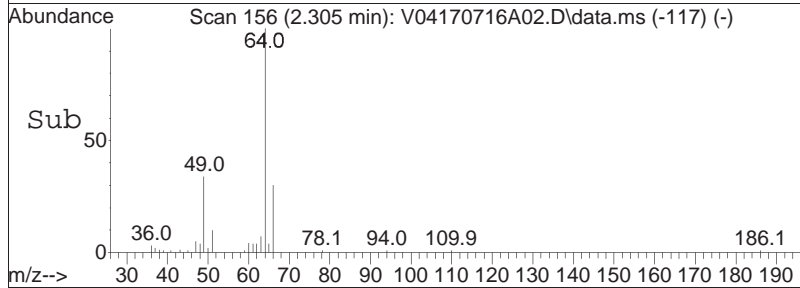
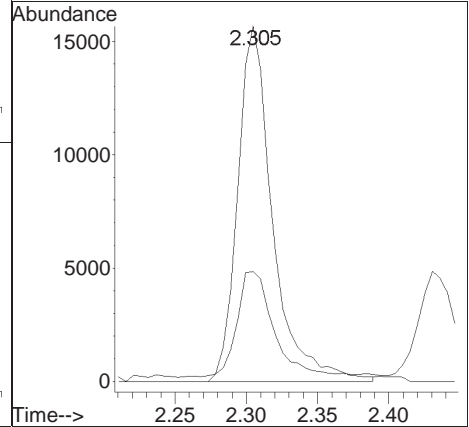
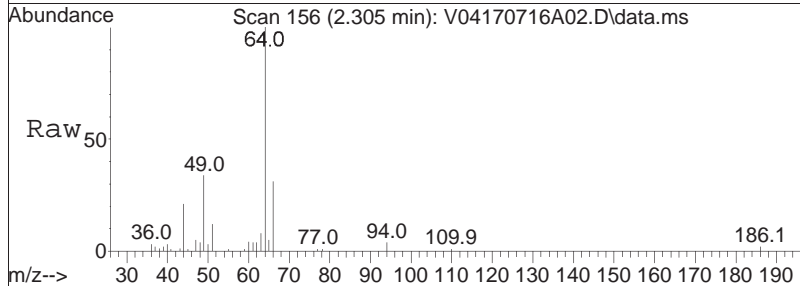
Tgt Ion:	94	Resp:	29355
Ion Ratio	100	Lower	Upper
96	95.8	74.7	114.7

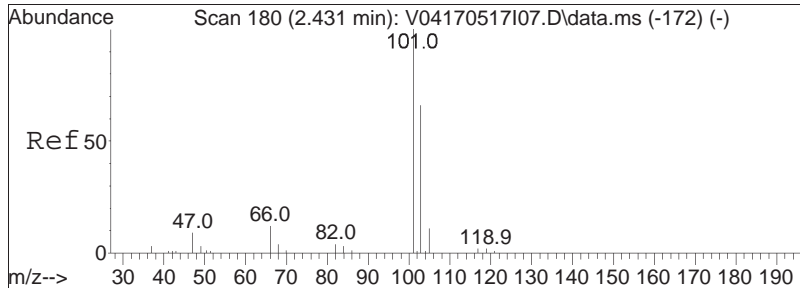




#6
 Chloroethane
 Concen: 17.39 ug/L
 RT: 2.305 min Scan# 156
 Delta R.T. 0.005 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

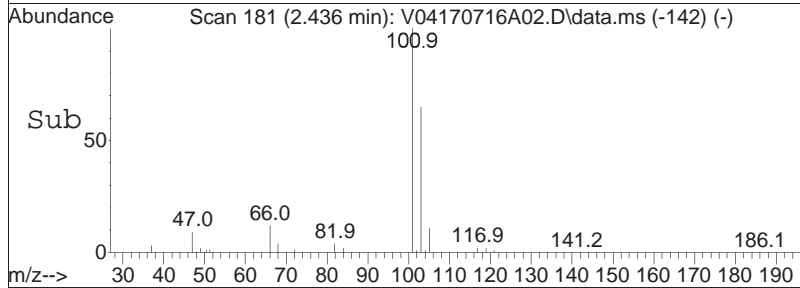
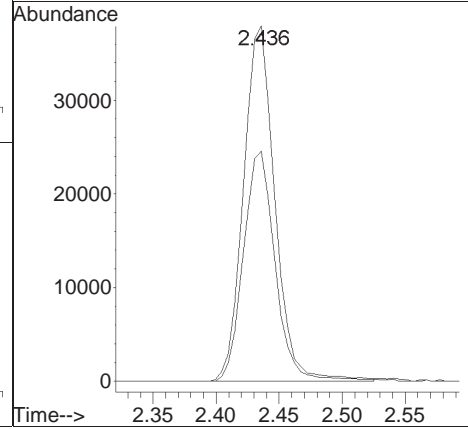
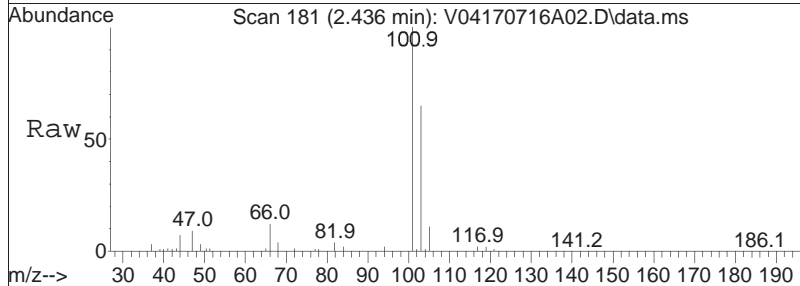
Tgt Ion:	64	Resp:	26695
Ion Ratio	100	Lower	Upper
66	31.0	14.8	54.8

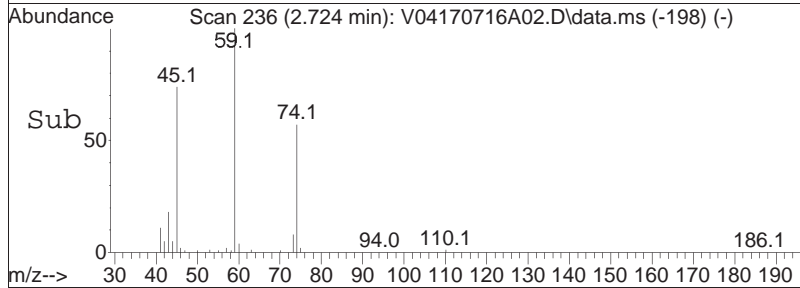
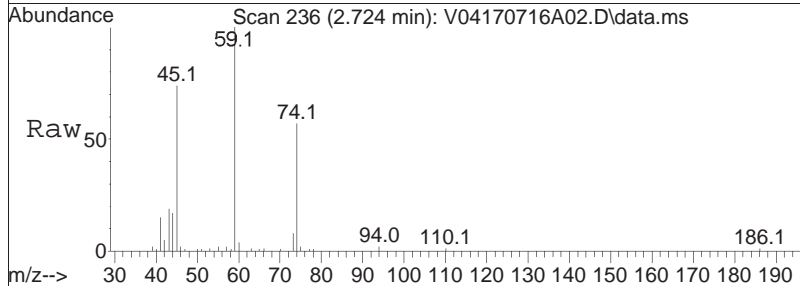
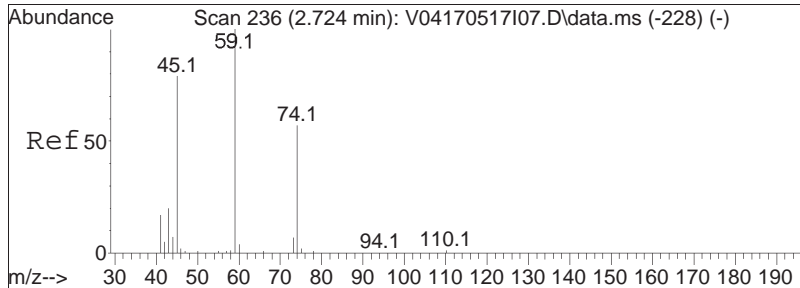




#7
 Trichlorofluoromethane
 Concen: 18.72 ug/L
 RT: 2.436 min Scan# 181
 Delta R.T. 0.005 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

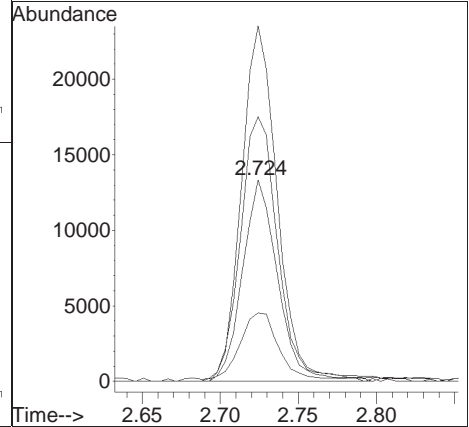
Tgt Ion	Resp	Lower	Upper
101	100		
103	65.7	52.0	78.0

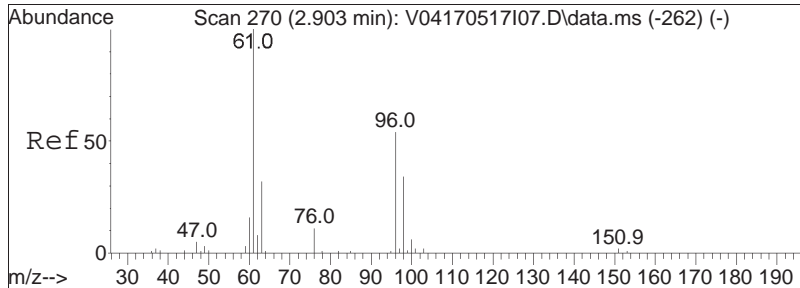




#8
 Ethyl ether
 Concen: 18.03 ug/L
 RT: 2.724 min Scan# 236
 Delta R.T. 0.000 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

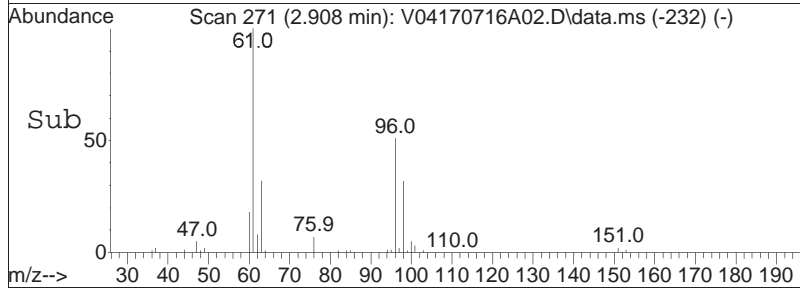
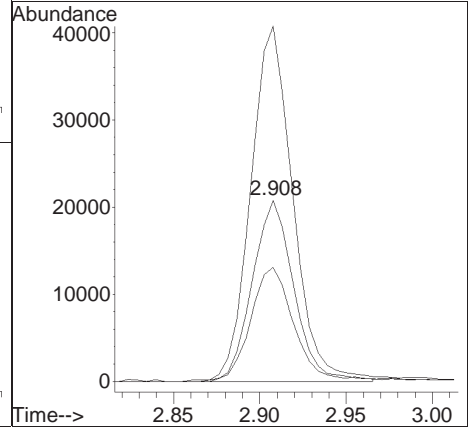
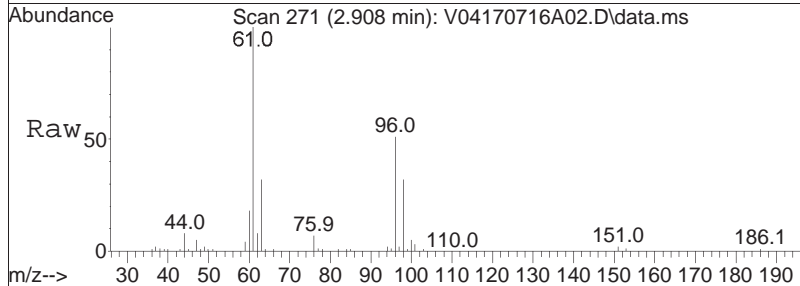
Tgt Ion	Resp	Lower	Upper
74	100		
59	179.8	113.7	236.1
45	142.3	72.8	151.2
43	40.1	21.2	44.0

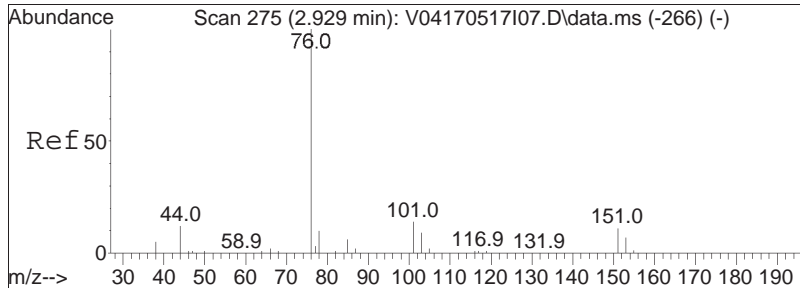




#10
 1,1-Dichloroethene
 Concen: 15.44 ug/L
 RT: 2.908 min Scan# 271
 Delta R.T. 0.005 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

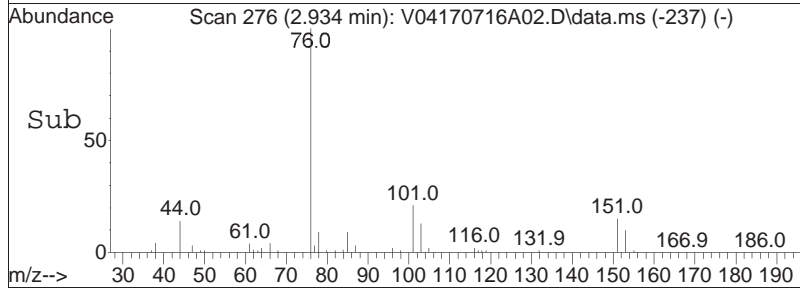
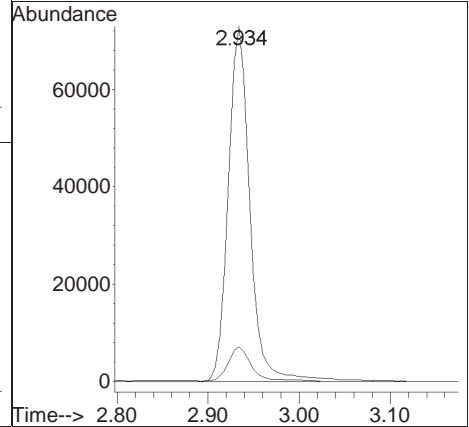
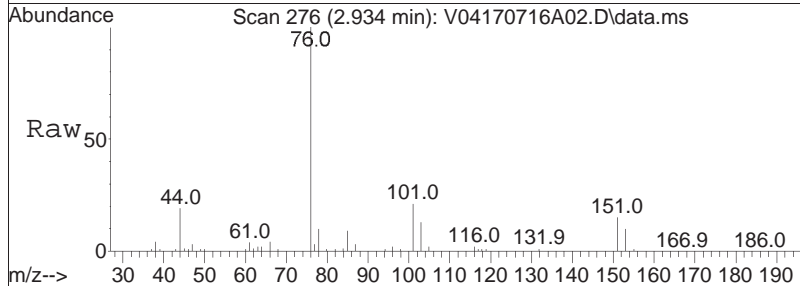
Tgt Ion:	96	Resp:	34726
Ion Ratio	Lower	Upper	
96	100		
61	199.9	165.8	248.8
63	66.2	52.0	78.0

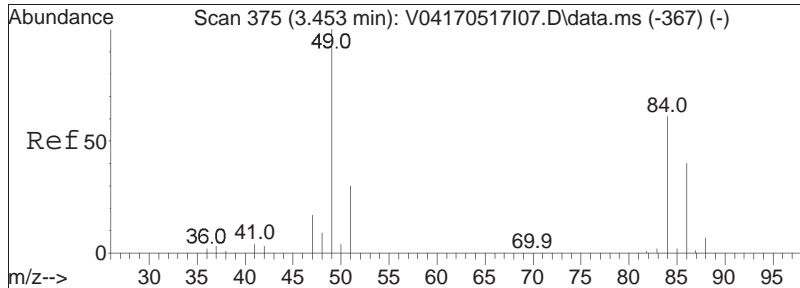




#11
 Carbon disulfide
 Concen: 12.33 ug/L
 RT: 2.934 min Scan# 276
 Delta R.T. 0.005 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

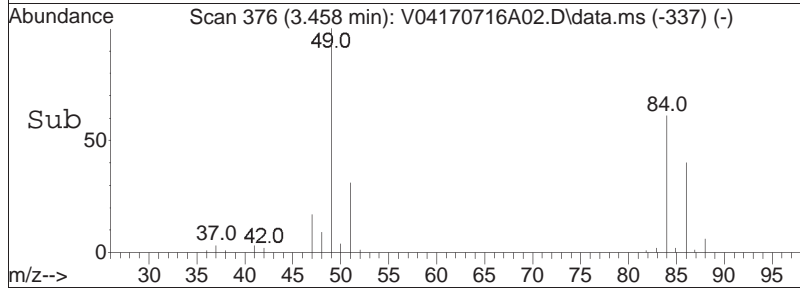
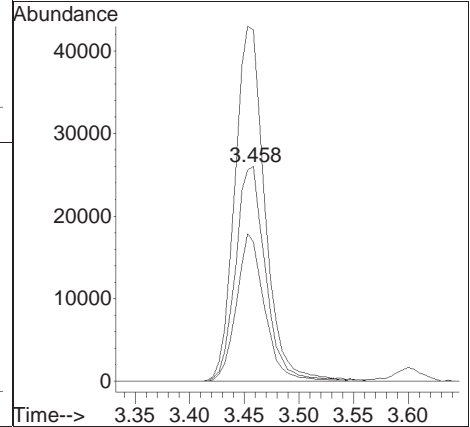
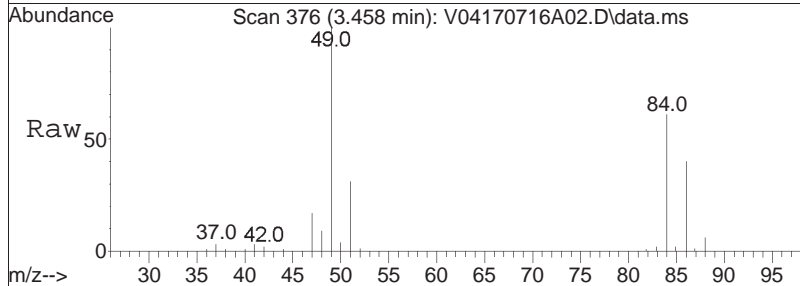
Tgt Ion	Resp	Lower	Upper
76	100		
78	10.6	6.5	13.5

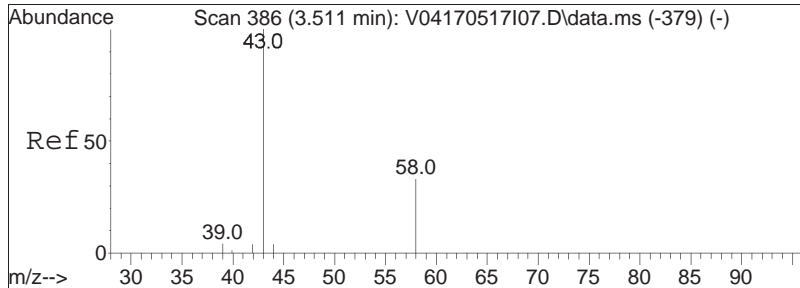




#15
 Methylene chloride
 Concen: 17.92 ug/L
 RT: 3.458 min Scan# 376
 Delta R.T. 0.005 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

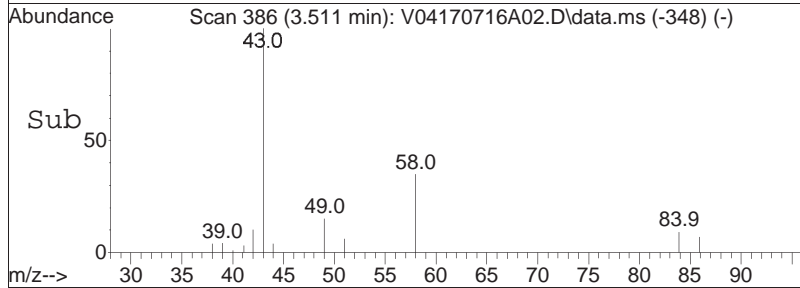
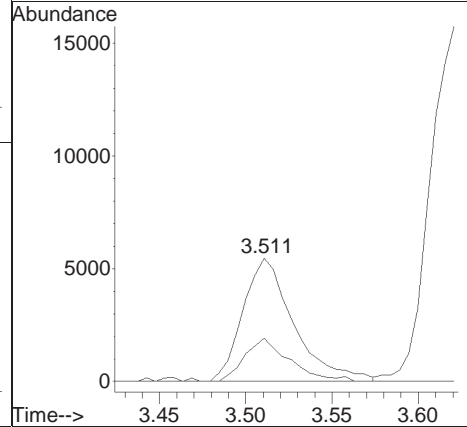
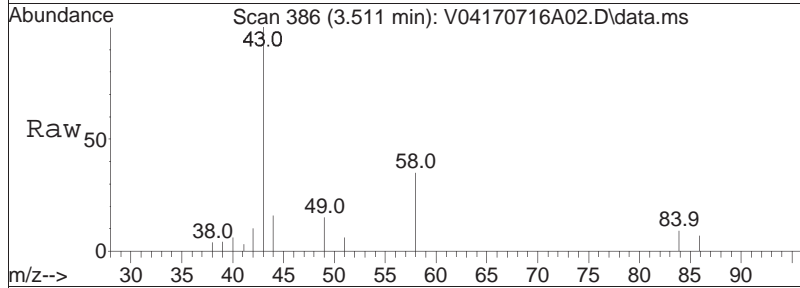
Tgt Ion:	84	Resp:	49954
Ion Ratio	Lower	Upper	
84	100		
86	64.3	41.3	85.9
49	165.1	109.1	226.7

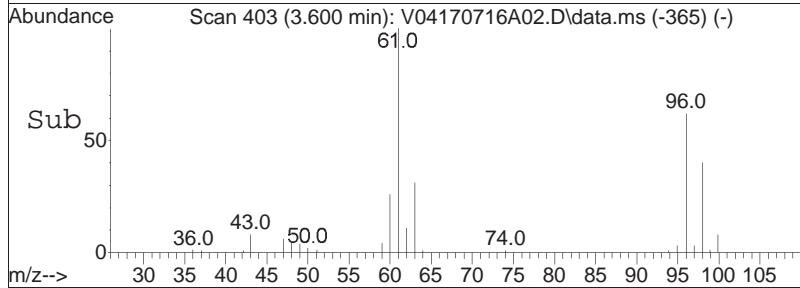
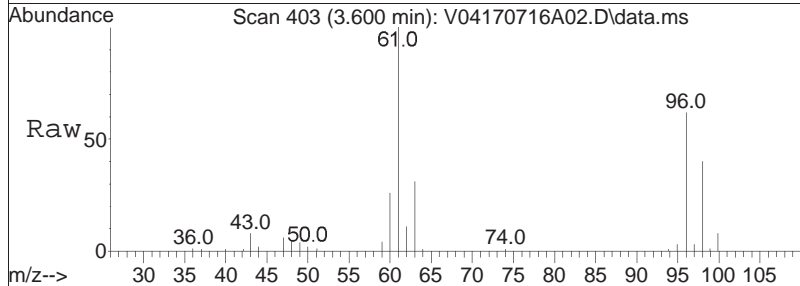
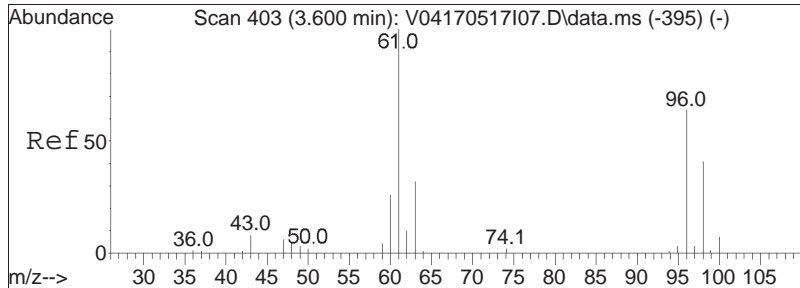




#17
 Acetone
 Concen: 19.93 ug/L
 RT: 3.511 min Scan# 386
 Delta R.T. -0.000 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

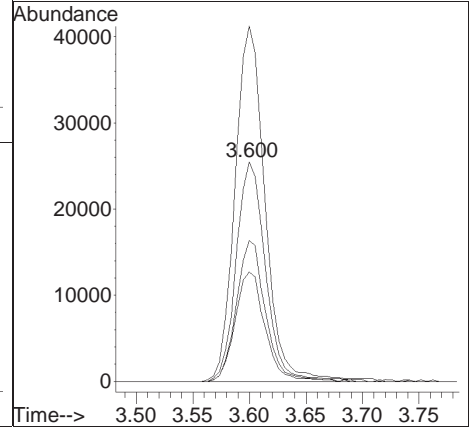
Tgt Ion	Resp	Lower	Upper
43	11227		
58	31.0	26.0	39.0

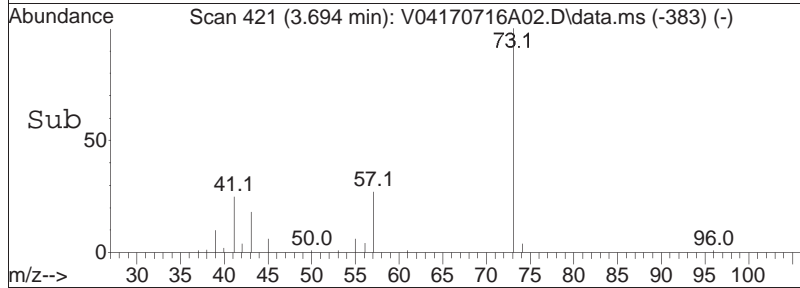
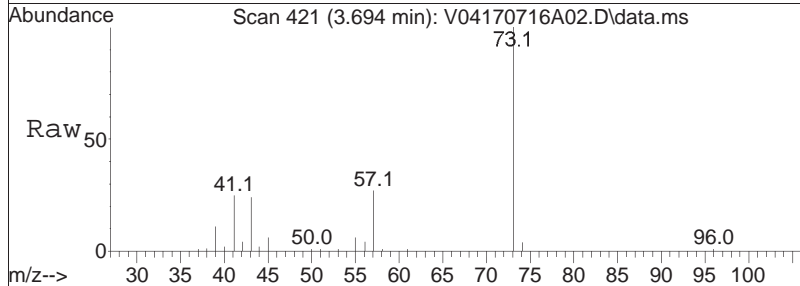
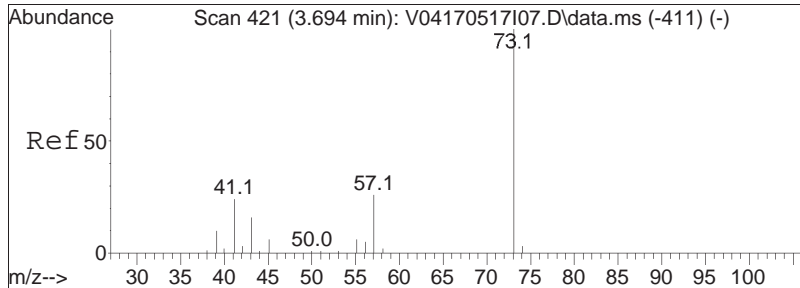




#18
 trans-1,2-Dichloroethene
 Concen: 18.22 ug/L
 RT: 3.600 min Scan# 403
 Delta R.T. -0.000 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

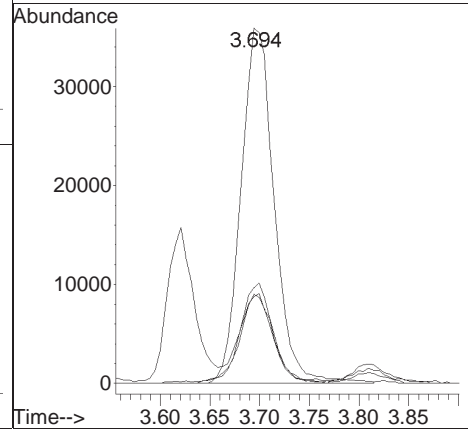
Tgt Ion:	96	Resp:	46181
Ion Ratio	Lower	Upper	
96	100		
61	164.4	122.6	254.6
98	63.2	41.6	86.4
63	50.6	37.6	78.0

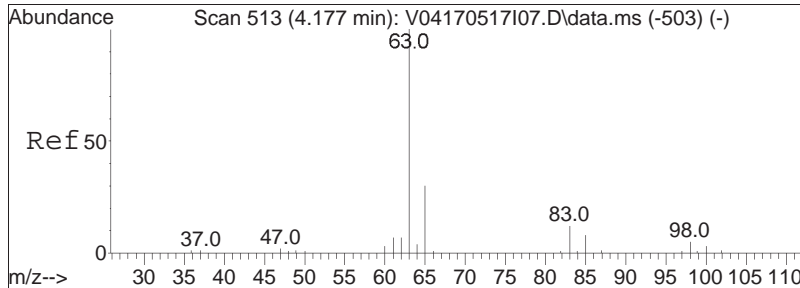




#20
 Methyl tert-butyl ether
 Concen: 12.38 ug/L
 RT: 3.694 min Scan# 421
 Delta R.T. 0.000 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

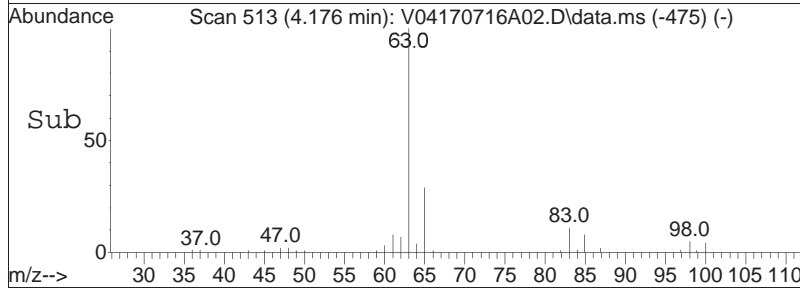
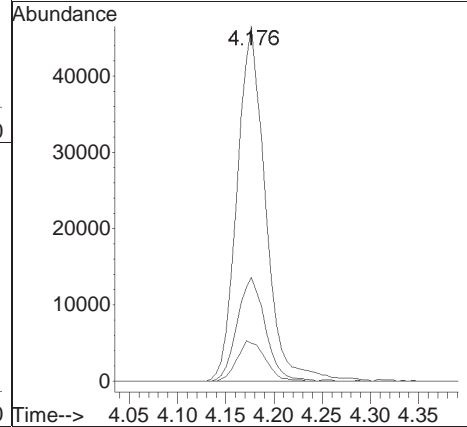
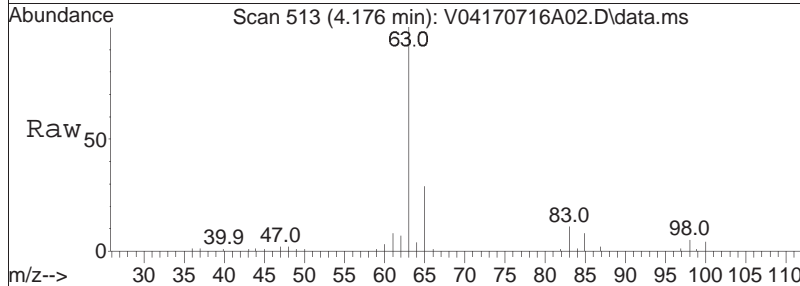
Tgt Ion	Resp	Lower	Upper
73	83741		
57	27.9	20.9	43.3
43	26.0	16.4	34.2
41	25.1	17.2	35.8

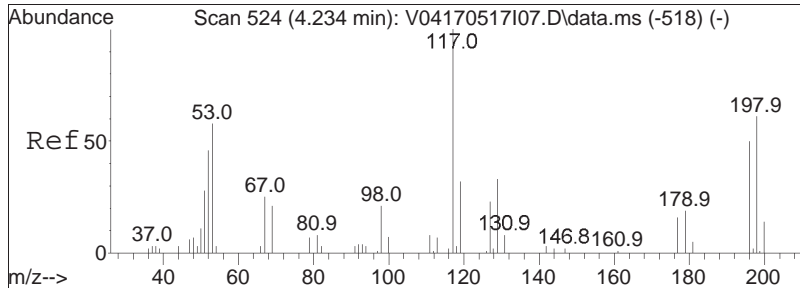




#23
 1,1-Dichloroethane
 Concen: 18.98 ug/L
 RT: 4.176 min Scan# 513
 Delta R.T. -0.001 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

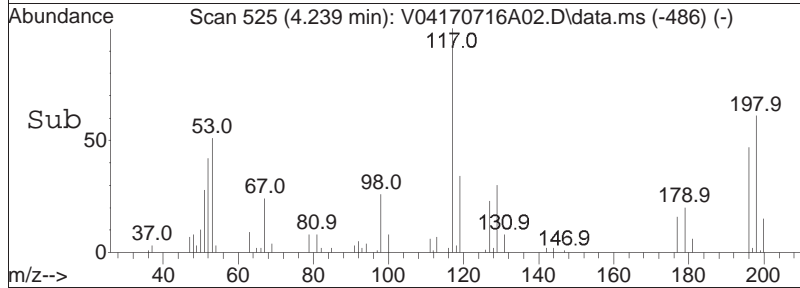
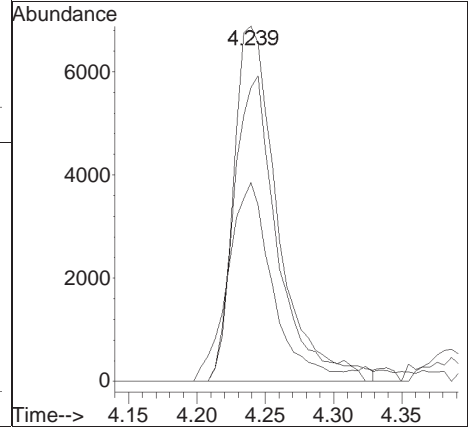
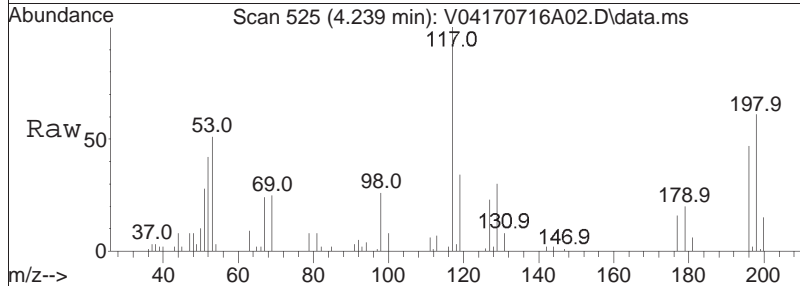
Tgt Ion	Resp	Lower	Upper
63	100		
65	29.0	9.4	49.4
83	11.4	0.0	30.4

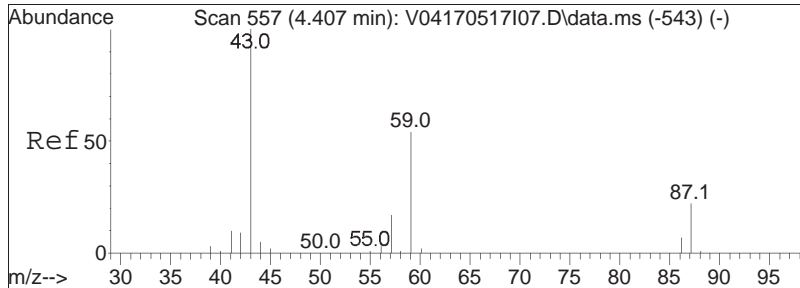




#25
 Acrylonitrile
 Concen: 20.29 ug/L
 RT: 4.239 min Scan# 525
 Delta R.T. 0.005 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

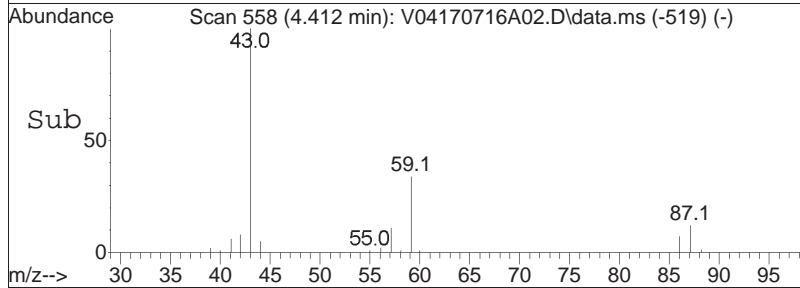
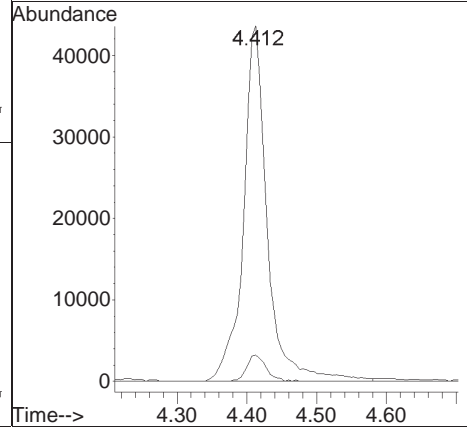
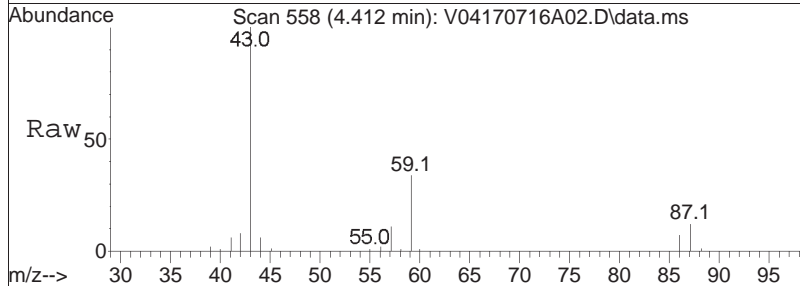
Tgt Ion:	53	Resp:	15598
Ion Ratio	Lower	Upper	
53	100		
52	86.9	67.2	100.8
51	56.6	43.7	65.5

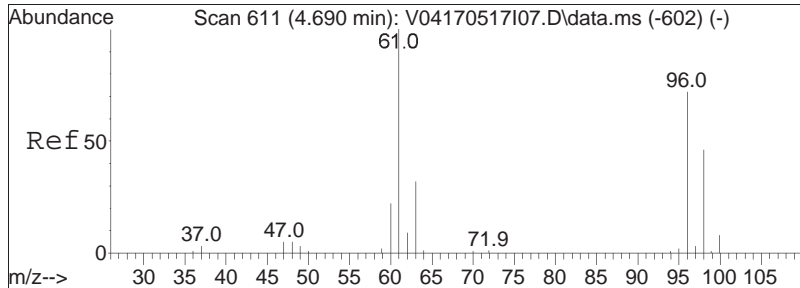




#27
 Vinyl acetate
 Concen: 19.46 ug/L
 RT: 4.412 min Scan# 558
 Delta R.T. 0.005 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

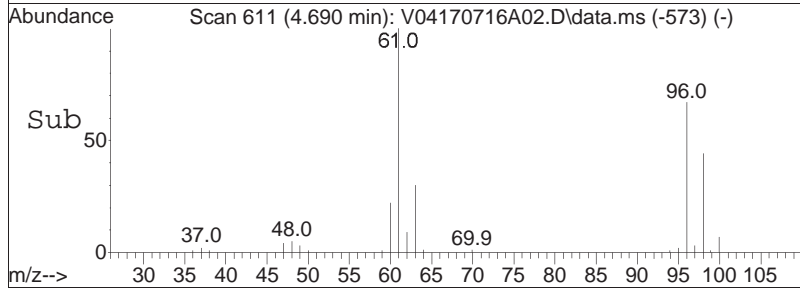
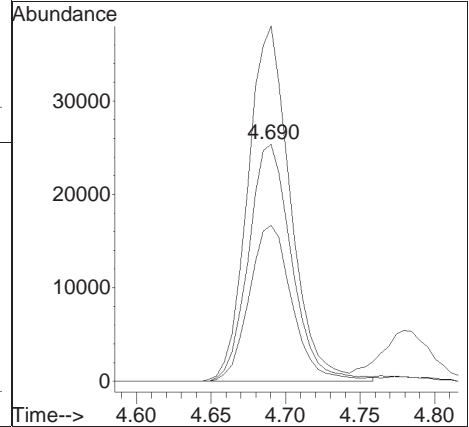
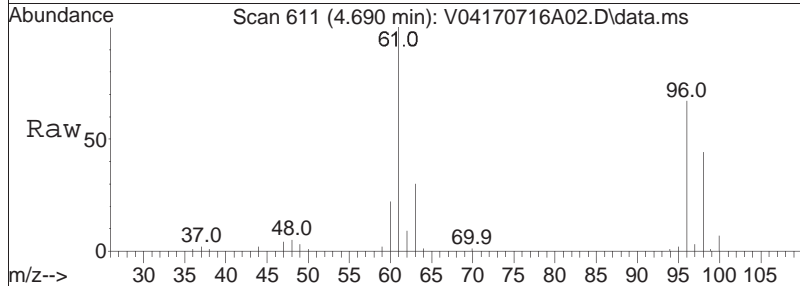
Tgt Ion:	43	Resp:	104037
Ion Ratio	100	Lower	Upper
	86	6.1	4.9 7.3

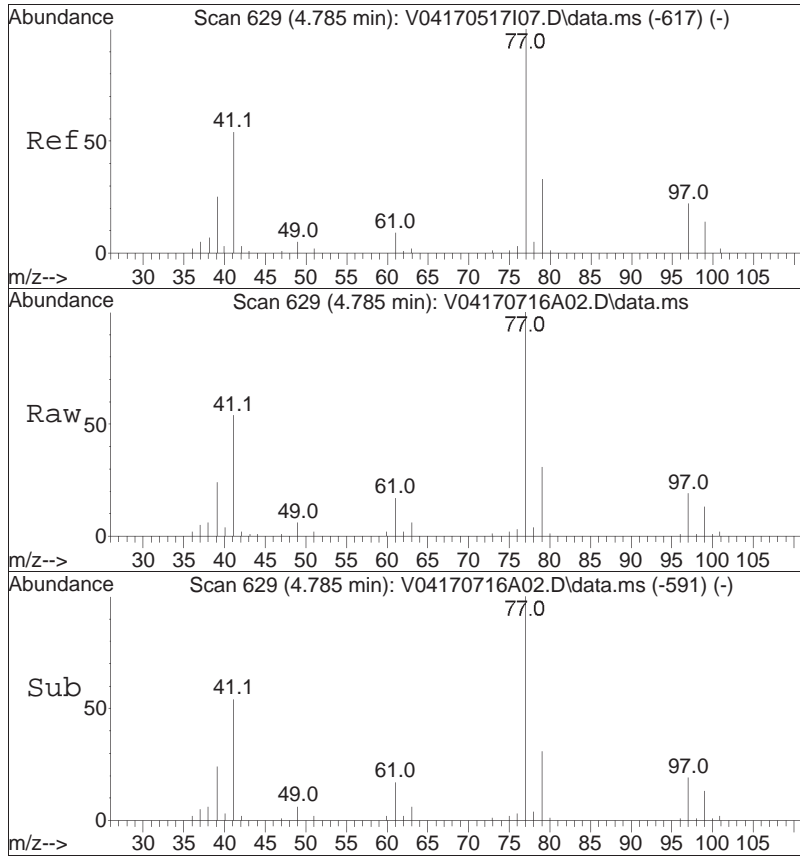




#28
 cis-1,2-Dichloroethene
 Concen: 18.34 ug/L
 RT: 4.690 min Scan# 611
 Delta R.T. 0.000 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

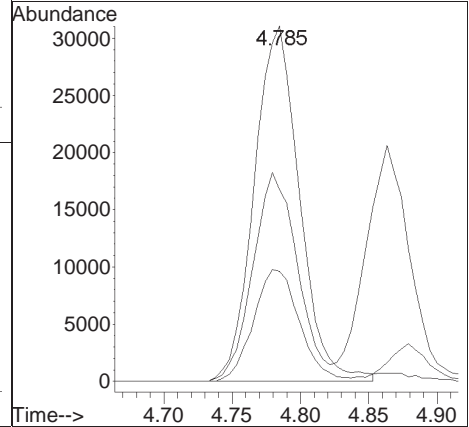
Tgt Ion:	96	Resp:	51083
Ion Ratio	Lower	Upper	
96	100		
61	146.9	135.0	202.4
98	65.2	51.5	77.3

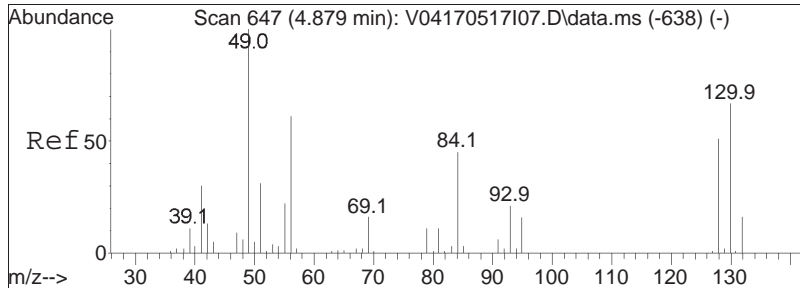




#29
 2,2-Dichloropropane
 Concen: 19.36 ug/L
 RT: 4.785 min Scan# 629
 Delta R.T. -0.000 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

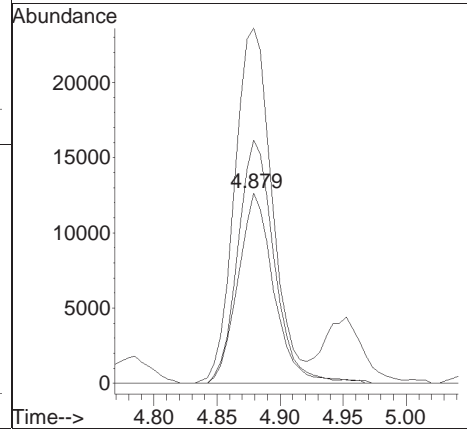
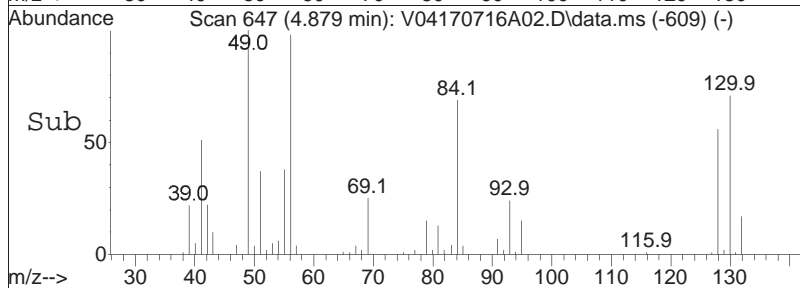
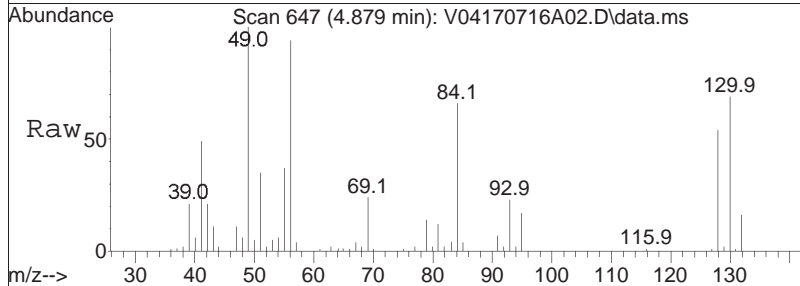
Tgt Ion:	Resp:		
Ion	Ratio	Lower	Upper
77	100		
41	57.9	38.5	80.1
79	32.0	20.9	43.5

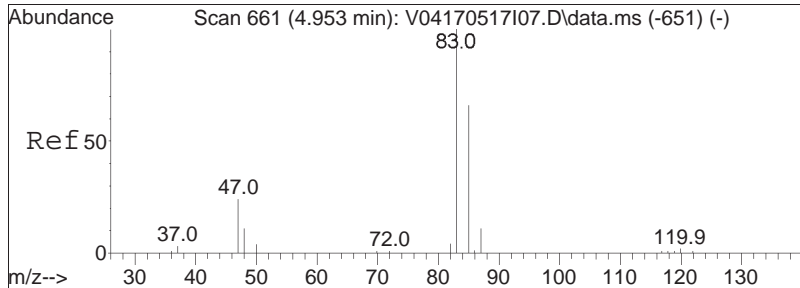




#30
 Bromochloromethane
 Concen: 17.97 ug/L
 RT: 4.879 min Scan# 647
 Delta R.T. 0.000 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

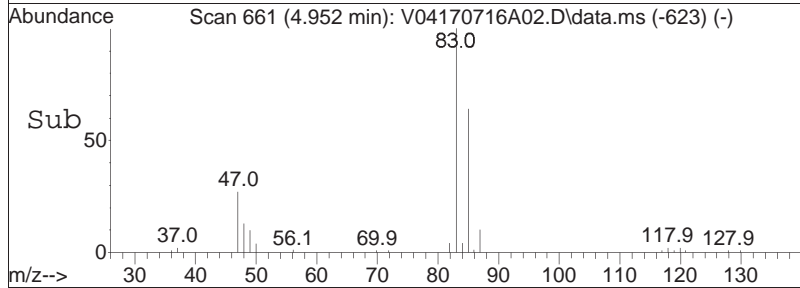
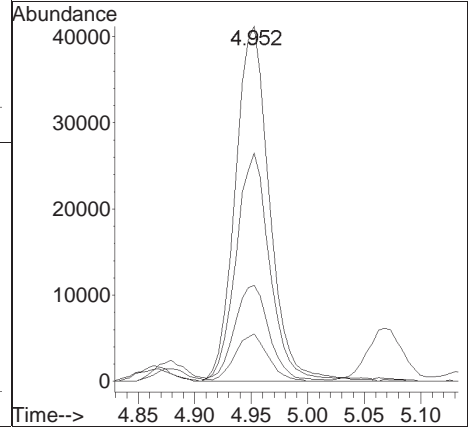
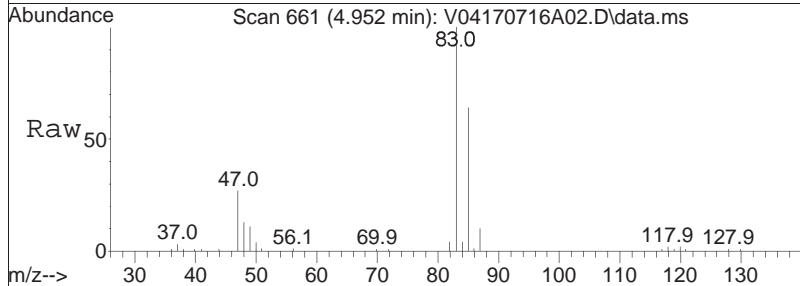
Tgt Ion	Resp	Lower	Upper
128	25127		
128	100		
49	194.5	163.8	245.8
130	129.5	102.3	153.5

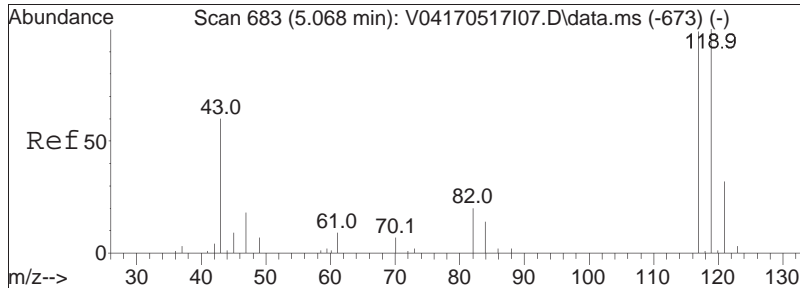




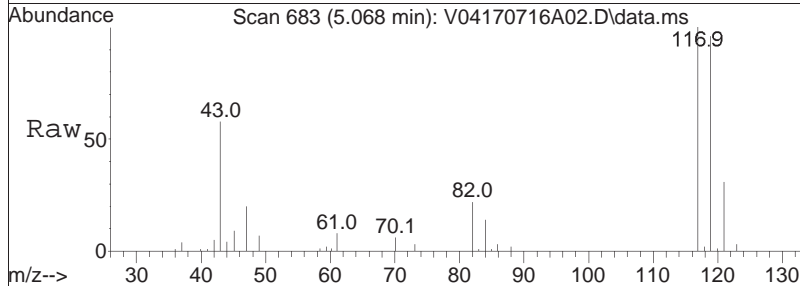
#32
 Chloroform
 Concen: 19.09 ug/L
 RT: 4.952 min Scan# 661
 Delta R.T. -0.001 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

Tgt Ion	Resp	Lower	Upper
83	100		
85	64.3	42.1	87.3
47	26.4	18.5	38.3
48	12.8	8.6	18.0

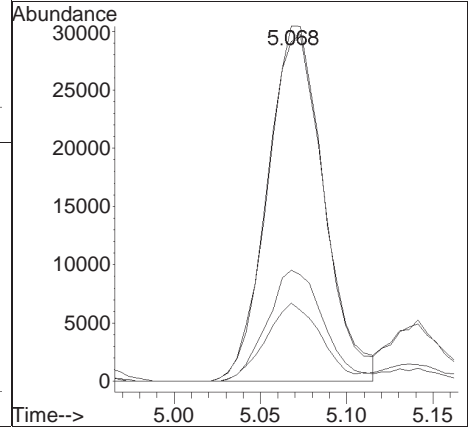
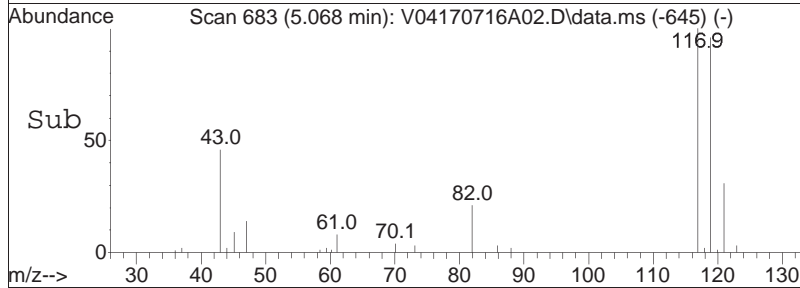


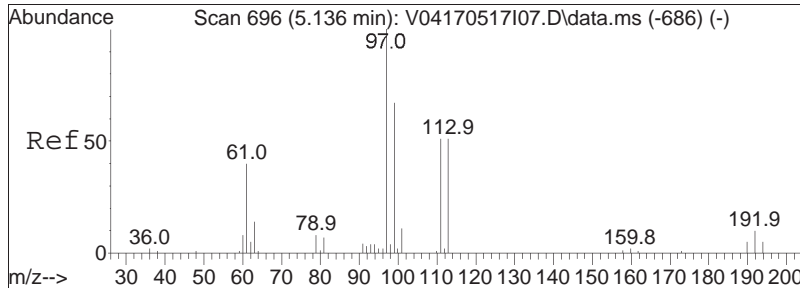


#34
 Carbon tetrachloride
 Concen: 20.88 ug/L
 RT: 5.068 min Scan# 683
 Delta R.T. -0.000 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26



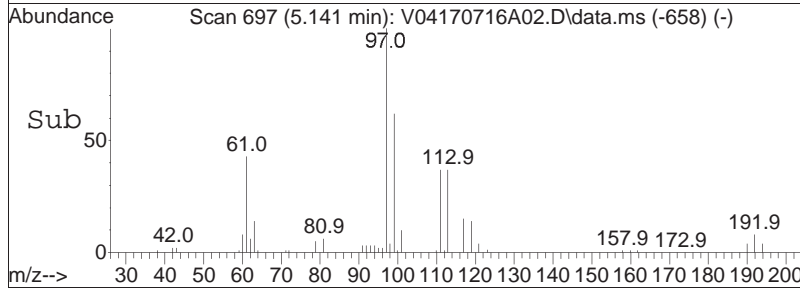
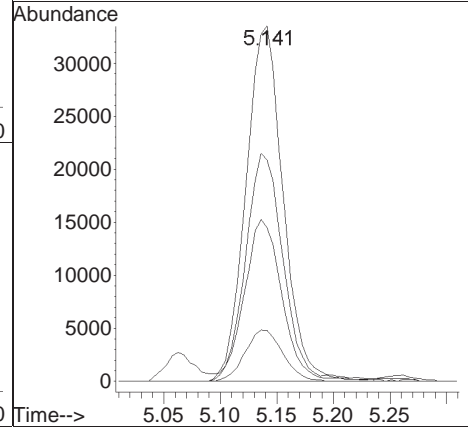
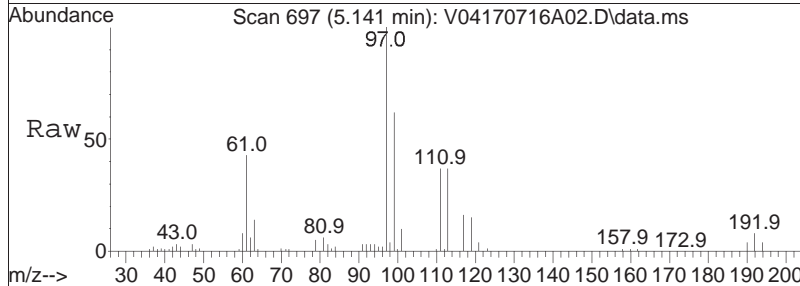
Tgt Ion	Resp	Lower	Upper
117	69602		
117	100		
119	97.3	62.7	130.3
121	30.9	20.2	41.9
82	22.0	14.4	29.8

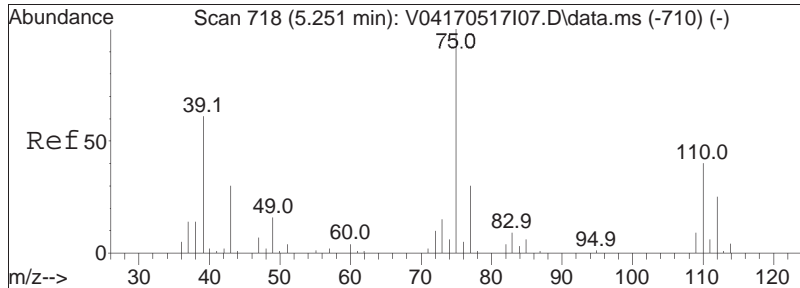




#37
 1,1,1-Trichloroethane
 Concen: 19.84 ug/L
 RT: 5.141 min Scan# 697
 Delta R.T. 0.005 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

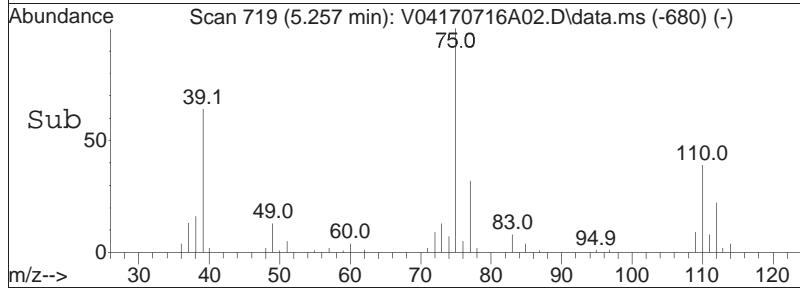
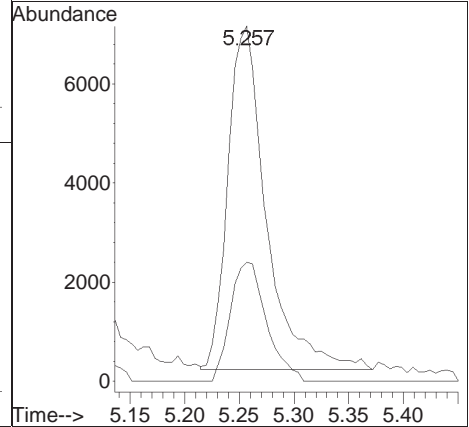
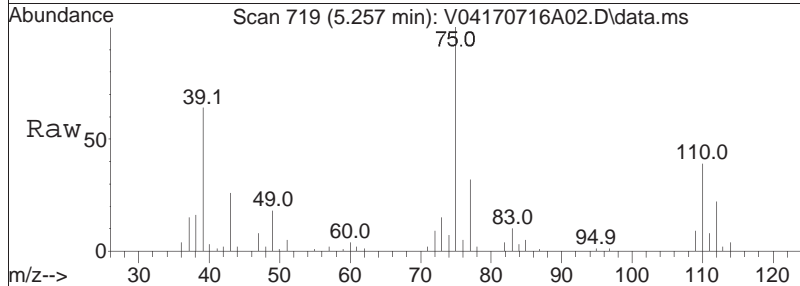
Tgt Ion	Resp	Lower	Upper
97	100		
99	64.9	41.9	86.9
61	46.2	34.3	71.1
63	14.7	10.6	22.0

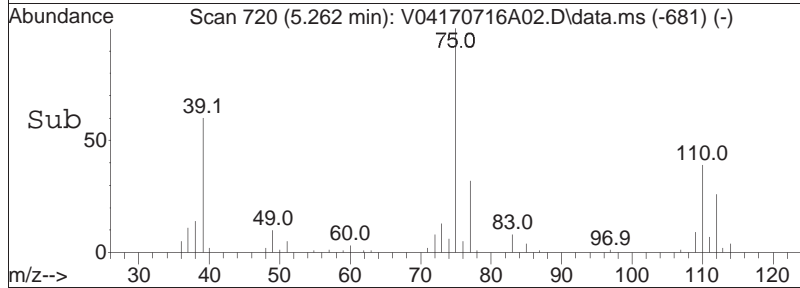
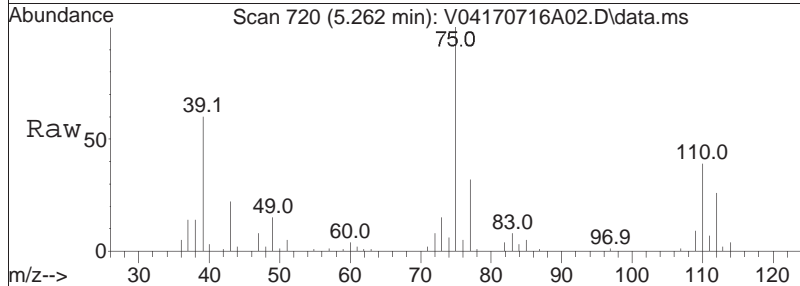
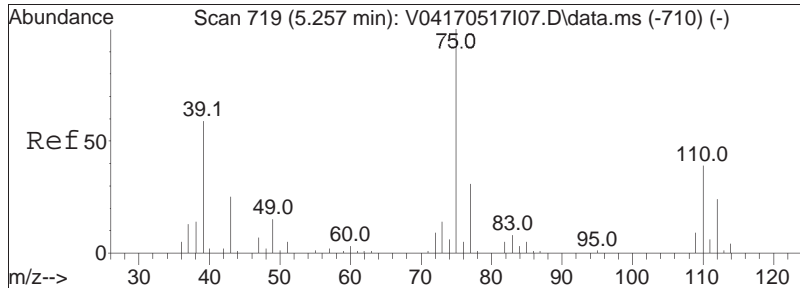




#39
 2-Butanone
 Concen: 17.39 ug/L
 RT: 5.257 min Scan# 719
 Delta R.T. 0.006 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

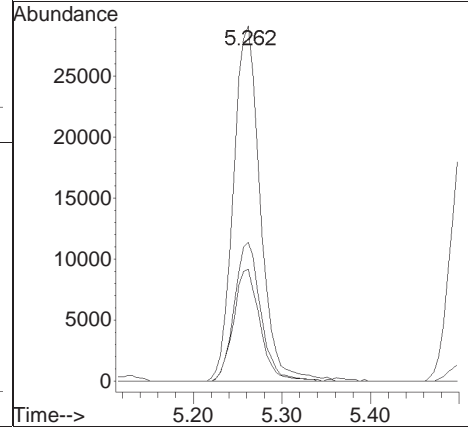
Tgt Ion: 43 Resp: 17010
 Ion Ratio Lower Upper
 43 100
 72 32.5 24.3 36.5

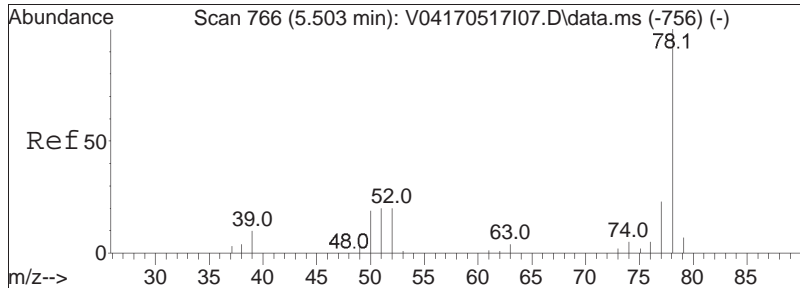




#40
 1,1-Dichloropropene
 Concen: 19.34 ug/L
 RT: 5.262 min Scan# 720
 Delta R.T. 0.005 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

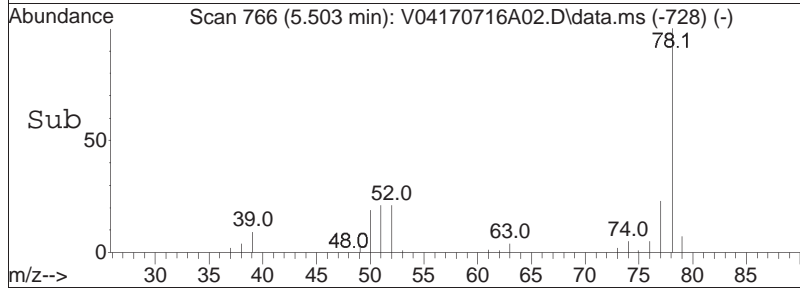
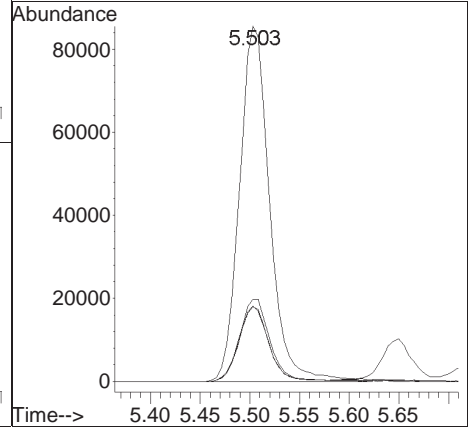
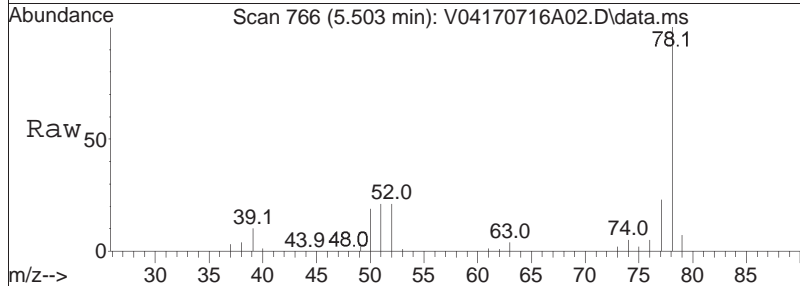
Tgt Ion	Resp	Lower	Upper
75	100		
110	38.3	24.4	50.6
77	31.1	20.5	42.5

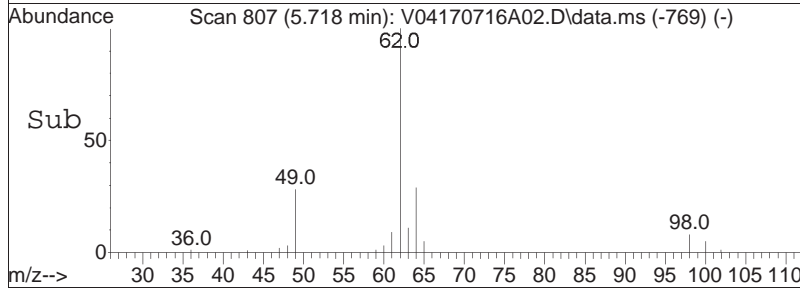
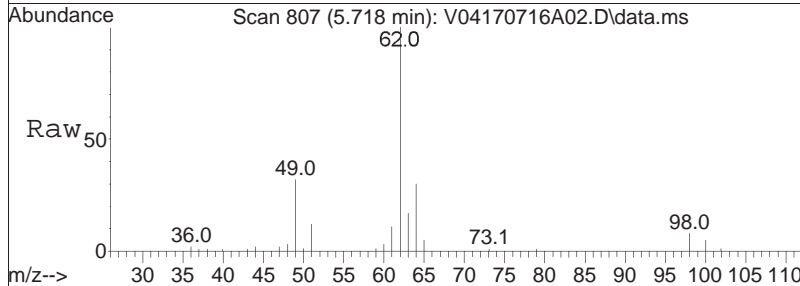
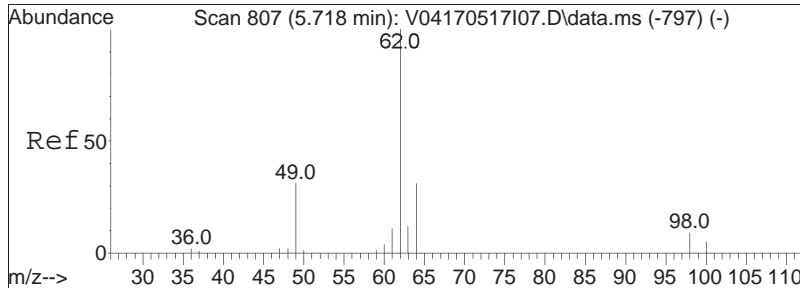




#41
Benzene
Concen: 18.94 ug/L
RT: 5.503 min Scan# 766
Delta R.T. -0.000 min
Lab File: V04170716A02.D
Acq: 16 Jul 2017 8:26

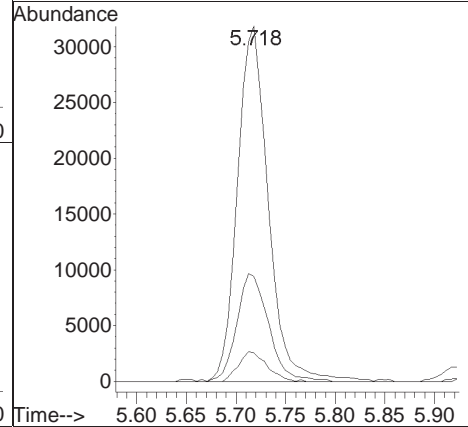
Tgt Ion	Resp	Lower	Upper
78	181024		
77	23.2	15.2	31.6
51	20.9	14.1	29.3
52	20.6	14.0	29.2

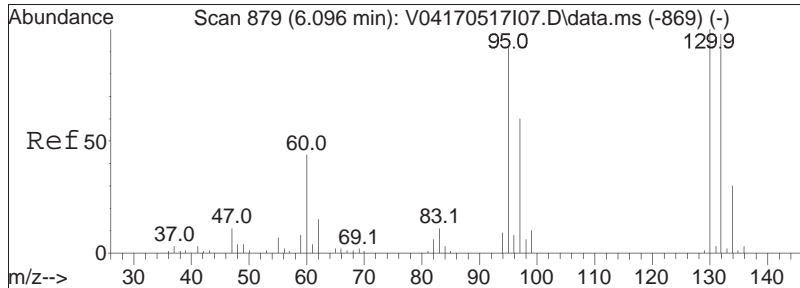




#44
 1,2-Dichloroethane
 Concen: 19.81 ug/L
 RT: 5.718 min Scan# 807
 Delta R.T. -0.000 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

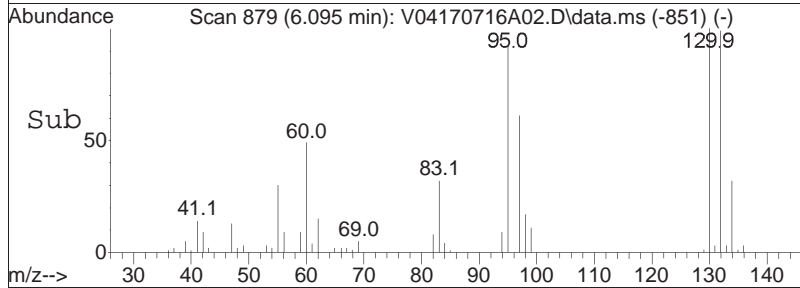
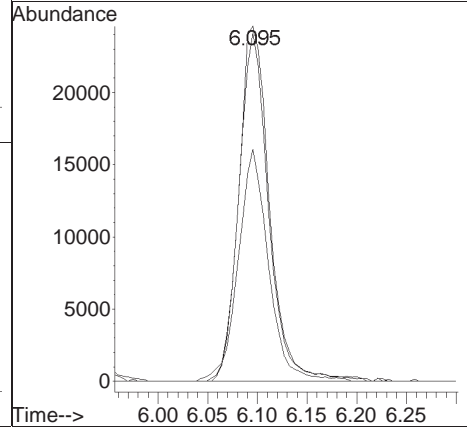
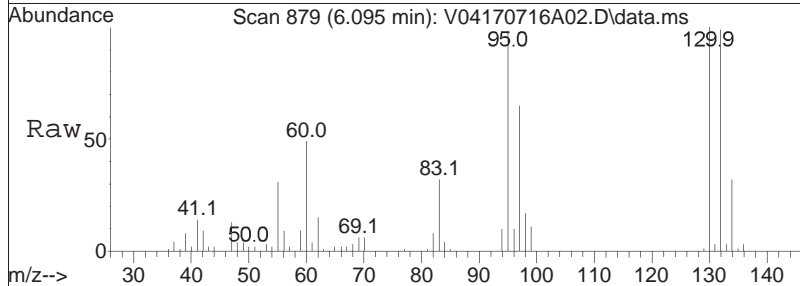
Tgt Ion:	Resp:		
Ion Ratio	Lower	Upper	
62	100		
64	31.3	11.2	51.2
98	7.8	0.0	27.3

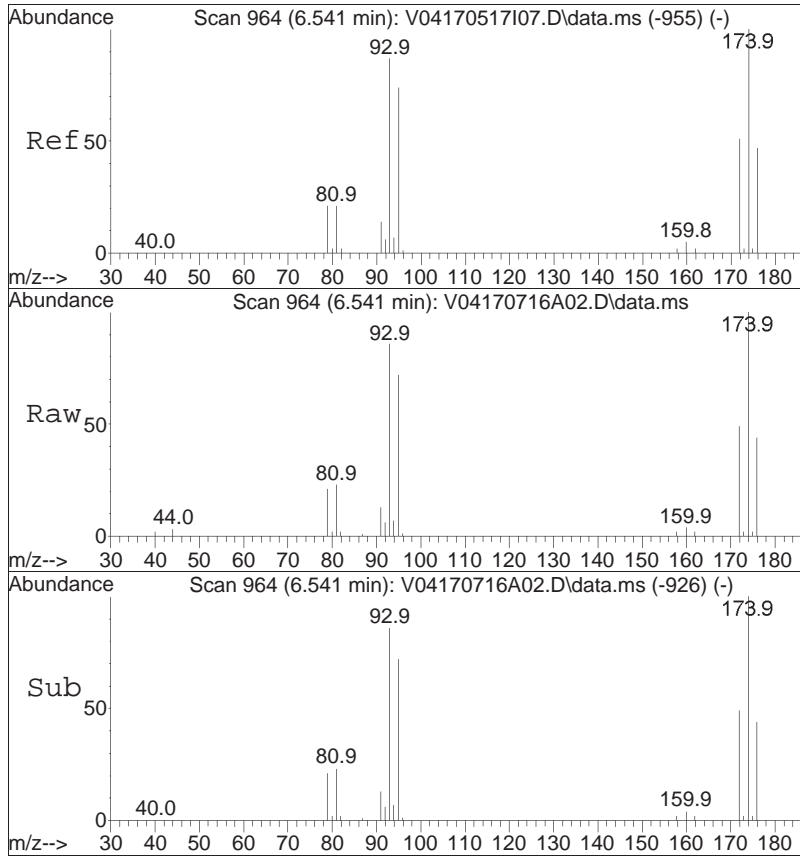




#48
 Trichloroethene
 Concen: 19.53 ug/L
 RT: 6.095 min Scan# 879
 Delta R.T. -0.001 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

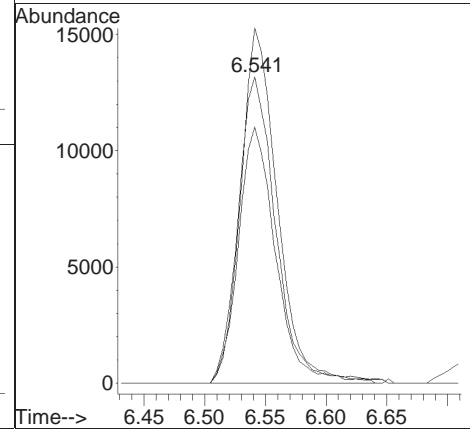
Tgt Ion:	95	Resp:	50707
Ion Ratio	Lower	Upper	
95	100		
97	67.5	54.8	82.2
130	104.8	85.8	128.6

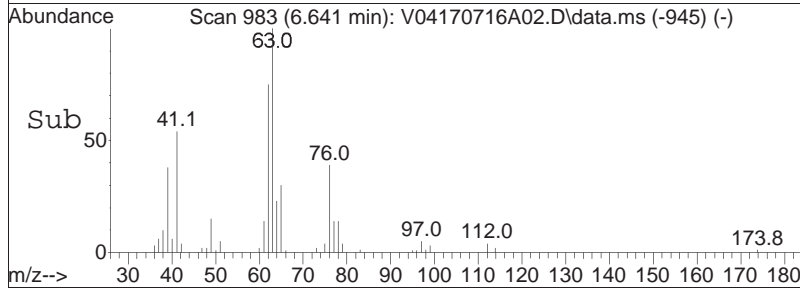
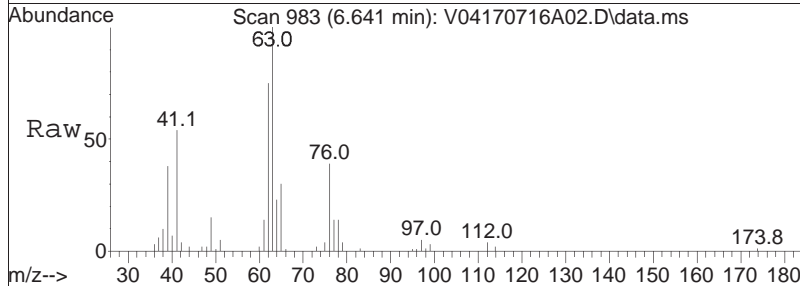
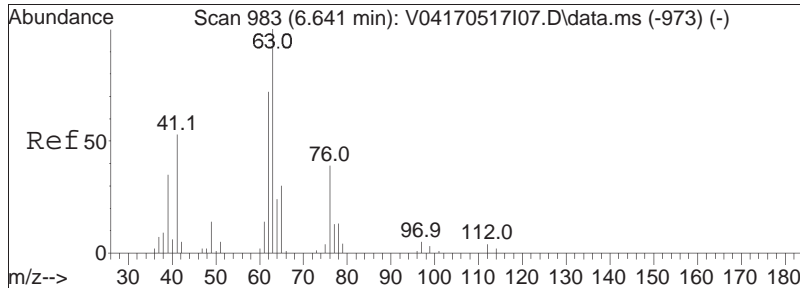




#50
 Dibromomethane
 Concen: 18.57 ug/L
 RT: 6.541 min Scan# 964
 Delta R.T. 0.000 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

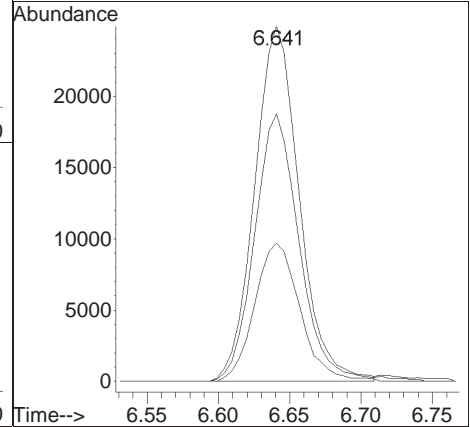
Tgt Ion	Resp	Lower	Upper
93	28492		
93	100		
95	83.4	67.3	100.9
174	113.2	94.1	141.1

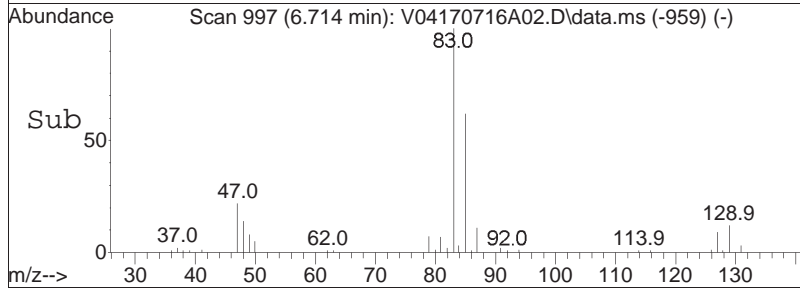
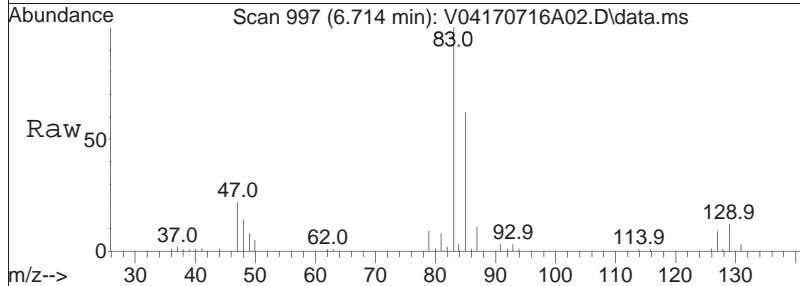
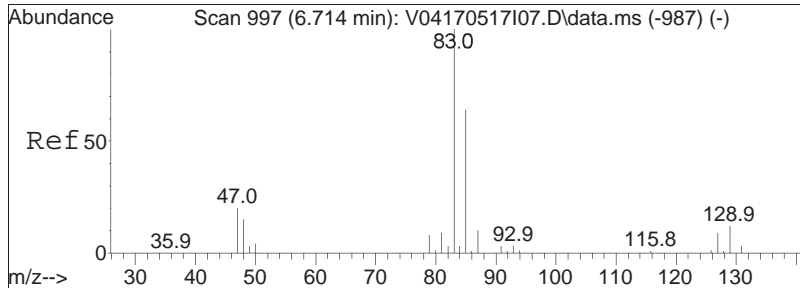




#51
 1,2-Dichloropropane
 Concen: 19.57 ug/L
 RT: 6.641 min Scan# 983
 Delta R.T. -0.000 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

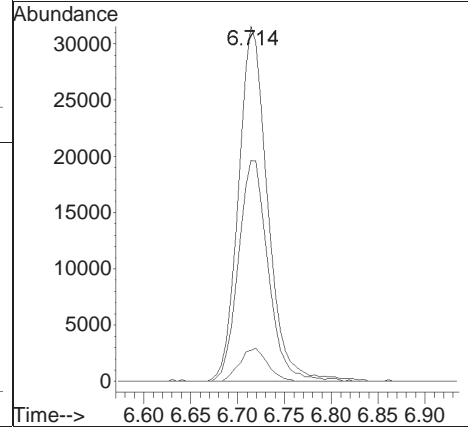
Tgt Ion:	Resp:		
Ion	Ratio	Lower	Upper
63	100		
62	75.8	57.9	86.9
76	39.6	26.1	39.1#

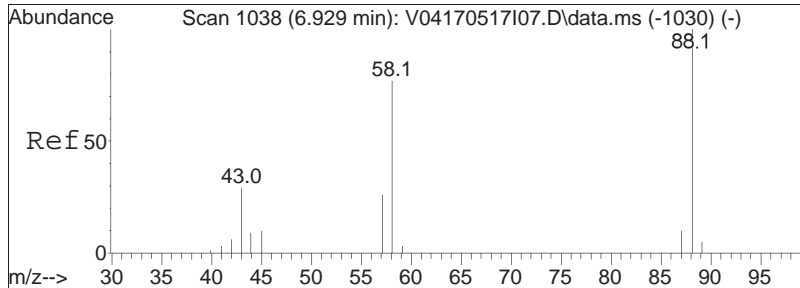




#54
 Bromodichloromethane
 Concen: 20.08 ug/L
 RT: 6.714 min Scan# 997
 Delta R.T. 0.000 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

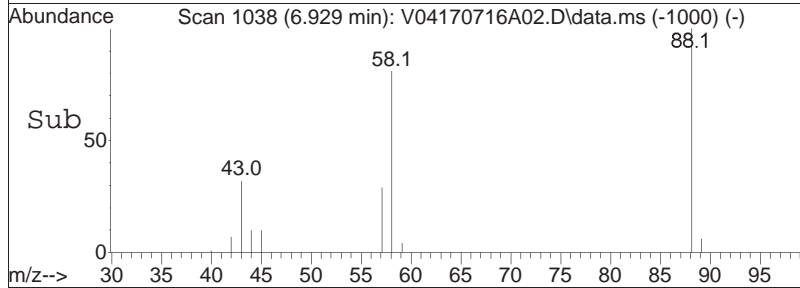
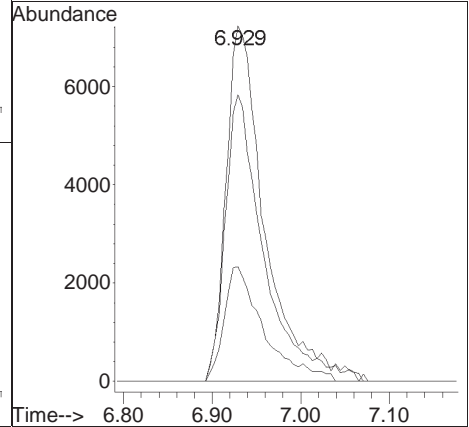
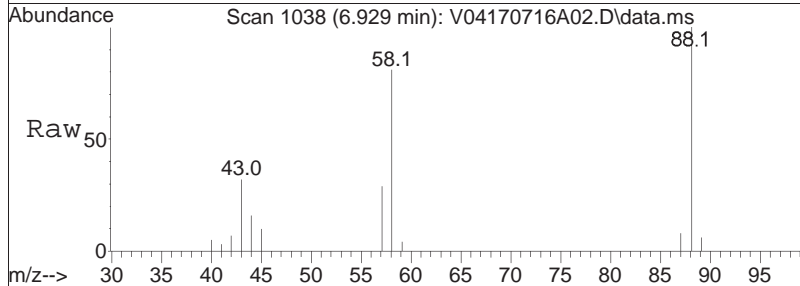
Tgt Ion	Resp	Lower	Upper
83	68505		
85	63.3	51.5	77.3
127	8.9	7.1	10.7

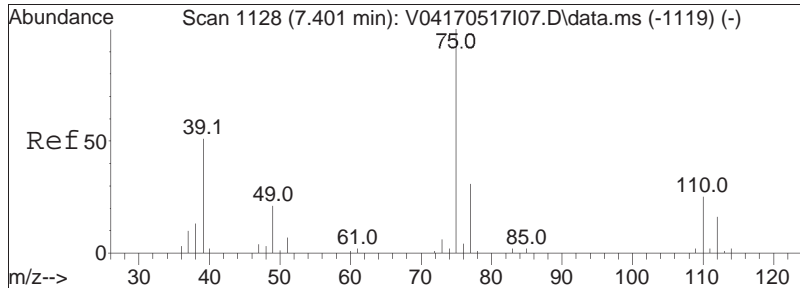




#57
 1,4-Dioxane
 Concen: 1026.76 ug/L
 RT: 6.929 min Scan# 1038
 Delta R.T. 0.000 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

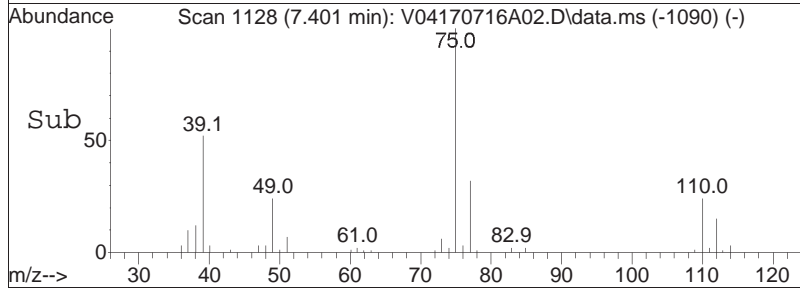
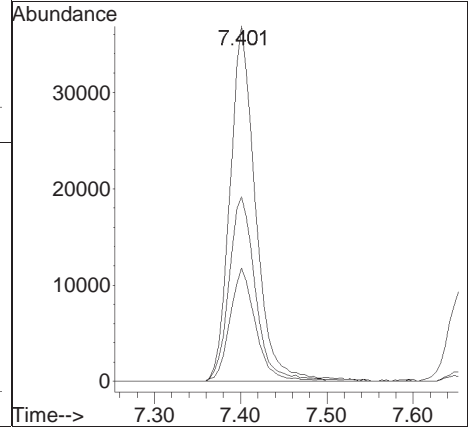
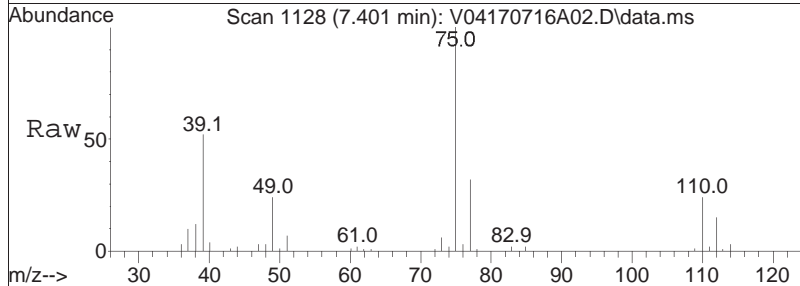
Tgt Ion:	88	Resp:	22169
Ion Ratio	Lower	Upper	
88	100		
58	79.0	72.2	108.2
43	32.9	28.1	42.1

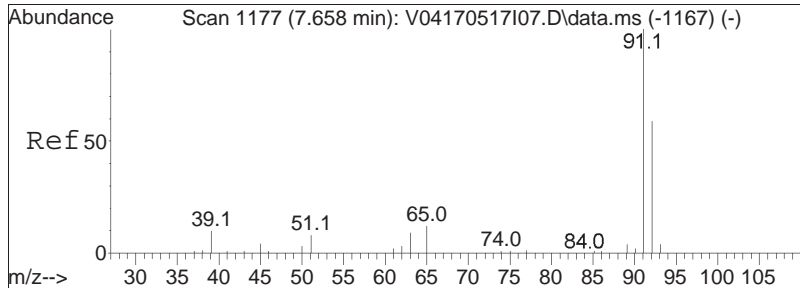




#58
 cis-1,3-Dichloropropene
 Concen: 18.43 ug/L
 RT: 7.401 min Scan# 1128
 Delta R.T. -0.000 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

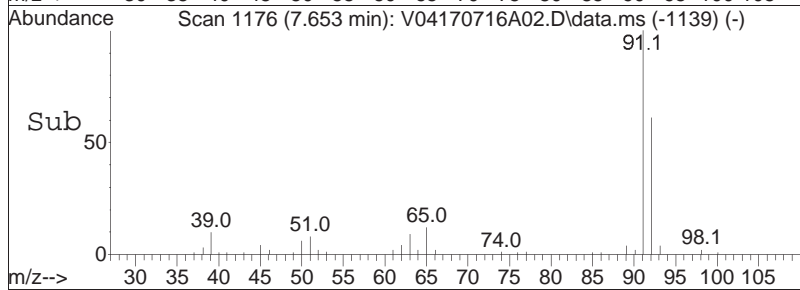
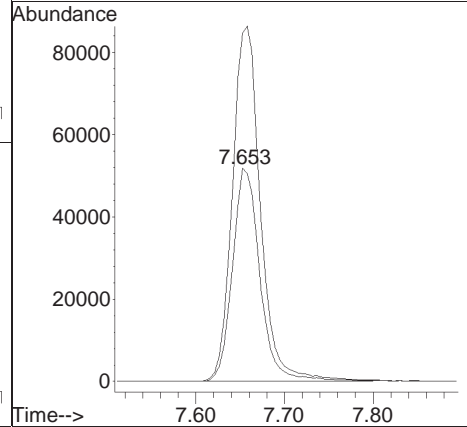
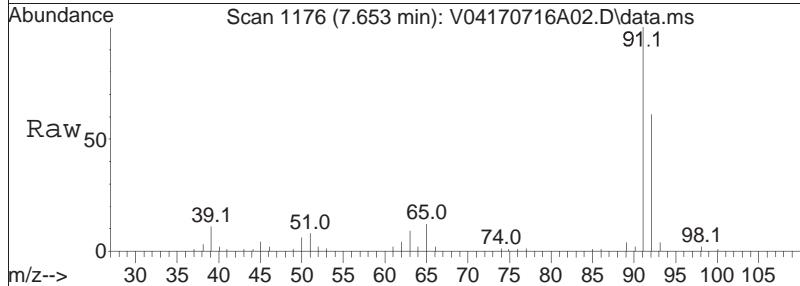
Tgt Ion	Resp	Lower	Upper
75	100		
77	31.9	25.3	37.9
39	53.5	42.6	64.0

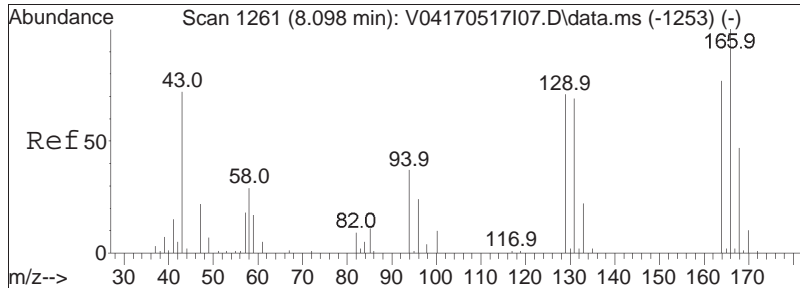




#61
 Toluene
 Concen: 19.85 ug/L
 RT: 7.653 min Scan# 1176
 Delta R.T. -0.005 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

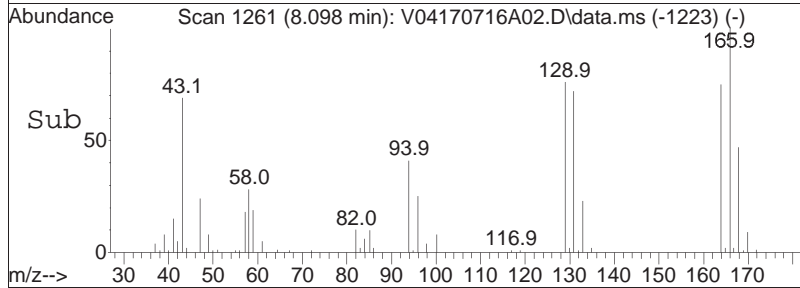
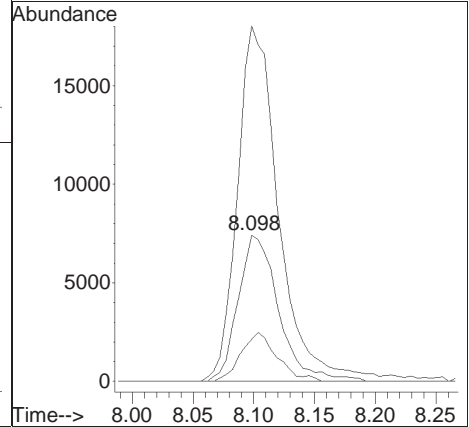
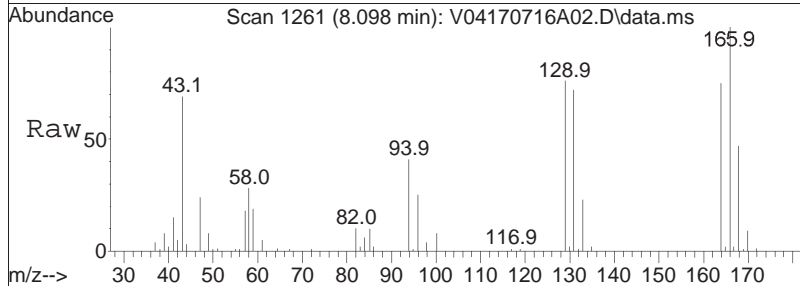
Tgt Ion:	Resp:	Lower	Upper
92	112018		
91	170.1	135.4	203.2

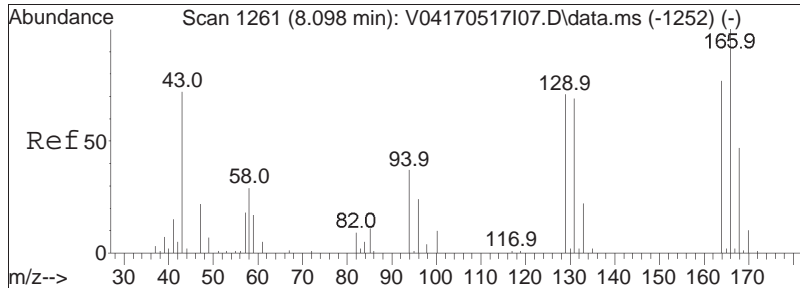




#62
 4-Methyl-2-pentanone
 Concen: 20.62 ug/L
 RT: 8.098 min Scan# 1261
 Delta R.T. 0.000 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

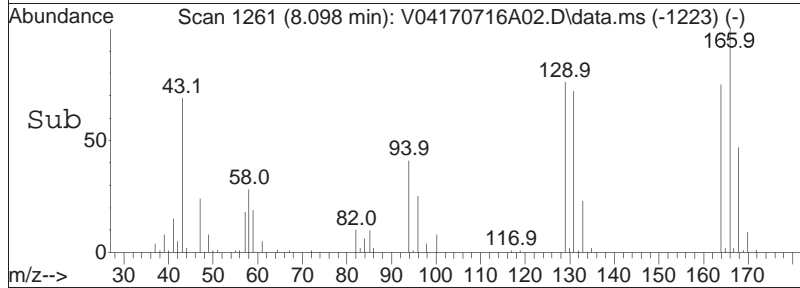
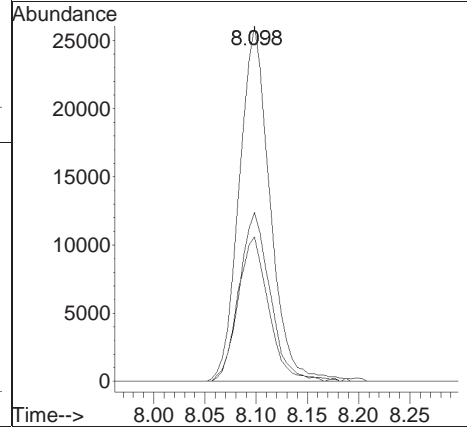
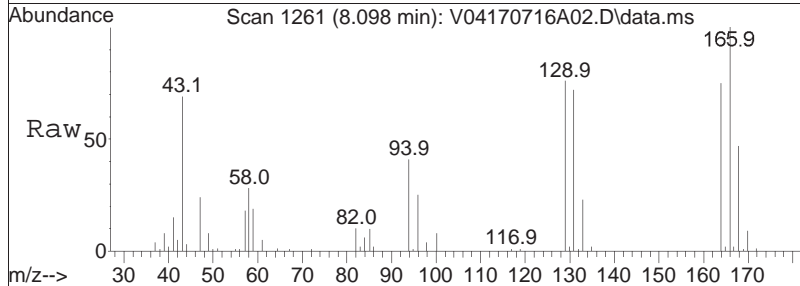
Tgt Ion	Resp	Lower	Upper
58	100		
100	30.0	22.2	33.2
43	251.0	188.5	282.7

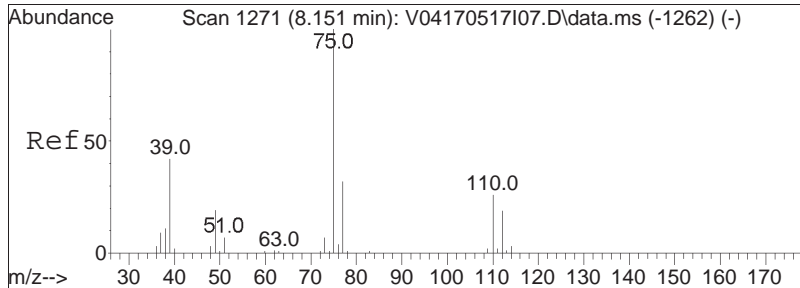




#63
 Tetrachloroethene
 Concen: 19.83 ug/L
 RT: 8.098 min Scan# 1261
 Delta R.T. 0.000 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

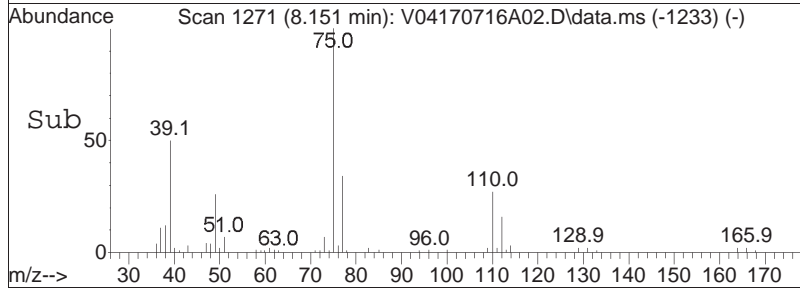
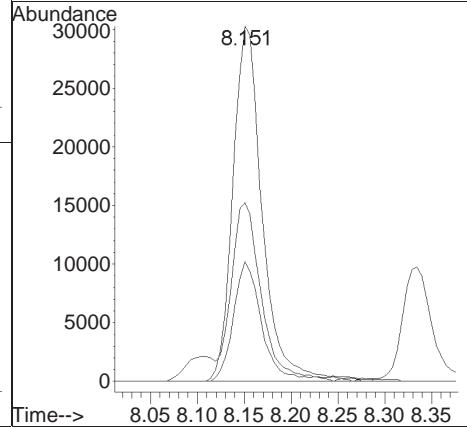
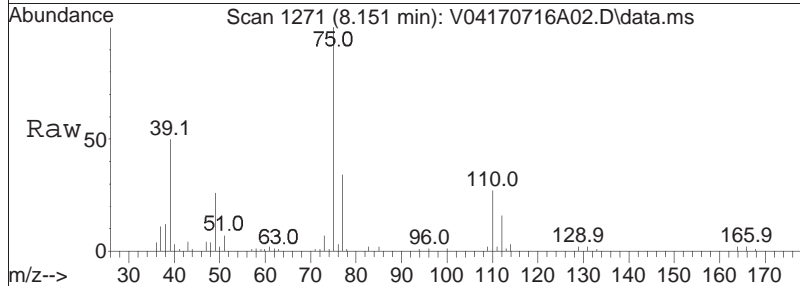
Tgt Ion	Resp	Lower	Upper
166	100		
168	47.5	27.3	67.3
94	40.9	17.1	57.1

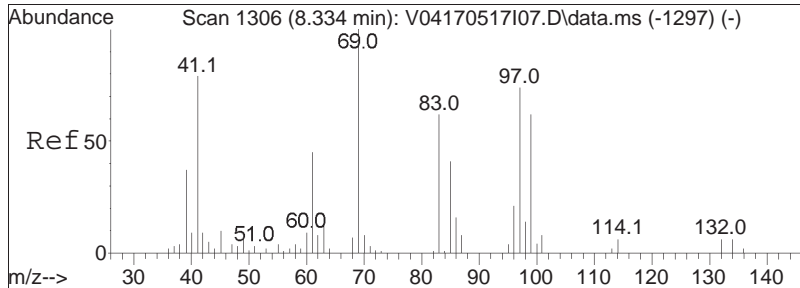




#65
 trans-1,3-Dichloropropene
 Concen: 20.42 ug/L
 RT: 8.151 min Scan# 1271
 Delta R.T. -0.000 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

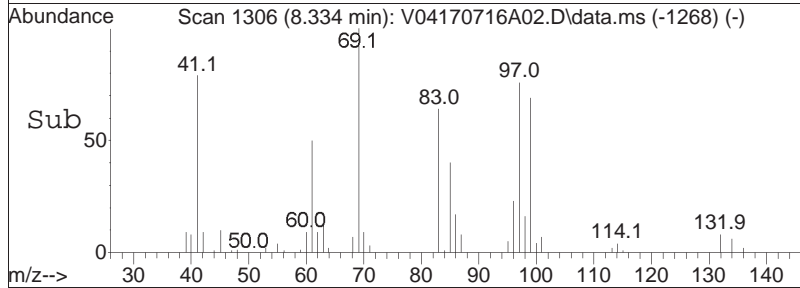
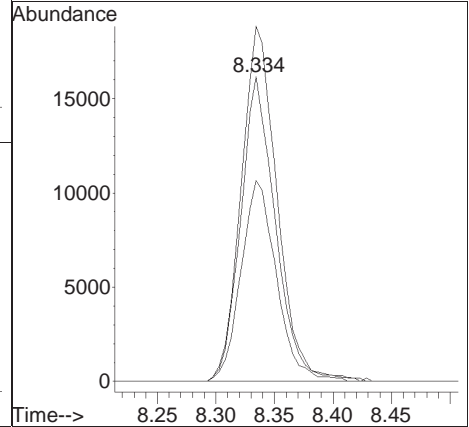
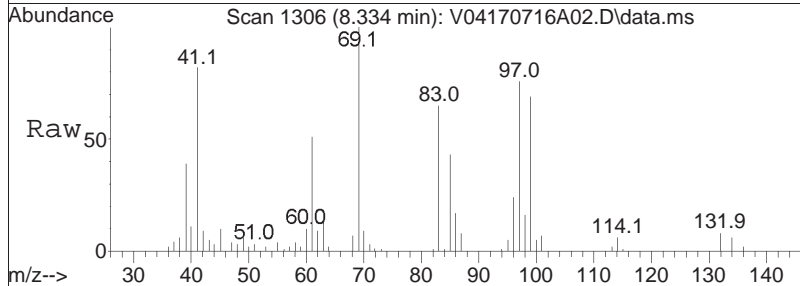
Tgt Ion	Resp	Lower	Upper
75	100		
77	32.6	11.9	51.9
39	50.1	31.2	71.2

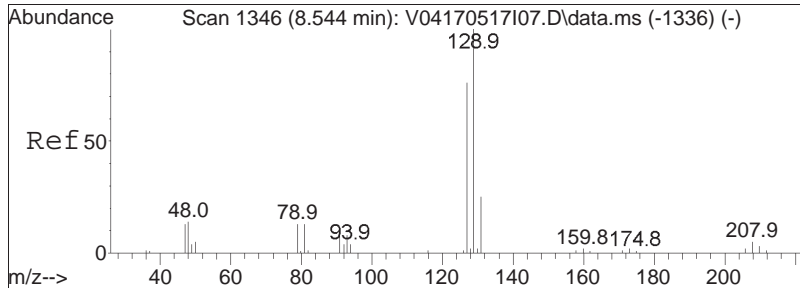




#68
 1,1,2-Trichloroethane
 Concen: 19.73 ug/L
 RT: 8.334 min Scan# 1306
 Delta R.T. 0.000 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

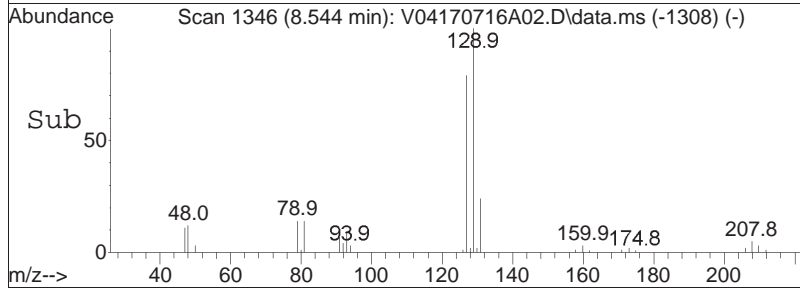
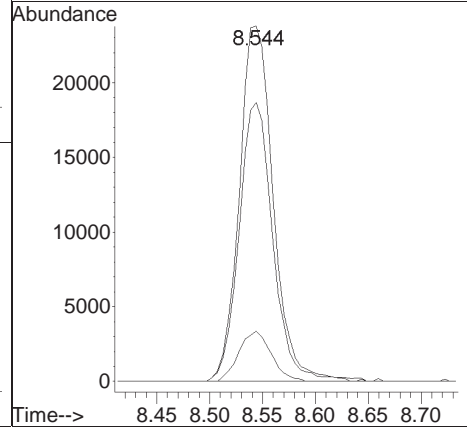
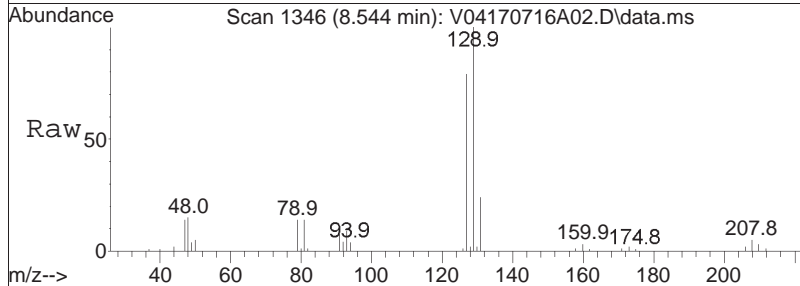
Tgt Ion	Resp	Lower	Upper
83	33496		
83	100		
97	120.1	95.8	135.8
85	67.3	47.8	87.8

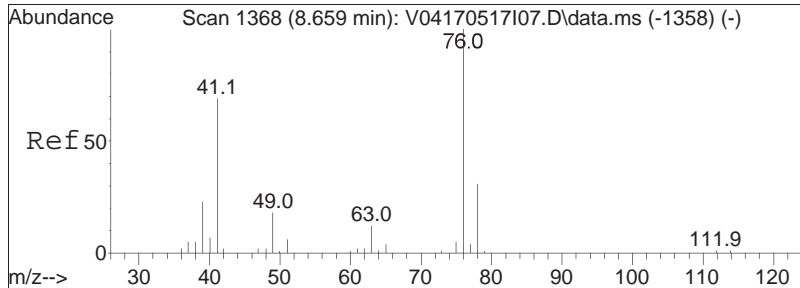




#69
 Chlorodibromomethane
 Concen: 19.60 ug/L
 RT: 8.544 min Scan# 1346
 Delta R.T. -0.000 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

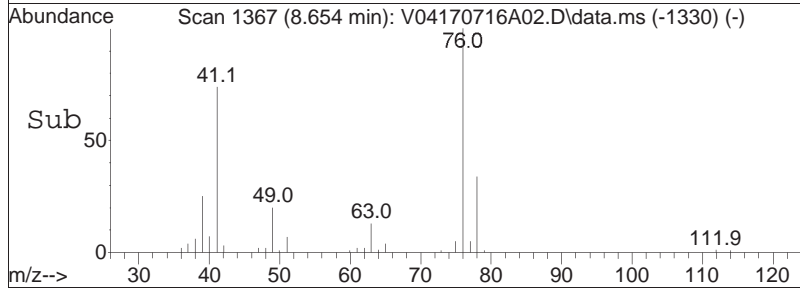
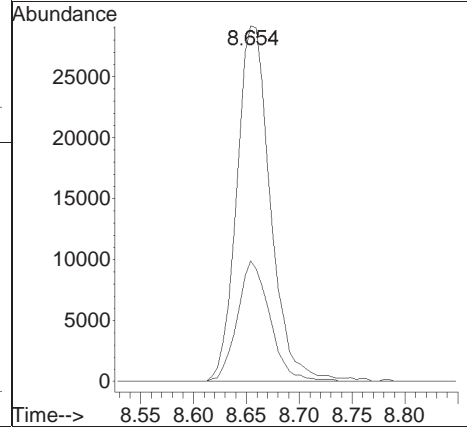
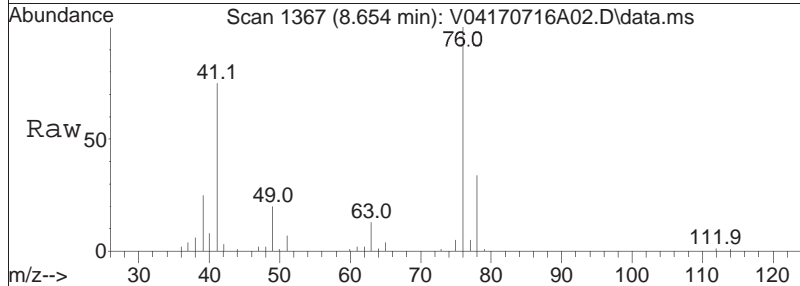
Tgt Ion	Resp	Lower	Upper
129	53319		
129	100		
81	13.5	0.0	33.6
127	77.7	56.6	96.6

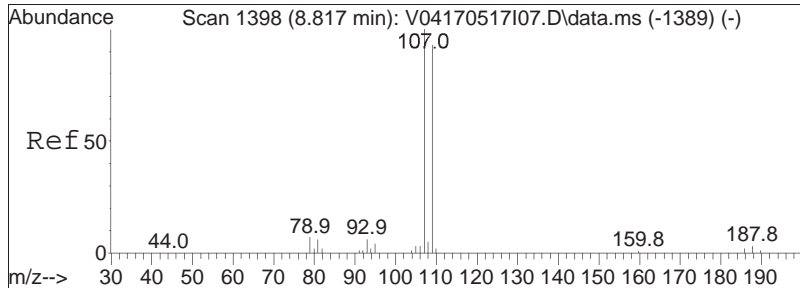




#70
 1,3-Dichloropropane
 Concen: 19.70 ug/L
 RT: 8.654 min Scan# 1367
 Delta R.T. -0.005 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

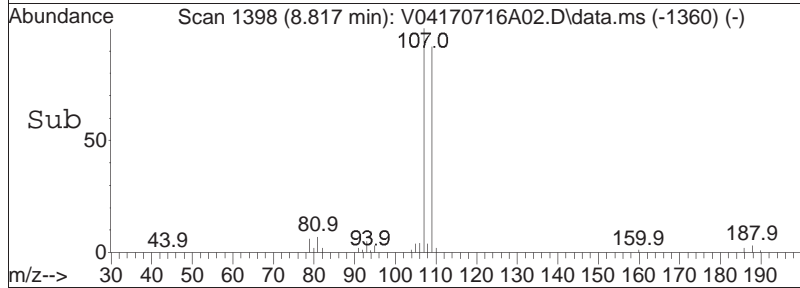
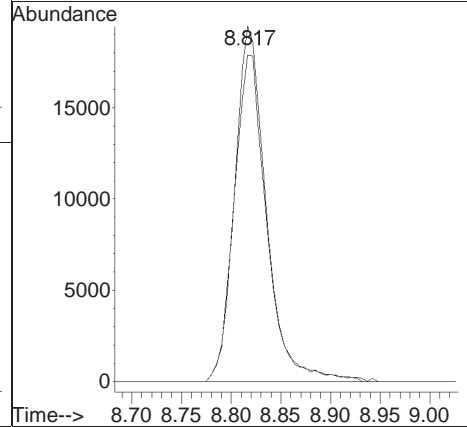
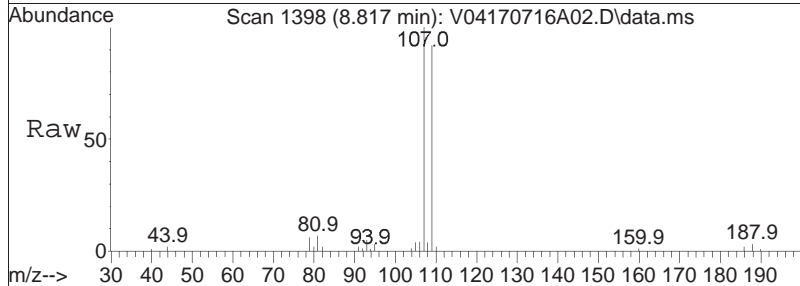
Tgt Ion:	Resp:	Lower	Upper
76	100		
78	32.7	25.4	38.2

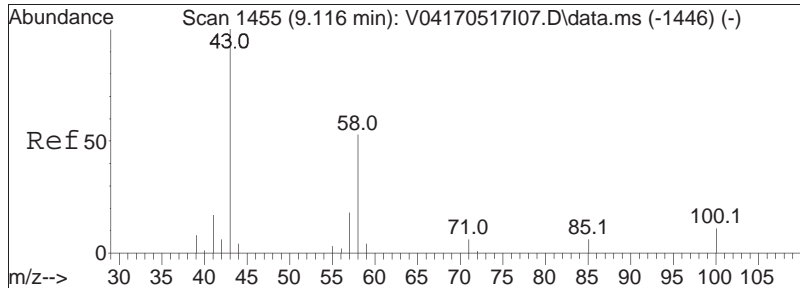




#71
 1,2-Dibromoethane
 Concen: 19.73 ug/L
 RT: 8.817 min Scan# 1398
 Delta R.T. -0.000 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

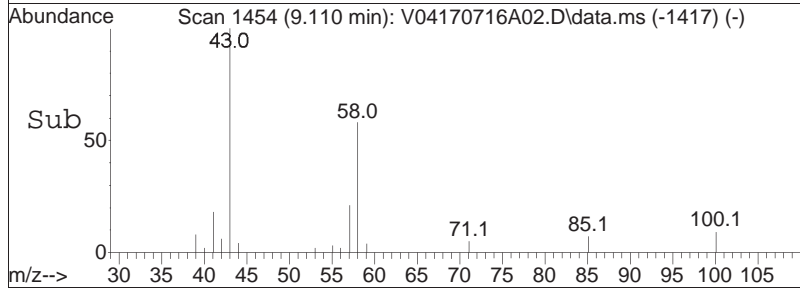
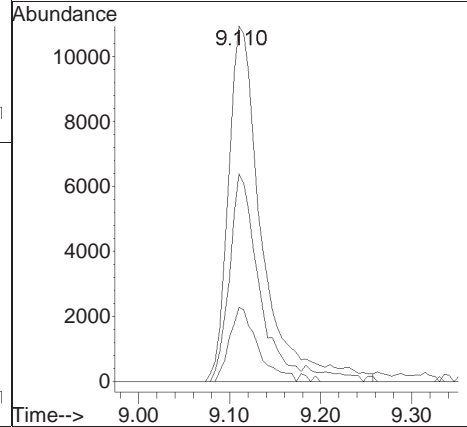
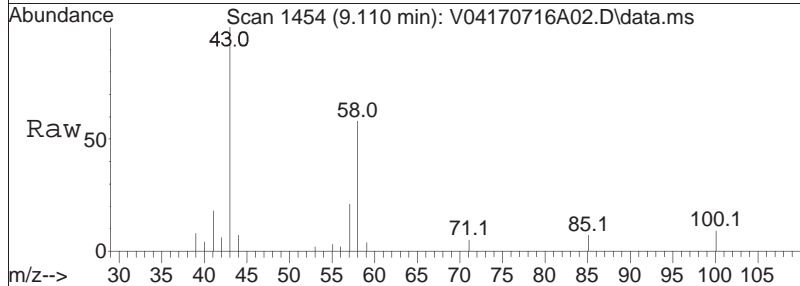
Tgt Ion	Resp	Lower	Upper
107	100		
109	94.5	75.1	112.7

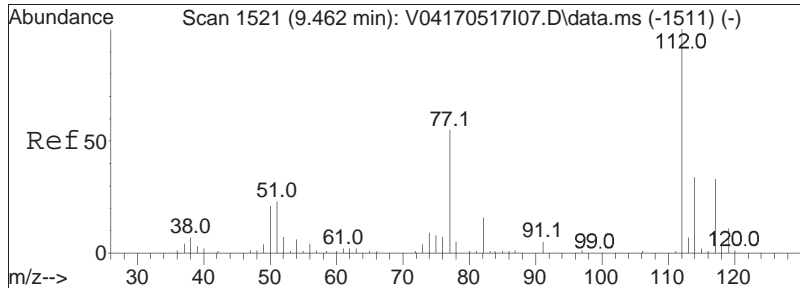




#72
 2-Hexanone
 Concen: 20.42 ug/L
 RT: 9.110 min Scan# 1454
 Delta R.T. -0.006 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

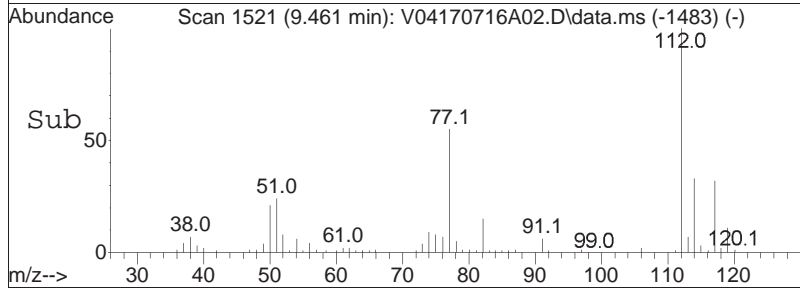
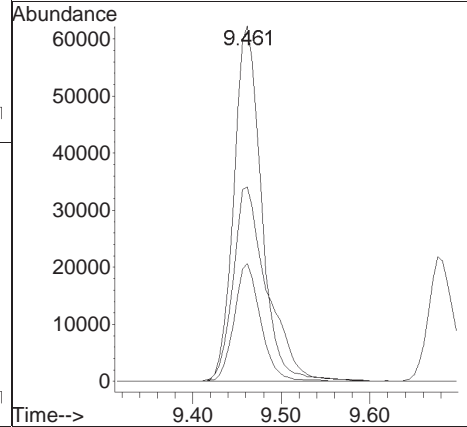
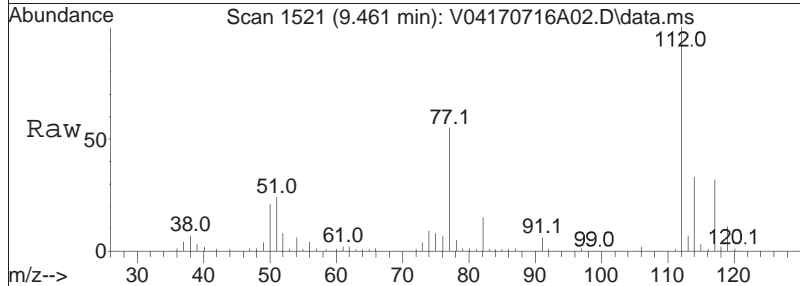
Tgt Ion:	43	58	57	Resp:	27946	Lower	Upper
Ion Ratio	100	50.7	17.6			46.3	69.5

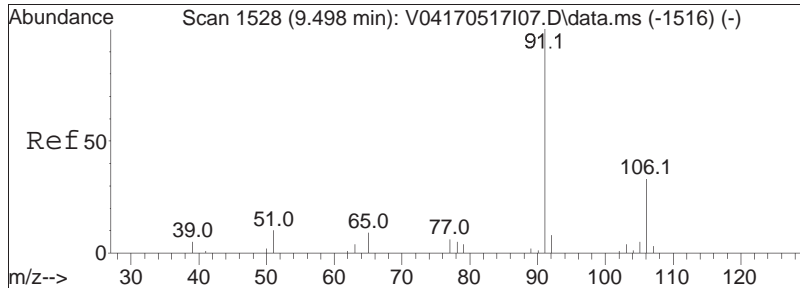




#73
 Chlorobenzene
 Concen: 19.46 ug/L
 RT: 9.461 min Scan# 1521
 Delta R.T. -0.001 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

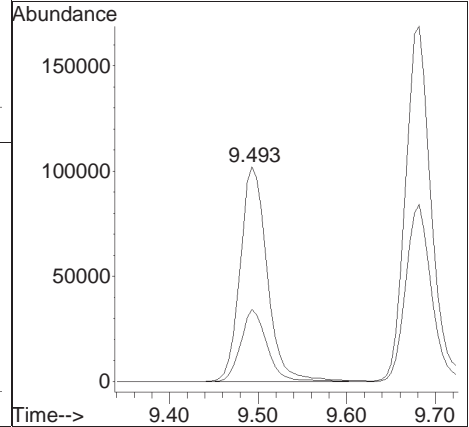
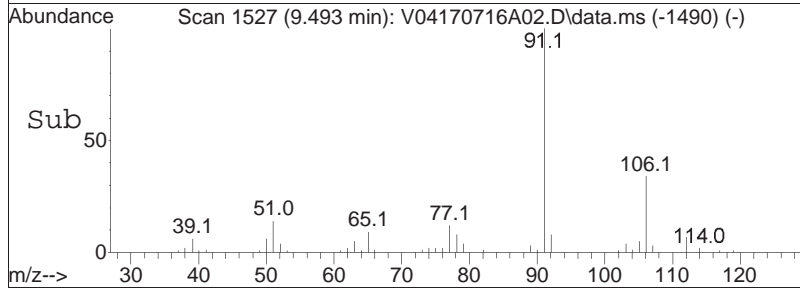
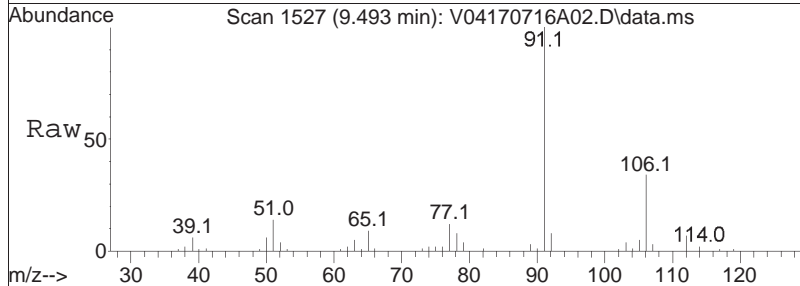
Tgt Ion	Ratio	Lower	Upper
112	100		
77	68.6	54.7	82.1
114	32.1	25.4	38.2

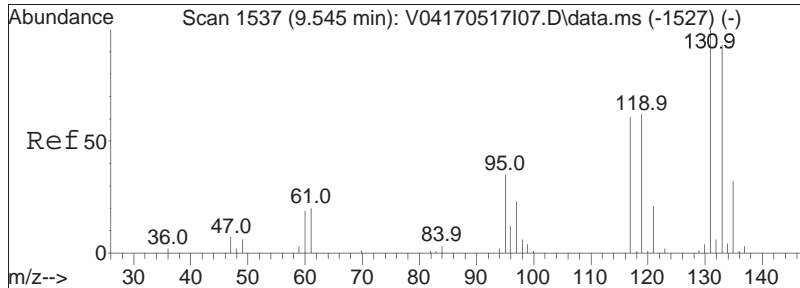




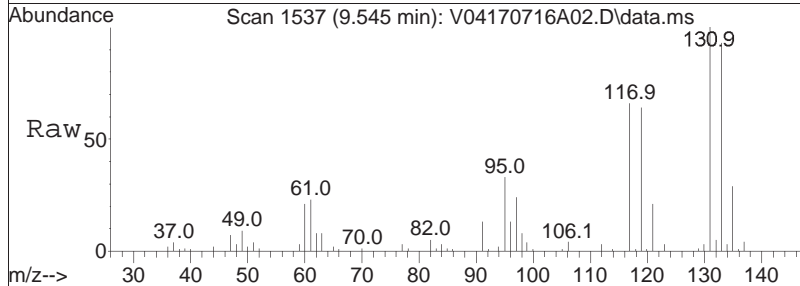
#74
 Ethylbenzene
 Concen: 19.93 ug/L
 RT: 9.493 min Scan# 1527
 Delta R.T. -0.005 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

Tgt Ion: 91 Resp: 216127
 Ion Ratio Lower Upper
 91 100
 106 32.4 25.8 38.8

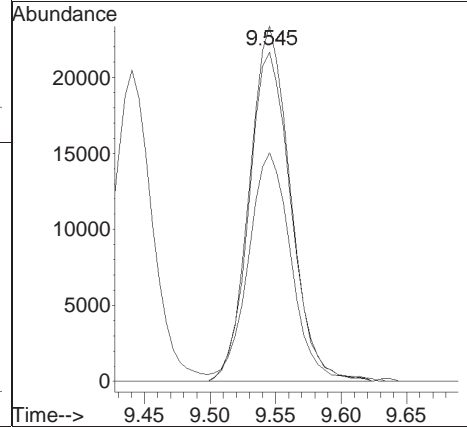
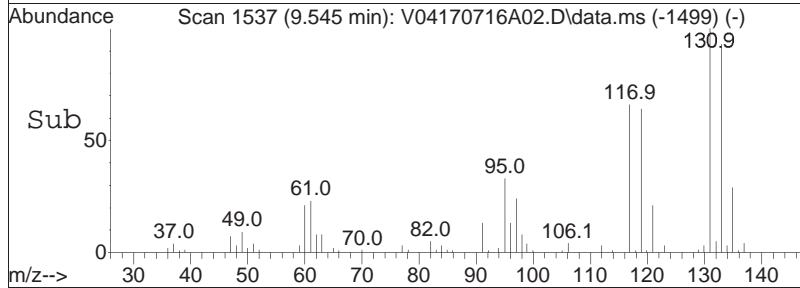


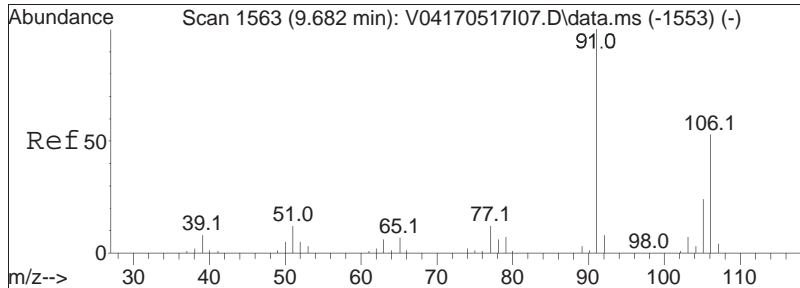


#75
 1,1,1,2-Tetrachloroethane
 Concen: 19.51 ug/L
 RT: 9.545 min Scan# 1537
 Delta R.T. 0.000 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26



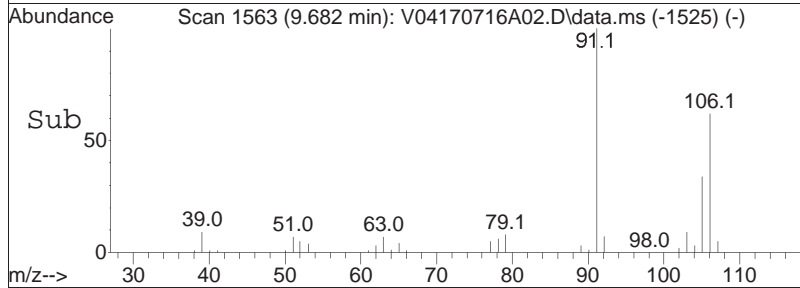
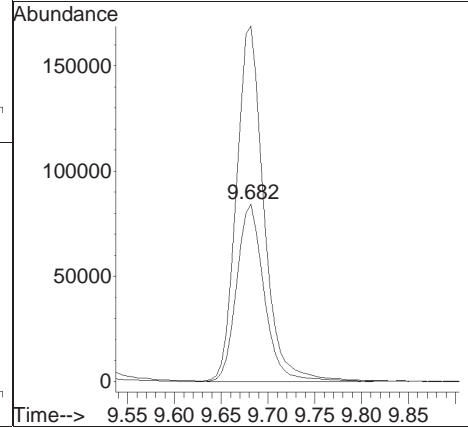
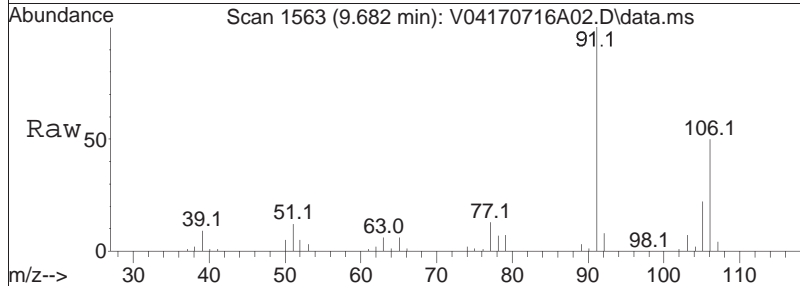
Tgt Ion	Resp	Lower	Upper
131	50991		
131	100		
133	94.9	77.7	117.7
119	67.0	45.6	85.6

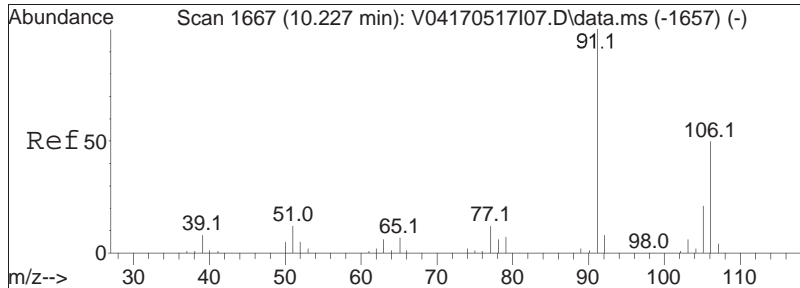




#76
 p/m Xylene
 Concen: 39.24 ug/L
 RT: 9.682 min Scan# 1563
 Delta R.T. -0.000 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

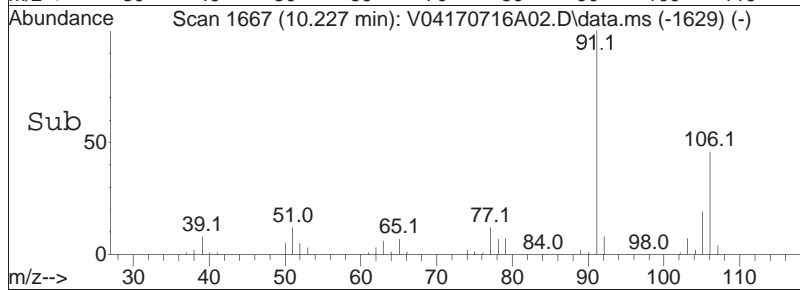
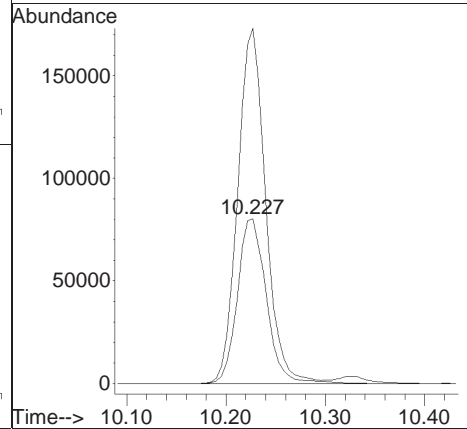
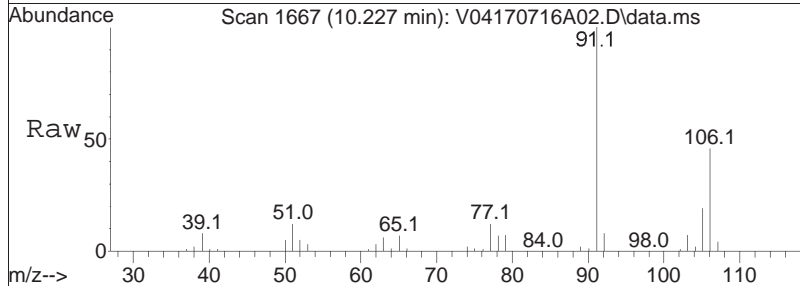
Tgt Ion	Resp	Lower	Upper
106	172357		
91	198.0	155.4	233.0

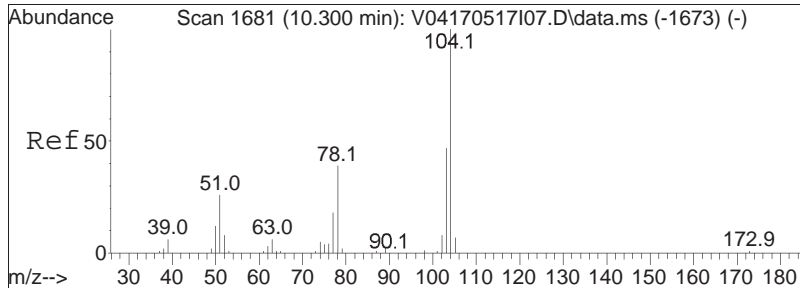




#77
 o Xylene
 Concen: 38.66 ug/L
 RT: 10.227 min Scan# 1667
 Delta R.T. -0.000 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

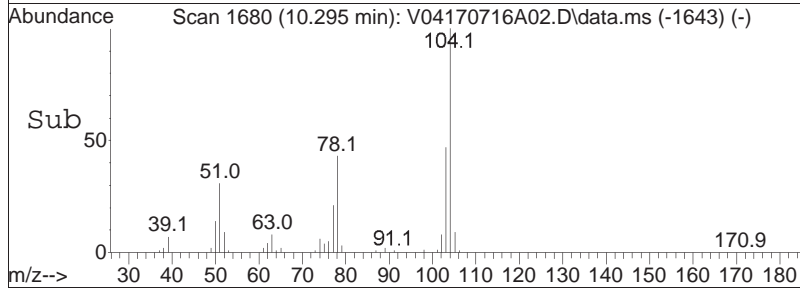
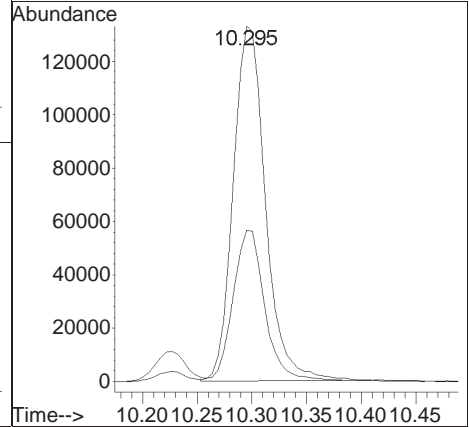
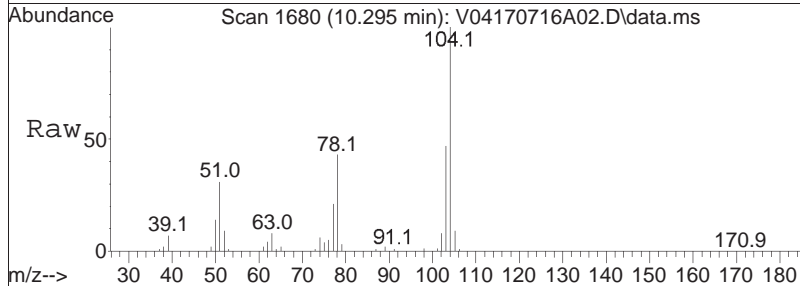
Tgt Ion	106	91	Resp	161873
Ion Ratio	100	207.9	Lower	Upper
			164.9	247.3

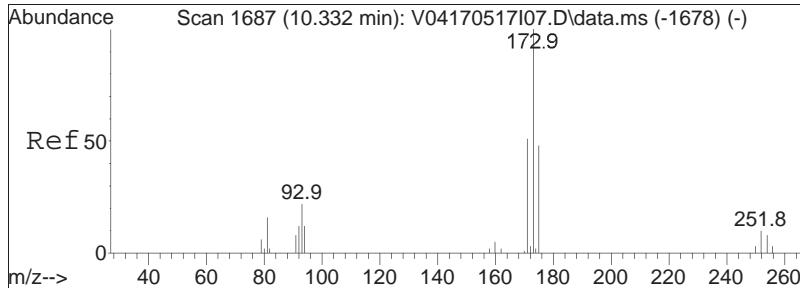




#78
 Styrene
 Concen: 38.99 ug/L
 RT: 10.295 min Scan# 1680
 Delta R.T. -0.005 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

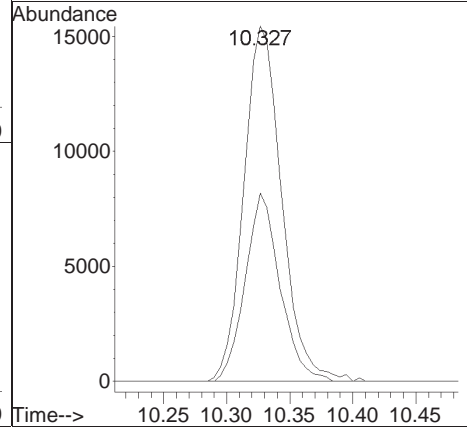
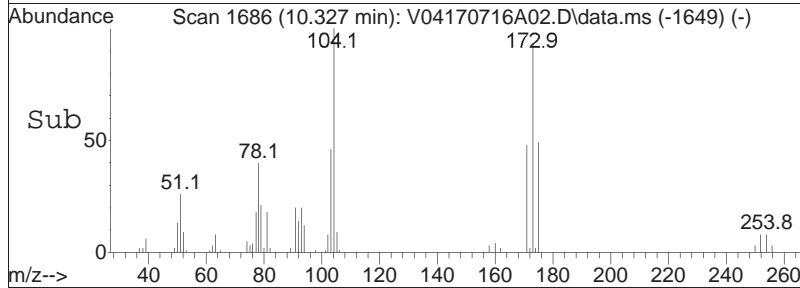
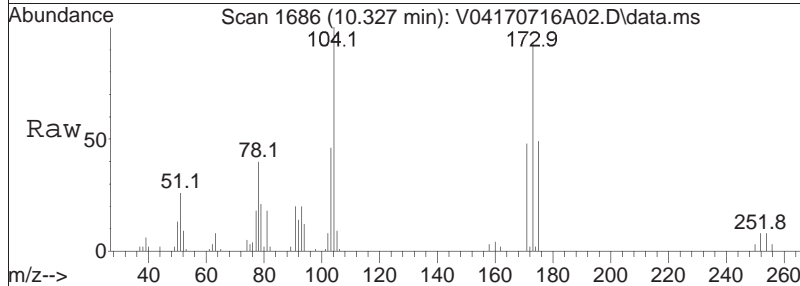
Tgt Ion	104	78	Resp	Lower	Upper
Ion Ratio	100	42.4	272632	33.0	49.4

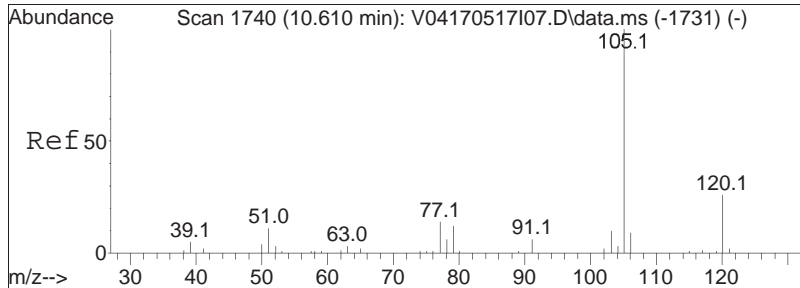




#80
 Bromoform
 Concen: 19.40 ug/L
 RT: 10.327 min Scan# 1686
 Delta R.T. -0.005 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

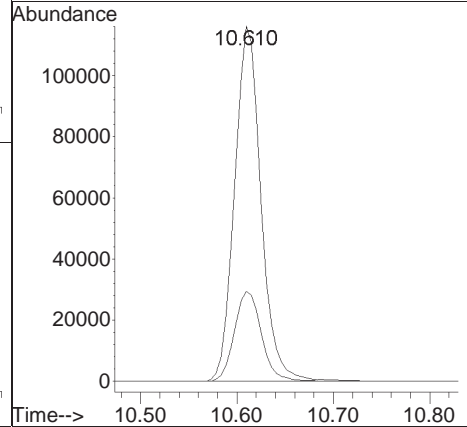
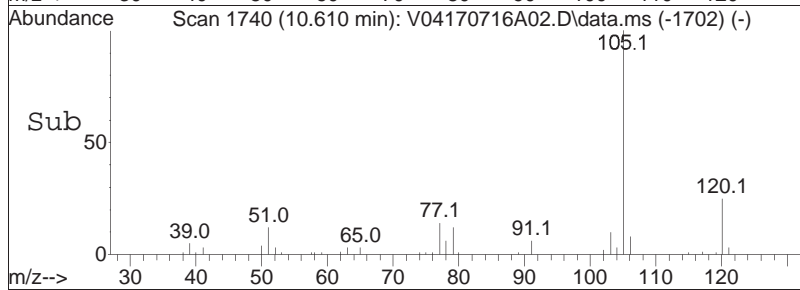
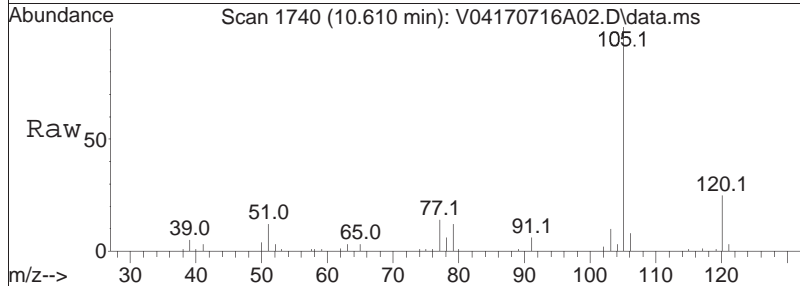
Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.8	28.1	68.1

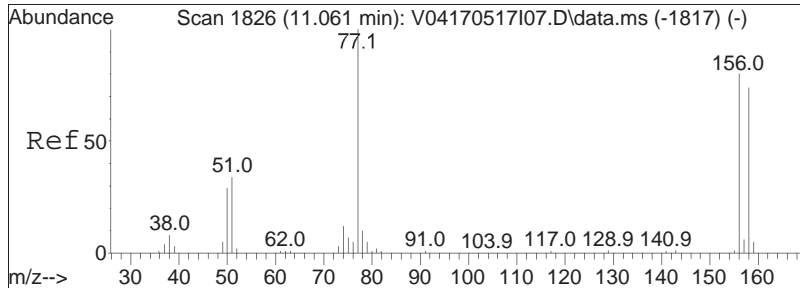




#82
 Isopropylbenzene
 Concen: 20.56 ug/L
 RT: 10.610 min Scan# 1740
 Delta R.T. -0.000 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

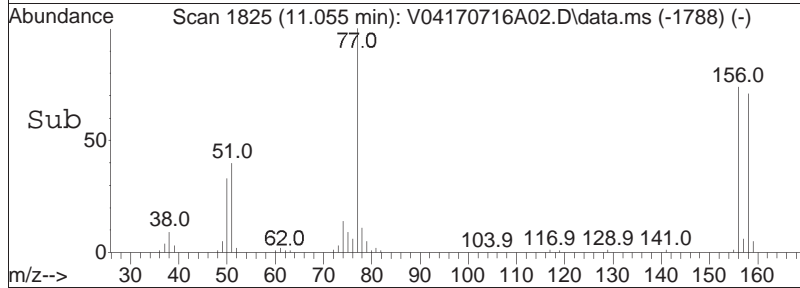
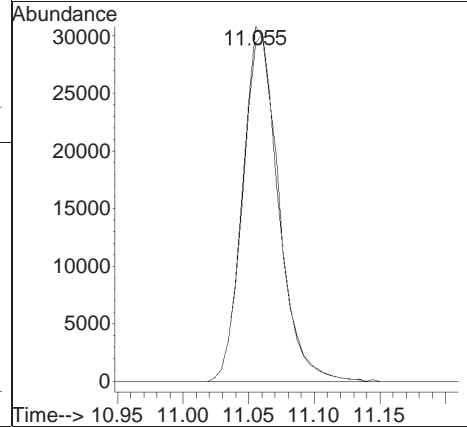
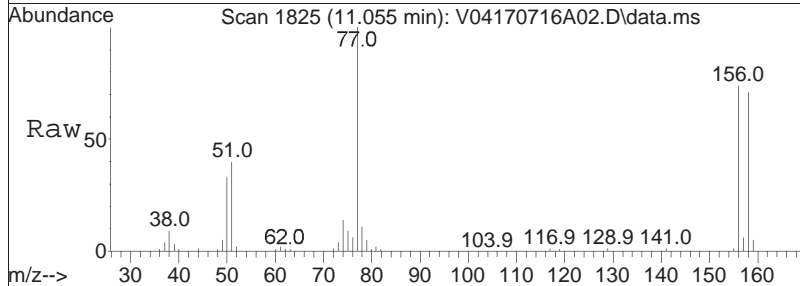
Tgt Ion	Resp	Lower	Upper
105	100		
120	25.9	6.3	46.3

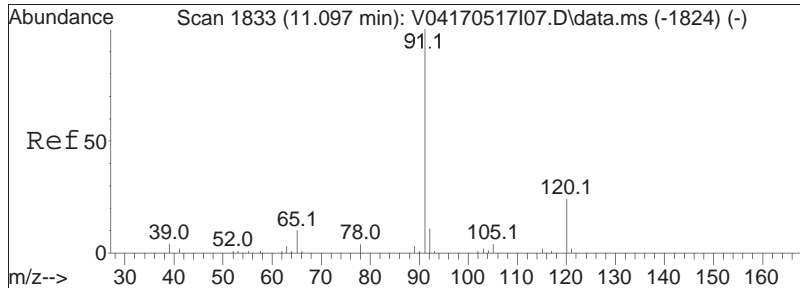




#84
 Bromobenzene
 Concen: 19.80 ug/L
 RT: 11.055 min Scan# 1825
 Delta R.T. -0.006 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

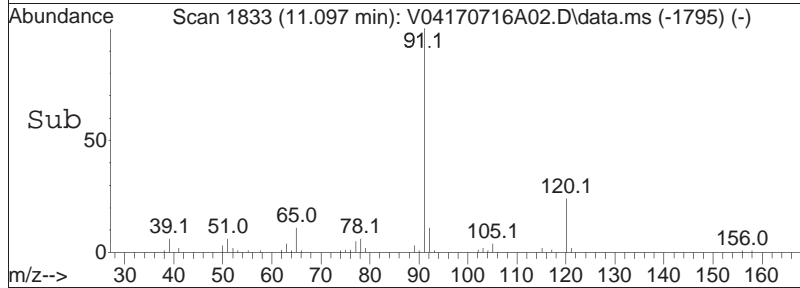
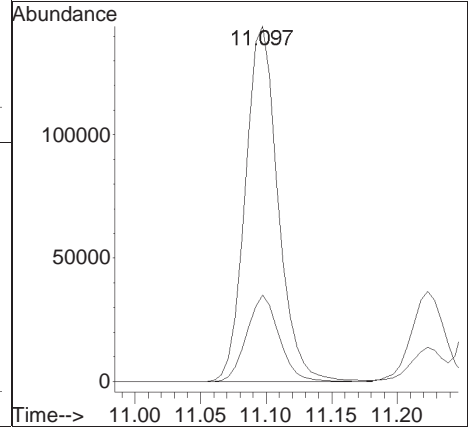
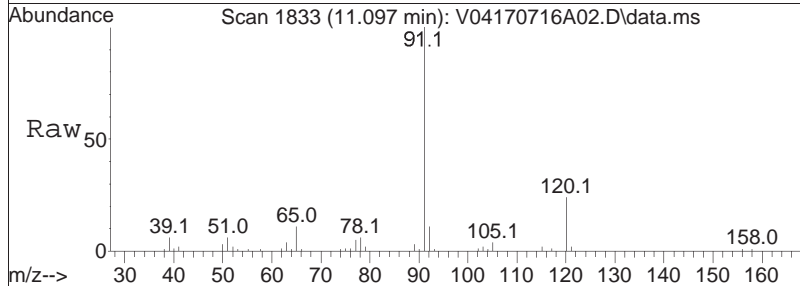
Tgt Ion	Resp	Lower	Upper
156	100		
158	97.5	78.2	117.4

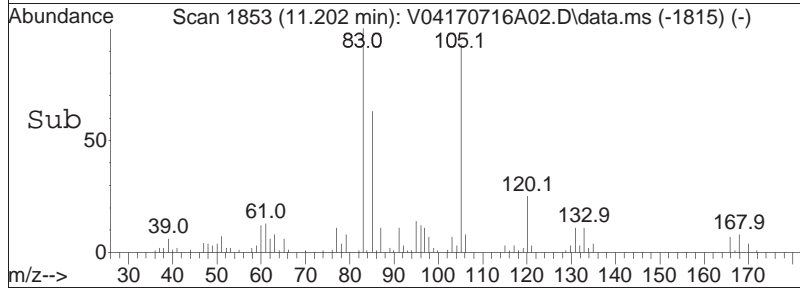
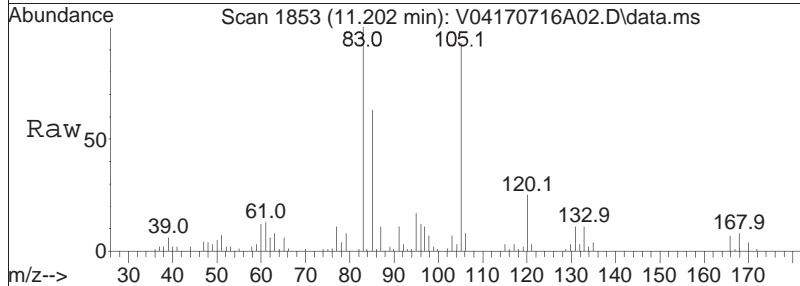
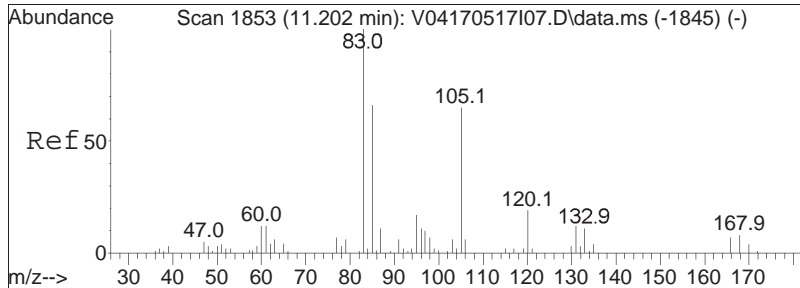




#85
 n-Propylbenzene
 Concen: 20.90 ug/L
 RT: 11.097 min Scan# 1833
 Delta R.T. 0.000 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

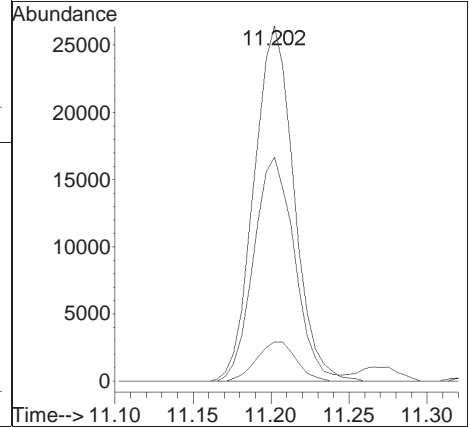
Tgt Ion: 91 Resp: 249703
 Ion Ratio Lower Upper
 91 100
 120 23.8 19.1 28.7

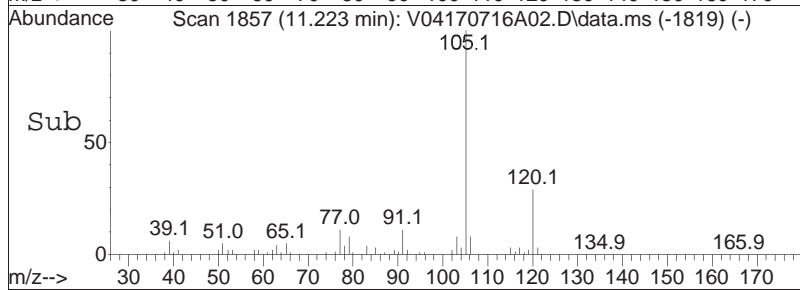
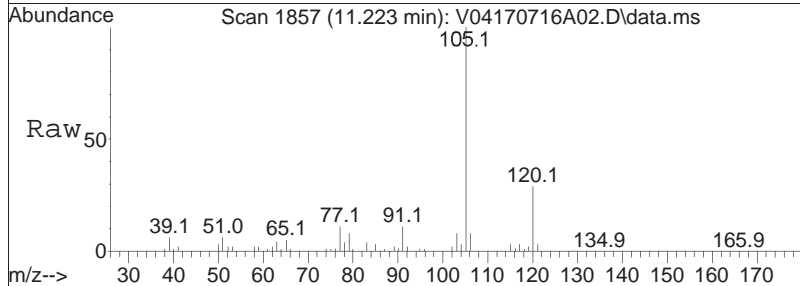
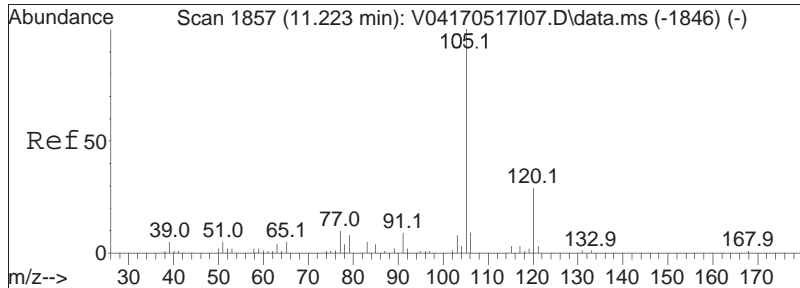




#87
 1,1,2,2-Tetrachloroethane
 Concen: 19.55 ug/L
 RT: 11.202 min Scan# 1853
 Delta R.T. 0.000 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

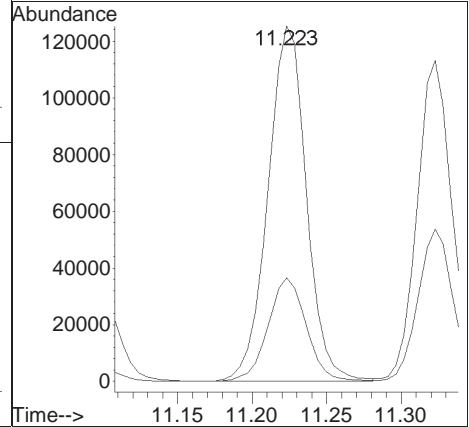
Tgt Ion:	83	Resp:	47005
Ion Ratio	100	Lower	Upper
83	100		
131	11.2	0.0	30.9
85	64.6	45.3	85.3

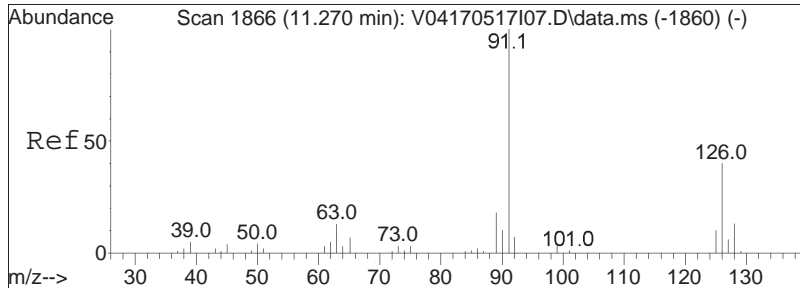




#88
 4-Ethyltoluene
 Concen: 21.67 ug/L
 RT: 11.223 min Scan# 1857
 Delta R.T. 0.000 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

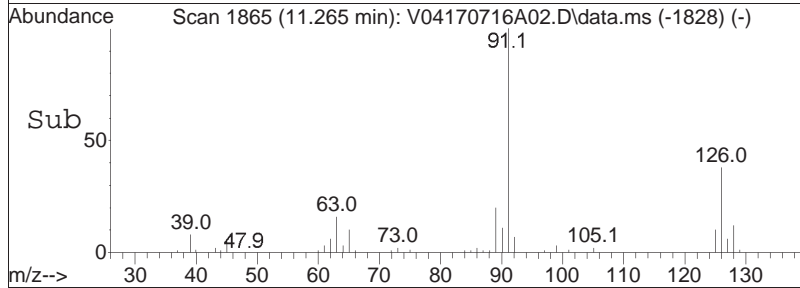
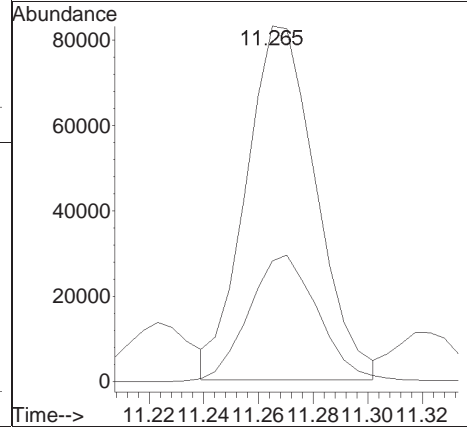
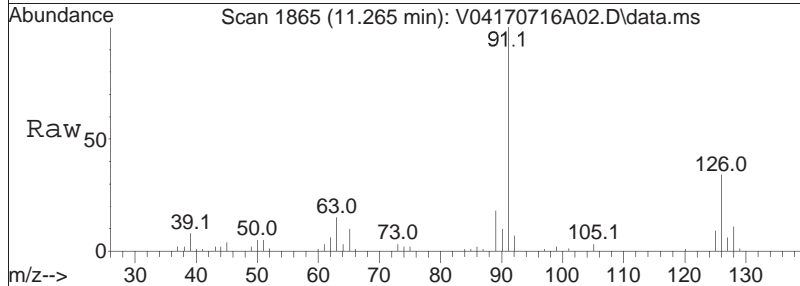
Tgt Ion	Resp	Lower	Upper
105	100		
120	29.0	19.5	40.5

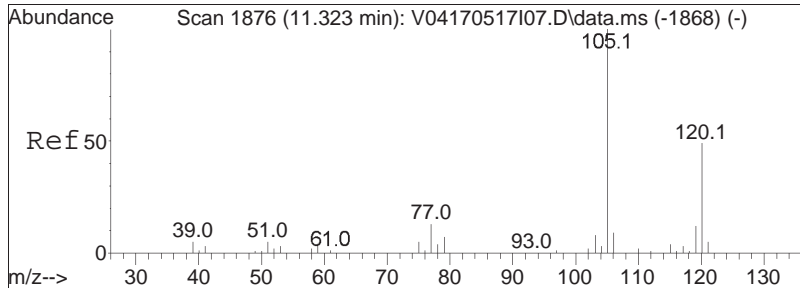




#89
 2-Chlorotoluene
 Concen: 20.33 ug/L
 RT: 11.265 min Scan# 1865
 Delta R.T. -0.005 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

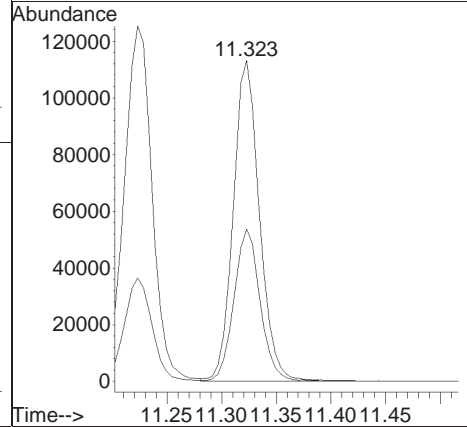
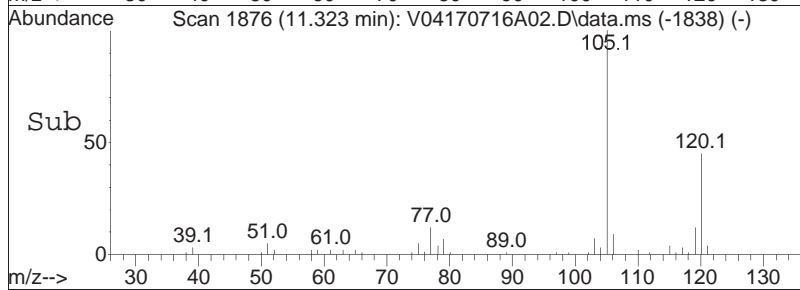
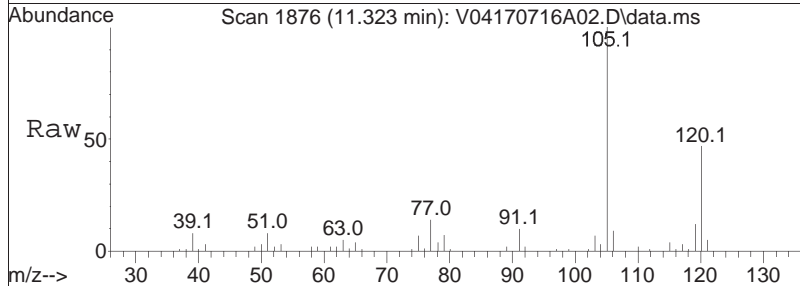
Tgt Ion:	Resp:		
Ion	Ratio	Lower	Upper
91	100		
126	35.6	29.4	44.0

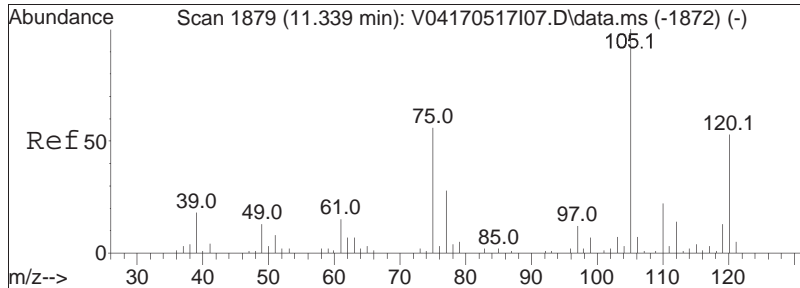




#90
 1,3,5-Trimethylbenzene
 Concen: 20.95 ug/L
 RT: 11.323 min Scan# 1876
 Delta R.T. -0.000 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

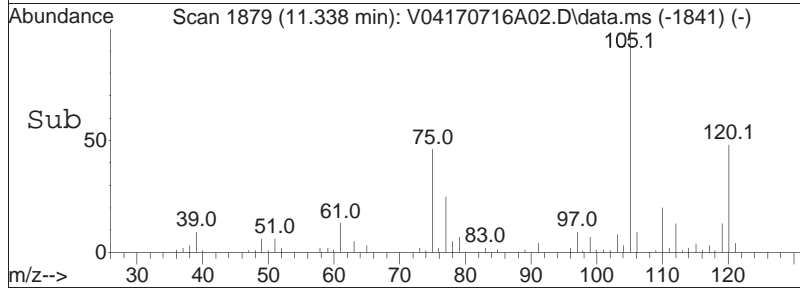
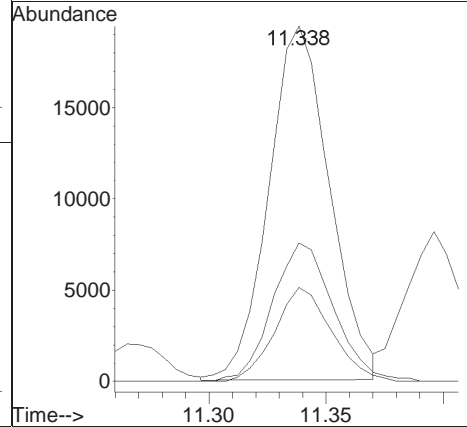
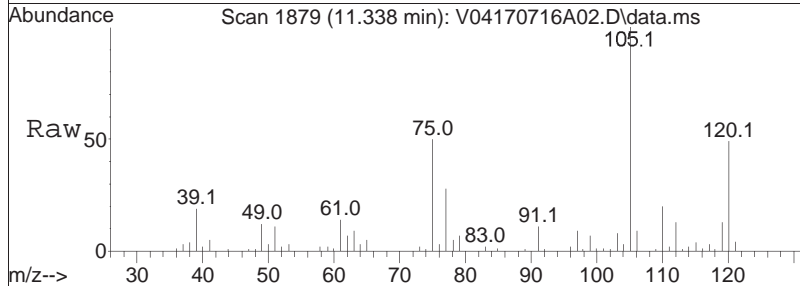
Tgt Ion	Resp	Lower	Upper
105	100		
120	47.6	38.9	58.3

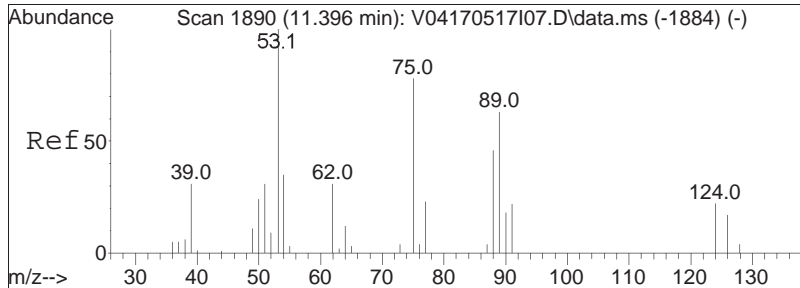




#91
 1,2,3-Trichloropropane
 Concen: 19.81 ug/L
 RT: 11.338 min Scan# 1879
 Delta R.T. -0.001 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

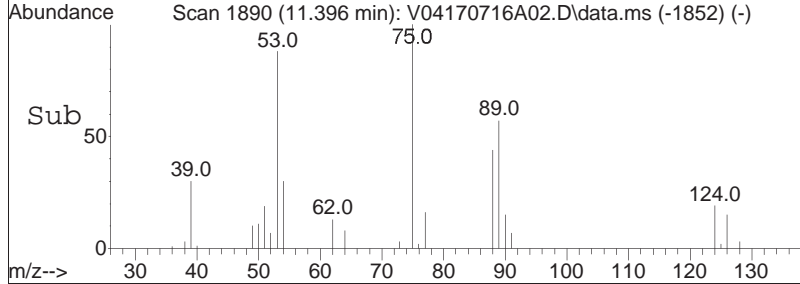
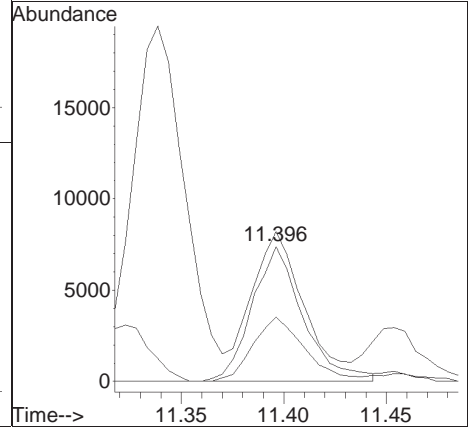
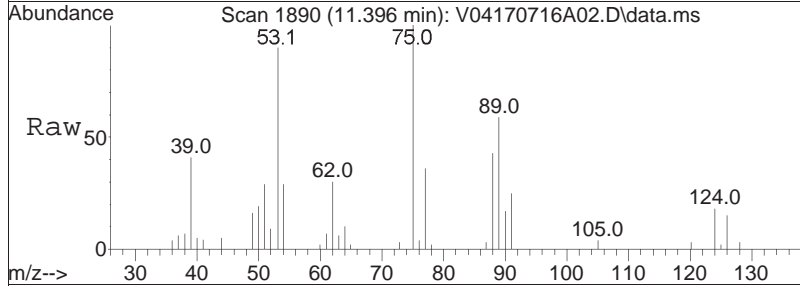
Tgt Ion:	Resp:		
Ion Ratio	Lower	Upper	
75	100		
110	39.3	23.7	49.3
112	24.9	15.0	31.2

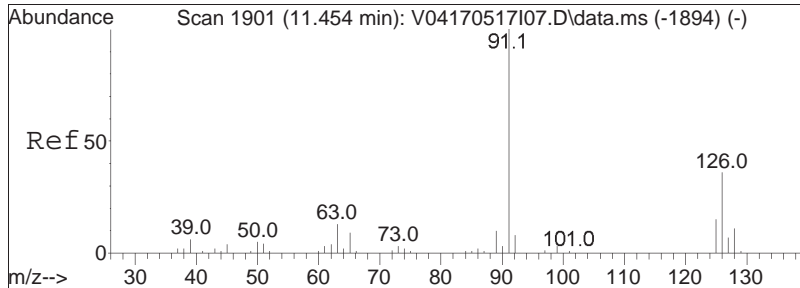




#92
 trans-1,4-Dichloro-2-butene
 Concen: 19.37 ug/L
 RT: 11.396 min Scan# 1890
 Delta R.T. 0.000 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

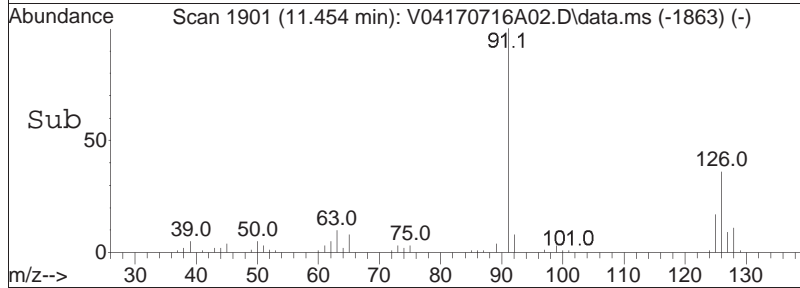
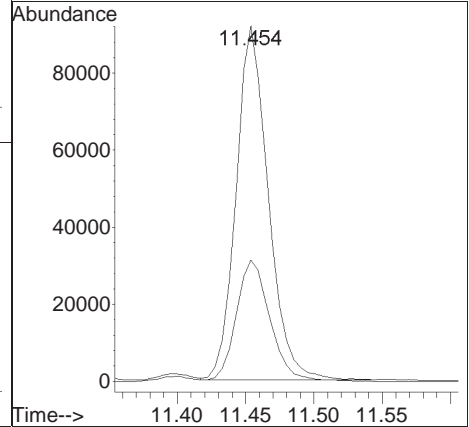
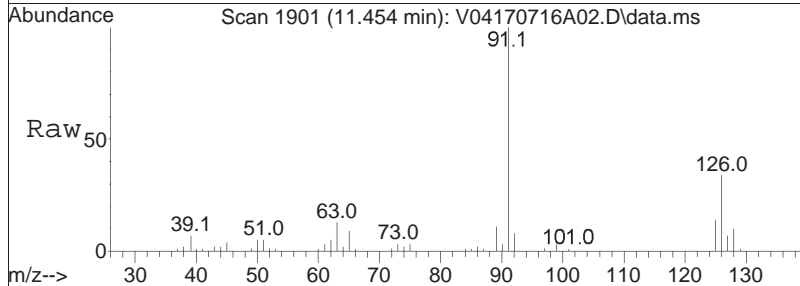
Tgt Ion	Resp	Lower	Upper
53	12832		
53	100		
88	48.3	33.1	49.7
75	110.8	89.1	133.7

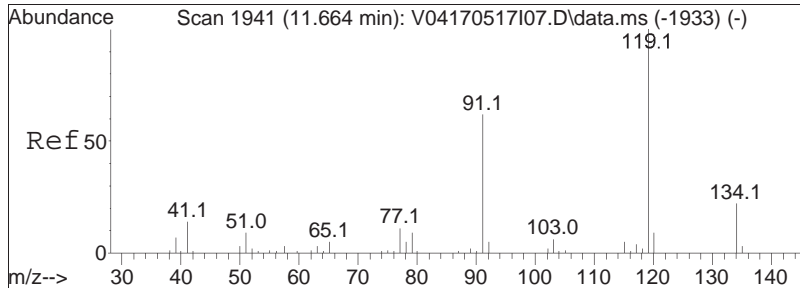




#93
 4-Chlorotoluene
 Concen: 20.58 ug/L
 RT: 11.454 min Scan# 1901
 Delta R.T. -0.000 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

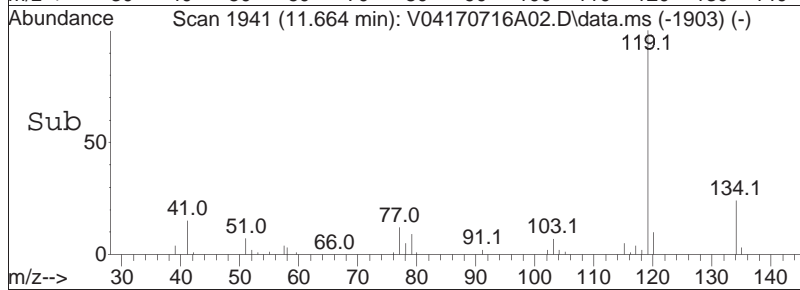
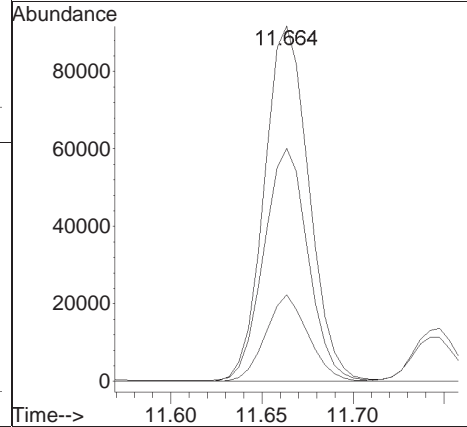
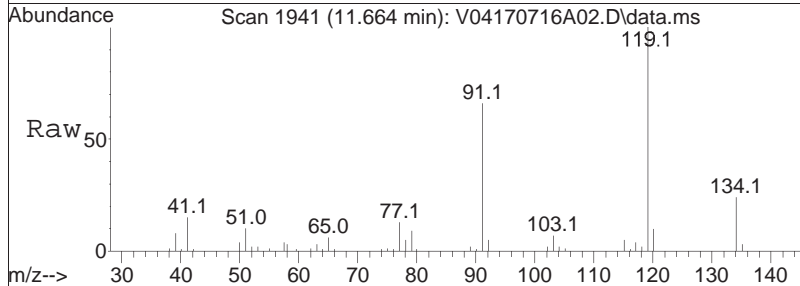
Tgt Ion: 91 Resp: 150429
 Ion Ratio Lower Upper
 91 100
 126 36.1 28.9 43.3

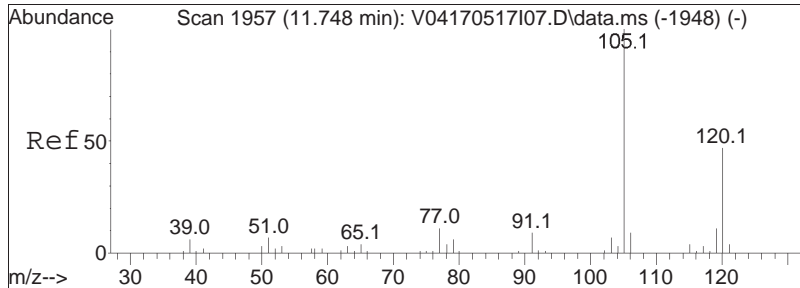




#94
 tert-Butylbenzene
 Concen: 20.67 ug/L
 RT: 11.664 min Scan# 1941
 Delta R.T. -0.000 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

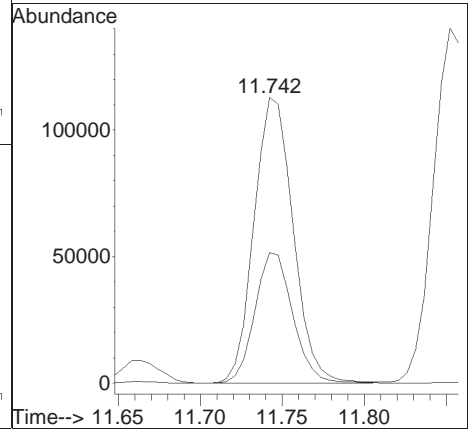
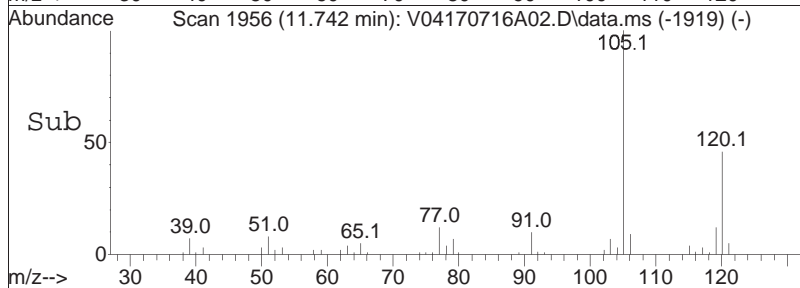
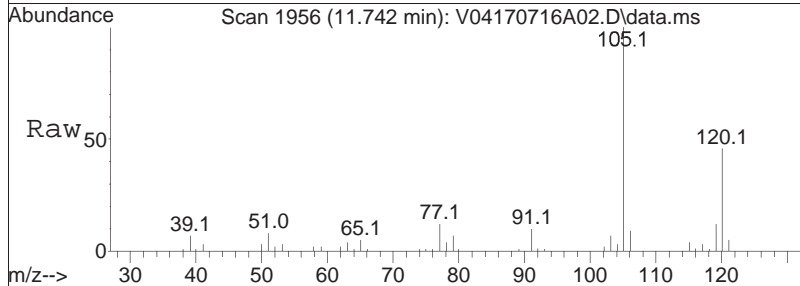
Tgt Ion	Ratio	Lower	Upper
119	100		
91	64.8	51.4	77.0
134	23.2	19.8	29.6

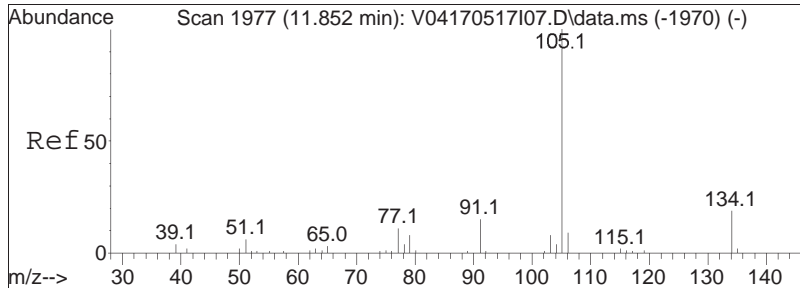




#97
 1,2,4-Trimethylbenzene
 Concen: 20.87 ug/L
 RT: 11.742 min Scan# 1956
 Delta R.T. -0.006 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

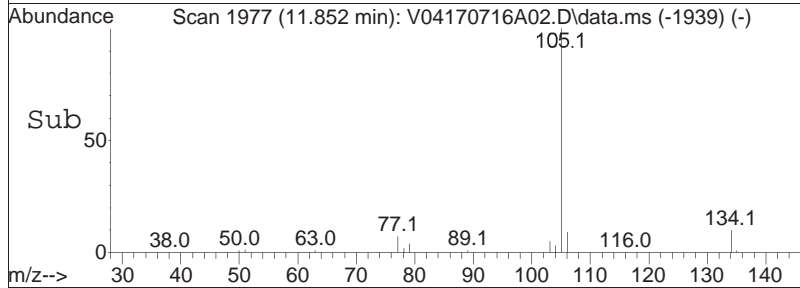
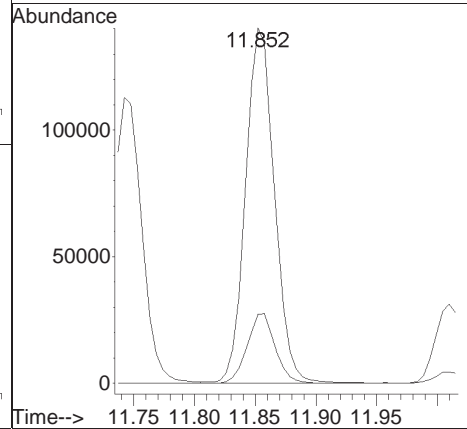
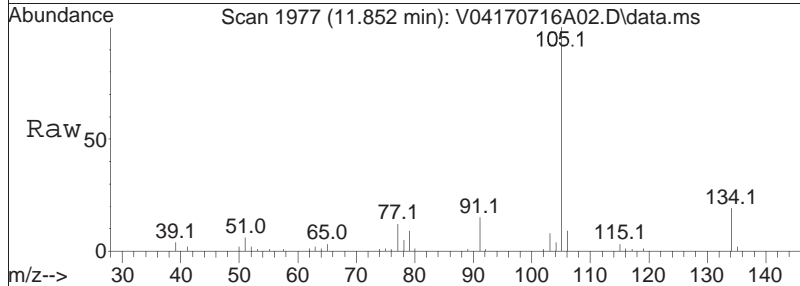
Tgt Ion:	105	Resp:	188027
Ion Ratio	Lower	Upper	
105	100		
120	44.4	36.8	55.2

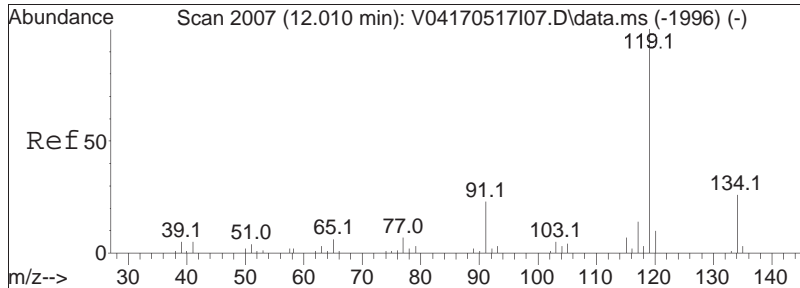




#98
 sec-Butylbenzene
 Concen: 20.57 ug/L
 RT: 11.852 min Scan# 1977
 Delta R.T. 0.000 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

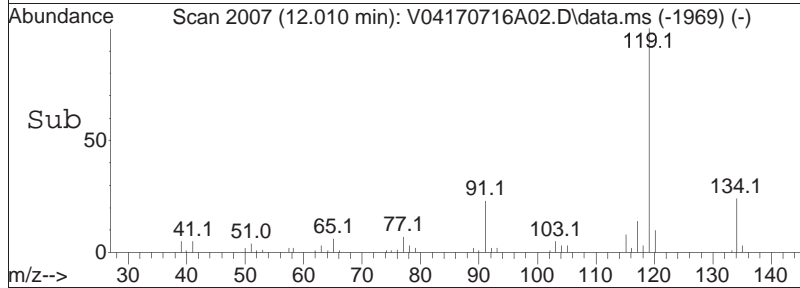
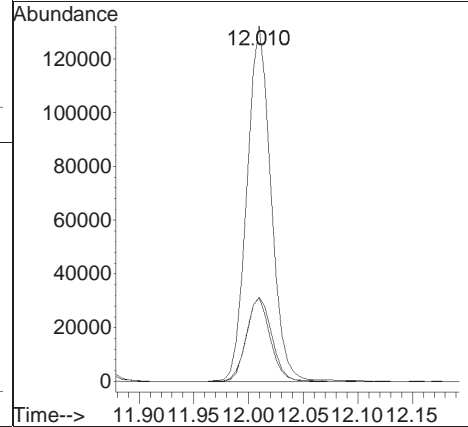
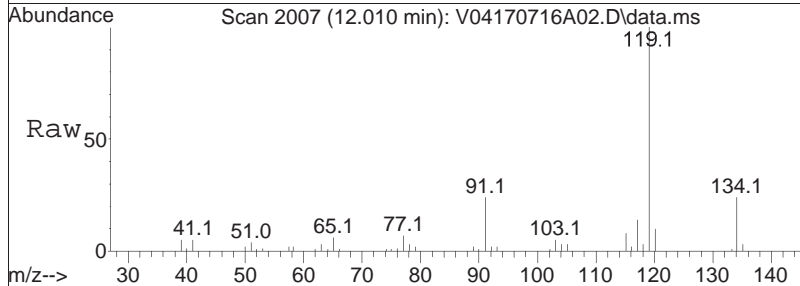
Tgt Ion	Resp	Lower	Upper
105	100		
134	19.1	12.9	26.9

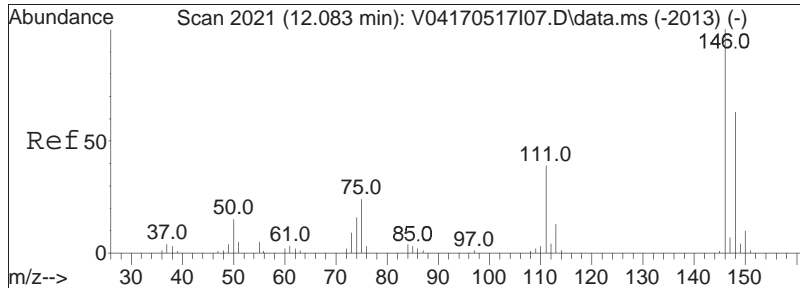




#99
 p-Isopropyltoluene
 Concen: 20.91 ug/L
 RT: 12.010 min Scan# 2007
 Delta R.T. -0.000 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

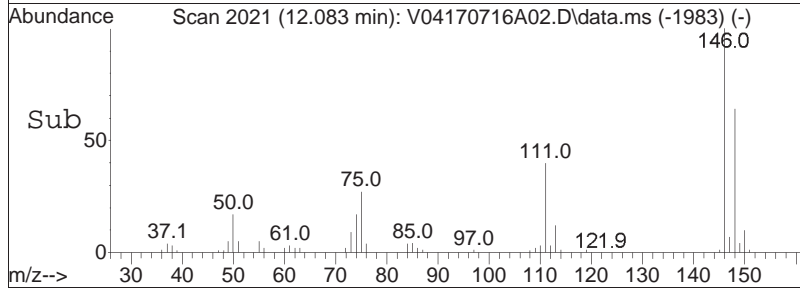
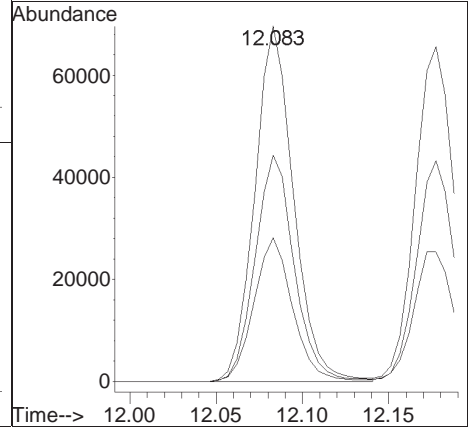
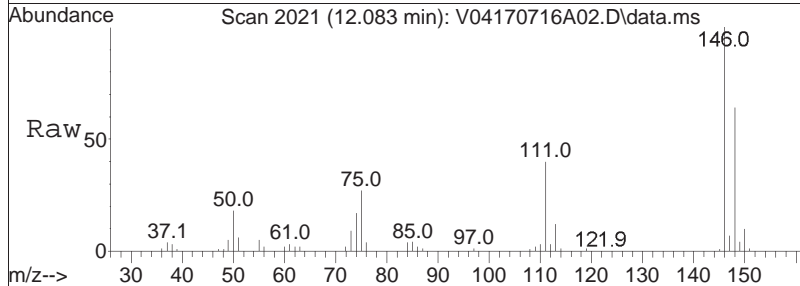
Tgt Ion	Resp	Lower	Upper
119	100		
134	24.7	17.2	35.8
91	23.3	14.4	30.0

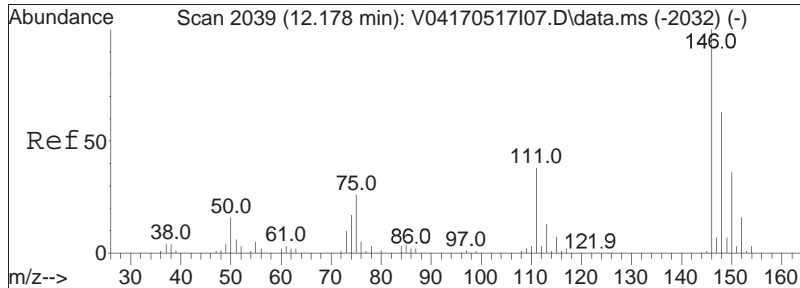




#100
 1,3-Dichlorobenzene
 Concen: 20.03 ug/L
 RT: 12.083 min Scan# 2021
 Delta R.T. -0.000 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

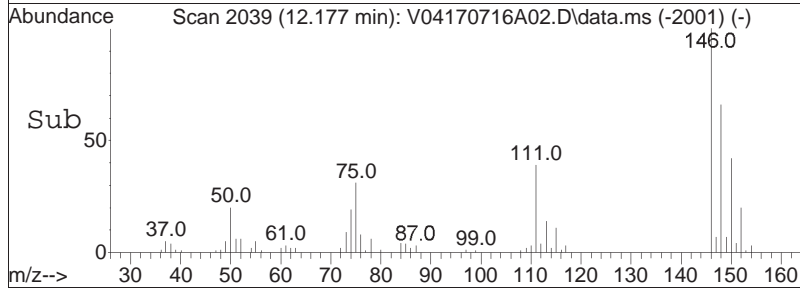
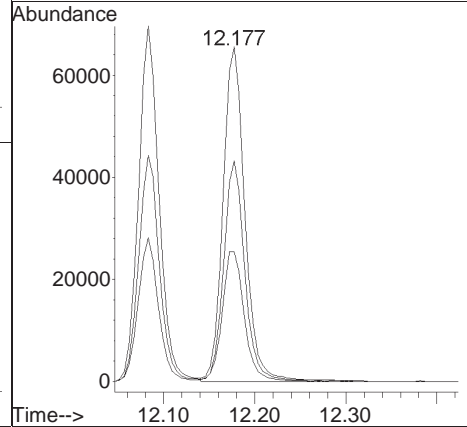
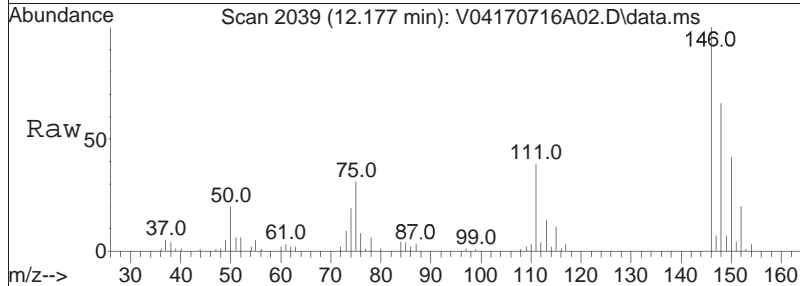
Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.3	24.8	51.6
148	64.1	41.2	85.6

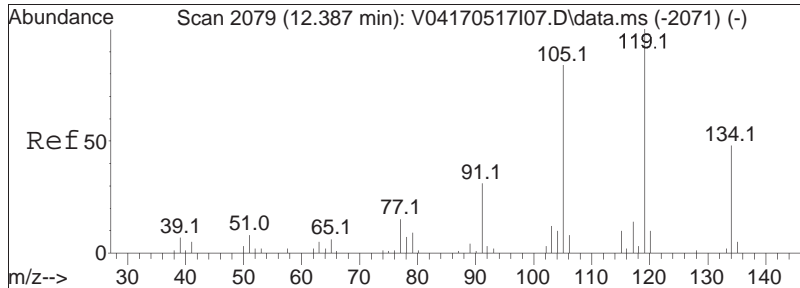




#101
 1,4-Dichlorobenzene
 Concen: 19.82 ug/L
 RT: 12.177 min Scan# 2039
 Delta R.T. -0.001 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

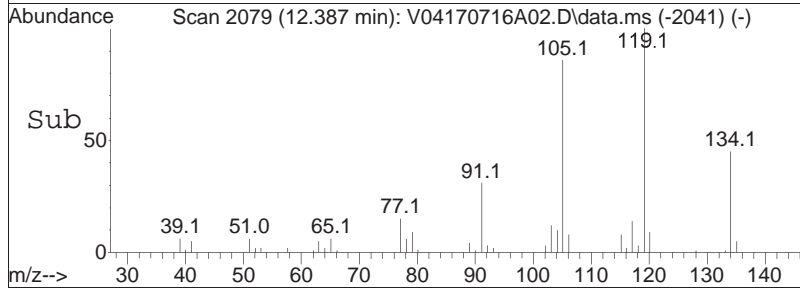
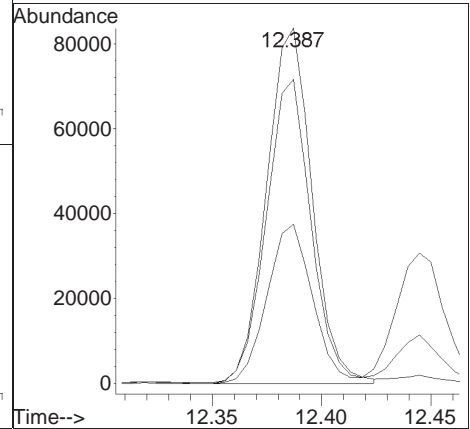
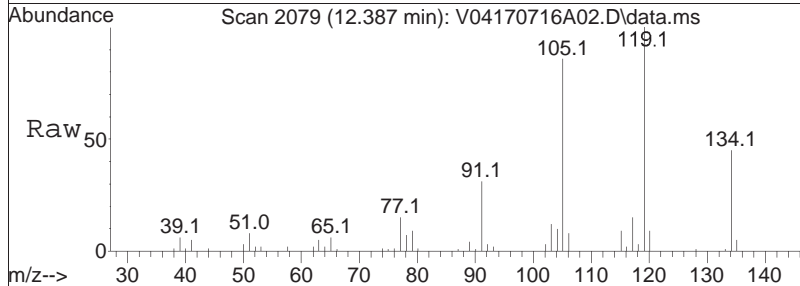
Tgt Ion	Resp	Lower	Upper
146	109635		
111	39.3	30.6	45.8
148	63.5	51.0	76.4

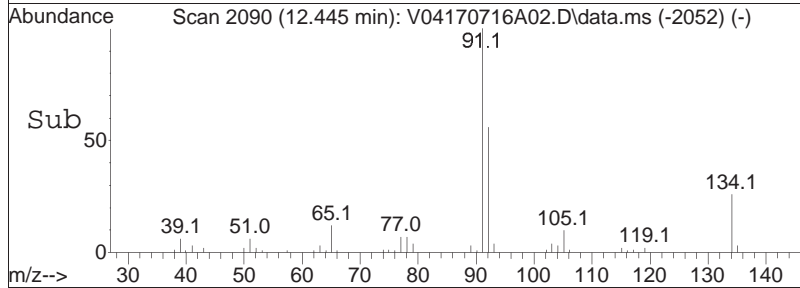
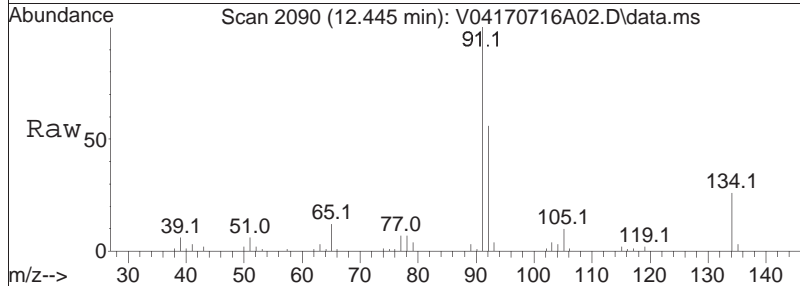
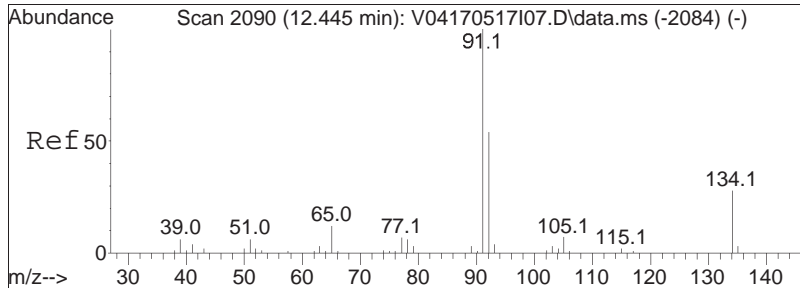




#102
 p-Diethylbenzene
 Concen: 21.33 ug/L
 RT: 12.387 min Scan# 2079
 Delta R.T. 0.000 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

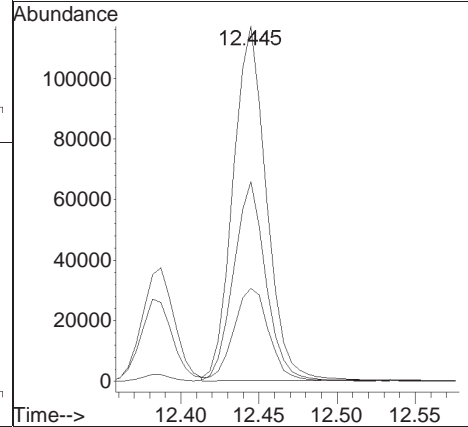
Tgt Ion	Ratio	Lower	Upper
119	100		
105	83.8	55.3	114.8
134	44.6	30.7	63.9

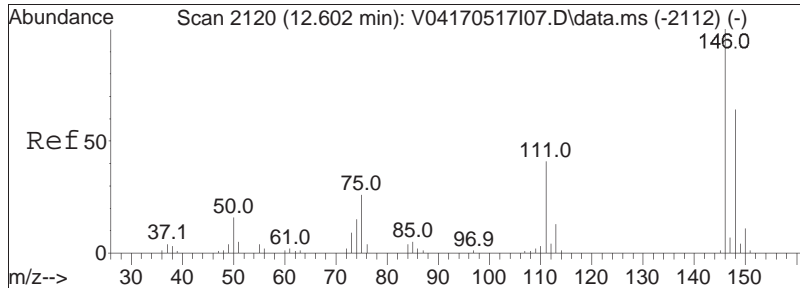




#103
 n-Butylbenzene
 Concen: 20.58 ug/L
 RT: 12.445 min Scan# 2090
 Delta R.T. -0.000 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

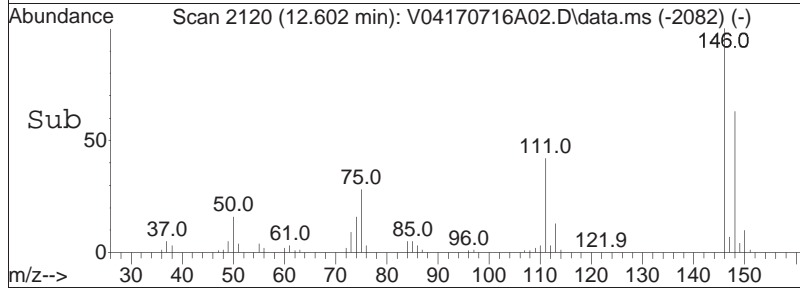
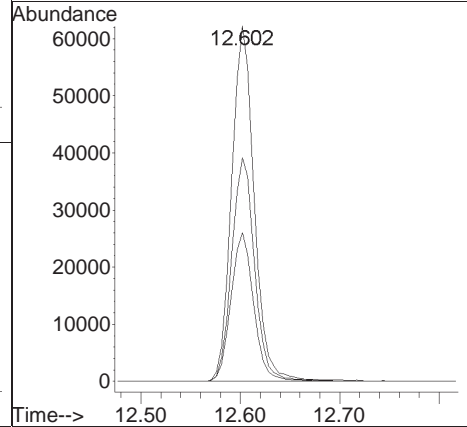
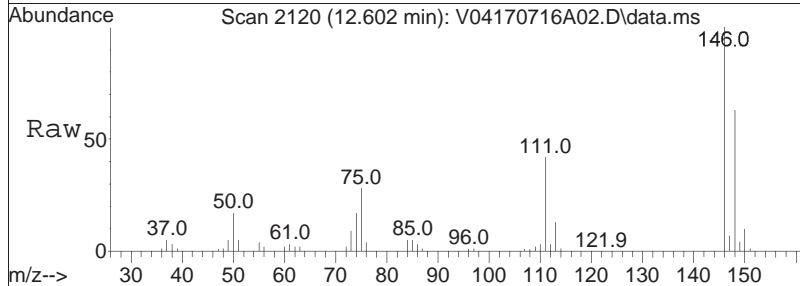
Tgt Ion:	91	92	134	Resp:	173851	Lower	Upper
Ion Ratio	100	54.7	27.8			45.0	67.4
						23.4	35.0

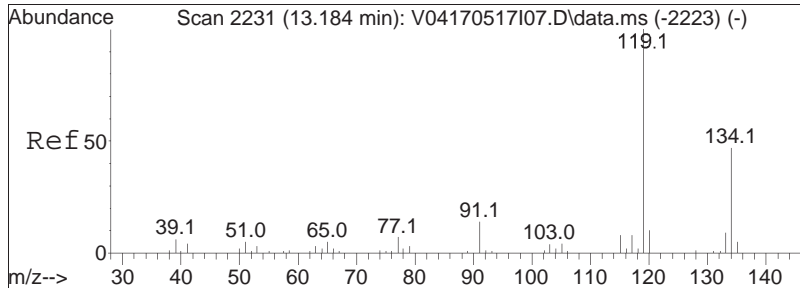




#104
 1,2-Dichlorobenzene
 Concen: 19.54 ug/L
 RT: 12.602 min Scan# 2120
 Delta R.T. 0.000 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

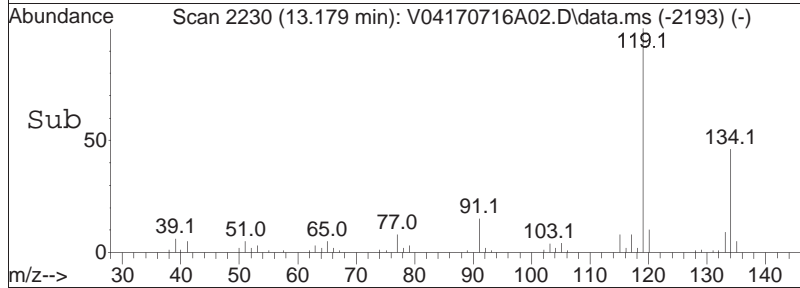
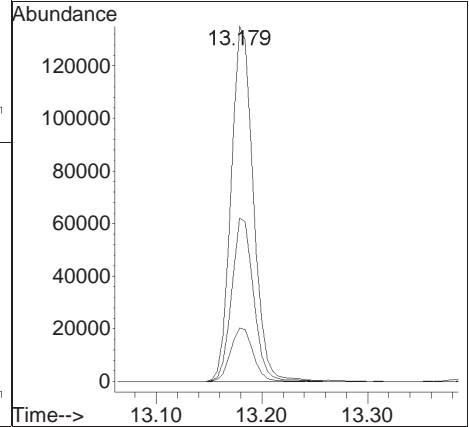
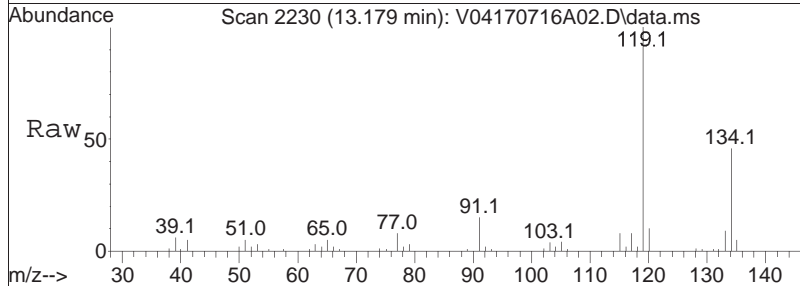
Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.8	25.9	53.7
148	63.6	41.5	86.1

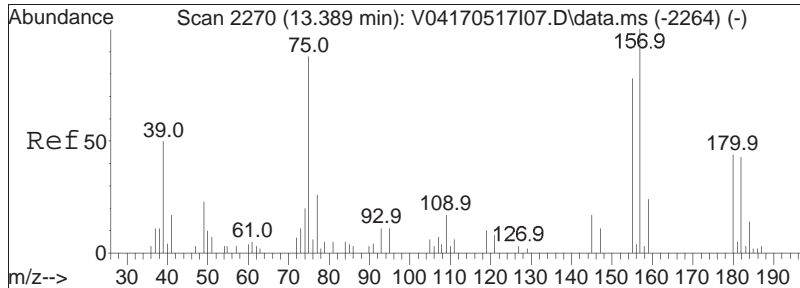




#105
 1,2,4,5-Tetramethylbenzene
 Concen: 21.21 ug/L
 RT: 13.179 min Scan# 2230
 Delta R.T. -0.005 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

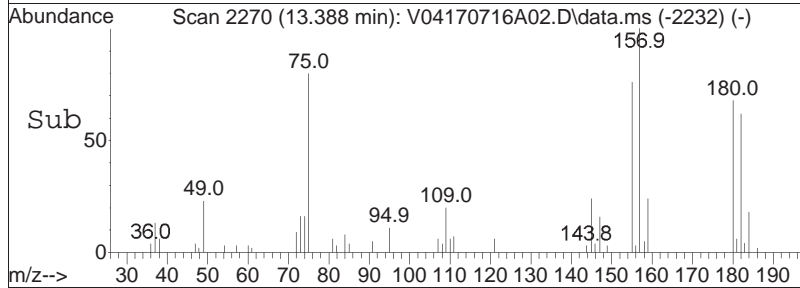
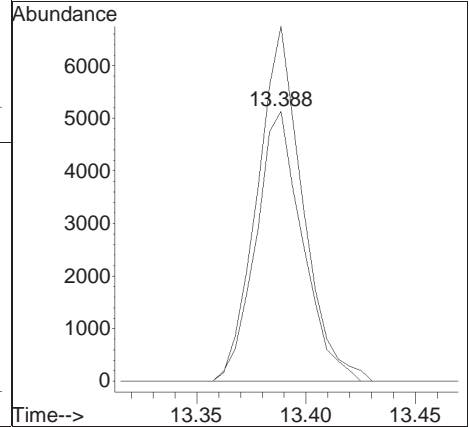
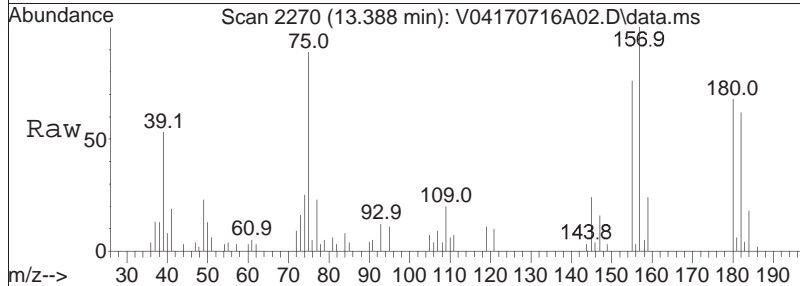
Tgt Ion	Ratio	Lower	Upper
119	100		
134	45.4	31.6	65.6
91	15.3	9.8	20.3

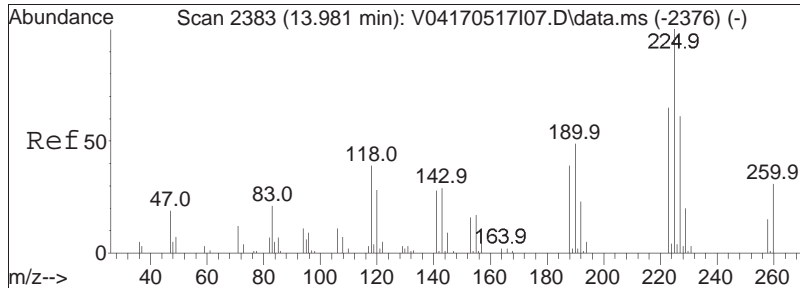




#106
 1,2-Dibromo-3-chloropropane
 Concen: 18.39 ug/L
 RT: 13.388 min Scan# 2270
 Delta R.T. -0.001 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

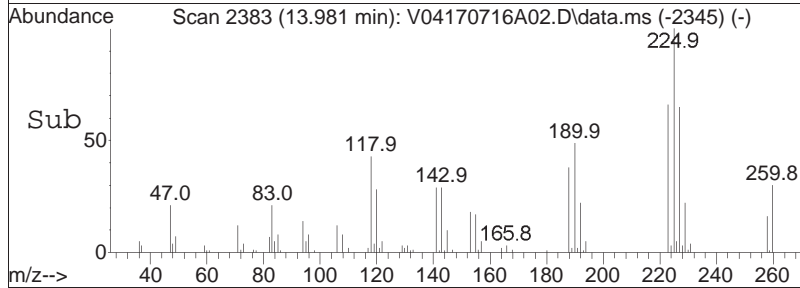
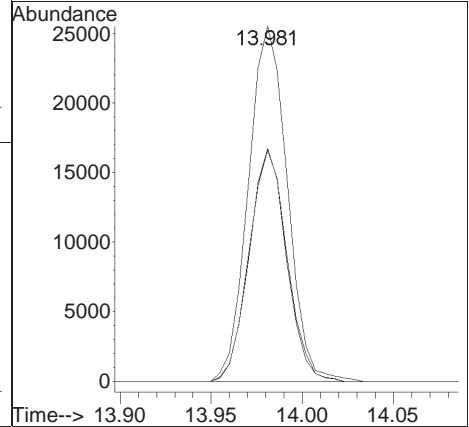
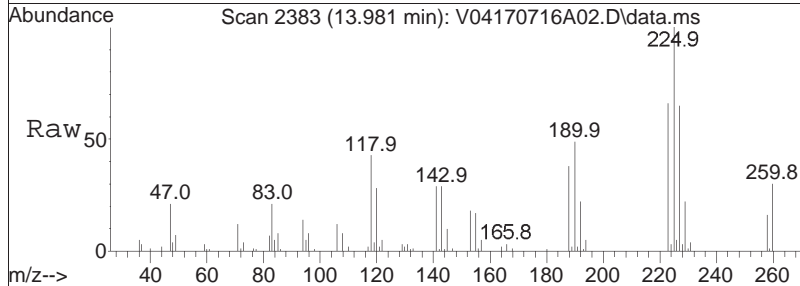
Tgt Ion	Resp	Lower	Upper
155	100		
157	127.6	104.3	156.5

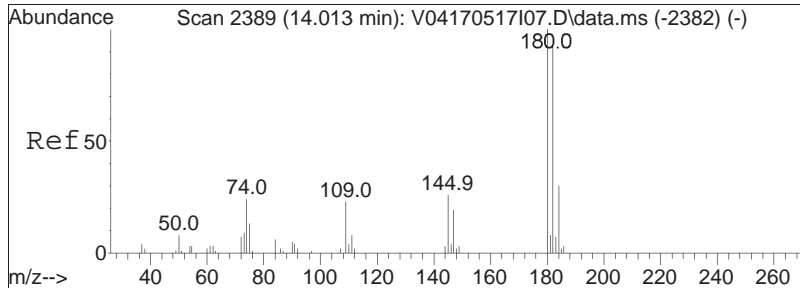




#108
 Hexachlorobutadiene
 Concen: 20.05 ug/L
 RT: 13.981 min Scan# 2383
 Delta R.T. -0.000 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

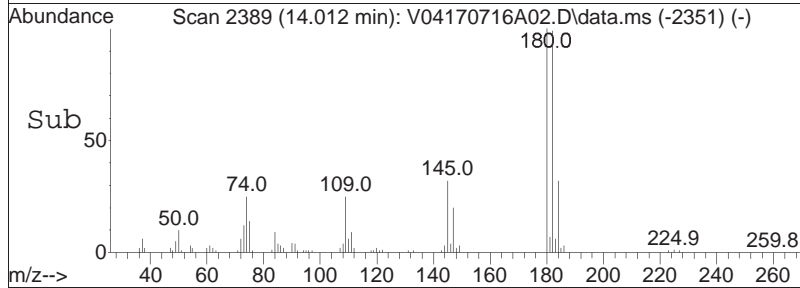
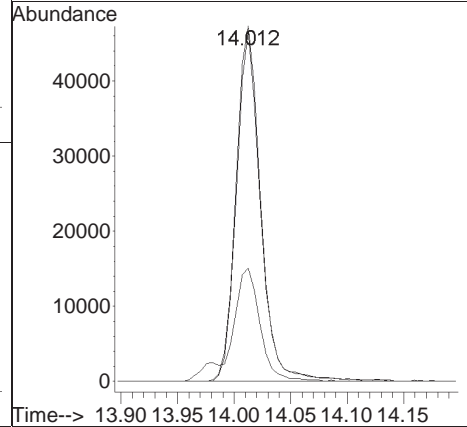
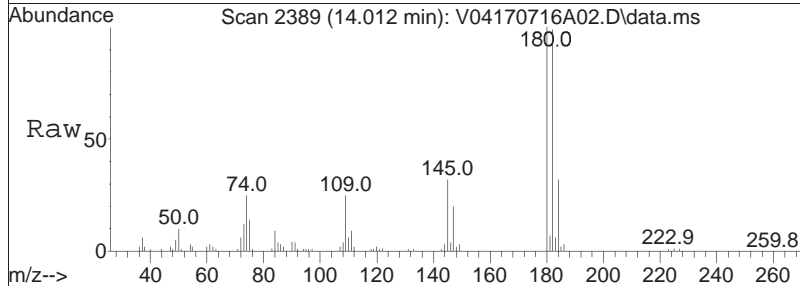
Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.2	75.2
227	63.5	51.0	76.6

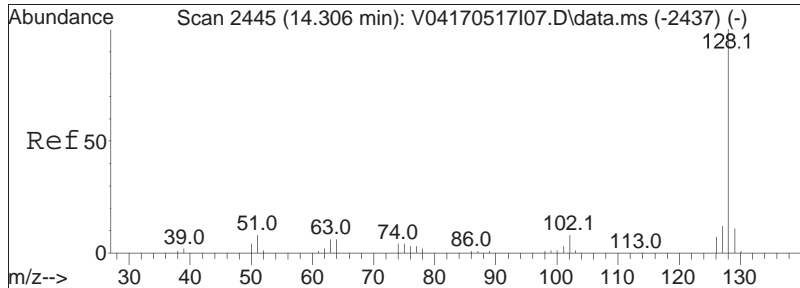




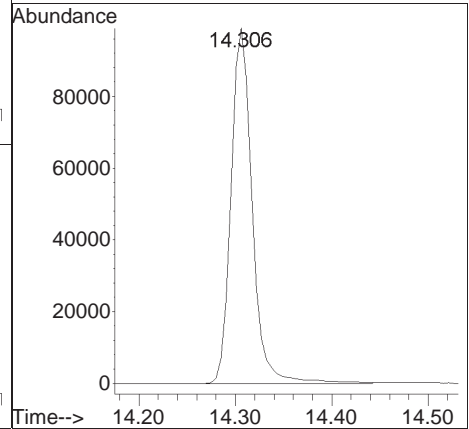
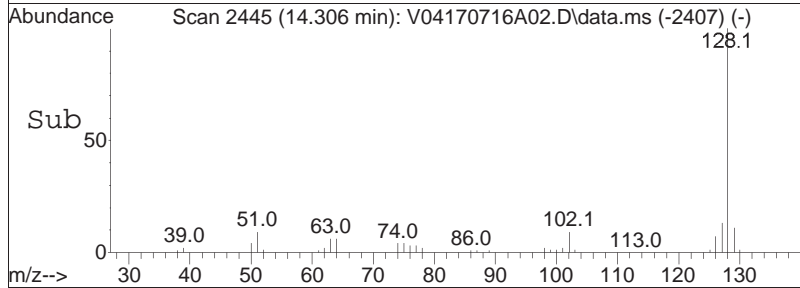
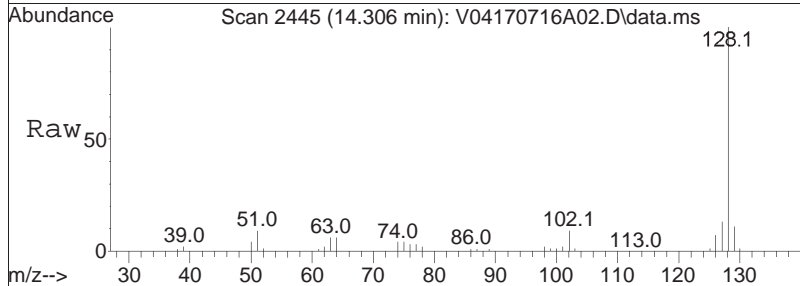
#109
 1,2,4-Trichlorobenzene
 Concen: 19.39 ug/L
 RT: 14.012 min Scan# 2389
 Delta R.T. -0.001 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

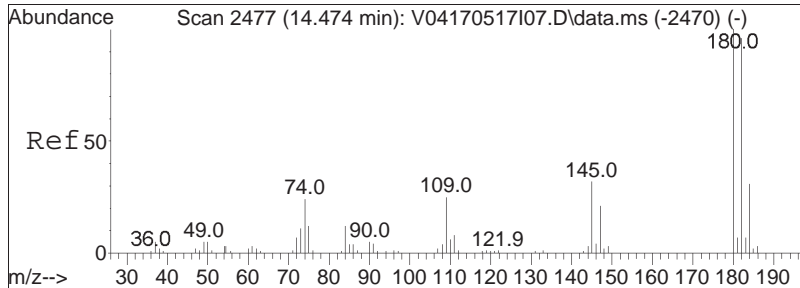
Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	76.2	114.4
145	36.7	26.6	39.8





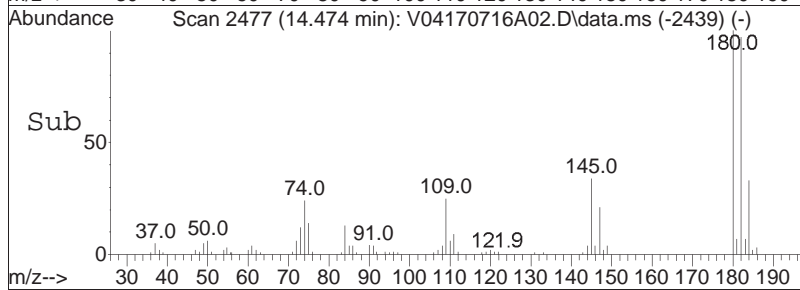
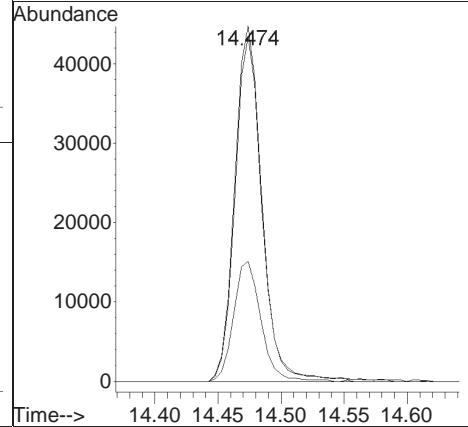
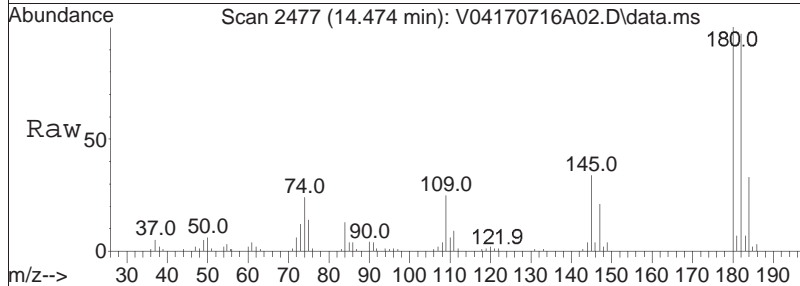
#110
Naphthalene
Concen: 18.89 ug/L
RT: 14.306 min Scan# 2445
Delta R.T. 0.000 min
Lab File: V04170716A02.D
Acq: 16 Jul 2017 8:26
Tgt Ion:128 Resp: 151431





#111
 1,2,3-Trichlorobenzene
 Concen: 19.56 ug/L
 RT: 14.474 min Scan# 2477
 Delta R.T. -0.000 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

Tgt Ion	Resp	Lower	Upper
180	100		
182	95.9	76.9	115.3
145	33.7	24.3	36.5



Manual Integration Report

Data Path : I:\VOLATILES\VOA104\2017\1QMethod : V104_170517_8260.m
Data File : V04170716A02.D Operator : VOA104:CBN
Date Inj'd : 7/16/2017 8:26 Instrument : VOA 104
Sample : WG1023153-4,31,5,5 Quant Date : 7/16/2017 11:49 am

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA104\2017\170716A\
 Data File : V04170716A02.D
 Acq On : 16 Jul 2017 8:26
 Operator : VOA104:CBN
 Sample : WG1023156-4,31h,15,15,0.1
 Misc : WG1023156,ICAL13672
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 16 11:49:27 2017
 Quant Method : I:\VOLATILES\VOA104\2017\170716A\V104_170517_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 18 06:45:13 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA104\2017\170716A\V04170716A01.D
 Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Fluorobenzene	5.922	96	166818	20.000	ug/L	0.00
Standard Area 1 = 169470			Recovery =	98.44%		
59) Chlorobenzene-d5	9.440	117	129811	20.000	ug/L	0.00
Standard Area 1 = 130956			Recovery =	99.13%		
79) 1,4-Dichlorobenzene-d4	12.162	152	65206	20.000	ug/L	0.00
Standard Area 1 = 64627			Recovery =	100.90%		
System Monitoring Compounds						
36) Dibromofluoromethane	5.125	113	46718	19.901	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery =	99.50%		
43) 1,2-Dichloroethane-d4	5.645	65	45679	21.235	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery =	106.18%		
60) Toluene-d8	7.600	98	163182	21.610	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery =	108.05%		
83) 4-Bromofluorobenzene	10.945	95	60696	21.189	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery =	105.94%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.628	85	42736	18.480	ug/L	98
3) Chloromethane	1.817	50	65193	17.608	ug/L	99
4) Vinyl chloride	1.885	62	53785	19.712	ug/L	97
5) Bromomethane	2.189	94	29355	17.703	ug/L	99
6) Chloroethane	2.305	64	26695	17.387	ug/L	93
7) Trichlorofluoromethane	2.436	101	65974	18.722	ug/L	99
8) Ethyl ether	2.724	74	21087	18.029	ug/L	87
10) 1,1-Dichloroethene	2.908	96	34726	15.439	ug/L	96
11) Carbon disulfide	2.934	76	121071	12.333	ug/L	98
15) Methylene chloride	3.458	84	49954	17.924	ug/L	98
17) Acetone	3.511	43	11227	19.928	ug/L	97
18) trans-1,2-Dichloroethene	3.600	96	46181	18.223	ug/L	88
20) Methyl tert-butyl ether	3.694	73	83741	12.380	ug/L	96
23) 1,1-Dichloroethane	4.176	63	95681	18.985	ug/L	99
25) Acrylonitrile	4.239	53	15598	20.291	ug/L	97
27) Vinyl acetate	4.412	43	104037	19.455	ug/L	100
28) cis-1,2-Dichloroethene	4.690	96	51083	18.344	ug/L	88
29) 2,2-Dichloropropane	4.785	77	71576	19.358	ug/L	99
30) Bromochloromethane	4.879	128	25127	17.971	ug/L	95
32) Chloroform	4.952	83	87209	19.091	ug/L	99

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA104\2017\170716A\
 Data File : V04170716A02.D
 Acq On : 16 Jul 2017 8:26
 Operator : VOA104:CBN
 Sample : WG1023156-4,31h,15,15,0.1
 Misc : WG1023156,ICAL13672
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 16 11:49:27 2017
 Quant Method : I:\VOLATILES\VOA104\2017\170716A\V104_170517_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 18 06:45:13 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA104\2017\170716A\V04170716A01.D
 Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Carbon tetrachloride	5.068	117	69602	20.881	ug/L	99
37) 1,1,1-Trichloroethane	5.141	97	77078	19.843	ug/L	96
39) 2-Butanone	5.257	43	17010	17.394	ug/L	96
40) 1,1-Dichloropropene	5.262	75	61865	19.344	ug/L	99
41) Benzene	5.503	78	181024	18.943	ug/L	99
44) 1,2-Dichloroethane	5.718	62	68690	19.814	ug/L	100
48) Trichloroethene	6.095	95	50707	19.534	ug/L	98
50) Dibromomethane	6.541	93	28492	18.573	ug/L	97
51) 1,2-Dichloropropane	6.641	63	54234	19.567	ug/L #	93
54) Bromodichloromethane	6.714	83	68505	20.081	ug/L	99
57) 1,4-Dioxane	6.929	88	22169	1026.762	ug/L	90
58) cis-1,3-Dichloropropene	7.401	75	76491	18.434	ug/L	100
61) Toluene	7.653	92	112018	19.854	ug/L	99
62) 4-Methyl-2-pentanone	8.098	58	17218	20.622	ug/L	91
63) Tetrachloroethene	8.098	166	54672	19.831	ug/L	97
65) trans-1,3-Dichloropropene	8.151	75	66297	20.415	ug/L	99
68) 1,1,2-Trichloroethane	8.334	83	33496	19.734	ug/L	97
69) Chlorodibromomethane	8.544	129	53319	19.600	ug/L	99
70) 1,3-Dichloropropane	8.654	76	64701	19.699	ug/L	98
71) 1,2-Dibromoethane	8.817	107	43176	19.734	ug/L	99
72) 2-Hexanone	9.110	43	27946	20.418	ug/L	91
73) Chlorobenzene	9.461	112	134627	19.465	ug/L	100
74) Ethylbenzene	9.493	91	216127	19.927	ug/L	100
75) 1,1,1,2-Tetrachloroethane	9.545	131	50991	19.513	ug/L	98
76) p/m Xylene	9.682	106	172357	39.242	ug/L	97
77) o Xylene	10.227	106	161873	38.665	ug/L	99
78) Styrene	10.295	104	272632	38.995	ug/L	98
80) Bromoform	10.327	173	32283	19.399	ug/L	99
82) Isopropylbenzene	10.610	105	221348	20.563	ug/L	99
84) Bromobenzene	11.055	156	58741	19.801	ug/L	100
85) n-Propylbenzene	11.097	91	249703	20.904	ug/L	100
87) 1,1,2,2-Tetrachloroethane	11.202	83	47005	19.545	ug/L	99
88) 4-Ethyltoluene	11.223	105	224775	21.667	ug/L	98
89) 2-Chlorotoluene	11.265	91	147570	20.333	ug/L	98
90) 1,3,5-Trimethylbenzene	11.323	105	188878	20.950	ug/L	98
91) 1,2,3-Trichloropropane	11.338	75	35043	19.809	ug/L	96
92) trans-1,4-Dichloro-2-b...	11.396	53	12832	19.367	ug/L	97
93) 4-Chlorotoluene	11.454	91	150429	20.581	ug/L	100
94) tert-Butylbenzene	11.664	119	156624	20.673	ug/L	99

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA104\2017\170716A\
 Data File : V04170716A02.D
 Acq On : 16 Jul 2017 8:26
 Operator : VOA104:CBN
 Sample : WG1023156-4,31h,15,15,0.1
 Misc : WG1023156,ICAL13672
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 16 11:49:27 2017
 Quant Method : I:\VOLATILES\VOA104\2017\170716A\V104_170517_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 18 06:45:13 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA104\2017\170716A\V04170716A01.D
 Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97) 1,2,4-Trimethylbenzene	11.742	105	188027	20.874	ug/L	98
98) sec-Butylbenzene	11.852	105	231538	20.568	ug/L	98
99) p-Isopropyltoluene	12.010	119	202512	20.906	ug/L	97
100) 1,3-Dichlorobenzene	12.083	146	108724	20.028	ug/L	98
101) 1,4-Dichlorobenzene	12.177	146	109635	19.824	ug/L	99
102) p-Diethylbenzene	12.387	119	121097	21.335	ug/L	98
103) n-Butylbenzene	12.445	91	173851	20.584	ug/L	98
104) 1,2-Dichlorobenzene	12.602	146	98681	19.543	ug/L	99
105) 1,2,4,5-Tetramethylben...	13.179	119	197132	21.213	ug/L	96
106) 1,2-Dibromo-3-chloropr...	13.388	155	7611	18.392	ug/L	98
108) Hexachlorobutadiene	13.981	225	37883	20.053	ug/L	100
109) 1,2,4-Trichlorobenzene	14.012	180	72317	19.392	ug/L	98
110) Naphthalene	14.306	128	151431	18.886	ug/L	100
111) 1,2,3-Trichlorobenzene	14.474	180	67561	19.557	ug/L	98

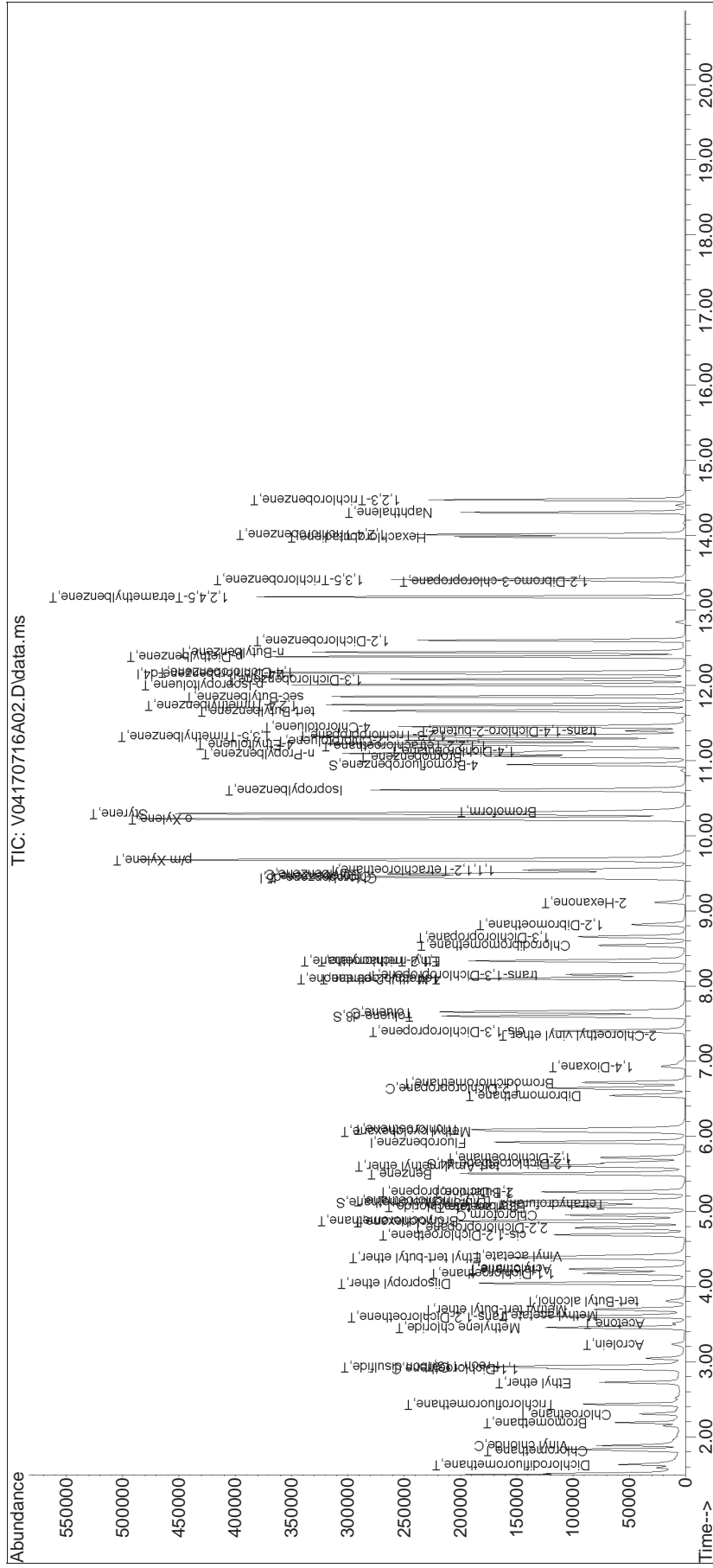
(#) = qualifier out of range (m) = manual integration (+) = signals summed

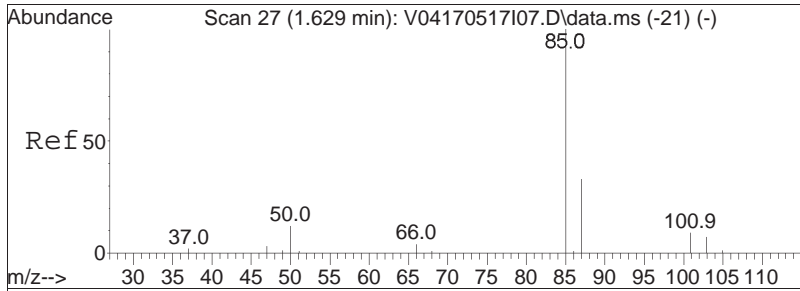
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA104\2017\170716A\
 Data File : V04170716A02.D
 Acq On : 16 Jul 2017 8:26
 Operator : VOA104:CBN
 Sample : WG1023156-4,31h,15,15,0.1
 Misc : WG1023156,ICAL13672
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 16 11:49:27 2017
 Quant Method : I:\VOLATILES\VOA104\2017\170716A\V104_170517_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu May 18 06:45:13 2017
 Response via : Initial Calibration

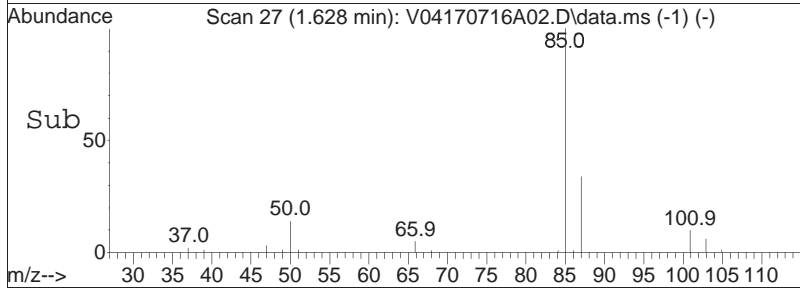
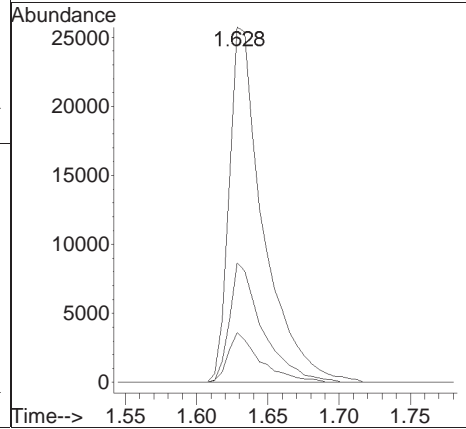
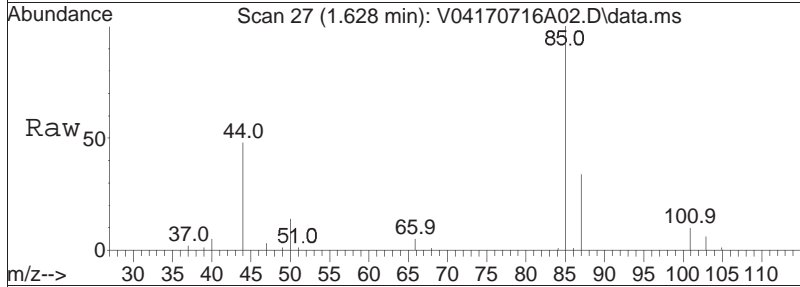
Sub List : 8260-CurveSoil - Megamix plus Diox6A\V04170716A01.D•

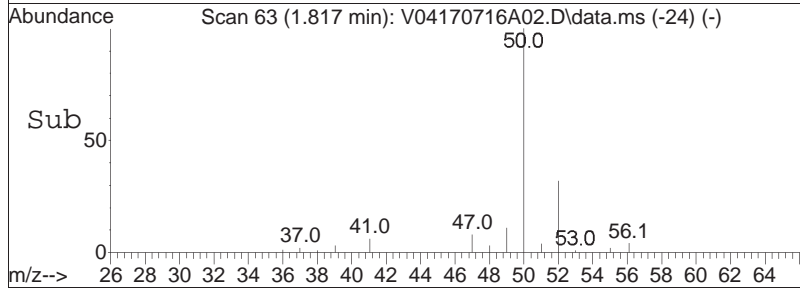
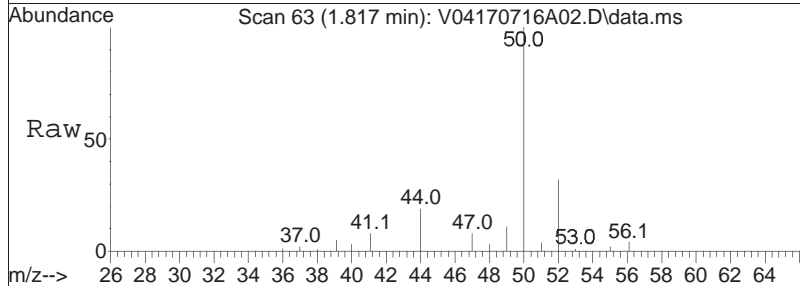
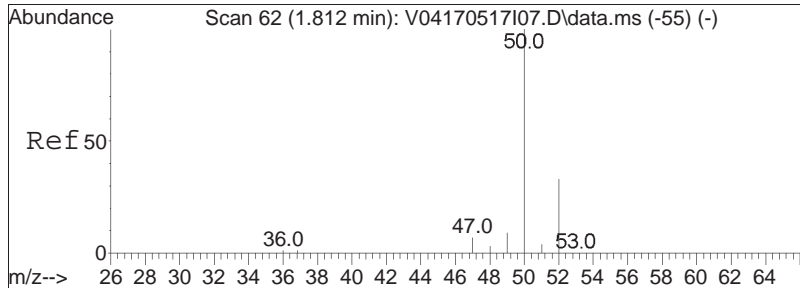




#2
 Dichlorodifluoromethane
 Concen: 18.48 ug/L
 RT: 1.628 min Scan# 27
 Delta R.T. -0.001 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

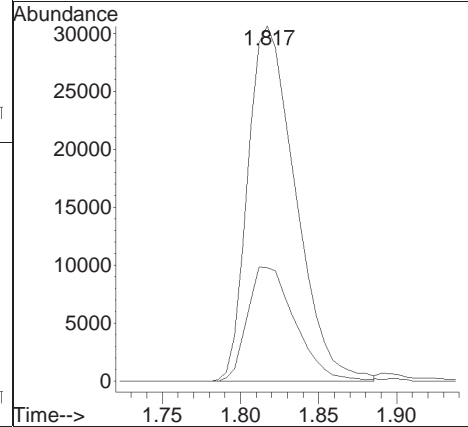
Tgt Ion	Resp	Lower	Upper
85	42736		
87	32.8	20.9	43.5
50	13.4	9.6	20.0

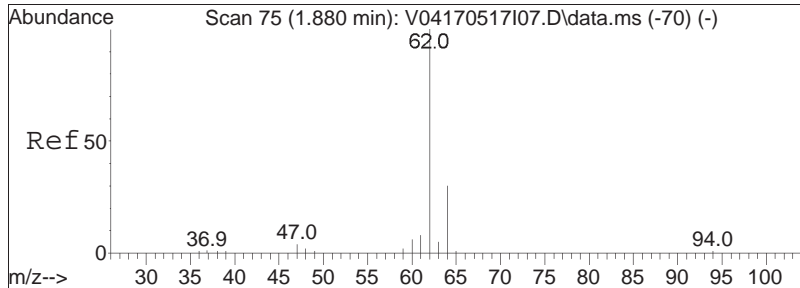




#3
 Chloromethane
 Concen: 17.61 ug/L
 RT: 1.817 min Scan# 63
 Delta R.T. 0.005 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

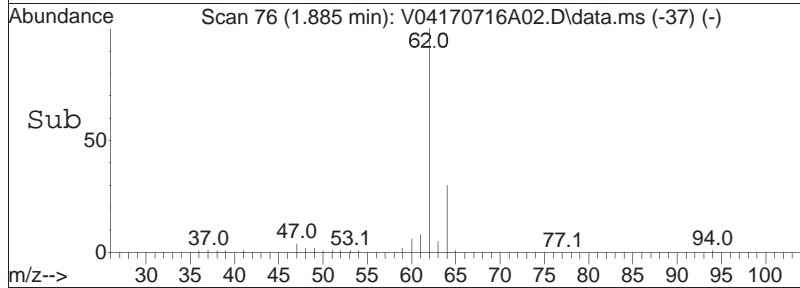
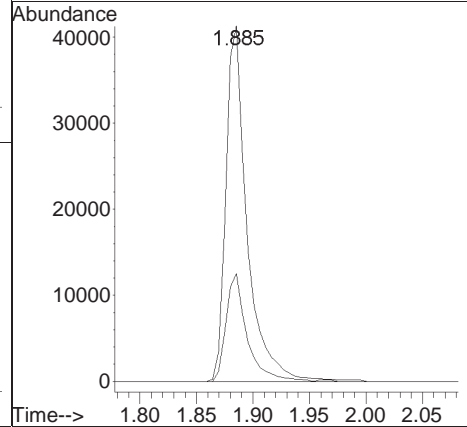
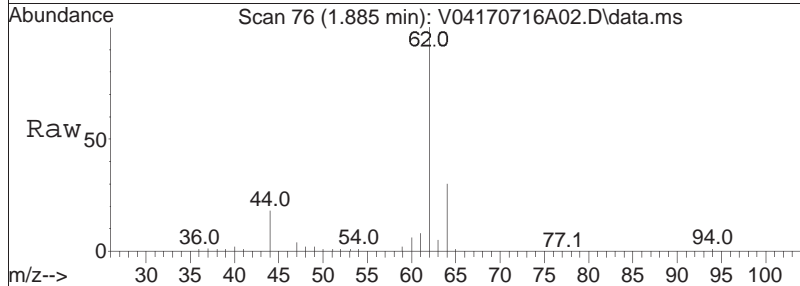
Tgt Ion: 50 Resp: 65193
 Ion Ratio Lower Upper
 50 100
 52 32.1 12.7 52.7

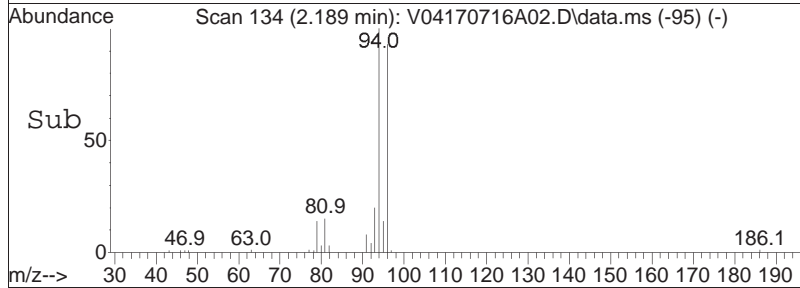
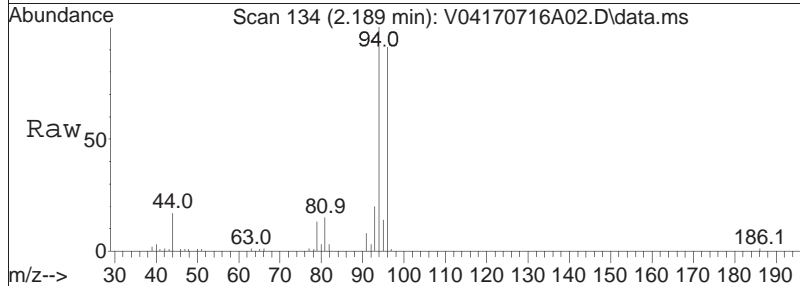
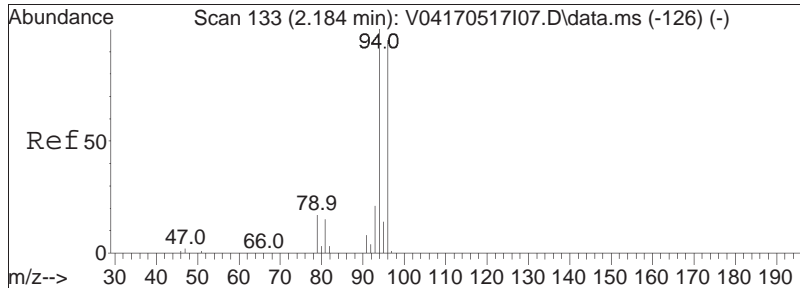




#4
 Vinyl chloride
 Concen: 19.71 ug/L
 RT: 1.885 min Scan# 76
 Delta R.T. 0.005 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

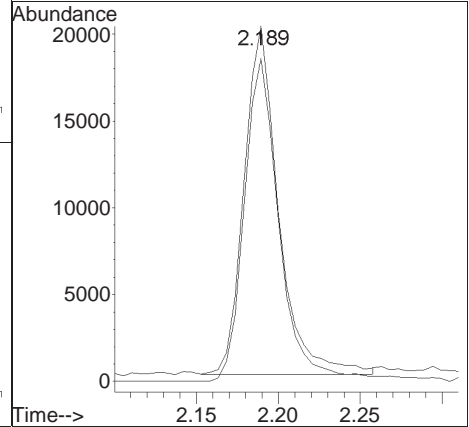
Tgt Ion:	Resp:	Lower	Upper
62	100		
64	29.9	11.5	51.5

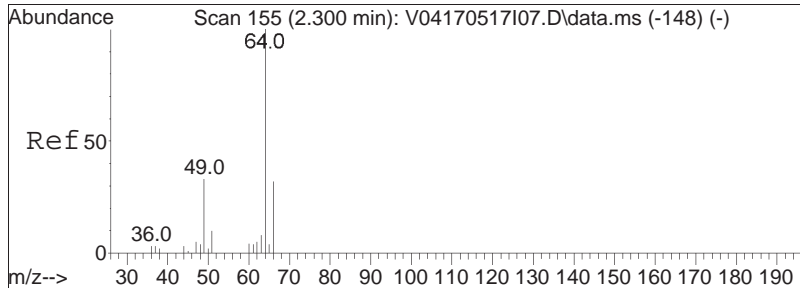




#5
 Bromomethane
 Concen: 17.70 ug/L
 RT: 2.189 min Scan# 134
 Delta R.T. 0.005 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

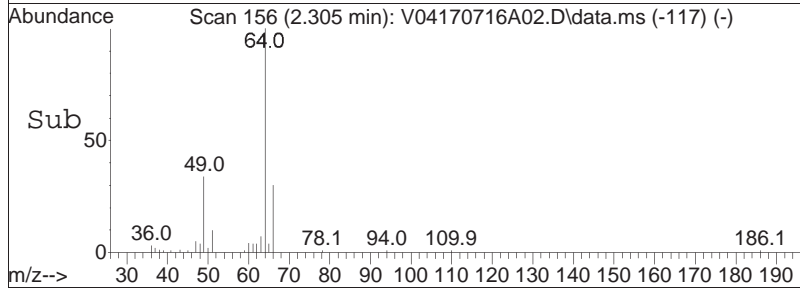
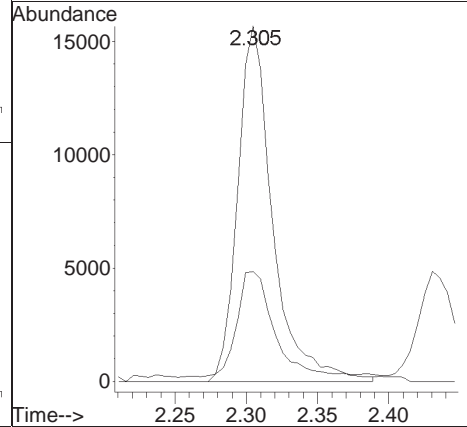
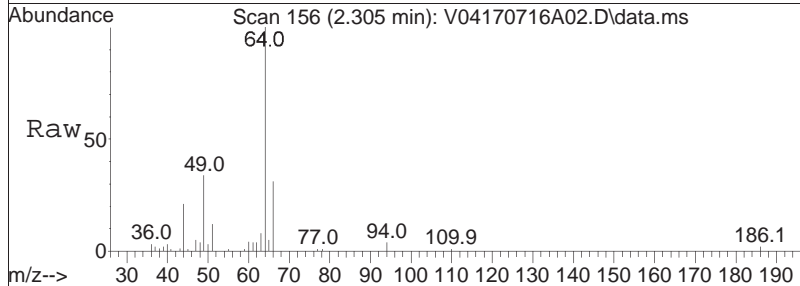
Tgt Ion	Resp	Lower	Upper
94	100		
96	95.8	74.7	114.7

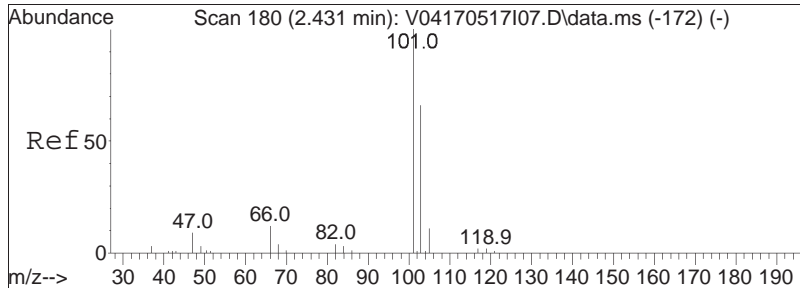




#6
 Chloroethane
 Concen: 17.39 ug/L
 RT: 2.305 min Scan# 156
 Delta R.T. 0.005 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

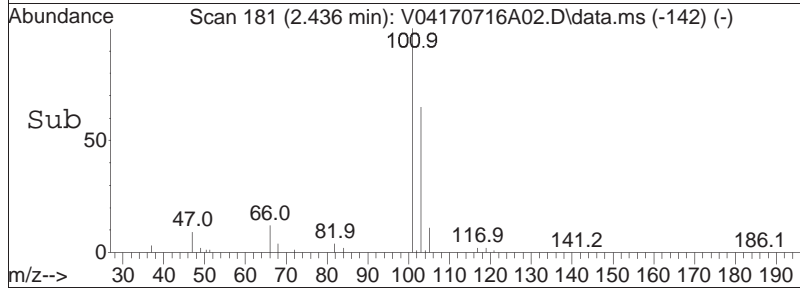
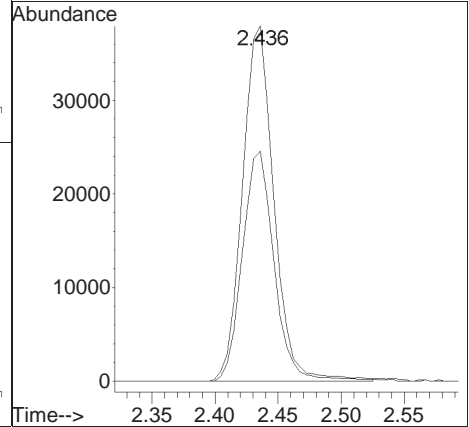
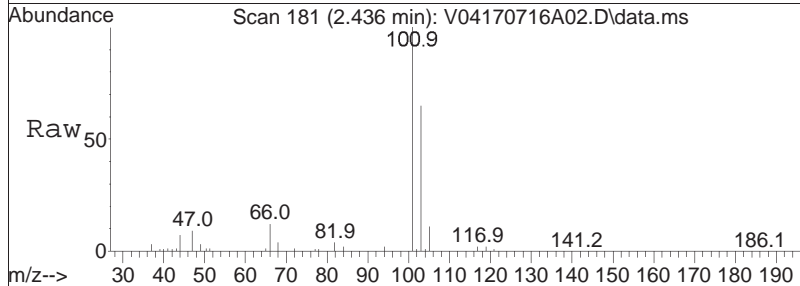
Tgt Ion:	Resp:	Lower	Upper
64	100		
66	31.0	14.8	54.8

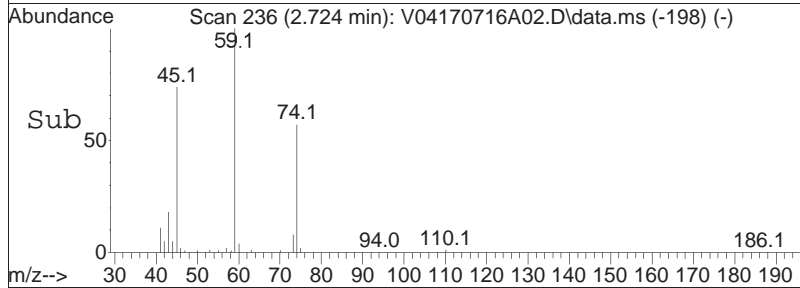
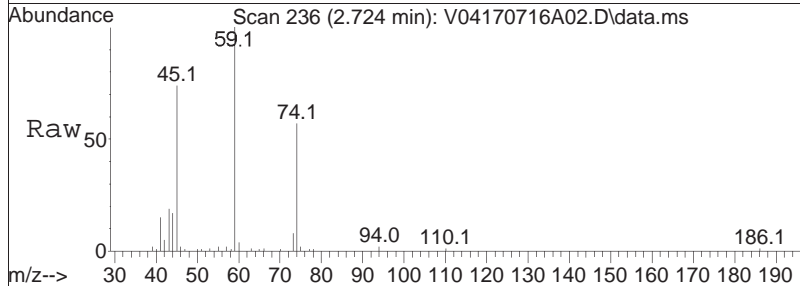
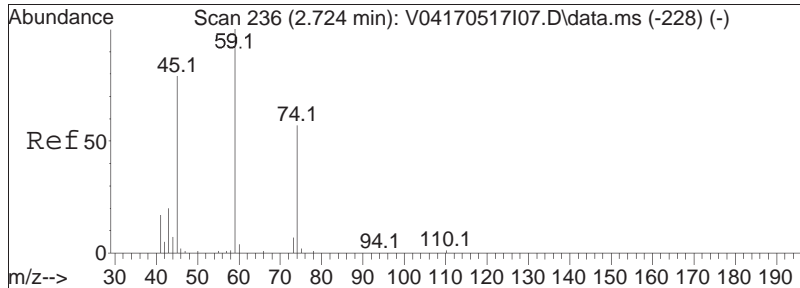




#7
 Trichlorofluoromethane
 Concen: 18.72 ug/L
 RT: 2.436 min Scan# 181
 Delta R.T. 0.005 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

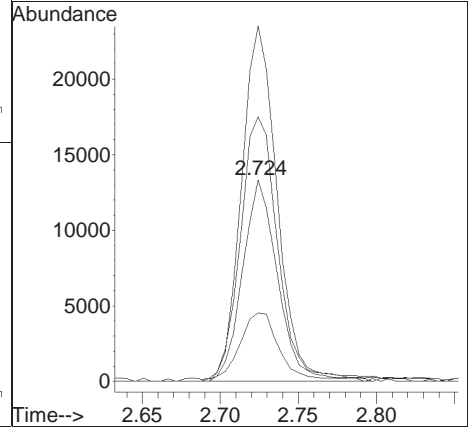
Tgt Ion	Resp	Lower	Upper
101	100		
103	65.7	52.0	78.0

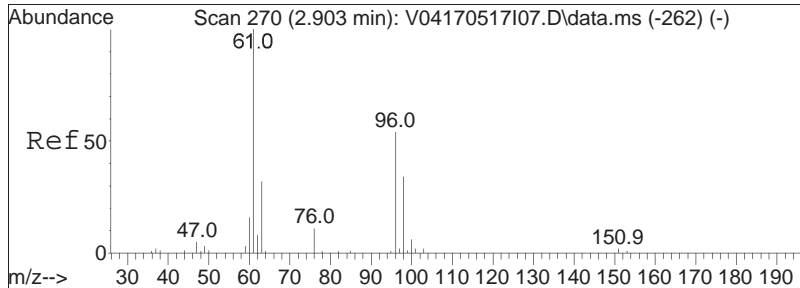




#8
 Ethyl ether
 Concen: 18.03 ug/L
 RT: 2.724 min Scan# 236
 Delta R.T. 0.000 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

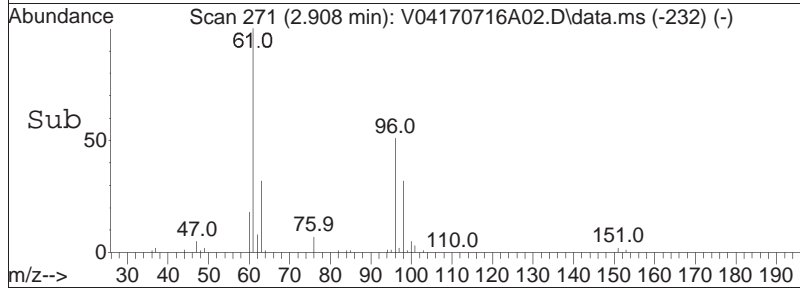
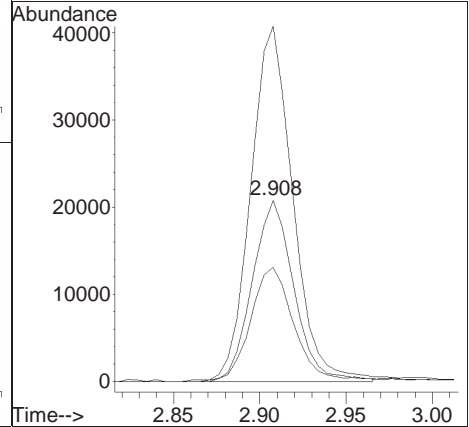
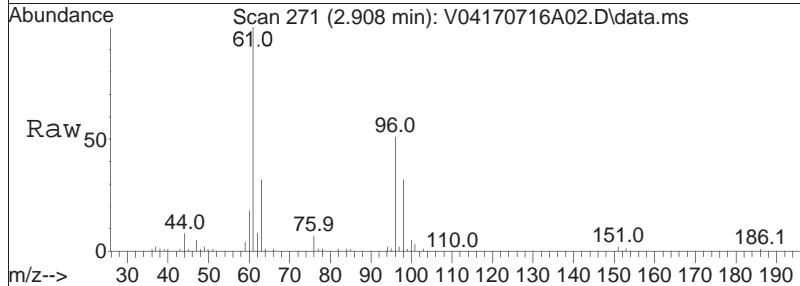
Tgt Ion	Resp	Lower	Upper
74	100		
59	179.8	113.7	236.1
45	142.3	72.8	151.2
43	40.1	21.2	44.0

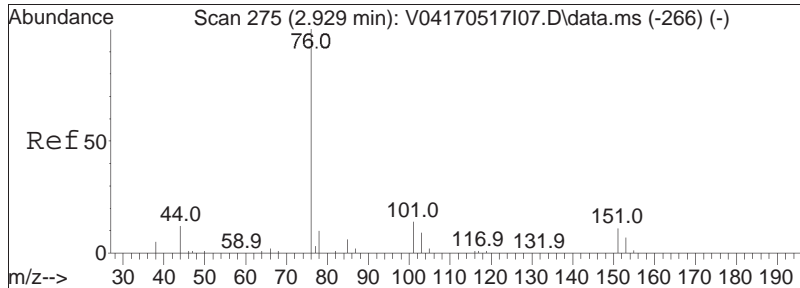




#10
 1,1-Dichloroethene
 Concen: 15.44 ug/L
 RT: 2.908 min Scan# 271
 Delta R.T. 0.005 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

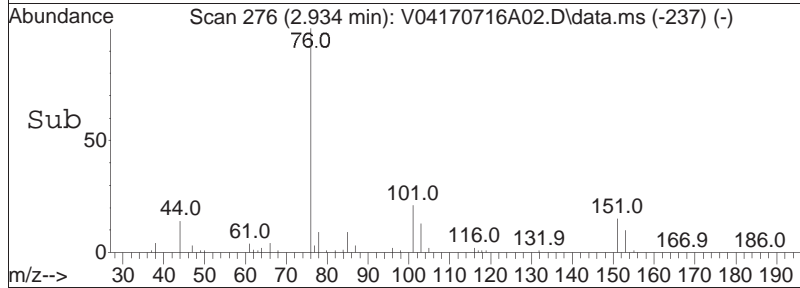
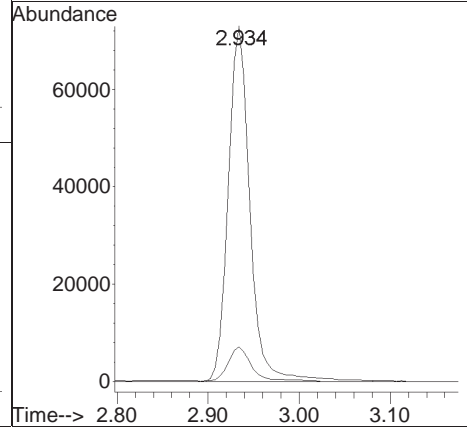
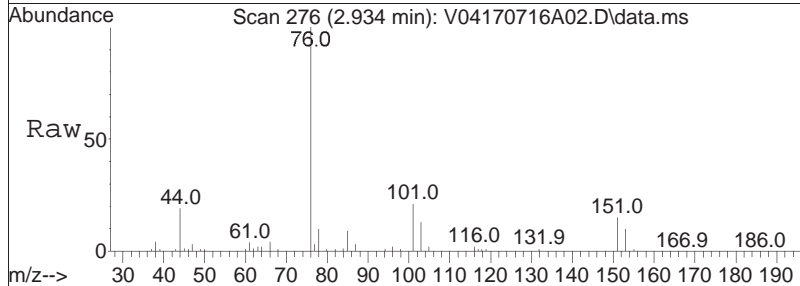
Tgt Ion	Resp	Lower	Upper
96	100		
61	199.9	165.8	248.8
63	66.2	52.0	78.0

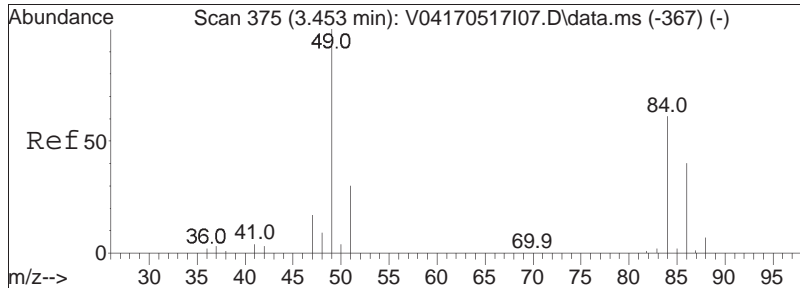




#11
 Carbon disulfide
 Concen: 12.33 ug/L
 RT: 2.934 min Scan# 276
 Delta R.T. 0.005 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

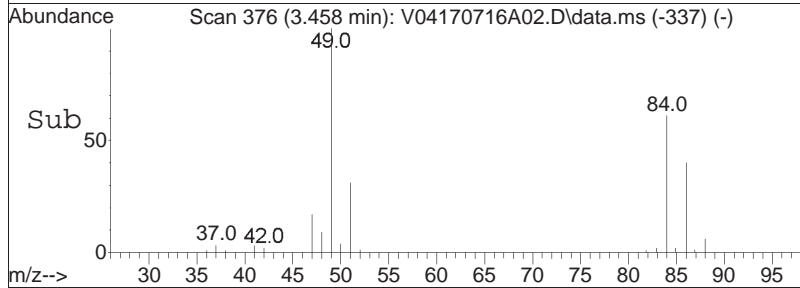
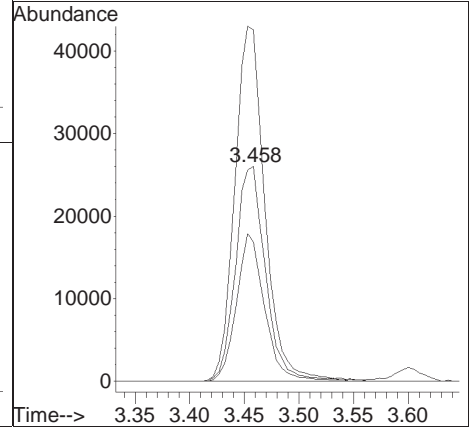
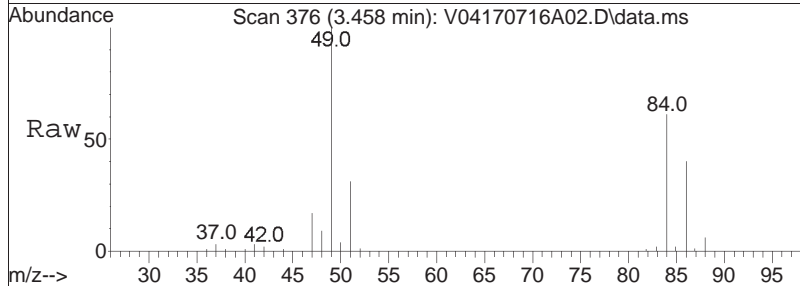
Tgt Ion: 76 Resp: 121071
 Ion Ratio Lower Upper
 76 100
 78 10.6 6.5 13.5

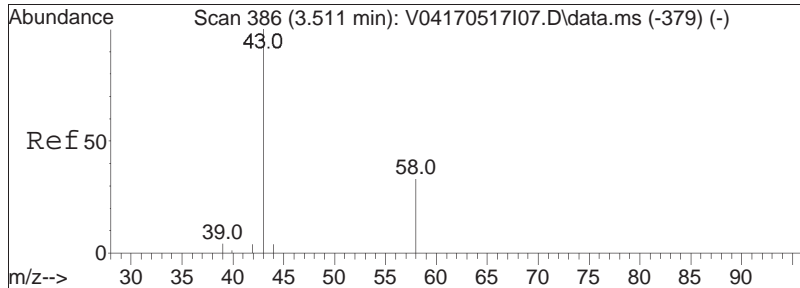




#15
 Methylene chloride
 Concen: 17.92 ug/L
 RT: 3.458 min Scan# 376
 Delta R.T. 0.005 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

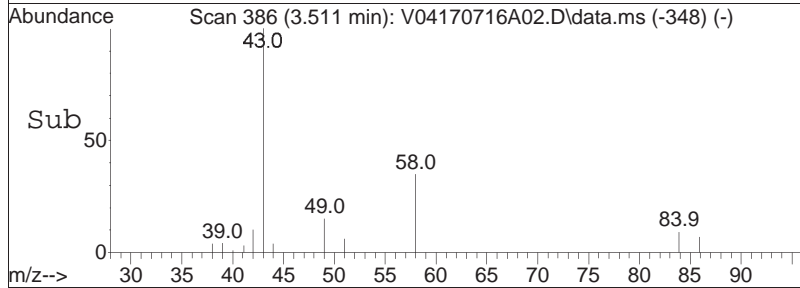
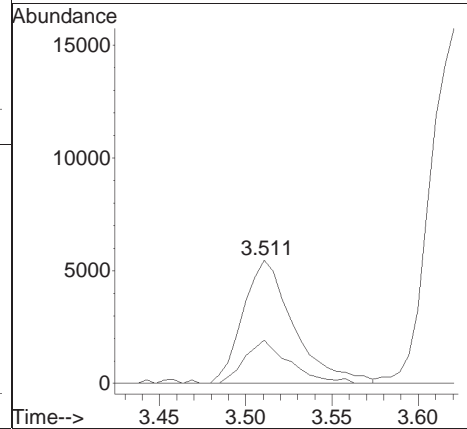
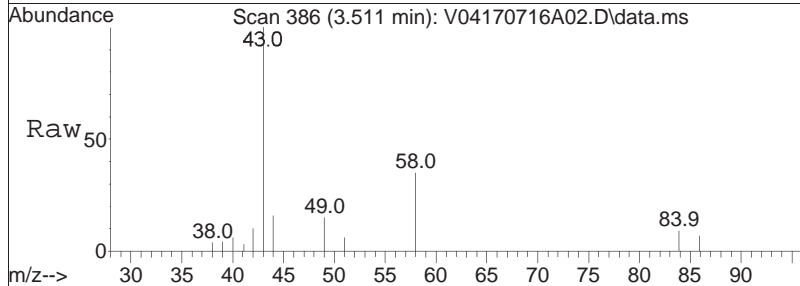
Tgt Ion:	84	Resp:	49954
Ion Ratio	Lower	Upper	
84	100		
86	64.3	41.3	85.9
49	165.1	109.1	226.7

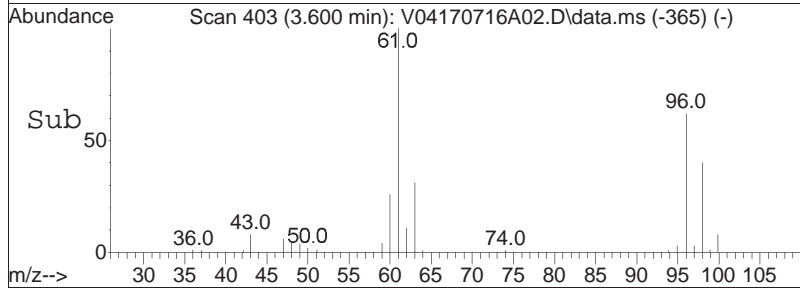
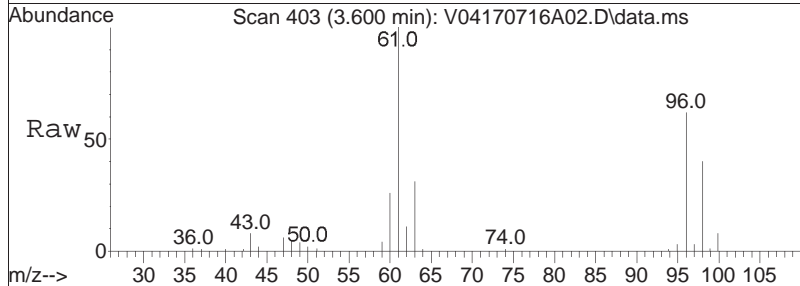
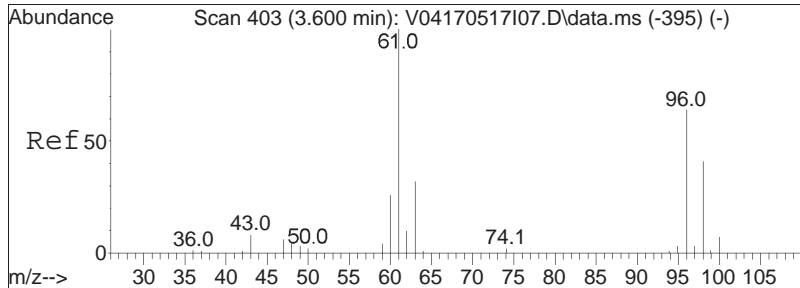




#17
 Acetone
 Concen: 19.93 ug/L
 RT: 3.511 min Scan# 386
 Delta R.T. -0.000 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

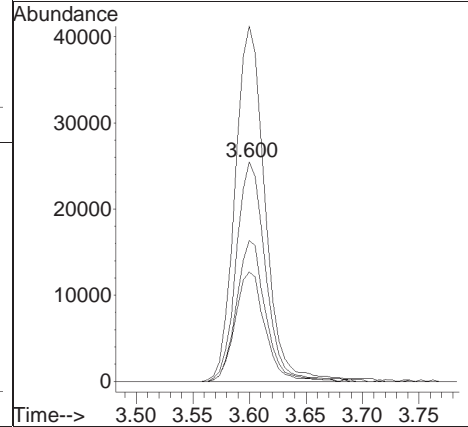
Tgt Ion	Resp	Lower	Upper
43	11227		
58	31.0	26.0	39.0

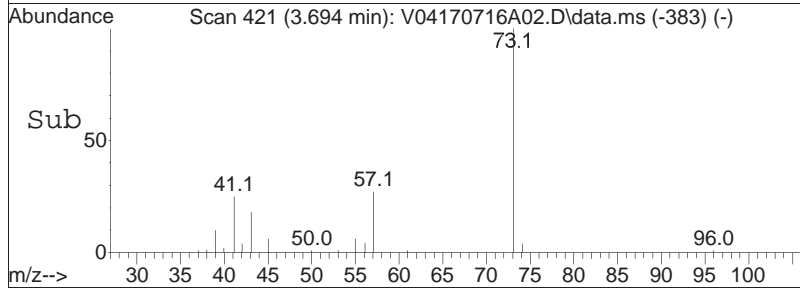
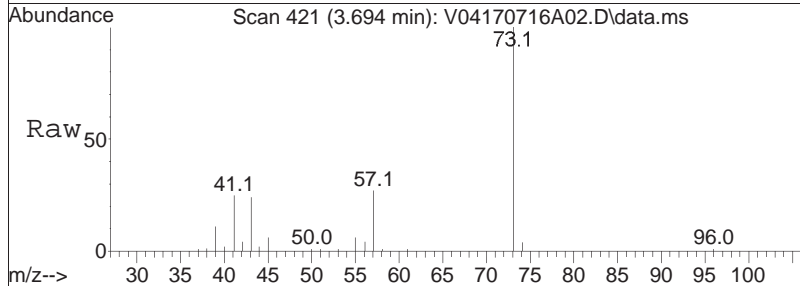
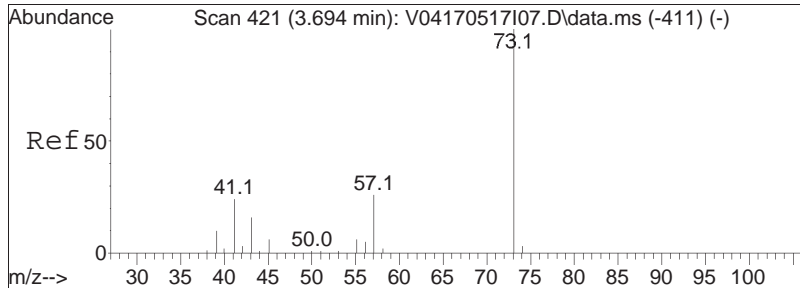




#18
 trans-1,2-Dichloroethene
 Concen: 18.22 ug/L
 RT: 3.600 min Scan# 403
 Delta R.T. -0.000 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

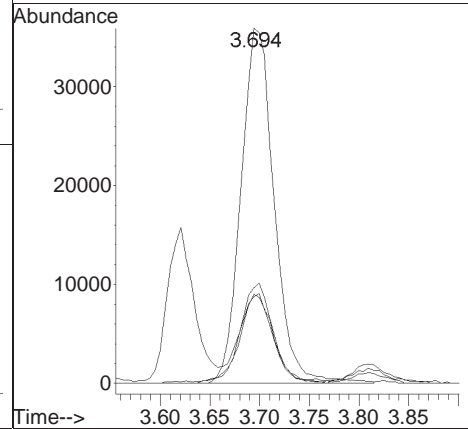
Tgt Ion:	Resp:		
Ion	Ratio	Lower	Upper
96	100		
61	164.4	122.6	254.6
98	63.2	41.6	86.4
63	50.6	37.6	78.0

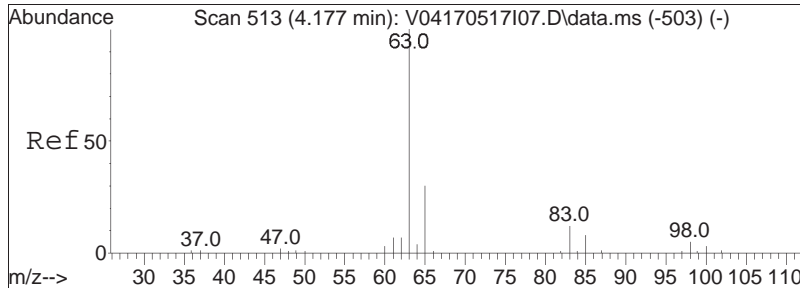




#20
 Methyl tert-butyl ether
 Concen: 12.38 ug/L
 RT: 3.694 min Scan# 421
 Delta R.T. 0.000 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

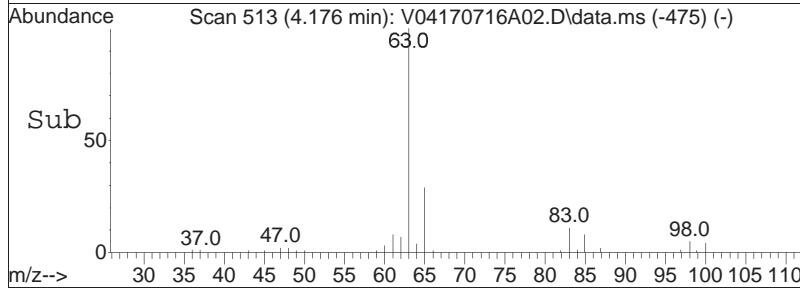
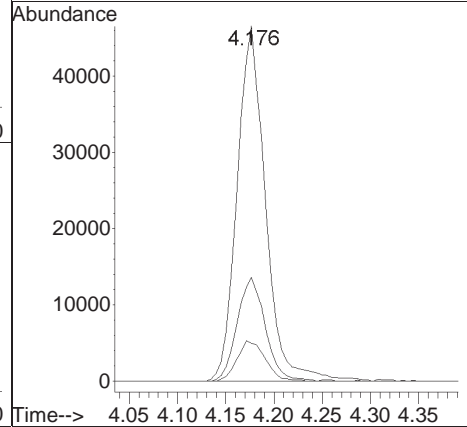
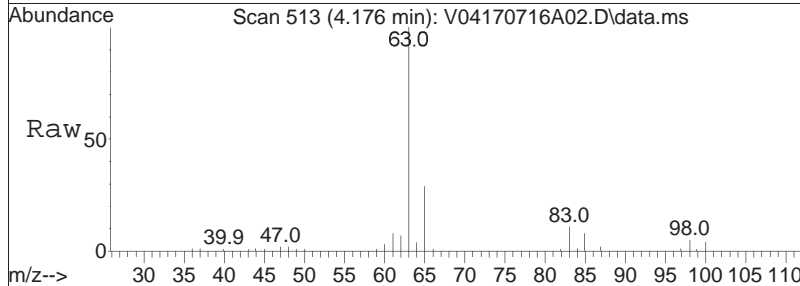
Tgt Ion	Resp	Lower	Upper
73	83741		
57	27.9	20.9	43.3
43	26.0	16.4	34.2
41	25.1	17.2	35.8

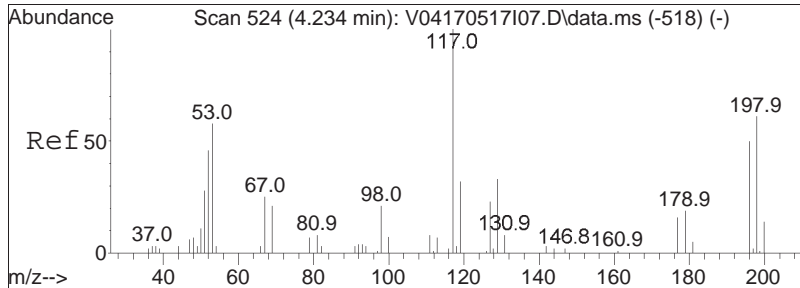




#23
 1,1-Dichloroethane
 Concen: 18.98 ug/L
 RT: 4.176 min Scan# 513
 Delta R.T. -0.001 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

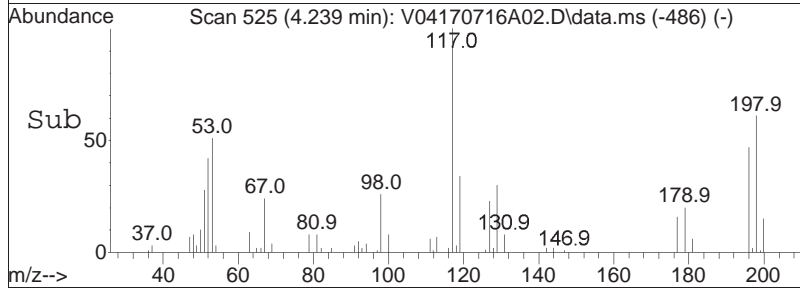
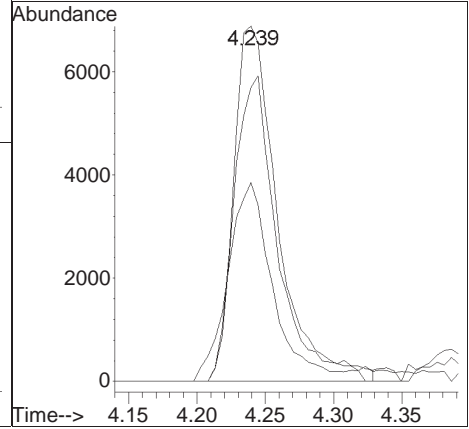
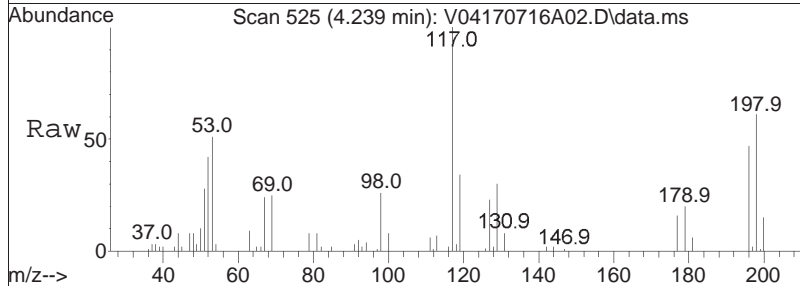
Tgt Ion	Resp	Lower	Upper
63	100		
65	29.0	9.4	49.4
83	11.4	0.0	30.4

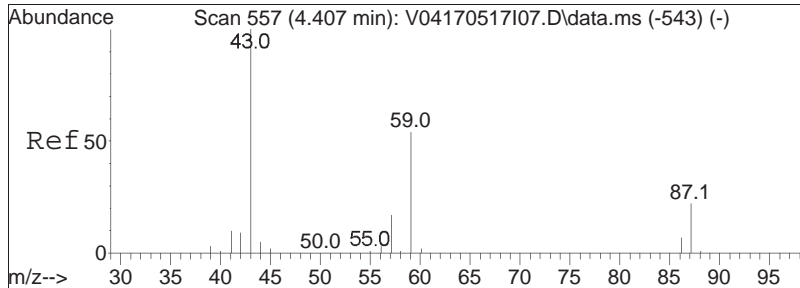




#25
 Acrylonitrile
 Concen: 20.29 ug/L
 RT: 4.239 min Scan# 525
 Delta R.T. 0.005 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

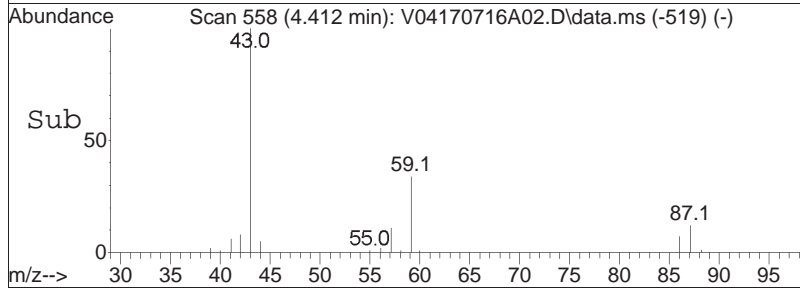
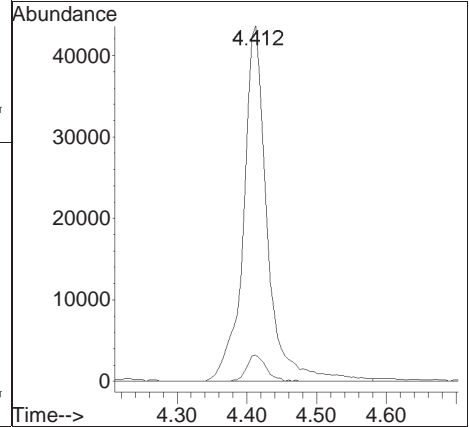
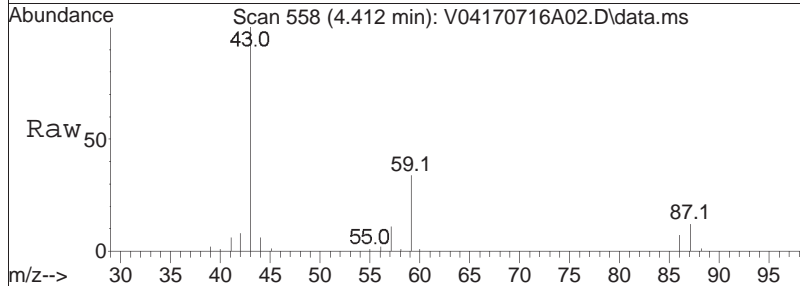
Tgt Ion:	Resp:		
Ion	Ratio	Lower	Upper
53	100		
52	86.9	67.2	100.8
51	56.6	43.7	65.5

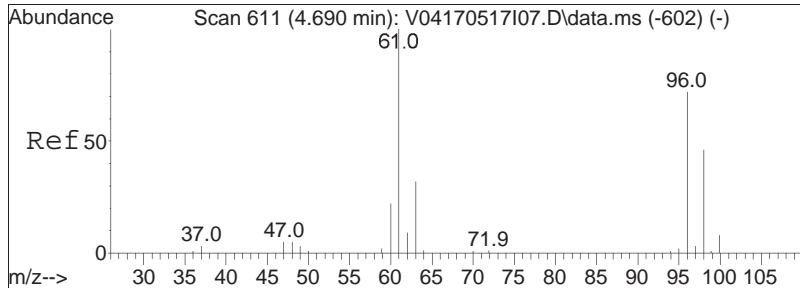




#27
 Vinyl acetate
 Concen: 19.46 ug/L
 RT: 4.412 min Scan# 558
 Delta R.T. 0.005 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

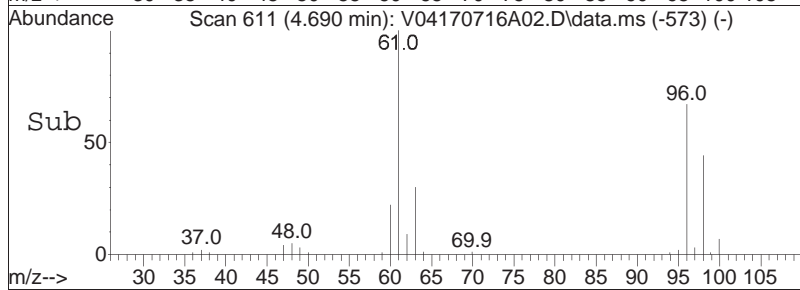
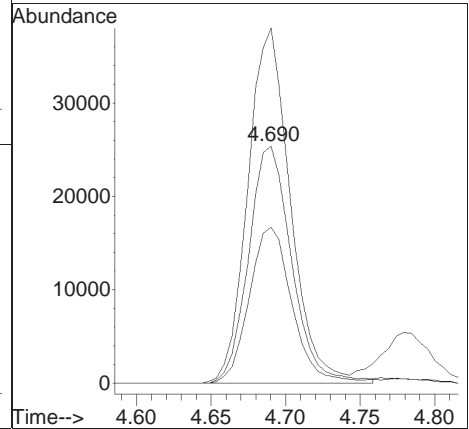
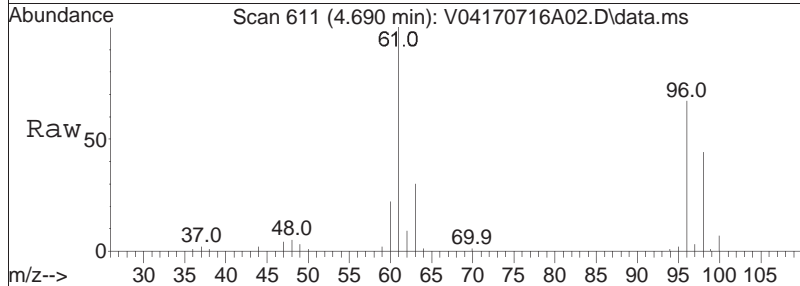
Tgt Ion:	43	Resp:	104037
Ion Ratio	100	Lower	Upper
	86	6.1	4.9 7.3

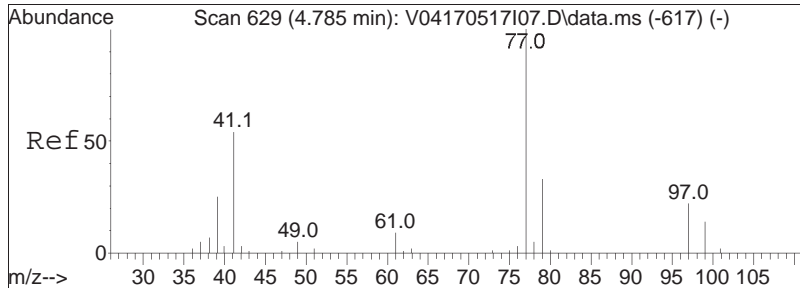




#28
 cis-1,2-Dichloroethene
 Concen: 18.34 ug/L
 RT: 4.690 min Scan# 611
 Delta R.T. 0.000 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

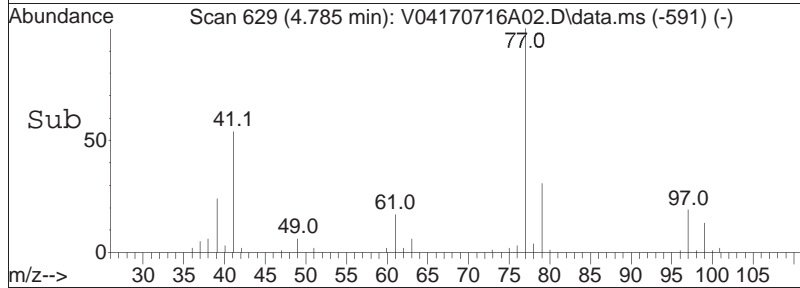
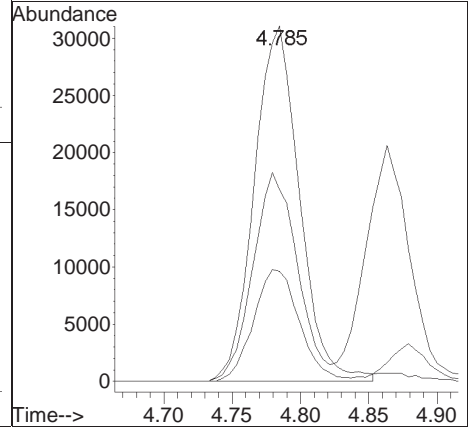
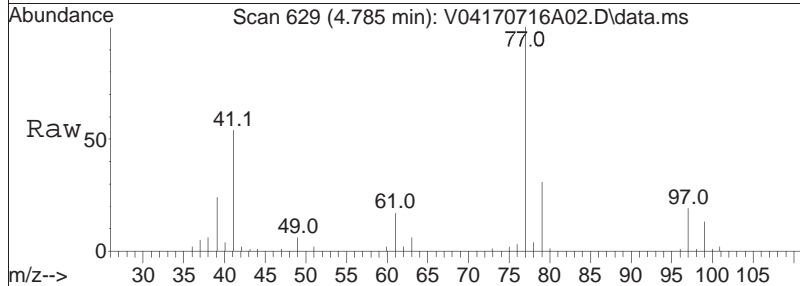
Tgt Ion	Resp	Lower	Upper
96	100		
61	146.9	135.0	202.4
98	65.2	51.5	77.3

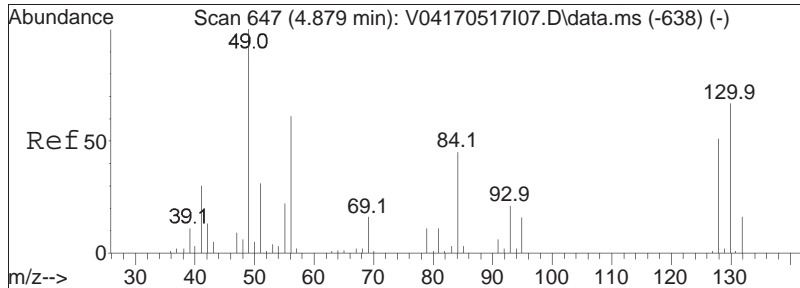




#29
 2,2-Dichloropropane
 Concen: 19.36 ug/L
 RT: 4.785 min Scan# 629
 Delta R.T. -0.000 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

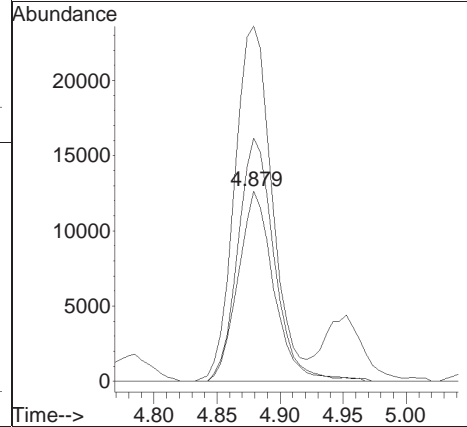
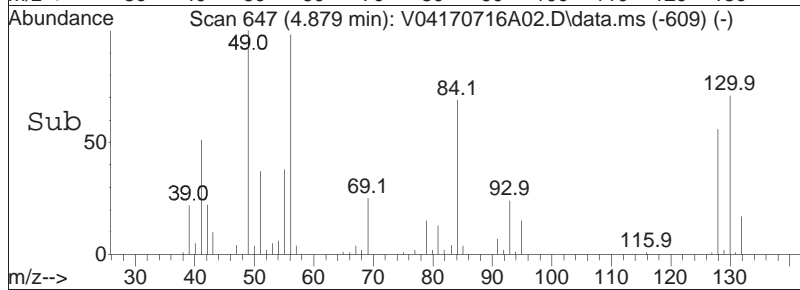
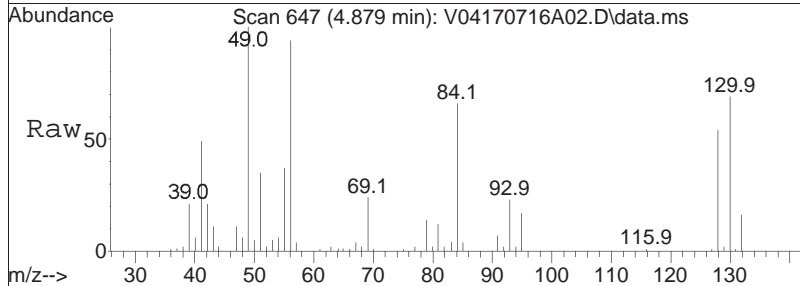
Tgt Ion	Resp	Lower	Upper
77	100		
41	57.9	38.5	80.1
79	32.0	20.9	43.5

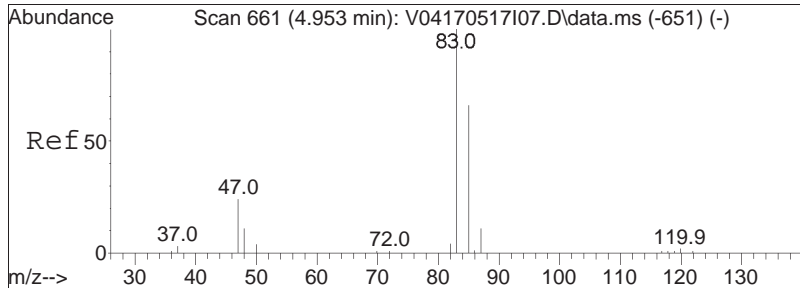




#30
 Bromochloromethane
 Concen: 17.97 ug/L
 RT: 4.879 min Scan# 647
 Delta R.T. 0.000 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

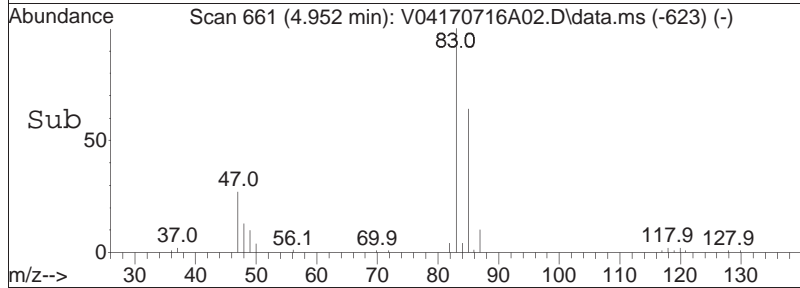
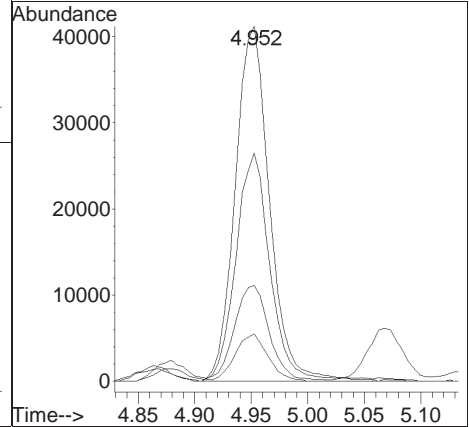
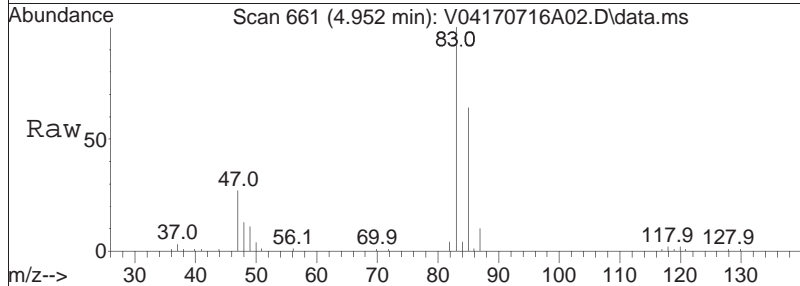
Tgt Ion	Resp	Lower	Upper
128	25127		
128	100		
49	194.5	163.8	245.8
130	129.5	102.3	153.5

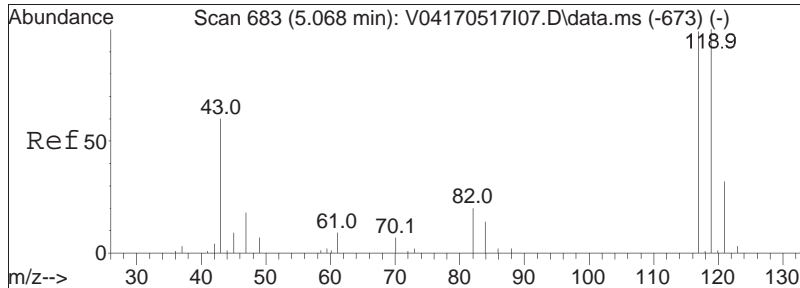




#32
 Chloroform
 Concen: 19.09 ug/L
 RT: 4.952 min Scan# 661
 Delta R.T. -0.001 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

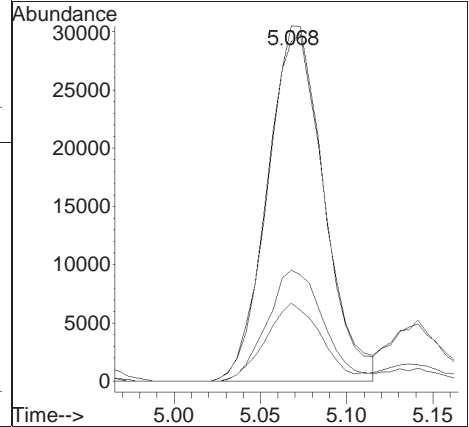
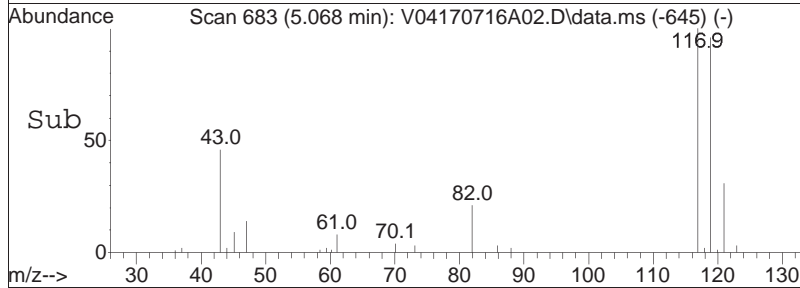
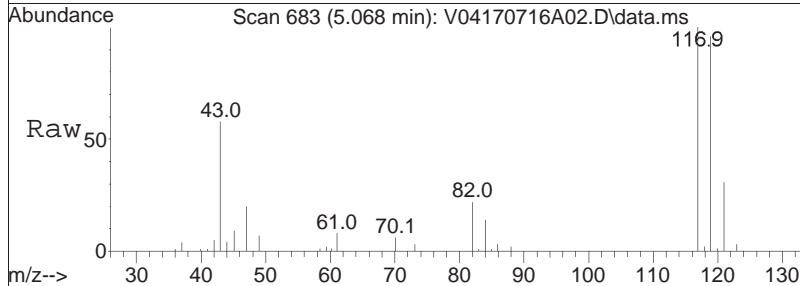
Tgt Ion	Resp	Lower	Upper
83	100		
85	64.3	42.1	87.3
47	26.4	18.5	38.3
48	12.8	8.6	18.0

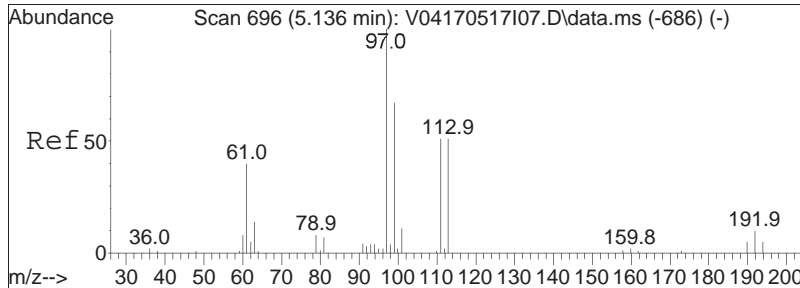




#34
 Carbon tetrachloride
 Concen: 20.88 ug/L
 RT: 5.068 min Scan# 683
 Delta R.T. -0.000 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

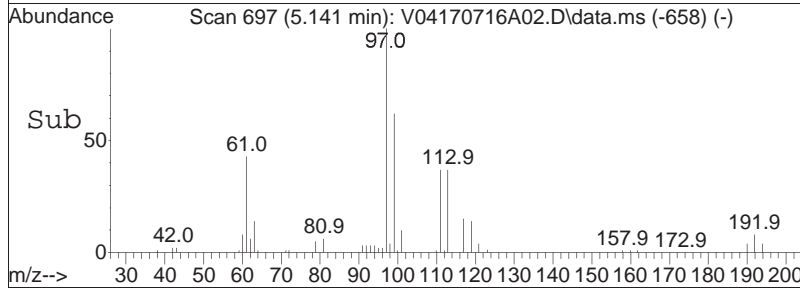
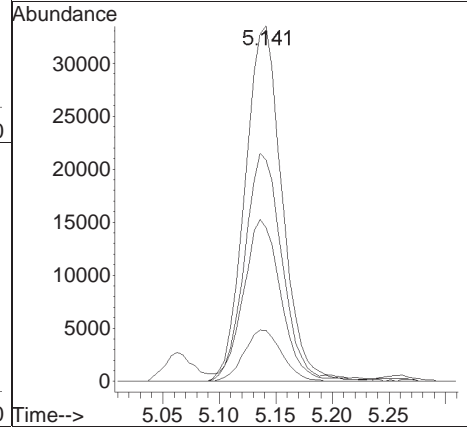
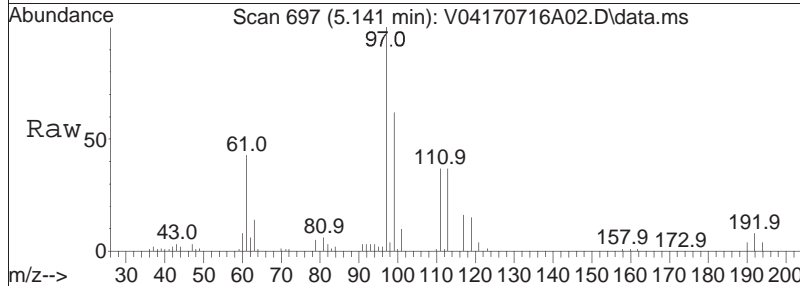
Tgt Ion	Resp	Lower	Upper
117	69602		
117	100		
119	97.3	62.7	130.3
121	30.9	20.2	41.9
82	22.0	14.4	29.8

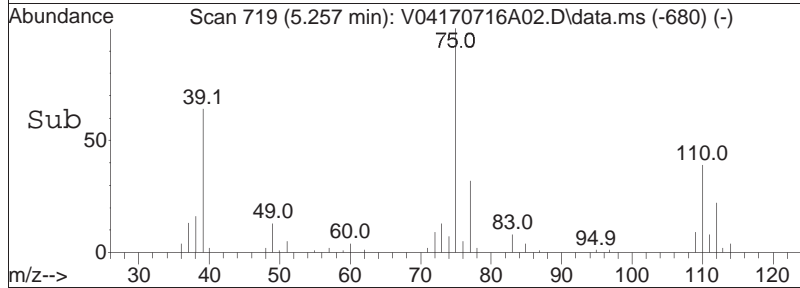
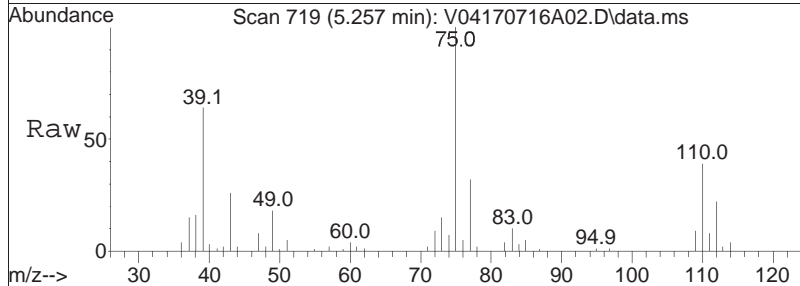
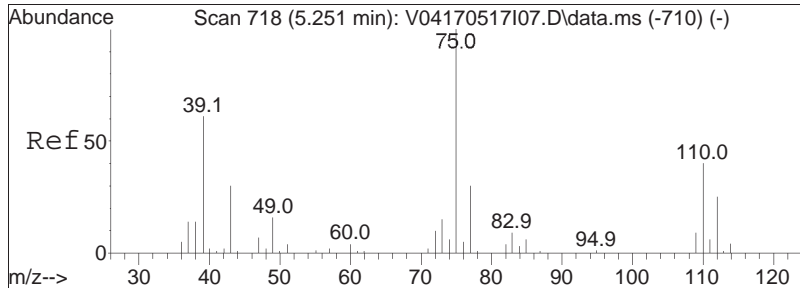




#37
 1,1,1-Trichloroethane
 Concen: 19.84 ug/L
 RT: 5.141 min Scan# 697
 Delta R.T. 0.005 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

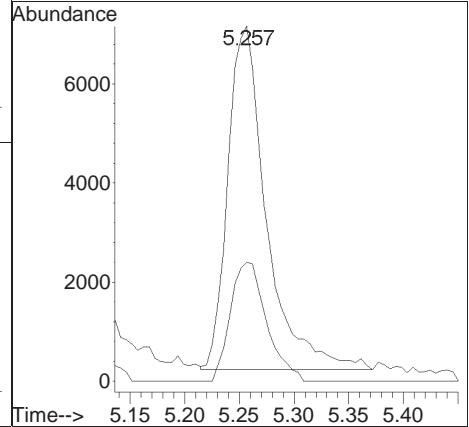
Tgt Ion	Resp	Lower	Upper
97	100		
99	64.9	41.9	86.9
61	46.2	34.3	71.1
63	14.7	10.6	22.0

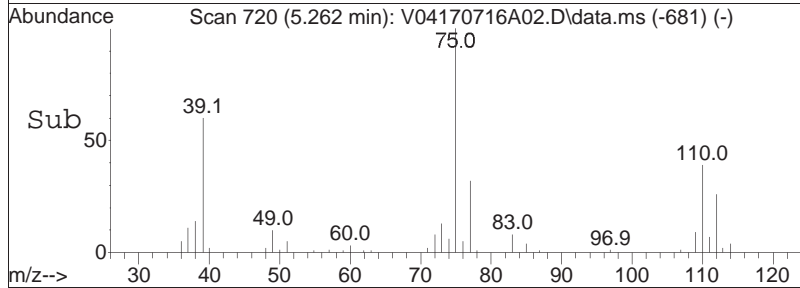
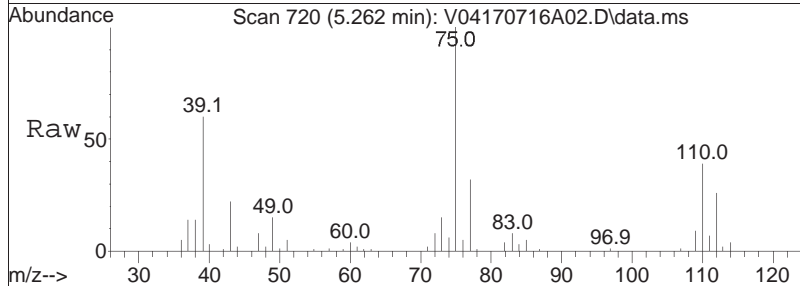
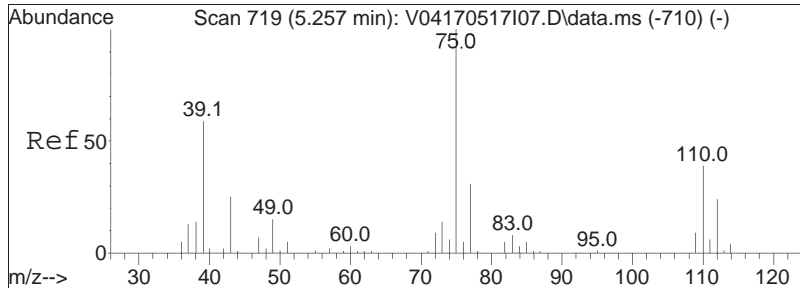




#39
 2-Butanone
 Concen: 17.39 ug/L
 RT: 5.257 min Scan# 719
 Delta R.T. 0.006 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

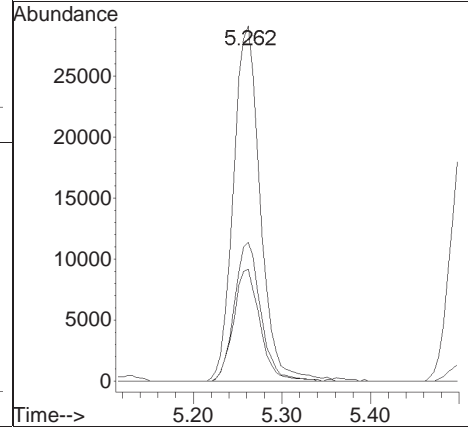
Tgt Ion: 43 Resp: 17010
 Ion Ratio Lower Upper
 43 100
 72 32.5 24.3 36.5

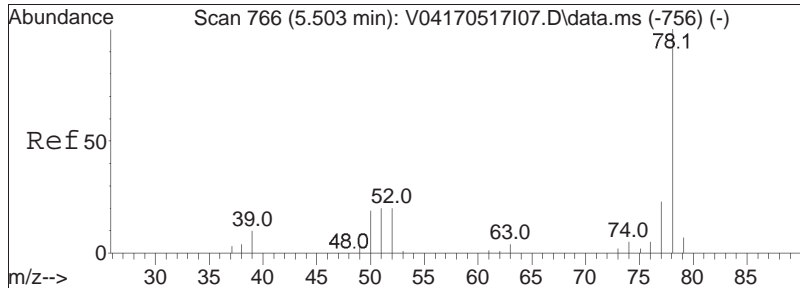




#40
 1,1-Dichloropropene
 Concen: 19.34 ug/L
 RT: 5.262 min Scan# 720
 Delta R.T. 0.005 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

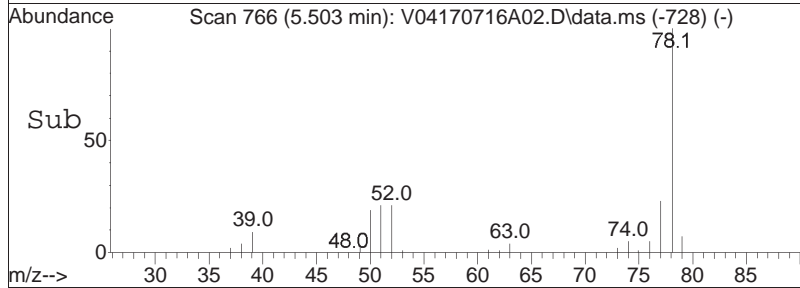
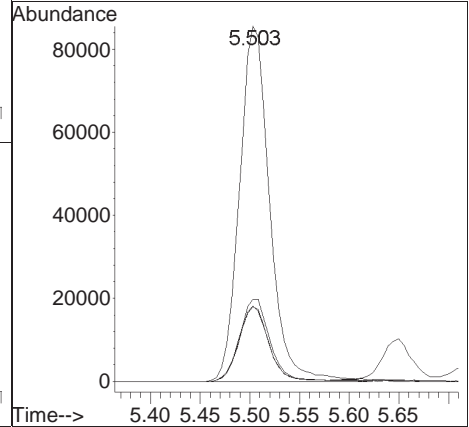
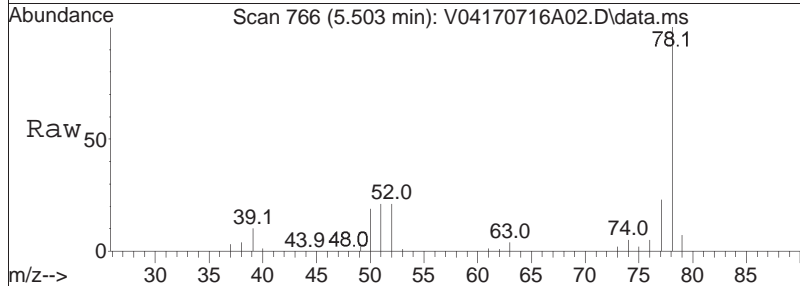
Tgt Ion:	Resp:		
Ion	Ratio	Lower	Upper
75	100		
110	38.3	24.4	50.6
77	31.1	20.5	42.5

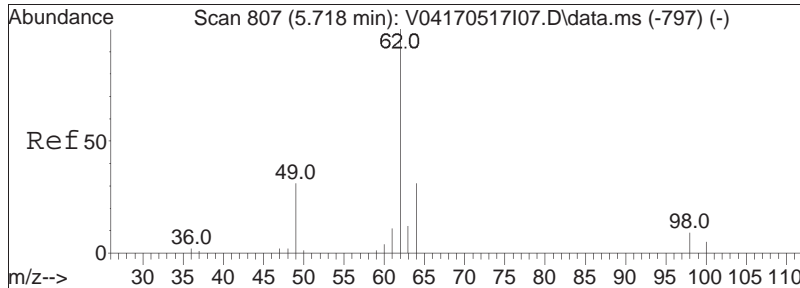




#41
Benzene
Concen: 18.94 ug/L
RT: 5.503 min Scan# 766
Delta R.T. -0.000 min
Lab File: V04170716A02.D
Acq: 16 Jul 2017 8:26

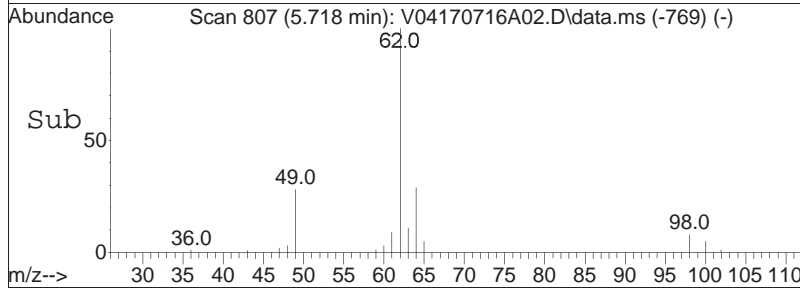
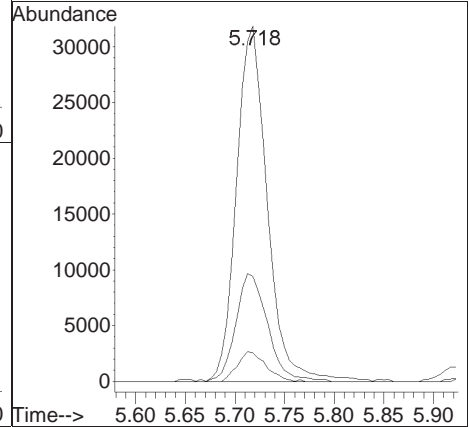
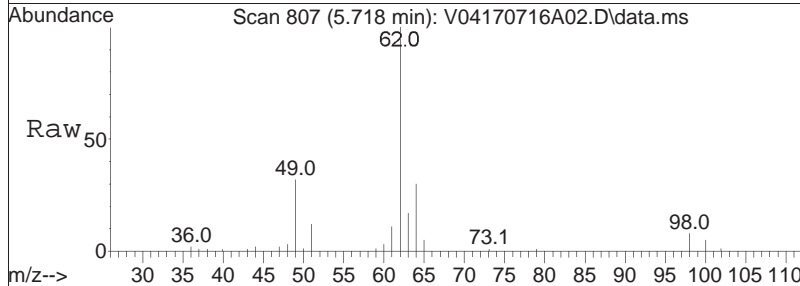
Tgt Ion	Resp	Lower	Upper
78	181024		
77	23.2	15.2	31.6
51	20.9	14.1	29.3
52	20.6	14.0	29.2

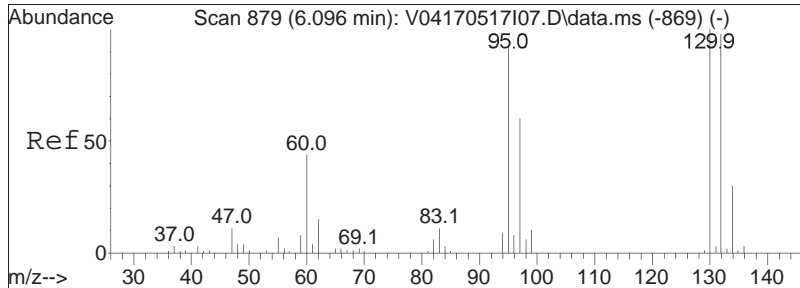




#44
 1,2-Dichloroethane
 Concen: 19.81 ug/L
 RT: 5.718 min Scan# 807
 Delta R.T. -0.000 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

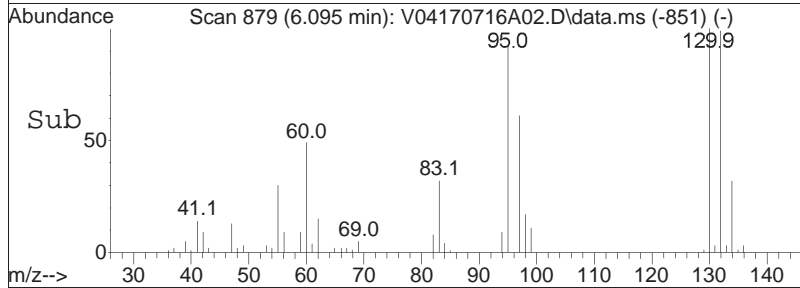
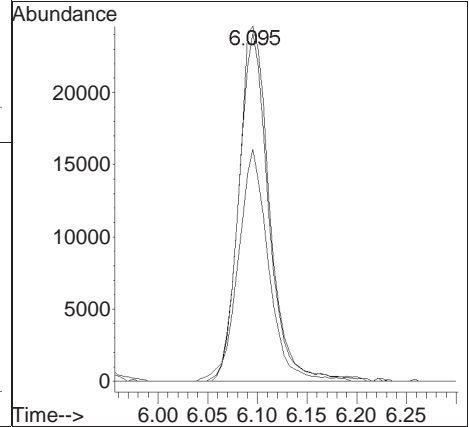
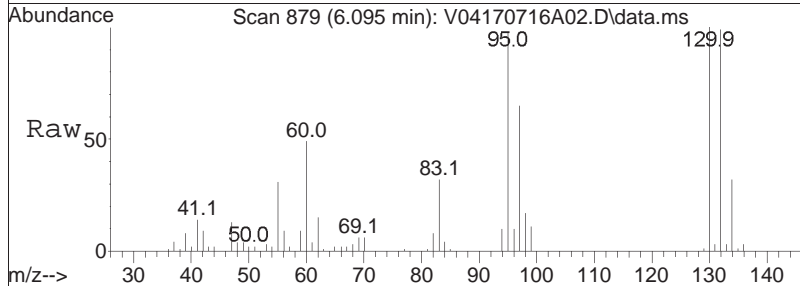
Tgt Ion	Resp	Lower	Upper
62	100		
64	31.3	11.2	51.2
98	7.8	0.0	27.3

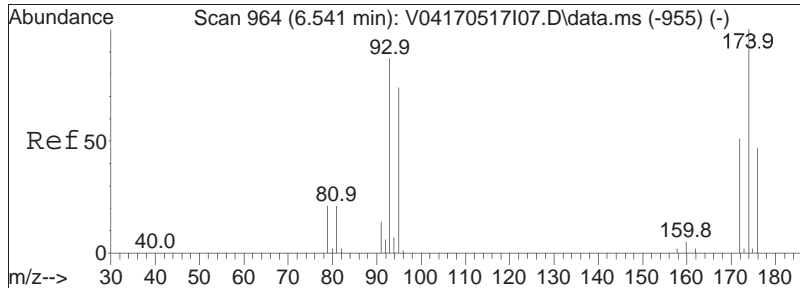




#48
 Trichloroethene
 Concen: 19.53 ug/L
 RT: 6.095 min Scan# 879
 Delta R.T. -0.001 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

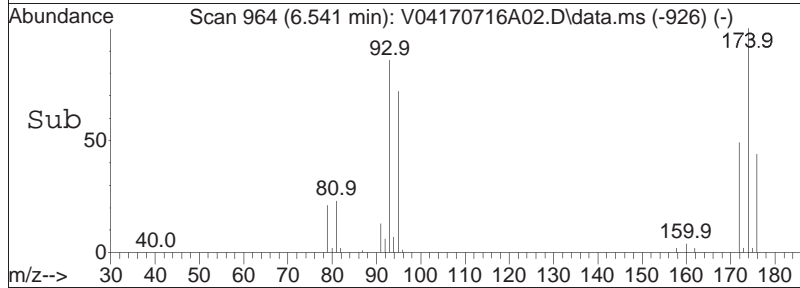
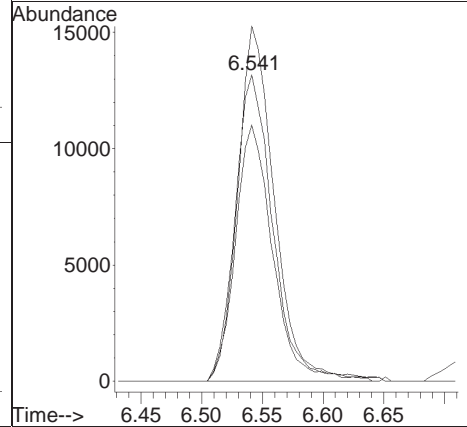
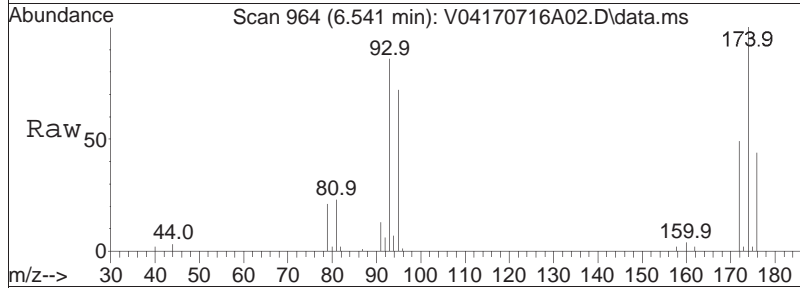
Tgt Ion	Resp	Lower	Upper
95	100		
97	67.5	54.8	82.2
130	104.8	85.8	128.6

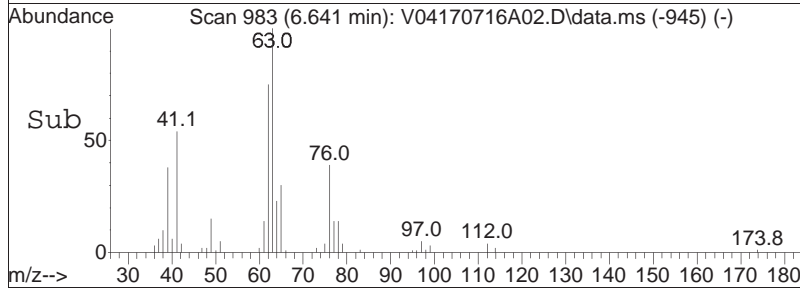
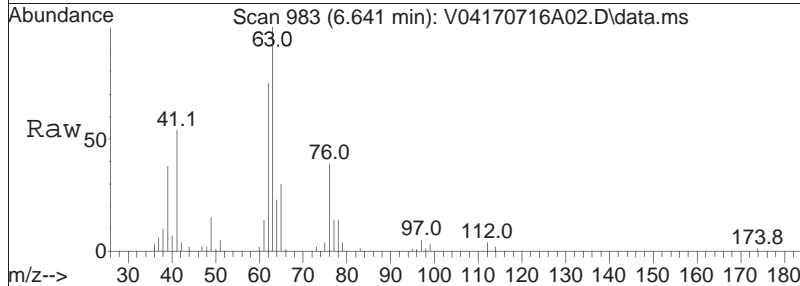
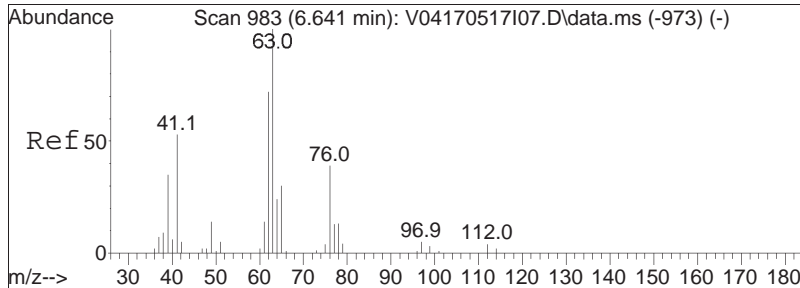




#50
 Dibromomethane
 Concen: 18.57 ug/L
 RT: 6.541 min Scan# 964
 Delta R.T. 0.000 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

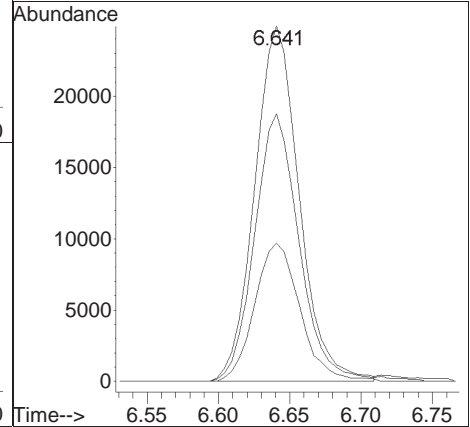
Tgt Ion	Resp	Lower	Upper
93	28492		
93	100		
95	83.4	67.3	100.9
174	113.2	94.1	141.1

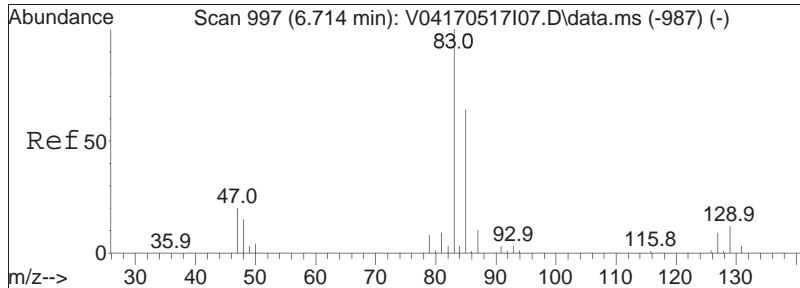




#51
 1,2-Dichloropropane
 Concen: 19.57 ug/L
 RT: 6.641 min Scan# 983
 Delta R.T. -0.000 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

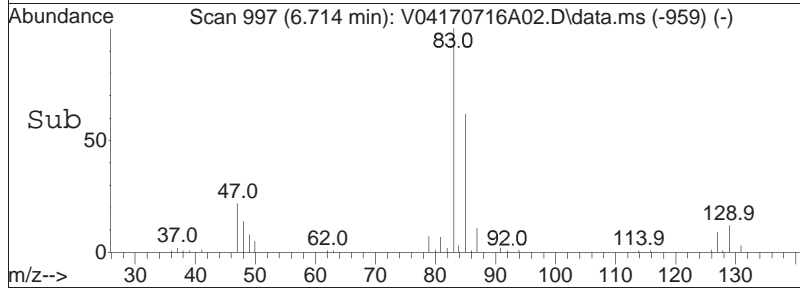
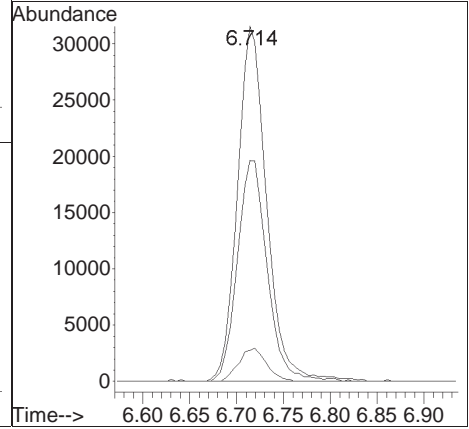
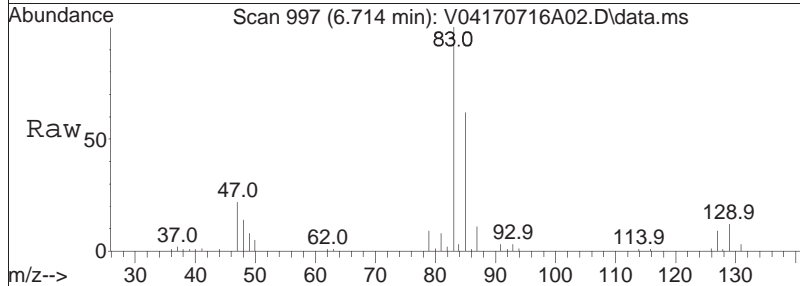
Tgt Ion:	Resp:		
Ion	Ratio	Lower	Upper
63	100		
62	75.8	57.9	86.9
76	39.6	26.1	39.1#

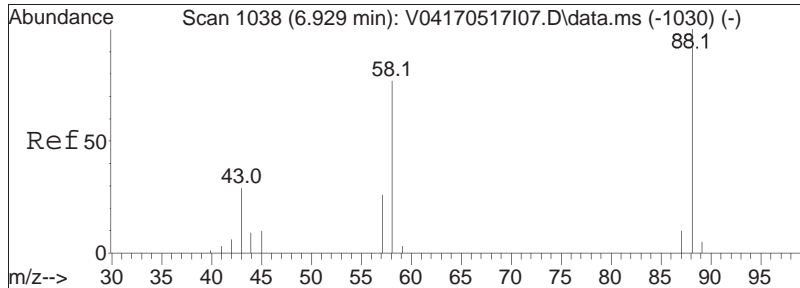




#54
 Bromodichloromethane
 Concen: 20.08 ug/L
 RT: 6.714 min Scan# 997
 Delta R.T. 0.000 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

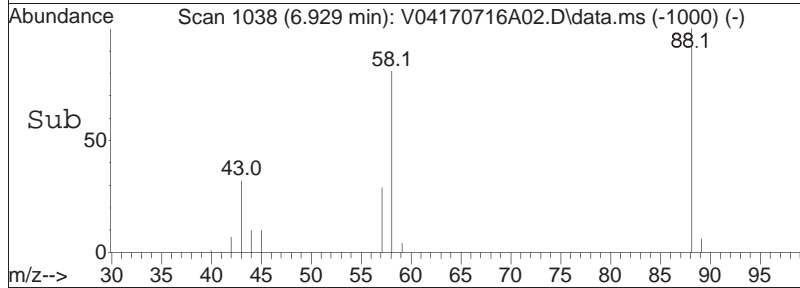
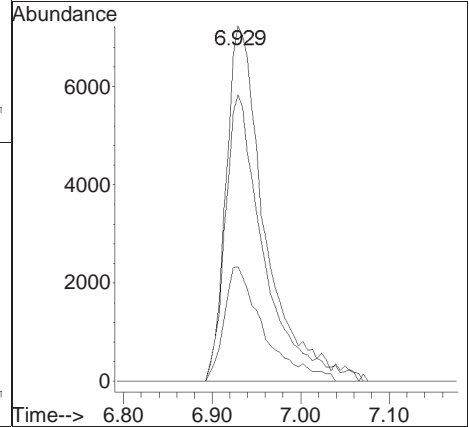
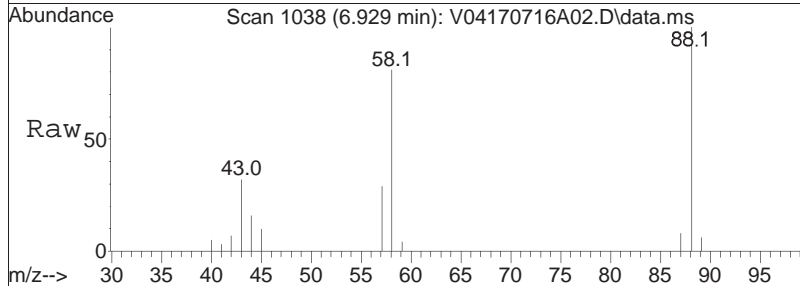
Tgt Ion	Resp	Lower	Upper
83	100		
85	63.3	51.5	77.3
127	8.9	7.1	10.7

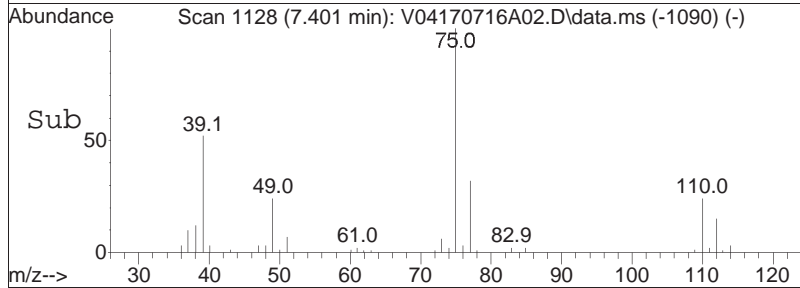
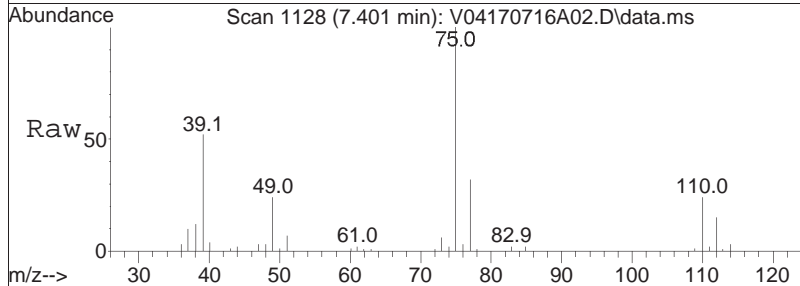
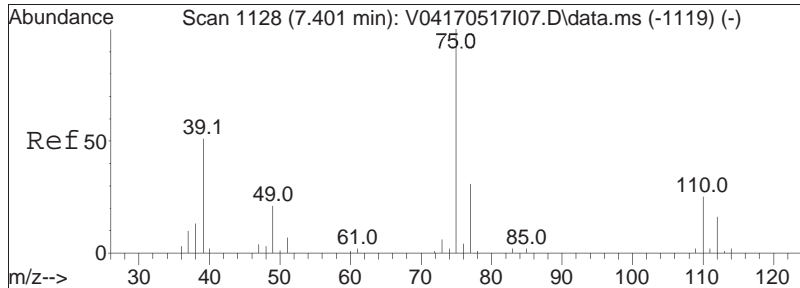




#57
 1,4-Dioxane
 Concen: 1026.76 ug/L
 RT: 6.929 min Scan# 1038
 Delta R.T. 0.000 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

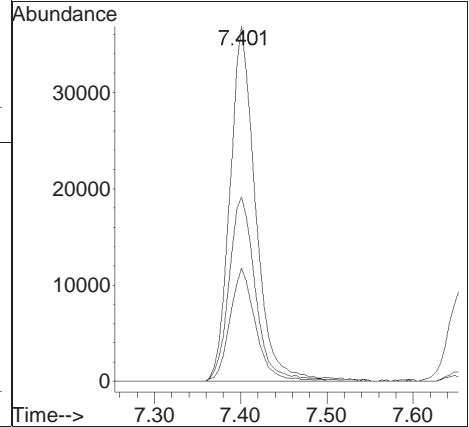
Tgt Ion:	88	Resp:	22169
Ion Ratio	Lower	Upper	
88	100		
58	79.0	72.2	108.2
43	32.9	28.1	42.1

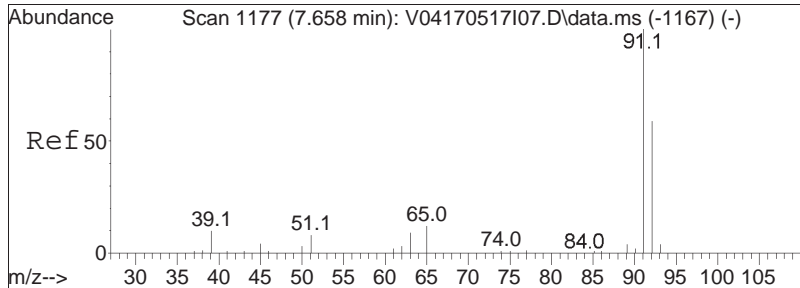




#58
 cis-1,3-Dichloropropene
 Concen: 18.43 ug/L
 RT: 7.401 min Scan# 1128
 Delta R.T. -0.000 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

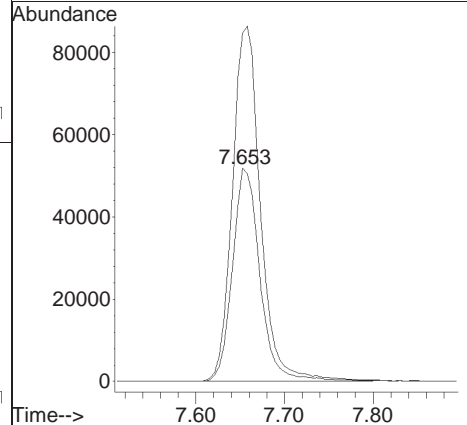
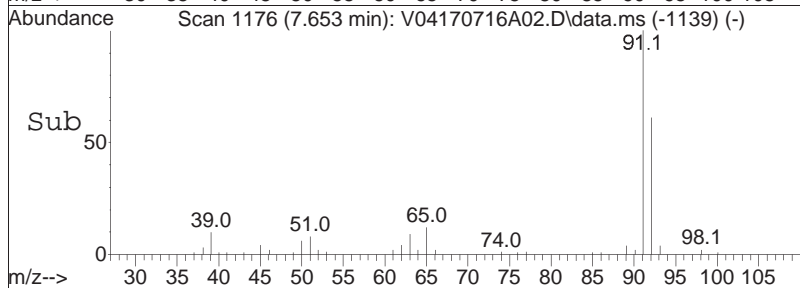
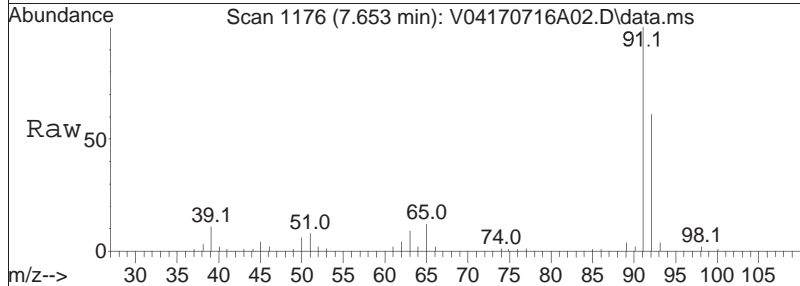
Tgt Ion:	Resp:		
Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.3	37.9
39	53.5	42.6	64.0

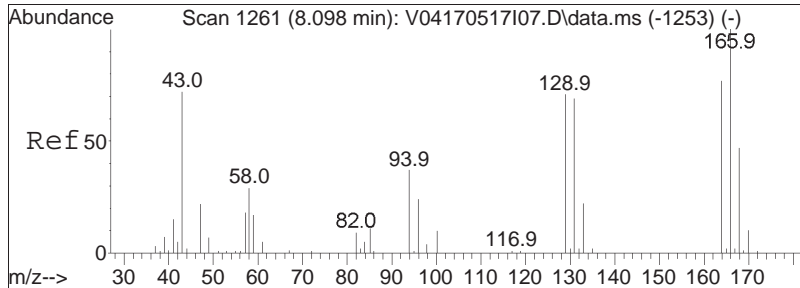




#61
 Toluene
 Concen: 19.85 ug/L
 RT: 7.653 min Scan# 1176
 Delta R.T. -0.005 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

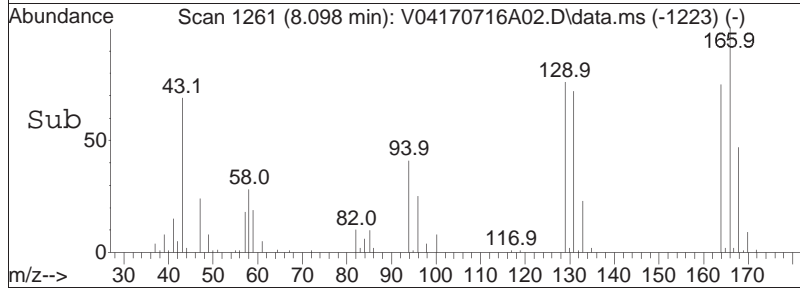
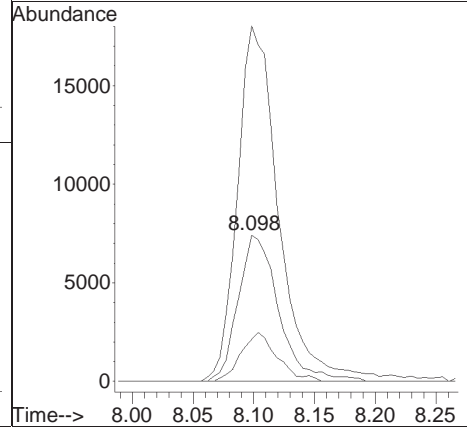
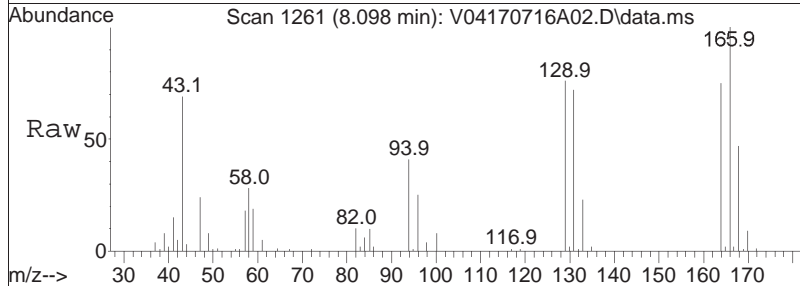
Tgt Ion: 92 Resp: 112018
 Ion Ratio Lower Upper
 92 100
 91 170.1 135.4 203.2

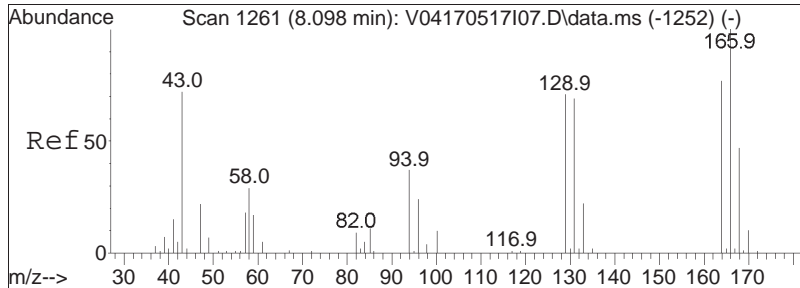




#62
 4-Methyl-2-pentanone
 Concen: 20.62 ug/L
 RT: 8.098 min Scan# 1261
 Delta R.T. 0.000 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

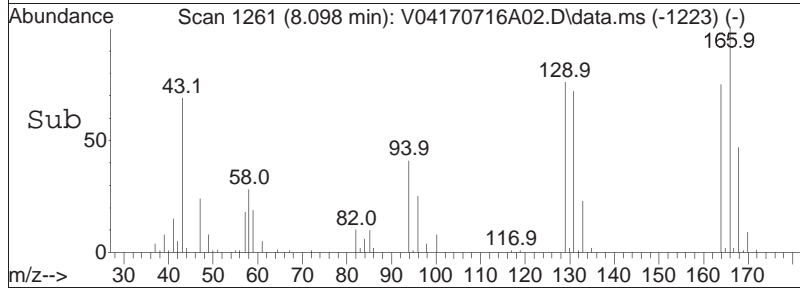
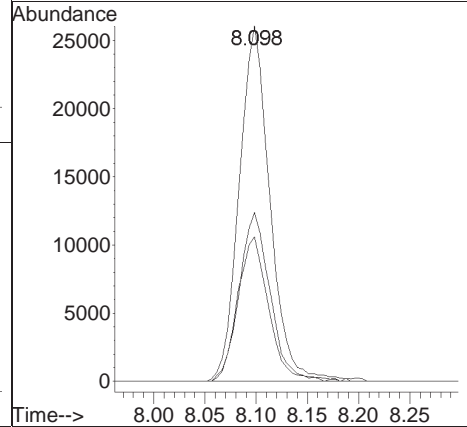
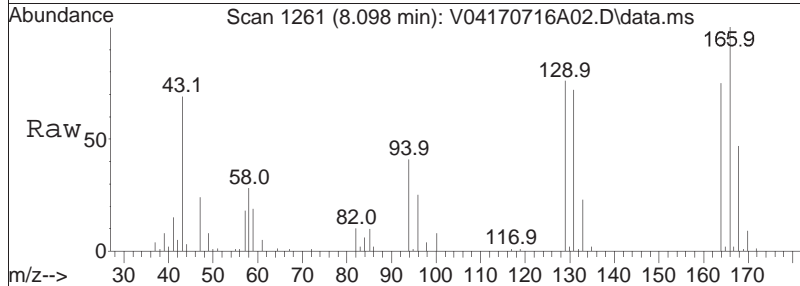
Tgt Ion:	Resp:	Lower	Upper
58	100		
100	30.0	22.2	33.2
43	251.0	188.5	282.7

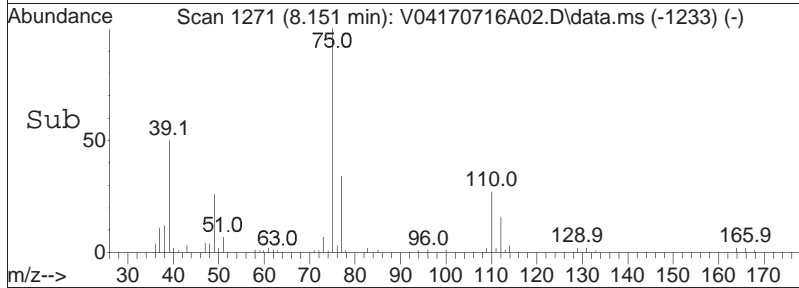
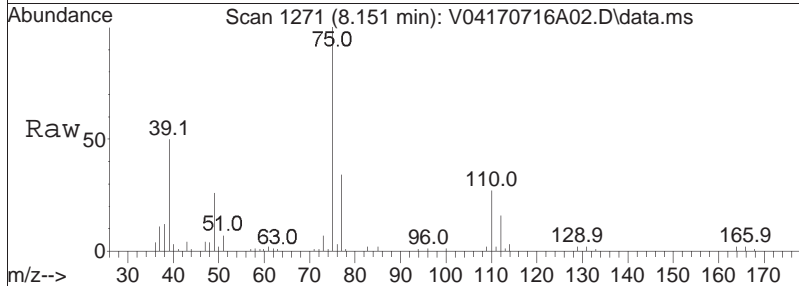
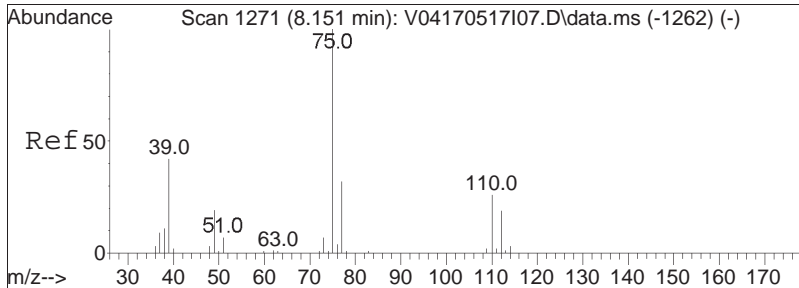




#63
 Tetrachloroethene
 Concen: 19.83 ug/L
 RT: 8.098 min Scan# 1261
 Delta R.T. 0.000 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

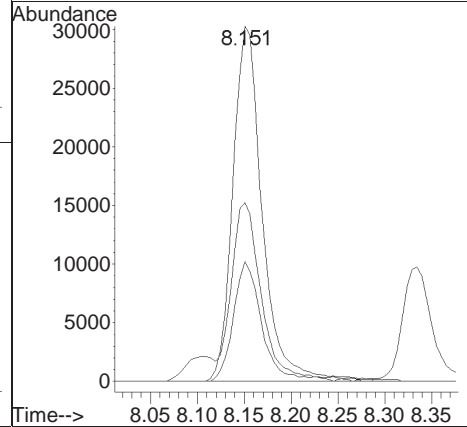
Tgt Ion	Resp	Lower	Upper
166	100		
168	47.5	27.3	67.3
94	40.9	17.1	57.1

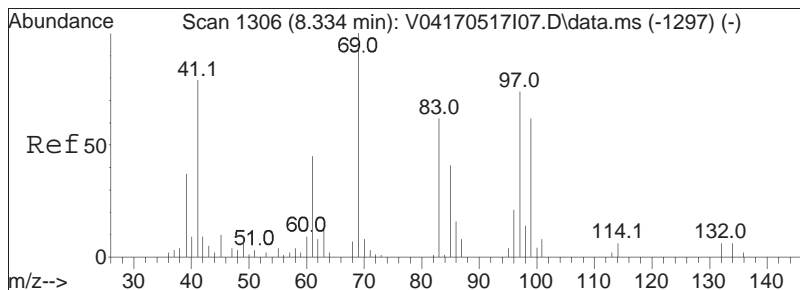




#65
 trans-1,3-Dichloropropene
 Concen: 20.42 ug/L
 RT: 8.151 min Scan# 1271
 Delta R.T. -0.000 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

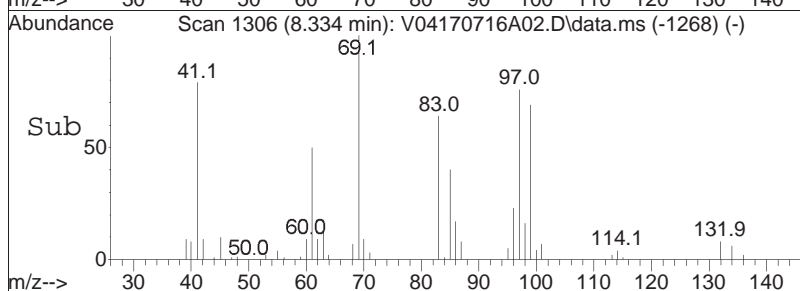
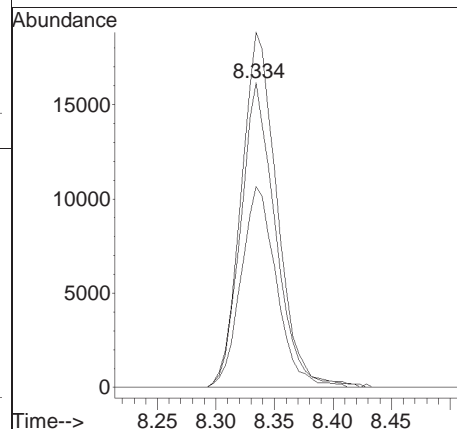
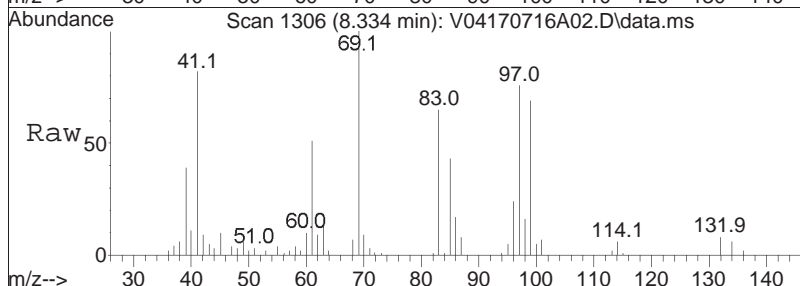
Tgt Ion:	Resp:		
Ion	Ratio	Lower	Upper
75	100		
77	32.6	11.9	51.9
39	50.1	31.2	71.2

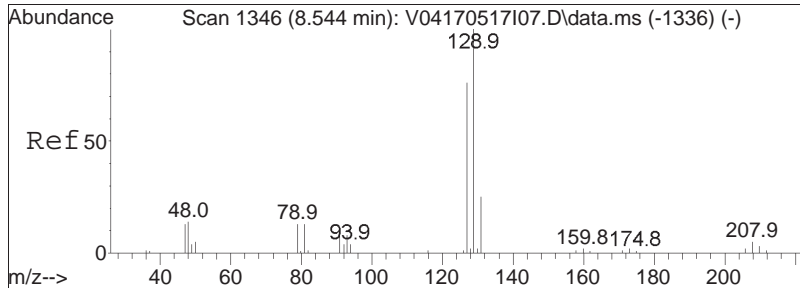




#68
 1,1,2-Trichloroethane
 Concen: 19.73 ug/L
 RT: 8.334 min Scan# 1306
 Delta R.T. 0.000 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

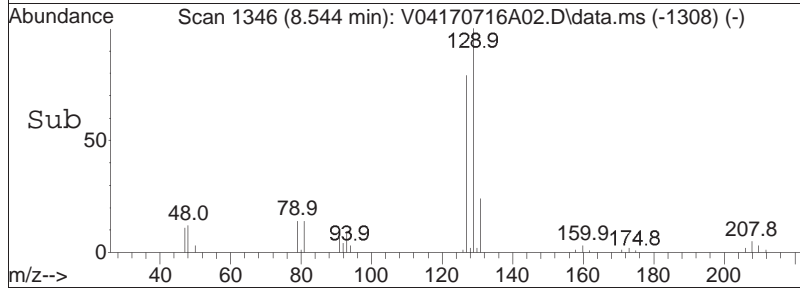
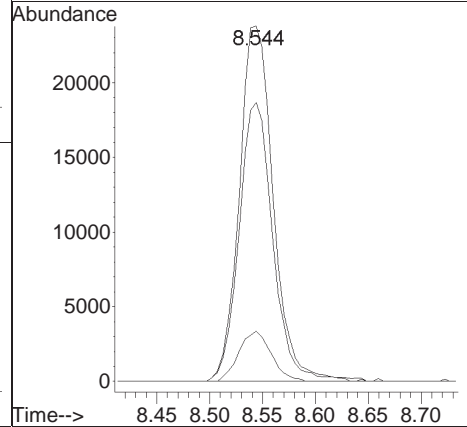
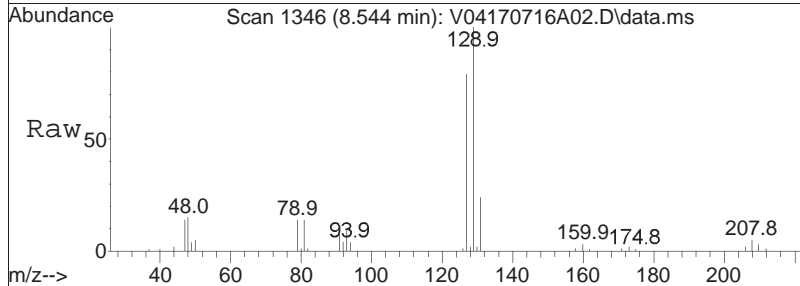
Tgt Ion	Resp	Lower	Upper
83	100		
97	120.1	95.8	135.8
85	67.3	47.8	87.8

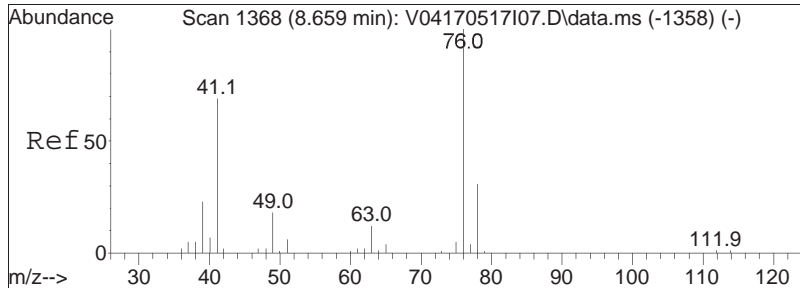




#69
 Chlorodibromomethane
 Concen: 19.60 ug/L
 RT: 8.544 min Scan# 1346
 Delta R.T. -0.000 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

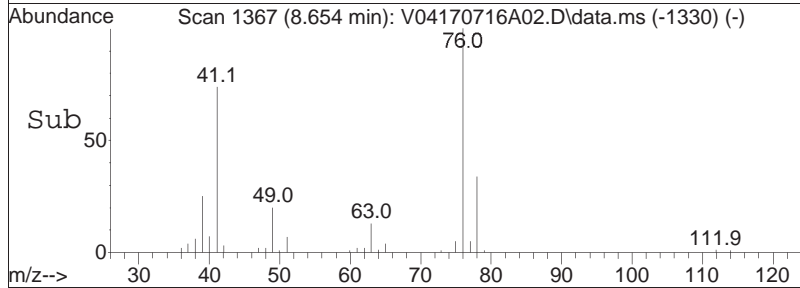
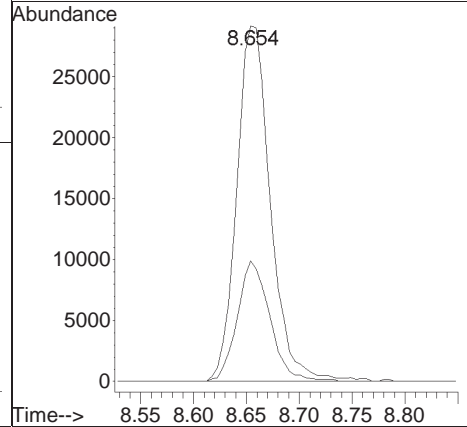
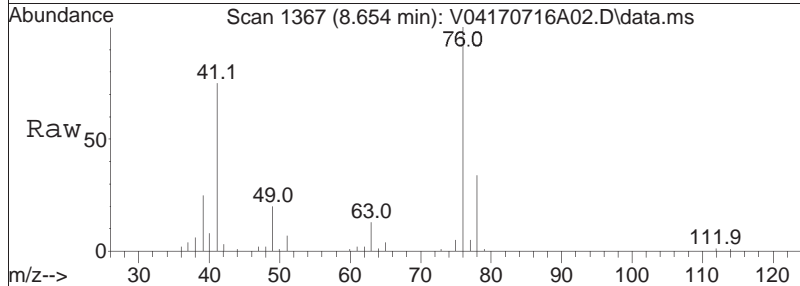
Tgt Ion	Resp	Lower	Upper
129	53319		
129	100		
81	13.5	0.0	33.6
127	77.7	56.6	96.6

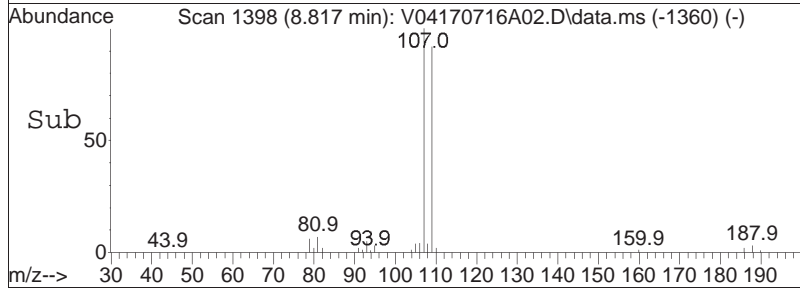
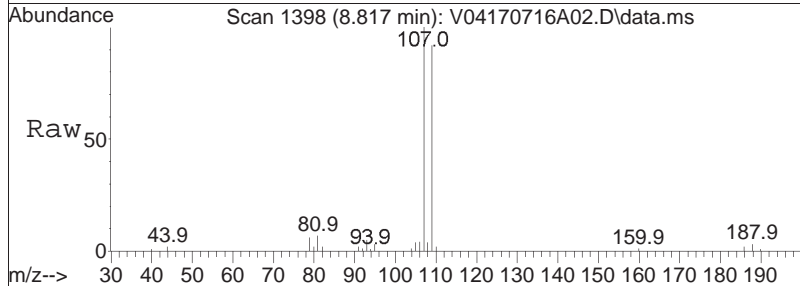
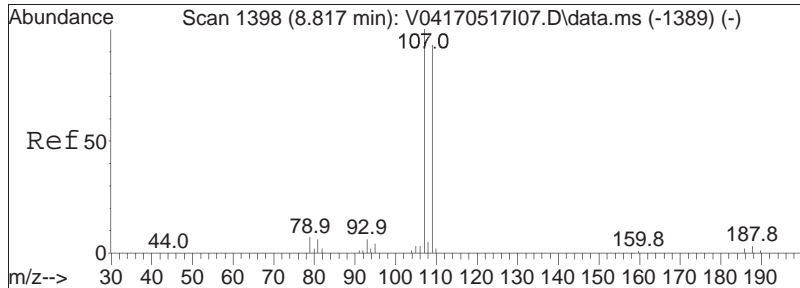




#70
 1,3-Dichloropropane
 Concen: 19.70 ug/L
 RT: 8.654 min Scan# 1367
 Delta R.T. -0.005 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

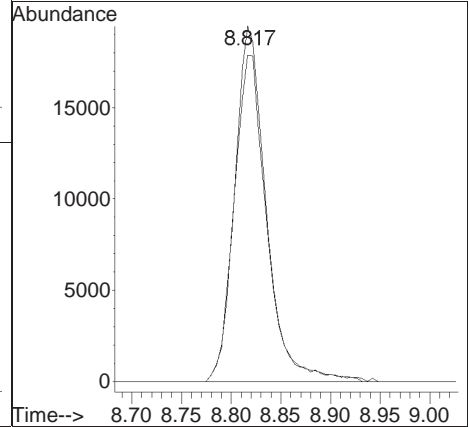
Tgt Ion:	Resp:		
Ion Ratio	Lower	Upper	
76	100		
78	32.7	25.4	38.2

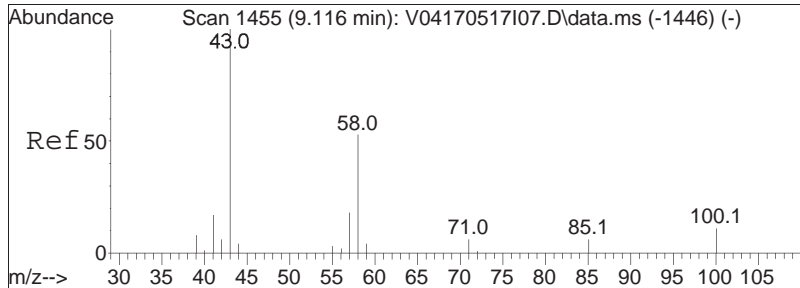




#71
 1,2-Dibromoethane
 Concen: 19.73 ug/L
 RT: 8.817 min Scan# 1398
 Delta R.T. -0.000 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

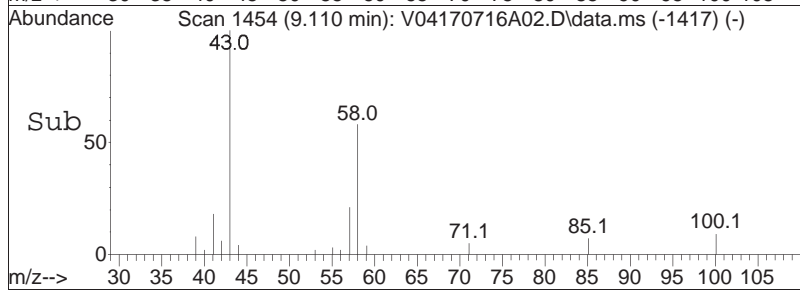
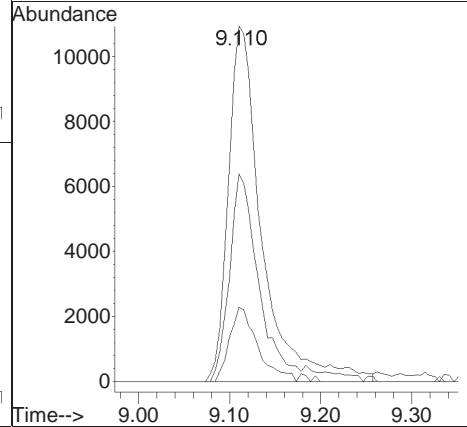
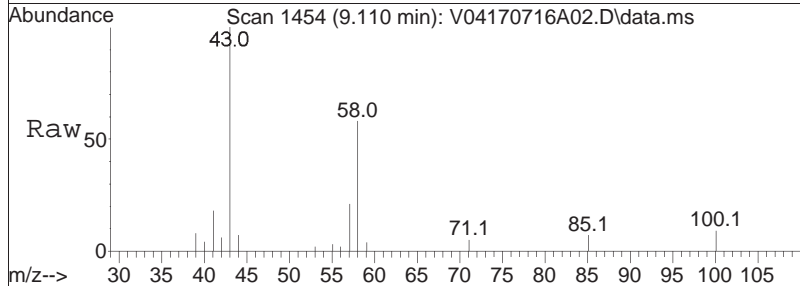
Tgt Ion	Resp	Lower	Upper
107	100		
109	94.5	75.1	112.7

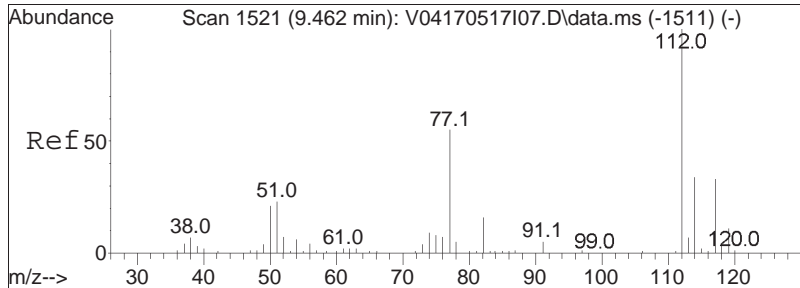




#72
 2-Hexanone
 Concen: 20.42 ug/L
 RT: 9.110 min Scan# 1454
 Delta R.T. -0.006 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

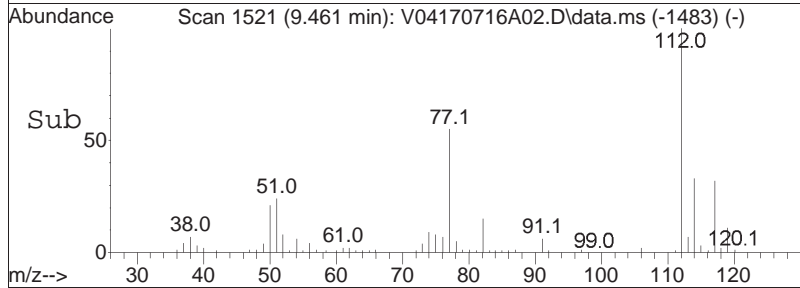
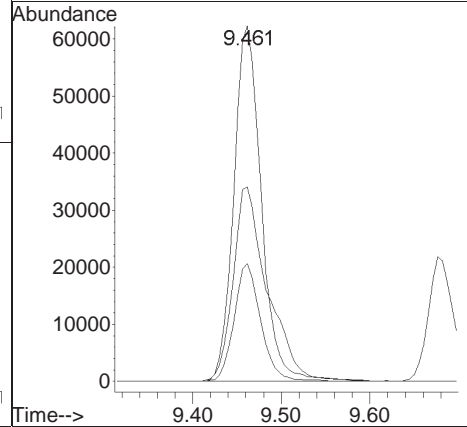
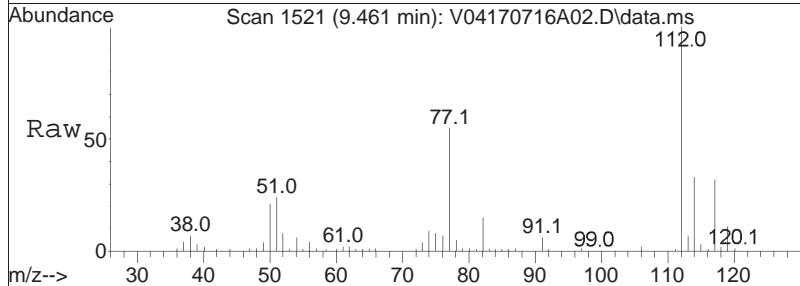
Tgt Ion:	43	58	57	Resp:	27946	Lower	Upper
Ion Ratio	100	50.7	17.6			46.3	69.5

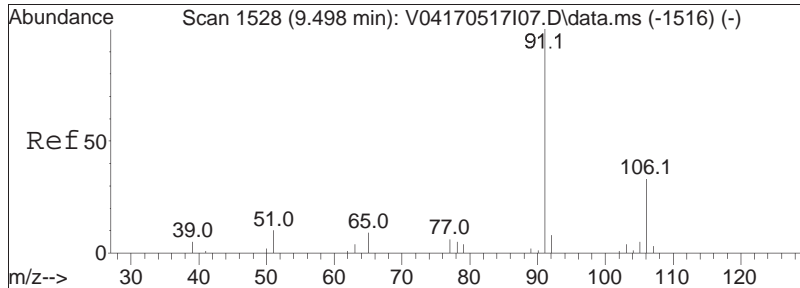




#73
 Chlorobenzene
 Concen: 19.46 ug/L
 RT: 9.461 min Scan# 1521
 Delta R.T. -0.001 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

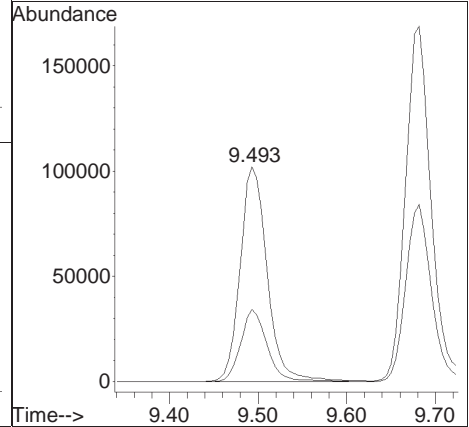
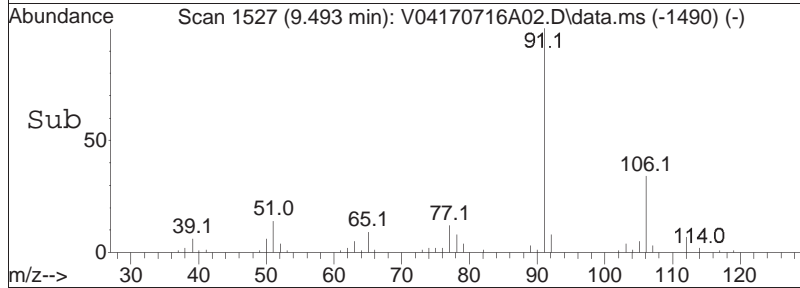
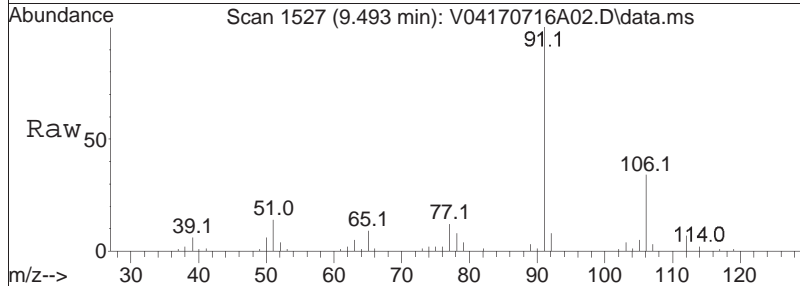
Tgt Ion	Ratio	Lower	Upper
112	100		
77	68.6	54.7	82.1
114	32.1	25.4	38.2

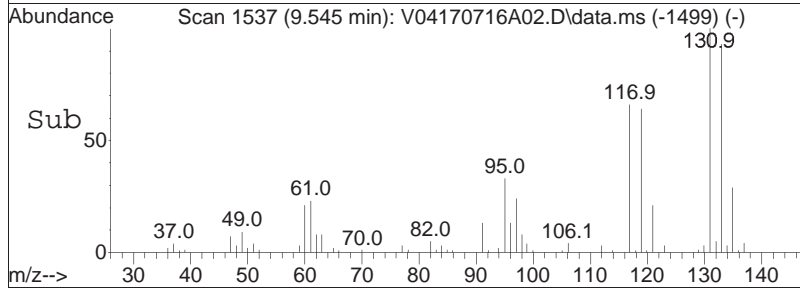
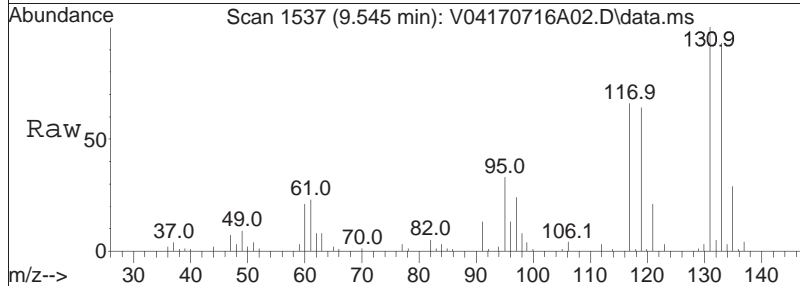
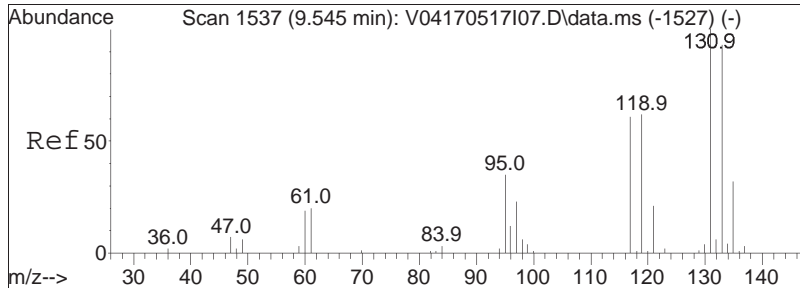




#74
 Ethylbenzene
 Concen: 19.93 ug/L
 RT: 9.493 min Scan# 1527
 Delta R.T. -0.005 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

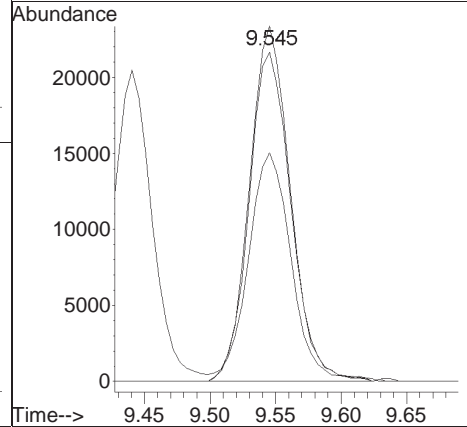
Tgt Ion: 91 Resp: 216127
 Ion Ratio Lower Upper
 91 100
 106 32.4 25.8 38.8

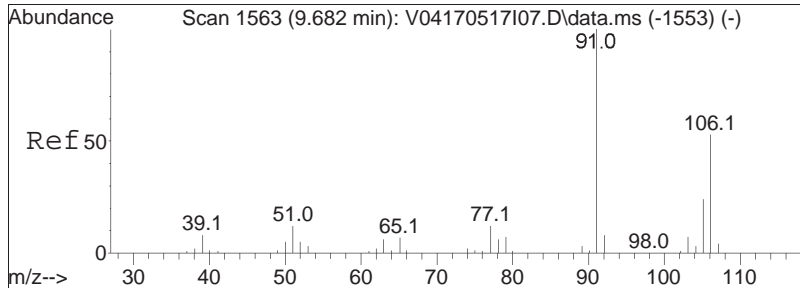




#75
 1,1,1,2-Tetrachloroethane
 Concen: 19.51 ug/L
 RT: 9.545 min Scan# 1537
 Delta R.T. 0.000 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

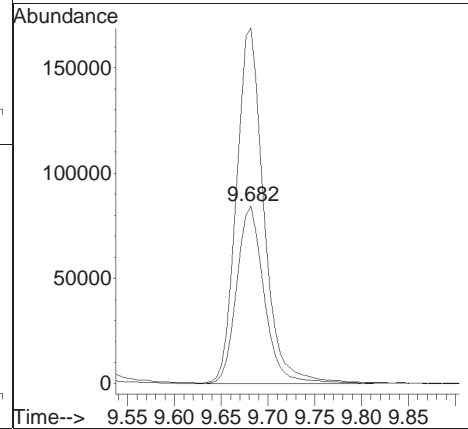
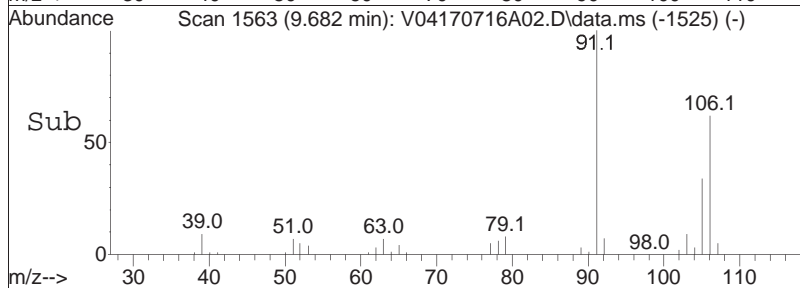
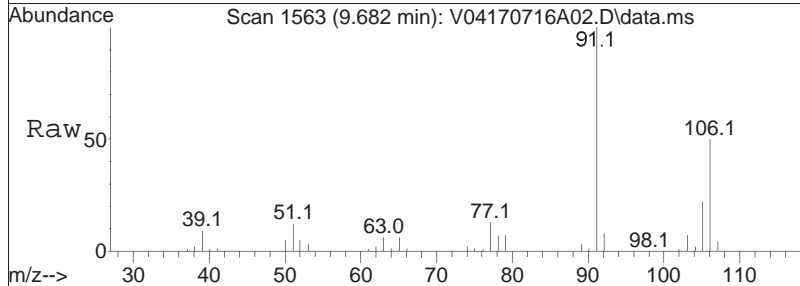
Tgt Ion	Resp	Lower	Upper
131	50991		
131	100		
133	94.9	77.7	117.7
119	67.0	45.6	85.6

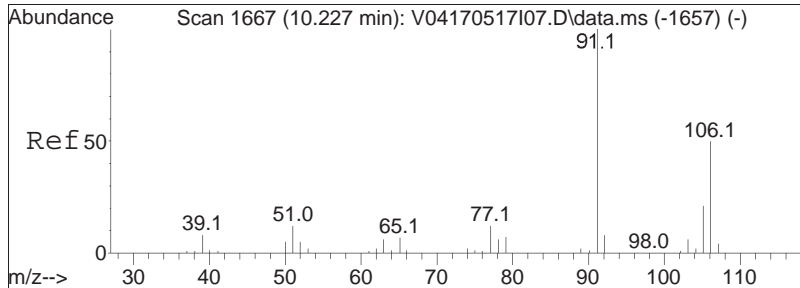




#76
 p/m Xylene
 Concen: 39.24 ug/L
 RT: 9.682 min Scan# 1563
 Delta R.T. -0.000 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

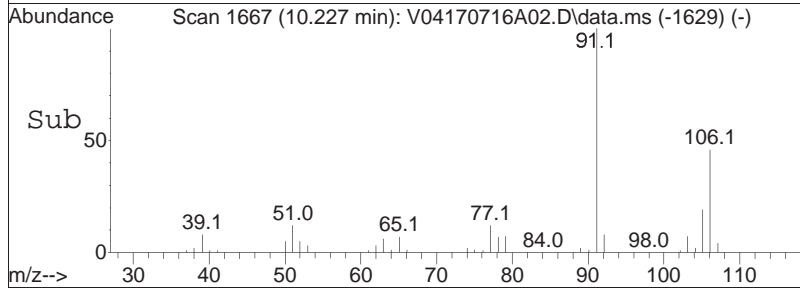
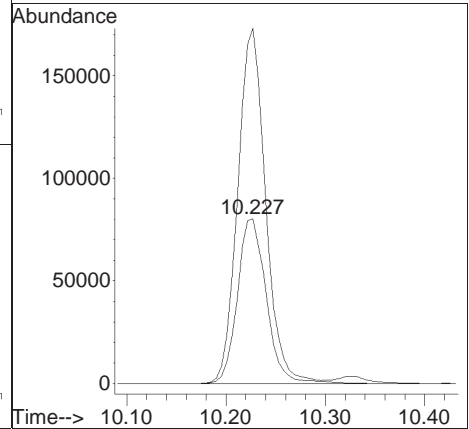
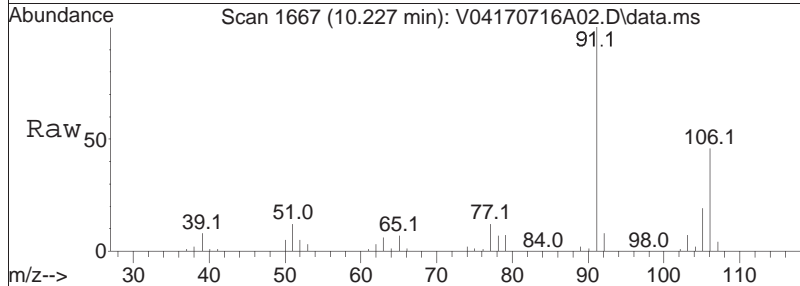
Tgt Ion	Resp	Lower	Upper
106	172357		
91	198.0	155.4	233.0

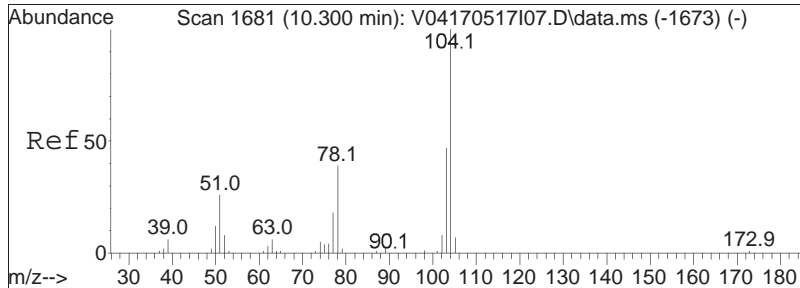




#77
 o Xylene
 Concen: 38.66 ug/L
 RT: 10.227 min Scan# 1667
 Delta R.T. -0.000 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

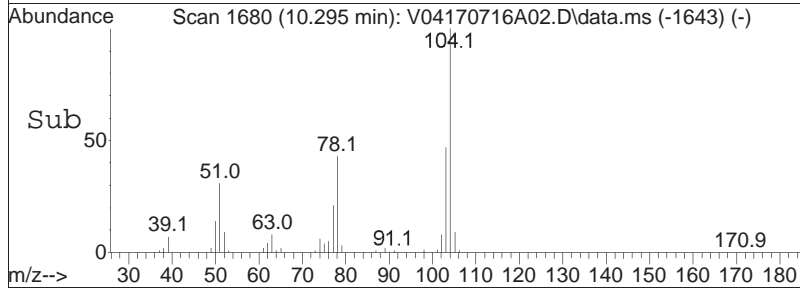
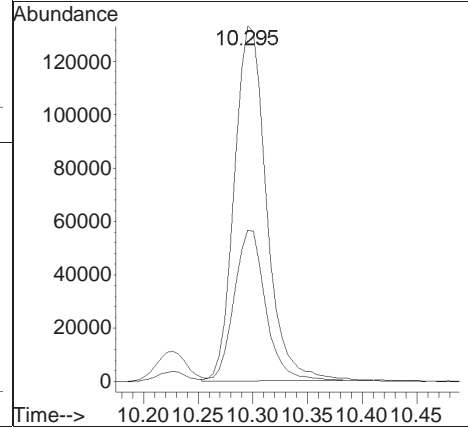
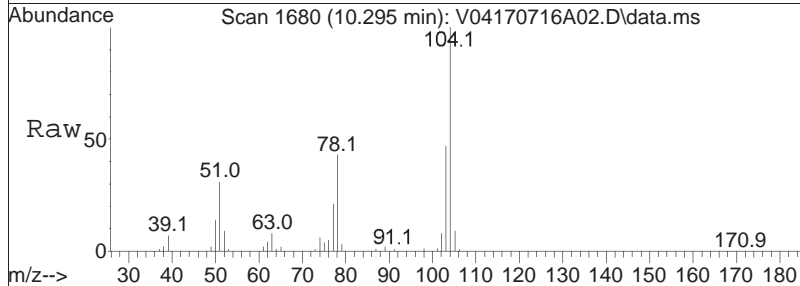
Tgt Ion	Resp	Lower	Upper
106	100		
91	207.9	164.9	247.3

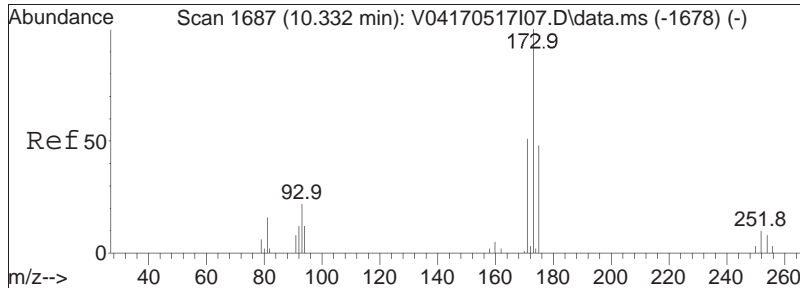




#78
 Styrene
 Concen: 38.99 ug/L
 RT: 10.295 min Scan# 1680
 Delta R.T. -0.005 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

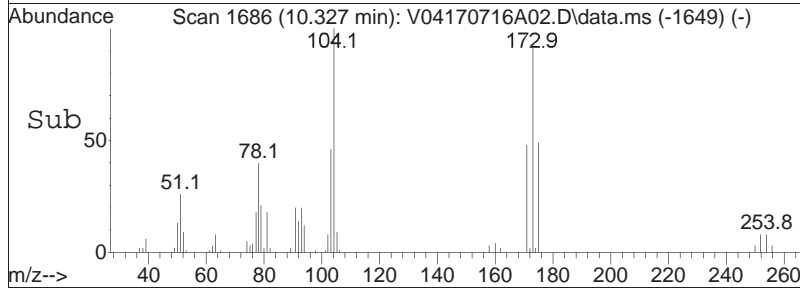
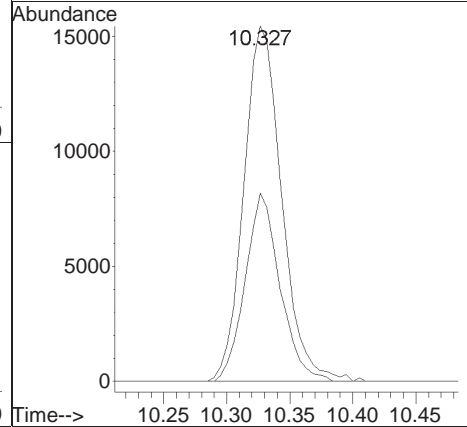
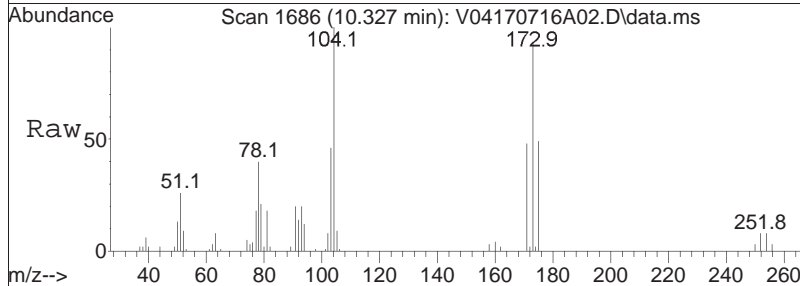
Tgt Ion	104	78	Resp	Lower	Upper
Ion Ratio	100	42.4	272632	33.0	49.4

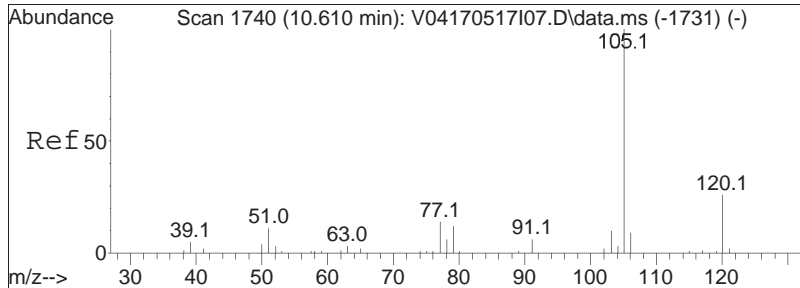




#80
 Bromoform
 Concen: 19.40 ug/L
 RT: 10.327 min Scan# 1686
 Delta R.T. -0.005 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

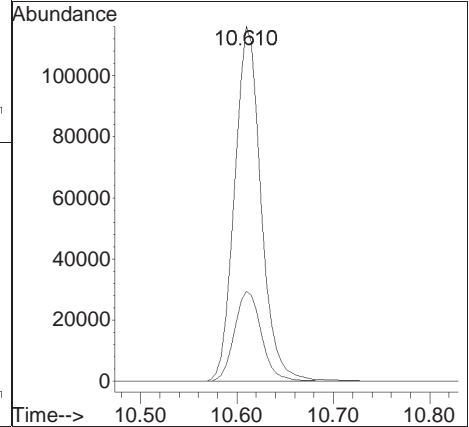
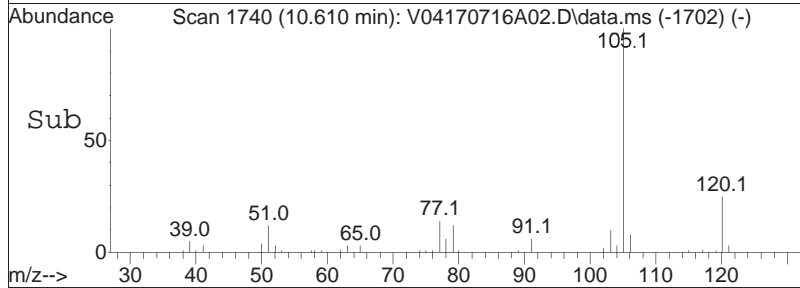
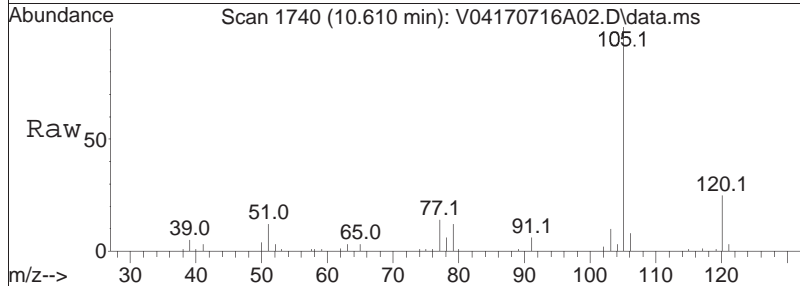
Tgt Ion	Resp	Lower	Upper
173	32283		
175	48.8	28.1	68.1

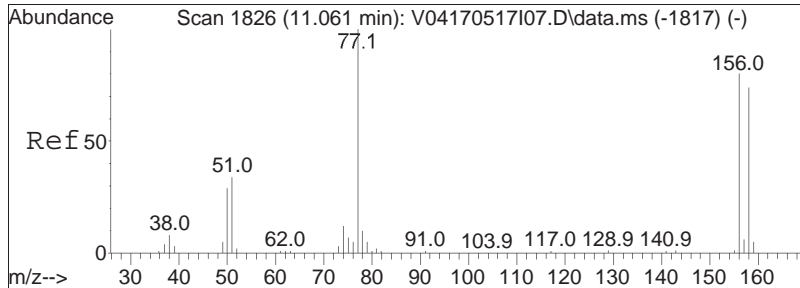




#82
 Isopropylbenzene
 Concen: 20.56 ug/L
 RT: 10.610 min Scan# 1740
 Delta R.T. -0.000 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

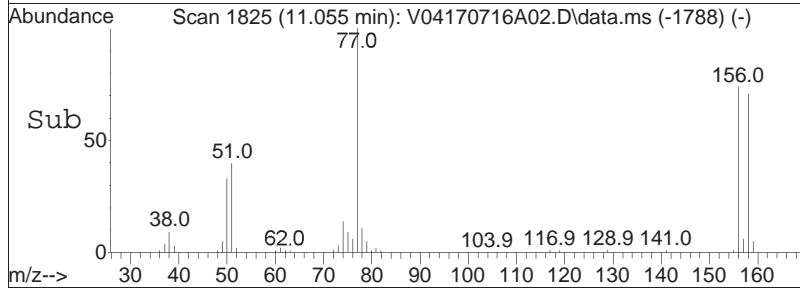
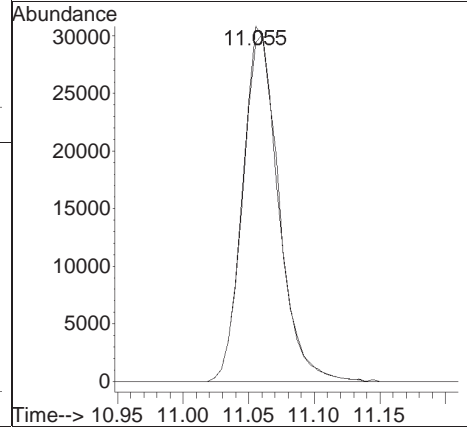
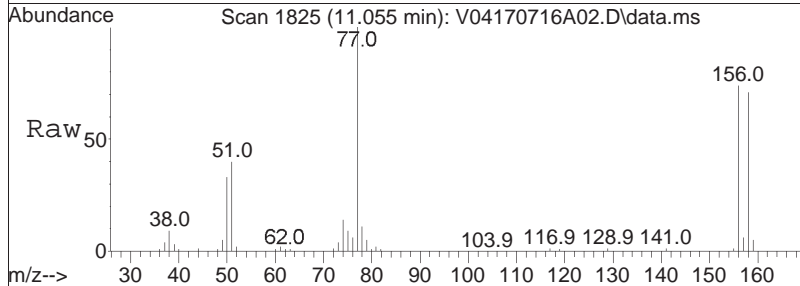
Tgt Ion	Resp	Lower	Upper
105	100		
120	25.9	6.3	46.3

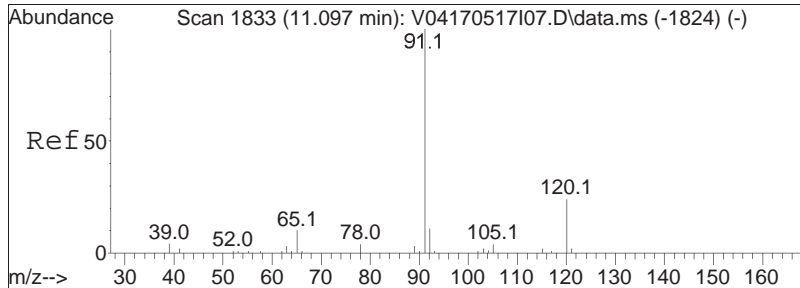




#84
 Bromobenzene
 Concen: 19.80 ug/L
 RT: 11.055 min Scan# 1825
 Delta R.T. -0.006 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

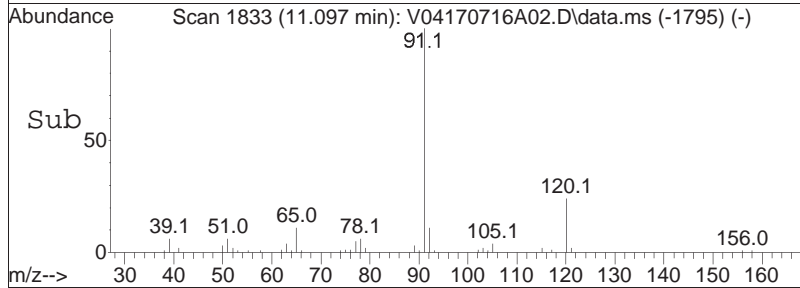
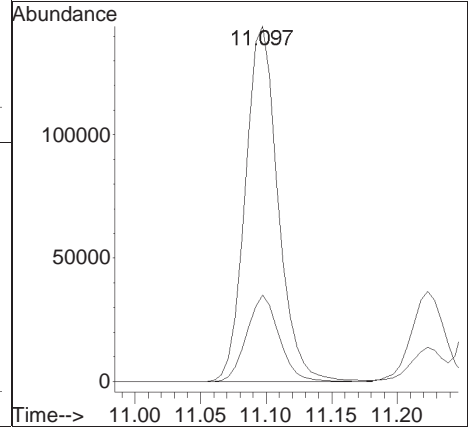
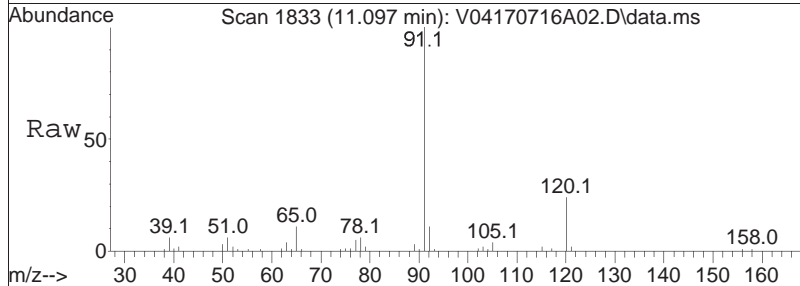
Tgt Ion	Resp	Lower	Upper
156	100		
158	97.5	78.2	117.4

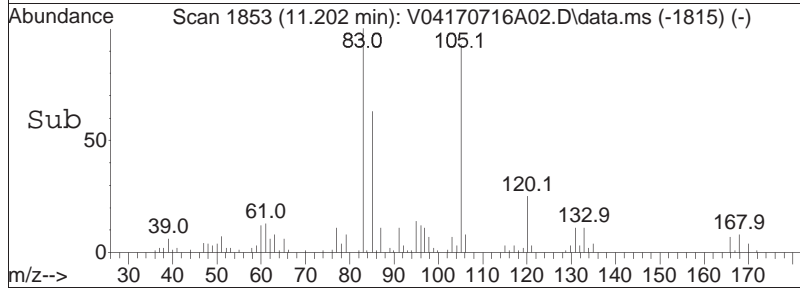
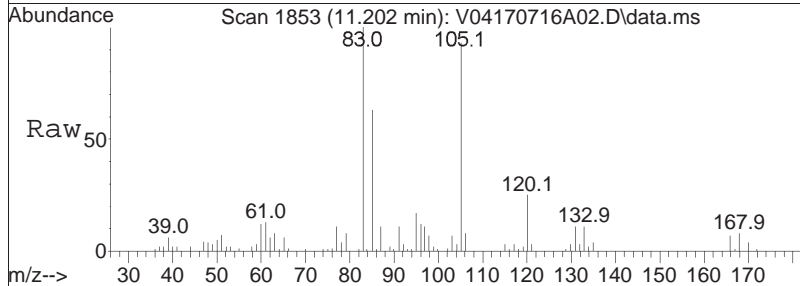
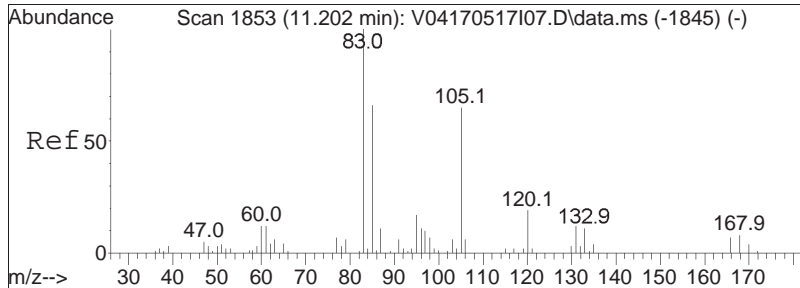




#85
 n-Propylbenzene
 Concen: 20.90 ug/L
 RT: 11.097 min Scan# 1833
 Delta R.T. 0.000 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

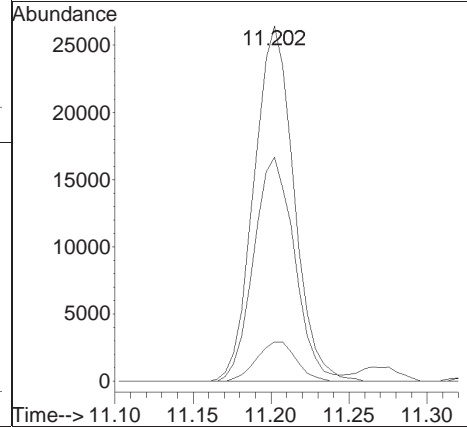
Tgt Ion: 91 Resp: 249703
 Ion Ratio Lower Upper
 91 100
 120 23.8 19.1 28.7

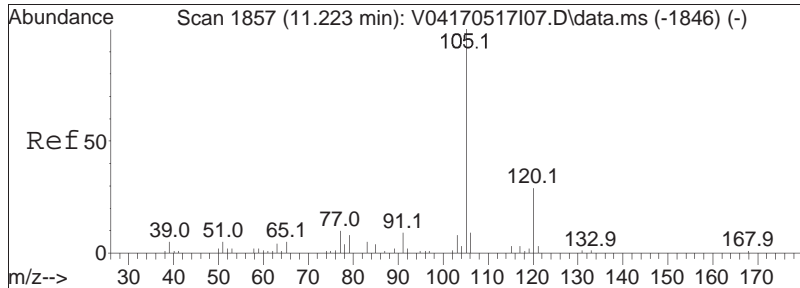




#87
 1,1,2,2-Tetrachloroethane
 Concen: 19.55 ug/L
 RT: 11.202 min Scan# 1853
 Delta R.T. 0.000 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

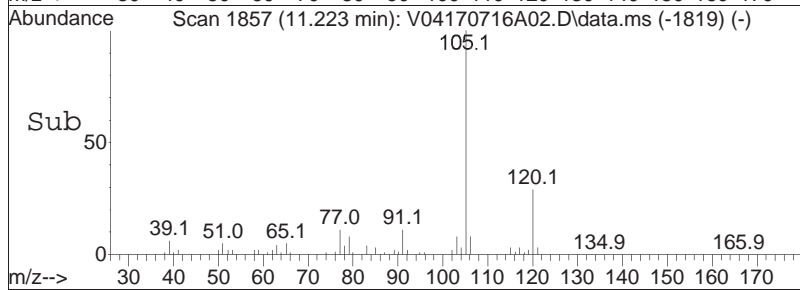
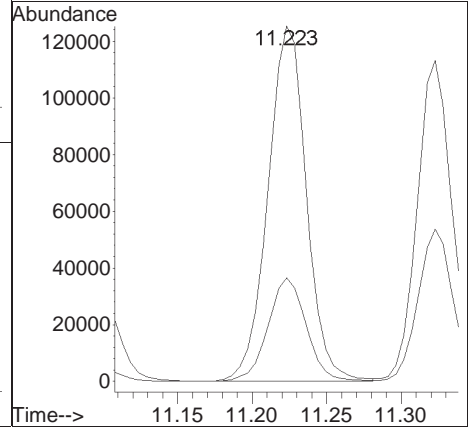
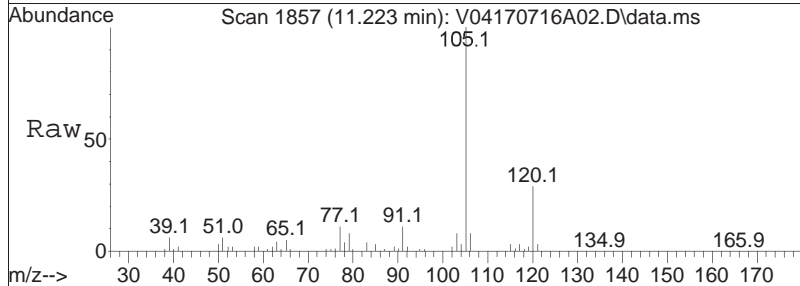
Tgt Ion:	83	Resp:	47005
Ion Ratio	Lower	Upper	
83	100		
131	11.2	0.0	30.9
85	64.6	45.3	85.3

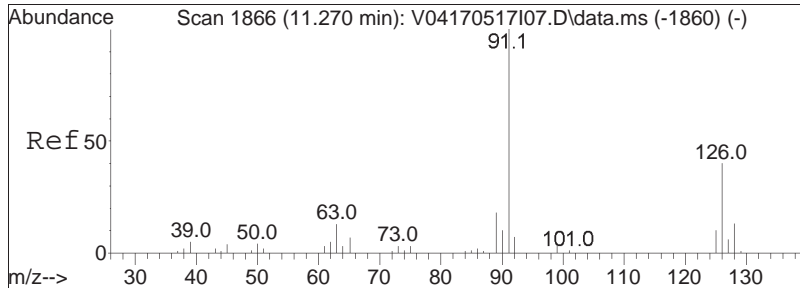




#88
 4-Ethyltoluene
 Concen: 21.67 ug/L
 RT: 11.223 min Scan# 1857
 Delta R.T. 0.000 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

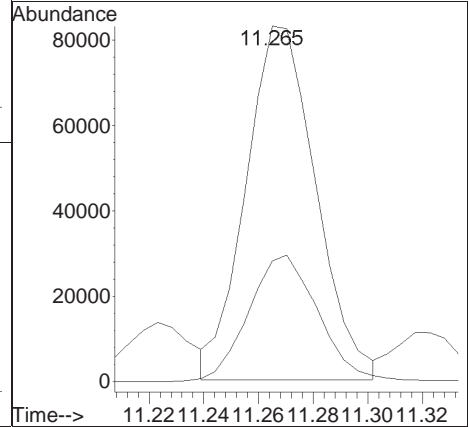
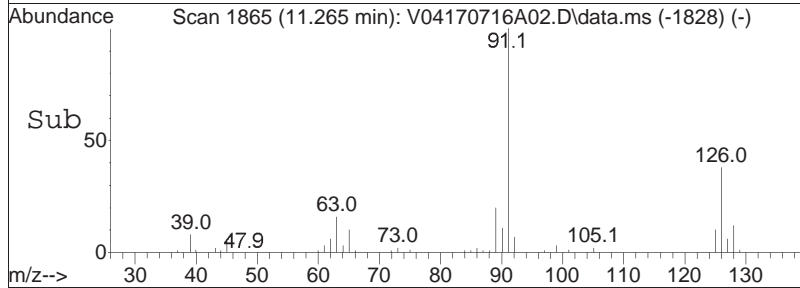
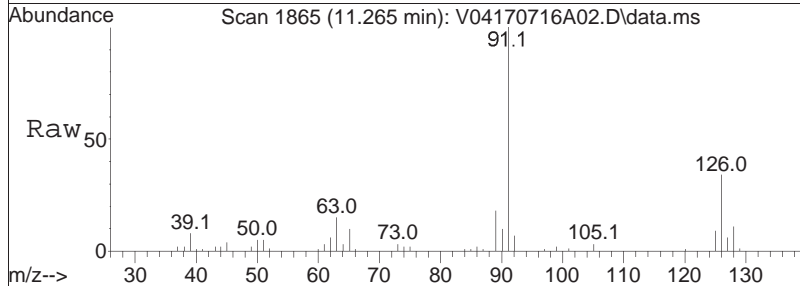
Tgt Ion	Resp	Lower	Upper
105	100		
120	29.0	19.5	40.5

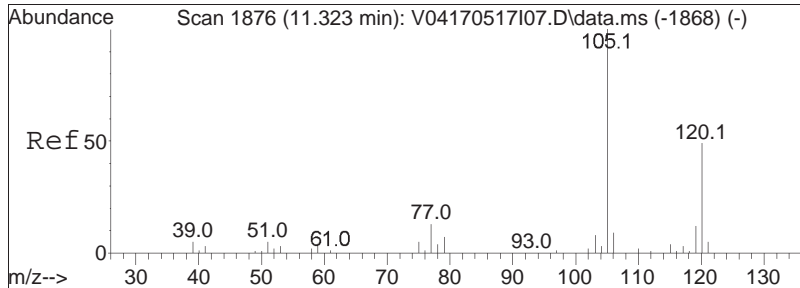




#89
 2-Chlorotoluene
 Concen: 20.33 ug/L
 RT: 11.265 min Scan# 1865
 Delta R.T. -0.005 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

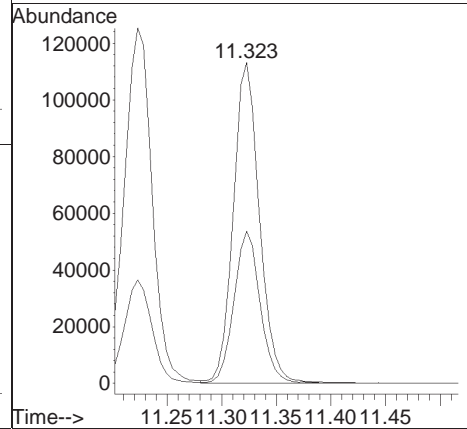
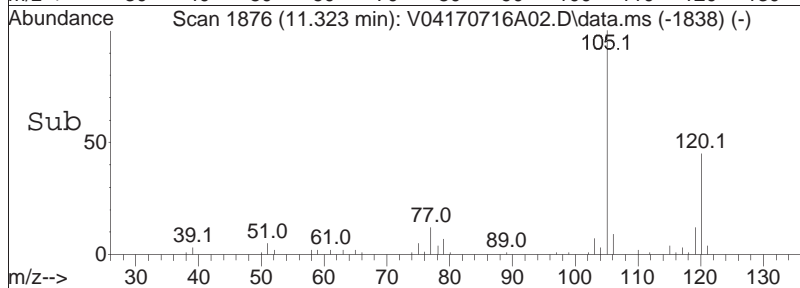
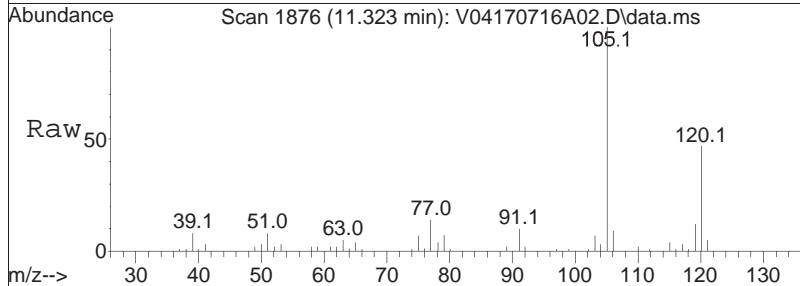
Tgt Ion:	91	126	Resp:	147570
Ion Ratio	100	35.6	Lower	Upper
			29.4	44.0

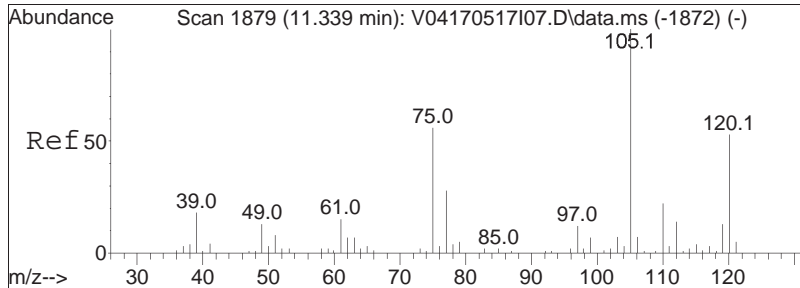




#90
 1,3,5-Trimethylbenzene
 Concen: 20.95 ug/L
 RT: 11.323 min Scan# 1876
 Delta R.T. -0.000 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

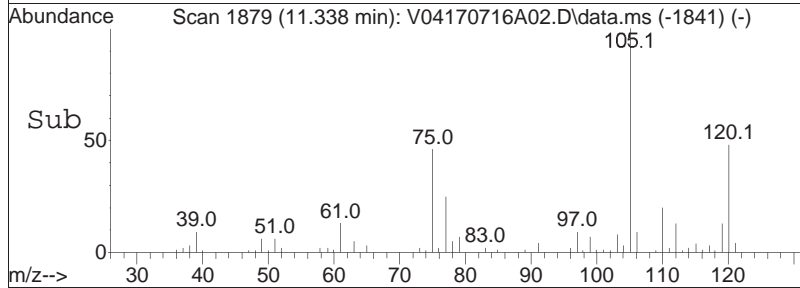
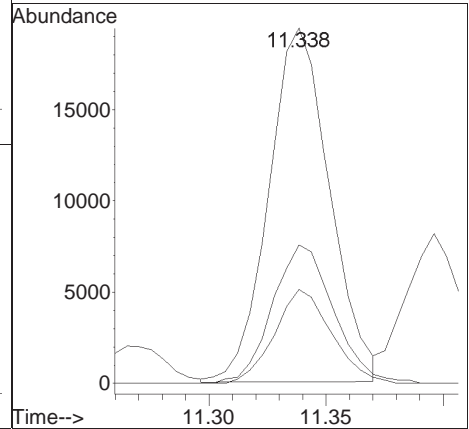
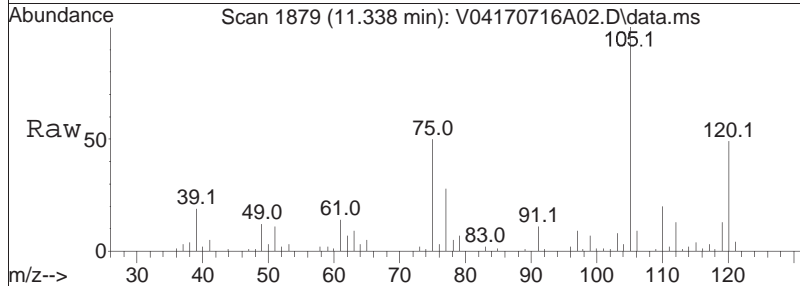
Tgt Ion	Resp	Lower	Upper
105	100		
120	47.6	38.9	58.3

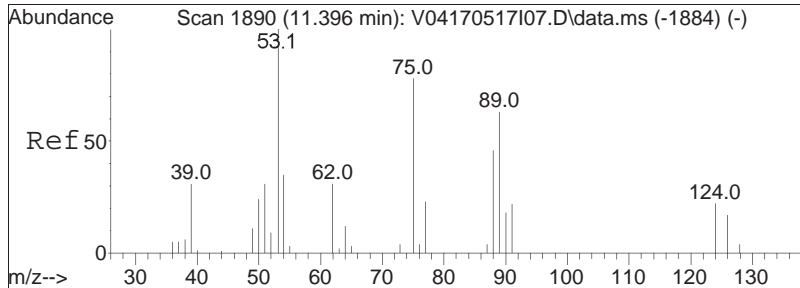




#91
 1,2,3-Trichloropropane
 Concen: 19.81 ug/L
 RT: 11.338 min Scan# 1879
 Delta R.T. -0.001 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

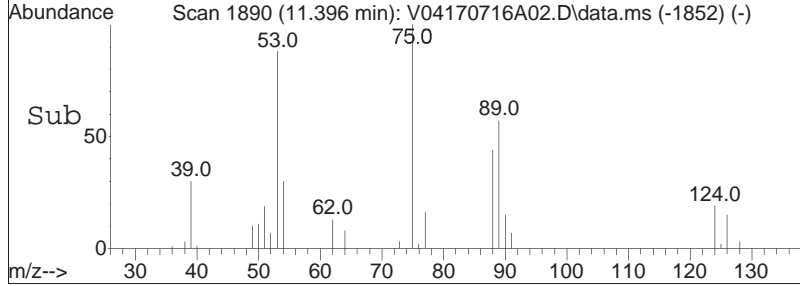
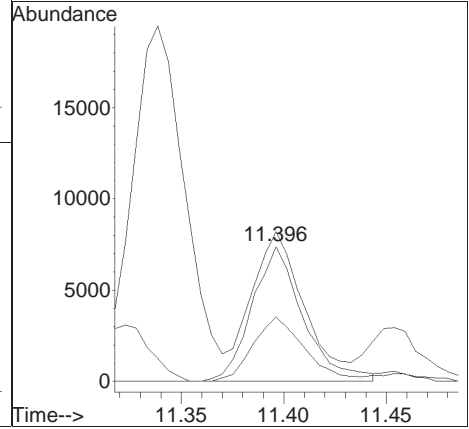
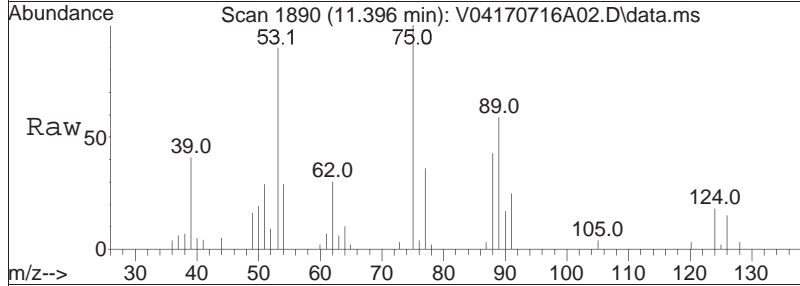
Tgt Ion:	75	Resp:	35043
Ion Ratio	Lower	Upper	
75	100		
110	39.3	23.7	49.3
112	24.9	15.0	31.2

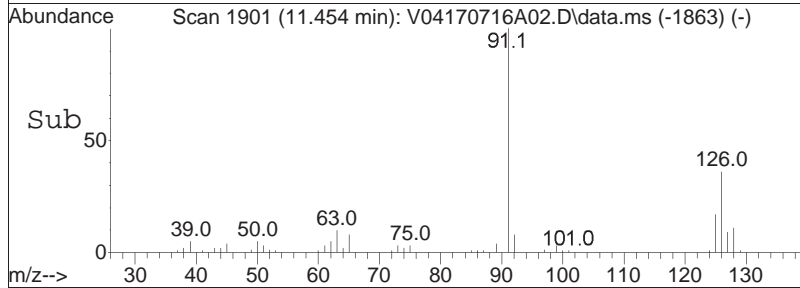
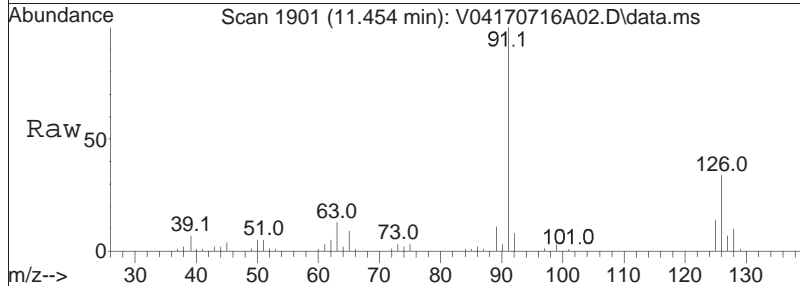
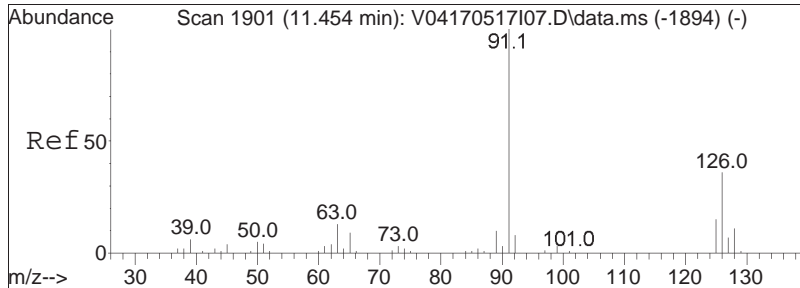




#92
 trans-1,4-Dichloro-2-butene
 Concen: 19.37 ug/L
 RT: 11.396 min Scan# 1890
 Delta R.T. 0.000 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

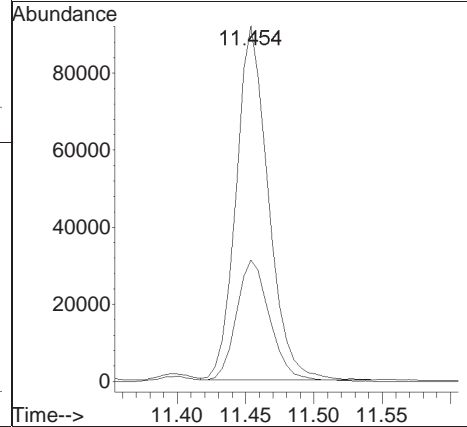
Tgt Ion	Resp	Lower	Upper
53	12832		
53	100		
88	48.3	33.1	49.7
75	110.8	89.1	133.7

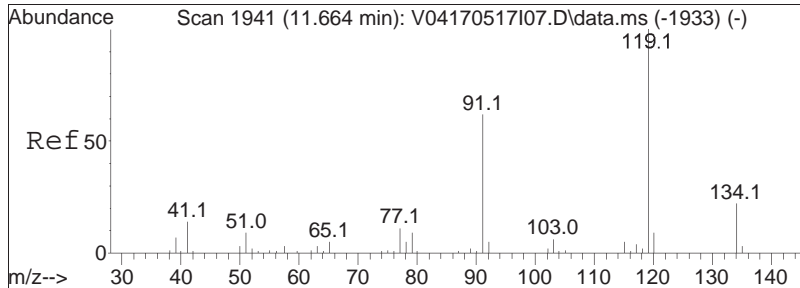




#93
 4-Chlorotoluene
 Concen: 20.58 ug/L
 RT: 11.454 min Scan# 1901
 Delta R.T. -0.000 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

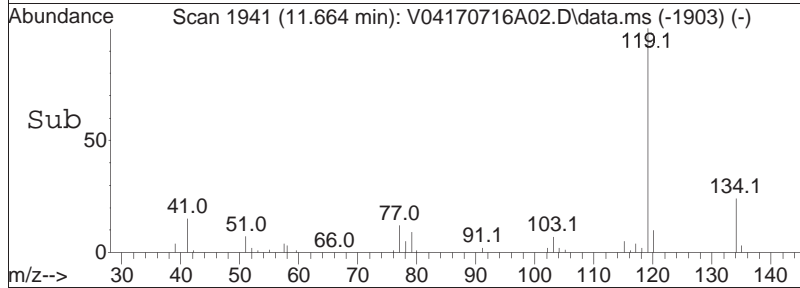
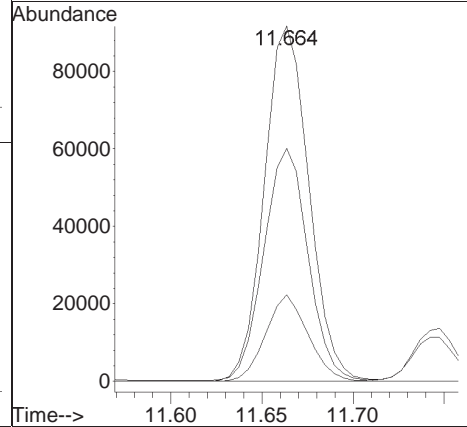
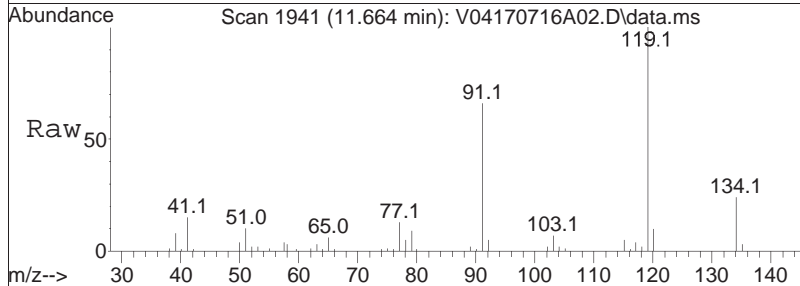
Tgt Ion: 91 Resp: 150429
 Ion Ratio Lower Upper
 91 100
 126 36.1 28.9 43.3

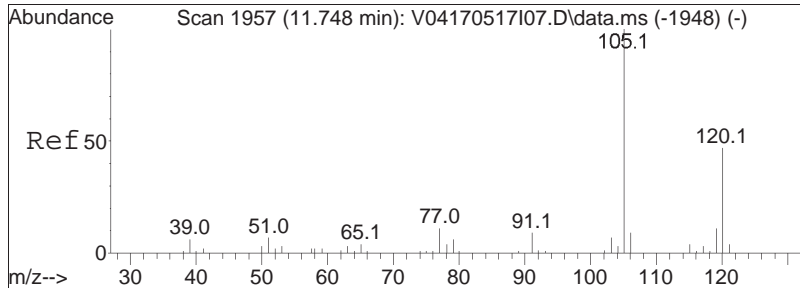




#94
 tert-Butylbenzene
 Concen: 20.67 ug/L
 RT: 11.664 min Scan# 1941
 Delta R.T. -0.000 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

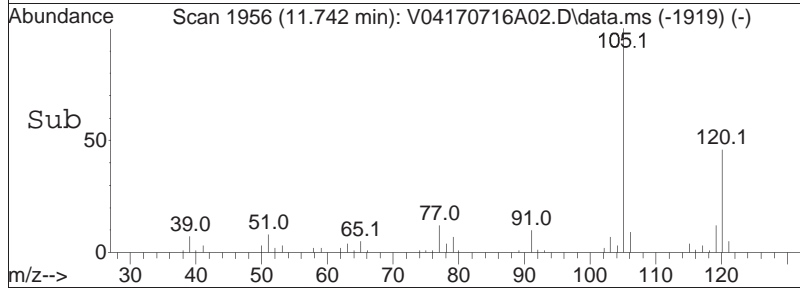
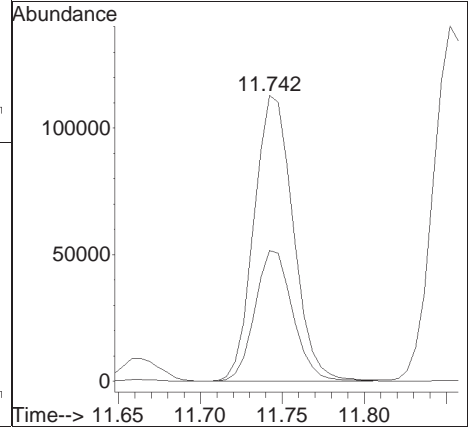
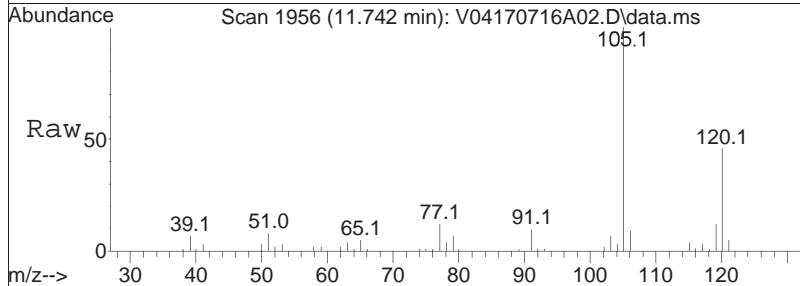
Tgt Ion	Ratio	Lower	Upper
119	100		
91	64.8	51.4	77.0
134	23.2	19.8	29.6

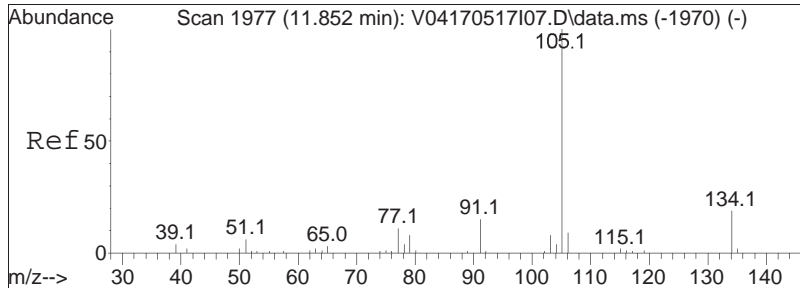




#97
 1,2,4-Trimethylbenzene
 Concen: 20.87 ug/L
 RT: 11.742 min Scan# 1956
 Delta R.T. -0.006 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

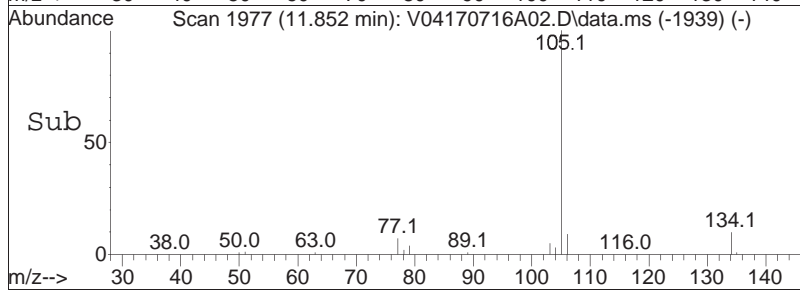
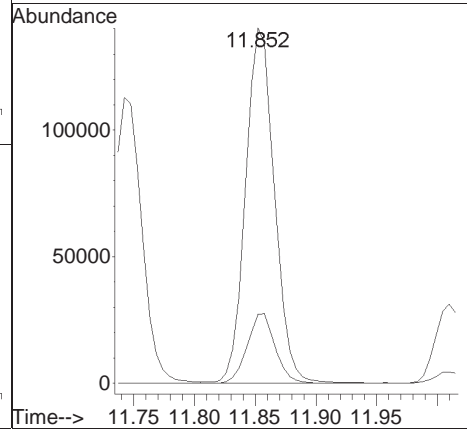
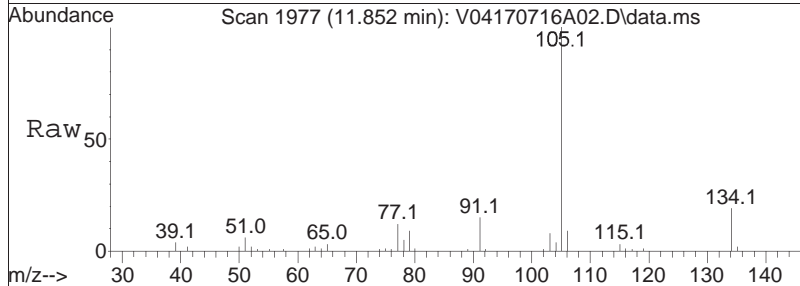
Tgt Ion	Resp	Lower	Upper
105	100		
120	44.4	36.8	55.2

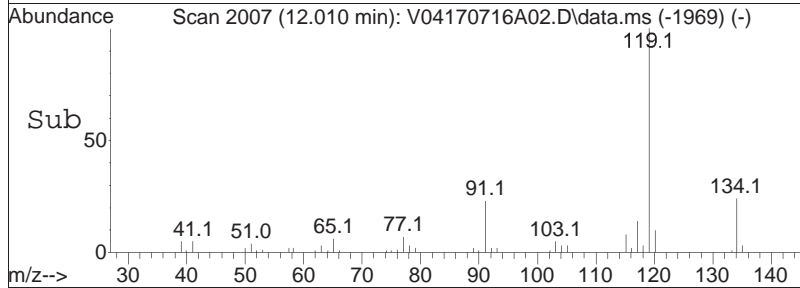
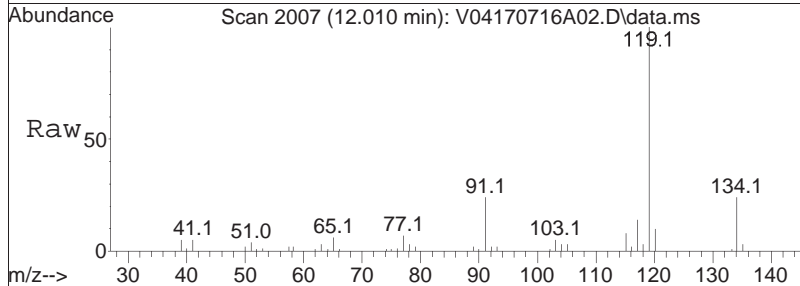
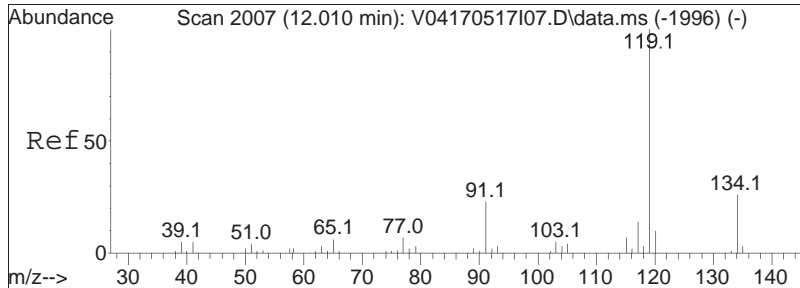




#98
 sec-Butylbenzene
 Concen: 20.57 ug/L
 RT: 11.852 min Scan# 1977
 Delta R.T. 0.000 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

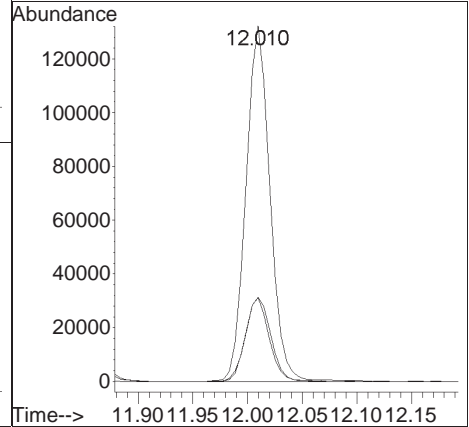
Tgt Ion	Resp	Lower	Upper
105	100		
134	19.1	12.9	26.9

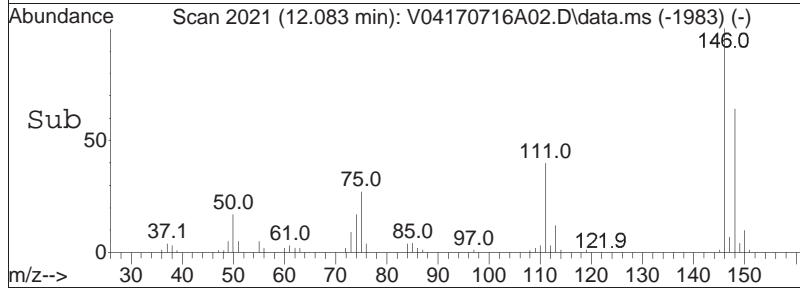
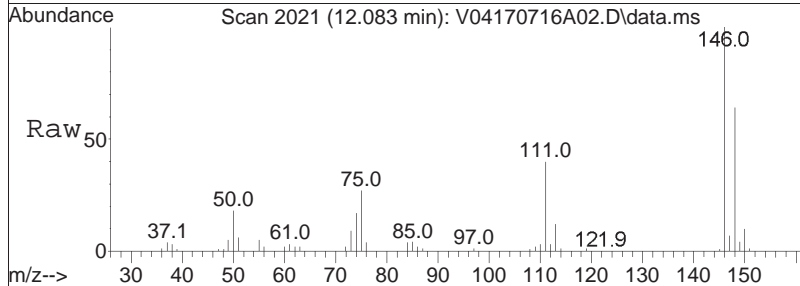
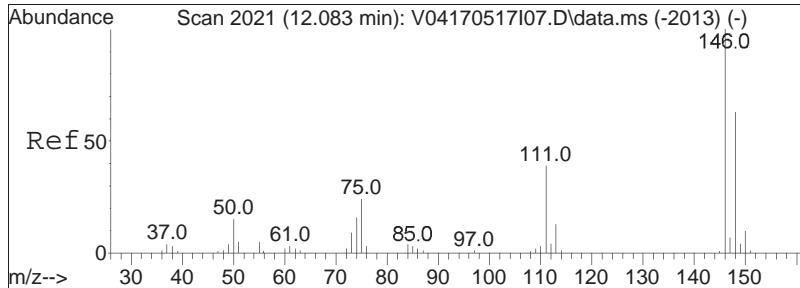




#99
 p-Isopropyltoluene
 Concen: 20.91 ug/L
 RT: 12.010 min Scan# 2007
 Delta R.T. -0.000 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

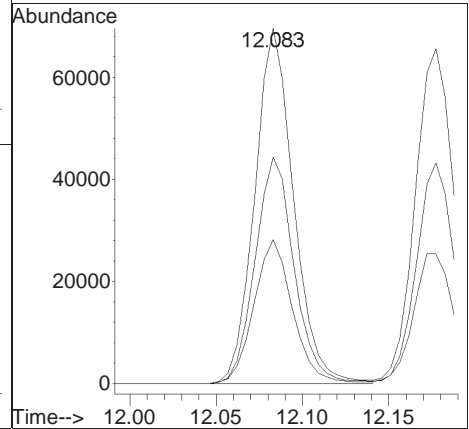
Tgt Ion	Ratio	Lower	Upper
119	100		
134	24.7	17.2	35.8
91	23.3	14.4	30.0

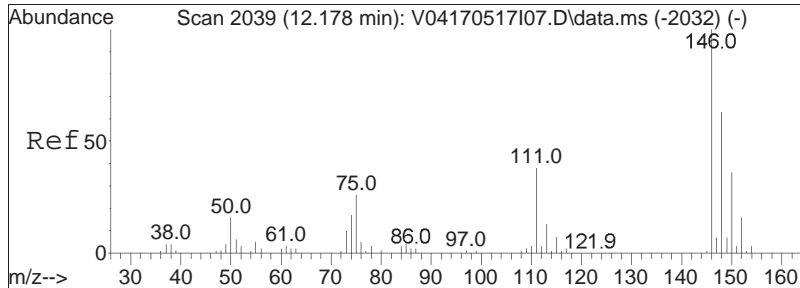




#100
 1,3-Dichlorobenzene
 Concen: 20.03 ug/L
 RT: 12.083 min Scan# 2021
 Delta R.T. -0.000 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

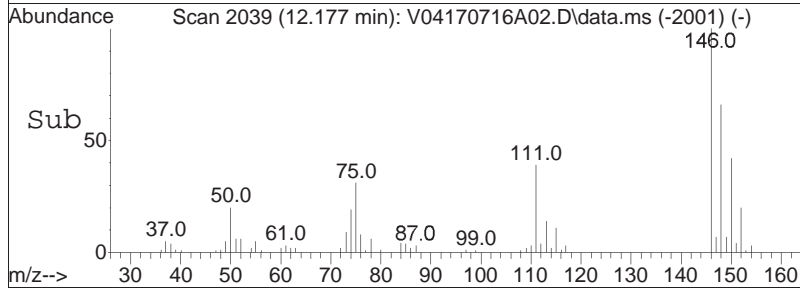
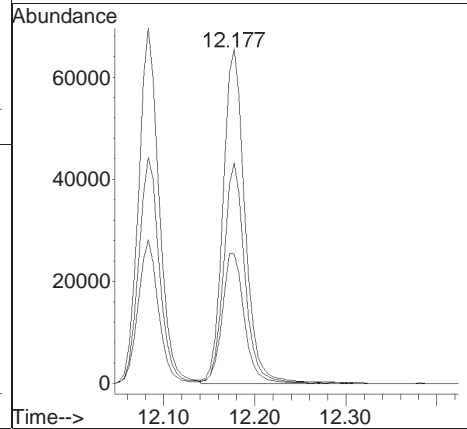
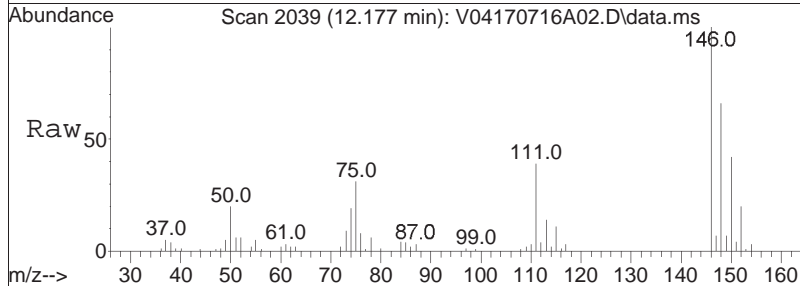
Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.3	24.8	51.6
148	64.1	41.2	85.6

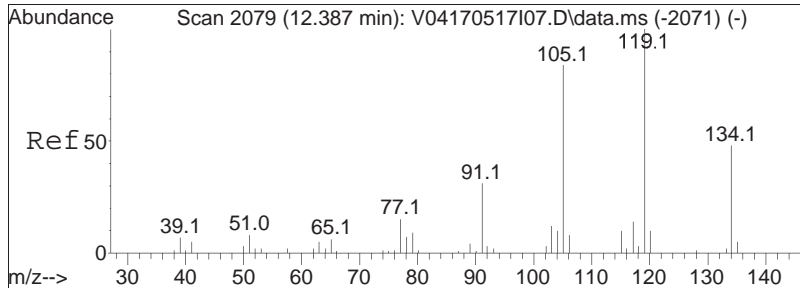




#101
 1,4-Dichlorobenzene
 Concen: 19.82 ug/L
 RT: 12.177 min Scan# 2039
 Delta R.T. -0.001 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

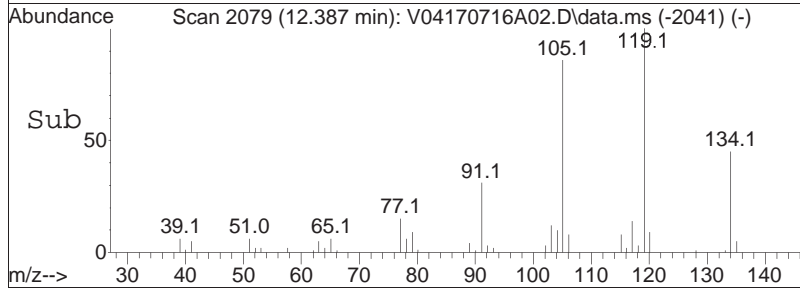
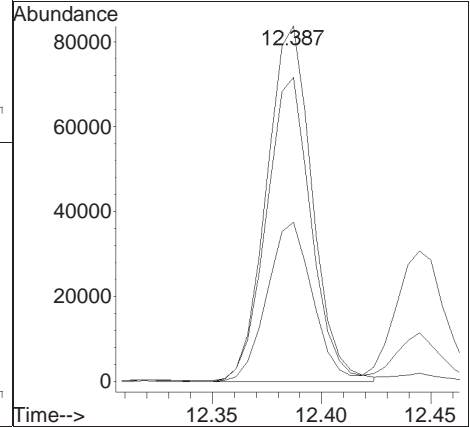
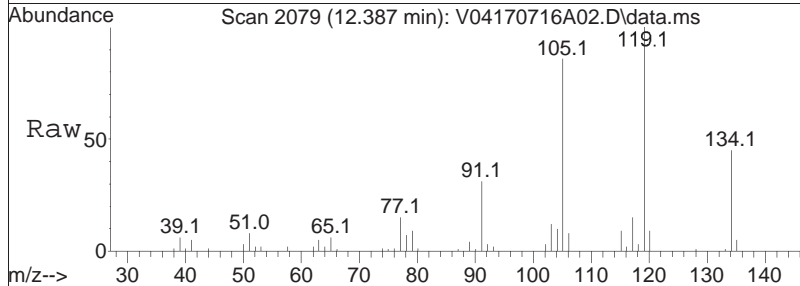
Tgt Ion	Resp	Lower	Upper
146	109635		
111	39.3	30.6	45.8
148	63.5	51.0	76.4

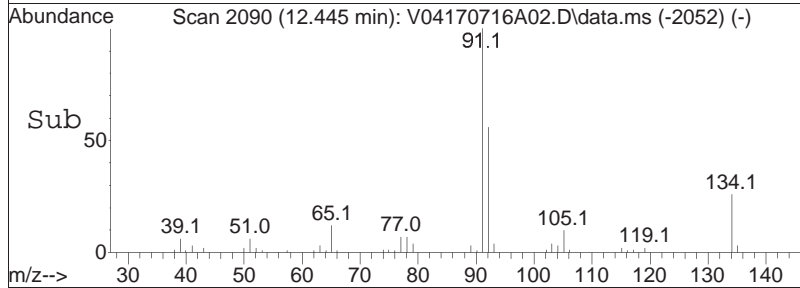
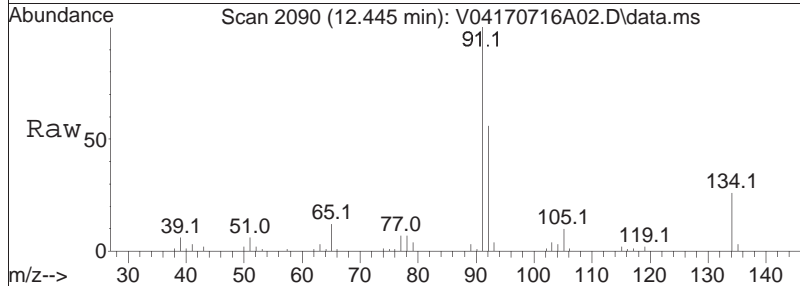
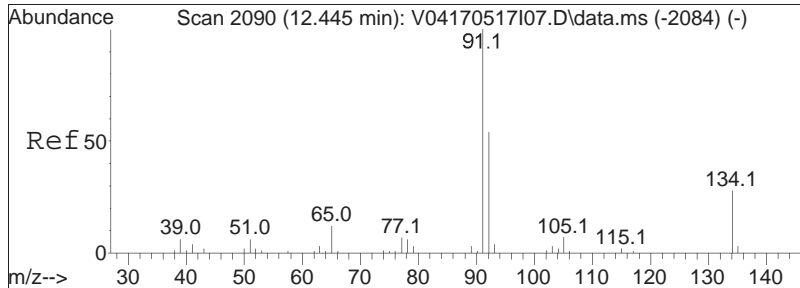




#102
 p-Diethylbenzene
 Concen: 21.33 ug/L
 RT: 12.387 min Scan# 2079
 Delta R.T. 0.000 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

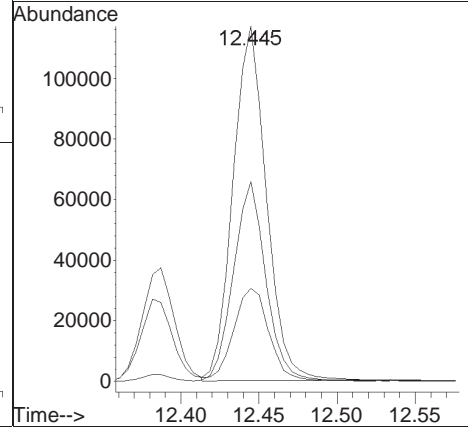
Tgt Ion	Ratio	Lower	Upper
119	100		
105	83.8	55.3	114.8
134	44.6	30.7	63.9

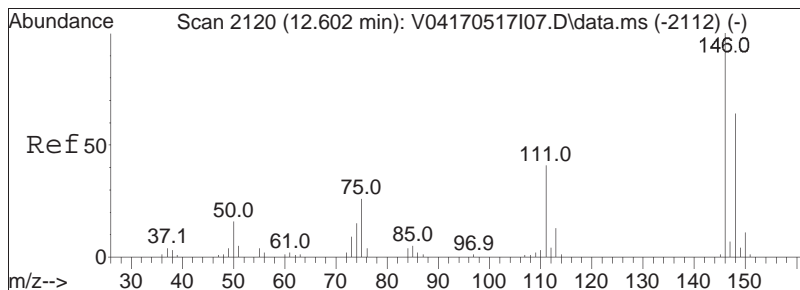




#103
 n-Butylbenzene
 Concen: 20.58 ug/L
 RT: 12.445 min Scan# 2090
 Delta R.T. -0.000 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

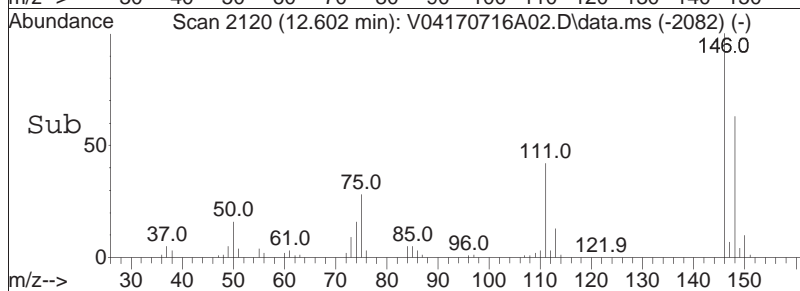
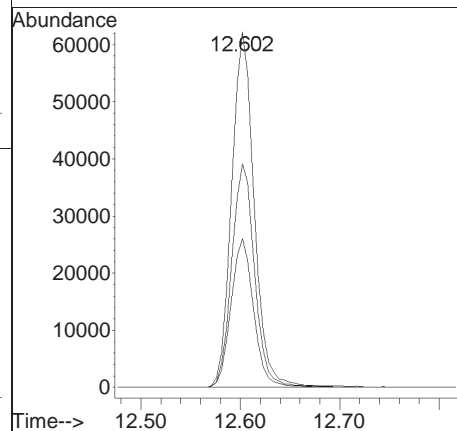
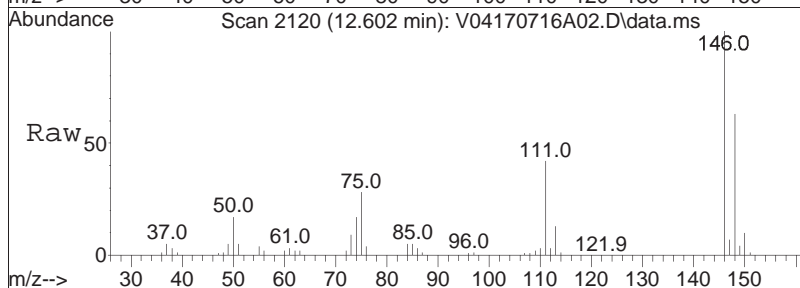
Tgt Ion:	91	92	134	Resp:	173851	Lower	Upper
Ion Ratio	100	54.7	27.8			45.0	67.4
						23.4	35.0

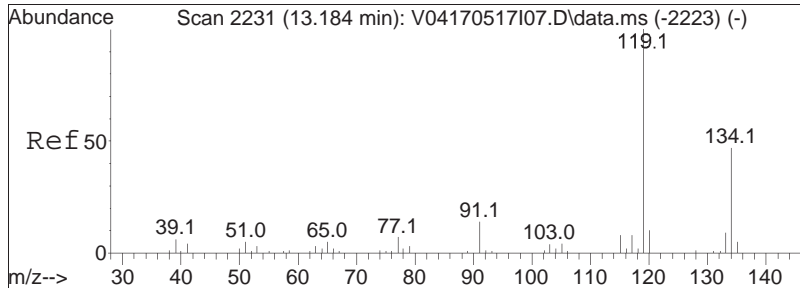




#104
 1,2-Dichlorobenzene
 Concen: 19.54 ug/L
 RT: 12.602 min Scan# 2120
 Delta R.T. 0.000 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

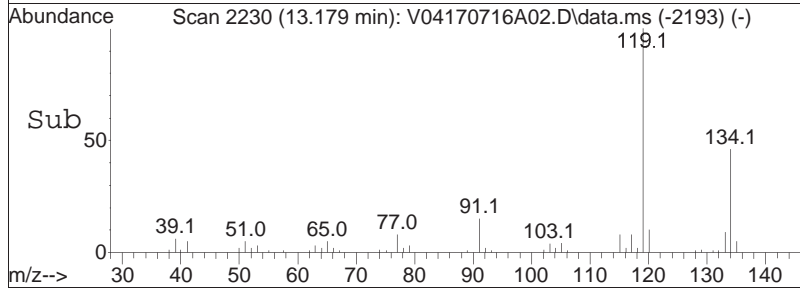
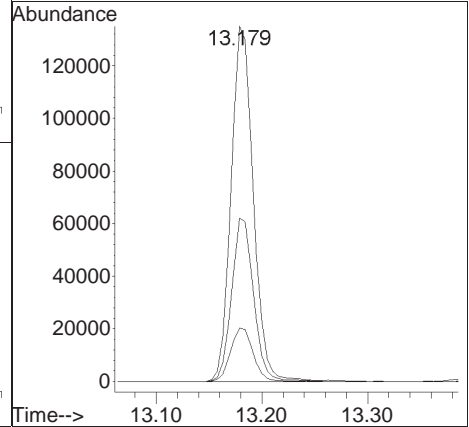
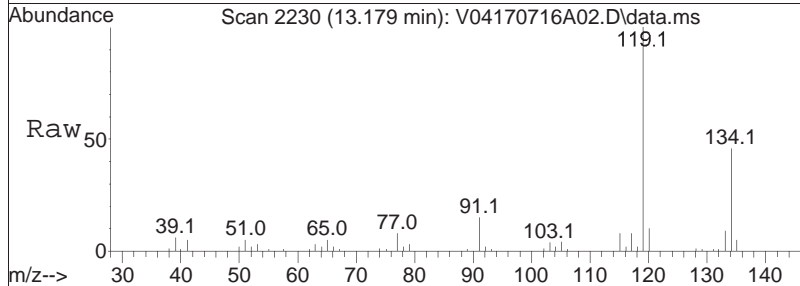
Tgt Ion	Resp	Lower	Upper
146	100		
111	41.8	25.9	53.7
148	63.6	41.5	86.1

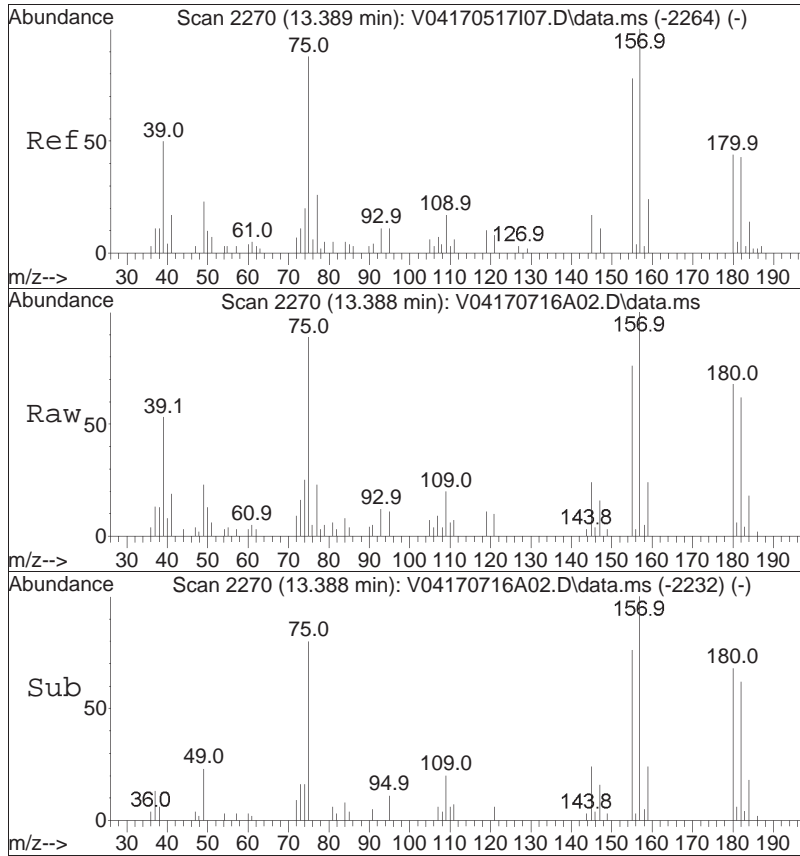




#105
 1,2,4,5-Tetramethylbenzene
 Concen: 21.21 ug/L
 RT: 13.179 min Scan# 2230
 Delta R.T. -0.005 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

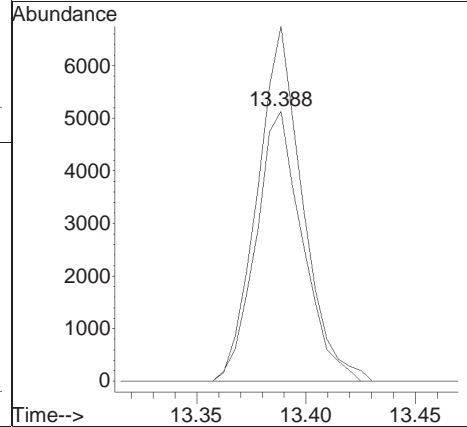
Tgt Ion	Resp	Lower	Upper
119	100		
134	45.4	31.6	65.6
91	15.3	9.8	20.3

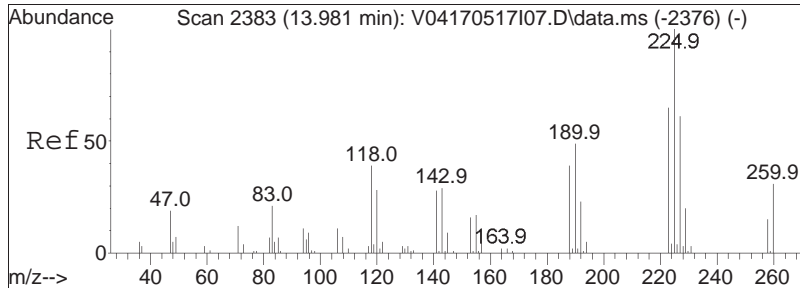




#106
 1,2-Dibromo-3-chloropropane
 Concen: 18.39 ug/L
 RT: 13.388 min Scan# 2270
 Delta R.T. -0.001 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

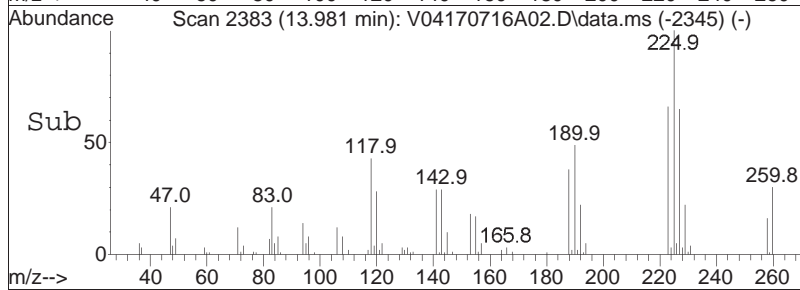
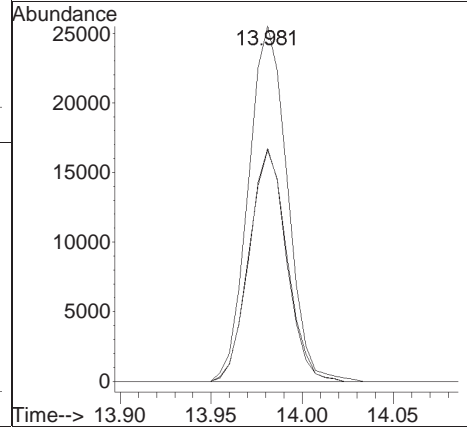
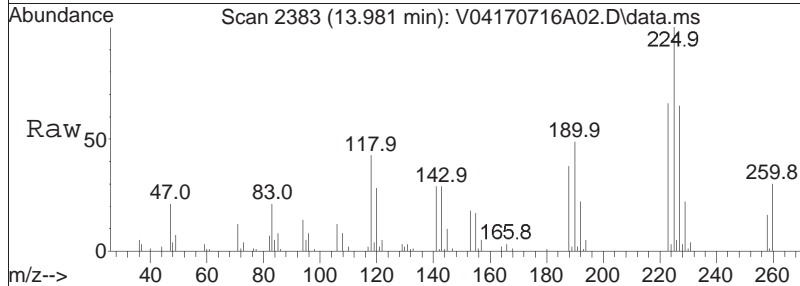
Tgt Ion	Resp	Lower	Upper
155	100		
157	127.6	104.3	156.5

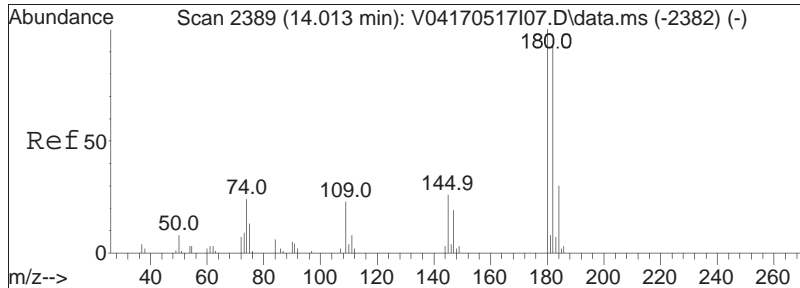




#108
 Hexachlorobutadiene
 Concen: 20.05 ug/L
 RT: 13.981 min Scan# 2383
 Delta R.T. -0.000 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

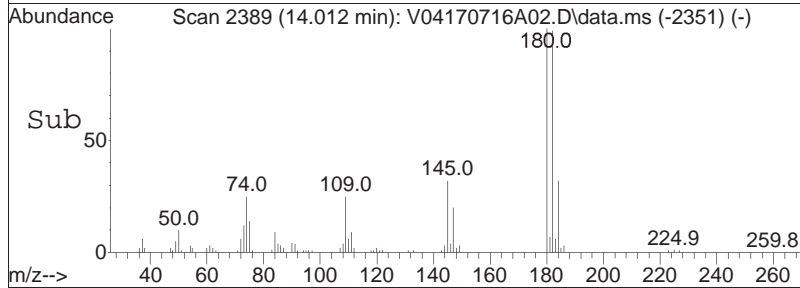
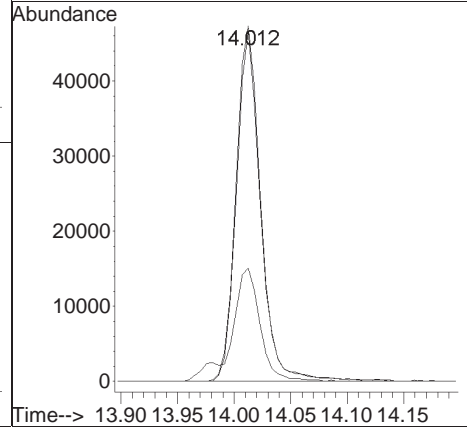
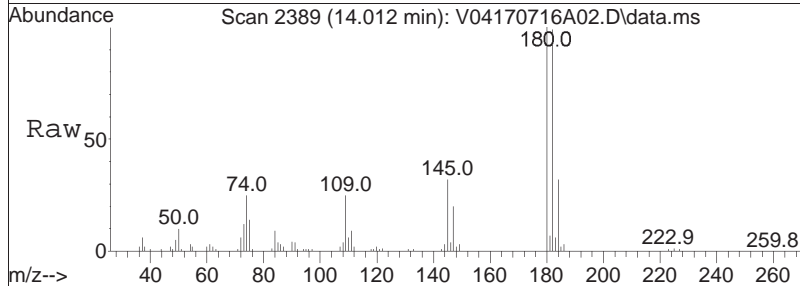
Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.2	75.2
227	63.5	51.0	76.6

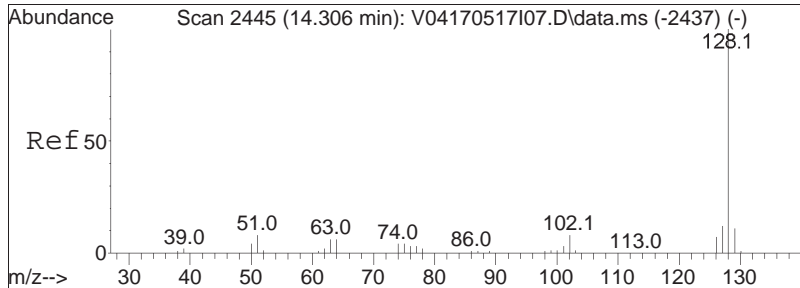




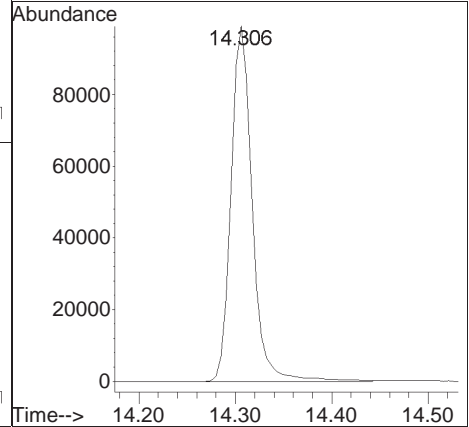
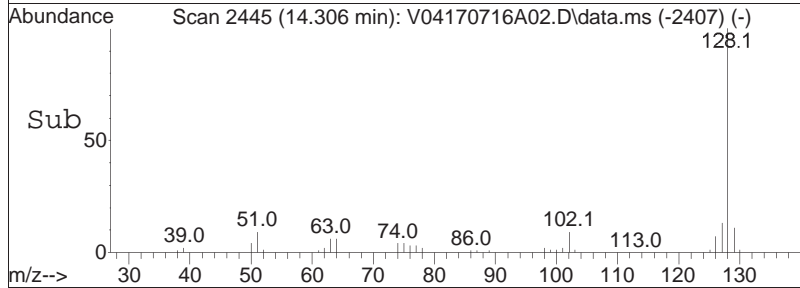
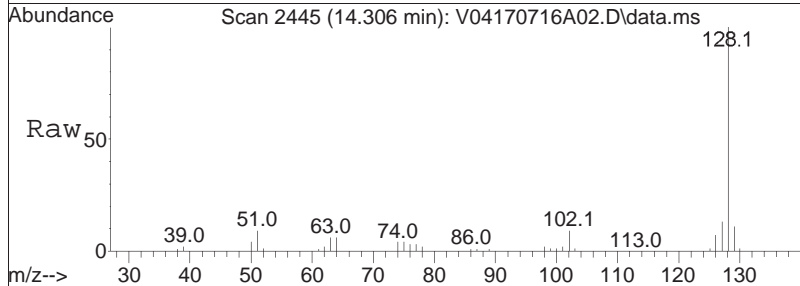
#109
 1,2,4-Trichlorobenzene
 Concen: 19.39 ug/L
 RT: 14.012 min Scan# 2389
 Delta R.T. -0.001 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

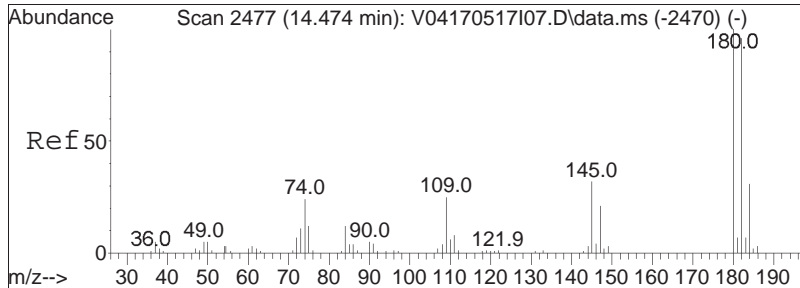
Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	76.2	114.4
145	36.7	26.6	39.8





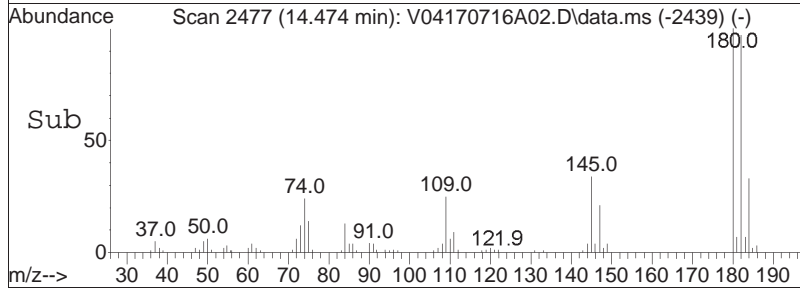
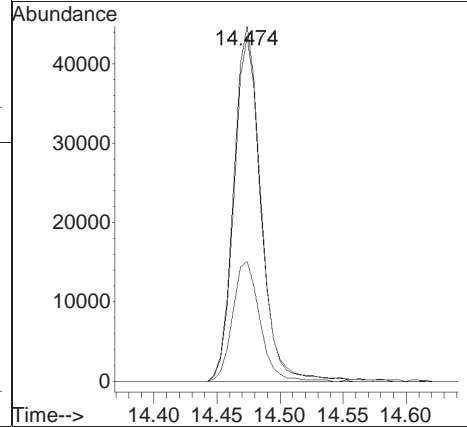
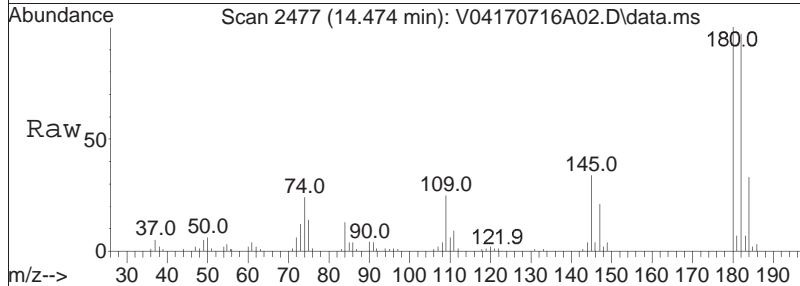
#110
 Naphthalene
 Concen: 18.89 ug/L
 RT: 14.306 min Scan# 2445
 Delta R.T. 0.000 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26
 Tgt Ion:128 Resp: 151431





#111
 1,2,3-Trichlorobenzene
 Concen: 19.56 ug/L
 RT: 14.474 min Scan# 2477
 Delta R.T. -0.000 min
 Lab File: V04170716A02.D
 Acq: 16 Jul 2017 8:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	76.9	115.3
145	33.7	24.3	36.5



Manual Integration Report

Data Path : I:\VOLATILES\VOA104\2017\1QMethod : V104_170517_8260.m
Data File : V04170716A02.D Operator : VOA104:CBN
Date Inj'd : 7/16/2017 8:26 Instrument : VOA 104
Sample : WG1023156-4,31h,15,15,0.1 Quant Date : 7/16/2017 11:49 am

There are no manual integrations or false positives in this file.



Calculation of Volatile Organic Compounds

Aqueous Concentration Formula: $Amt * DF * Uf * (1/Vo)$

Where:

DF = Dilution Factor

Vo = Sample Volume Purged (mL)

Uf = ng Unit Correction Factor (mL)

Soil Concentration Formula: $Amt * DF * (1/Wt)$

Where:

DF = Dilution Factor

Wt = Weight of Sample (g)

ALPHA ANALYTICAL LABORATORIES, INC.

Alpha WORK GROUP REPORT (wk02)

Aug 08 2017, 01:07 pm

Work Group: WG1022759 for Department: 31 GC/MS - Volatiles

Created: 14-JUL-17 Due: Operator:

Sample	Client ID	C Product	Matrix	Stat	UA	HOLD	DUE	PR	Location
L1723686-03	SB6 (15-15.5)	S NYTCL-8260HLW	SOIL	DONE	U				
WG1022759-1	MS BFB Tune Standard	S NYTCL-8260HLW	SOIL	DONE	U				
WG1022759-2	Continuing Calibrati	S NYTCL-8260HLW	SOIL	DONE	U				
WG1022759-3	Laboratory Control S	S NYTCL-8260HLW	SOIL	DONE	U				
WG1022759-4	LCS Duplicate	S NYTCL-8260HLW	SOIL	DONE	U				
WG1022759-5	Laboratory Method Bl	S NYTCL-8260HLW	SOIL	DONE	U				
Comments:									
WG1022759-4	WG1022759-3								

ALPHA ANALYTICAL LABORATORIES, INC.

Alpha WORK GROUP REPORT (wk02)

Aug 08 2017, 01:07 pm

Work Group: WG1023115 for Department: 31 GC/MS - Volatiles

Created: 17-JUL-17 Due: Operator: mv

Sample	Client ID	C Product	Matrix	Stat	UA	HOLD	DUE	PR	Location
L1723686-11	SB10 (2-2.5)	S NYTCL-8260HLW	SOIL	DONE	U	0725	0808	SO	8260SET
L1723686-12	SB10 (7.5-8)	S NYTCL-8260HLW	SOIL	DONE	U	0725	0808	SO	8260SET
L1723686-14	SB11 (16-16.5)	S NYTCL-8260HLW	SOIL	DONE	U	0725	0808	SO	8260SET
L1723686-15	SB12 (17-17.5)	S NYTCL-8260HLW	SOIL	DONE	U	0725	0808	SO	8260SET
WG1023115-1	MS BFB Tune Standard	S NYTCL-8260HLW	SOIL	DONE	U				
WG1023115-2	Continuing Calibrati	S NYTCL-8260HLW	SOIL	DONE	U				
WG1023115-3	Laboratory Control S	S NYTCL-8260HLW	SOIL	DONE	U				
WG1023115-4	LCS Duplicate	S NYTCL-8260HLW	SOIL	DONE	U				
WG1023115-5	Laboratory Method Bl	S NYTCL-8260HLW	SOIL	DONE	U				
Comments:									
WG1023115-4	WG1023115-3								

ALPHA ANALYTICAL LABORATORIES, INC.

Alpha WORK GROUP REPORT (wk02)

Aug 08 2017, 01:07 pm

Work Group: WG1023153 for Department: 31 GC/MS - Volatiles

Created: 17-JUL-17 Due: Operator: mv

Sample	Client ID	C Product	Matrix	Stat	UA	HOLD	DUE	PR	Location
L1722968-03	EB04B_1-3	S NYTCL-8260HLW	SOIL	DONE	U	0720	0721	1B	8260SET
L1723686-02	SB5 (13.5-14)	S NYTCL-8260HLW	SOIL	DONE	U	0725	0808	S0	8260SET
L1723703-01	STRUCTURAL SOIL	S NYTCL-8260HLW	SOIL	DONE	U	0726	0719	S0	8260SET
WG1023153-1	MS BFB Tune Standard	S NYTCL-8260HLW	SOIL	DONE	U				
WG1023153-2	Continuing Calibrati	S NYTCL-8260HLW	SOIL	DONE	U				
WG1023153-3	Laboratory Control S	S NYTCL-8260HLW	SOIL	DONE	U				
WG1023153-4	LCS Duplicate	S NYTCL-8260HLW	SOIL	DONE	U				
WG1023153-5	Laboratory Method Bl	S NYTCL-8260HLW	SOIL	DONE	U				
Comments:									
WG1023153-4	WG1023153-3								

ALPHA ANALYTICAL LABORATORIES, INC.

Alpha WORK GROUP REPORT (wk02)

Aug 08 2017, 01:07 pm

Work Group: WG1023156 for Department: 31 GC/MS - Volatiles

Created: 17-JUL-17 Due: Operator: mv

Sample	Client ID	C Product	Matrix	Stat	UA	HOLD	DUE	PR	Location
L1723613-01	SP-1-8"-071117	S NYTCL-8260HLW	SOIL	DONE	U	0725	0721	SO	8260SET
L1723613-03	SP-2-3.5-071117	S NYTCL-8260HLW	SOIL	DONE	U	0725	0721	SO	8260SET
L1723613-04	SP-3-2-071117	S NYTCL-8260HLW	SOIL	DONE	U	0725	0721	SO	8260SET
L1723613-06	SP-5-1-071117	S NYTCL-8260HLW	SOIL	DONE	U	0725	0721	SO	8260SET
L1723613-08	SP-6-0.5-071117	S NYTCL-8260HLW	SOIL	DONE	U	0725	0721	SO	8260SET
L1723613-10	SP-7-4-071117	S NYTCL-8260HLW	SOIL	DONE	U	0725	0721	SO	8260SET
L1723613-12	SP-8-0.5-071117	S NYTCL-8260HLW	SOIL	DONE	U	0725	0721	SO	8260SET
L1723613-14	SP-9-2-071117	S NYTCL-8260HLW	SOIL	DONE	U	0725	0721	SO	8260SET
L1723613-16	SP-10-4-071117	S NYTCL-8260HLW	SOIL	DONE	U	0725	0721	SO	8260SET
L1723613-18	SP-11-3-071117	S NYTCL-8260HLW	SOIL	DONE	U	0725	0721	SO	8260SET
L1723686-01	SB5 (16-16.5)	S NYTCL-8260HLW	SOIL	DONE	U	0725	0808	SO	8260SET
L1723686-05	SB7 (9-9.5)	S NYTCL-8260HLW	SOIL	DONE	U	0725	0808	SO	8260SET
L1723686-07	SB8 (15-15.5)	S NYTCL-8260HLW	SOIL	DONE	U	0725	0808	SO	8260SET
L1723686-09	SB9 (5-5.5)	S NYTCL-8260HLW	SOIL	DONE	U	0725	0808	SO	8260SET
L1723686-13	SB11 (13.5-14)	S NYTCL-8260HLW	SOIL	DONE	U	0725	0808	SO	8260SET
WG1023156-1	MS BFB Tune Standard	S NYTCL-8260HLW	SOIL	DONE	U				
WG1023156-2	Continuing Calibrati	S NYTCL-8260HLW	SOIL	DONE	U				
WG1023156-3	Laboratory Control S	S NYTCL-8260HLW	SOIL	DONE	U				
WG1023156-4	LCS Duplicate	S NYTCL-8260HLW	SOIL	DONE	U				
WG1023156-5	Laboratory Method Bl	S NYTCL-8260HLW	SOIL	DONE	U				
WG1023156-6	Matrix Spike	S NYTCL-8260HLW	SOIL	DONE	U				
WG1023156-7	Matrix Spike Duplica	S NYTCL-8260HLW	SOIL	DONE	U				
Comments:									
WG1023156-4	WG1023156-3								
WG1023156-6	L1723613-04								
WG1023156-7	L1723613-04								

ALPHA ANALYTICAL LABORATORIES, INC.

Alpha WORK GROUP REPORT (wk02)

Aug 08 2017, 01:07 pm

Work Group: WG1023276 for Department: 31 GC/MS - Volatiles

Created: 17-JUL-17 Due: Operator:

Sample	Client ID	C Product	Matrix	Stat	UA	HOLD	DUE	PR	Location
L1723317-12	#14 STATION DRAINAGE	S NYTCL-8260	WATER	DONE	U	0724	0719	S0	Vial-B
L1723317-13	#15 STATION DRAINAGE	S NYTCL-8260	WATER	DONE	U	0724	0719	S0	Vial-B
L1723317-22	TRIP BLANK	S NYTCL-8260	WATER	DONE	U	0724	0719	S0	Vial-B
L1723686-17	TWP-SB5	S NYTCL-8260	WATER	DONE	U	0725	0808	S0	Vial-B
L1723686-18	TWP-SB6	S NYTCL-8260	WATER	DONE	U	0725	0808	S0	Vial-B
L1723686-19	TWP-SB7	S NYTCL-8260	WATER	DONE	U	0725	0808	S0	Vial-B
L1723686-20	TWP-SB8	S NYTCL-8260	WATER	DONE	U	0725	0808	S0	Vial-B
L1723686-21	TWP-SB9	S NYTCL-8260	WATER	DONE	U	0725	0808	S0	Vial-B
L1723686-22	TWP-SB10	S NYTCL-8260	WATER	DONE	U	0725	0808	S0	Vial-B
L1723686-24	TWP-SB12	S NYTCL-8260	WATER	DONE	U	0725	0808	S0	Vial-B
L1723686-25	FIELD BLANK	S NYTCL-8260	WATER	DONE	U	0725	0808	S0	Vial-B
L1723686-26	TRIP BLANK	S NYTCL-8260	WATER	DONE	U	0725	0808	S0	Vial-B
L1723820-23	TB02_071217	S NYTCL-8260	WATER	DONE	U	0726	0720	S0	Vial-B
WG1023276-1	MS BFB Tune Standard	S NYTCL-8260	WATER	DONE	U				
WG1023276-2	Continuing Calibrati	S NYTCL-8260	WATER	DONE	U				
WG1023276-3	Laboratory Control S	S NYTCL-8260	WATER	DONE	U				
WG1023276-4	LCS Duplicate	S NYTCL-8260	WATER	DONE	U				
WG1023276-5	Laboratory Method Bl	S NYTCL-8260	WATER	DONE	U				
Comments:									
WG1023276-4	WG1023276-3								

ALPHA ANALYTICAL LABORATORIES, INC.

Alpha WORK GROUP REPORT (wk02)

Aug 08 2017, 01:07 pm

Work Group: WG1023473 for Department: 31 GC/MS - Volatiles

Created: 18-JUL-17 Due: Operator: PD

Sample	Client ID	C Product	Matrix	Stat	UA	HOLD	DUE	PR	Location
L1723613-26	SP-13-GW-071117	S NYTCL-8260	WATER	DONE	U	0725	0721	S0	Vial-B
L1723686-23	TWP-SB11	S NYTCL-8260	WATER	DONE	U	0725	0808	S0	Vial-B
L1723955-02	SP-45-071317	S NYTCL-8260	WATER	DONE	U	0727	0720	S0	Vial-B
L1723955-03	TRIP BLANK-071317	S NYTCL-8260	WATER	DONE	U	0727	0720	S0	Vial-B
WG1023473-1	MS BFB Tune Standard	S NYTCL-8260	WATER	DONE	U				
WG1023473-2	Continuing Calibrati	S NYTCL-8260	WATER	DONE	U				
WG1023473-3	Laboratory Control S	S NYTCL-8260	WATER	DONE	U				
WG1023473-4	LCS Duplicate	S NYTCL-8260	WATER	DONE	U				
WG1023473-5	Laboratory Method Bl	S NYTCL-8260	WATER	DONE	U				
Comments:									
WG1023473-4	WG1023473-3								

ALPHA ANALYTICAL LABORATORIES, INC.

Alpha WORK GROUP REPORT (wk02)

Aug 08 2017, 01:07 pm

Work Group: WG1023786 for Department: 31 GC/MS - Volatiles

Created: 19-JUL-17 Due: Operator: mv

Sample	Client ID	C Product	Matrix	Stat	UA	HOLD	DUE	PR	Location
L1723686-04	SB6 (17-17.5)	S NYTCL-8260HLW	SOIL	DONE	U	0725	0808	S0	8260SET
L1724287-01	B-1 (10'-12.5')	S NYTCL-8260	SOIL	DONE	U	0727	0721	S0	Vial-Large
L1724287-02	B-1 (12.5'-15')	S NYTCL-8260	SOIL	DONE	U	0727	0721	S0	Vial-Large
L1724287-03	B-1 (20'-22')	S NYTCL-8260	SOIL	DONE	U	0727	0721	S0	Vial-Large
L1724287-05	B-2 (10'-15')	S NYTCL-8260	SOIL	DONE	U	0728	0721	S0	Vial-Large
L1724287-06	B-2 (20'-22')	S NYTCL-8260	SOIL	DONE	U	0728	0721	S0	Vial-Large
L1724287-07	B-3 (20'-22')	S NYTCL-8260	SOIL	DONE	U	0728	0721	S0	Vial-Large
L1724287-08	B-4 (20'-22')	S NYTCL-8260	SOIL	DONE	U	0728	0721	S0	Vial-Large
L1724287-09	B-5 (20'-22')	S NYTCL-8260	SOIL	DONE	U	0728	0721	S0	Vial-Large
L1724287-10	B-6 (12.5'-15')	S NYTCL-8260	SOIL	DONE	U	0728	0721	S0	Vial-Large
L1724287-11	B-6 (15'-17.5')	S NYTCL-8260	SOIL	DONE	U	0728	0721	S0	Vial-Large
L1724287-12	B-6 (20'-22')	S NYTCL-8260	SOIL	DONE	U	0728	0721	S0	Vial-Large
L1724412-05	SB-2 (8-12)	S NYTCL-8260	SOIL	DONE	U	0731	0721	1D	Glass-A.120
WG1023786-1	MS BFB Tune Standard	S NYTCL-8260HLW	SOIL	DONE	U				
WG1023786-1	MS BFB Tune Standard	S NYTCL-8260	SOIL	DONE	U				
WG1023786-10	Laboratory Method Bl	S NYTCL-8260HLW	SOIL		DACQ	U			
WG1023786-10	Laboratory Method Bl	S NYTCL-8260	SOIL		DONE	U			
WG1023786-2	Continuing Calibrati	S NYTCL-8260	SOIL	DONE	U				
WG1023786-2	Continuing Calibrati	S NYTCL-8260HLW	SOIL	DONE	U				
WG1023786-3	Laboratory Control S	S NYTCL-8260HLW	SOIL	DACQ	U				
WG1023786-3	Laboratory Control S	S NYTCL-8260	SOIL	DONE	U				
WG1023786-4	LCS Duplicate	S NYTCL-8260	SOIL	DONE	U				
WG1023786-4	LCS Duplicate	S NYTCL-8260HLW	SOIL	DACQ	U				
WG1023786-5	Laboratory Method Bl	S NYTCL-8260	SOIL	DONE	U				
WG1023786-5	Laboratory Method Bl	S NYTCL-8260HLW	SOIL	DACQ	U				
WG1023786-6	MS BFB Tune Standard	S NYTCL-8260HLW	SOIL	DONE	U				
WG1023786-6	MS BFB Tune Standard	S NYTCL-8260	SOIL	DONE	U				
WG1023786-7	Continuing Calibrati	S NYTCL-8260	SOIL	DONE	U				
WG1023786-7	Continuing Calibrati	S NYTCL-8260HLW	SOIL	DONE	U				
WG1023786-8	Laboratory Control S	S NYTCL-8260HLW	SOIL	DACQ	U				
WG1023786-8	Laboratory Control S	S NYTCL-8260	SOIL	DONE	U				
WG1023786-9	LCS Duplicate	S NYTCL-8260	SOIL	DONE	U				
WG1023786-9	LCS Duplicate	S NYTCL-8260HLW	SOIL	DACQ	U				
Comments:									
WG1023786-4	WG1023786-3								
WG1023786-9	WG1023786-8								

Inst: VOA101
 Initials: PK
 Date: 06/29/17
 Run: B

BFB: V6213
 IS/SS: V6221
 ICAL: V6210, V6218, V6165
 ICV: V6163, V6173, V6171, V6131, V6133, V6172, V6165

Method
 GC: 8260
 Autosampler: 8260 liquid IS2
 Concentrator: 8260water



QC: _____ Seq: _____

Vial	Data File	Sample	obs
1	V01170629BBF1	BFB TUNE	
1	V01170629B01	BLK	
2	V01170629B02	I8260L11	
3	V01170629B03	I8260L1	
4	V01170629B04	I8260L1	
5	V01170629B05	I8260L2	
6	V01170629B06	I8260L2	
7	V01170629B07	I8260L3	
8	V01170629B08	I8260L4	
9	V01170629B09	I8260L6	
10	V01170629B10	I8260L8	
11	V01170629B11	I8260L10	
12	V01170629B12	BLK	
13	V01170629B13	BLK	
14	V01170629B14	BLK	
15	V01170629B15	BLK	
16	V01170629B16	BLK	
17	V01170629B17	C8260L3	
18	V01170629B18	C8260L3	
19	V01170629B19	BLK	

Inst: VOA117
Initials: CBN
Date: 05/25/17
Run: I

BFB: V6126
IS/SS: V6134(EXP: 6/29/17)
ICAL: V6111F, V6144
ICV: V6163, V6173, V6171, V6131, V6133, V6172

Method
GC: 8260
Autosampler: 8260soil
Concentrator: 8260



QC: _____ Seq: CBN

Vial	Data File	Sample	obs
1	V17170525BFI	BFB TUNE	
1	V17170525I01	BLANK	
2	V17170525I02	BLANK	
3	V17170525I03	I8260STDL1 ✓	
4	V17170525I04	I8260STDL1 <u>DN2</u>	
5	V17170525I05	I8260STDL2 ✓	
6	V17170525I06	I8260STDL2 <u>DN2</u>	
7	V17170525I07	I8260STDL3 ✓	
8	V17170525I08	I8260STDL4 ✓	
9	V17170525I09	I8260STDL5 ✓	
10	V17170525I10	I8260STDL6 ✓	
11	V17170525I11	I8260STDL7 ✓	
12	V17170525I12	I8260STDL8 ✓	
13	V17170525I13	BLANK	
14	V17170525I14	BLANK	
15	V17170525I15	C8260STDL3	
16	V17170525I16	C8260STDL3	
17	V17170525I17	BLANK	
18	V17170525I18	8260 LOD	
19	V17170525I19	NEW ICAL A TEST	
20	V17170525I20	NEW ICAL A TEST	

WG1006995
ICAL 13689

Inst: VOA104

BFB: V6126

Method

GC: 8260SOIL



Initials: MV

IS/SS: V6239 (EXP:9/08/17)

Autosampler: 8260_SOIL

Date: 07/14/17

ICAL: V6111(D), V6144

Concentrator: 8260

Run: A

ICV: V6104,V6093,V6090,V6131,V6133,V6092

QC: _____ Seq: _____

Vial	Data File	Sample	obs

Inst: VOA104

BFB: V6126

Method

GC: 8260SOIL



Initials: CBN

IS/SS: V6239 (EXP:9/08/17)

Autosampler: 8260_SOIL

Date: 07/16/17

ICAL: V6111(D), V6144

Concentrator: 8260

Run: A

ICV: V6104,V6093,V6090,V6131,V6133,V6092

QC: _____ Seq: _____

Vial	Data File	Sample	obs

Inst: VOA117
 Initials: CBN
 Date: 07/16/17
 Run: A

BFB: V6126
 IS/SS: V6220(EXP: 8/01/17)
 ICAL: V6111F, V6144
 ICV: V6163, V6173, V6171, V6131, V6133, V6172

Method
 GC: 8260
 Autosampler: 8260soil
 Concentrator: 8260



QC: _____ Seq: _____

Vial	Data File	Sample	obs
1	V17170716BF1	BFB TUNE	
1	V17170716A01	8260 CCAL A	
2	V17170716A02	8260 CCAL A	
3	V17170716A03	8260 CCAL A	
4	V17170716A04	BLANK	
5	V17170716A05	MEOH BLANK	
6	V17170716A06	I1723064-01R,31,7.6,,c	8260
7	V17170716A07	I1723678-04,31,5.3,5,,y	NJHLW
8	V17170716A08	I1723678-06,31,6.0,5,,y	NJHLW
9	V17170716A09	I1723815-02,31,4.4,5,,y	NJHLW
10	V17170716A10	I1724234-01,31,5.6,5,,y	NJHLW SHORT
11	V17170716A11	I1723907-04,31,5.6,5,,b	NJHLW
12	V17170716A12	I1724001-05D,31H,5.2,5,0.025,,x	NJ/H
13	V17170716A13	I1724001-07,31H,5.7,5,0.100,,x	NJ/H
14	V17170716A14	I1724001-09,31H,5.6,5,0.100,,x	NJ/H
15	V17170716A15	I1724001-09MS,31H,5.6,5,0.100,,x	NJ/H
16	V17170716A16	I1724001-09DUP,31H,5.6,5,0.100,,x	NJ/H
17	V17170716A17	I1723907-02,31H,5.2,5,0.100,,a	NJ/H
18	V17170716A18	I1723907-03D,31H,6.2,5,0.050,,a	NJ/H
19	V17170716A19	I1724121-01D,31H,1.4,5,0.010,,x	NJ/H
20	V17170716A20	I1724121-02D,31H,4.9,5,0.010,,x	NJ/H
21	V17170716A21	I1724121-03D,31H,5.0,5,0.005,,x	NJ/H
22	V17170716A22	I1723686-11,31,6.3,5,,b	NYHLW
23	V17170716A23	I1723686-12,31,6.9,5,,b	NYHLW
24	V17170716A24	I1723686-14,31,11.7,5,,b	NYHLW
25	V17170716A25	I1723686-15,31,5.5,5,,b	NYHLW
26	V17170716A26	I1724225-01D,31H,16.8,15,0.050,,a	M/HIGH
27	V17170716A27	I1724197-02D,31H,22.8,15,0.050,,a	M/HIGH
28	V17170716A28	STD	

Inst: VOA101
 Initials: PD
 Date: 07/17/17
 Run: A

BFB: V6213
 IS/SS: V6230
 ICAL: V6210, V6218, V6165
 ICV: V6163, V6173, V6171, V6131, V6133, V6172, V6165

Method
 GC: 8260
 Autosampler: 8260 liquid IS2
 Concentrator: 8260water



QC: _____ Seq: _____

Vial	Data File	Sample		obs
1	V01170717ABF1	BFB TUNE	09:18	
1	V01170717A01	8260 CCAL		
2	V01170717A02	8260 CCAL	LCS	
3	V01170717A03	8260 CCAL	LCSD	
4	V01170717A04	BLK		
5	V01170717A05	METHOD BLK		
6	V01170717A06	I1724192-01D,31,0.000001,10,,a	8260MM	pH>2
7	V01170717A07	I1723686-17D,31,0.1,10,,a	NYTCL	pH>2
8	V01170717A08	I1724192-01D,31,0.0000005,10,,e	8260MM	pH>2
9	V01170717A09	I1723686-18D,31,0.02,10,,a	NYTCL	pH<2
10	V01170717A10	I1723686-19D,31,0.02,10,,a	NYTCL	pH<2
11	V01170717A11	I1723686-20D,31,0.02,10,,a	NYTCL	pH>2
12	V01170717A12	I1723686-21D,31,0.04,10,,a	NYTCL	pH<2
13	V01170717A13	I1723686-22D,31,2.5,10,,a	NYTCL	pH>2
14	V01170717A14	I1723686-23D,31,2.5,10,,a	NYTCL	pH<2
15	V01170717A15	I1723686-24,31,10,10,,a	NYTCL	pH>2
16	V01170717A16	I1723686-25,31,10,10,,a	NYTCL	pH<2
17	V01170717A17	I1723686-26,31,10,10,,a	NYTCL	pH<2
18	V01170717A18	I1723820-23,31,10,10,,a	NYCURVE	pH<2
19	V01170717A19	I1723317-22,31,10,10,,c	NY/CS2only	pH<2
20	V01170717A20	I1723317-12,31,10,10,,d	NY/CS2only	pH<2
21	V01170717A21	I1723317-13,31,10,10,,d	NY/CS2only	pH<2

Inst: VOA101
 Initials: TAB
 Date: 07/17/17
 Run: N

BFB: V6213
 IS/SS: V6230
 ICAL: V6210, V6218, V6165
 ICV: V6163, V6173, V6171, V6131, V6133, V6172, V6165

Method
 GC: 8260
 Autosampler: 8260 liquid IS2
 Concentrator: 8260water



QC: _____ Seq: _____

Vial	Data File	Sample		obs
1	V01170717NBF1	BFB TUNE	19:51	
1	V01170717N01	8260 CCAL		
2	V01170717N02	8260 CCAL	LCS	
3	V01170717N03	8260 CCAL	LCSD	
4	V01170717N04	BLK		
5	V01170717N05	METHOD BLK		
6	V01170717N06	I1723528-06,31,10,10,,c	8260NH	pH<2
7	V01170717N07	I1723686-23D,31,5,10,,c	NYTCL	pH<2
8	V01170717N08	I1723613-26,31,10,10,,c	NYTCL	pH<2
9	V01170717N09	I1723955-02,31,10,10,,a	NYCURVE	pH<2
10	V01170717N10	I1723955-03,31,10,10,,a	NYCURVE	pH<2
11	V01170717N11	I1723745-01,31,10,10,,a	NJTCL/NOTIC	pH<2
12	V01170717N12	I1723745-02,31,10,10,,a	NJTCL/NOTIC	pH<2
13	V01170717N13	I1723745-03,31,10,10,,a	NJTCL/NOTIC	pH<2
14	V01170717N14	I1723745-04,31,10,10,,a	NJTCL/NOTIC	pH<2
15	V01170717N15	I1723745-05,31,10,10,,a	NJTCL/NOTIC	pH<2
16	V01170717N16	I1723745-06,31,10,10,,a	NJTCL/NOTIC	pH<2
17	V01170717N17	I1723745-07,31,10,10,,a	NJTCL/NOTIC	pH<2
18	V01170717N18	I1723745-08,31,10,10,,a	NJTCL/NOTIC	pH<2
19	V01170717N19	I1723745-09,31,10,10,,a	NJTCL/NOTIC	pH<2
20	V01170717N20	I1723745-10,31,10,10,,a	NJTCL/NOTIC	pH<2
21	V01170717N21	I1723745-11,31,10,10,,a	NJTCL/NOTIC	pH<2
22	V01170717N22	I1723745-11DUP,31,10,10,,c	NJTCL/NOTIC	pH<2
23	V01170717N23	I1723745-12,31,10,10,,a	NJTCL/NOTIC	pH<2
24	V01170717N24	I1724235-01D,31,.25,10,,a	NJ/15	pH<2
25	V01170717N25	I1723745-12MS,31,10,10,,c	NJTCL/NOTIC	pH<2

Inst: VOA117
 Initials: MV
 Date: 07/18/17
 Run: A

BFB: V6126
 IS/SS: V6220(EXP: 8/01/17)
 ICAL: V6111F, V6144
 ICV: V6163, V6173, V6171, V6131, V6133, V6172

Method
 GC: 8260
 Autosampler: 8260soil
 Concentrator: 8260



QC: _____ Seq: _____

Vial	Data File	Sample	obs
1	V17170718BF1	BFB TUNE	
1	V17170718A01	8260 CCAL A	
2	V17170718A02	8260 CCAL A	
3	V17170718A03	8260 CCAL A	
4	V17170718A04	BLANK	
5	V17170718A05	MEOH BLANK	
6	V17170718A06	I1724391-01,31H,22.2,15,0.100,,a	8NH/HIGH
7	V17170718A07	I1724391-02,31H,20.3,15,0.100,,a	8NH/HIGH
8	V17170718A08	I1724391-02MS,31H,20.3,15,0.100,,a	8NH/HIGH
9	V17170718A09	I1724391-02DUP,31H,20.3,15,0.100,,a	8NH/HIGH
10	V17170718A10	I1724287-01D,31H,6.2,5,0.0005,,x	NYTCL/H
11	V17170718A11	I1724287-02D,31H,5.5,5,0.001,,x	NYTCL/H
12	V17170718A12	I1724287-03,31H,5.3,5,0.100,,x	NYTCL/H
13	V17170718A13	I1724287-05,31H,5.8,5,0.100,,x	NYTCL/H
14	V17170718A14	I1724287-06D,31H,5.9,5,0.025,,x	NYTCL/H
15	V17170718A15	I1724287-07,31H,5.5,5,0.100,,x	NYTCL/H
16	V17170718A16	I1724287-08D,31H,5.7,5,0.025,,x	NYTCL/H
17	V17170718A17	I1724287-09D,31H,7.1,5,0.010,,x	NYTCL/H
18	V17170718A18	I1724287-10,31H,6.3,5,0.100,,x	NYTCL/H
19	V17170718A19	I1724287-11D,31H,6.5,5,0.002,,x	NYTCL/H
20	V17170718A20	I1724287-12D,31H,6.2,5,0.040,,x	NYTCL/H
21	V17170718A21	I1723686-04D,31H,20.9,5,0.004,,a	NY/H
22	V17170718A22	I1724382-02,31H,23.5,15,0.100,,a	M/H
23	V17170718A23	I1724382-03,31H,17.9,15,0.100,,a	M/H
24	V17170718A24	I1724382-05,31H,11.8,15,0.100,,a	M/H
25	V17170718A25	I1723710-01D,31,1.1,10,0.050,,y	8/OIL
26	V17170718A26	I1724412-05D,31H,5.6,5,0.005,,x	NYTCL/H
27	V17170718A27	STD _____	

Inst: VOA117
 Initials: MKS
 Date: 07/19/17
 Run: A

BFB: V6126
 IS/SS: V6220(EXP: 8/01/17)
 ICAL: V6111F, V6144
 ICV: V6163, V6173, V6171, V6131, V6133, V6172

Method
 GC: 8260
 Autosampler: 8260soil
 Concentrator: 8260



QC: _____ Seq: _____

Vial	Data File	Sample	obs
1	V17170719BF1	BFB TUNE	
1	V17170719A01	8260 CCAL A	
2	V17170719A02	8260 CCAL A	
3	V17170719A03	8260 CCAL A	
4	V17170719A04	BLANK	
5	V17170719A05	MEOH BLANK	
6	V17170719A06	I1723686-04D,31H,20.9,5,0.001,,a	NYTCL/H
7	V17170719A07	I1724287-01D,31H,6.2,5,0.002,,x	NYTCL/H CURVE
8	V17170719A08	I1724412-05D,31H,5.6,5,0.010,,x	NYTCL/H
9	V17170719A09	I1724382-02,31H,23.5,15,0.100,,a	M/H
10	V17170719A10	I1724382-03,31H,17.9,15,0.100,,a	M/H
11	V17170719A11	I1724382-05,31H,11.8,15,0.100,,a	M/H
12	V17170719A12	I1724563-01D,31H,21.8,15,0.020,,a	M/HIGH
13	V17170719A13	I1724568-02,31H,18.5,15,0.100,,d	M/H
14	V17170719A14	I1724496-01,31H,11.6,15,0.100,,a	M/H
15	V17170719A15	I1724496-02,31H,14.3,15,0.100,,a	M/H
16	V17170719A16	I1724496-03,31H,10.4,15,0.100,,a	M/H
17	V17170719A17	I1724530-02D,31H,15.6,15,0.025,,a	M/H
18	V17170719A18	I1724530-03D,31H,13.3,15,0.0001,,a	M/H
19	V17170719A19	I1724563-01D,31H,21.8,15,,0.020,,a	M/H
20	V17170719A20	I1724478-01,31H,15.3,15,0.100,,a	8/HIGH
21	V17170719A21	I1723130-01,31H,6.1,5,0.100,,a	NJ/H
22	V17170719A22	I1723130-01MS,31H,6.1,5,0.100,,a	NJ/H
23	V17170719A23	I1723130-01DUP,31H,6.1,5,0.100,,a	NJ/H
24	V17170719A24	I1724371-01D,31H,5.5,5,0.005,,x	NJ/H
25	V17170719A25	I1724371-02D,31H,5.9,5,0.005,,x	NJ/H
26	V17170719A26	I1724487-01,31H,4.7,5,0.100,,x	NJ/H TBA
27	V17170719A27	I1724604-04D,31H,4.3,5,0.020,,x	NJ/H
28	V17170719A28	STD	

Wet Chemistry

Total Solids / Percent Moisture Analysis

Results

Form 1 WETCHEM

Client : AEI Consultants	Lab Number : L1723686
Project Name : VAZQUEZ	Project Number : 344060
Lab ID : L1723686-01	Date Collected : 07/11/17 09:20
Client ID : SB5 (16-16.5)	Date Received : 07/12/17
Sample Location : 4778 BROADWAY, NYC, NY	Date Analyzed : 07/13/17 13:40
Sample Matrix : SOIL	Dilution Factor : 1
Analytical Method : 121,2540G	Analyst : RI
Lab File ID : WG1022269.pdf	Instrument ID : BALANCE#29
Sample Amount :	%Solids : 91
Digestion Method :	Date Digested :

CAS NO.	Parameter	%			Qualifier
		Results	RL	MDL	
NONE	Solids, Total	91.2	0.100	NA	



Form 1 WETCHEM

Client : AEI Consultants
 Project Name : VAZQUEZ
 Lab ID : L1723686-02
 Client ID : SB5 (13.5-14)
 Sample Location : 4778 BROADWAY, NYC, NY
 Sample Matrix : SOIL
 Analytical Method : 121,2540G
 Lab File ID : WG1022269.pdf
 Sample Amount :
 Digestion Method :

Lab Number : L1723686
 Project Number : 344060
 Date Collected : 07/11/17 09:40
 Date Received : 07/12/17
 Date Analyzed : 07/13/17 13:40
 Dilution Factor : 1
 Analyst : RI
 Instrument ID : BALANCE#29
 %Solids : 92
 Date Digested :

CAS NO.	Parameter	%			Qualifier
		Results	RL	MDL	
NONE	Solids, Total	91.8	0.100	NA	



Form 1 WETCHEM

Client : AEI Consultants
 Project Name : VAZQUEZ
 Lab ID : L1723686-03
 Client ID : SB6 (15-15.5)
 Sample Location : 4778 BROADWAY, NYC, NY
 Sample Matrix : SOIL
 Analytical Method : 121,2540G
 Lab File ID : WG1022269.pdf
 Sample Amount :
 Digestion Method :

Lab Number : L1723686
 Project Number : 344060
 Date Collected : 07/11/17 10:00
 Date Received : 07/12/17
 Date Analyzed : 07/13/17 13:40
 Dilution Factor : 1
 Analyst : RI
 Instrument ID : BALANCE#29
 %Solids : 88
 Date Digested :

CAS NO.	Parameter	%			Qualifier
		Results	RL	MDL	
NONE	Solids, Total	87.6	0.100	NA	



Form 1 WETCHEM

Client : AEI Consultants
 Project Name : VAZQUEZ
 Lab ID : L1723686-04
 Client ID : SB6 (17-17.5)
 Sample Location : 4778 BROADWAY, NYC, NY
 Sample Matrix : SOIL
 Analytical Method : 121,2540G
 Lab File ID : WG1022269.pdf
 Sample Amount :
 Digestion Method :

Lab Number : L1723686
 Project Number : 344060
 Date Collected : 07/11/17 10:10
 Date Received : 07/12/17
 Date Analyzed : 07/13/17 13:40
 Dilution Factor : 1
 Analyst : RI
 Instrument ID : BALANCE#29
 %Solids : 89
 Date Digested :

CAS NO.	Parameter	%			Qualifier
		Results	RL	MDL	
NONE	Solids, Total	88.6	0.100	NA	



Form 1 WETCHEM

Client : AEI Consultants
 Project Name : VAZQUEZ
 Lab ID : L1723686-05
 Client ID : SB7 (9-9.5)
 Sample Location : 4778 BROADWAY, NYC, NY
 Sample Matrix : SOIL
 Analytical Method : 121,2540G
 Lab File ID : WG1022269.pdf
 Sample Amount :
 Digestion Method :

Lab Number : L1723686
 Project Number : 344060
 Date Collected : 07/11/17 10:40
 Date Received : 07/12/17
 Date Analyzed : 07/13/17 13:40
 Dilution Factor : 1
 Analyst : RI
 Instrument ID : BALANCE#29
 %Solids : 90
 Date Digested :

CAS NO.	Parameter	%			Qualifier
		Results	RL	MDL	
NONE	Solids, Total	90.0	0.100	NA	



Form 1 WETCHEM

Client : AEI Consultants
 Project Name : VAZQUEZ
 Lab ID : L1723686-07
 Client ID : SB8 (15-15.5)
 Sample Location : 4778 BROADWAY, NYC, NY
 Sample Matrix : SOIL
 Analytical Method : 121,2540G
 Lab File ID : WG1022269.pdf
 Sample Amount :
 Digestion Method :

Lab Number : L1723686
 Project Number : 344060
 Date Collected : 07/11/17 11:30
 Date Received : 07/12/17
 Date Analyzed : 07/13/17 13:40
 Dilution Factor : 1
 Analyst : RI
 Instrument ID : BALANCE#29
 %Solids : 93
 Date Digested :

CAS NO.	Parameter	%			Qualifier
		Results	RL	MDL	
NONE	Solids, Total	93.4	0.100	NA	



Form 1 WETCHEM

Client : AEI Consultants
 Project Name : VAZQUEZ
 Lab ID : L1723686-09
 Client ID : SB9 (5-5.5)
 Sample Location : 4778 BROADWAY, NYC, NY
 Sample Matrix : SOIL
 Analytical Method : 121,2540G
 Lab File ID : WG1022269.pdf
 Sample Amount :
 Digestion Method :

Lab Number : L1723686
 Project Number : 344060
 Date Collected : 07/11/17 12:30
 Date Received : 07/12/17
 Date Analyzed : 07/13/17 13:40
 Dilution Factor : 1
 Analyst : RI
 Instrument ID : BALANCE#29
 %Solids : 89
 Date Digested :

CAS NO.	Parameter	%			Qualifier
		Results	RL	MDL	
NONE	Solids, Total	88.7	0.100	NA	



Form 1 WETCHEM

Client : AEI Consultants
 Project Name : VAZQUEZ
 Lab ID : L1723686-11
 Client ID : SB10 (2-2.5)
 Sample Location : 4778 BROADWAY, NYC, NY
 Sample Matrix : SOIL
 Analytical Method : 121,2540G
 Lab File ID : WG1022269.pdf
 Sample Amount :
 Digestion Method :

Lab Number : L1723686
 Project Number : 344060
 Date Collected : 07/11/17 13:00
 Date Received : 07/12/17
 Date Analyzed : 07/13/17 13:40
 Dilution Factor : 1
 Analyst : RI
 Instrument ID : BALANCE#29
 %Solids : 94
 Date Digested :

CAS NO.	Parameter	%			Qualifier
		Results	RL	MDL	
NONE	Solids, Total	93.9	0.100	NA	



Form 1 WETCHEM

Client : AEI Consultants	Lab Number : L1723686
Project Name : VAZQUEZ	Project Number : 344060
Lab ID : L1723686-12	Date Collected : 07/11/17 13:05
Client ID : SB10 (7.5-8)	Date Received : 07/12/17
Sample Location : 4778 BROADWAY, NYC, NY	Date Analyzed : 07/13/17 13:40
Sample Matrix : SOIL	Dilution Factor : 1
Analytical Method : 121,2540G	Analyst : RI
Lab File ID : WG1022269.pdf	Instrument ID : BALANCE#29
Sample Amount :	%Solids : 90
Digestion Method :	Date Digested :

CAS NO.	Parameter	%			Qualifier
		Results	RL	MDL	
NONE	Solids, Total	90.0	0.100	NA	



Form 1 WETCHEM

Client : AEI Consultants
 Project Name : VAZQUEZ
 Lab ID : L1723686-13
 Client ID : SB11 (13.5-14)
 Sample Location : 4778 BROADWAY, NYC, NY
 Sample Matrix : SOIL
 Analytical Method : 121,2540G
 Lab File ID : WG1022269.pdf
 Sample Amount :
 Digestion Method :

Lab Number : L1723686
 Project Number : 344060
 Date Collected : 07/11/17 13:30
 Date Received : 07/12/17
 Date Analyzed : 07/13/17 13:40
 Dilution Factor : 1
 Analyst : RI
 Instrument ID : BALANCE#29
 %Solids : 81
 Date Digested :

CAS NO.	Parameter	%			Qualifier
		Results	RL	MDL	
NONE	Solids, Total	80.6	0.100	NA	



Form 1 WETCHEM

Client : AEI Consultants
 Project Name : VAZQUEZ
 Lab ID : L1723686-14
 Client ID : SB11 (16-16.5)
 Sample Location : 4778 BROADWAY, NYC, NY
 Sample Matrix : SOIL
 Analytical Method : 121,2540G
 Lab File ID : WG1022269.pdf
 Sample Amount :
 Digestion Method :

Lab Number : L1723686
 Project Number : 344060
 Date Collected : 07/11/17 13:35
 Date Received : 07/12/17
 Date Analyzed : 07/13/17 13:40
 Dilution Factor : 1
 Analyst : RI
 Instrument ID : BALANCE#29
 %Solids : 81
 Date Digested :

CAS NO.	Parameter	%			Qualifier
		Results	RL	MDL	
NONE	Solids, Total	81.4	0.100	NA	



Form 1 WETCHEM

Client : AEI Consultants	Lab Number : L1723686
Project Name : VAZQUEZ	Project Number : 344060
Lab ID : L1723686-15	Date Collected : 07/11/17 13:50
Client ID : SB12 (17-17.5)	Date Received : 07/12/17
Sample Location : 4778 BROADWAY, NYC, NY	Date Analyzed : 07/13/17 13:40
Sample Matrix : SOIL	Dilution Factor : 1
Analytical Method : 121,2540G	Analyst : RI
Lab File ID : WG1022269.pdf	Instrument ID : BALANCE#29
Sample Amount :	%Solids : 92
Digestion Method :	Date Digested :

CAS NO.	Parameter	Results	RL	MDL	Qualifier
NONE	Solids, Total	92.2	0.100	NA	



Form 1 WETCHEM

Client : AEI Consultants
 Project Name : VAZQUEZ
 Lab ID : WG1022269-1
 Client ID : SB5 (16-16.5)DUP
 Sample Location :
 Sample Matrix : SOIL
 Analytical Method : 121,2540G
 Lab File ID : WG1022269.pdf
 Sample Amount :
 Digestion Method :

Lab Number : L1723686
 Project Number : 344060
 Date Collected : 07/11/17 09:20
 Date Received : 07/12/17
 Date Analyzed : 07/13/17 13:40
 Dilution Factor : 1
 Analyst : RI
 Instrument ID : BALANCE#29
 %Solids : 91
 Date Digested :

CAS NO.	Parameter	%			Qualifier
		Results	RL	MDL	
NONE	Solids, Total	91.1	0.100	NA	



Sample Raw Data

WorkGroup	WG1022269	Temp In (C)		105	Temp In (C)		105	Temp In (C)		105	Temp In (C)		105	Temp In (C)		105	Temp In (C)		105
		Title	Solids, Total		Time In	Time Out		Time In	Time Out		Time In	Time Out		Time In	Time Out		Time In	Time Out	
Method	SM2540G	Time In		Time In		Time In		Time In		Time In		Time In		Time In		Time In		Time In	
Instrument	BALANCE#29	Time Out		Time Out		Time Out		Time Out		Time Out		Time Out		Time Out		Time Out		Time Out	
Sample #	Analysis Date	Analyst	Tare Weight (gm)	Gross Weight (gm)	Net Weight (1) (gm)	Net Weight (2) (gm)	Net Weight (3) (gm)	Net Weight (4) (gm)	Result %	Comment									
L1723635-01	13-JUL-17 13:40	ROMANY IBRAHIM	1.168	7.026	4.894				63.61										
L1723686-01	13-JUL-17 13:40	ROMANY IBRAHIM	1.147	8.016	7.413				91.22										
L1723686-02	13-JUL-17 13:40	ROMANY IBRAHIM	1.148	8.778	8.15				91.77										
L1723686-03	13-JUL-17 13:40	ROMANY IBRAHIM	1.159	9.792	8.718				87.56										
L1723686-04	13-JUL-17 13:40	ROMANY IBRAHIM	1.146	8.718	7.858				88.64										
L1723686-05	13-JUL-17 13:40	ROMANY IBRAHIM	1.157	7.951	7.273				90.02										
L1723686-07	13-JUL-17 13:40	ROMANY IBRAHIM	1.155	6.796	6.425				93.42										
L1723686-09	13-JUL-17 13:40	ROMANY IBRAHIM	1.15	9.017	8.131				88.74										
L1723686-11	13-JUL-17 13:40	ROMANY IBRAHIM	1.162	8.167	7.74				93.90										
L1723686-12	13-JUL-17 13:40	ROMANY IBRAHIM	1.142	9.221	8.409				89.95										
L1723686-13	13-JUL-17 13:40	ROMANY IBRAHIM	1.162	6.454	5.427				80.59										
L1723686-14	13-JUL-17 13:40	ROMANY IBRAHIM	1.155	9.07	7.597				81.39										
L1723686-15	13-JUL-17 13:40	ROMANY IBRAHIM	1.165	7.129	6.663				92.19										
L1723707-03	13-JUL-17 13:40	ROMANY IBRAHIM	1.151	7.558	6.558				84.39										
L1723707-04	13-JUL-17 13:40	ROMANY IBRAHIM	1.139	9.487	7.952				81.61										
L1723727-01	13-JUL-17 13:40	ROMANY IBRAHIM	1.158	8.671	7.859				89.19										
WG1022269-	13-JUL-17 13:40	ROMANY IBRAHIM	1.127	8.019	7.405				91.09										

Quality Control

Form 6 Lab Duplicates

Client : AEI Consultants
Project Name : VAZQUEZ
Client Sample ID : SB5 (16-16.5)
Lab Sample ID : L1723686-01
Dup Sample ID : WG1022269-1

Lab Number : L1723686
Project Number : 344060
Matrix : SOIL
Analysis Date : 07/13/17 13:40
DUP Analysis Date : 07/13/17 13:40

Parameter	Sample Concentration (%)	Duplicate Concentration (%)	RPD	RPD Limit
Solids, Total	91.2	91.1	0	20





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Alpha Analytical

Laboratory Code: 11148

SDG Number: L1728063

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Project Name: VAZQUEZ
Project Number: 344060

Lab Number: L1728063
Report Date: 08/18/17

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1728063-01	MW-1	WATER	4778 BROADWAY, NYC, NY	08/10/17 08:05	08/11/17
L1728063-02	MW-2	WATER	4778 BROADWAY, NYC, NY	08/10/17 09:45	08/11/17
L1728063-03	MW-3	WATER	4778 BROADWAY, NYC, NY	08/10/17 09:05	08/11/17
L1728063-04	TB	WATER	4778 BROADWAY, NYC, NY	08/09/17 00:00	08/11/17
L1728063-05	FB	WATER	4778 BROADWAY, NYC, NY	08/10/17 07:00	08/11/17

Project Name: VAZQUEZ
Project Number: 344060

Lab Number: L1728063
Report Date: 08/17/17

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY

For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Client Services at 800-624-9220 with any questions.

Project Name: VAZQUEZ
Project Number: 344060


Lab Number: L1728063
Report Date: 08/17/17

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:  Amita Naik

Report Date: 08/17/17

Title: Technical Director/Representative



GLOSSARY

Acronyms

EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensation Product".
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related

Report Format: DU Report with 'J' Qualifiers



Project Name: VAZQUEZ
Project Number: 344060

Lab Number: L1728063
Report Date: 08/18/17

Data Qualifiers

projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.



Volatile Organics Instruments

Volatile Organics:

Instrument: Agilent 5975MSD (or equivalent)	Columns (length x ID x df):
Trap: Supelco K Trap (VOACARB 3000)	RTX-VMS 20m x 0.18mm x 1um
Concentrator: EST Encon (or equivalent)	RTX-VMS 30m x 0.25mm x 1.4um
Autosampler: EST Centurion (or equivalent)	RTX-502.2 40m x 0.18mm x 1um
Purge time: 11 min	

Volatile Organics: VPH

Instrument: Agilent 6890 (or equivalent)	Column Type: Restek RTX 502.2
Trap: Supelco K Trap (VOACARB 3000)	Column Length: 105 Meters
Concentrator: EST Encon (or equivalent)	df: 3.00 um
Autosampler: EST Centurion (or equivalent)	ID: 0.53mm

Volatile Organics: PIANO

Instrument: Agilent 7890 GC/5975C MSD	Column Type: DB-VRX
Trap: Supelco K Trap (VOACARB 3000)	Column Length: 60 Meters
Concentrator: Tekmar Velocity / EST Encon	df: 1.40 um
Autosampler: Varian Archon / EST Centurion	ID: 0.25 mm
Purge time: 11 min	Desorb: 1 min

Volatile Organics in Air Instruments

Volatile Organics in Air:

Instruments: Agilent 6890 GC / 5975 MSD Shimadzu QP2010-SE

Concentrator: Entech 7100A or 7200	Column Type: Restek RTX-1
Autosampler: Entech 7016CA or 7016D	Column Length: 60 Meters
	df: 1.00 um
	ID: 0.52 mm or 0.32 mm

Trap 1: Glass Bead: manufacturer-Entech: 20 cm packing material

Trap 2: Tenax: manufacturer-Entech: 20 cm packing material



Semivolatile Organics Instruments - Westborough

Semivolatile Organics (Acid/Base/Neutral Extractables):

Instrument: Agilent 5973N MSD	Injection volume: 1 ul
Column Type: Restek RXI-5SILMS	df: 0.25 um
Column Length: 30 Meters	ID: 0.25 mm

Polynuclear Aromatic Hydrocarbons by 8270 SIM:

Instrument: Agilent 5973 MSD	Injection volume: 1 ul
Column Type: Restek RTX-5MS	df: 0.25 um
Column Length: 30 Meters	ID: 0.25 mm

Pesticides/PCB

Instrument: Agilent 6890 w/Dual Micro ECDs	Injection Volume: 1uL
Column A: Restek RTX-CL/STX-CL	df: 0.32
Column B: Restek RTX/STX-CLPPesticide II	df: 0.25
Column Length: 30 Meters	ID: 0.32 mm

Herbicides

Instrument: Agilent 6890 w/Dual Micro ECDs	Injection Volume: 1uL
Column A: Restek RTX-1701	df: 0.25
Column B: Restek RTX-5	df: 0.25
Column Length: 30 Meters	ID: 0.32 mm

Petroleum

Instrument: Agilent 6890 w/FID / HP 5890 w/ FID	Injection Volume: 1uL
Column: Restek RTX 5	df: 0.25
Column Length: 30 Meters	
ID: 0.32 mm	

EPH

Instrument: Agilent 6890N w/FID	Injection Volume: 1uL
Column: Restek RTX 5	df: 0.25
Column Length: 30 Meters	
ID: 0.32 mm	



Semivolatile Organic Instruments - Mansfield

Semivolatile Organics (ALK-PAH Extractables):

Instrument: Agilent 5973N / 5975 MSD	Injection volume: 1 ul
Column Type: ZB-5	df: 0.25 um
Column Length: 60 Meters	ID: 0.25 mm

Semivolatile Organics (8270):

Instrument: Agilent 5973N / 5975 MSD	Injection volume: 2 ul
Column Type: ZB-Semivolatiles	df: 0.25 um
Column Length: 30 Meters	ID: 0.25 mm

Semivolatile Organics (8270 SIM):

Instrument: Agilent 5973N / 5975 MSD	Injection volume: 3 ul
Column Type: ZB-5	df: 0.25 um
Column Length: 30 Meters	ID: 0.25 mm

Semivolatile Organics (1,4-Dioxane):

Instrument: Agilent 5973N / 5975 / 5977 MSD	Injection volume: 3 ul
Column Type: RTX-5, RTX-PCB	df: 0.25um, 0.18 um
Column Length: 60 Meters	ID: 0.25um, 0.18 mm

Semivolatile Organics (209 Congener):

Instrument: Agilent 5973N / 5975 MSD	Injection volume: 3 ul
Column Type: RTX-5, RTX-PCB	df: 0.25um, 0.18 um
Column Length: 60 Meters	ID: 0.25um, 0.18 mm

Semivolatile Organics (ECD):

Instrument: Agilent 6890 / 7890	Injection volume: 1 ul
Column Type: RTX-5 / RTX-CLP II	df: 0.25 um
Column Length: 60 Meters	ID: 0.25 mm

Semivolatile Organics (SHC Extractables):

Instrument: Agilent 6890	Injection volume: 1 ul
Column Type: RTX-5	df: 0.25 um
Column Length: 60 Meters	ID: 0.25 mm



Sample Delivery Group Summary

Alpha Job Number : L1728063

Received : 11-AUG-2017

Account Name : AEI Consultants

Reviewer : Danielle Mott

Project Number : 344060

Project Name : VAZQUEZ

Delivery Information

Samples Delivered By : Alpha Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
A	Absent/	Ice	2.6	

Condition Information

All samples on COC received? **YES**

Extra samples received? **NO**

Are there any sample container discrepancies? **NO**

Are there any discrepancies between sample labels & COC? **NO**

Are samples in appropriate containers for requested analysis? **YES**

Are samples properly preserved for requested analysis? **YES**

Are samples within holding time for requested analysis? **YES**

All sampling equipment returned? **NA**

Volatile Organics/VPH

Reagent Water Vials Frozen by Client? **NO**

ALPHA ANALYTICAL LABORATORIES, INC.
LOGIN CHAIN OF CUSTODY REPORT
Aug 18 2017, 11:05 am

Login Number: L1728063

Account: AEICON-NJ AEI Consultants Project: 344060

Received: 11AUG17 Due Date: 18AUG17
Mat PR Collected Container

Sample #	Client ID
L1728063-01 MW-1	1 S0 10AUG17 08:05 3-Vial-B
ASP-B Package Due Date: 08/18/17	
ASP-B, NYTCL-8260	
L1728063-02 MW-2	1 S0 10AUG17 09:45 3-Vial-B
Package Due Date: 08/18/17	
NYTCL-8260	
L1728063-03 MW-3	1 S0 10AUG17 09:05 3-Vial-B
Package Due Date: 08/18/17	
NYTCL-8260	
L1728063-04 TB	1 S0 09AUG17 00:00 2-Vial-B
Package Due Date: 08/18/17	
NYTCL-8260	
L1728063-05 FB	1 S0 10AUG17 07:00 3-Vial-B
Package Due Date: 08/18/17	
NYTCL-8260	



NEW JERSEY CHAIN OF CUSTODY

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-898-9220
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd., Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave., Suite 105

Page
1 of 1

Date Rec'd
in Lab 8/11/17

ALPHA Job #
LTA8063

Client Information

Client: AEI
Address: 20 Gibson Pl., Ste 310
Freehold, NJ
Phone: 732-275-4719

Project Information

Project Name: Vazquez
Project Location: 4778 Broadway, NYC, NY
Project # 34406D

(Use Project name as Project #)
Project Manager: A. Ciferri
ALPHA Quote #:

Turn-Around Time

Standard Due Date:
Rush (only if pre approved) # of Days:

Deliverables

NJ Full / Reduced
 EQUIS (1 File) EQUIS (4 File)
 Other NYSDEC GWQS

Regulatory Requirement

SRS Residential/Non Residential
 SRS Impact to Groundwater
 NJ Ground Water Quality Standards
 NJ IGW SPLP Leachate Criteria
 Other NYSDEC GWQS

Site Information

Is this site impacted by Petroleum? Yes
Petroleum Product: gasoline

Sample Filtration

Done
 Lab to do
 Preservation
 Lab to do
(Please Specify below)

ANALYSIS

These samples have been previously analyzed by Alpha

For EPH, selection is required: Category 1 Category 2

For VOC, selection is required: 1,4-Dioxane 8011

Other project specific requirements/comments:

Please specify Metals or TAL.

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	Date	Time	Date/Time	Container Type	Date/Time	Received By:
		Date	Time								
25063-01	MW-1	8/10/17	8:05	GW	AVC	8/10/17	8:05	8/11-9:33	V	8/11-17-9:33	BPA
02	MW-2	8/10/17	9:45	GW	AVC	8/10/17	9:45	8/11-17-15:00	B	8/11-17-15:00	BPA
03	MW-3	8/10/17	9:05	GW	AVC	8/10/17	9:05	8/11-17-20:22	B	8/11-17-20:22	BPA
04	TB	8/10/17	7:00		AVC	8/10/17	7:00				
05	F-B	8/10/17	7:00		AVC	8/10/17	7:00				

Preservative Code:
A = None
B = HCl
C = HNO₃
D = H₂SO₄
E = NaOH
F = MeOH
G = NaHSO₄
H = Na₂S₂O₃
K/E = Zn Ac/NaOH
O = Other

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By: Anthony Ciferri 8/11/17-9:33
BPA
BPA
BPA

Container Type: V
Preservative: B

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Organics

GC/MS 8260

Analysis

Volatiles QC Summary

Form 2 Surrogate Recovery VOLATILES

Client: AEI Consultants
Project Name: VAZQUEZ

Lab Number: L1728063
Project Number: 344060
Matrix:

CLIENT ID (LAB SAMPLE NO.)	SMC1 DCA	SMC2 TOL	SMC3 BFB	SMC4 DBFM	TOT OUT
MW-1 (L1728063-01D)	96	99	102	96	0
MW-2 (L1728063-02D)	95	99	106	96	0
MW-3 (L1728063-03)	99	102	103	96	0
TB (L1728063-04)	99	100	103	97	0
FB (L1728063-05)	99	99	102	98	0
WG1031945-3LCS	94	100	102	98	0
WG1031945-4LCSD	95	100	102	97	0
WG1031945-5BLANK	95	100	103	96	0
WG1032492-3LCS	96	100	103	99	0
WG1032492-4LCSD	97	99	102	98	0
WG1032492-5BLANK	96	99	102	95	0

QC LIMITS

(70-130) DCA = 1,2-DICHLOROETHANE-D4
 (70-130) TOL = TOLUENE-D8
 (70-130) BFB = 4-BROMOFLUOROBENZENE
 (70-130) DBFM = DIBROMOFLUOROMETHANE)

* Values outside of QC limits

FORM II NYTCL-8260



Laboratory Control Sample Form 3

Client	: AEI Consultants	Lab Number	: L1728063
Project Name	: VAZQUEZ	Project Number	: 344060
Matrix	: WATER		
LCS Sample ID	: WG1031945-3	Analysis Date	: 08/14/17 12:25
LCS Sample ID	: WG1031945-4	Analysis Date	: 08/14/17 12:52
		File ID	: V22170814A01
		File ID	: V22170814A02

Parameter	Laboratory Control Sample			Laboratory Control Duplicate			RPD	Recovery Limits	RPD Limit
	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R			
p-Chlorotoluene	10	12.	120	10	12.	120	0	70-130	20
1,2-Dibromo-3-chloropropane	10	9.9	99	10	9.6	96	3	41-144	20
Hexachlorobutadiene	10	12.	120	10	12.	120	0	63-130	20
Isopropylbenzene	10	12.	120	10	12.	120	0	70-130	20
p-Isopropyltoluene	10	12.	120	10	12.	120	0	70-130	20
Naphthalene	10	10.	100	10	9.9	99	1	70-130	20
n-Propylbenzene	10	12.	120	10	12.	120	0	69-130	20
1,2,3-Trichlorobenzene	10	10.	100	10	10.	100	0	70-130	20
1,2,4-Trichlorobenzene	10	11.	110	10	11.	110	0	70-130	20
1,3,5-Trimethylbenzene	10	12.	120	10	12.	120	0	64-130	20
1,2,4-Trimethylbenzene	10	12.	120	10	12.	120	0	70-130	20
1,4-Dioxane	500	1300	260 Q	500	780	156	50 Q	56-162	20
p-Diethylbenzene	10	12.	120	10	12.	120	0	70-130	20
p-Ethyltoluene	10	12.	120	10	12.	120	0	70-130	20
1,2,4,5-Tetramethylbenzene	10	11.	110	10	11.	110	0	70-130	20
Ethyl ether	10	11.	110	10	10.	100	10	59-134	20
trans-1,4-Dichloro-2-butene	10	11.	110	10	11.	110	0	70-130	20



Laboratory Control Sample Form 3

Client	: AEI Consultants	Lab Number	: L1728063
Project Name	: VAZQUEZ	Project Number	: 344060
Matrix	: WATER		
LCS Sample ID	: WG1032492-3	Analysis Date	: 08/16/17 08:17
LCSD Sample ID	: WG1032492-4	Analysis Date	: 08/16/17 08:44
		File ID	: V22170816A01
		File ID	: V22170816A02

Parameter	Laboratory Control Sample			Laboratory Control Duplicate			RPD	Recovery Limits	RPD Limit
	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R			
1,2-Dichlorobenzene	10	9.5	95	10	10.	100	5	70-130	20
1,3-Dichlorobenzene	10	9.9	99	10	10.	100	1	70-130	20
1,4-Dichlorobenzene	10	9.6	96	10	10.	100	4	70-130	20
Methyl tert butyl ether	10	9.5	95	10	10.	100	5	63-130	20
p/m-Xylene	20	20.	100	20	22.	110	10	70-130	20
o-Xylene	20	20.	100	20	21.	105	5	70-130	20
cis-1,2-Dichloroethene	10	10.	100	10	11.	110	10	70-130	20
Dibromomethane	10	9.3	93	10	10.	100	7	70-130	20
1,2,3-Trichloropropane	10	9.6	96	10	10.	100	4	64-130	20
Acrylonitrile	10	10.	100	10	11.	110	10	70-130	20
Styrene	20	19.	95	20	21.	105	10	70-130	20
Dichlorodifluoromethane	10	13.	130	10	14.	140	7	36-147	20
Acetone	10	9.4	94	10	9.6	96	2	58-148	20
Carbon disulfide	10	11.	110	10	11.	110	0	51-130	20
2-Butanone	10	9.5	95	10	11.	110	15	63-138	20
Vinyl acetate	10	9.9	99	10	10.	100	1	70-130	20
4-Methyl-2-pentanone	10	8.2	82	10	9.4	94	14	59-130	20
2-Hexanone	10	8.6	86	10	10.	100	15	57-130	20
Bromochloromethane	10	10.	100	10	11.	110	10	70-130	20
2,2-Dichloropropane	10	11.	110	10	12.	120	9	63-133	20
1,2-Dibromoethane	10	8.8	88	10	9.6	96	9	70-130	20
1,3-Dichloropropane	10	9.5	95	10	10.	100	5	70-130	20
1,1,1,2-Tetrachloroethane	10	9.6	96	10	10.	100	4	64-130	20
Bromobenzene	10	9.4	94	10	10.	100	6	70-130	20
n-Butylbenzene	10	11.	110	10	11.	110	0	53-136	20
sec-Butylbenzene	10	10.	100	10	11.	110	10	70-130	20
tert-Butylbenzene	10	10.	100	10	11.	110	10	70-130	20
o-Chlorotoluene	10	10.	100	10	11.	110	10	70-130	20



Laboratory Control Sample Form 3

Client	: AEI Consultants	Lab Number	: L1728063
Project Name	: VAZQUEZ	Project Number	: 344060
Matrix	: WATER		
LCS Sample ID	: WG1032492-3	Analysis Date	: 08/16/17 08:17
LCS Sample ID	: WG1032492-4	Analysis Date	: 08/16/17 08:44
		File ID	: V22170816A01
		File ID	: V22170816A02

Parameter	Laboratory Control Sample			Laboratory Control Duplicate			RPD	Recovery Limits	RPD Limit
	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R			
p-Chlorotoluene	10	10.	100	10	11.	110	10	70-130	20
1,2-Dibromo-3-chloropropane	10	8.3	83	10	9.1	91	9	41-144	20
Hexachlorobutadiene	10	10.	100	10	11.	110	10	63-130	20
Isopropylbenzene	10	10.	100	10	11.	110	10	70-130	20
p-Isopropyltoluene	10	10.	100	10	11.	110	10	70-130	20
Naphthalene	10	8.7	87	10	9.6	96	10	70-130	20
n-Propylbenzene	10	10.	100	10	11.	110	10	69-130	20
1,2,3-Trichlorobenzene	10	9.0	90	10	9.8	98	9	70-130	20
1,2,4-Trichlorobenzene	10	9.4	94	10	10.	100	6	70-130	20
1,3,5-Trimethylbenzene	10	10.	100	10	11.	110	10	64-130	20
1,2,4-Trimethylbenzene	10	10.	100	10	11.	110	10	70-130	20
1,4-Dioxane	500	450	90	500	460	92	2	56-162	20
p-Diethylbenzene	10	10.	100	10	11.	110	10	70-130	20
p-Ethyltoluene	10	10.	100	10	11.	110	10	70-130	20
1,2,4,5-Tetramethylbenzene	10	9.8	98	10	10.	100	2	70-130	20
Ethyl ether	10	9.6	96	10	10.	100	4	59-134	20
trans-1,4-Dichloro-2-butene	10	9.3	93	10	10.	100	7	70-130	20



Method Blank Summary Form 4

Client : AEI Consultants
Project Name : VAZQUEZ
Lab Sample ID : WG1031945-5
Instrument ID : VOA122
Matrix : WATER

Lab Number : L1728063
Project Number : 344060
Lab File ID : V22170814A05
Analysis Date : 08/14/17 14:14

Client Sample No.	Lab Sample ID	Analysis Date
WG1031945-3LCS	WG1031945-3	08/14/17 12:25
WG1031945-4LCSD	WG1031945-4	08/14/17 12:52
MW-1	L1728063-01D	08/14/17 19:18
MW-3	L1728063-03	08/14/17 19:46
TB	L1728063-04	08/14/17 20:13
FB	L1728063-05	08/14/17 20:41



Method Blank Summary Form 4

Client	: AEI Consultants	Lab Number	: L1728063
Project Name	: VAZQUEZ	Project Number	: 344060
Lab Sample ID	: WG1032492-5	Lab File ID	: V22170816A05
Instrument ID	: VOA122		
Matrix	: WATER	Analysis Date	: 08/16/17 10:06

Client Sample No.	Lab Sample ID	Analysis Date
WG1032492-3LCS	WG1032492-3	08/16/17 08:17
WG1032492-4LCSD	WG1032492-4	08/16/17 08:44
MW-2	L1728063-02D	08/16/17 11:29



Instrument Performance Check Bromofluorobenzene (BFB) Form 5

Client : AEI Consultants	Lab Number : L1728063
Project Name : VAZQUEZ	Project Number : 344060
Instrument ID : VOA122	Analysis Date : 08/04/17 19:28
Tune Standard : WG1029271-1	Tune File ID : V22170804ABF1_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	15.0 - 40.0% of mass 95	15.8
75	30.0 - 60.0% of mass 95	45.8
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.5
173	Less than 2.0% of mass 174	0.8 (.9)1
174	Greater than 50.0 of mass 95	94.1
175	5.0 - 9.0% of mass 174	6.8 (7.2)1
176	95.0 - 101% of mass 174	90.6 (96.3)1
177	5.0 - 9.0% of mass 176	6 (6.6)2

1-Value is % of mass 174 2-Value is % of mass 176

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
STD11	R990883-1	V22170804A03	08/04/17 20:41
STD1	R990883-2	V22170804A04	08/04/17 21:08
STD2	R990883-3	V22170804A07	08/04/17 22:31
STD3	R990883-4	V22170804A08	08/04/17 22:58
STD4	R990883-5	V22170804A09	08/04/17 23:26
STD6	R990883-6	V22170804A10	08/04/17 23:54
STD8	R990883-8	V22170804A11	08/05/17 00:21
STD10	R990883-7	V22170804A12	08/05/17 00:48
ICV Quant Report	R990883-9	V22170804A18	08/05/17 03:34



**Instrument Performance Check
Bromofluorobenzene (BFB)
Form 5**

Client : AEI Consultants	Lab Number : L1728063
Project Name : VAZQUEZ	Project Number : 344060
Instrument ID : VOA122	Analysis Date : 08/14/17 12:05
Tune Standard : WG1031945-1	Tune File ID : V22170814ABF1_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	15.0 - 40.0% of mass 95	16.9
75	30.0 - 60.0% of mass 95	47.7
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	0.8 (.9)1
174	Greater than 50.0 of mass 95	90.8
175	5.0 - 9.0% of mass 174	6.8 (7.5)1
176	95.0 - 101% of mass 174	88.2 (97)1
177	5.0 - 9.0% of mass 176	5.8 (6.6)2

1-Value is % of mass 174 2-Value is % of mass 176

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG1031945-2CCAL	WG1031945-2	V22170814A01	08/14/17 12:25
WG1031945-3LCS	WG1031945-3	V22170814A01	08/14/17 12:25
WG1031945-4LCSD	WG1031945-4	V22170814A02	08/14/17 12:52
WG1031945-5BLANK	WG1031945-5	V22170814A05	08/14/17 14:14
MW-1	L1728063-01D	V22170814A16	08/14/17 19:18
MW-3	L1728063-03	V22170814A17	08/14/17 19:46
TB	L1728063-04	V22170814A18	08/14/17 20:13
FB	L1728063-05	V22170814A19	08/14/17 20:41



**Instrument Performance Check
Bromofluorobenzene (BFB)
Form 5**

Client : AEI Consultants	Lab Number : L1728063
Project Name : VAZQUEZ	Project Number : 344060
Instrument ID : VOA122	Analysis Date : 08/16/17 08:02
Tune Standard : WG1032492-1	Tune File ID : V22170816ABF1_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	15.0 - 40.0% of mass 95	17.2
75	30.0 - 60.0% of mass 95	47.7
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	0.9 (.9)1
174	Greater than 50.0 of mass 95	96
175	5.0 - 9.0% of mass 174	7 (7.3)1
176	95.0 - 101% of mass 174	93.9 (97.8)1
177	5.0 - 9.0% of mass 176	6.1 (6.5)2

1-Value is % of mass 174 2-Value is % of mass 176

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG1032492-2CCAL	WG1032492-2	V22170816A01	08/16/17 08:17
WG1032492-3LCS	WG1032492-3	V22170816A01	08/16/17 08:17
WG1032492-4LCSD	WG1032492-4	V22170816A02	08/16/17 08:44
WG1032492-5BLANK	WG1032492-5	V22170816A05	08/16/17 10:06
MW-2	L1728063-02D	V22170816A08	08/16/17 11:29



Internal Standard Area and RT Summary Form 8

Client : AEI Consultants
 Project Name : VAZQUEZ
 Instrument ID : VOA122
 Sample No : WG1031945-2

Lab Number : L1728063
 Project Number : 344060
 Analysis Date : 08/14/17 12:25
 Lab File ID : V22170814A01

	Fluorobenzene (IS)		Chlorobenzene-d5		1,4-Dichlorobenzene-D4	
	Area	RT	Area	RT	Area	RT
WG1031945-2	134445	6.09	113575	9.66	59934	12.35
Upper Limit	268890	6.59	227150	10.16	119868	12.85
Lower Limit	67223	5.59	56788	9.16	29967	11.85
Sample ID						
WG1031945-3 LCS	134445	6.09	113575	9.66	59934	12.35
WG1031945-4 LCSD	130472	6.10	111787	9.66	59009	12.35
WG1031945-5 BLANK	137940	6.10	117147	9.66	59523	12.35
MW-1	130869	6.10	112605	9.66	59362	12.35
MW-3	135289	6.10	115703	9.66	61525	12.35
TB	133753	6.10	114602	9.66	59911	12.35
FB	136065	6.10	116996	9.66	61528	12.35

Area Upper Limit = +100% of internal standard area
 Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
 RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits



Internal Standard Area and RT Summary Form 8

Client : AEI Consultants
 Project Name : VAZQUEZ
 Instrument ID : VOA122
 Sample No : WG1032492-2

Lab Number : L1728063
 Project Number : 344060
 Analysis Date : 08/16/17 08:17
 Lab File ID : V22170816A01

	Fluorobenzene (IS)		Chlorobenzene-d5		1,4-Dichlorobenzene-D4	
	Area	RT	Area	RT	Area	RT
WG1032492-2	139648	6.10	120275	9.66	63825	12.35
Upper Limit	279296	6.60	240550	10.16	127650	12.85
Lower Limit	69824	5.60	60138	9.16	31913	11.85
Sample ID						
WG1032492-3 LCS	139648	6.10	120275	9.66	63825	12.35
WG1032492-4 LCSD	127326	6.10	111357	9.66	59788	12.35
WG1032492-5 BLANK	126981	6.10	109456	9.66	56558	12.35
MW-2	123732	6.10	107811	9.66	55656	12.35

Area Upper Limit = +100% of internal standard area
 Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
 RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits



Volatile Organics - EPA 8260C (WATER)

Holding Time: 14 days
Container/Sample Preservation: 3 - Vial HCl preserved

Analyte	CAS #	RL	MDL	Units	LCS Criteria	LCS RPD	MS Criteria	MS RPD	Duplicate RPD	Surrogate Criteria
Methylene chloride	75-09-2	3	0.678	ug/l	70-130	20	70-130	20	20	
1,1-Dichloroethane	75-34-3	0.75	0.21	ug/l	70-130	20	70-130	20	20	
Chloroform	67-66-3	0.222	0.134	ug/l	70-130	20	70-130	20	20	
Carbon tetrachloride	56-23-5	0.5	0.134	ug/l	63-132	20	63-132	20	20	
1,2-Dichloropropane	78-87-5	1.75	0.137	ug/l	70-130	20	70-130	20	20	
Dibromochloromethane	124-48-1	0.5	0.149	ug/l	63-130	20	63-130	20	20	
1,1,2-Trichloroethane	79-00-5	0.75	0.144	ug/l	70-130	20	70-130	20	20	
2-Chloroethylvinyl ether	110-75-8	10	0.402	ug/l	70-130	20	70-130	20	20	
Tetrachloroethene	127-18-4	0.5	0.181	ug/l	70-130	20	70-130	20	20	
Chlorobenzene	108-90-7	0.5	0.178	ug/l	75-130	25	75-130	25	25	
Trichlorofluoromethane	75-69-4	2.5	0.161	ug/l	62-150	20	62-150	20	20	
1,2-Dichloroethane	107-06-2	0.5	0.132	ug/l	70-130	20	70-130	20	20	
1,1,1-Trichloroethane	71-55-6	0.5	0.158	ug/l	67-130	20	67-130	20	20	
Bromodichloromethane	75-27-4	0.5	0.192	ug/l	67-130	20	67-130	20	20	
trans-1,3-Dichloropropene	10061-02-6	0.5	0.164	ug/l	70-130	20	70-130	20	20	
cis-1,3-Dichloropropene	10061-01-5	0.5	0.144	ug/l	70-130	20	70-130	20	20	
1,3-Dichloropropene, Total	542-75-6	0.5	0.144	ug/l				20	20	
1,3-Dichloropropene, Total	542-75-6	0.5	0.144	ug/l				20	20	
1,1-Dichloropropene	563-58-6	2.5	0.24	ug/l	70-130	20	70-130	20	20	
Bromoform	75-25-2	2	0.248	ug/l	54-136	20	54-136	20	20	
1,1,2,2-Tetrachloroethane	79-34-5	0.5	0.167	ug/l	67-130	20	67-130	20	20	
Benzene	71-43-2	0.5	0.159	ug/l	70-130	25	70-130	25	25	
Toluene	108-88-3	0.75	0.203	ug/l	70-130	25	70-130	25	25	
Ethylbenzene	100-41-4	0.5	0.167	ug/l	70-130	20	70-130	20	20	
Chloromethane	74-87-3	2.5	0.2	ug/l	64-130	20	64-130	20	20	
Bromomethane	74-83-9	1	0.256	ug/l	39-139	20	39-139	20	20	
Vinyl chloride	75-01-4	1	0.0714	ug/l	55-140	20	55-140	20	20	
Chloroethane	75-00-3	1	0.134	ug/l	55-138	20	55-138	20	20	
1,1-Dichloroethene	75-35-4	0.5	0.169	ug/l	61-145	25	61-145	25	25	
trans-1,2-Dichloroethene	156-60-5	0.75	0.163	ug/l	70-130	20	70-130	20	20	
1,2-Dichloroethene (total)	540-59-0	0.5	0.163	ug/l				20	20	
1,2-Dichloroethene (total)	540-59-0	0.5	0.163	ug/l				20	20	
Trichloroethene	79-01-6	0.5	0.175	ug/l	70-130	25	70-130	25	25	
1,2-Dichlorobenzene	95-50-1	2.5	0.184	ug/l	70-130	20	70-130	20	20	
1,3-Dichlorobenzene	541-73-1	2.5	0.186	ug/l	70-130	20	70-130	20	20	
1,4-Dichlorobenzene	106-46-7	2.5	0.187	ug/l	70-130	20	70-130	20	20	
Methyl tert butyl ether	1634-04-4	1	0.166	ug/l	63-130	20	63-130	20	20	
p/m-Xylene	179601-23-1	1	0.332	ug/l	70-130	20	70-130	20	20	
o-Xylene	95-47-6	1	0.392	ug/l	70-130	20	70-130	20	20	
Xylene (Total)	1330-20-7	1	0.33	ug/l				20	20	
Xylene (Total)	1330-20-7	1	0.33	ug/l				20	20	
cis-1,2-Dichloroethene	156-59-2	0.5	0.187	ug/l	70-130	20	70-130	20	20	

Please Note that the RL information provided in this table is calculated using a 100% Solids factor. (Soil/Solids only)



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Volatile Organics - EPA 8260C (WATER)

Holding Time: 14 days
Container/Sample Preservation: 3 - Vial HCl preserved

Analyte	CAS #	RL	MDL	Units	LCS Criteria	LCS RPD	MS Criteria	MS RPD	Duplicate RPD	Surrogate Criteria
Dibromomethane	74-95-3	5	0.363	ug/l	70-130	20	70-130	20	20	
1,4-Dichlorobutane	110-56-5	5	0.464	ug/l	70-130	20	70-130	20	20	
Iodomethane	74-88-4	5	0.398	ug/l	70-130	20	70-130	20	20	
1,2,3-Trichloropropane	96-18-4	5	0.176	ug/l	64-130	20	64-130	20	20	
Styrene	100-42-5	1	0.359	ug/l	70-130	20	70-130	20	20	
Dichlorodifluoromethane	75-71-8	5	0.244	ug/l	36-147	20	36-147	20	20	
Acetone	67-64-1	5	1.46	ug/l	58-148	20	58-148	20	20	
Carbon disulfide	75-15-0	5	0.299	ug/l	51-130	20	51-130	20	20	
2-Butanone	78-93-3	5	1.94	ug/l	63-138	20	63-138	20	20	
Vinyl acetate	108-05-4	5	0.311	ug/l	70-130	20	70-130	20	20	
4-Methyl-2-pentanone	108-10-1	5	0.416	ug/l	59-130	20	59-130	20	20	
2-Hexanone	591-78-6	5	0.515	ug/l	57-130	20	57-130	20	20	
Ethyl methacrylate	97-63-2	5	0.606	ug/l	70-130	20	70-130	20	20	
Acrolein	107-02-8	5	0.441	ug/l	70-130	20	70-130	20	20	
Acrylonitrile	107-13-1	5	0.43	ug/l	70-130	20	70-130	20	20	
Bromochloromethane	74-97-5	2.5	0.152	ug/l	70-130	20	70-130	20	20	
Tetrahydrofuran	109-99-9	5	0.834	ug/l	58-130	20	58-130	20	20	
2,2-Dichloropropane	594-20-7	2.5	0.204	ug/l	63-133	20	63-133	20	20	
1,2-Dibromoethane	106-93-4	2	0.193	ug/l	70-130	20	70-130	20	20	
1,3-Dichloropropane	142-28-9	2.5	0.212	ug/l	70-130	20	70-130	20	20	
1,1,1,2-Tetrachloroethane	630-20-6	0.5	0.164	ug/l	64-130	20	64-130	20	20	
Bromobenzene	108-86-1	2.5	0.152	ug/l	70-130	20	70-130	20	20	
n-Butylbenzene	104-51-8	0.5	0.192	ug/l	53-136	20	53-136	20	20	
sec-Butylbenzene	135-98-8	0.5	0.181	ug/l	70-130	20	70-130	20	20	
tert-Butylbenzene	98-06-6	2.5	0.196	ug/l	70-130	20	70-130	20	20	
o-Chlorotoluene	95-49-8	2.5	0.215	ug/l	70-130	20	70-130	20	20	
p-Chlorotoluene	106-43-4	2.5	0.185	ug/l	70-130	20	70-130	20	20	
1,2-Dibromo-3-chloropropane	96-12-8	2.5	0.353	ug/l	41-144	20	41-144	20	20	
Hexachlorobutadiene	87-68-3	0.5	0.217	ug/l	63-130	20	63-130	20	20	
Isopropylbenzene	98-82-8	0.5	0.187	ug/l	70-130	20	70-130	20	20	
p-Isopropyltoluene	99-87-6	0.5	0.188	ug/l	70-130	20	70-130	20	20	
Naphthalene	91-20-3	2.5	0.216	ug/l	70-130	20	70-130	20	20	
n-Propylbenzene	103-65-1	0.5	0.173	ug/l	69-130	20	69-130	20	20	
1,2,3-Trichlorobenzene	87-61-6	2.5	0.234	ug/l	70-130	20	70-130	20	20	
1,2,4-Trichlorobenzene	120-82-1	2.5	0.22	ug/l	70-130	20	70-130	20	20	
1,3,5-Trimethylbenzene	108-67-8	2.5	0.217	ug/l	64-130	20	64-130	20	20	
1,3,5-Trichlorobenzene	108-70-3	2	0.141	ug/l	70-130	20	70-130	20	20	
1,2,4-Trimethylbenzene	95-63-6	2.5	0.191	ug/l	70-130	20	70-130	20	20	
trans-1,4-Dichloro-2-butene	110-57-6	2.5	0.213	ug/l	70-130	20	70-130	20	20	
Haloethane	151-67-7	2.5	0.287	ug/l	70-130	20	70-130	30	30	
Ethyl ether	60-29-7	2.5	0.163	ug/l	59-134	20	59-134	20	20	
Methyl Acetate	79-20-9	10	0.234	ug/l	70-130	20	70-130	20	20	

Please Note that the RL information provided in this table is calculated using a 100% Solids factor. (Soil/Solids only)



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Volatile Organics - EPA 8260C (WATER)

Holding Time: 14 days
Container/Sample Preservation: 3 - Vial HCl preserved

Analyte	CAS #	RL	MDL	Units	LCS Criteria	LCS RPD	MS Criteria	MS RPD	Duplicate RPD	Surrogate Criteria
Ethyl Acetate	141-78-6	10	0.716	ug/l	70-130	20	70-130	20	20	
Acetonitrile	75-05-8	20	20	ug/l	70-130	20	70-130	20	20	
n-Hexane	110-54-3	10	10	ug/l	70-130	20	70-130	20	20	
Isopropyl Ether	108-20-3	2	0.425	ug/l	70-130	20	70-130	20	20	
Cyclohexane	110-82-7	10	0.271	ug/l	70-130	20	70-130	20	20	
Heptane	142-82-5	10	10	ug/l	70-130	20	70-130	20	20	
Butyl Acetate	123-86-4	10	10	ug/l	70-130	20	70-130	20	20	
tert-Butyl Alcohol	75-65-0	10	1.4	ug/l	70-130	20	70-130	20	20	
Ethyl-Tert-Butyl-Ether	637-92-3	2	0.179	ug/l	70-130	20	70-130	20	20	
Tertiary-Amyl Methyl Ether	994-05-8	2	0.278	ug/l	66-130	20	66-130	20	20	
1,4-Dioxane	123-91-1	250	60.8	ug/l	56-162	20	56-162	20	20	
Methyl Methacrylate	80-62-6	2.5	0.321	ug/l	70-130	20	70-130	20	20	
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	10	0.148	ug/l	70-130	20	70-130	20	20	
Iso-Butyl Alcohol	78-83-1	10	3.97	ug/l	70-130	20	70-130	20	20	
Methyl cyclohexane	108-87-2	10	0.396	ug/l	70-130	20	70-130	20	20	
Ethyl Alcohol	GDAD06	250	14.5	ug/l	70-130	20	70-130	20	20	
Methyl Isothiocyanate	556-61-6	2	2	ug/l	70-130	20	70-130	20	20	
2-Pentanone	107-87-9	2	2	ug/l	70-130	20	70-130	20	20	
Iso-Propyl Alcohol	67-63-0	100	3.52	ug/l	70-130	20	70-130	20	20	
1,4-Diethylbenzene	105-05-5	2	0.392	ug/l	70-130	20	70-130	20	20	
4-Ethyltoluene	622-96-8	2	0.34	ug/l	70-130	20	70-130	20	20	
1,2,4,5-Tetramethylbenzene	95-93-2	2	0.542	ug/l	70-130	20	70-130	20	20	
sec-Butyl Alcohol	78-92-2	25	6.84	ug/l	70-130	20	70-130	20	20	
4-Penten-2-Ol	625-31-0	100	6.61	ug/l	70-130	20	70-130	20	20	
2-Methyl-2-Butanol	75-85-4	25	7.04	ug/l	70-130	20	70-130	20	20	
4-Methyl-2-Pentanol	108-11-2	25	6.74	ug/l	70-130	20	70-130	20	20	
n-Butyl Alcohol	71-36-3	100	8.02	ug/l	70-130	20	70-130	20	20	
Chloropirrin	76-06-02	20	2.95	ug/l	70-130	20	70-130	20	20	
Pentachloroethane	76-01-7	2	0.589	ug/l	70-130	20	70-130	20	20	
1,2-Dichloroethane-4d	17060-07-0									70-130
Toluene-d8	2037-26-5									70-130
4-Bromofluorobenzene	460-00-4									70-130
Dibromofluoromethane	1868-53-7									70-130

Please Note that the RL information provided in this table is calculated using a 100% Solids factor. (Soil/Solids only)
Please Note that the information provided in this table is subject to change at anytime at the discretion of Alpha Analytical, Inc.



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Volatile Organics - EPA 8260C/5035 High (SOIL)

Holding Time: 14 days
Container/Sample Preservation: 1 - Vial MeOH preserved

Analyte	CAS #	RL	MDL	Units	LCS Criteria	LCS RPD	MS Criteria	MS RPD	Duplicate RPD	Surrogate Criteria
Methylene chloride	75-09-2	500	55.2	ug/kg	70-130	30	70-130	30	30	
1,1-Dichloroethane	75-34-3	75	4.28	ug/kg	70-130	30	70-130	30	30	
Chloroform	67-66-3	75	18.5	ug/kg	70-130	30	70-130	30	30	
Carbon tetrachloride	56-23-5	50	10.5	ug/kg	70-130	30	70-130	30	30	
1,2-Dichloropropane	78-87-5	175	11.4	ug/kg	70-130	30	70-130	30	30	
Dibromochloromethane	124-48-1	50	7.68	ug/kg	70-130	30	70-130	30	30	
1,1,2-Trichloroethane	79-00-5	75	15.2	ug/kg	70-130	30	70-130	30	30	
Tetrachloroethane	127-18-4	50	7.01	ug/kg	70-130	30	70-130	30	30	
Chlorobenzene	108-90-7	50	17.4	ug/kg	70-130	30	70-130	30	30	
Trichlorofluoromethane	75-69-4	250	19.4	ug/kg	70-139	30	70-139	30	30	
1,2-Dichloroethane	107-06-2	50	5.67	ug/kg	70-130	30	70-130	30	30	
1,1,1-Trichloroethane	71-55-6	50	5.54	ug/kg	70-130	30	70-130	30	30	
Bromodichloromethane	75-27-4	50	8.66	ug/kg	70-130	30	70-130	30	30	
trans-1,3-Dichloropropene	10061-02-6	50	6.04	ug/kg	70-130	30	70-130	30	30	
cis-1,3-Dichloropropene	10061-01-5	50	5.88	ug/kg	70-130	30	70-130	30	30	
1,3-Dichloropropene, Total	542-75-6	50	5.88	ug/kg						
1,3-Dichloropropene	563-58-6	250	7.07	ug/kg	70-130	30	70-130	30	30	
Bromoform	75-25-2	200	11.8	ug/kg	70-130	30	70-130	30	30	
1,1,2,2-Tetrachloroethane	79-34-5	50	5.04	ug/kg	70-130	30	70-130	30	30	
Benzene	71-43-2	50	5.9	ug/kg	70-130	30	70-130	30	30	
Toluene	108-88-3	75	9.74	ug/kg	70-130	30	70-130	30	30	
Ethylbenzene	100-41-4	50	6.37	ug/kg	70-130	30	70-130	30	30	
Chloromethane	74-87-3	250	14.7	ug/kg	52-130	30	52-130	30	30	
Bromomethane	74-83-9	100	16.9	ug/kg	57-147	30	57-147	30	30	
Vinyl chloride	75-01-4	100	5.87	ug/kg	67-130	30	67-130	30	30	
Chloroethane	75-00-3	100	15.8	ug/kg	50-151	30	50-151	30	30	
1,1-Dichloroethene	75-35-4	50	13.1	ug/kg	65-135	30	65-135	30	30	
trans-1,2-Dichloroethene	156-60-5	75	10.6	ug/kg	70-130	30	70-130	30	30	
Trichloroethene	79-01-6	50	6.25	ug/kg	70-130	30	70-130	30	30	
1,2-Dichlorobenzene	95-50-1	250	7.66	ug/kg	70-130	30	70-130	30	30	
1,3-Dichlorobenzene	541-73-1	250	6.75	ug/kg	70-130	30	70-130	30	30	
1,4-Dichlorobenzene	106-46-7	250	6.92	ug/kg	70-130	30	70-130	30	30	
Methyl tert butyl ether	1634-04-4	100	4.22	ug/kg	66-130	30	66-130	30	30	
p/m-Xylene	179601-23-1	100	17.55	ug/kg	70-130	30	70-130	30	30	
o-Xylene	95-47-6	100	16.9	ug/kg	70-130	30	70-130	30	30	
Xylene (Total)	1330-20-7	100	8.59	ug/kg						
Xylene (Total)	1330-20-7	100	8.59	ug/kg						
dis-1,2-Dichloroethene	156-59-2	50	7.14	ug/kg	70-130	30	70-130	30	30	
1,2-Dichloroethene (total)	540-59-0	50	7.14	ug/kg						
1,2-Dichloroethene (total)	540-59-0	50	7.14	ug/kg						
Dibromomethane	74-95-3	500	8.18	ug/kg	70-130	30	70-130	30	30	

Please Note that the RL information provided in this table is calculated using a 100% Solids factor. (Soil/Solids only)



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Volatile Organics - EPA 8260C/5035 High (SOIL)

Holding Time: 14 days
Container/Sample Preservation: 1 - Vial MeOH preserved

Analyte	CAS #	RL	MDL	Units	LCS Criteria	LCS RPD	MS Criteria	MS RPD	Duplicate RPD	Surrogate Criteria
1,4-Dichlorobutane	110-56-5	500	6.6	ug/kg	70-130	30	70-130	30	30	
1,2,3-Trichloropropane	96-18-4	500	8.13	ug/kg	68-130	30	68-130	30	30	
Styrene	100-42-5	100	20.1	ug/kg	70-130	30	70-130	30	30	
Dichlorodifluoromethane	75-71-8	500	9.54	ug/kg	30-146	30	30-146	30	30	
Acetone	67-64-1	1800	51.8	ug/kg	54-140	30	54-140	30	30	
Carbon disulfide	75-15-0	500	55.1	ug/kg	59-130	30	59-130	30	30	
2-Butanone	78-93-3	500	13.6	ug/kg	70-130	30	70-130	30	30	
Vinyl acetate	108-05-4	500	6.61	ug/kg	70-130	30	70-130	30	30	
4-Methyl-2-pentanone	108-10-1	500	12.2	ug/kg	70-130	30	70-130	30	30	
2-Hexanone	591-78-6	500	33.3	ug/kg	70-130	30	70-130	30	30	
Ethyl methacrylate	97-63-2	500	7.73	ug/kg	70-130	30	70-130	30	30	
Acrylonitrile	107-13-1	200	25.7	ug/kg	70-130	30	70-130	30	30	
Bromochloromethane	74-97-5	250	13.8	ug/kg	70-130	30	70-130	30	30	
Tetrahydrofuran	109-99-9	1000	49.8	ug/kg	66-130	30	66-130	30	30	
2,2-Dichloropropane	594-20-7	250	11.3	ug/kg	70-130	30	70-130	30	30	
1,2-Dibromoethane	106-93-4	200	8.72	ug/kg	70-130	30	70-130	30	30	
1,3-Dichloropropane	142-28-9	250	7.26	ug/kg	69-130	30	69-130	30	30	
1,1,1,2-Tetrachloroethane	630-20-6	50	15.9	ug/kg	70-130	30	70-130	30	30	
Bromobenzene	108-86-1	250	10.4	ug/kg	70-130	30	70-130	30	30	
n-Butylbenzene	104-51-8	50	5.74	ug/kg	70-130	30	70-130	30	30	
sec-Butylbenzene	135-98-8	50	6.1	ug/kg	70-130	30	70-130	30	30	
tert-Butylbenzene	98-06-6	250	6.77	ug/kg	70-130	30	70-130	30	30	
1,3,5-Trichlorobenzene	108-70-3	200	11.5	ug/kg	70-130	30	70-130	30	30	
o-Chlorotoluene	95-49-8	250	7.99	ug/kg	70-130	30	70-130	30	30	
1,2,4-Trichlorobenzene	106-43-4	250	6.64	ug/kg	70-130	30	70-130	30	30	
p-Chlorotoluene	96-12-8	250	19.8	ug/kg	68-130	30	68-130	30	30	
1,2-Dibromo-3-chloropropane	87-68-3	250	11.4	ug/kg	67-130	30	67-130	30	30	
Hexachlorobutadiene	98-82-8	50	5.19	ug/kg	70-130	30	70-130	30	30	
Isopropylbenzene	99-87-6	50	6.25	ug/kg	70-130	30	70-130	30	30	
p-Isopropyltoluene	91-20-3	250	6.92	ug/kg	70-130	30	70-130	30	30	
Naphthalene	103-65-1	50	5.46	ug/kg	70-130	30	70-130	30	30	
n-Propylbenzene	87-61-6	250	7.38	ug/kg	70-130	30	70-130	30	30	
1,2,3-Trichlorobenzene	120-82-1	250	9.09	ug/kg	70-130	30	70-130	30	30	
1,2,4-Trichlorobenzene	108-67-8	250	7.17	ug/kg	70-130	30	70-130	30	30	
1,3,5-Trimethylbenzene	95-63-6	250	7.07	ug/kg	70-130	30	70-130	30	30	
1,2,4-Trimethylbenzene	110-57-6	250	19.6	ug/kg	70-130	30	70-130	30	30	
trans-1,4-Dichloro-2-butene	67-63-0	5000	5000	ug/kg	70-130	20	70-130	20	20	
iso-Propyl Alcohol	60-29-7	250	13	ug/kg	67-130	30	67-130	30	30	
Ethyl ether	79-20-9	1000	13.5	ug/kg	65-130	30	65-130	30	30	
Methyl Acetate	141-78-6	1000	46.1	ug/kg	70-130	30	70-130	30	30	
Ethyl Acetate	108-20-3	200	6.98	ug/kg	66-130	30	66-130	30	30	
Isopropyl Ether	110-82-7	1000	7.3	ug/kg	70-130	30	70-130	30	30	
Cyclohexane										

Please Note that the RL information provided in this table is calculated using a 100% Solids factor. (Soil/Solids only)



VOCs - EPA 8260C/5035 High & Low (SOIL)

Holding Time: 14 days
Container/Sample Preservation: 1 - 1 Vial MeOH/2 Vial Water

Analyte	CAS #	RL	MDL	Units	LCS Criteria	LCS RPD	MS Criteria	MS RPD	Duplicate RPD	Surrogate Criteria
Methylene chloride	75-09-2	10	1.104	ug/kg	70-130	30	70-130	30	30	
1,1-Dichloroethane	75-34-3	1.5	0.0856	ug/kg	70-130	30	70-130	30	30	
Chloroform	67-66-3	1.5	0.37	ug/kg	70-130	30	70-130	30	30	
Carbon tetrachloride	56-23-5	1	0.21	ug/kg	70-130	30	70-130	30	30	
1,2-Dichloropropane	78-87-5	3.5	0.228	ug/kg	70-130	30	70-130	30	30	
Dibromochloromethane	124-48-1	1	0.1536	ug/kg	70-130	30	70-130	30	30	
1,1,2-Trichloroethane	79-00-5	1.5	0.304	ug/kg	70-130	30	70-130	30	30	
Tetrachloroethane	127-18-4	1	0.1402	ug/kg	70-130	30	70-130	30	30	
Chlorobenzene	108-90-7	1	0.348	ug/kg	70-130	30	70-130	30	30	
Trichlorofluoromethane	75-69-4	5	0.388	ug/kg	70-139	30	70-139	30	30	
1,2-Dichloroethane	107-06-2	1	0.1134	ug/kg	70-130	30	70-130	30	30	
1,1,1-Trichloroethane	71-55-6	1	0.1108	ug/kg	70-130	30	70-130	30	30	
Bromodichloromethane	75-27-4	1	0.1732	ug/kg	70-130	30	70-130	30	30	
trans-1,3-Dichloropropene	10061-02-6	1	0.1208	ug/kg	70-130	30	70-130	30	30	
cis-1,3-Dichloropropene	10061-01-5	1	0.1176	ug/kg	70-130	30	70-130	30	30	
1,3-Dichloropropene, Total	542-75-6	1	0.1176	ug/kg						
1,3-Dichloropropene	542-75-6	1	0.1176	ug/kg	70-130	30	70-130	30	30	
Bromoforn	75-25-2	4	0.236	ug/kg	70-130	30	70-130	30	30	
1,1,2,2-Tetrachloroethane	79-34-5	1	0.1008	ug/kg	70-130	30	70-130	30	30	
Benzene	71-43-2	1	0.118	ug/kg	70-130	30	70-130	30	30	
Toluene	108-88-3	1.5	0.1948	ug/kg	70-130	30	70-130	30	30	
Ethylbenzene	100-41-4	1	0.1274	ug/kg	70-130	30	70-130	30	30	
Chloromethane	74-87-3	5	0.294	ug/kg	52-130	30	52-130	30	30	
Bromomethane	74-83-9	2	0.338	ug/kg	57-147	30	57-147	30	30	
Vinyl chloride	75-01-4	2	0.1174	ug/kg	67-130	30	67-130	30	30	
Chloroethane	75-00-3	2	0.316	ug/kg	50-151	30	50-151	30	30	
1,1-Dichloroethene	75-35-4	1	0.262	ug/kg	65-135	30	65-135	30	30	
trans-1,2-Dichloroethene	156-60-5	1.5	0.212	ug/kg	70-130	30	70-130	30	30	
Trichloroethene	79-01-6	1	0.125	ug/kg	70-130	30	70-130	30	30	
1,2-Dichlorobenzene	95-50-1	5	0.1532	ug/kg	70-130	30	70-130	30	30	
1,3-Dichlorobenzene	541-73-1	5	0.135	ug/kg	70-130	30	70-130	30	30	
1,4-Dichlorobenzene	106-46-7	5	0.1384	ug/kg	70-130	30	70-130	30	30	
Methyl tert butyl ether	1634-04-4	2	0.0844	ug/kg	66-130	30	66-130	30	30	
p/m-Xylene	179601-23-1	2	0.351	ug/kg	70-130	30	70-130	30	30	
o-Xylene	95-47-6	2	0.338	ug/kg	70-130	30	70-130	30	30	
Xylene (Total)	1330-20-7	2	0.1718	ug/kg						
Xylene (Total)	1330-20-7	2	0.1718	ug/kg						
dis-1,2-Dichloroethene	156-59-2	1	0.1428	ug/kg	70-130	30	70-130	30	30	
1,2-Dichloroethene (total)	540-59-0	1	0.1428	ug/kg						
1,2-Dichloroethene (total)	540-59-0	1	0.1428	ug/kg						
Dibromomethane	74-95-3	10	0.1636	ug/kg	70-130	30	70-130	30	30	

Please Note that the RL information provided in this table is calculated using a 100% Solids factor. (Soil/Solids only)



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VOCs - EPA 8260C/5035 High & Low (SOIL)

Holding Time: 14 days
Container/Sample Preservation: 1 - 1 Vial MeOH/2 Vial Water

Analyte	CAS #	RL	MDL	Units	LCS Criteria	LCS RPD	MS Criteria	MS RPD	Duplicate RPD	Surrogate Criteria
1,4-Dichlorobutane	110-56-5	10	0.132	ug/kg	70-130	30	70-130	30	30	
1,2,3-Trichloropropane	96-18-4	10	0.1626	ug/kg	68-130	30	68-130	30	30	
Styrene	100-42-5	2	0.402	ug/kg	70-130	30	70-130	30	30	
Dichlorodifluoromethane	75-71-8	10	0.1908	ug/kg	30-146	30	30-146	30	30	
Acetone	67-64-1	36	1.036	ug/kg	54-140	30	54-140	30	30	
Carbon disulfide	75-15-0	10	1.102	ug/kg	59-130	30	59-130	30	30	
2-Butanone	78-93-3	10	0.272	ug/kg	70-130	30	70-130	30	30	
Vinyl acetate	108-05-4	10	0.1322	ug/kg	70-130	30	70-130	30	30	
4-Methyl-2-pentanone	108-10-1	10	0.244	ug/kg	70-130	30	70-130	30	30	
2-Hexanone	591-78-6	10	0.666	ug/kg	70-130	30	70-130	30	30	
Ethyl methacrylate	97-63-2	10	0.1546	ug/kg	70-130	30	70-130	30	30	
Acrylonitrile	107-13-1	4	0.514	ug/kg	70-130	30	70-130	30	30	
Bromochloromethane	74-97-5	5	0.276	ug/kg	70-130	30	70-130	30	30	
Tetrahydrofuran	109-99-9	20	0.996	ug/kg	66-130	30	66-130	30	30	
2,2-Dichloropropane	594-20-7	5	0.226	ug/kg	70-130	30	70-130	30	30	
1,2-Dibromoethane	106-93-4	4	0.1744	ug/kg	70-130	30	70-130	30	30	
1,3-Dichloropropane	142-28-9	5	0.1452	ug/kg	69-130	30	69-130	30	30	
1,1,1,2-Tetrachloroethane	630-20-6	1	0.318	ug/kg	70-130	30	70-130	30	30	
Bromobenzene	108-86-1	5	0.208	ug/kg	70-130	30	70-130	30	30	
n-Butylbenzene	104-51-8	1	0.1148	ug/kg	70-130	30	70-130	30	30	
sec-Butylbenzene	135-98-8	1	0.122	ug/kg	70-130	30	70-130	30	30	
tert-Butylbenzene	98-06-6	5	0.1354	ug/kg	70-130	30	70-130	30	30	
1,3,5-Trichlorobenzene	108-70-3	4	0.23	ug/kg	70-139	30	70-130	30	30	
o-Chlorotoluene	95-49-8	5	0.1598	ug/kg	70-130	30	70-130	30	30	
p-Chlorotoluene	106-43-4	5	0.1328	ug/kg	70-130	30	70-130	30	30	
1,2-Dibromo-3-chloropropane	96-12-8	5	0.396	ug/kg	68-130	30	68-130	30	30	
Hexachlorobutadiene	87-68-3	5	0.228	ug/kg	67-130	30	67-130	30	30	
Isopropylbenzene	98-82-8	1	0.1038	ug/kg	70-130	30	70-130	30	30	
p-Isopropyltoluene	99-87-6	1	0.125	ug/kg	70-130	30	70-130	30	30	
Naphthalene	91-20-3	5	0.1384	ug/kg	70-130	30	70-130	30	30	
n-Propylbenzene	103-65-1	1	0.1092	ug/kg	70-130	30	70-130	30	30	
1,2,3-Trichlorobenzene	87-61-6	5	0.1476	ug/kg	70-130	30	70-130	30	30	
1,2,4-Trichlorobenzene	120-82-1	5	0.1818	ug/kg	70-130	30	70-130	30	30	
1,3,5-Trimethylbenzene	108-67-8	5	0.1434	ug/kg	70-130	30	70-130	30	30	
1,2,4-Trimethylbenzene	95-63-6	5	0.1414	ug/kg	70-130	30	70-130	30	30	
trans-1,4-Dichloro-2-butene	110-57-6	5	0.392	ug/kg	70-130	30	70-130	30	30	
Ethyl ether	60-29-7	5	0.26	ug/kg	67-130	30	67-130	30	30	
Methyl Acetate	79-20-9	20	0.27	ug/kg	65-130	30	65-130	30	30	
Ethyl Acetate	141-78-6	20	0.922	ug/kg	70-130	30	70-130	30	30	
Isopropyl Ether	108-20-3	4	0.1396	ug/kg	66-130	30	66-130	30	30	
Cyclohexane	108-82-7	20	0.146	ug/kg	70-130	30	70-130	30	30	
Ethyl-Tert-Butyl-Ether	637-92-3	4	0.1158	ug/kg	70-130	30	70-130	30	30	

Please Note that the RL information provided in this table is calculated using a 100% Solids factor. (Soil/Solids only)



Volatiles Sample Data

Form 1 VOA

Client : AEI Consultants
 Project Name : VAZQUEZ
 Lab ID : L1728063-01D
 Client ID : MW-1
 Sample Location : 4778 BROADWAY, NYC, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260C
 Lab File ID : V22170814A16
 Sample Amount : 0.1 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L1728063
 Project Number : 344060
 Date Collected : 08/10/17 08:05
 Date Received : 08/11/17
 Date Analyzed : 08/14/17 19:18
 Dilution Factor : 100
 Analyst : PD
 Instrument ID : VOA122
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	250	70.	U
75-34-3	1,1-Dichloroethane	ND	250	70.	U
67-66-3	Chloroform	ND	250	70.	U
56-23-5	Carbon tetrachloride	ND	50	13.	U
78-87-5	1,2-Dichloropropane	ND	100	14.	U
124-48-1	Dibromochloromethane	ND	50	15.	U
79-00-5	1,1,2-Trichloroethane	ND	150	50.	U
127-18-4	Tetrachloroethene	ND	50	18.	U
108-90-7	Chlorobenzene	ND	250	70.	U
75-69-4	Trichlorofluoromethane	ND	250	70.	U
107-06-2	1,2-Dichloroethane	ND	50	13.	U
71-55-6	1,1,1-Trichloroethane	ND	250	70.	U
75-27-4	Bromodichloromethane	ND	50	19.	U
10061-02-6	trans-1,3-Dichloropropene	ND	50	16.	U
10061-01-5	cis-1,3-Dichloropropene	ND	50	14.	U
542-75-6	1,3-Dichloropropene, Total	ND	50	14.	U
563-58-6	1,1-Dichloropropene	ND	250	70.	U
75-25-2	Bromoform	ND	200	65.	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	50	17.	U
71-43-2	Benzene	3100	50	16.	
108-88-3	Toluene	12000	250	70.	
100-41-4	Ethylbenzene	3300	250	70.	
74-87-3	Chloromethane	ND	250	70.	U
74-83-9	Bromomethane	ND	250	70.	U
75-01-4	Vinyl chloride	ND	100	7.1	U
75-00-3	Chloroethane	ND	250	70.	U
75-35-4	1,1-Dichloroethene	ND	50	17.	U



Form 1 VOA

Client : AEI Consultants
 Project Name : VAZQUEZ
 Lab ID : L1728063-01D
 Client ID : MW-1
 Sample Location : 4778 BROADWAY, NYC, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260C
 Lab File ID : V22170814A16
 Sample Amount : 0.1 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L1728063
 Project Number : 344060
 Date Collected : 08/10/17 08:05
 Date Received : 08/11/17
 Date Analyzed : 08/14/17 19:18
 Dilution Factor : 100
 Analyst : PD
 Instrument ID : VOA122
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	250	70.	U
79-01-6	Trichloroethene	ND	50	18.	U
95-50-1	1,2-Dichlorobenzene	ND	250	70.	U
541-73-1	1,3-Dichlorobenzene	ND	250	70.	U
106-46-7	1,4-Dichlorobenzene	ND	250	70.	U
1634-04-4	Methyl tert butyl ether	ND	250	70.	U
179601-23-1	p/m-Xylene	12000	250	70.	
95-47-6	o-Xylene	5300	250	70.	
1330-20-7	Xylenes, Total	17000	250	70.	
156-59-2	cis-1,2-Dichloroethene	ND	250	70.	U
540-59-0	1,2-Dichloroethene, Total	ND	250	70.	U
74-95-3	Dibromomethane	ND	500	100	U
96-18-4	1,2,3-Trichloropropane	ND	250	70.	U
107-13-1	Acrylonitrile	ND	500	150	U
100-42-5	Styrene	ND	250	70.	U
75-71-8	Dichlorodifluoromethane	ND	500	100	U
67-64-1	Acetone	ND	500	150	U
75-15-0	Carbon disulfide	ND	500	100	U
78-93-3	2-Butanone	ND	500	190	U
108-05-4	Vinyl acetate	ND	500	100	U
108-10-1	4-Methyl-2-pentanone	ND	500	100	U
591-78-6	2-Hexanone	ND	500	100	U
74-97-5	Bromochloromethane	ND	250	70.	U
594-20-7	2,2-Dichloropropane	ND	250	70.	U
106-93-4	1,2-Dibromoethane	ND	200	65.	U
142-28-9	1,3-Dichloropropane	ND	250	70.	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	250	70.	U



Form 1 VOA

Client : AEI Consultants
 Project Name : VAZQUEZ
 Lab ID : L1728063-01D
 Client ID : MW-1
 Sample Location : 4778 BROADWAY, NYC, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260C
 Lab File ID : V22170814A16
 Sample Amount : 0.1 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L1728063
 Project Number : 344060
 Date Collected : 08/10/17 08:05
 Date Received : 08/11/17
 Date Analyzed : 08/14/17 19:18
 Dilution Factor : 100
 Analyst : PD
 Instrument ID : VOA122
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
108-86-1	Bromobenzene	ND	250	70.	U
104-51-8	n-Butylbenzene	ND	250	70.	U
135-98-8	sec-Butylbenzene	ND	250	70.	U
98-06-6	tert-Butylbenzene	ND	250	70.	U
95-49-8	o-Chlorotoluene	ND	250	70.	U
106-43-4	p-Chlorotoluene	ND	250	70.	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	250	70.	U
87-68-3	Hexachlorobutadiene	ND	250	70.	U
98-82-8	Isopropylbenzene	84	250	70.	J
99-87-6	p-Isopropyltoluene	ND	250	70.	U
91-20-3	Naphthalene	400	250	70.	
103-65-1	n-Propylbenzene	200	250	70.	J
87-61-6	1,2,3-Trichlorobenzene	ND	250	70.	U
120-82-1	1,2,4-Trichlorobenzene	ND	250	70.	U
108-67-8	1,3,5-Trimethylbenzene	410	250	70.	
95-63-6	1,2,4-Trimethylbenzene	1500	250	70.	
123-91-1	1,4-Dioxane	ND	25000	6100	U
105-05-5	p-Diethylbenzene	120	200	70.	J
622-96-8	p-Ethyltoluene	1200	200	70.	
95-93-2	1,2,4,5-Tetramethylbenzene	ND	200	54.	U
60-29-7	Ethyl ether	ND	250	70.	U
110-57-6	trans-1,4-Dichloro-2-butene	ND	250	70.	U



Form 1 VOA

Client : AEI Consultants
 Project Name : VAZQUEZ
 Lab ID : L1728063-02D
 Client ID : MW-2
 Sample Location : 4778 BROADWAY, NYC, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260C
 Lab File ID : V22170816A08
 Sample Amount : 0.02 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L1728063
 Project Number : 344060
 Date Collected : 08/10/17 09:45
 Date Received : 08/11/17
 Date Analyzed : 08/16/17 11:29
 Dilution Factor : 500
 Analyst : PD
 Instrument ID : VOA122
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	1200	350	U
75-34-3	1,1-Dichloroethane	ND	1200	350	U
67-66-3	Chloroform	ND	1200	350	U
56-23-5	Carbon tetrachloride	ND	250	67.	U
78-87-5	1,2-Dichloropropane	ND	500	68.	U
124-48-1	Dibromochloromethane	ND	250	74.	U
79-00-5	1,1,2-Trichloroethane	ND	750	250	U
127-18-4	Tetrachloroethene	ND	250	90.	U
108-90-7	Chlorobenzene	ND	1200	350	U
75-69-4	Trichlorofluoromethane	ND	1200	350	U
107-06-2	1,2-Dichloroethane	ND	250	66.	U
71-55-6	1,1,1-Trichloroethane	ND	1200	350	U
75-27-4	Bromodichloromethane	ND	250	96.	U
10061-02-6	trans-1,3-Dichloropropene	ND	250	82.	U
10061-01-5	cis-1,3-Dichloropropene	ND	250	72.	U
542-75-6	1,3-Dichloropropene, Total	ND	250	72.	U
563-58-6	1,1-Dichloropropene	ND	1200	350	U
75-25-2	Bromoform	ND	1000	320	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	250	84.	U
71-43-2	Benzene	12000	250	80.	
108-88-3	Toluene	47000	1200	350	
100-41-4	Ethylbenzene	3700	1200	350	
74-87-3	Chloromethane	ND	1200	350	U
74-83-9	Bromomethane	ND	1200	350	U
75-01-4	Vinyl chloride	ND	500	36.	U
75-00-3	Chloroethane	ND	1200	350	U
75-35-4	1,1-Dichloroethene	ND	250	84.	U



Form 1 VOA

Client : AEI Consultants
 Project Name : VAZQUEZ
 Lab ID : L1728063-02D
 Client ID : MW-2
 Sample Location : 4778 BROADWAY, NYC, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260C
 Lab File ID : V22170816A08
 Sample Amount : 0.02 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L1728063
 Project Number : 344060
 Date Collected : 08/10/17 09:45
 Date Received : 08/11/17
 Date Analyzed : 08/16/17 11:29
 Dilution Factor : 500
 Analyst : PD
 Instrument ID : VOA122
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	1200	350	U
79-01-6	Trichloroethene	ND	250	88.	U
95-50-1	1,2-Dichlorobenzene	ND	1200	350	U
541-73-1	1,3-Dichlorobenzene	ND	1200	350	U
106-46-7	1,4-Dichlorobenzene	ND	1200	350	U
1634-04-4	Methyl tert butyl ether	ND	1200	350	U
179601-23-1	p/m-Xylene	12000	1200	350	
95-47-6	o-Xylene	5500	1200	350	
1330-20-7	Xylenes, Total	18000	1200	350	
156-59-2	cis-1,2-Dichloroethene	ND	1200	350	U
540-59-0	1,2-Dichloroethene, Total	ND	1200	350	U
74-95-3	Dibromomethane	ND	2500	500	U
96-18-4	1,2,3-Trichloropropane	ND	1200	350	U
107-13-1	Acrylonitrile	ND	2500	750	U
100-42-5	Styrene	ND	1200	350	U
75-71-8	Dichlorodifluoromethane	ND	2500	500	U
67-64-1	Acetone	ND	2500	730	U
75-15-0	Carbon disulfide	ND	2500	500	U
78-93-3	2-Butanone	ND	2500	970	U
108-05-4	Vinyl acetate	ND	2500	500	U
108-10-1	4-Methyl-2-pentanone	ND	2500	500	U
591-78-6	2-Hexanone	ND	2500	500	U
74-97-5	Bromochloromethane	ND	1200	350	U
594-20-7	2,2-Dichloropropane	ND	1200	350	U
106-93-4	1,2-Dibromoethane	ND	1000	320	U
142-28-9	1,3-Dichloropropane	ND	1200	350	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	1200	350	U



Form 1 VOA

Client : AEI Consultants
 Project Name : VAZQUEZ
 Lab ID : L1728063-02D
 Client ID : MW-2
 Sample Location : 4778 BROADWAY, NYC, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260C
 Lab File ID : V22170816A08
 Sample Amount : 0.02 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L1728063
 Project Number : 344060
 Date Collected : 08/10/17 09:45
 Date Received : 08/11/17
 Date Analyzed : 08/16/17 11:29
 Dilution Factor : 500
 Analyst : PD
 Instrument ID : VOA122
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
108-86-1	Bromobenzene	ND	1200	350	U
104-51-8	n-Butylbenzene	ND	1200	350	U
135-98-8	sec-Butylbenzene	ND	1200	350	U
98-06-6	tert-Butylbenzene	ND	1200	350	U
95-49-8	o-Chlorotoluene	ND	1200	350	U
106-43-4	p-Chlorotoluene	ND	1200	350	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	1200	350	U
87-68-3	Hexachlorobutadiene	ND	1200	350	U
98-82-8	Isopropylbenzene	ND	1200	350	U
99-87-6	p-Isopropyltoluene	ND	1200	350	U
91-20-3	Naphthalene	ND	1200	350	U
103-65-1	n-Propylbenzene	ND	1200	350	U
87-61-6	1,2,3-Trichlorobenzene	ND	1200	350	U
120-82-1	1,2,4-Trichlorobenzene	ND	1200	350	U
108-67-8	1,3,5-Trimethylbenzene	ND	1200	350	U
95-63-6	1,2,4-Trimethylbenzene	1100	1200	350	J
123-91-1	1,4-Dioxane	ND	120000	30000	U
105-05-5	p-Diethylbenzene	ND	1000	350	U
622-96-8	p-Ethyltoluene	940	1000	350	J
95-93-2	1,2,4,5-Tetramethylbenzene	ND	1000	270	U
60-29-7	Ethyl ether	ND	1200	350	U
110-57-6	trans-1,4-Dichloro-2-butene	ND	1200	350	U



Form 1 VOA

Client : AEI Consultants
 Project Name : VAZQUEZ
 Lab ID : L1728063-03
 Client ID : MW-3
 Sample Location : 4778 BROADWAY, NYC, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260C
 Lab File ID : V22170814A17
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L1728063
 Project Number : 344060
 Date Collected : 08/10/17 09:05
 Date Received : 08/11/17
 Date Analyzed : 08/14/17 19:46
 Dilution Factor : 1
 Analyst : PD
 Instrument ID : VOA122
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
563-58-6	1,1-Dichloropropene	ND	2.5	0.70	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	16	0.50	0.16	
108-88-3	Toluene	2.7	2.5	0.70	
100-41-4	Ethylbenzene	1.3	2.5	0.70	J
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U



Form 1 VOA

Client : AEI Consultants
 Project Name : VAZQUEZ
 Lab ID : L1728063-03
 Client ID : MW-3
 Sample Location : 4778 BROADWAY, NYC, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260C
 Lab File ID : V22170814A17
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L1728063
 Project Number : 344060
 Date Collected : 08/10/17 09:05
 Date Received : 08/11/17
 Date Analyzed : 08/14/17 19:46
 Dilution Factor : 1
 Analyst : PD
 Instrument ID : VOA122
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	2.9	2.5	0.70	
179601-23-1	p/m-Xylene	2.6	2.5	0.70	
95-47-6	o-Xylene	19	2.5	0.70	
1330-20-7	Xylenes, Total	22	2.5	0.70	
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
540-59-0	1,2-Dichloroethene, Total	ND	2.5	0.70	U
74-95-3	Dibromomethane	ND	5.0	1.0	U
96-18-4	1,2,3-Trichloropropane	ND	2.5	0.70	U
107-13-1	Acrylonitrile	ND	5.0	1.5	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	12	5.0	1.5	
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-05-4	Vinyl acetate	ND	5.0	1.0	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U
594-20-7	2,2-Dichloropropane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
142-28-9	1,3-Dichloropropane	ND	2.5	0.70	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.5	0.70	U



Form 1 VOA

Client : AEI Consultants
 Project Name : VAZQUEZ
 Lab ID : L1728063-03
 Client ID : MW-3
 Sample Location : 4778 BROADWAY, NYC, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260C
 Lab File ID : V22170814A17
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L1728063
 Project Number : 344060
 Date Collected : 08/10/17 09:05
 Date Received : 08/11/17
 Date Analyzed : 08/14/17 19:46
 Dilution Factor : 1
 Analyst : PD
 Instrument ID : VOA122
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
108-86-1	Bromobenzene	ND	2.5	0.70	U
104-51-8	n-Butylbenzene	ND	2.5	0.70	U
135-98-8	sec-Butylbenzene	1.3	2.5	0.70	J
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U
95-49-8	o-Chlorotoluene	ND	2.5	0.70	U
106-43-4	p-Chlorotoluene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
87-68-3	Hexachlorobutadiene	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	2.0	2.5	0.70	J
99-87-6	p-Isopropyltoluene	1.6	2.5	0.70	J
91-20-3	Naphthalene	ND	2.5	0.70	U
103-65-1	n-Propylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
108-67-8	1,3,5-Trimethylbenzene	3.7	2.5	0.70	
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.70	U
123-91-1	1,4-Dioxane	ND	250	61.	U
105-05-5	p-Diethylbenzene	7.9	2.0	0.70	
622-96-8	p-Ethyltoluene	6.4	2.0	0.70	
95-93-2	1,2,4,5-Tetramethylbenzene	10	2.0	0.54	
60-29-7	Ethyl ether	ND	2.5	0.70	U
110-57-6	trans-1,4-Dichloro-2-butene	ND	2.5	0.70	U



Form 1 VOA

Client : AEI Consultants
 Project Name : VAZQUEZ
 Lab ID : L1728063-04
 Client ID : TB
 Sample Location : 4778 BROADWAY, NYC, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260C
 Lab File ID : V22170814A18
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L1728063
 Project Number : 344060
 Date Collected : 08/09/17 00:00
 Date Received : 08/11/17
 Date Analyzed : 08/14/17 20:13
 Dilution Factor : 1
 Analyst : PD
 Instrument ID : VOA122
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
563-58-6	1,1-Dichloropropene	ND	2.5	0.70	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U



Form 1 VOA

Client : AEI Consultants
 Project Name : VAZQUEZ
 Lab ID : L1728063-04
 Client ID : TB
 Sample Location : 4778 BROADWAY, NYC, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260C
 Lab File ID : V22170814A18
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L1728063
 Project Number : 344060
 Date Collected : 08/09/17 00:00
 Date Received : 08/11/17
 Date Analyzed : 08/14/17 20:13
 Dilution Factor : 1
 Analyst : PD
 Instrument ID : VOA122
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.70	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
1330-20-7	Xylenes, Total	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
540-59-0	1,2-Dichloroethene, Total	ND	2.5	0.70	U
74-95-3	Dibromomethane	ND	5.0	1.0	U
96-18-4	1,2,3-Trichloropropane	ND	2.5	0.70	U
107-13-1	Acrylonitrile	ND	5.0	1.5	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-05-4	Vinyl acetate	ND	5.0	1.0	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U
594-20-7	2,2-Dichloropropane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
142-28-9	1,3-Dichloropropane	ND	2.5	0.70	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.5	0.70	U



Form 1 VOA

Client : AEI Consultants
 Project Name : VAZQUEZ
 Lab ID : L1728063-04
 Client ID : TB
 Sample Location : 4778 BROADWAY, NYC, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260C
 Lab File ID : V22170814A18
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L1728063
 Project Number : 344060
 Date Collected : 08/09/17 00:00
 Date Received : 08/11/17
 Date Analyzed : 08/14/17 20:13
 Dilution Factor : 1
 Analyst : PD
 Instrument ID : VOA122
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
108-86-1	Bromobenzene	ND	2.5	0.70	U
104-51-8	n-Butylbenzene	ND	2.5	0.70	U
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U
95-49-8	o-Chlorotoluene	ND	2.5	0.70	U
106-43-4	p-Chlorotoluene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
87-68-3	Hexachlorobutadiene	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	U
91-20-3	Naphthalene	ND	2.5	0.70	U
103-65-1	n-Propylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.70	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.70	U
123-91-1	1,4-Dioxane	ND	250	61.	U
105-05-5	p-Diethylbenzene	ND	2.0	0.70	U
622-96-8	p-Ethyltoluene	ND	2.0	0.70	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.0	0.54	U
60-29-7	Ethyl ether	ND	2.5	0.70	U
110-57-6	trans-1,4-Dichloro-2-butene	ND	2.5	0.70	U



Form 1 VOA

Client : AEI Consultants
 Project Name : VAZQUEZ
 Lab ID : L1728063-05
 Client ID : FB
 Sample Location : 4778 BROADWAY, NYC, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260C
 Lab File ID : V22170814A19
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L1728063
 Project Number : 344060
 Date Collected : 08/10/17 07:00
 Date Received : 08/11/17
 Date Analyzed : 08/14/17 20:41
 Dilution Factor : 1
 Analyst : PD
 Instrument ID : VOA122
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
563-58-6	1,1-Dichloropropene	ND	2.5	0.70	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U



Form 1 VOA

Client : AEI Consultants
 Project Name : VAZQUEZ
 Lab ID : L1728063-05
 Client ID : FB
 Sample Location : 4778 BROADWAY, NYC, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260C
 Lab File ID : V22170814A19
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L1728063
 Project Number : 344060
 Date Collected : 08/10/17 07:00
 Date Received : 08/11/17
 Date Analyzed : 08/14/17 20:41
 Dilution Factor : 1
 Analyst : PD
 Instrument ID : VOA122
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.70	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
1330-20-7	Xylenes, Total	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
540-59-0	1,2-Dichloroethene, Total	ND	2.5	0.70	U
74-95-3	Dibromomethane	ND	5.0	1.0	U
96-18-4	1,2,3-Trichloropropane	ND	2.5	0.70	U
107-13-1	Acrylonitrile	ND	5.0	1.5	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-05-4	Vinyl acetate	ND	5.0	1.0	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U
594-20-7	2,2-Dichloropropane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
142-28-9	1,3-Dichloropropane	ND	2.5	0.70	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.5	0.70	U



Form 1 VOA

Client : AEI Consultants
 Project Name : VAZQUEZ
 Lab ID : L1728063-05
 Client ID : FB
 Sample Location : 4778 BROADWAY, NYC, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260C
 Lab File ID : V22170814A19
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L1728063
 Project Number : 344060
 Date Collected : 08/10/17 07:00
 Date Received : 08/11/17
 Date Analyzed : 08/14/17 20:41
 Dilution Factor : 1
 Analyst : PD
 Instrument ID : VOA122
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
108-86-1	Bromobenzene	ND	2.5	0.70	U
104-51-8	n-Butylbenzene	ND	2.5	0.70	U
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U
95-49-8	o-Chlorotoluene	ND	2.5	0.70	U
106-43-4	p-Chlorotoluene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
87-68-3	Hexachlorobutadiene	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	U
91-20-3	Naphthalene	ND	2.5	0.70	U
103-65-1	n-Propylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.70	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.70	U
123-91-1	1,4-Dioxane	ND	250	61.	U
105-05-5	p-Diethylbenzene	ND	2.0	0.70	U
622-96-8	p-Ethyltoluene	ND	2.0	0.70	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.0	0.54	U
60-29-7	Ethyl ether	ND	2.5	0.70	U
110-57-6	trans-1,4-Dichloro-2-butene	ND	2.5	0.70	U



Form 1 VOA

Client : AEI Consultants
 Project Name : VAZQUEZ
 Lab ID : WG1031945-5
 Client ID : WG1031945-5BLANK
 Sample Location :
 Sample Matrix : WATER
 Analytical Method : 1,8260C
 Lab File ID : V22170814A05
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L1728063
 Project Number : 344060
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 08/14/17 14:14
 Dilution Factor : 1
 Analyst : PD
 Instrument ID : VOA122
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
563-58-6	1,1-Dichloropropene	ND	2.5	0.70	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U



Form 1 VOA

Client : AEI Consultants
 Project Name : VAZQUEZ
 Lab ID : WG1031945-5
 Client ID : WG1031945-5BLANK
 Sample Location :
 Sample Matrix : WATER
 Analytical Method : 1,8260C
 Lab File ID : V22170814A05
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L1728063
 Project Number : 344060
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 08/14/17 14:14
 Dilution Factor : 1
 Analyst : PD
 Instrument ID : VOA122
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.70	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
1330-20-7	Xylenes, Total	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
540-59-0	1,2-Dichloroethene, Total	ND	2.5	0.70	U
74-95-3	Dibromomethane	ND	5.0	1.0	U
96-18-4	1,2,3-Trichloropropane	ND	2.5	0.70	U
107-13-1	Acrylonitrile	ND	5.0	1.5	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-05-4	Vinyl acetate	ND	5.0	1.0	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U
594-20-7	2,2-Dichloropropane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
142-28-9	1,3-Dichloropropane	ND	2.5	0.70	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.5	0.70	U



Form 1 VOA

Client : AEI Consultants
 Project Name : VAZQUEZ
 Lab ID : WG1031945-5
 Client ID : WG1031945-5BLANK
 Sample Location :
 Sample Matrix : WATER
 Analytical Method : 1,8260C
 Lab File ID : V22170814A05
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L1728063
 Project Number : 344060
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 08/14/17 14:14
 Dilution Factor : 1
 Analyst : PD
 Instrument ID : VOA122
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
108-86-1	Bromobenzene	ND	2.5	0.70	U
104-51-8	n-Butylbenzene	ND	2.5	0.70	U
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U
95-49-8	o-Chlorotoluene	ND	2.5	0.70	U
106-43-4	p-Chlorotoluene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
87-68-3	Hexachlorobutadiene	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	U
91-20-3	Naphthalene	ND	2.5	0.70	U
103-65-1	n-Propylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.70	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.70	U
123-91-1	1,4-Dioxane	ND	250	61.	U
105-05-5	p-Diethylbenzene	ND	2.0	0.70	U
622-96-8	p-Ethyltoluene	ND	2.0	0.70	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.0	0.54	U
60-29-7	Ethyl ether	ND	2.5	0.70	U
110-57-6	trans-1,4-Dichloro-2-butene	ND	2.5	0.70	U



Form 1 VOA

Client : AEI Consultants
 Project Name : VAZQUEZ
 Lab ID : WG1032492-5
 Client ID : WG1032492-5BLANK
 Sample Location :
 Sample Matrix : WATER
 Analytical Method : 1,8260C
 Lab File ID : V22170816A05
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L1728063
 Project Number : 344060
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 08/16/17 10:06
 Dilution Factor : 1
 Analyst : PD
 Instrument ID : VOA122
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
563-58-6	1,1-Dichloropropene	ND	2.5	0.70	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U



Form 1 VOA

Client : AEI Consultants
 Project Name : VAZQUEZ
 Lab ID : WG1032492-5
 Client ID : WG1032492-5BLANK
 Sample Location :
 Sample Matrix : WATER
 Analytical Method : 1,8260C
 Lab File ID : V22170816A05
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L1728063
 Project Number : 344060
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 08/16/17 10:06
 Dilution Factor : 1
 Analyst : PD
 Instrument ID : VOA122
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.70	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
1330-20-7	Xylenes, Total	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
540-59-0	1,2-Dichloroethene, Total	ND	2.5	0.70	U
74-95-3	Dibromomethane	ND	5.0	1.0	U
96-18-4	1,2,3-Trichloropropane	ND	2.5	0.70	U
107-13-1	Acrylonitrile	ND	5.0	1.5	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-05-4	Vinyl acetate	ND	5.0	1.0	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U
594-20-7	2,2-Dichloropropane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
142-28-9	1,3-Dichloropropane	ND	2.5	0.70	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.5	0.70	U



Form 1 VOA

Client : AEI Consultants
 Project Name : VAZQUEZ
 Lab ID : WG1032492-5
 Client ID : WG1032492-5BLANK
 Sample Location :
 Sample Matrix : WATER
 Analytical Method : 1,8260C
 Lab File ID : V22170816A05
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L1728063
 Project Number : 344060
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 08/16/17 10:06
 Dilution Factor : 1
 Analyst : PD
 Instrument ID : VOA122
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
108-86-1	Bromobenzene	ND	2.5	0.70	U
104-51-8	n-Butylbenzene	ND	2.5	0.70	U
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U
95-49-8	o-Chlorotoluene	ND	2.5	0.70	U
106-43-4	p-Chlorotoluene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
87-68-3	Hexachlorobutadiene	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	U
91-20-3	Naphthalene	ND	2.5	0.70	U
103-65-1	n-Propylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.70	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.70	U
123-91-1	1,4-Dioxane	ND	250	61.	U
105-05-5	p-Diethylbenzene	ND	2.0	0.70	U
622-96-8	p-Ethyltoluene	ND	2.0	0.70	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.0	0.54	U
60-29-7	Ethyl ether	ND	2.5	0.70	U
110-57-6	trans-1,4-Dichloro-2-butene	ND	2.5	0.70	U



Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA122\2017\170813A\
 Data File : V22170814A16.D
 Acq On : 14 Aug 2017 07:18 pm
 Operator : VOA122:PD
 Sample : 11728063-01D,31,0.1,10,,a
 Misc : WG1031945,ICAL13890 (Sig #1); WG,ICAL13890 (Sig #2)
 ALS Vial : 16 Sample Multiplier: 1

Quant Time: Aug 15 07:26:29 2017
 Quant Method : I:\VOLATILES\VOA122\2017\170813A\V122_170804A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sat Aug 05 11:45:14 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA122\2017\170813A\V22170814A01.D
 Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	

Internal Standards							
1) Fluorobenzene	6.101	96	130869	10.000	ug/L	0.00	
Standard Area 1 = 134445			Recovery =	97.34%			
62) Chlorobenzene-d5	9.658	117	112605	10.000	ug/L	0.00	
Standard Area 1 = 113575			Recovery =	99.15%			
83) 1,4-Dichlorobenzene-d4	12.349	152	59362	10.000	ug/L	0.00	
Standard Area 1 = 59934			Recovery =	99.05%			
System Monitoring Compounds							
38) Dibromofluoromethane	5.270	113	32320	9.556	ug/L	0.00	
Spiked Amount 10.000	Range 70 - 130		Recovery =	95.56%			
46) 1,2-Dichloroethane-d4	5.813	65	30005	9.584	ug/L	0.00	
Spiked Amount 10.000	Range 70 - 130		Recovery =	95.84%			
63) Toluene-d8	7.807	98	134327	9.924	ug/L	0.00	
Spiked Amount 10.000	Range 70 - 130		Recovery =	99.24%			
87) 4-Bromofluorobenzene	11.144	95	52297	10.198	ug/L	0.00	
Spiked Amount 10.000	Range 70 - 130		Recovery =	101.98%			
Target Compounds						Qvalue	
2) Dichlorodifluoromethane	0.000		0		N.D.		
3) Chloromethane	0.000		0		N.D.	d	
4) Vinyl chloride	0.000		0		N.D.		
5) Bromomethane	0.000		0		N.D.		
6) Chloroethane	0.000		0		N.D.		
7) Trichlorofluoromethane	0.000		0		N.D.		
8) Ethyl ether	0.000		0		N.D.		
10) 1,1-Dichloroethene	0.000		0		N.D.		
11) Carbon disulfide	3.021	76	1791	0.219	ug/L	#	73
15) Methylene chloride	3.557	84	220		N.D.		
17) Acetone	0.000		0		N.D.	d	
18) trans-1,2-Dichloroethene	0.000		0		N.D.		
21) Methyl tert-butyl ether	0.000		0		N.D.		
25) 1,1-Dichloroethane	0.000		0		N.D.		
27) Acrylonitrile	0.000		0		N.D.	d	
29) Vinyl acetate	0.000		0		N.D.		
30) cis-1,2-Dichloroethene	0.000		0		N.D.		
31) 2,2-Dichloropropane	0.000		0		N.D.		
32) Bromochloromethane	0.000		0		N.D.		
34) Chloroform	0.000		0		N.D.	d	

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA122\2017\170813A\
 Data File : V22170814A16.D
 Acq On : 14 Aug 2017 07:18 pm
 Operator : VOA122:PD
 Sample : 11728063-01D,31,0.1,10,,a
 Misc : WG1031945,ICAL13890 (Sig #1); WG,ICAL13890 (Sig #2)
 ALS Vial : 16 Sample Multiplier: 1

Quant Time: Aug 15 07:26:29 2017
 Quant Method : I:\VOLATILES\VOA122\2017\170813A\V122_170804A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sat Aug 05 11:45:14 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA122\2017\170813A\V22170814A01.D
 Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) Carbon tetrachloride	0.000		0		N.D.	
39) 1,1,1-Trichloroethane	0.000		0		N.D.	
41) 2-Butanone	0.000		0		N.D. d	
42) 1,1-Dichloropropene	0.000		0		N.D.	
44) Benzene	5.673	78	439527	31.051	ug/L	97
47) 1,2-Dichloroethane	0.000		0		N.D.	
51) Trichloroethene	0.000		0		N.D.	
53) Dibromomethane	0.000		0		N.D.	
54) 1,2-Dichloropropane	0.000		0		N.D.	
57) Bromodichloromethane	0.000		0		N.D.	
60) 1,4-Dioxane	0.000		0		N.D.	
61) cis-1,3-Dichloropropene	0.000		0		N.D.	
64) Toluene	7.862	92	1151410	125.846	ug/L	98
65) 4-Methyl-2-pentanone	0.000		0		N.D.	
66) Tetrachloroethene	0.000		0		N.D.	
68) trans-1,3-Dichloropropene	0.000		0		N.D.	
71) 1,1,2-Trichloroethane	0.000		0		N.D. d	
72) Chlorodibromomethane	0.000		0		N.D.	
73) 1,3-Dichloropropane	0.000		0		N.D.	
74) 1,2-Dibromoethane	0.000		0		N.D.	
76) 2-Hexanone	0.000		0		N.D.	
77) Chlorobenzene	0.000		0		N.D.	
78) Ethylbenzene	9.723	91	598545	33.284	ug/L	100
79) 1,1,1,2-Tetrachloroethane	0.000		0		N.D.	
80) p/m Xylene	9.916	106	845299	117.355	ug/L	100
81) o Xylene	10.455	106	352363	53.313	ug/L	99
82) Styrene	10.508	104	907	0.085	ug/L #	35
84) Bromoform	0.000		0		N.D.	
86) Isopropylbenzene	10.831	105	15486	0.835	ug/L	98
88) Bromobenzene	0.000		0		N.D.	
89) n-Propylbenzene	11.305	91	41195	1.951	ug/L	98
91) 1,1,2,2-Tetrachloroethane	0.000		0		N.D.	
92) 4-Ethyltoluene	11.413	105	206712	12.153	ug/L	97
93) 2-Chlorotoluene	0.000		0		N.D. d	
94) 1,3,5-Trimethylbenzene	11.531	105	59069	4.066	ug/L	100
95) 1,2,3-Trichloropropane	0.000		0		N.D. d	
96) trans-1,4-Dichloro-2-b...	0.000		0		N.D. d	
97) 4-Chlorotoluene	0.000		0		N.D. d	
98) tert-Butylbenzene	0.000		0		N.D. d	

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA122\2017\170813A\
 Data File : V22170814A16.D
 Acq On : 14 Aug 2017 07:18 pm
 Operator : VOA122:PD
 Sample : 11728063-01D,31,0.1,10,,a
 Misc : WG1031945,ICAL13890 (Sig #1); WG,ICAL13890 (Sig #2)
 ALS Vial : 16 Sample Multiplier: 1

Quant Time: Aug 15 07:26:29 2017
 Quant Method : I:\VOLATILES\VOA122\2017\170813A\V122_170804A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sat Aug 05 11:45:14 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA122\2017\170813A\V22170814A01.D
 Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
101) 1,2,4-Trimethylbenzene	11.944	105	222383	15.290	ug/L	99
102) sec-Butylbenzene	12.062	105	1492M2	0.079	ug/L	
103) p-Isopropyltoluene	0.000		0	N.D.	d	
104) 1,3-Dichlorobenzene	0.000		0	N.D.		
105) 1,4-Dichlorobenzene	0.000		0	N.D.		
106) p-Diethylbenzene	12.615	119	11093	1.169	ug/L #	72
107) n-Butylbenzene	12.645	91	1348	0.094	ug/L #	82
108) 1,2-Dichlorobenzene	0.000		0	N.D.		
109) 1,2,4,5-Tetramethylben...	13.375	119	5803	0.414	ug/L	96
110) 1,2-Dibromo-3-chloropr...	0.000		0	N.D.		
112) Hexachlorobutadiene	0.000		0	N.D.		
113) 1,2,4-Trichlorobenzene	0.000		0	N.D.		
114) Naphthalene	14.496	128	40136	3.953	ug/L	100
115) 1,2,3-Trichlorobenzene	0.000		0	N.D.		

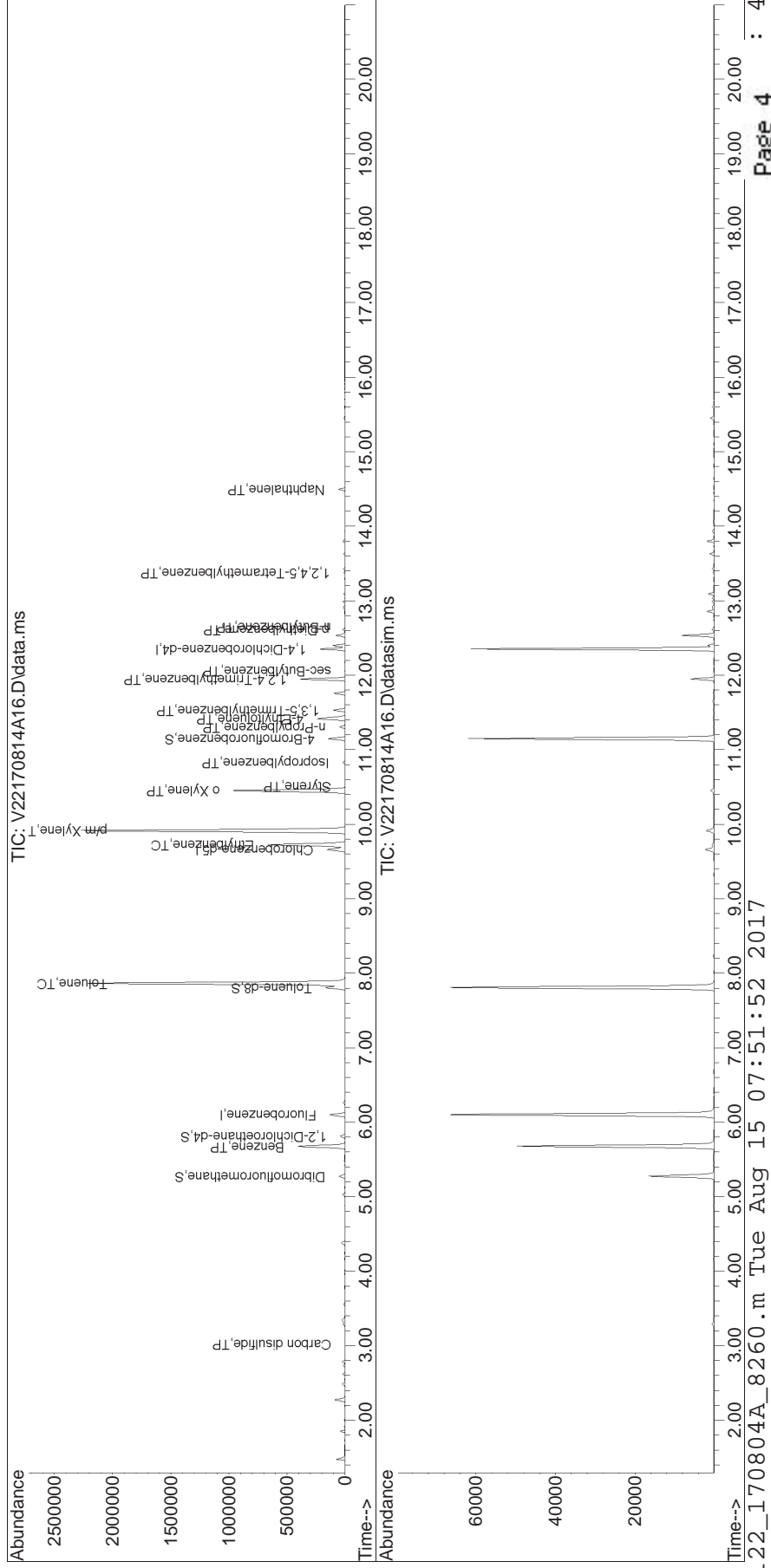
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

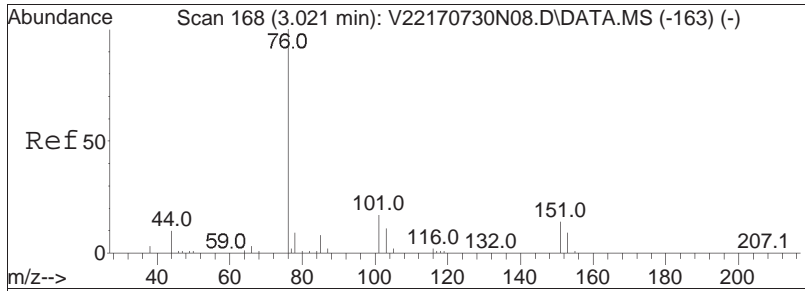
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA122\2017\170813A\
 Data File : V22170814A16.D
 Acq On : 14 Aug 2017 07:18 pm
 Operator : VOA122:PD
 Sample : 11728063-01D,31,0.1,10,,a
 Misc : WG1031945,ICAL13890 (Sig #1); WG,ICAL13890 (Sig #2)
 ALS Vial : 16 Sample Multiplier: 1

Quant Time: Aug 15 07:26:29 2017
 Quant Method : I:\VOLATILES\VOA122\2017\170813A\V122_170804A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sat Aug 05 11:45:14 2017
 Response via : Initial Calibration

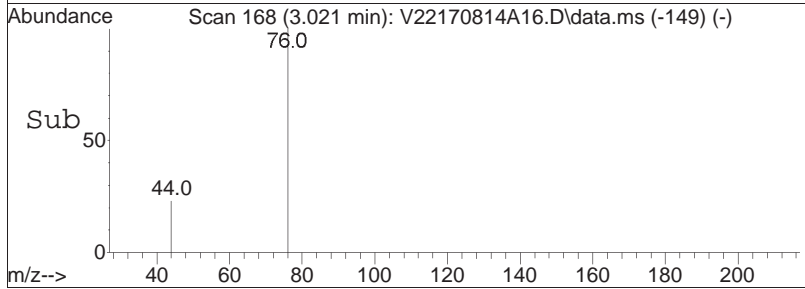
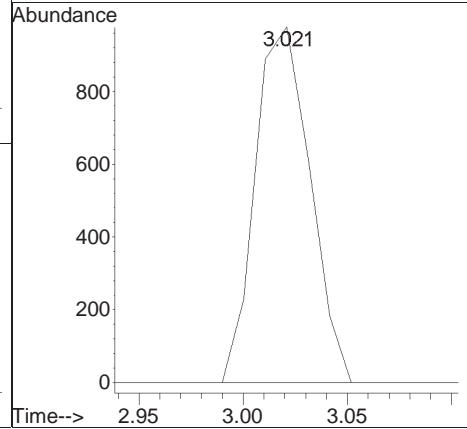
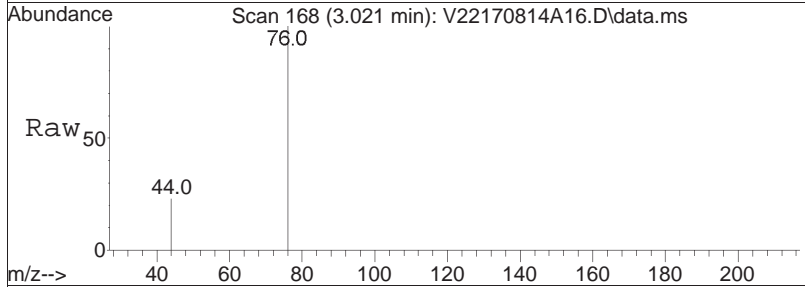
Sub List : 8260-NYTCL - Megamix plus Diox70813A\V22170814A01.D•

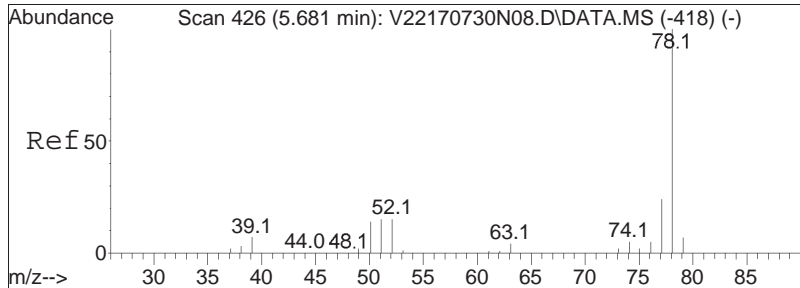




#11
 Carbon disulfide
 Concen: 0.22 ug/L
 RT: 3.021 min Scan# 168
 Delta R.T. -0.000 min
 Lab File: V22170814A16.D
 Acq: 14 Aug 2017 07:18 pm

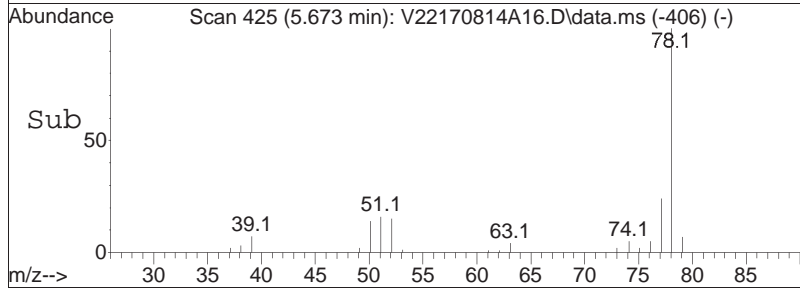
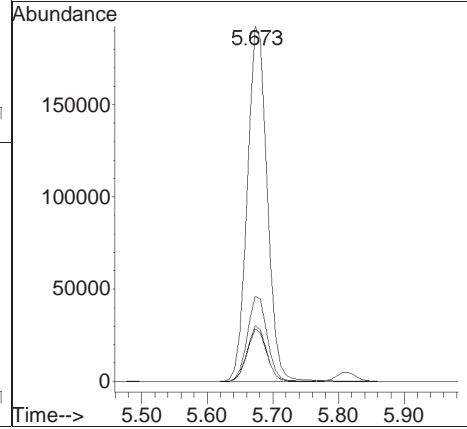
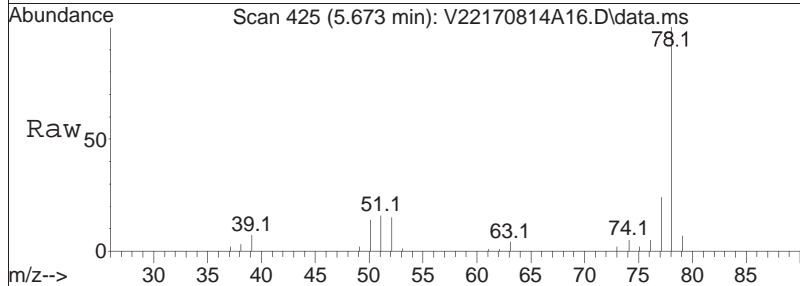
Tgt Ion: 76 Resp: 1791
 Ion Ratio Lower Upper
 76 100
 78 0.0 6.4 13.4#

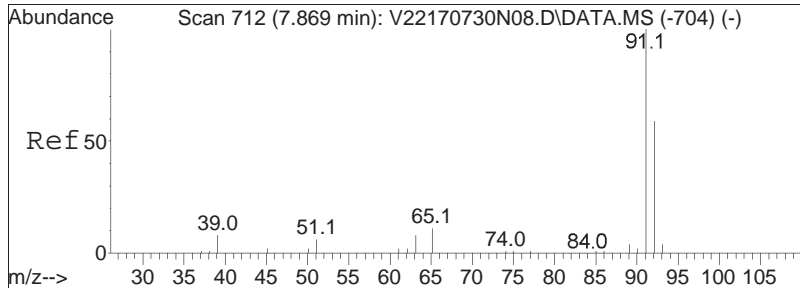




#44
Benzene
Concen: 31.05 ug/L
RT: 5.673 min Scan# 425
Delta R.T. -0.008 min
Lab File: V22170814A16.D
Acq: 14 Aug 2017 07:18 pm

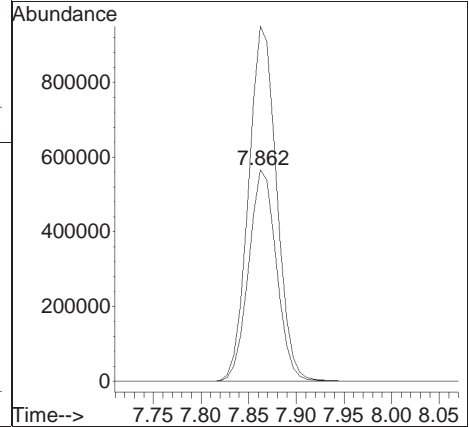
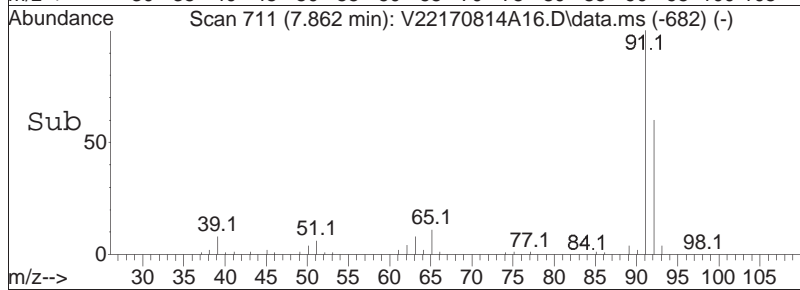
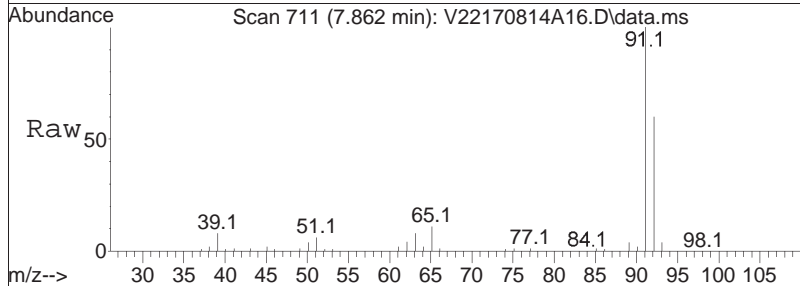
Tgt Ion	Resp	Lower	Upper
78	439527		
77	21.9	15.4	32.0
51	14.1	9.8	20.4
52	13.3	9.2	19.2

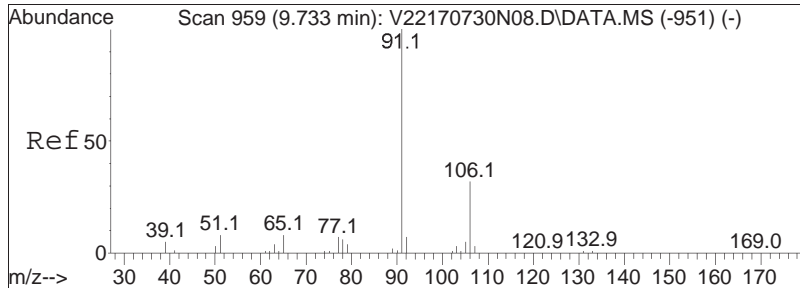




#64
 Toluene
 Concen: 125.85 ug/L
 RT: 7.862 min Scan# 711
 Delta R.T. 0.000 min
 Lab File: V22170814A16.D
 Acq: 14 Aug 2017 07:18 pm

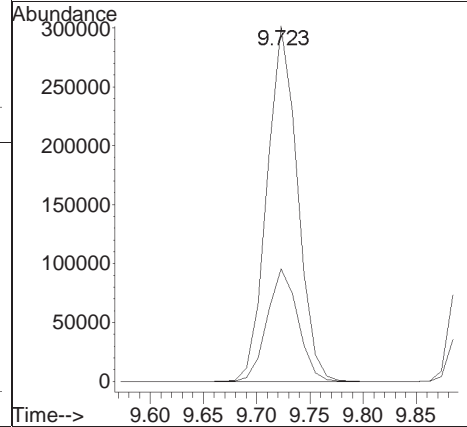
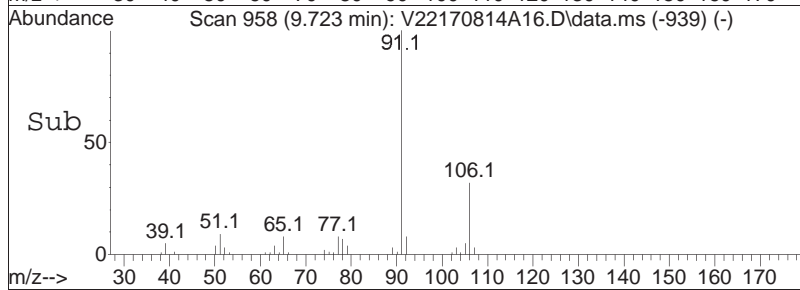
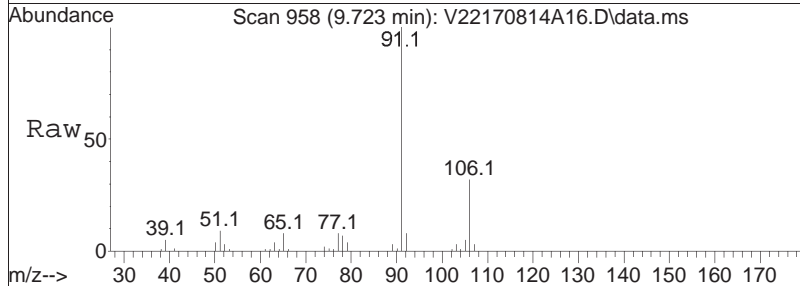
Tgt Ion: 92 Resp: 1151410
 Ion Ratio Lower Upper
 92 100
 91 169.2 137.0 205.6

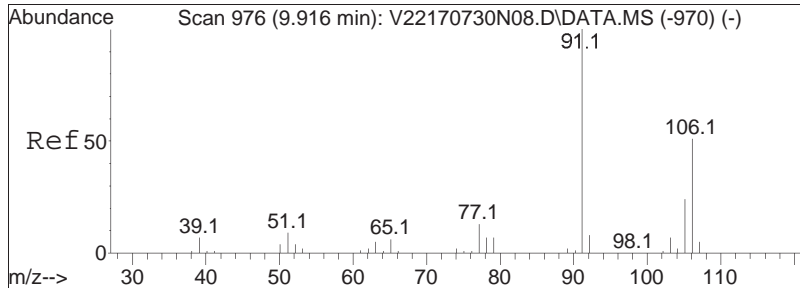




#78
 Ethylbenzene
 Concen: 33.28 ug/L
 RT: 9.723 min Scan# 958
 Delta R.T. -0.000 min
 Lab File: V22170814A16.D
 Acq: 14 Aug 2017 07:18 pm

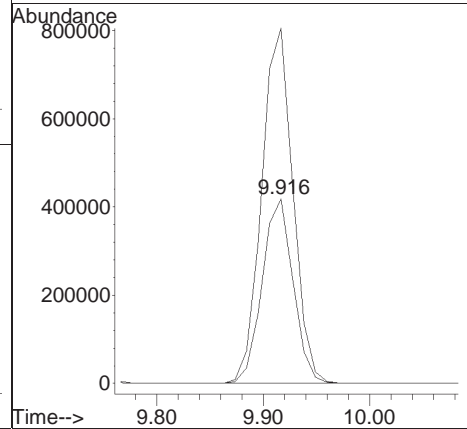
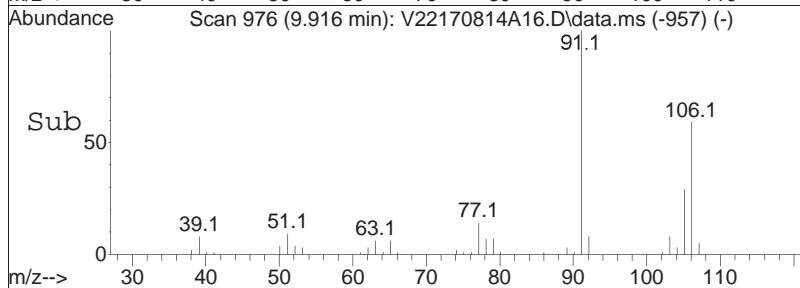
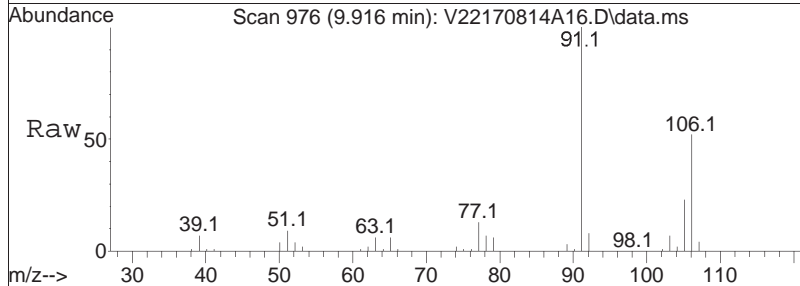
Tgt Ion:	91	106	Resp:	598545
Ion Ratio	100	32.0	Lower	Upper
			25.8	38.6

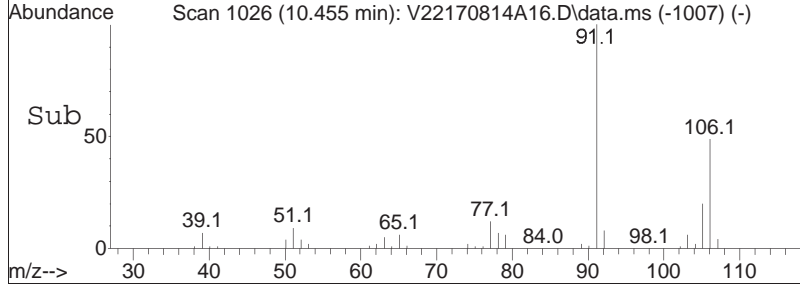
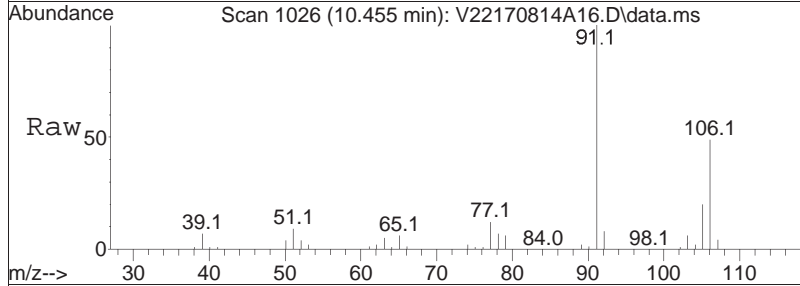
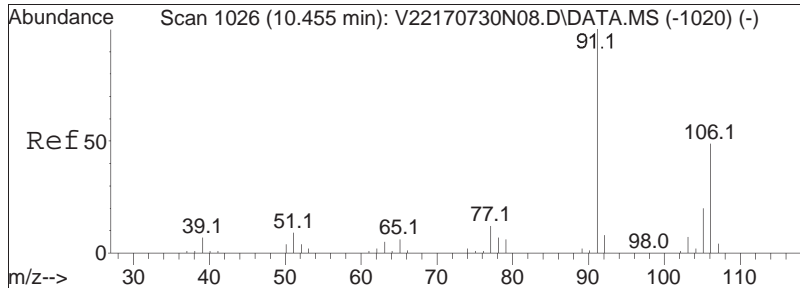




#80
 p/m Xylene
 Concen: 117.36 ug/L
 RT: 9.916 min Scan# 976
 Delta R.T. 0.000 min
 Lab File: V22170814A16.D
 Acq: 14 Aug 2017 07:18 pm

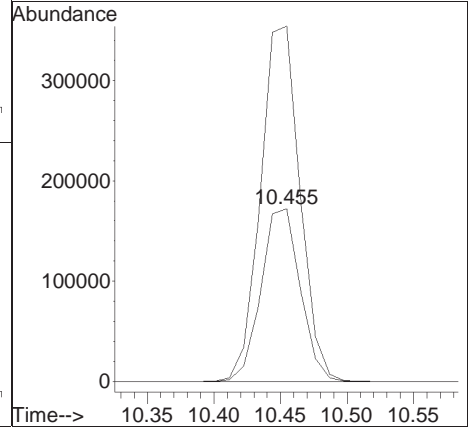
Tgt Ion	Resp	Lower	Upper
106	100		
91	194.4	156.0	234.0

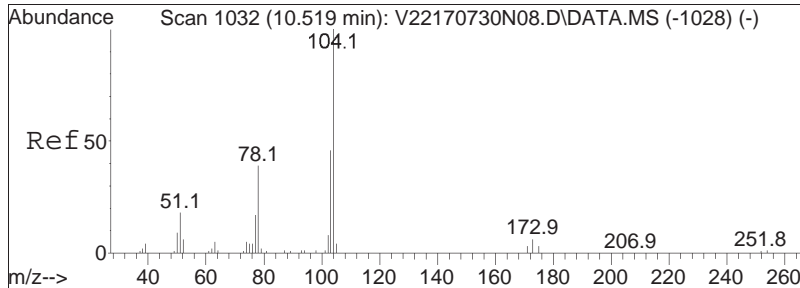




#81
 o Xylene
 Concen: 53.31 ug/L
 RT: 10.455 min Scan# 1026
 Delta R.T. -0.000 min
 Lab File: V22170814A16.D
 Acq: 14 Aug 2017 07:18 pm

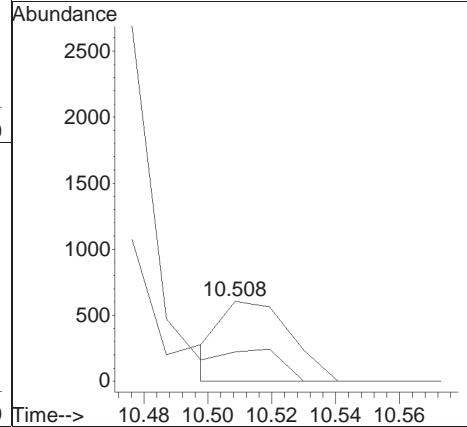
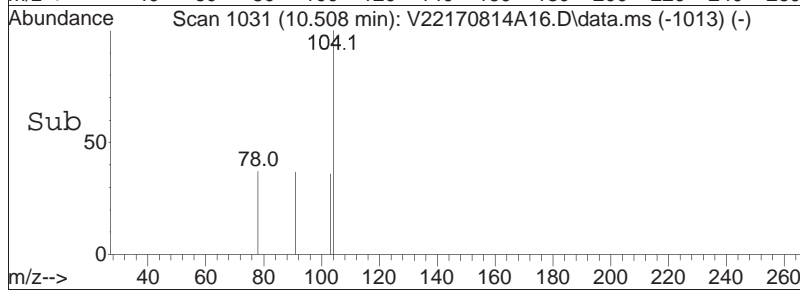
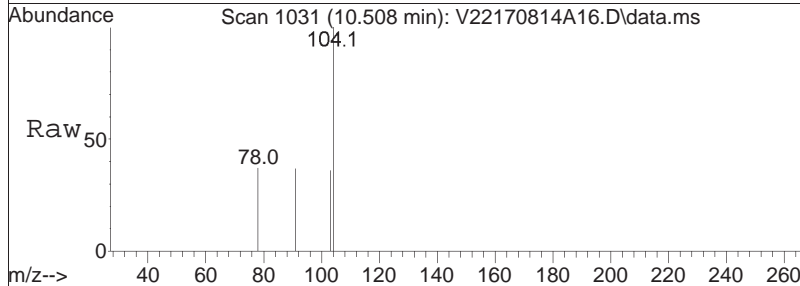
Tgt Ion	Resp	Lower	Upper
106	100		
91	206.7	164.0	246.0

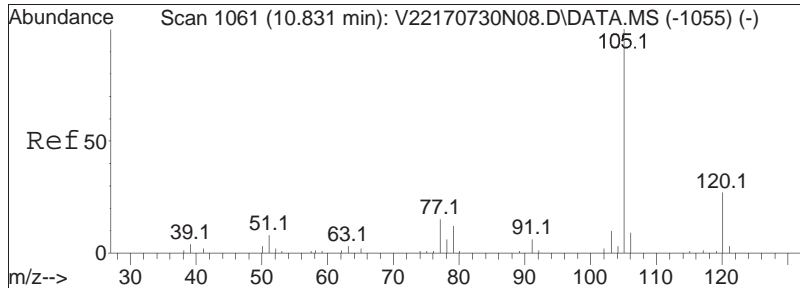




#82
 Styrene
 Concen: 0.09 ug/L
 RT: 10.508 min Scan# 1031
 Delta R.T. -0.011 min
 Lab File: V22170814A16.D
 Acq: 14 Aug 2017 07:18 pm

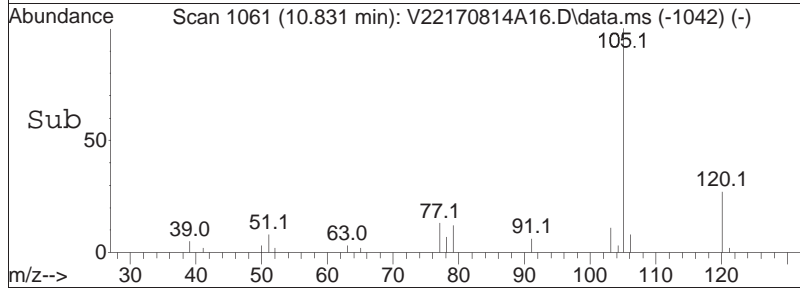
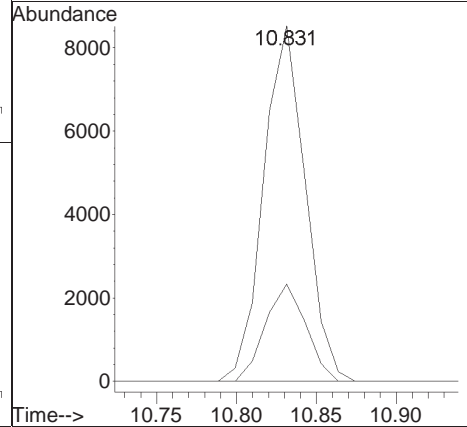
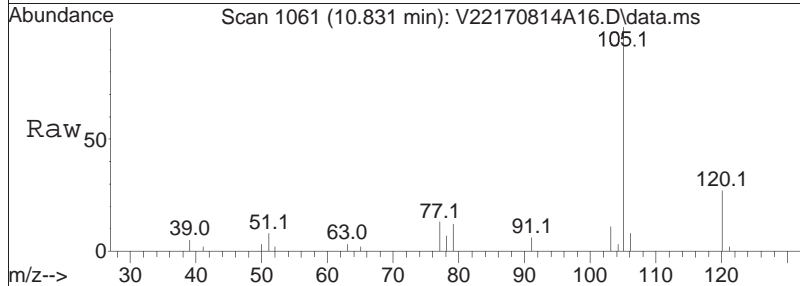
Tgt Ion	Ratio	Lower	Upper
104	100		
78	0.0	32.1	48.1#

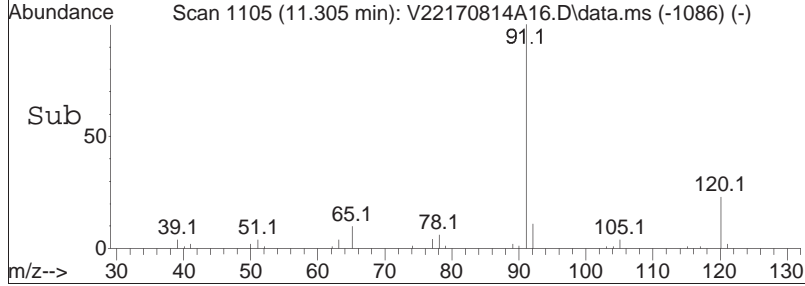
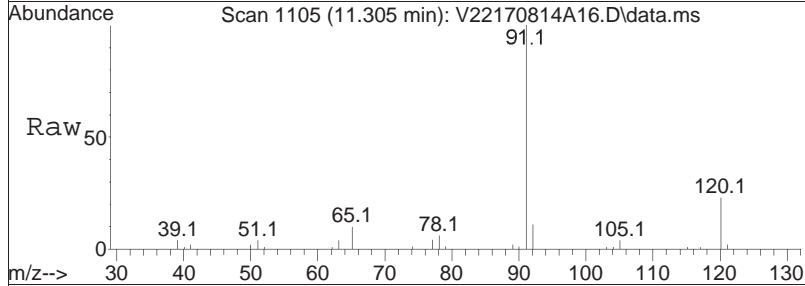
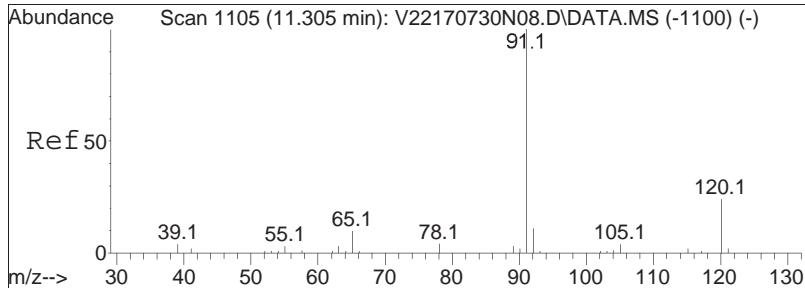




#86
 Isopropylbenzene
 Concen: 0.84 ug/L
 RT: 10.831 min Scan# 1061
 Delta R.T. 0.000 min
 Lab File: V22170814A16.D
 Acq: 14 Aug 2017 07:18 pm

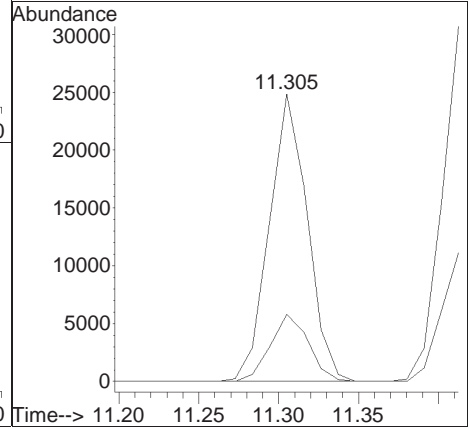
Tgt Ion: 105 Resp: 15486
 Ion Ratio Lower Upper
 105 100
 120 26.7 7.7 47.7

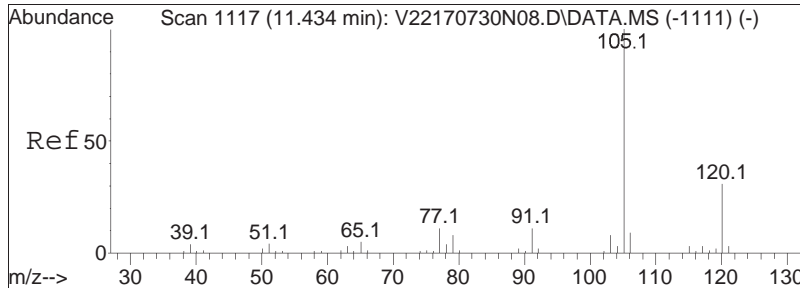




#89
 n-Propylbenzene
 Concen: 1.95 ug/L
 RT: 11.305 min Scan# 1105
 Delta R.T. -0.000 min
 Lab File: V22170814A16.D
 Acq: 14 Aug 2017 07:18 pm

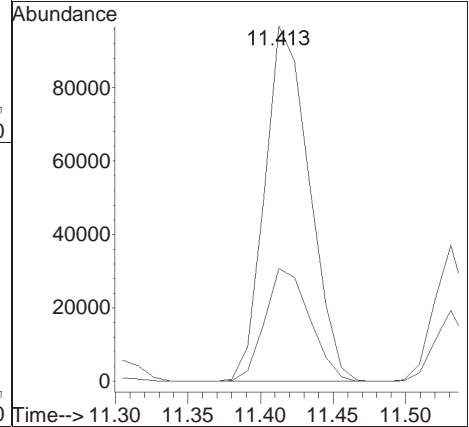
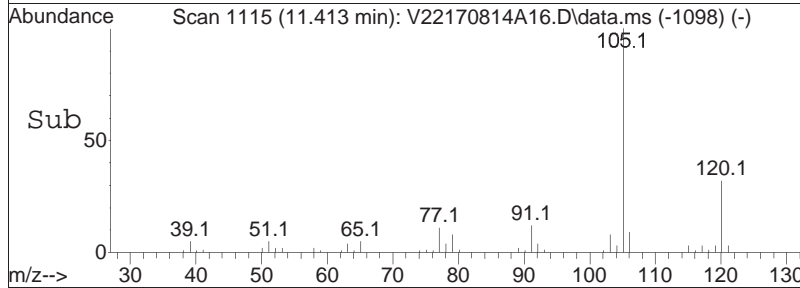
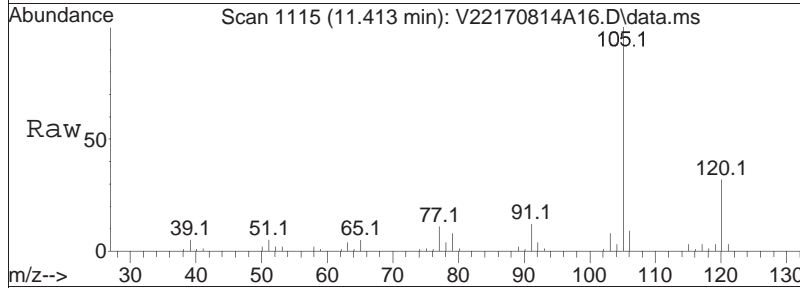
Tgt Ion	Resp	Lower	Upper
91	41195		
120	23.4	19.5	29.3

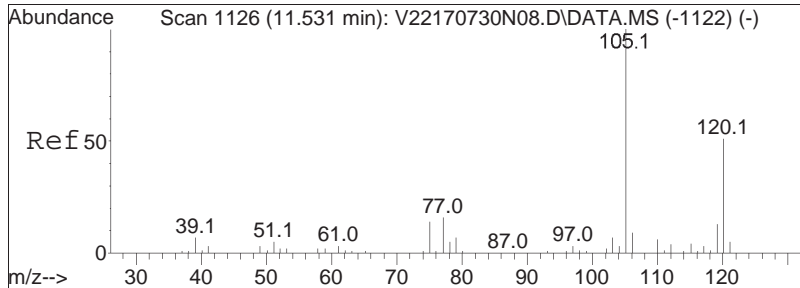




#92
 4-Ethyltoluene
 Concen: 12.15 ug/L
 RT: 11.413 min Scan# 1115
 Delta R.T. -0.021 min
 Lab File: V22170814A16.D
 Acq: 14 Aug 2017 07:18 pm

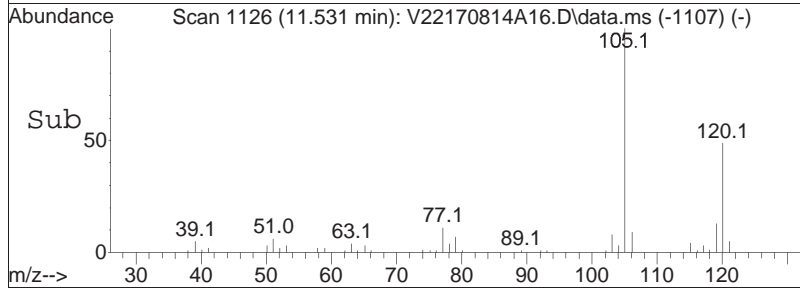
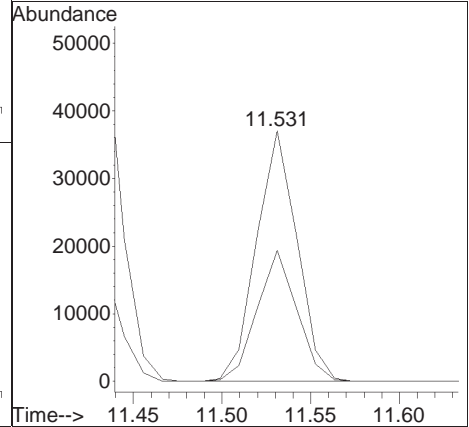
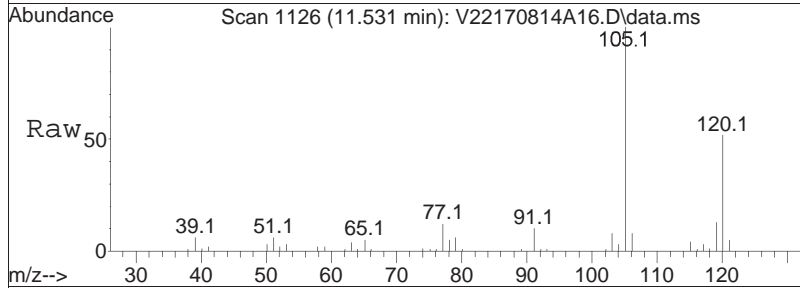
Tgt Ion	Resp	Lower	Upper
105	100		
120	32.0	19.8	41.0

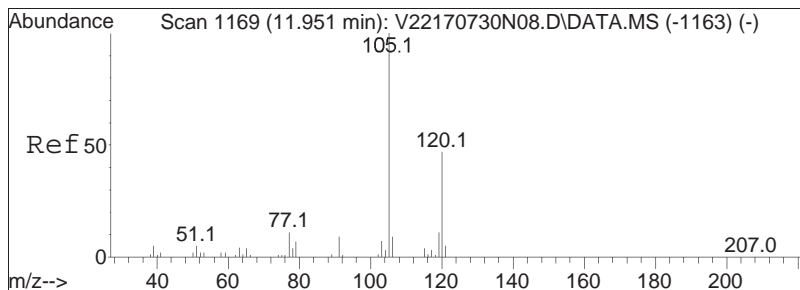




#94
 1,3,5-Trimethylbenzene
 Concen: 4.07 ug/L
 RT: 11.531 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: V22170814A16.D
 Acq: 14 Aug 2017 07:18 pm

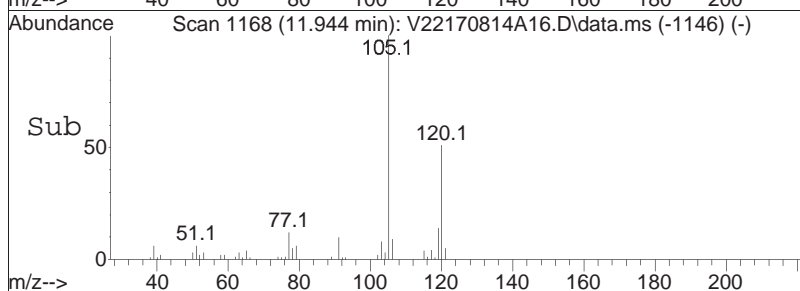
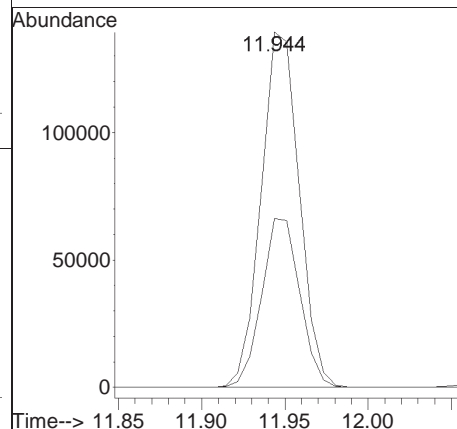
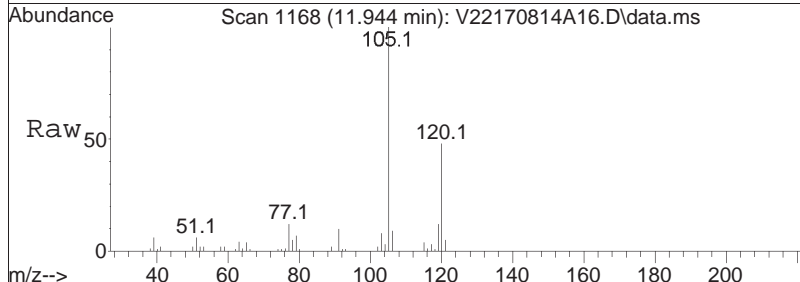
Tgt Ion:	105	Resp:	59069
Ion Ratio	Lower	Upper	
105	100		
120	51.3	40.9	61.3

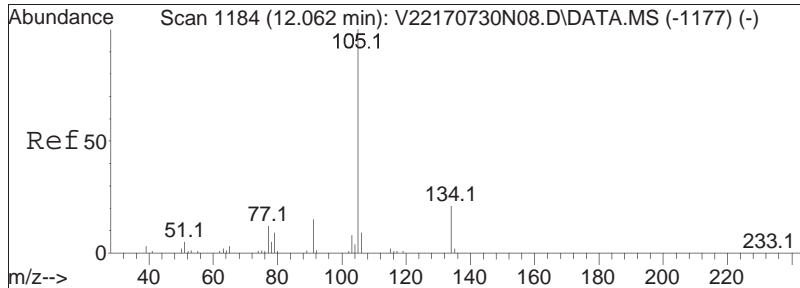




#101
 1,2,4-Trimethylbenzene
 Concen: 15.29 ug/L
 RT: 11.944 min Scan# 1168
 Delta R.T. -0.007 min
 Lab File: V22170814A16.D
 Acq: 14 Aug 2017 07:18 pm

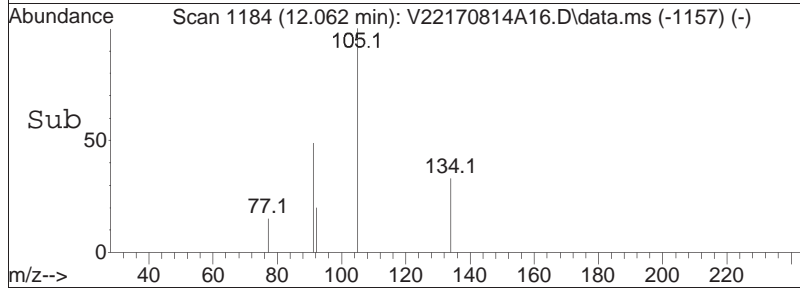
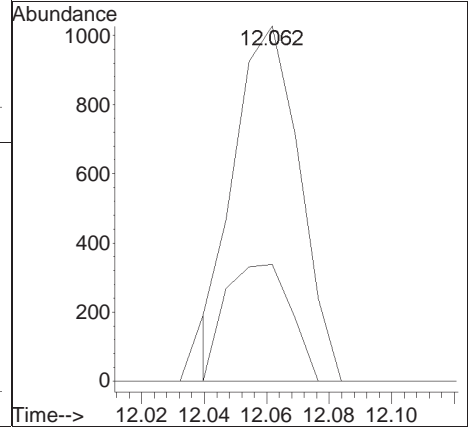
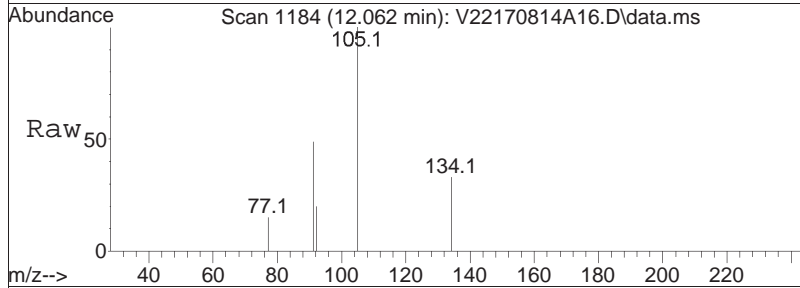
Tgt Ion	Resp	Lower	Upper
105	100		
120	47.7	38.5	57.7

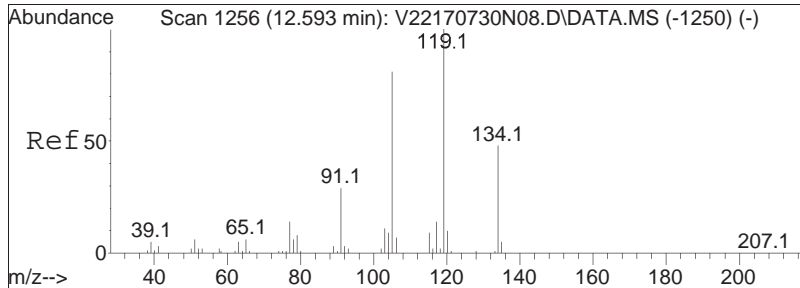




#102
 sec-Butylbenzene
 Concen: 0.08 ug/L M2
 RT: 12.062 min Scan# 1184
 Delta R.T. -0.000 min
 Lab File: V22170814A16.D
 Acq: 14 Aug 2017 07:18 pm

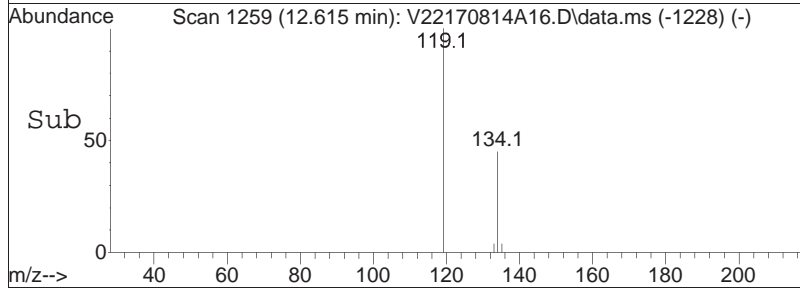
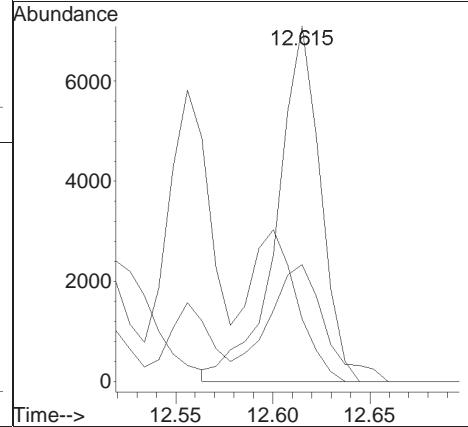
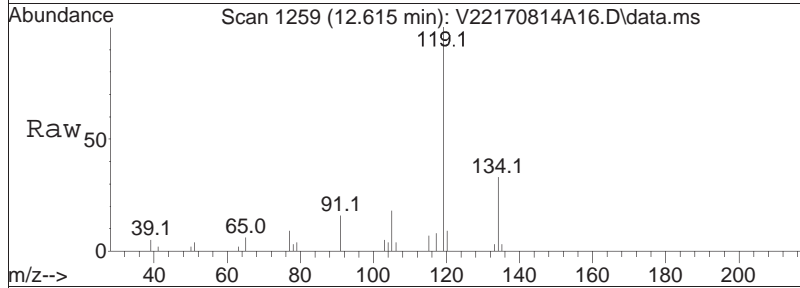
Tgt Ion	Ratio	Lower	Upper
105	100		
134	0.0	13.9	28.9#

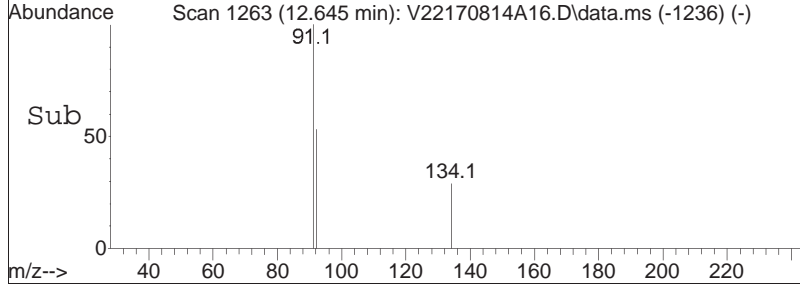
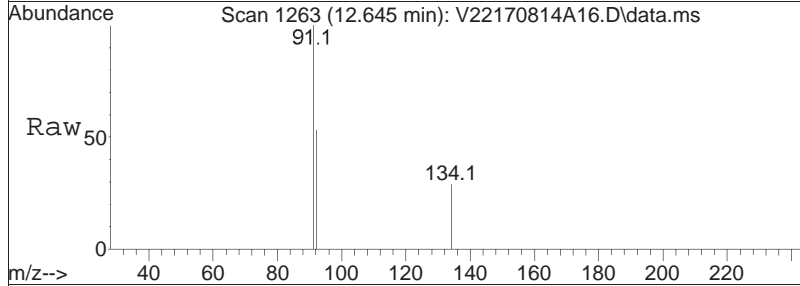
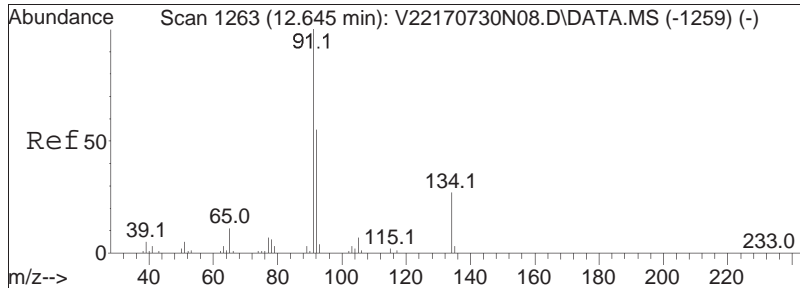




#106
 p-Diethylbenzene
 Concen: 1.17 ug/L
 RT: 12.615 min Scan# 1259
 Delta R.T. 0.029 min
 Lab File: V22170814A16.D
 Acq: 14 Aug 2017 07:18 pm

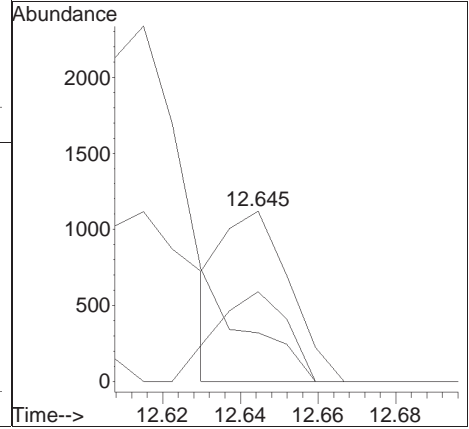
Tgt Ion	Resp	Lower	Upper
119	100		
105	46.3	53.4	110.8#
134	42.4	30.9	64.1

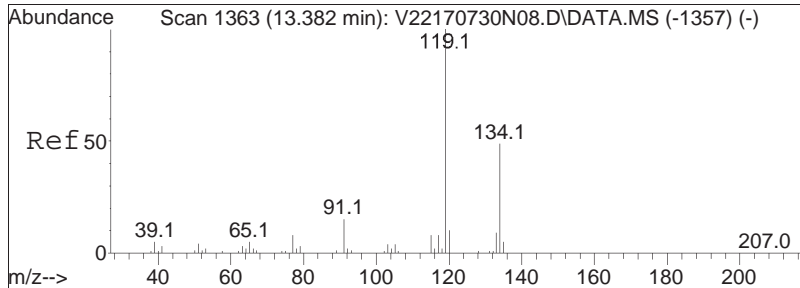




#107
 n-Butylbenzene
 Concen: 0.09 ug/L
 RT: 12.645 min Scan# 1263
 Delta R.T. -0.000 min
 Lab File: V22170814A16.D
 Acq: 14 Aug 2017 07:18 pm

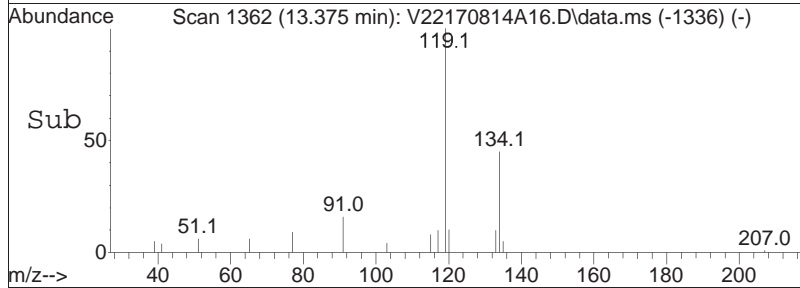
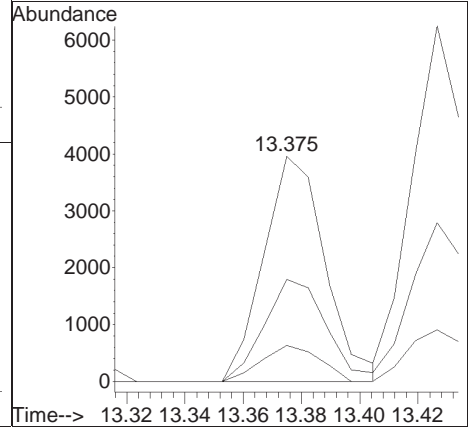
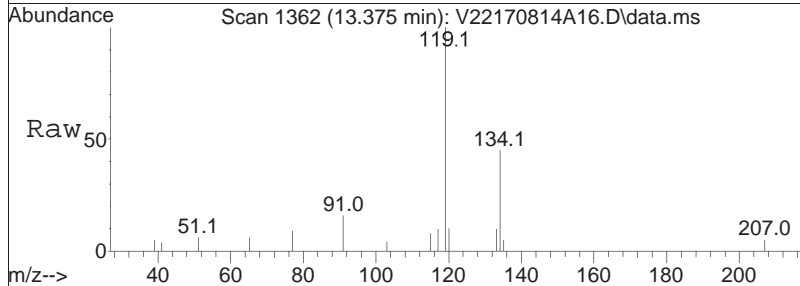
Tgt Ion	Resp	Lower	Upper
91	100		
92	55.9	44.6	66.8
134	0.0	22.9	34.3#

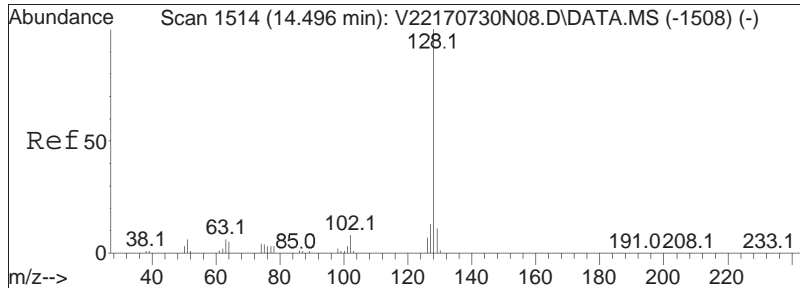




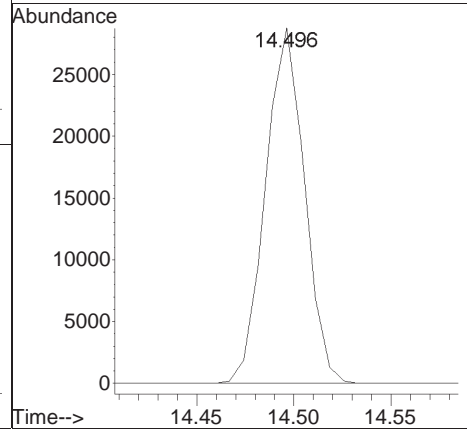
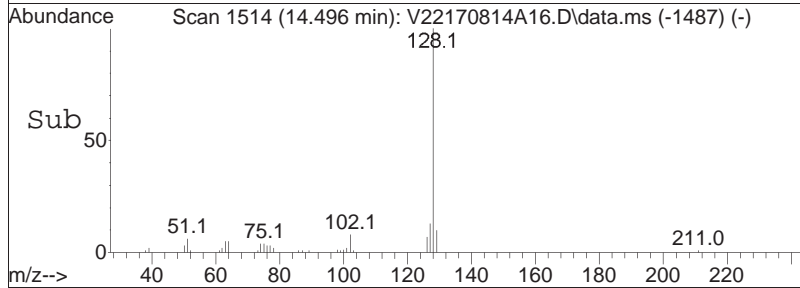
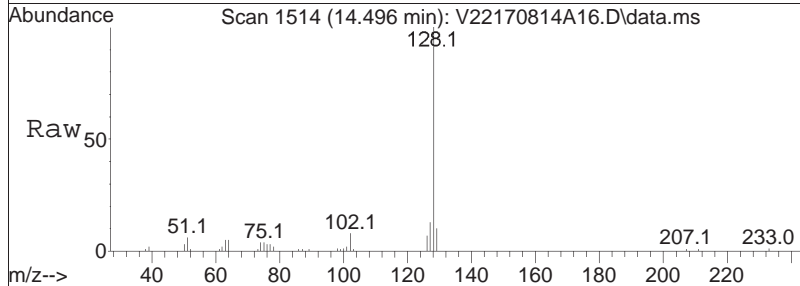
#109
 1,2,4,5-Tetramethylbenzene
 Concen: 0.41 ug/L
 RT: 13.375 min Scan# 1362
 Delta R.T. -0.007 min
 Lab File: V22170814A16.D
 Acq: 14 Aug 2017 07:18 pm

Tgt Ion	Resp	Lower	Upper
119	100		
134	45.8	31.9	66.1
91	15.2	9.8	20.3





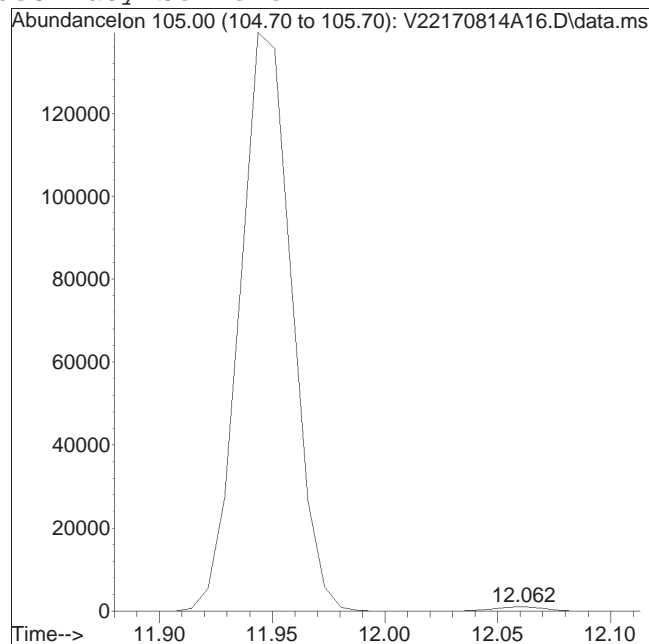
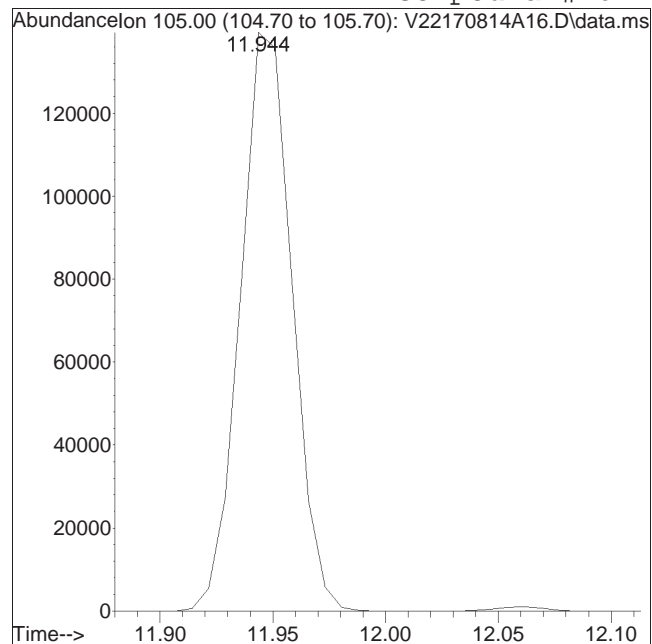
#114
 Naphthalene
 Concen: 3.95 ug/L
 RT: 14.496 min Scan# 1514
 Delta R.T. 0.000 min
 Lab File: V22170814A16.D
 Acq: 14 Aug 2017 07:18 pm
 Tgt Ion:128 Resp: 40136



Manual Integration Report

Data Path : I:\VOLATILES\VOA122\2017\1QMethod : V122_170804A_8260.m
Data File : V22170814A16.D Operator : VOA122:PD
Date Inj'd : 8/14/2017 7:18 pm Instrument : VOA122
Sample : 11728063-01D,31,0.1,10,,a Quant Date : 8/15/2017 7:22 am

Compound #102: sec-Butylbenzene



Original Peak Response = 222383

Manual Peak Response = 1492 M2

M2 = Peak not found by automatic integration algorithm.

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA122\2017\170813A\
 Data File : V22170814A17.D
 Acq On : 14 Aug 2017 07:46 pm
 Operator : VOA122:PD
 Sample : 11728063-03,31,10,10,,a
 Misc : WG1031945,ICAL13890 (Sig #1); WG,ICAL13890 (Sig #2)
 ALS Vial : 17 Sample Multiplier: 1

Quant Time: Aug 15 07:27:46 2017
 Quant Method : I:\VOLATILES\VOA122\2017\170813A\V122_170804A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sat Aug 05 11:45:14 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA122\2017\170813A\V22170814A01.D
 Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Fluorobenzene	6.101	96	135289	10.000	ug/L	0.00
Standard Area 1 = 134445			Recovery = 100.63%			
62) Chlorobenzene-d5	9.658	117	115703	10.000	ug/L	0.00
Standard Area 1 = 113575			Recovery = 101.87%			
83) 1,4-Dichlorobenzene-d4	12.350	152	61525	10.000	ug/L	0.00
Standard Area 1 = 59934			Recovery = 102.65%			
System Monitoring Compounds						
38) Dibromofluoromethane	5.270	113	33501	9.581	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 95.81%			
46) 1,2-Dichloroethane-d4	5.813	65	32174	9.942	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.42%			
63) Toluene-d8	7.807	98	141450	10.170	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 101.70%			
87) 4-Bromofluorobenzene	11.144	95	54969	10.342	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 103.42%			
Target Compounds						
2) Dichlorodifluoromethane	0.000		0		N.D.	
3) Chloromethane	0.000		0		N.D. d	
4) Vinyl chloride	0.000		0		N.D.	
5) Bromomethane	0.000		0		N.D.	
6) Chloroethane	0.000		0		N.D.	
7) Trichlorofluoromethane	0.000		0		N.D.	
8) Ethyl ether	0.000		0		N.D.	
10) 1,1-Dichloroethene	0.000		0		N.D.	
11) Carbon disulfide	3.021	76	914	0.108	ug/L #	73
15) Methylene chloride	0.000		0		N.D.	
17) Acetone	3.609	43	5004	11.835	ug/L	99
18) trans-1,2-Dichloroethene	0.000		0		N.D.	
21) Methyl tert-butyl ether	3.816	73	23547	2.901	ug/L #	4
25) 1,1-Dichloroethane	0.000		0		N.D. d	
27) Acrylonitrile	0.000		0		N.D. d	
29) Vinyl acetate	0.000		0		N.D. d	
30) cis-1,2-Dichloroethene	0.000		0		N.D. d	
31) 2,2-Dichloropropane	0.000		0		N.D. d	
32) Bromochloromethane	0.000		0		N.D.	
34) Chloroform	0.000		0		N.D. d	

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA122\2017\170813A\
 Data File : V22170814A17.D
 Acq On : 14 Aug 2017 07:46 pm
 Operator : VOA122:PD
 Sample : 11728063-03,31,10,10,,a
 Misc : WG1031945,ICAL13890 (Sig #1); WG,ICAL13890 (Sig #2)
 ALS Vial : 17 Sample Multiplier: 1

Quant Time: Aug 15 07:27:46 2017
 Quant Method : I:\VOLATILES\VOA122\2017\170813A\V122_170804A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sat Aug 05 11:45:14 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA122\2017\170813A\V22170814A01.D
 Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) Carbon tetrachloride	0.000		0		N.D.	
39) 1,1,1-Trichloroethane	0.000		0		N.D.	
41) 2-Butanone	0.000		0		N.D. d	
42) 1,1-Dichloropropene	0.000		0		N.D.	
44) Benzene	5.673	78	231990	15.854	ug/L	100
47) 1,2-Dichloroethane	5.876	62	147		N.D.	
51) Trichloroethene	0.000		0		N.D. d	
53) Dibromomethane	0.000		0		N.D. d	
54) 1,2-Dichloropropane	0.000		0		N.D. d	
57) Bromodichloromethane	0.000		0		N.D. d	
60) 1,4-Dioxane	0.000		0		N.D.	
61) cis-1,3-Dichloropropene	0.000		0		N.D.	
64) Toluene	7.862	92	25109	2.671	ug/L	97
65) 4-Methyl-2-pentanone	0.000		0		N.D. d	
66) Tetrachloroethene	0.000		0		N.D.	
68) trans-1,3-Dichloropropene	0.000		0		N.D.	
71) 1,1,2-Trichloroethane	0.000		0		N.D. d	
72) Chlorodibromomethane	0.000		0		N.D.	
73) 1,3-Dichloropropane	0.000		0		N.D.	
74) 1,2-Dibromoethane	0.000		0		N.D.	
76) 2-Hexanone	0.000		0		N.D. d	
77) Chlorobenzene	0.000		0		N.D.	
78) Ethylbenzene	9.723	91	24724	1.338	ug/L	99
79) 1,1,1,2-Tetrachloroethane	0.000		0		N.D.	
80) p/m Xylene	9.917	106	19647	2.655	ug/L	94
81) o Xylene	10.455	106	130387	19.200	ug/L	98
82) Styrene	0.000		0		N.D. d	
84) Bromoform	0.000		0		N.D.	
86) Isopropylbenzene	10.832	105	38777	2.018	ug/L	100
88) Bromobenzene	0.000		0		N.D.	
89) n-Propylbenzene	11.305	91	10215	0.467	ug/L	96
91) 1,1,2,2-Tetrachloroethane	11.434	83	100		N.D.	
92) 4-Ethyltoluene	11.434	105	112069	6.357	ug/L	99
93) 2-Chlorotoluene	0.000		0		N.D. d	
94) 1,3,5-Trimethylbenzene	11.531	105	55609	3.693	ug/L	99
95) 1,2,3-Trichloropropane	0.000		0		N.D. d	
96) trans-1,4-Dichloro-2-b...	0.000		0		N.D. d	
97) 4-Chlorotoluene	0.000		0		N.D. d	
98) tert-Butylbenzene	11.870	119	6658	0.482	ug/L	96

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA122\2017\170813A\
 Data File : V22170814A17.D
 Acq On : 14 Aug 2017 07:46 pm
 Operator : VOA122:PD
 Sample : 11728063-03,31,10,10,,a
 Misc : WG1031945,ICAL13890 (Sig #1); WG,ICAL13890 (Sig #2)
 ALS Vial : 17 Sample Multiplier: 1

Quant Time: Aug 15 07:27:46 2017
 Quant Method : I:\VOLATILES\VOA122\2017\170813A\V122_170804A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sat Aug 05 11:45:14 2017
 Response via : Initial Calibration

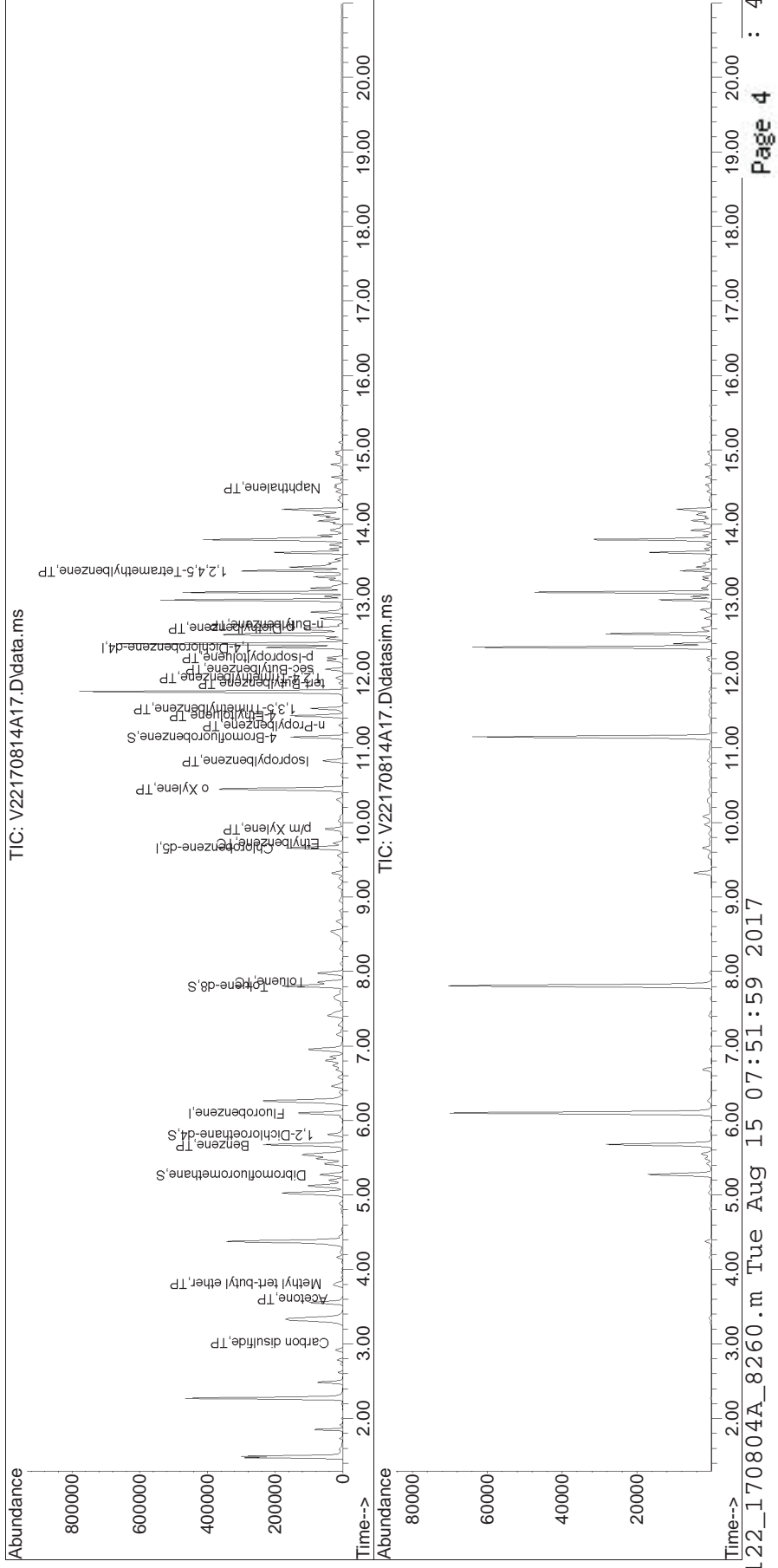
CCAL FILE(s) : 1 - I:\VOLATILES\VOA122\2017\170813A\V22170814A01.D
 Sub List : 8260-NYTCL - Megamix plus Diox

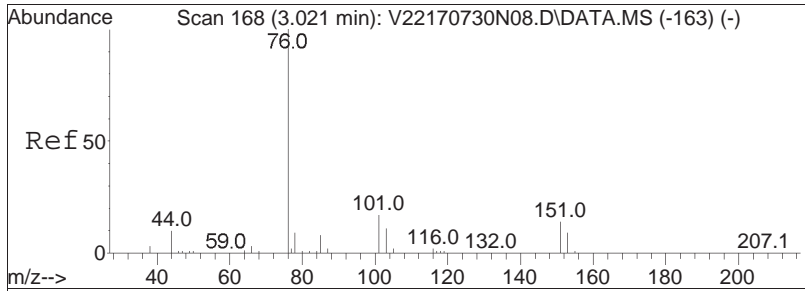
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
101) 1,2,4-Trimethylbenzene	11.944	105	10380	0.689	ug/L	95
102) sec-Butylbenzene	12.062	105	25199	1.290	ug/L #	75
103) p-Isopropyltoluene	12.217	119	27417	1.617	ug/L	99
104) 1,3-Dichlorobenzene	0.000		0		N.D.	
105) 1,4-Dichlorobenzene	0.000		0		N.D.	
106) p-Diethylbenzene	12.615	119	78072	7.937	ug/L	89
107) n-Butylbenzene	12.652	91	2475M2	0.167	ug/L	
108) 1,2-Dichlorobenzene	12.792	146	283		N.D.	
109) 1,2,4,5-Tetramethylben...	13.375	119	151555	10.429	ug/L	99
110) 1,2-Dibromo-3-chloropr...	0.000		0		N.D.	
112) Hexachlorobutadiene	0.000		0		N.D.	
113) 1,2,4-Trichlorobenzene	0.000		0		N.D.	
114) Naphthalene	14.496	128	5091	0.484	ug/L	100
115) 1,2,3-Trichlorobenzene	0.000		0		N.D.	

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

Quantitation Report (QT Reviewed)

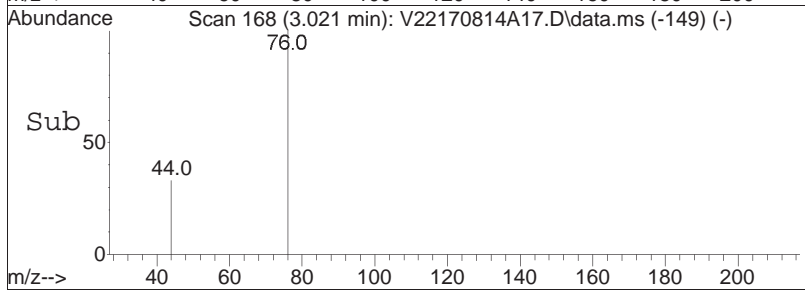
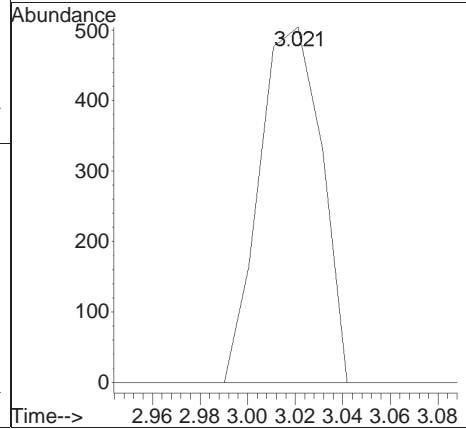
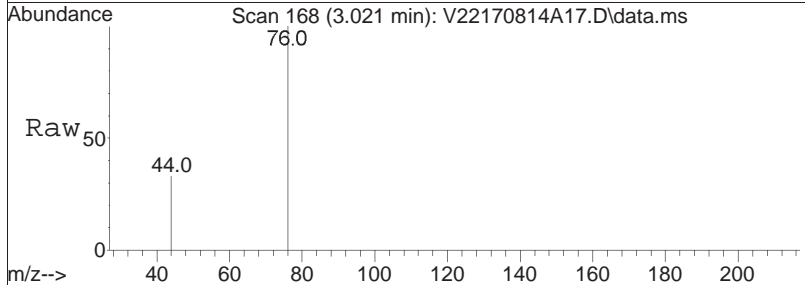
Data Path : I:\VOLATILES\VOA122\2017\170813A\
Data File : V22170814A17.D
Acq On : 14 Aug 2017 07:46 pm
Operator : VOA122:PD
Sample : 11728063-03,31,10,10,,a
Misc : WG1031945,ICAL13890 (Sig #1); WG,ICAL13890 (Sig #2)
ALS Vial : 17 Sample Multiplier: 1
Quant Time: Aug 15 07:27:46 2017
Quant Method : I:\VOLATILES\VOA122\2017\170813A\V122_170804A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sat Aug 05 11:45:14 2017
Response via : Initial Calibration
Sub List : 8260-NYTCL - Megamix plus Diox70813A\V22170814A01.D•

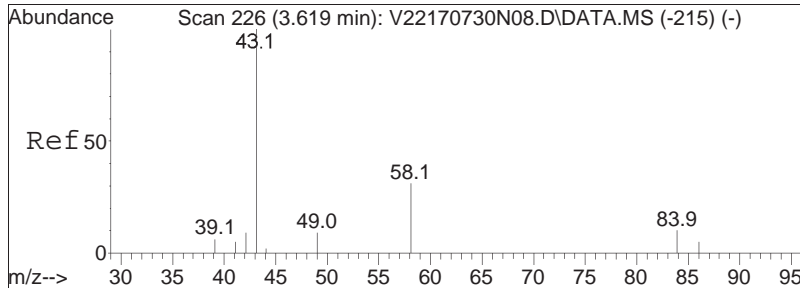




#11
 Carbon disulfide
 Concen: 0.11 ug/L
 RT: 3.021 min Scan# 168
 Delta R.T. 0.000 min
 Lab File: V22170814A17.D
 Acq: 14 Aug 2017 07:46 pm

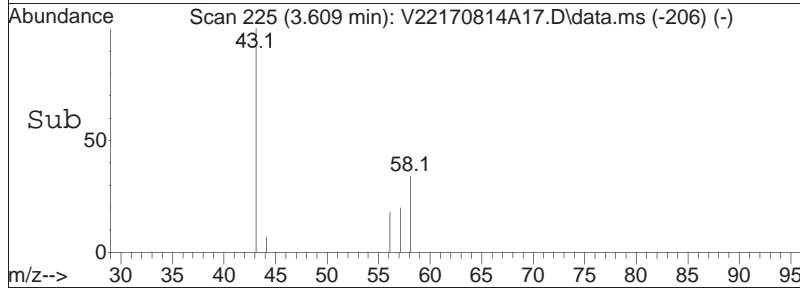
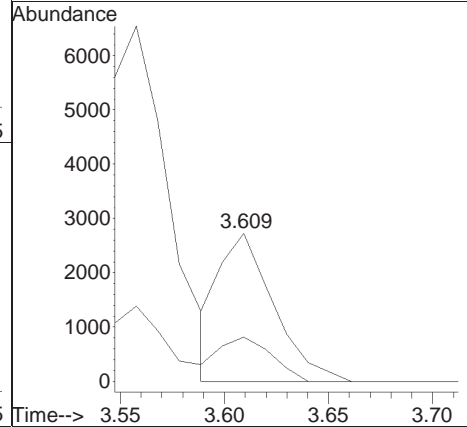
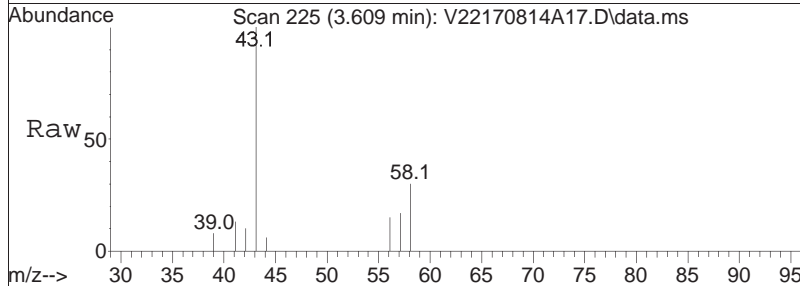
Tgt Ion: 76 Resp: 914
 Ion Ratio Lower Upper
 76 100
 78 0.0 6.4 13.4#

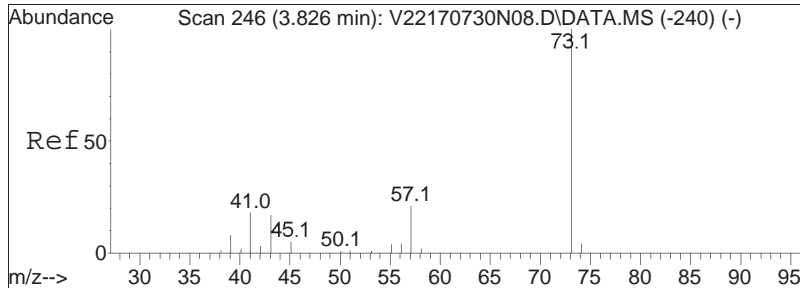




#17
 Acetone
 Concen: 11.83 ug/L
 RT: 3.609 min Scan# 225
 Delta R.T. 0.000 min
 Lab File: V22170814A17.D
 Acq: 14 Aug 2017 07:46 pm

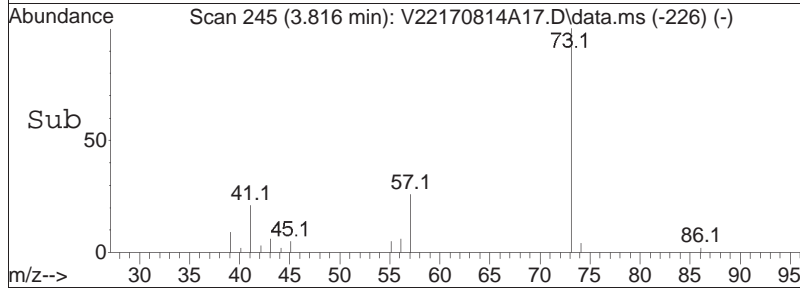
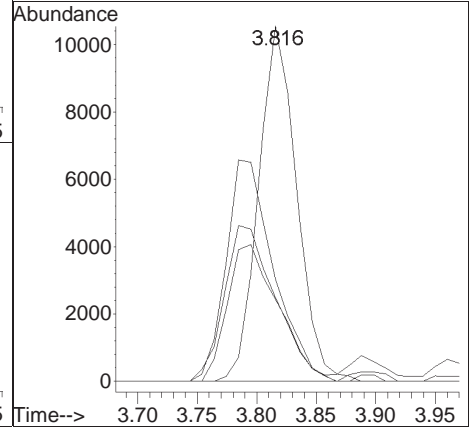
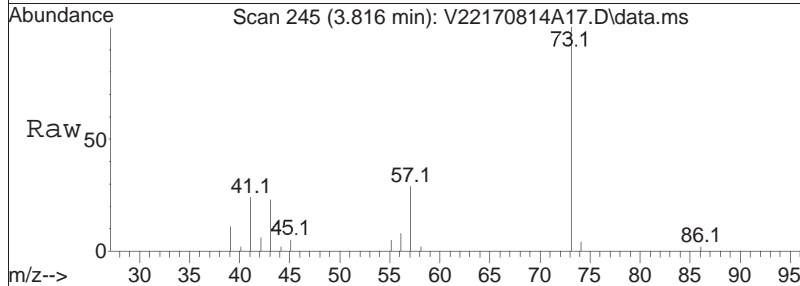
Tgt Ion	Resp	Lower	Upper
43	100		
58	28.6	23.1	34.7

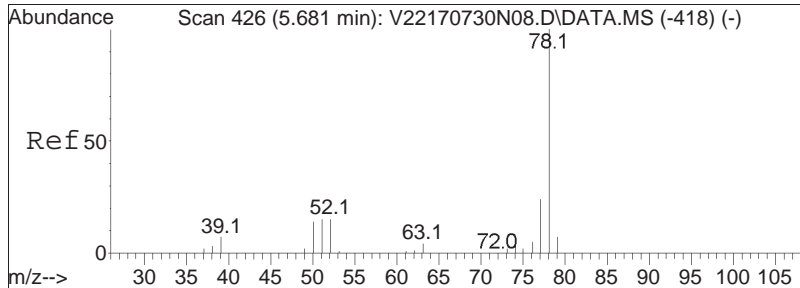




#21
 Methyl tert-butyl ether
 Concen: 2.90 ug/L
 RT: 3.816 min Scan# 245
 Delta R.T. 0.001 min
 Lab File: V22170814A17.D
 Acq: 14 Aug 2017 07:46 pm

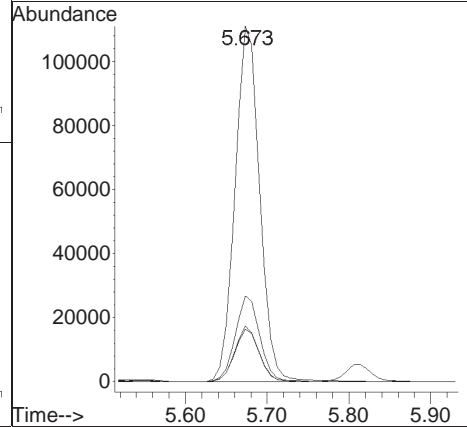
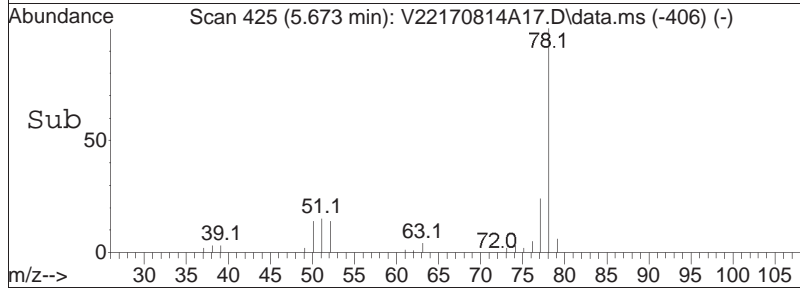
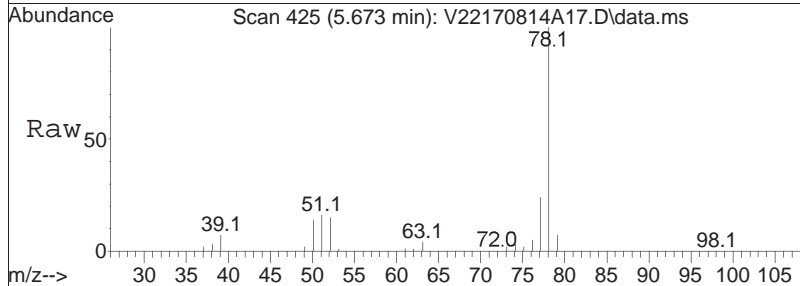
Tgt Ion	Resp	Lower	Upper
73	100		
57	77.7	13.6	28.2#
43	51.4	12.7	26.5#
41	58.9	11.4	23.8#

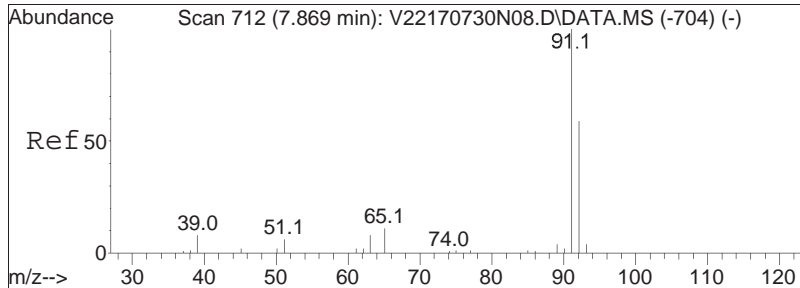




#44
 Benzene
 Concen: 15.85 ug/L
 RT: 5.673 min Scan# 425
 Delta R.T. -0.008 min
 Lab File: V22170814A17.D
 Acq: 14 Aug 2017 07:46 pm

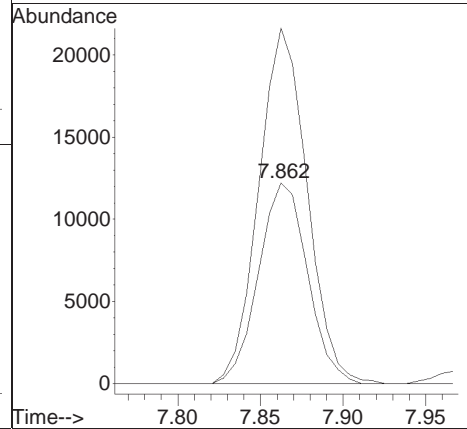
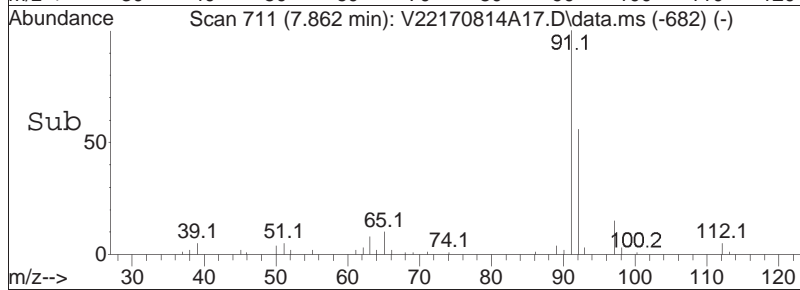
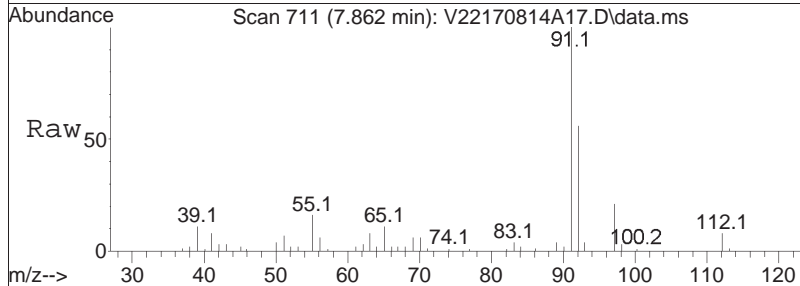
Tgt Ion	Resp	Lower	Upper
78	231990		
77	23.8	15.4	32.0
51	15.1	9.8	20.4
52	14.6	9.2	19.2

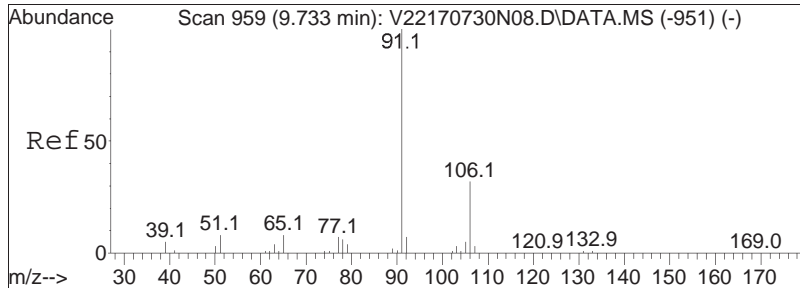




#64
 Toluene
 Concen: 2.67 ug/L
 RT: 7.862 min Scan# 711
 Delta R.T. 0.000 min
 Lab File: V22170814A17.D
 Acq: 14 Aug 2017 07:46 pm

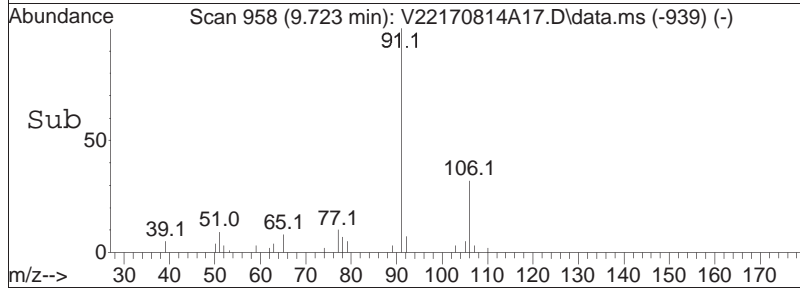
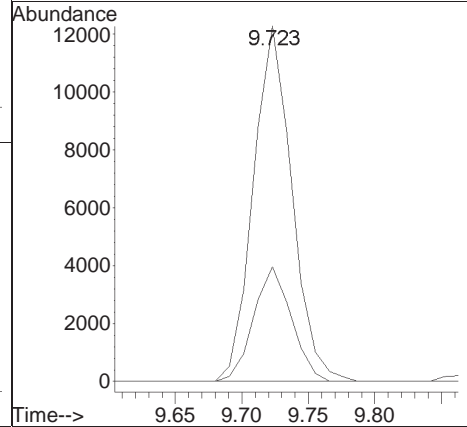
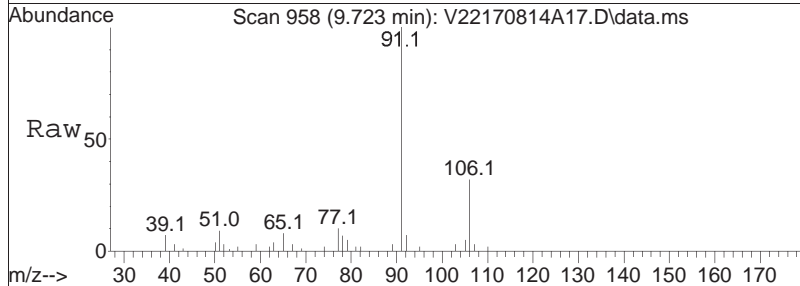
Tgt Ion:	Resp:	Lower	Upper
92	25109		
91	174.8	137.0	205.6

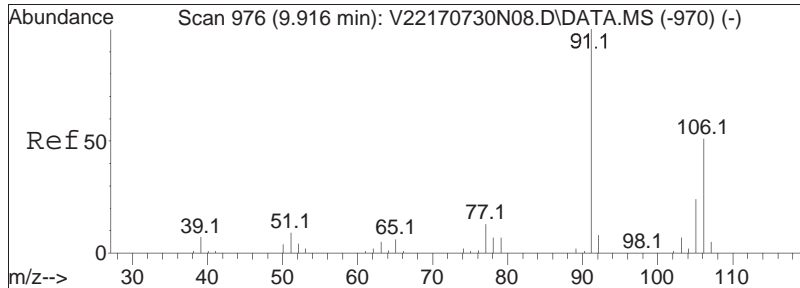




#78
 Ethylbenzene
 Concen: 1.34 ug/L
 RT: 9.723 min Scan# 958
 Delta R.T. -0.000 min
 Lab File: V22170814A17.D
 Acq: 14 Aug 2017 07:46 pm

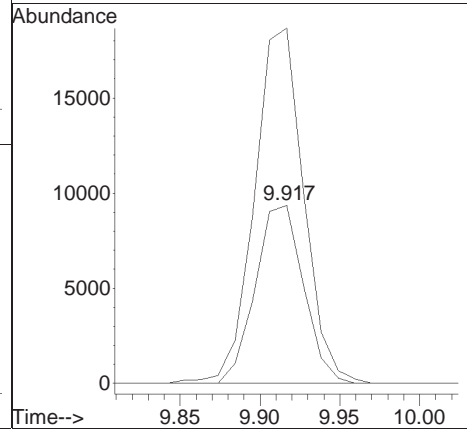
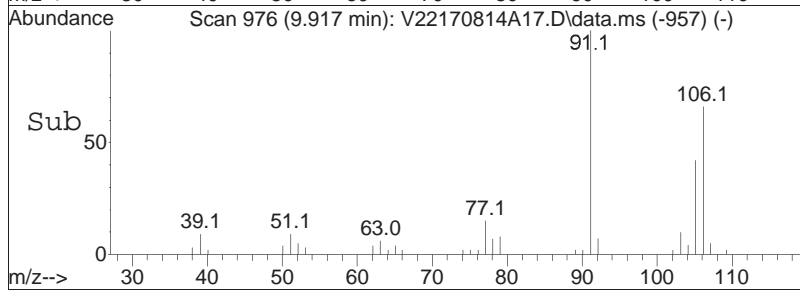
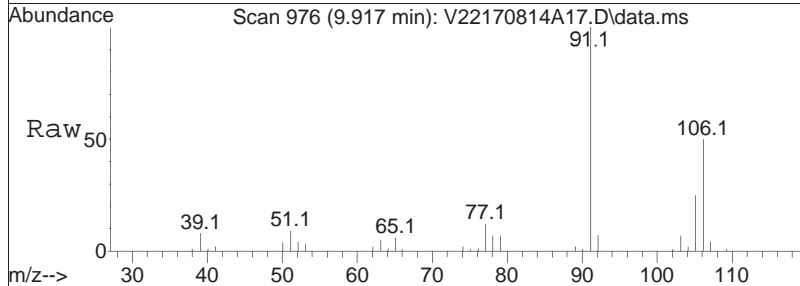
Tgt Ion:	91	Resp:	24724
Ion Ratio	100	Lower	Upper
91	100		
106	31.6	25.8	38.6

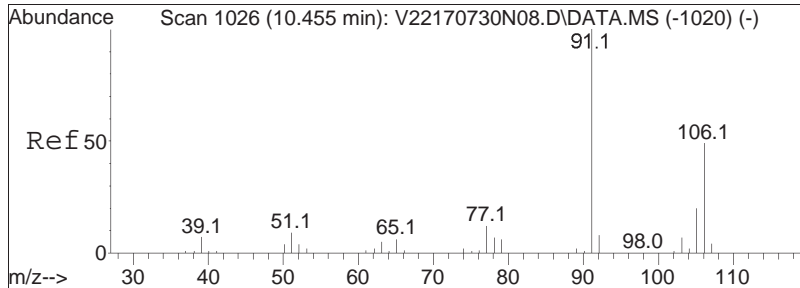




#80
 p/m Xylene
 Concen: 2.65 ug/L
 RT: 9.917 min Scan# 976
 Delta R.T. 0.001 min
 Lab File: V22170814A17.D
 Acq: 14 Aug 2017 07:46 pm

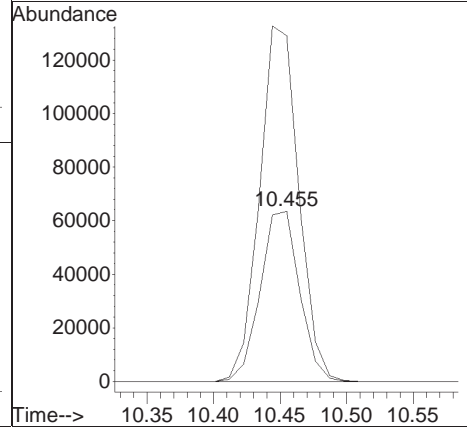
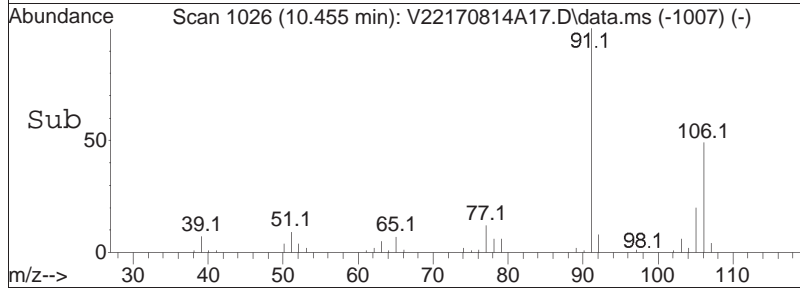
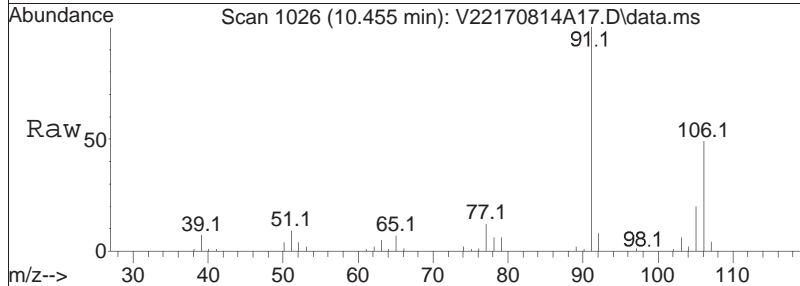
Tgt Ion	Resp	Lower	Upper
106	19647		
91	203.7	156.0	234.0

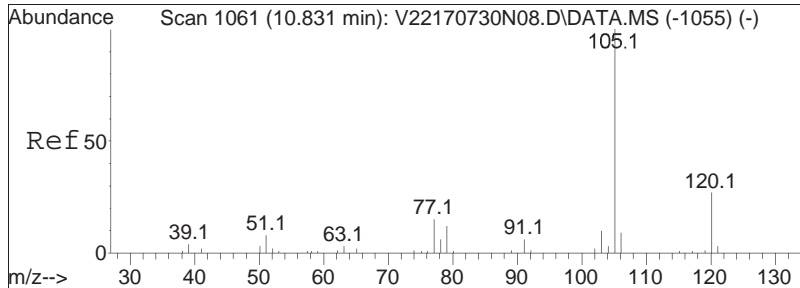




#81
 o Xylene
 Concen: 19.20 ug/L
 RT: 10.455 min Scan# 1026
 Delta R.T. -0.000 min
 Lab File: V22170814A17.D
 Acq: 14 Aug 2017 07:46 pm

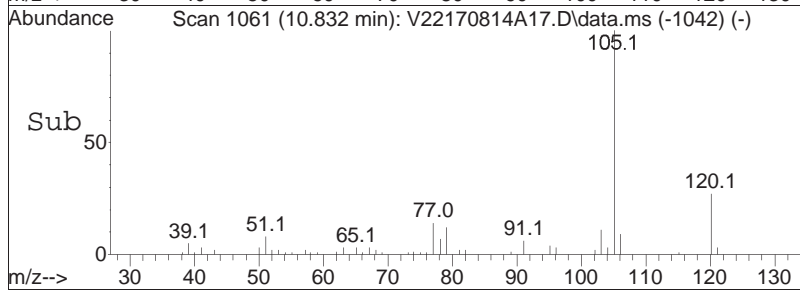
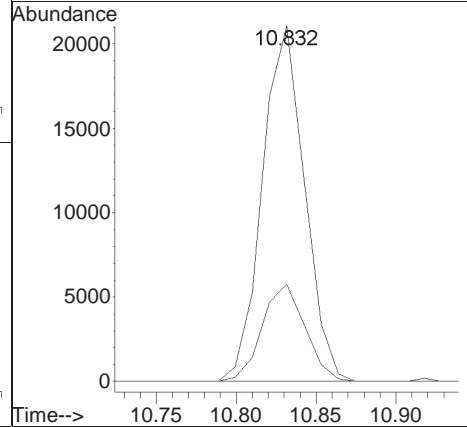
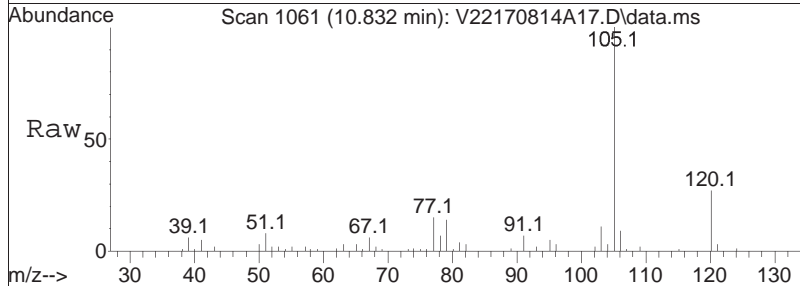
Tgt Ion	Resp	Lower	Upper
106	130387		
91	207.7	164.0	246.0

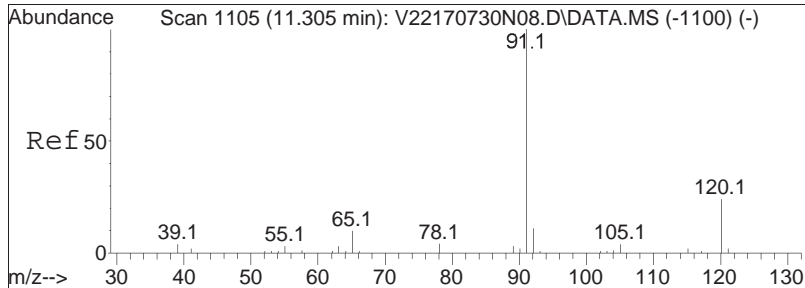




#86
 Isopropylbenzene
 Concen: 2.02 ug/L
 RT: 10.832 min Scan# 1061
 Delta R.T. 0.001 min
 Lab File: V22170814A17.D
 Acq: 14 Aug 2017 07:46 pm

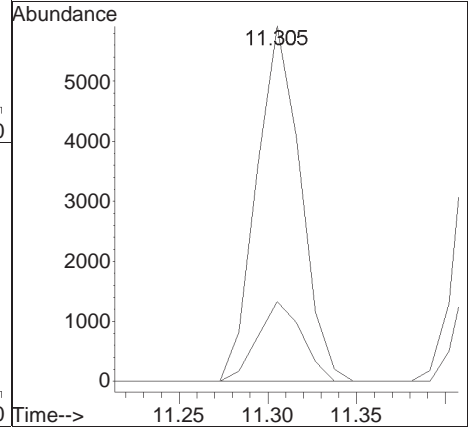
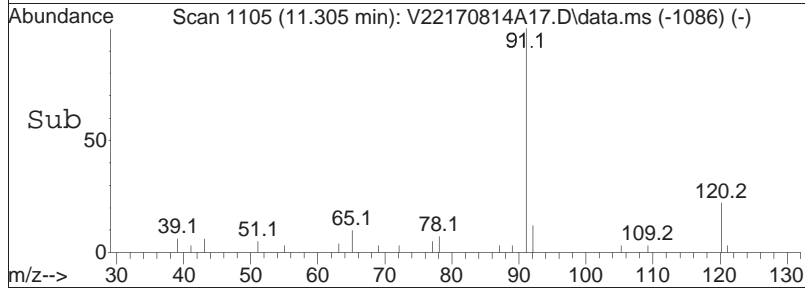
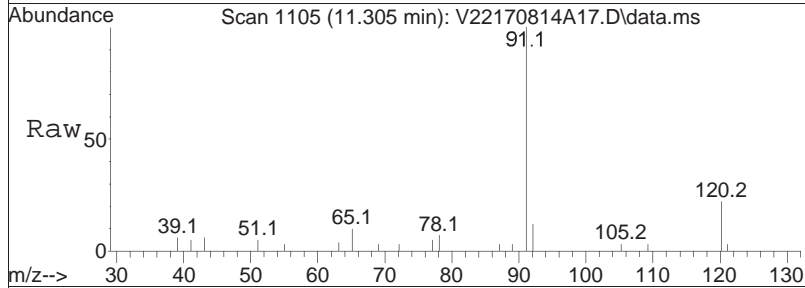
Tgt Ion	Resp	Lower	Upper
105	100		
120	27.8	7.7	47.7

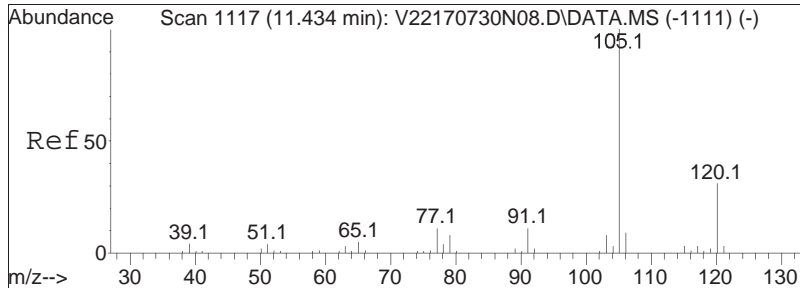




#89
 n-Propylbenzene
 Concen: 0.47 ug/L
 RT: 11.305 min Scan# 1105
 Delta R.T. 0.000 min
 Lab File: V22170814A17.D
 Acq: 14 Aug 2017 07:46 pm

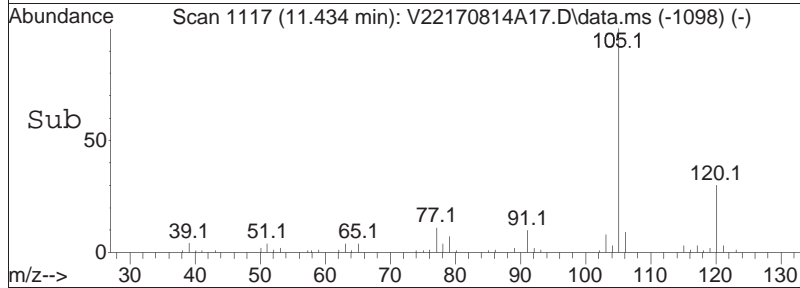
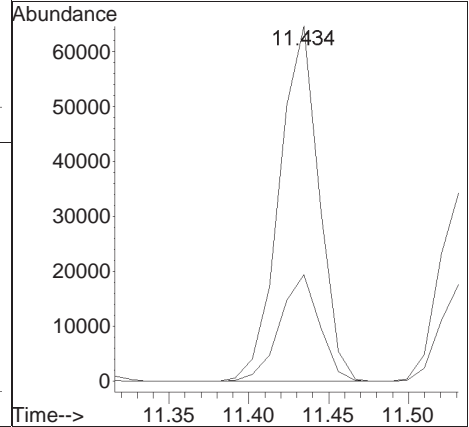
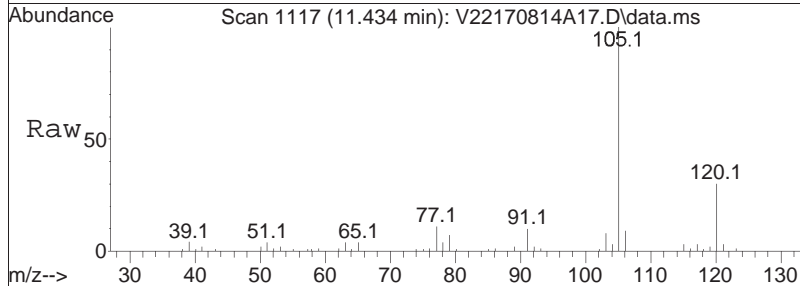
Tgt Ion	Resp	Lower	Upper
91	10215		
120	22.6	19.5	29.3

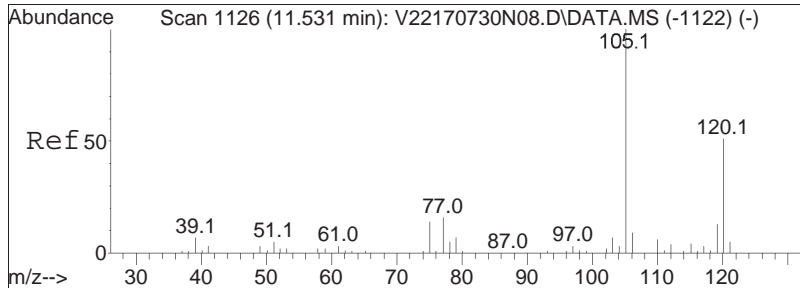




#92
 4-Ethyltoluene
 Concen: 6.36 ug/L
 RT: 11.434 min Scan# 1117
 Delta R.T. 0.000 min
 Lab File: V22170814A17.D
 Acq: 14 Aug 2017 07:46 pm

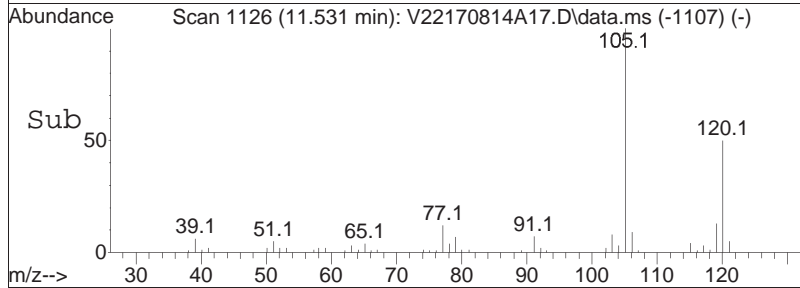
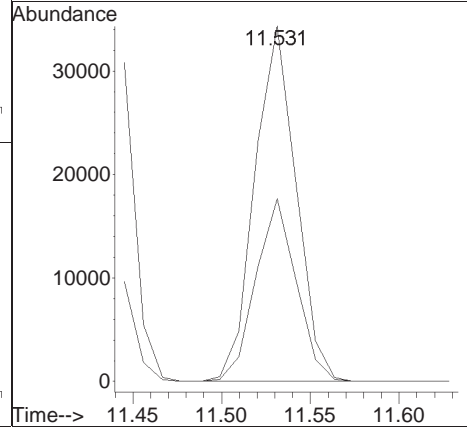
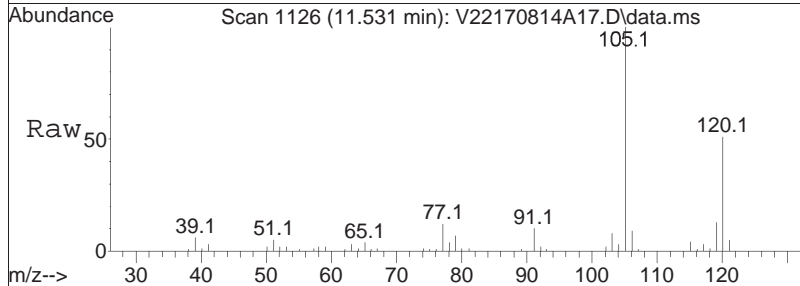
Tgt Ion	Resp	Lower	Upper
105	100		
120	30.0	19.8	41.0

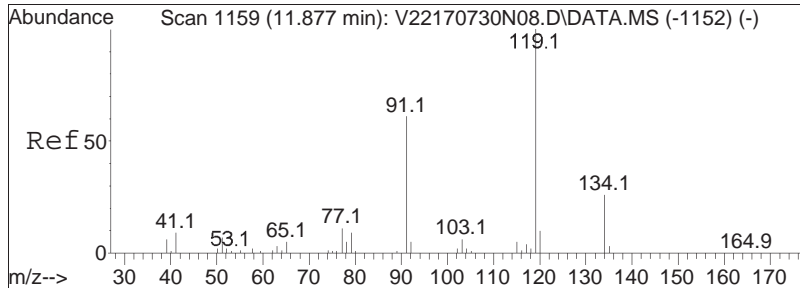




#94
 1,3,5-Trimethylbenzene
 Concen: 3.69 ug/L
 RT: 11.531 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: V22170814A17.D
 Acq: 14 Aug 2017 07:46 pm

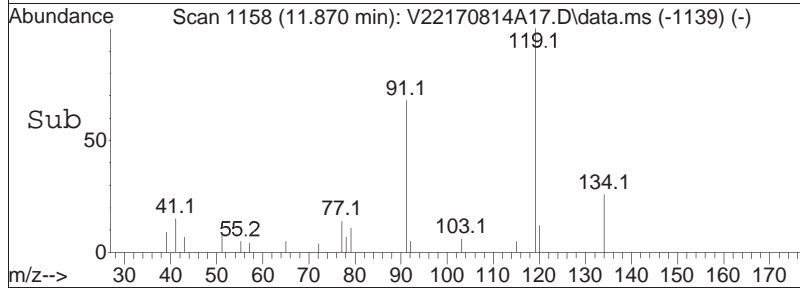
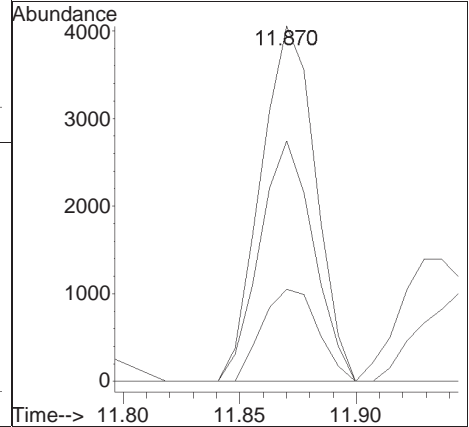
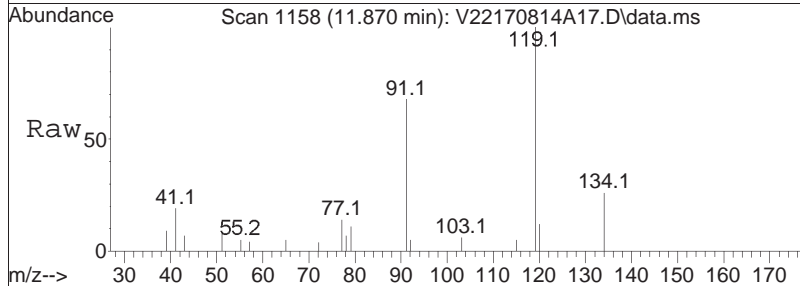
Tgt Ion	Resp	Lower	Upper
105	100		
120	50.4	40.9	61.3

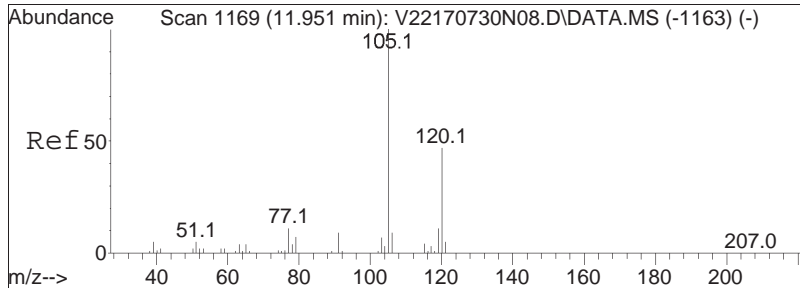




#98
 tert-Butylbenzene
 Concen: 0.48 ug/L
 RT: 11.870 min Scan# 1158
 Delta R.T. 0.000 min
 Lab File: V22170814A17.D
 Acq: 14 Aug 2017 07:46 pm

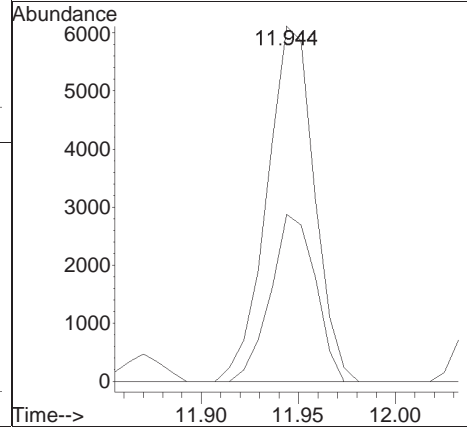
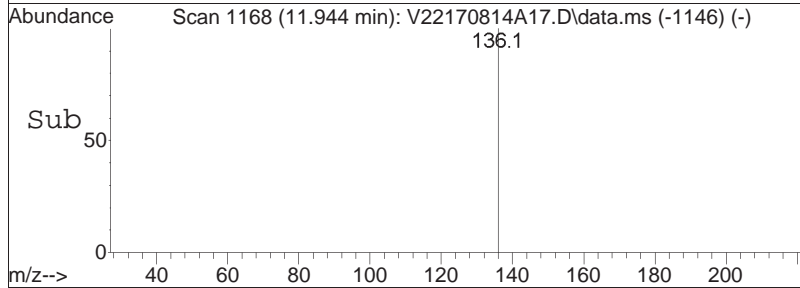
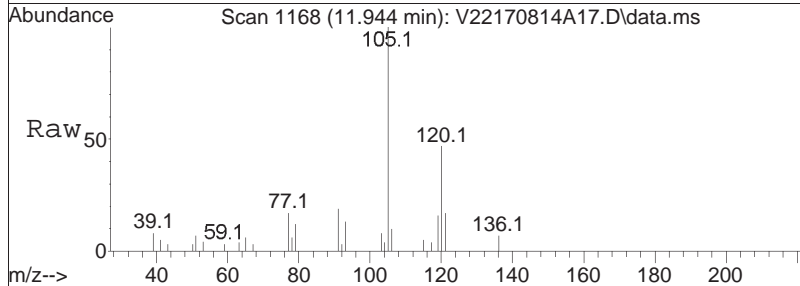
Tgt Ion	Resp	Lower	Upper
119	100		
91	66.5	50.2	75.4
134	26.4	20.8	31.2

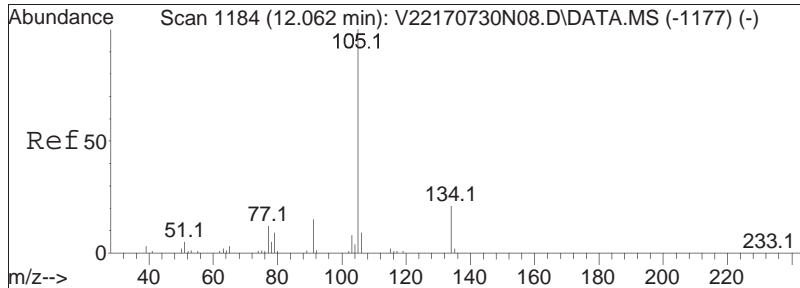




#101
 1,2,4-Trimethylbenzene
 Concen: 0.69 ug/L
 RT: 11.944 min Scan# 1168
 Delta R.T. -0.007 min
 Lab File: V22170814A17.D
 Acq: 14 Aug 2017 07:46 pm

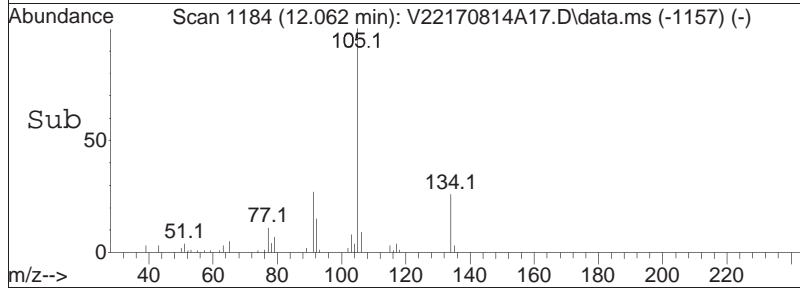
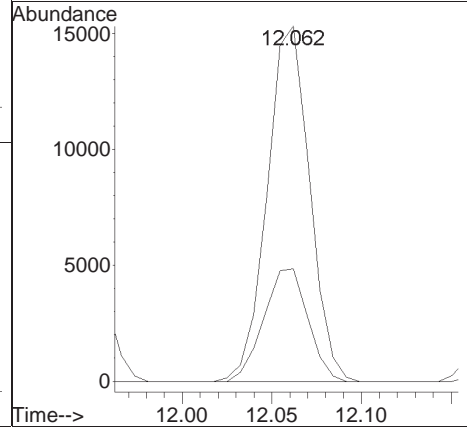
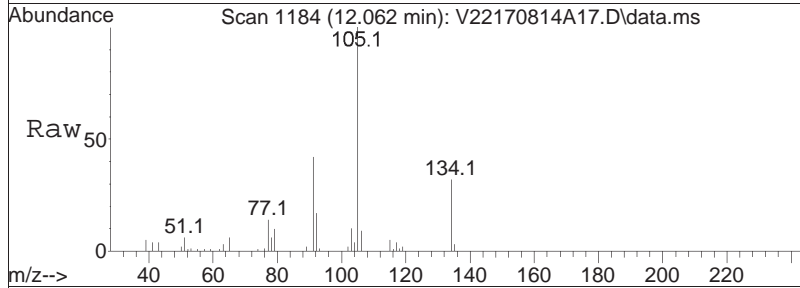
Tgt Ion	Resp	Lower	Upper
105	100		
120	44.4	38.5	57.7

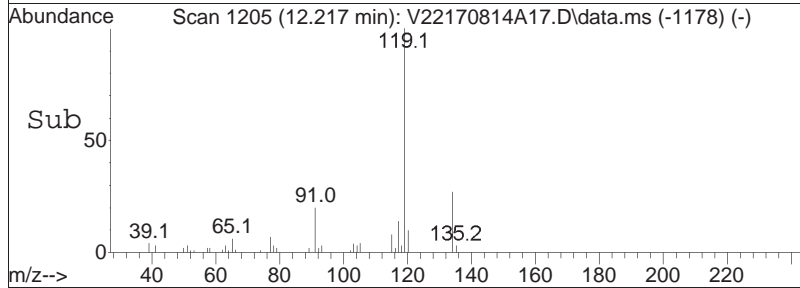
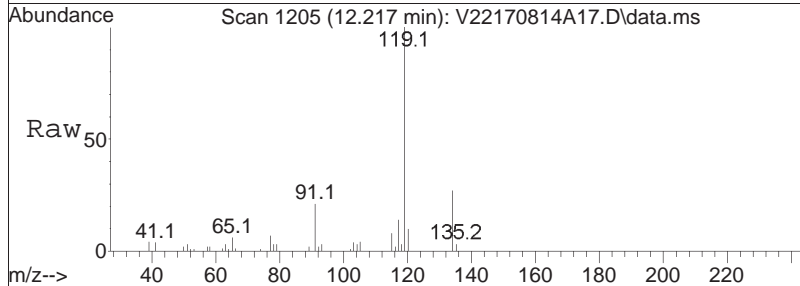
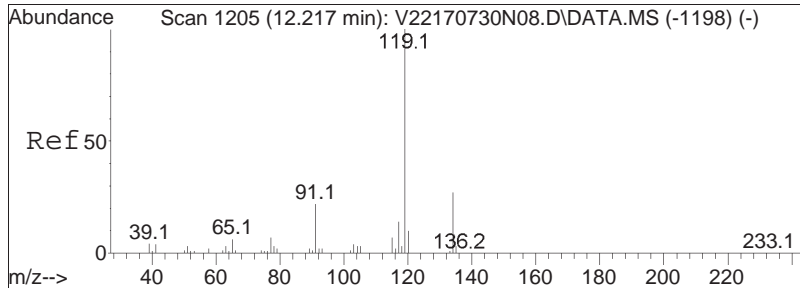




#102
 sec-Butylbenzene
 Concen: 1.29 ug/L
 RT: 12.062 min Scan# 1184
 Delta R.T. -0.000 min
 Lab File: V22170814A17.D
 Acq: 14 Aug 2017 07:46 pm

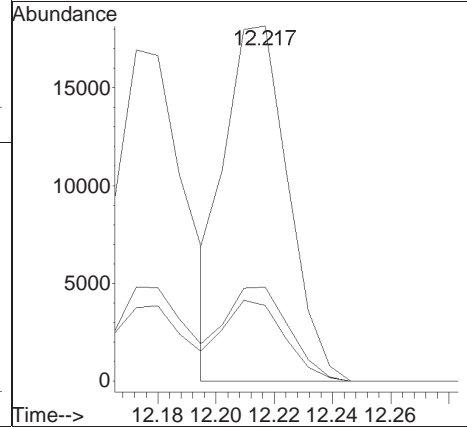
Tgt Ion	Ratio	Lower	Upper
105	100		
134	33.1	13.9	28.9#

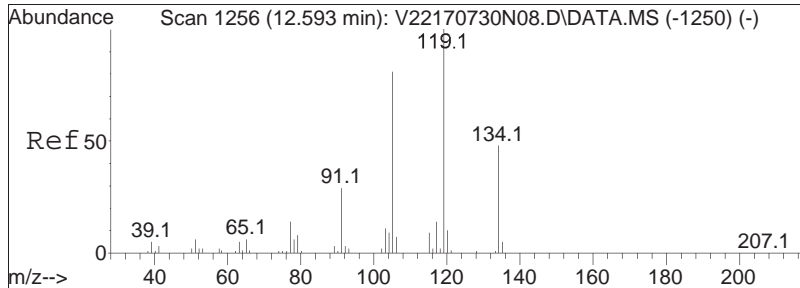




#103
 p-Isopropyltoluene
 Concen: 1.62 ug/L
 RT: 12.217 min Scan# 1205
 Delta R.T. -0.000 min
 Lab File: V22170814A17.D
 Acq: 14 Aug 2017 07:46 pm

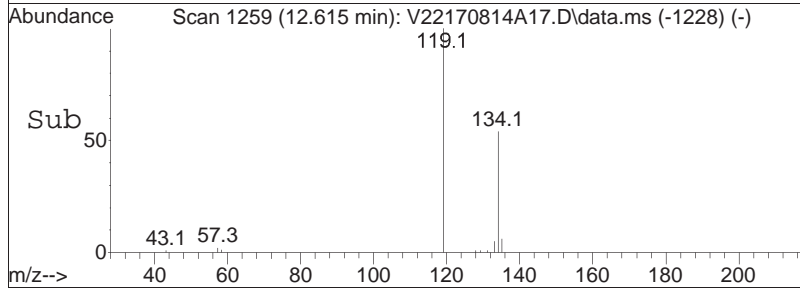
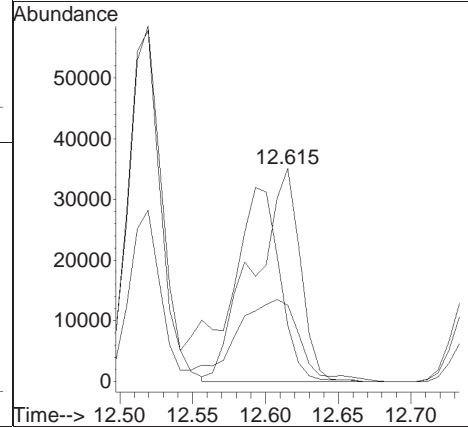
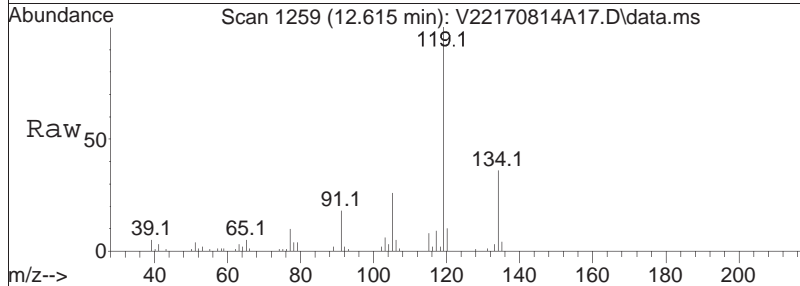
Tgt Ion	Resp	Lower	Upper
119	100		
134	27.1	17.7	36.7
91	22.2	14.1	29.3

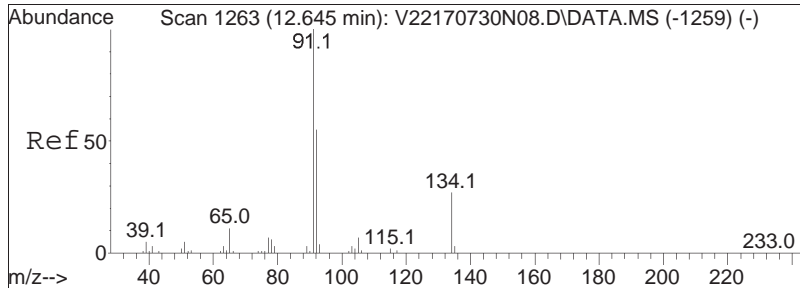




#106
 p-Diethylbenzene
 Concen: 7.94 ug/L
 RT: 12.615 min Scan# 1259
 Delta R.T. 0.029 min
 Lab File: V22170814A17.D
 Acq: 14 Aug 2017 07:46 pm

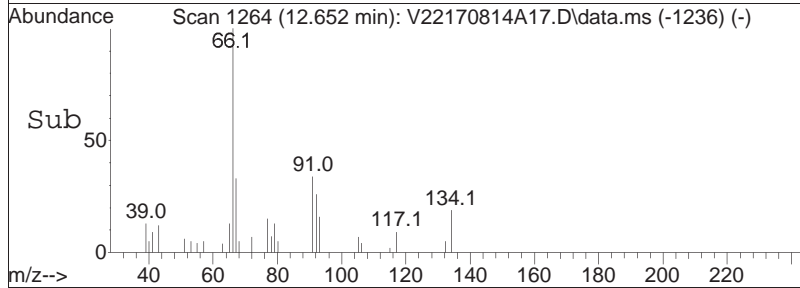
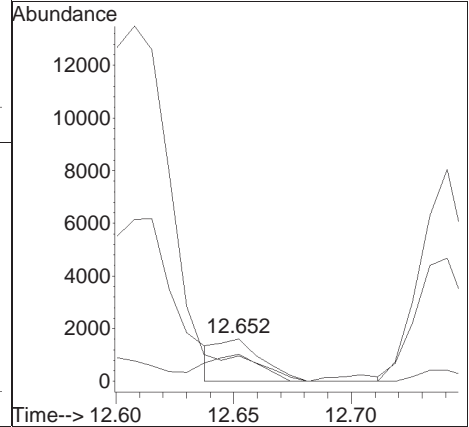
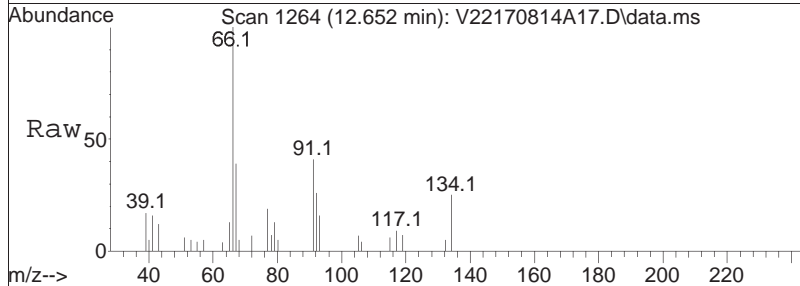
Tgt Ion	Resp	Lower	Upper
119	100		
105	93.8	53.4	110.8
134	52.3	30.9	64.1

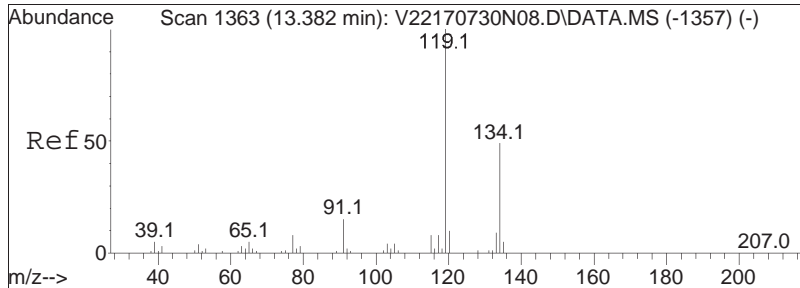




#107
 n-Butylbenzene
 Concen: 0.17 ug/L M2
 RT: 12.652 min Scan# 1264
 Delta R.T. 0.007 min
 Lab File: V22170814A17.D
 Acq: 14 Aug 2017 07:46 pm

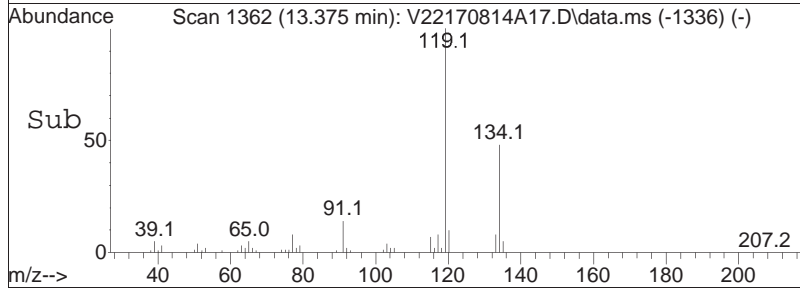
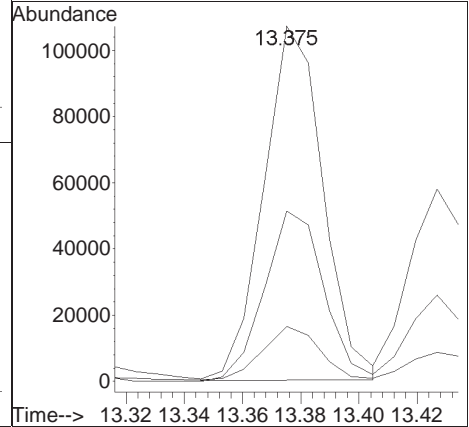
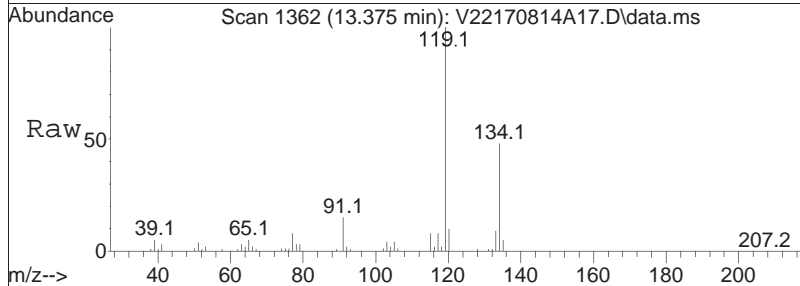
Tgt Ion:	Resp:		
Ion	Ratio	Lower	Upper
91	100		
92	88.2	44.6	66.8#
134	1648.2	22.9	34.3#

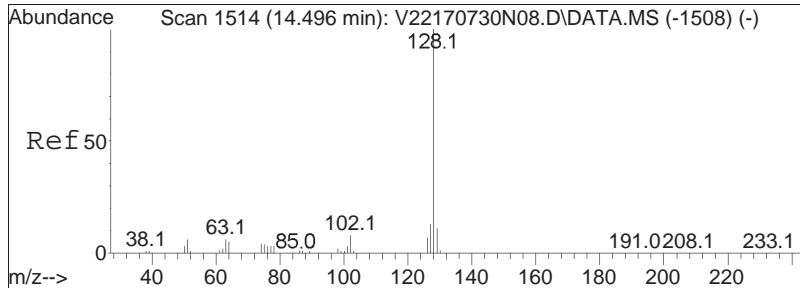




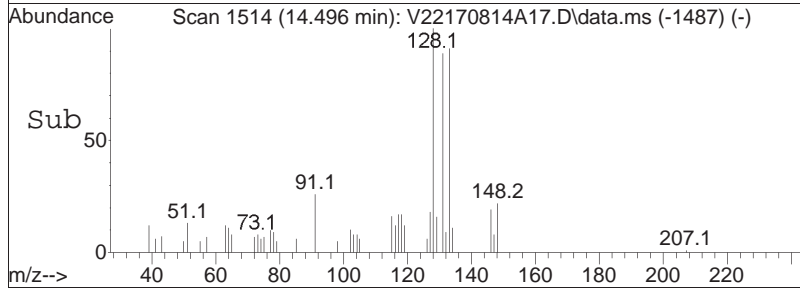
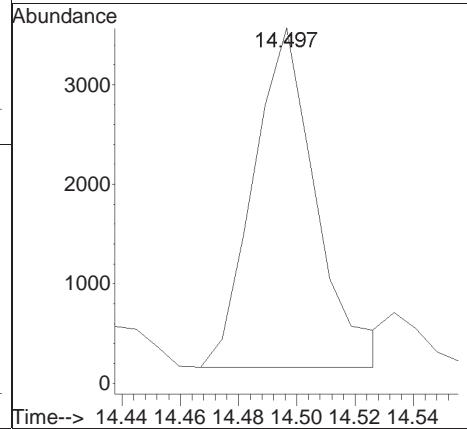
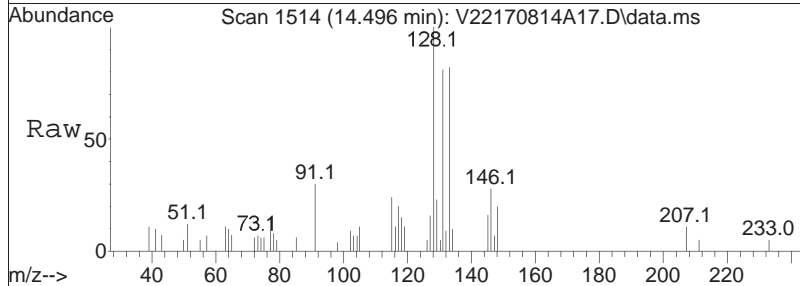
#109
 1,2,4,5-Tetramethylbenzene
 Concen: 10.43 ug/L
 RT: 13.375 min Scan# 1362
 Delta R.T. -0.007 min
 Lab File: V22170814A17.D
 Acq: 14 Aug 2017 07:46 pm

Tgt Ion	Ratio	Lower	Upper
119	100		
134	48.6	31.9	66.1
91	14.4	9.8	20.3





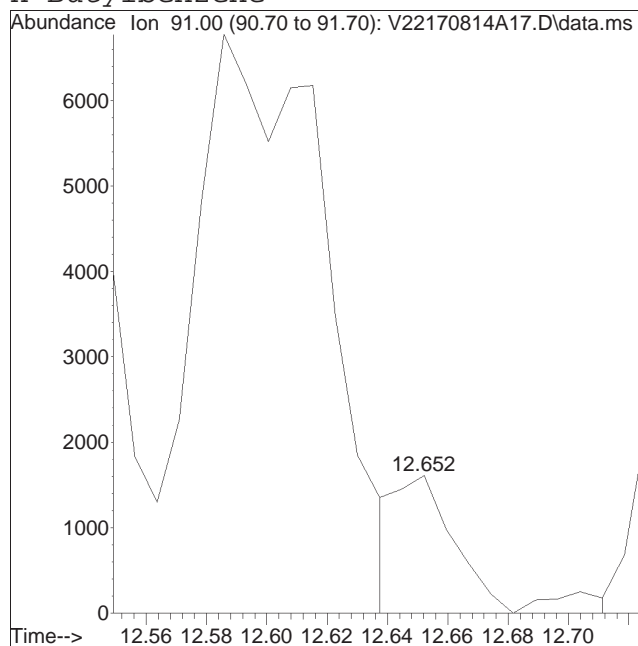
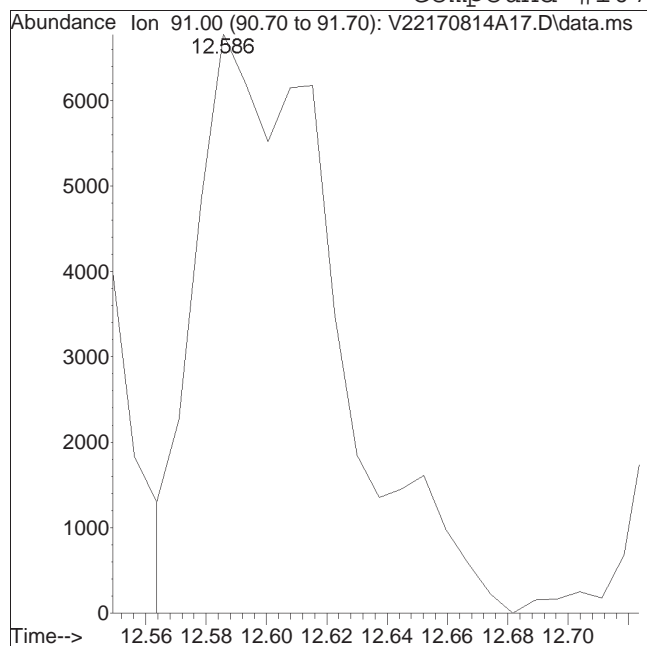
#114
 Naphthalene
 Concen: 0.48 ug/L
 RT: 14.496 min Scan# 1514
 Delta R.T. 0.000 min
 Lab File: V22170814A17.D
 Acq: 14 Aug 2017 07:46 pm
 Tgt Ion:128 Resp: 5091



Manual Integration Report

Data Path : I:\VOLATILES\VOA122\2017\1QMethod : V122_170804A_8260.m
Data File : V22170814A17.D Operator : VOA122:PD
Date Inj'd : 8/14/2017 7:46 pm Instrument : VOA122
Sample : 11728063-03,31,10,10,,a Quant Date : 8/15/2017 7:22 am

Compound #107: n-Butylbenzene



Original Peak Response = 21890

Manual Peak Response = 2475 M2

M2 = Peak not found by automatic integration algorithm.

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA122\2017\170813A\
 Data File : V22170814A18.D
 Acq On : 14 Aug 2017 08:13 pm
 Operator : VOA122:PD
 Sample : 11728063-04,31,10,10,,a
 Misc : WG1031945,ICAL13890 (Sig #1); WG,ICAL13890 (Sig #2)
 ALS Vial : 18 Sample Multiplier: 1

Quant Time: Aug 15 07:28:03 2017
 Quant Method : I:\VOLATILES\VOA122\2017\170813A\V122_170804A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sat Aug 05 11:45:14 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA122\2017\170813A\V22170814A01.D
 Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	

Internal Standards							
1) Fluorobenzene	6.101	96	133753	10.000	ug/L	0.00	
Standard Area 1 = 134445			Recovery =	99.49%			
62) Chlorobenzene-d5	9.658	117	114602	10.000	ug/L	0.00	
Standard Area 1 = 113575			Recovery =	100.90%			
83) 1,4-Dichlorobenzene-d4	12.350	152	59911	10.000	ug/L	0.00	
Standard Area 1 = 59934			Recovery =	99.96%			
System Monitoring Compounds							
38) Dibromofluoromethane	5.270	113	33670	9.740	ug/L	0.00	
Spiked Amount 10.000	Range 70 - 130		Recovery =	97.40%			
46) 1,2-Dichloroethane-d4	5.813	65	31523	9.852	ug/L	0.00	
Spiked Amount 10.000	Range 70 - 130		Recovery =	98.52%			
63) Toluene-d8	7.807	98	137525	9.983	ug/L	0.00	
Spiked Amount 10.000	Range 70 - 130		Recovery =	99.83%			
87) 4-Bromofluorobenzene	11.144	95	53475	10.332	ug/L	0.00	
Spiked Amount 10.000	Range 70 - 130		Recovery =	103.32%			
Target Compounds							Qvalue
2) Dichlorodifluoromethane	0.000		0		N.D.		
3) Chloromethane	0.000		0		N.D.		
4) Vinyl chloride	0.000		0		N.D.		
5) Bromomethane	0.000		0		N.D.		
6) Chloroethane	0.000		0		N.D.		
7) Trichlorofluoromethane	0.000		0		N.D.		
8) Ethyl ether	0.000		0		N.D.		
10) 1,1-Dichloroethene	0.000		0		N.D.		
11) Carbon disulfide	3.021	76	115		N.D.		
15) Methylene chloride	0.000		0		N.D.		
17) Acetone	0.000		0		N.D.		d
18) trans-1,2-Dichloroethene	0.000		0		N.D.		
21) Methyl tert-butyl ether	0.000		0		N.D.		
25) 1,1-Dichloroethane	0.000		0		N.D.		
27) Acrylonitrile	0.000		0		N.D.		
29) Vinyl acetate	0.000		0		N.D.		
30) cis-1,2-Dichloroethene	0.000		0		N.D.		
31) 2,2-Dichloropropane	0.000		0		N.D.		
32) Bromochloromethane	0.000		0		N.D.		
34) Chloroform	0.000		0		N.D.		

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA122\2017\170813A\
 Data File : V22170814A18.D
 Acq On : 14 Aug 2017 08:13 pm
 Operator : VOA122:PD
 Sample : 11728063-04,31,10,10,,a
 Misc : WG1031945,ICAL13890 (Sig #1); WG,ICAL13890 (Sig #2)
 ALS Vial : 18 Sample Multiplier: 1

Quant Time: Aug 15 07:28:03 2017
 Quant Method : I:\VOLATILES\VOA122\2017\170813A\V122_170804A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sat Aug 05 11:45:14 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA122\2017\170813A\V22170814A01.D
 Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) Carbon tetrachloride	0.000		0		N.D.	
39) 1,1,1-Trichloroethane	0.000		0		N.D.	
41) 2-Butanone	0.000		0		N.D.	
42) 1,1-Dichloropropene	0.000		0		N.D.	
44) Benzene	5.673	78	95		N.D.	
47) 1,2-Dichloroethane	0.000		0		N.D.	
51) Trichloroethene	0.000		0		N.D.	
53) Dibromomethane	0.000		0		N.D.	
54) 1,2-Dichloropropane	0.000		0		N.D.	
57) Bromodichloromethane	0.000		0		N.D.	
60) 1,4-Dioxane	0.000		0		N.D.	
61) cis-1,3-Dichloropropene	0.000		0		N.D.	
64) Toluene	7.869	92	276		N.D.	
65) 4-Methyl-2-pentanone	0.000		0		N.D.	
66) Tetrachloroethene	0.000		0		N.D.	
68) trans-1,3-Dichloropropene	0.000		0		N.D.	
71) 1,1,2-Trichloroethane	0.000		0		N.D.	
72) Chlorodibromomethane	0.000		0		N.D.	
73) 1,3-Dichloropropane	0.000		0		N.D.	
74) 1,2-Dibromoethane	0.000		0		N.D.	
76) 2-Hexanone	0.000		0		N.D.	
77) Chlorobenzene	0.000		0		N.D.	
78) Ethylbenzene	0.000		0		N.D.	
79) 1,1,1,2-Tetrachloroethane	0.000		0		N.D.	
80) p/m Xylene	9.917	106	236		N.D.	
81) o Xylene	0.000		0		N.D.	
82) Styrene	0.000		0		N.D.	
84) Bromoform	0.000		0		N.D.	
86) Isopropylbenzene	0.000		0		N.D.	
88) Bromobenzene	0.000		0		N.D.	
89) n-Propylbenzene	0.000		0		N.D.	
91) 1,1,2,2-Tetrachloroethane	0.000		0		N.D.	
92) 4-Ethyltoluene	0.000		0		N.D.	
93) 2-Chlorotoluene	0.000		0		N.D.	
94) 1,3,5-Trimethylbenzene	0.000		0		N.D.	
95) 1,2,3-Trichloropropane	0.000		0		N.D.	
96) trans-1,4-Dichloro-2-b...	0.000		0		N.D.	
97) 4-Chlorotoluene	0.000		0		N.D.	
98) tert-Butylbenzene	0.000		0		N.D.	

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA122\2017\170813A\
 Data File : V22170814A18.D
 Acq On : 14 Aug 2017 08:13 pm
 Operator : VOA122:PD
 Sample : 11728063-04,31,10,10,,a
 Misc : WG1031945,ICAL13890 (Sig #1); WG,ICAL13890 (Sig #2)
 ALS Vial : 18 Sample Multiplier: 1

Quant Time: Aug 15 07:28:03 2017
 Quant Method : I:\VOLATILES\VOA122\2017\170813A\V122_170804A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sat Aug 05 11:45:14 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA122\2017\170813A\V22170814A01.D
 Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
101) 1,2,4-Trimethylbenzene	0.000		0			N.D.
102) sec-Butylbenzene	0.000		0			N.D.
103) p-Isopropyltoluene	0.000		0			N.D.
104) 1,3-Dichlorobenzene	0.000		0			N.D.
105) 1,4-Dichlorobenzene	0.000		0			N.D.
106) p-Diethylbenzene	0.000		0			N.D.
107) n-Butylbenzene	0.000		0			N.D.
108) 1,2-Dichlorobenzene	0.000		0			N.D.
109) 1,2,4,5-Tetramethylben...	0.000		0			N.D.
110) 1,2-Dibromo-3-chloropr...	0.000		0			N.D.
112) Hexachlorobutadiene	0.000		0			N.D.
113) 1,2,4-Trichlorobenzene	0.000		0			N.D.
114) Naphthalene	0.000		0			N.D.
115) 1,2,3-Trichlorobenzene	0.000		0			N.D.

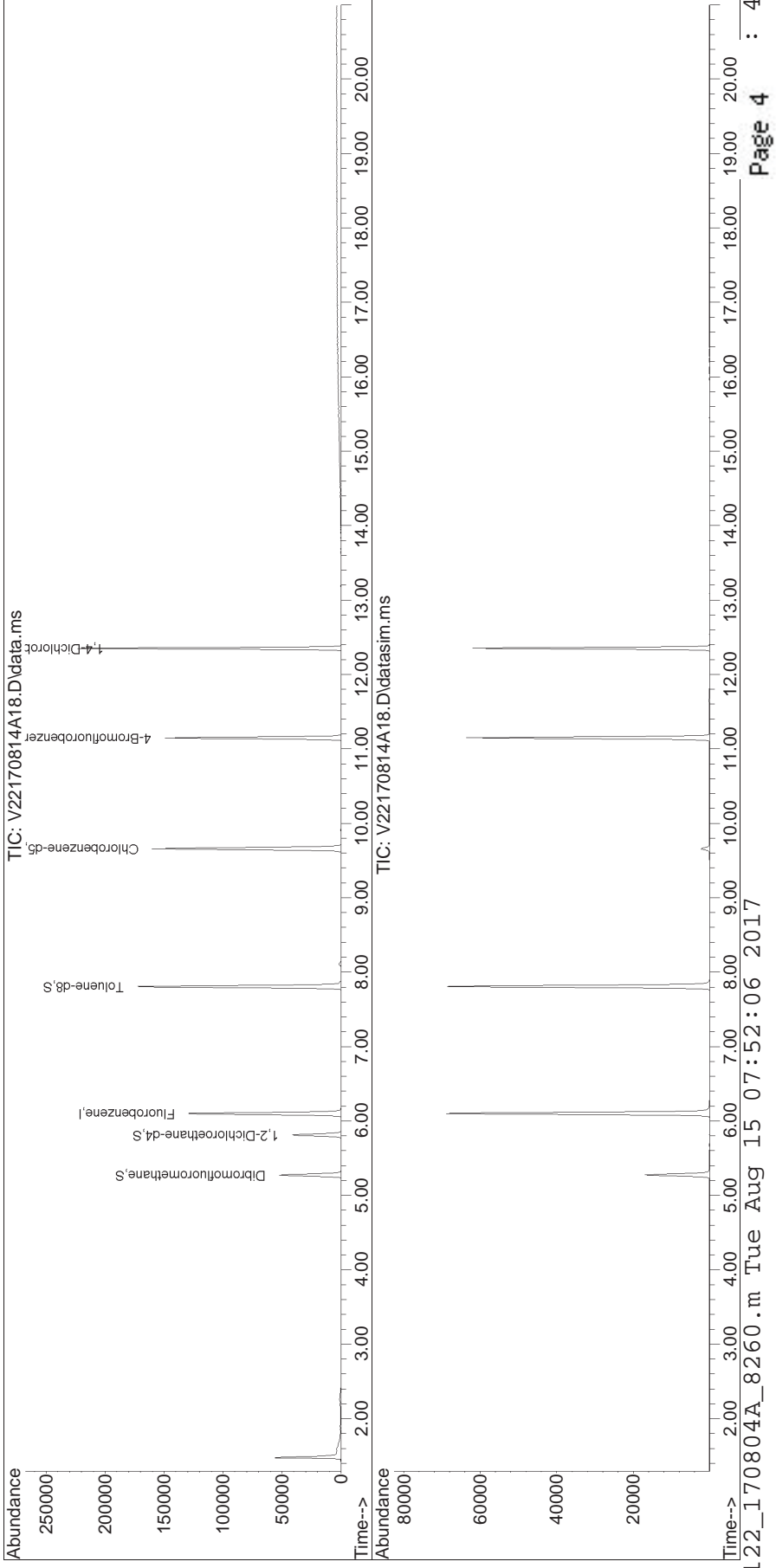
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA122\2017\170813A\
Data File : V22170814A18.D
Acq On : 14 Aug 2017 08:13 pm
Operator : VOA122:PD
Sample : 11728063-04,31,10,10,,a
Misc : WG1031945,ICAL13890 (Sig #1); WG,ICAL13890 (Sig #2)
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Aug 15 07:28:03 2017
Quant Method : I:\VOLATILES\VOA122\2017\170813A\V122_170804A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sat Aug 05 11:45:14 2017
Response via : Initial Calibration

Sub List : 8260-NYTCL - Megamix plus Diox70813A\V22170814A01.D•



Manual Integration Report

Data Path : I:\VOLATILES\VOA122\2017\1QMethod : V122_170804A_8260.m
Data File : V22170814A18.D Operator : VOA122:PD
Date Inj'd : 8/14/2017 8:13 pm Instrument : VOA122
Sample : 11728063-04,31,10,10,,a Quant Date : 8/15/2017 7:22 am

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA122\2017\170813A\
 Data File : V22170814A19.D
 Acq On : 14 Aug 2017 08:41 pm
 Operator : VOA122:PD
 Sample : 11728063-05,31,10,10,,a
 Misc : WG1031945,ICAL13890 (Sig #1); WG,ICAL13890 (Sig #2)
 ALS Vial : 19 Sample Multiplier: 1

Quant Time: Aug 15 07:28:10 2017
 Quant Method : I:\VOLATILES\VOA122\2017\170813A\V122_170804A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sat Aug 05 11:45:14 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA122\2017\170813A\V22170814A01.D
 Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	

Internal Standards							
1) Fluorobenzene	6.101	96	136065	10.000	ug/L	0.00	
Standard Area 1 = 134445			Recovery = 101.20%				
62) Chlorobenzene-d5	9.658	117	116996	10.000	ug/L	0.00	
Standard Area 1 = 113575			Recovery = 103.01%				
83) 1,4-Dichlorobenzene-d4	12.349	152	61528	10.000	ug/L	0.00	
Standard Area 1 = 59934			Recovery = 102.66%				
System Monitoring Compounds							
38) Dibromofluoromethane	5.270	113	34389	9.779	ug/L	0.00	
Spiked Amount 10.000	Range 70 - 130		Recovery = 97.79%				
46) 1,2-Dichloroethane-d4	5.813	65	32123	9.869	ug/L	0.00	
Spiked Amount 10.000	Range 70 - 130		Recovery = 98.69%				
63) Toluene-d8	7.807	98	139840	9.943	ug/L	0.00	
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.43%				
87) 4-Bromofluorobenzene	11.144	95	54161	10.190	ug/L	0.00	
Spiked Amount 10.000	Range 70 - 130		Recovery = 101.90%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	0.000		0		N.D.		
3) Chloromethane	0.000		0		N.D.		
4) Vinyl chloride	0.000		0		N.D.		
5) Bromomethane	0.000		0		N.D.		
6) Chloroethane	0.000		0		N.D.		
7) Trichlorofluoromethane	0.000		0		N.D.		
8) Ethyl ether	0.000		0		N.D.		
10) 1,1-Dichloroethene	0.000		0		N.D.		
11) Carbon disulfide	0.000		0		N.D.		
15) Methylene chloride	0.000		0		N.D.		
17) Acetone	0.000		0		N.D.		d
18) trans-1,2-Dichloroethene	0.000		0		N.D.		
21) Methyl tert-butyl ether	0.000		0		N.D.		
25) 1,1-Dichloroethane	0.000		0		N.D.		
27) Acrylonitrile	0.000		0		N.D.		
29) Vinyl acetate	0.000		0		N.D.		
30) cis-1,2-Dichloroethene	0.000		0		N.D.		
31) 2,2-Dichloropropane	0.000		0		N.D.		
32) Bromochloromethane	0.000		0		N.D.		
34) Chloroform	0.000		0		N.D.		

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA122\2017\170813A\
 Data File : V22170814A19.D
 Acq On : 14 Aug 2017 08:41 pm
 Operator : VOA122:PD
 Sample : 11728063-05,31,10,10,,a
 Misc : WG1031945,ICAL13890 (Sig #1); WG,ICAL13890 (Sig #2)
 ALS Vial : 19 Sample Multiplier: 1

Quant Time: Aug 15 07:28:10 2017
 Quant Method : I:\VOLATILES\VOA122\2017\170813A\V122_170804A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sat Aug 05 11:45:14 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA122\2017\170813A\V22170814A01.D
 Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) Carbon tetrachloride	0.000		0		N.D.	
39) 1,1,1-Trichloroethane	0.000		0		N.D.	
41) 2-Butanone	0.000		0		N.D.	
42) 1,1-Dichloropropene	0.000		0		N.D.	
44) Benzene	0.000		0		N.D.	
47) 1,2-Dichloroethane	0.000		0		N.D.	
51) Trichloroethene	0.000		0		N.D.	
53) Dibromomethane	0.000		0		N.D.	
54) 1,2-Dichloropropane	0.000		0		N.D.	
57) Bromodichloromethane	0.000		0		N.D.	
60) 1,4-Dioxane	0.000		0		N.D.	
61) cis-1,3-Dichloropropene	0.000		0		N.D.	
64) Toluene	0.000		0		N.D.	
65) 4-Methyl-2-pentanone	0.000		0		N.D.	
66) Tetrachloroethene	0.000		0		N.D.	
68) trans-1,3-Dichloropropene	0.000		0		N.D.	
71) 1,1,2-Trichloroethane	0.000		0		N.D.	
72) Chlorodibromomethane	0.000		0		N.D.	
73) 1,3-Dichloropropane	0.000		0		N.D.	
74) 1,2-Dibromoethane	0.000		0		N.D.	
76) 2-Hexanone	0.000		0		N.D.	
77) Chlorobenzene	0.000		0		N.D.	
78) Ethylbenzene	0.000		0		N.D.	
79) 1,1,1,2-Tetrachloroethane	0.000		0		N.D.	
80) p/m Xylene	0.000		0		N.D.	
81) o Xylene	0.000		0		N.D.	
82) Styrene	0.000		0		N.D.	
84) Bromoform	0.000		0		N.D.	
86) Isopropylbenzene	0.000		0		N.D.	
88) Bromobenzene	0.000		0		N.D.	
89) n-Propylbenzene	0.000		0		N.D.	
91) 1,1,2,2-Tetrachloroethane	0.000		0		N.D.	
92) 4-Ethyltoluene	0.000		0		N.D.	
93) 2-Chlorotoluene	0.000		0		N.D.	
94) 1,3,5-Trimethylbenzene	0.000		0		N.D.	
95) 1,2,3-Trichloropropane	0.000		0		N.D.	
96) trans-1,4-Dichloro-2-b...	0.000		0		N.D.	
97) 4-Chlorotoluene	0.000		0		N.D.	
98) tert-Butylbenzene	0.000		0		N.D.	

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA122\2017\170813A\
 Data File : V22170814A19.D
 Acq On : 14 Aug 2017 08:41 pm
 Operator : VOA122:PD
 Sample : 11728063-05,31,10,10,,a
 Misc : WG1031945,ICAL13890 (Sig #1); WG,ICAL13890 (Sig #2)
 ALS Vial : 19 Sample Multiplier: 1

Quant Time: Aug 15 07:28:10 2017
 Quant Method : I:\VOLATILES\VOA122\2017\170813A\V122_170804A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sat Aug 05 11:45:14 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA122\2017\170813A\V22170814A01.D
 Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
101) 1,2,4-Trimethylbenzene	0.000		0			N.D.
102) sec-Butylbenzene	0.000		0			N.D.
103) p-Isopropyltoluene	0.000		0			N.D.
104) 1,3-Dichlorobenzene	0.000		0			N.D.
105) 1,4-Dichlorobenzene	0.000		0			N.D.
106) p-Diethylbenzene	0.000		0			N.D.
107) n-Butylbenzene	0.000		0			N.D.
108) 1,2-Dichlorobenzene	0.000		0			N.D.
109) 1,2,4,5-Tetramethylben...	0.000		0			N.D.
110) 1,2-Dibromo-3-chloropr...	0.000		0			N.D.
112) Hexachlorobutadiene	0.000		0			N.D.
113) 1,2,4-Trichlorobenzene	0.000		0			N.D.
114) Naphthalene	0.000		0			N.D.
115) 1,2,3-Trichlorobenzene	0.000		0			N.D.

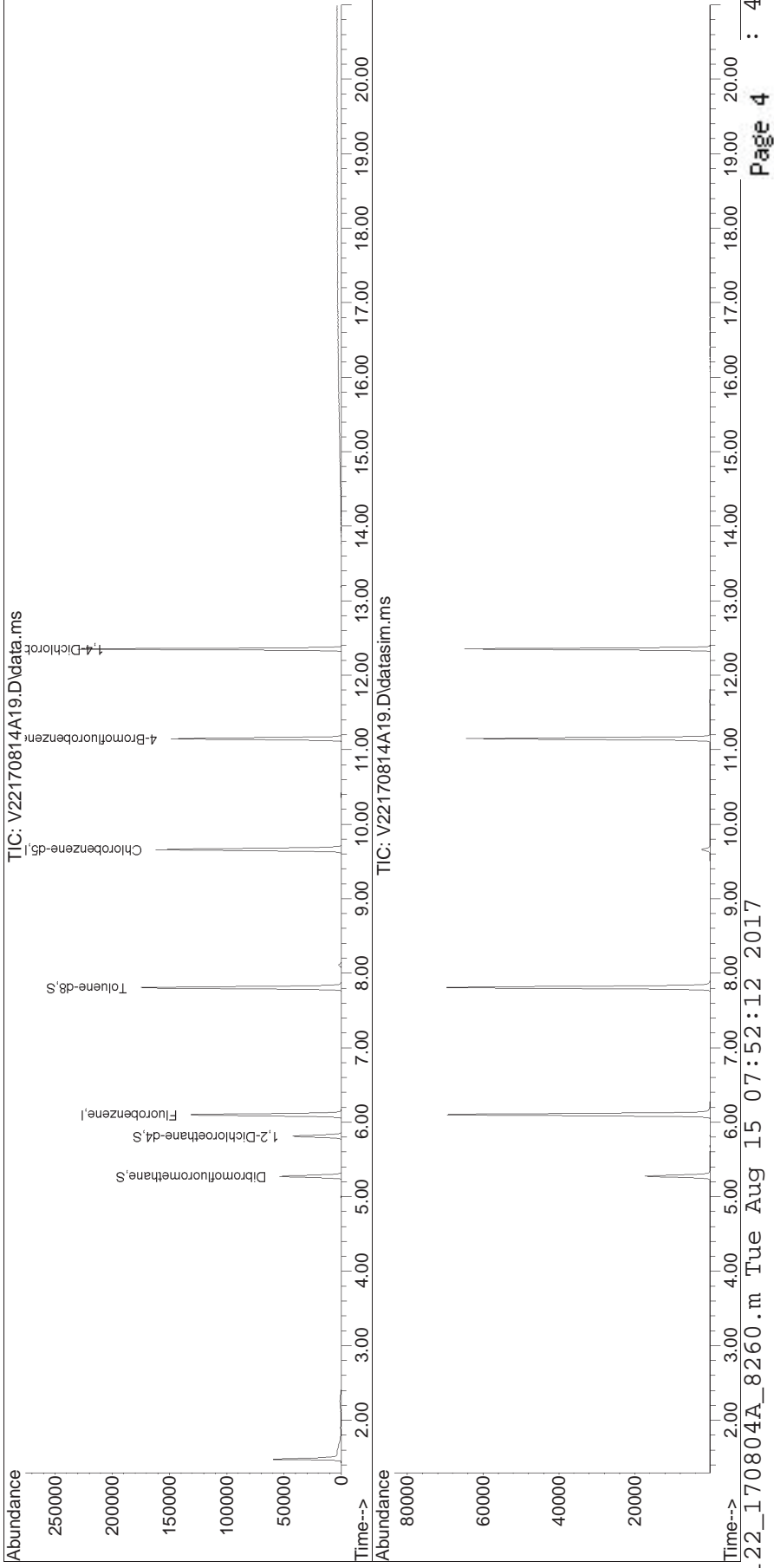
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA122\2017\170813A\
Data File : V22170814A19.D
Acq On : 14 Aug 2017 08:41 pm
Operator : VOA122:PD
Sample : 11728063-05,31,10,10,,a
Misc : WG1031945,ICAL13890 (Sig #1); WG,ICAL13890 (Sig #2)
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Aug 15 07:28:10 2017
Quant Method : I:\VOLATILES\VOA122\2017\170813A\V122_170804A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sat Aug 05 11:45:14 2017
Response via : Initial Calibration

Sub List : 8260-NYTCL - Megamix plus Diox70813A\V22170814A01.D•



Manual Integration Report

Data Path : I:\VOLATILES\VOA122\2017\1QMethod : V122_170804A_8260.m
Data File : V22170814A19.D Operator : VOA122:PD
Date Inj'd : 8/14/2017 8:41 pm Instrument : VOA122
Sample : 11728063-05,31,10,10,,a Quant Date : 8/15/2017 7:22 am

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA122\2017\170816A\
 Data File : V22170816A08.D
 Acq On : 16 Aug 2017 11:29 am
 Operator : VOA122:PD
 Sample : 11728063-02D,31,0.02,10,,a
 Misc : WG1032492,ICAL13890 (Sig #1); WG,ICAL13890 (Sig #2)
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 16 12:20:31 2017
 Quant Method : I:\VOLATILES\VOA122\2017\170816A\V122_170804A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sat Aug 05 11:45:14 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA122\2017\170816A\V22170816A01.D
 Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	

Internal Standards							
1) Fluorobenzene	6.101	96	123732	10.000	ug/L	0.00	
Standard Area 1 = 139648			Recovery =	88.60%			
62) Chlorobenzene-d5	9.658	117	107811	10.000	ug/L	0.00	
Standard Area 1 = 120275			Recovery =	89.64%			
83) 1,4-Dichlorobenzene-d4	12.350	152	55656	10.000	ug/L	0.00	
Standard Area 1 = 63825			Recovery =	87.20%			
System Monitoring Compounds							
38) Dibromofluoromethane	5.270	113	30814	9.636	ug/L	0.00	
Spiked Amount 10.000	Range 70 - 130		Recovery =	96.36%			
46) 1,2-Dichloroethane-d4	5.813	65	28068	9.483	ug/L	0.00	
Spiked Amount 10.000	Range 70 - 130		Recovery =	94.83%			
63) Toluene-d8	7.807	98	127730	9.856	ug/L	0.00	
Spiked Amount 10.000	Range 70 - 130		Recovery =	98.56%			
87) 4-Bromofluorobenzene	11.144	95	50926	10.592	ug/L	0.00	
Spiked Amount 10.000	Range 70 - 130		Recovery =	105.92%			
Target Compounds							
2) Dichlorodifluoromethane	0.000		0		N.D.		
3) Chloromethane	0.000		0		N.D. d		
4) Vinyl chloride	0.000		0		N.D.		
5) Bromomethane	0.000		0		N.D.		
6) Chloroethane	0.000		0		N.D.		
7) Trichlorofluoromethane	0.000		0		N.D.		
8) Ethyl ether	0.000		0		N.D.		
10) 1,1-Dichloroethene	0.000		0		N.D.		
11) Carbon disulfide	3.021	76	123		N.D.		
15) Methylene chloride	3.558	84	265	0.083	ug/L #	44	
17) Acetone	0.000		0		N.D. d		
18) trans-1,2-Dichloroethene	0.000		0		N.D.		
21) Methyl tert-butyl ether	3.826	73	673	0.091	ug/L #	1	
25) 1,1-Dichloroethane	0.000		0		N.D.		
27) Acrylonitrile	0.000		0		N.D.		
29) Vinyl acetate	0.000		0		N.D.		
30) cis-1,2-Dichloroethene	0.000		0		N.D.		
31) 2,2-Dichloropropane	0.000		0		N.D.		
32) Bromochloromethane	0.000		0		N.D.		
34) Chloroform	0.000		0		N.D.		

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA122\2017\170816A\
 Data File : V22170816A08.D
 Acq On : 16 Aug 2017 11:29 am
 Operator : VOA122:PD
 Sample : 11728063-02D,31,0.02,10,,a
 Misc : WG1032492,ICAL13890 (Sig #1); WG,ICAL13890 (Sig #2)
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 16 12:20:31 2017
 Quant Method : I:\VOLATILES\VOA122\2017\170816A\V122_170804A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sat Aug 05 11:45:14 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA122\2017\170816A\V22170816A01.D
 Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) Carbon tetrachloride	0.000		0		N.D.	
39) 1,1,1-Trichloroethane	0.000		0		N.D.	
41) 2-Butanone	0.000		0		N.D.	
42) 1,1-Dichloropropene	0.000		0		N.D.	
44) Benzene	5.673	78	320123	23.920	ug/L	97
47) 1,2-Dichloroethane	0.000		0		N.D.	
51) Trichloroethene	0.000		0		N.D.	
53) Dibromomethane	0.000		0		N.D.	
54) 1,2-Dichloropropane	0.000		0		N.D.	
57) Bromodichloromethane	0.000		0		N.D.	
60) 1,4-Dioxane	0.000		0		N.D.	
61) cis-1,3-Dichloropropene	0.000		0		N.D.	
64) Toluene	7.862	92	825634	94.252	ug/L	99
65) 4-Methyl-2-pentanone	0.000		0		N.D.	
66) Tetrachloroethene	0.000		0		N.D.	
68) trans-1,3-Dichloropropene	0.000		0		N.D.	
71) 1,1,2-Trichloroethane	0.000		0		N.D.	
72) Chlorodibromomethane	0.000		0		N.D.	
73) 1,3-Dichloropropane	0.000		0		N.D.	
74) 1,2-Dibromoethane	0.000		0		N.D.	
76) 2-Hexanone	0.000		0		N.D.	
77) Chlorobenzene	0.000		0		N.D.	
78) Ethylbenzene	9.723	91	127007	7.377	ug/L	99
79) 1,1,1,2-Tetrachloroethane	0.000		0		N.D.	
80) p/m Xylene	9.917	106	161887	23.475	ug/L	99
81) o Xylene	10.444	106	69108	10.921	ug/L	97
82) Styrene	10.509	104	238		N.D.	
84) Bromoform	0.000		0		N.D.	
86) Isopropylbenzene	10.832	105	2159	0.124	ug/L	90
88) Bromobenzene	0.000		0		N.D.	
89) n-Propylbenzene	11.305	91	5950	0.301	ug/L	93
91) 1,1,2,2-Tetrachloroethane	0.000		0		N.D.	
92) 4-Ethyltoluene	11.413	105	30147	1.890	ug/L	98
93) 2-Chlorotoluene	0.000		0		N.D. d	
94) 1,3,5-Trimethylbenzene	11.531	105	8158	0.599	ug/L	100
95) 1,2,3-Trichloropropane	0.000		0		N.D.	
96) trans-1,4-Dichloro-2-b...	0.000		0		N.D. d	
97) 4-Chlorotoluene	0.000		0		N.D. d	
98) tert-Butylbenzene	0.000		0		N.D. d	

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA122\2017\170816A\
 Data File : V22170816A08.D
 Acq On : 16 Aug 2017 11:29 am
 Operator : VOA122:PD
 Sample : 11728063-02D,31,0.02,10,,a
 Misc : WG1032492,ICAL13890 (Sig #1); WG,ICAL13890 (Sig #2)
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 16 12:20:31 2017
 Quant Method : I:\VOLATILES\VOA122\2017\170816A\V122_170804A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sat Aug 05 11:45:14 2017
 Response via : Initial Calibration

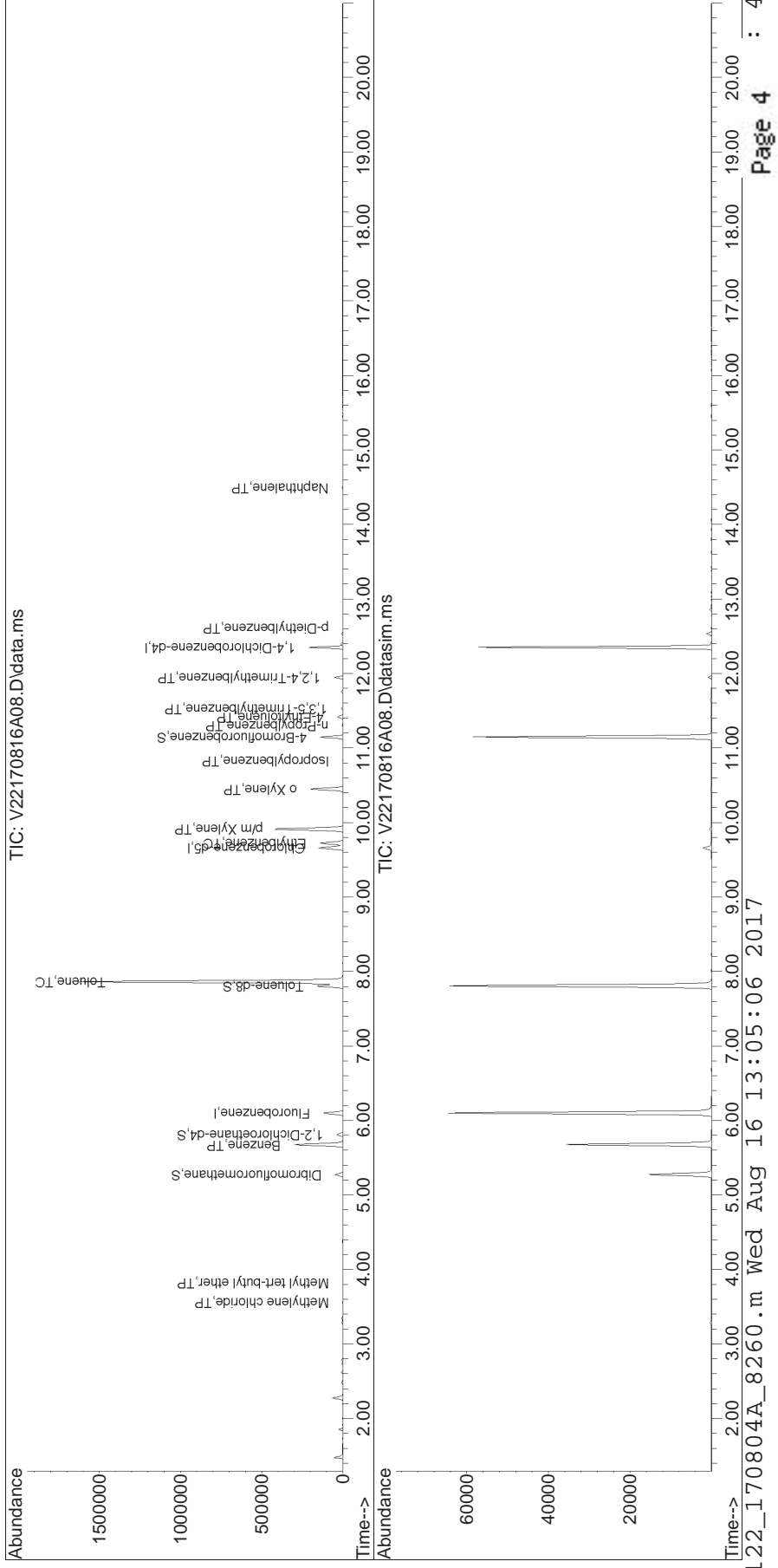
CCAL FILE(s) : 1 - I:\VOLATILES\VOA122\2017\170816A\V22170816A01.D
 Sub List : 8260-NYTCL - Megamix plus Diox

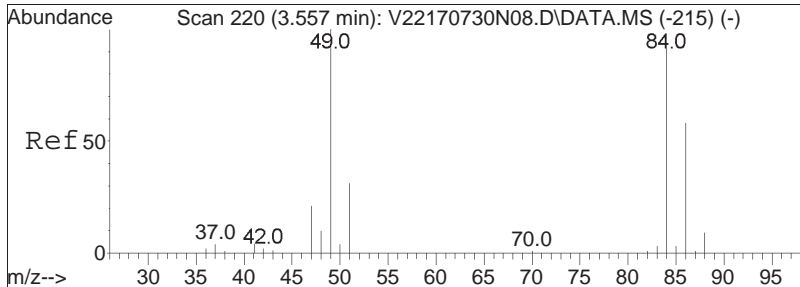
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
101) 1,2,4-Trimethylbenzene	11.944	105	30955	2.270	ug/L	99
102) sec-Butylbenzene	0.000		0	N.D.	d	
103) p-Isopropyltoluene	12.173	119	146	N.D.		
104) 1,3-Dichlorobenzene	0.000		0	N.D.		
105) 1,4-Dichlorobenzene	0.000		0	N.D.		
106) p-Diethylbenzene	12.615	119	1162	0.131	ug/L #	64
107) n-Butylbenzene	12.637	91	73	N.D.		
108) 1,2-Dichlorobenzene	0.000		0	N.D.		
109) 1,2,4,5-Tetramethylben...	13.375	119	580	N.D.		
110) 1,2-Dibromo-3-chloropr...	0.000		0	N.D.		
112) Hexachlorobutadiene	0.000		0	N.D.		
113) 1,2,4-Trichlorobenzene	0.000		0	N.D.		
114) Naphthalene	14.496	128	4472	0.470	ug/L	100
115) 1,2,3-Trichlorobenzene	0.000		0	N.D.		

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

Quantitation Report (QT Reviewed)

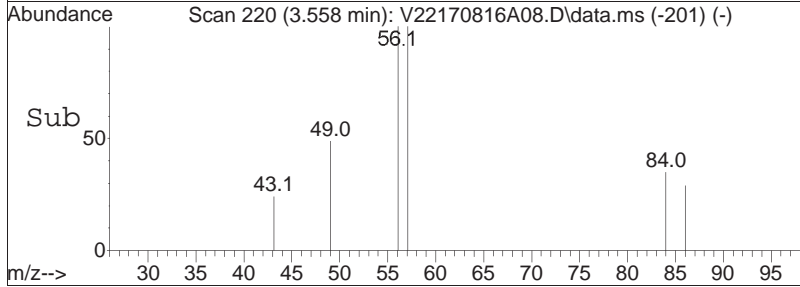
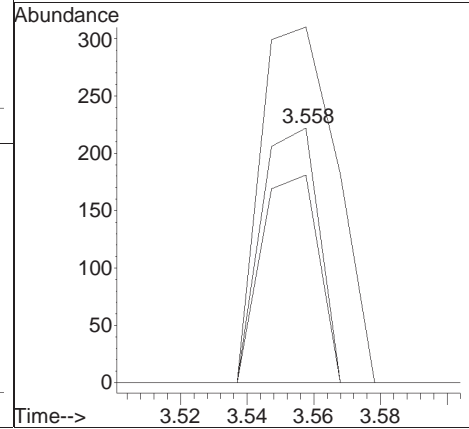
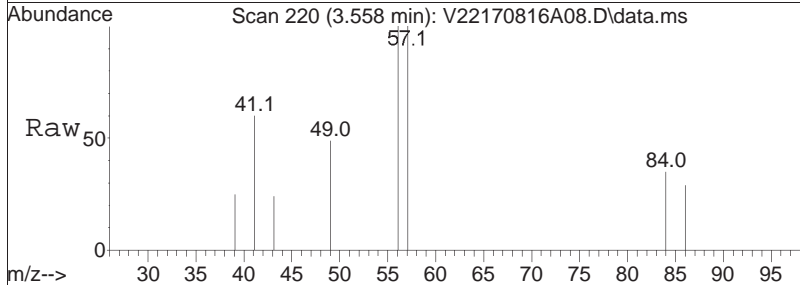
Data Path : I:\VOLATILES\VOA122\2017\170816A\
Data File : V22170816A08.D
Acq On : 16 Aug 2017 11:29 am
Operator : VOA122:PD
Sample : 11728063-02D,31,0.02,10,,a
Misc : WG1032492,ICAL13890 (Sig #1); WG,ICAL13890 (Sig #2)
ALS Vial : 8 Sample Multiplier: 1
Quant Time: Aug 16 12:20:31 2017
Quant Method : I:\VOLATILES\VOA122\2017\170816A\V122_170804A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sat Aug 05 11:45:14 2017
Response via : Initial Calibration
Sub List : 8260-NYTCL - Megamix plus Diox70816A\V22170816A01.D•

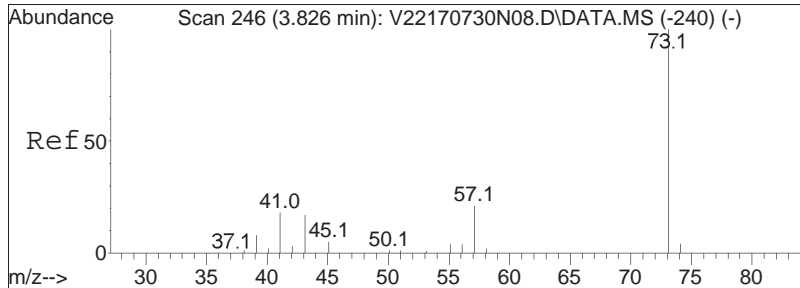




#15
 Methylene chloride
 Concen: 0.08 ug/L
 RT: 3.558 min Scan# 220
 Delta R.T. 0.001 min
 Lab File: V22170816A08.D
 Acq: 16 Aug 2017 11:29 am

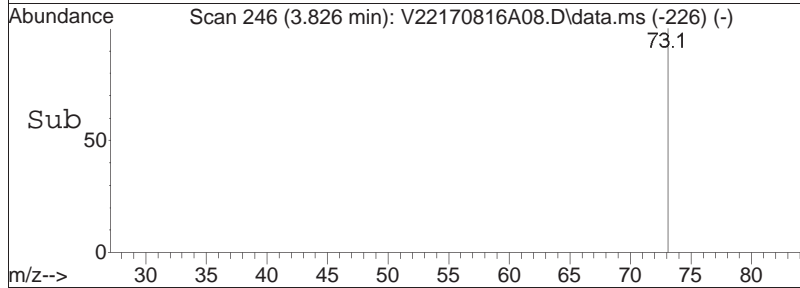
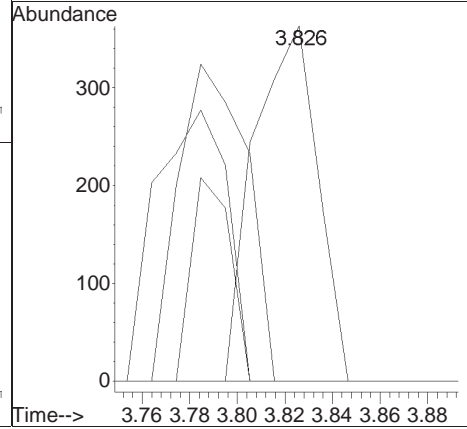
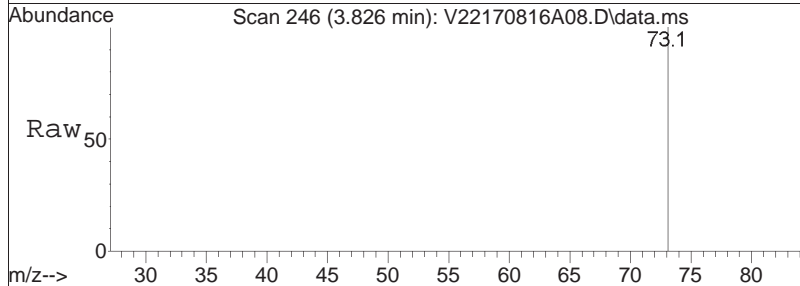
Tgt Ion	84	86	49	Ratio	Lower	Upper	Resp
	100						265
	81.9	41.5					86.3
	184.9	68.8					143.0#

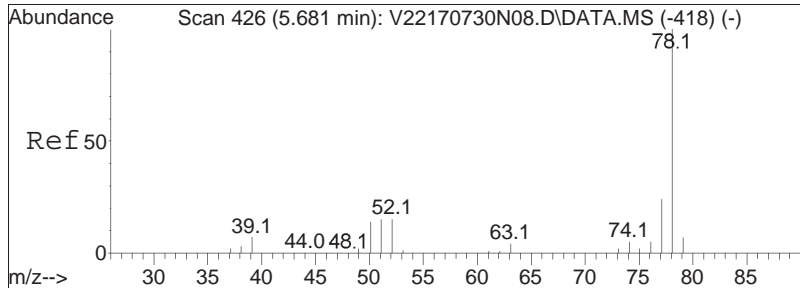




#21
 Methyl tert-butyl ether
 Concen: 0.09 ug/L
 RT: 3.826 min Scan# 246
 Delta R.T. 0.011 min
 Lab File: V22170816A08.D
 Acq: 16 Aug 2017 11:29 am

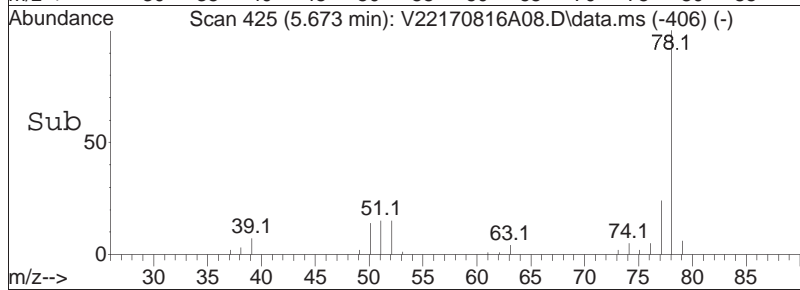
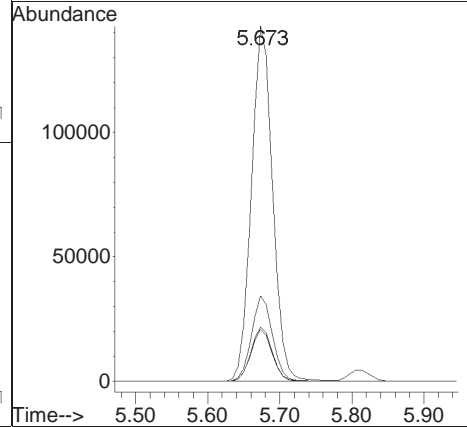
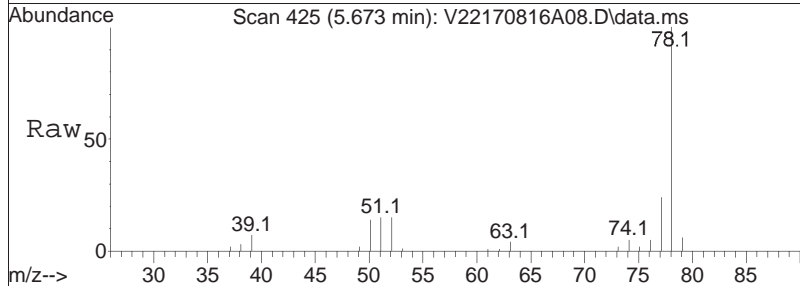
Tgt Ion	Ratio	Lower	Upper
73	100		
57	95.8	13.6	28.2#
43	35.4	12.7	26.5#
41	85.9	11.4	23.8#

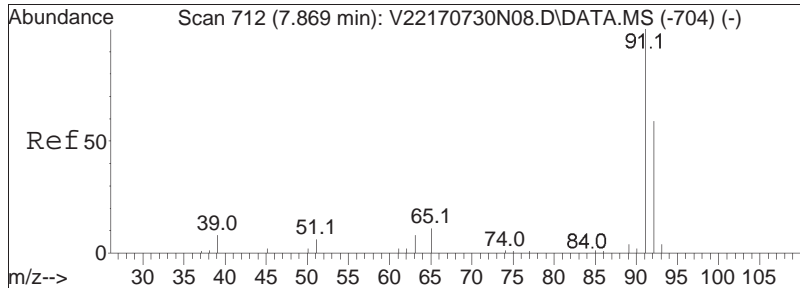




#44
 Benzene
 Concen: 23.92 ug/L
 RT: 5.673 min Scan# 425
 Delta R.T. -0.008 min
 Lab File: V22170816A08.D
 Acq: 16 Aug 2017 11:29 am

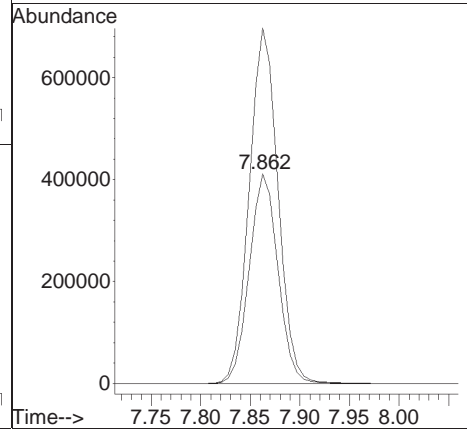
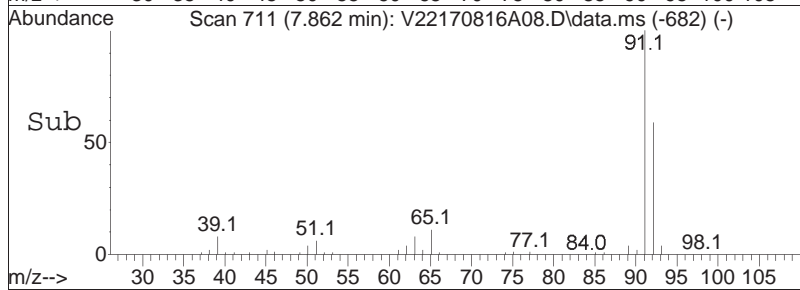
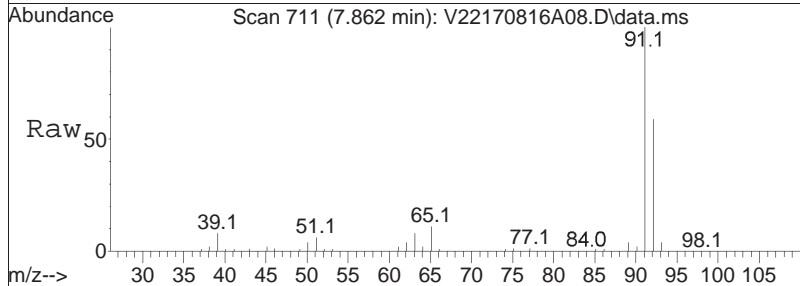
Tgt Ion	Resp	Lower	Upper
78	320123		
77	21.7	15.4	32.0
51	13.9	9.8	20.4
52	13.3	9.2	19.2

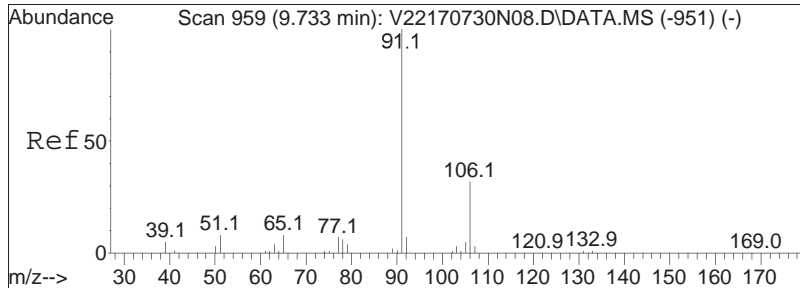




#64
 Toluene
 Concen: 94.25 ug/L
 RT: 7.862 min Scan# 711
 Delta R.T. 0.000 min
 Lab File: V22170816A08.D
 Acq: 16 Aug 2017 11:29 am

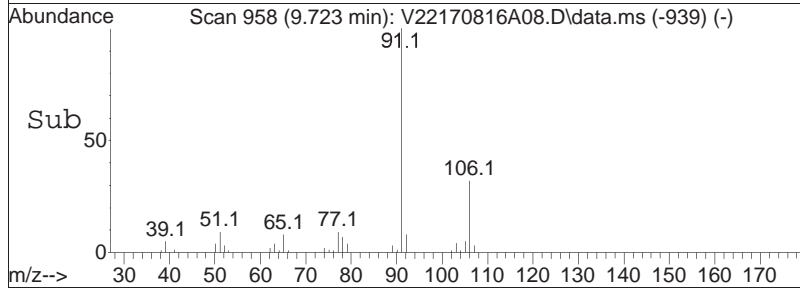
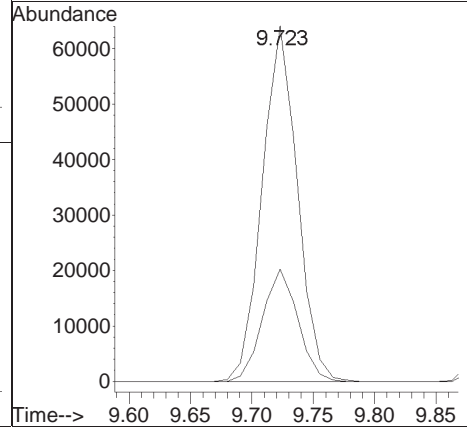
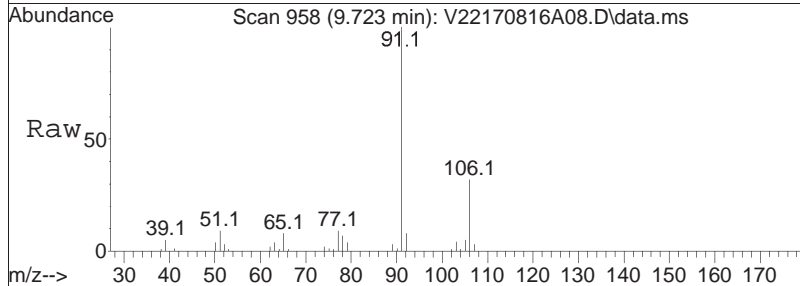
Tgt Ion	Resp	Lower	Upper
92	825634		
91	170.0	137.0	205.6

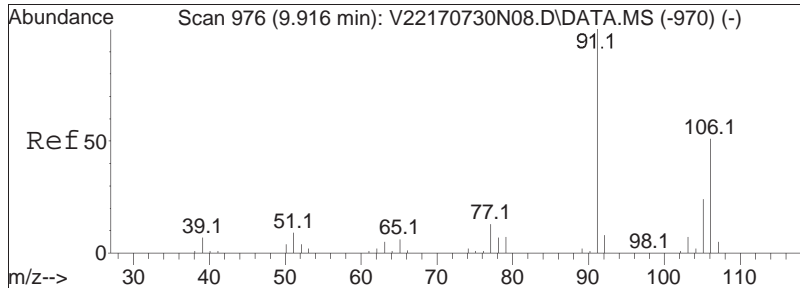




#78
 Ethylbenzene
 Concen: 7.38 ug/L
 RT: 9.723 min Scan# 958
 Delta R.T. -0.000 min
 Lab File: V22170816A08.D
 Acq: 16 Aug 2017 11:29 am

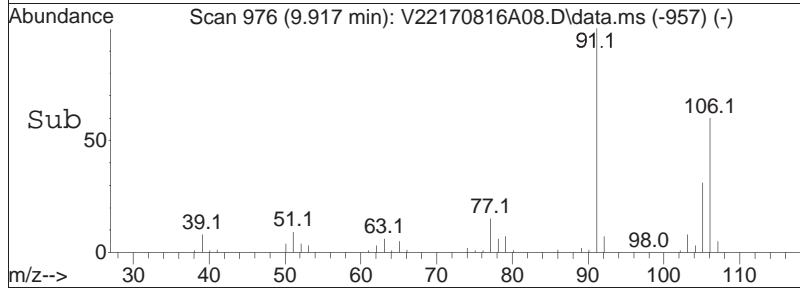
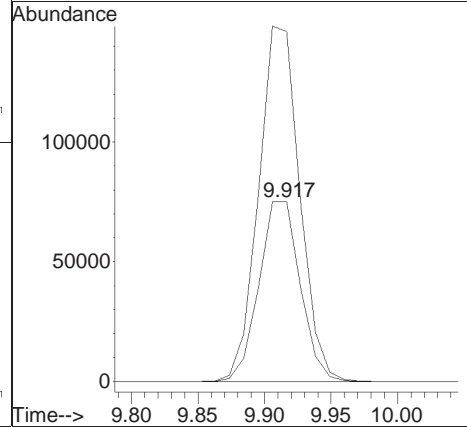
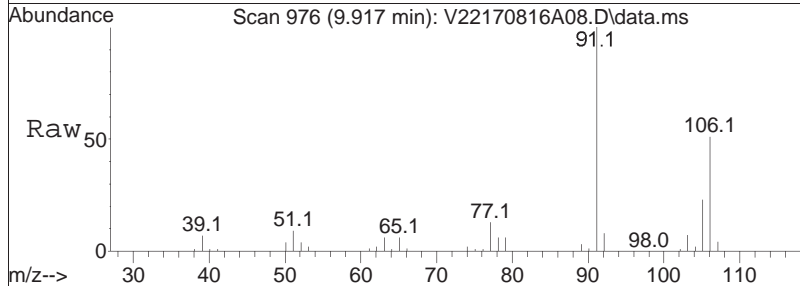
Tgt Ion	Resp	Lower	Upper
91	100		
106	31.8	25.8	38.6

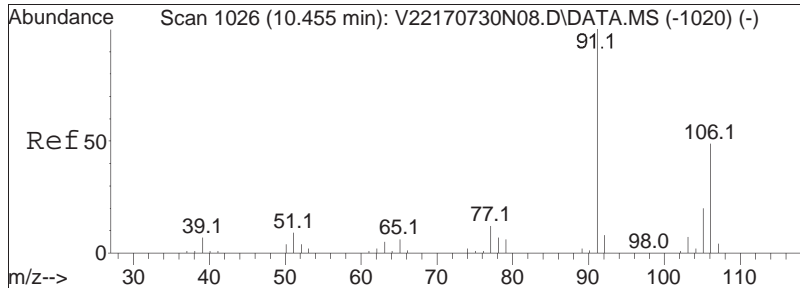




#80
 p/m Xylene
 Concen: 23.47 ug/L
 RT: 9.917 min Scan# 976
 Delta R.T. 0.001 min
 Lab File: V22170816A08.D
 Acq: 16 Aug 2017 11:29 am

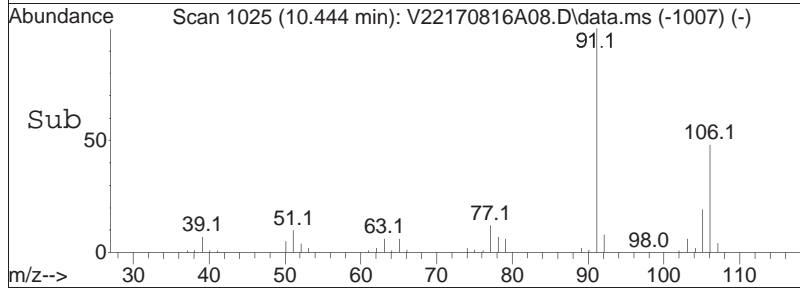
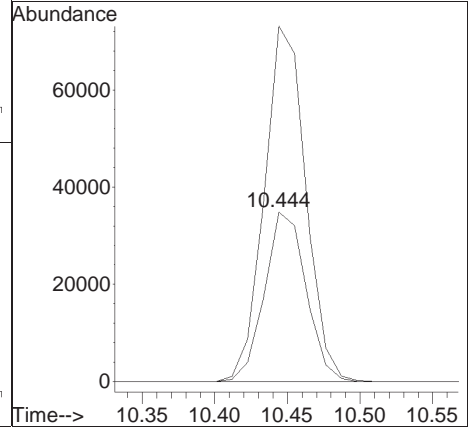
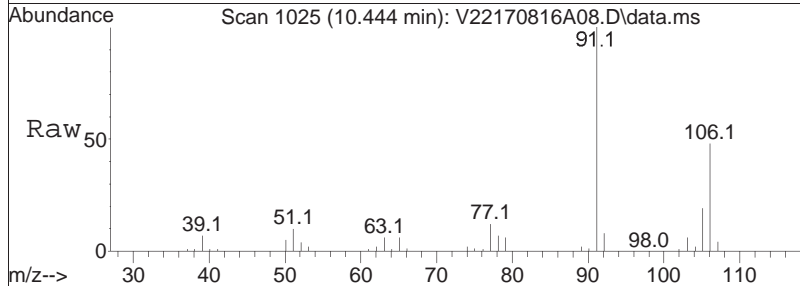
Tgt Ion	Ratio	Lower	Upper
106	100		
91	196.3	156.0	234.0

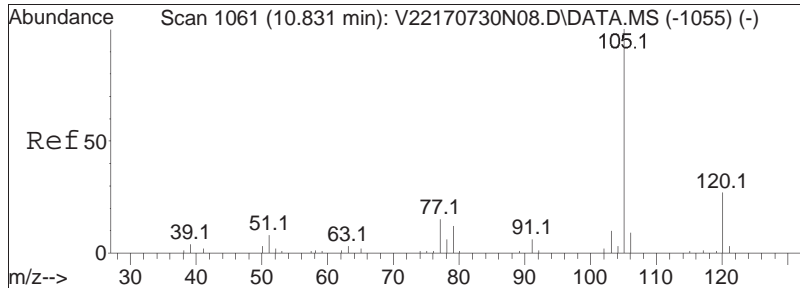




#81
 o Xylene
 Concen: 10.92 ug/L
 RT: 10.444 min Scan# 1025
 Delta R.T. -0.011 min
 Lab File: V22170816A08.D
 Acq: 16 Aug 2017 11:29 am

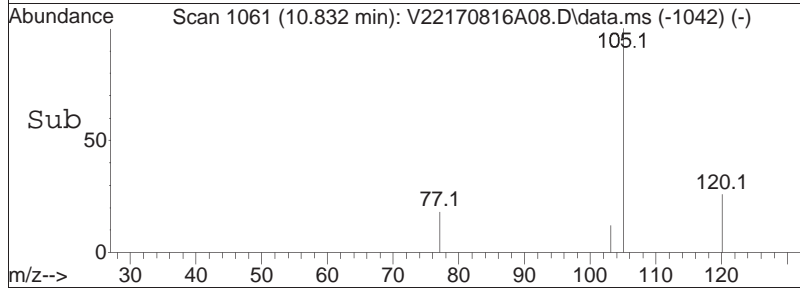
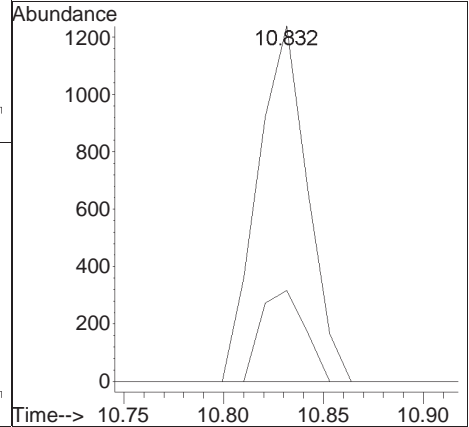
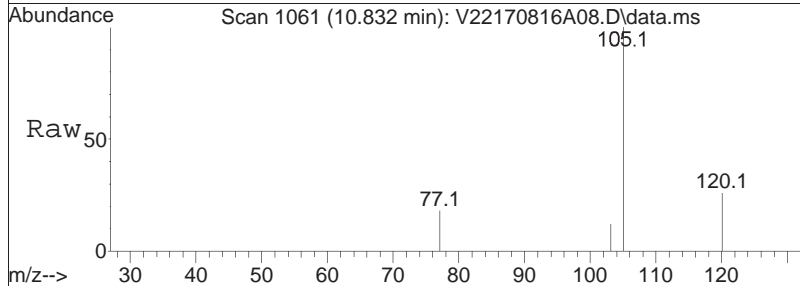
Tgt Ion	Resp	Lower	Upper
106	100		
91	209.6	164.0	246.0

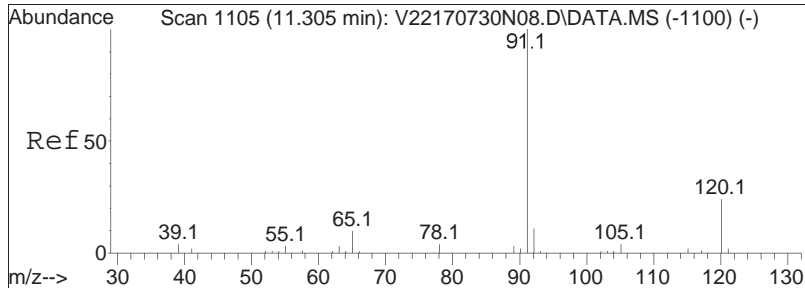




#86
 Isopropylbenzene
 Concen: 0.12 ug/L
 RT: 10.832 min Scan# 1061
 Delta R.T. 0.001 min
 Lab File: V22170816A08.D
 Acq: 16 Aug 2017 11:29 am

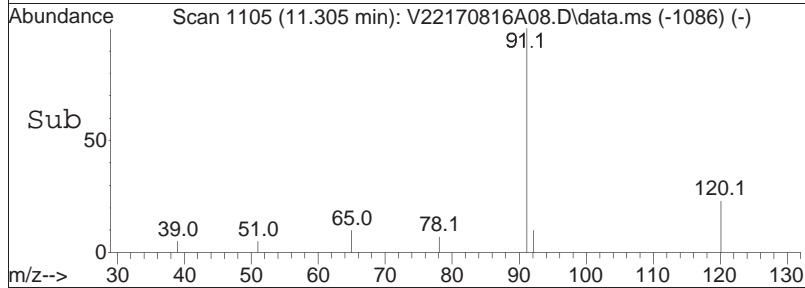
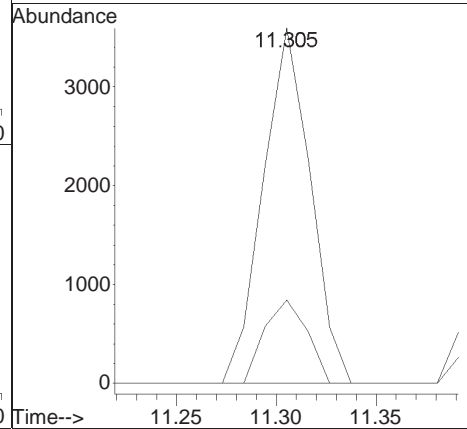
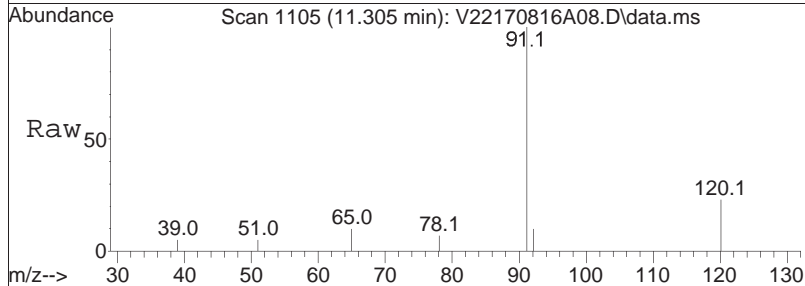
Tgt Ion	Resp	Lower	Upper
105	100		
120	22.6	7.7	47.7

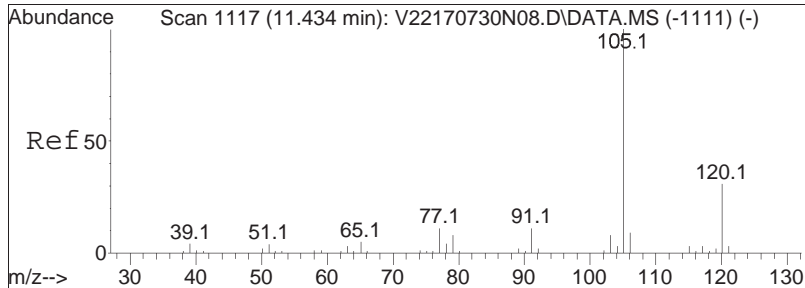




#89
 n-Propylbenzene
 Concen: 0.30 ug/L
 RT: 11.305 min Scan# 1105
 Delta R.T. 0.000 min
 Lab File: V22170816A08.D
 Acq: 16 Aug 2017 11:29 am

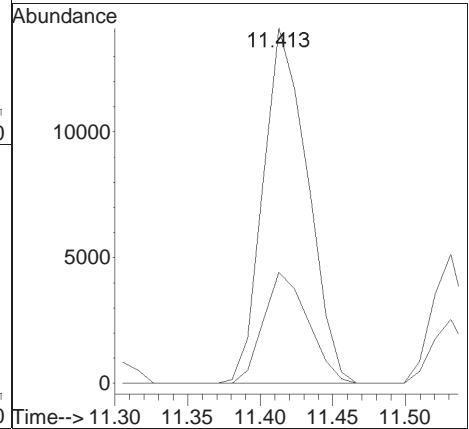
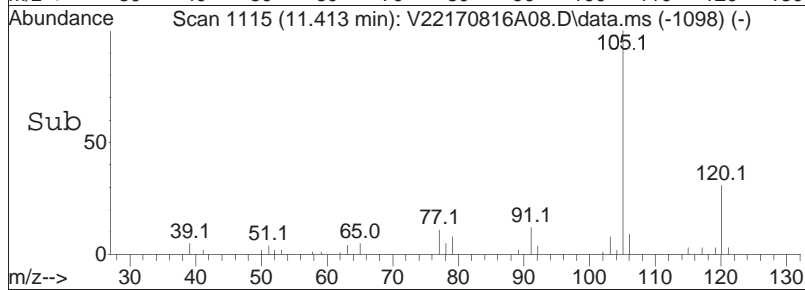
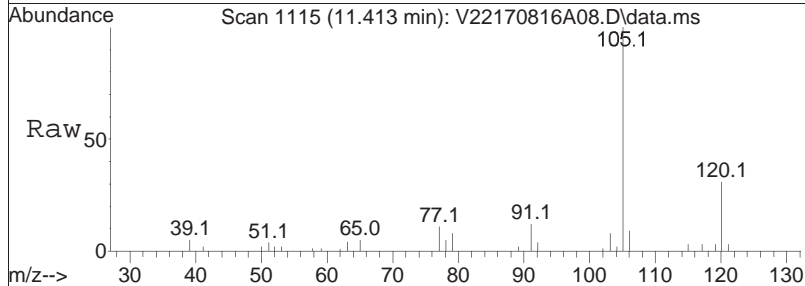
Tgt Ion	Resp	Lower	Upper
91	100		
120	21.1	19.5	29.3

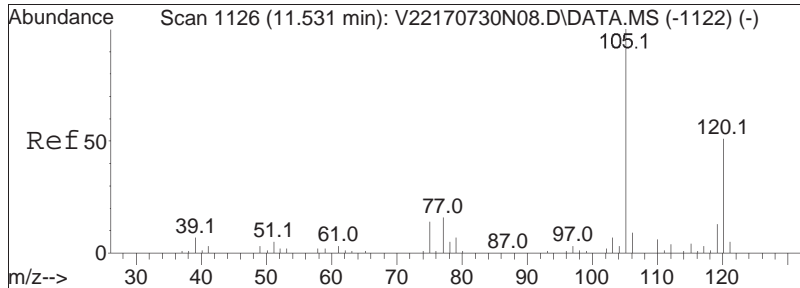




#92
 4-Ethyltoluene
 Concen: 1.89 ug/L
 RT: 11.413 min Scan# 1115
 Delta R.T. -0.021 min
 Lab File: V22170816A08.D
 Acq: 16 Aug 2017 11:29 am

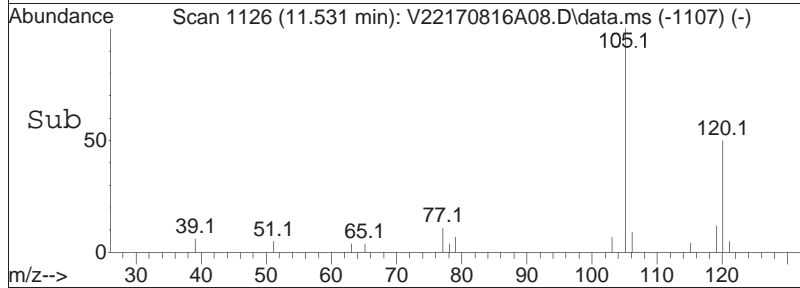
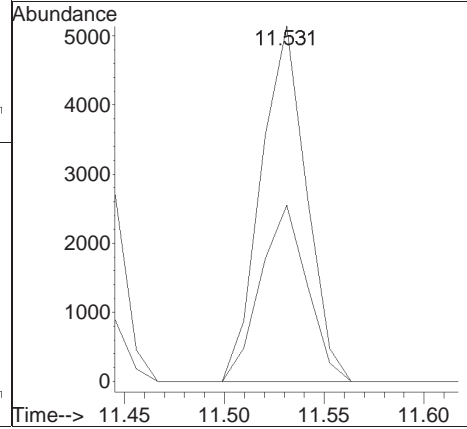
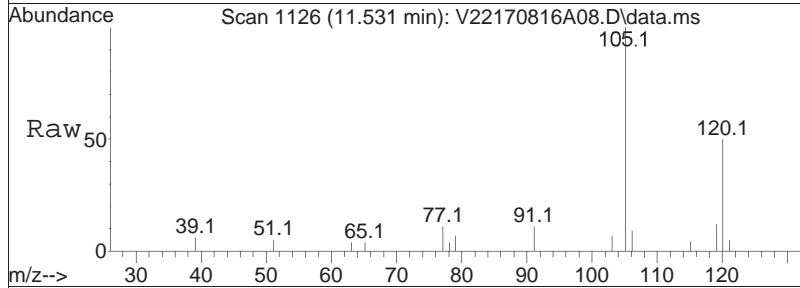
Tgt Ion	Resp	Lower	Upper
105	100		
120	31.3	19.8	41.0

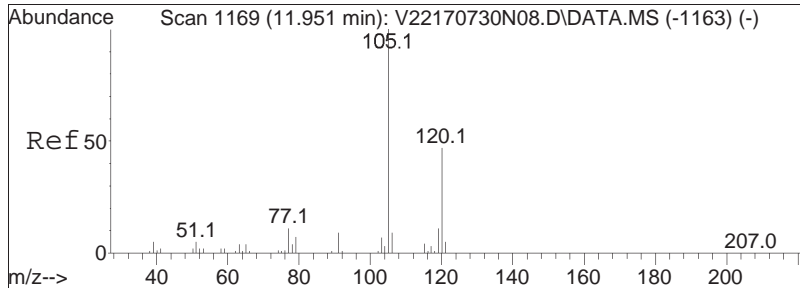




#94
 1,3,5-Trimethylbenzene
 Concen: 0.60 ug/L
 RT: 11.531 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: V22170816A08.D
 Acq: 16 Aug 2017 11:29 am

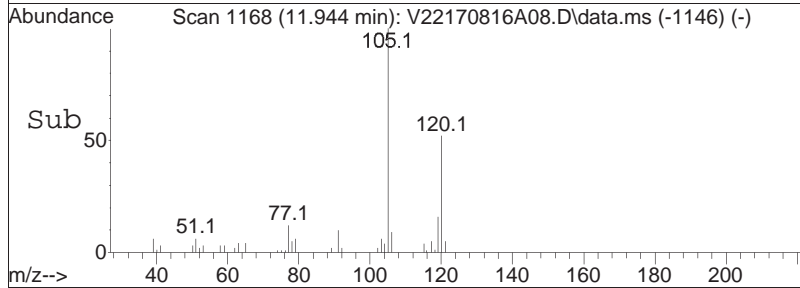
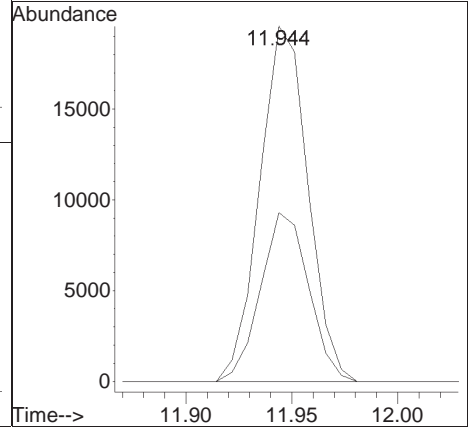
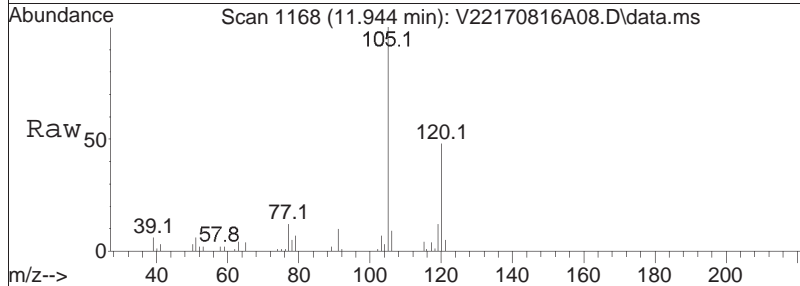
Tgt Ion	Resp	Lower	Upper
105	100		
120	50.8	40.9	61.3

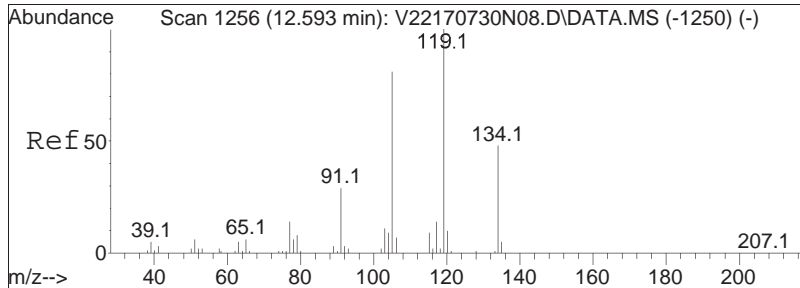




#101
 1,2,4-Trimethylbenzene
 Concen: 2.27 ug/L
 RT: 11.944 min Scan# 1168
 Delta R.T. -0.007 min
 Lab File: V22170816A08.D
 Acq: 16 Aug 2017 11:29 am

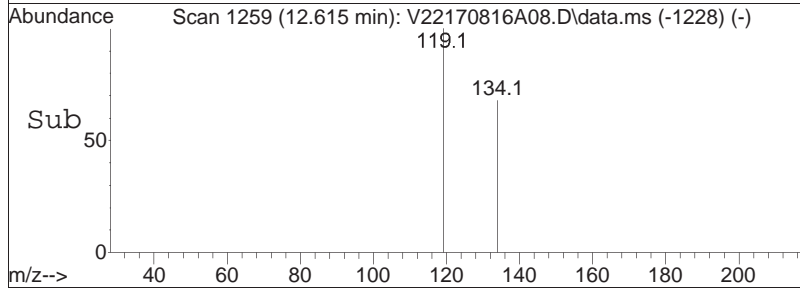
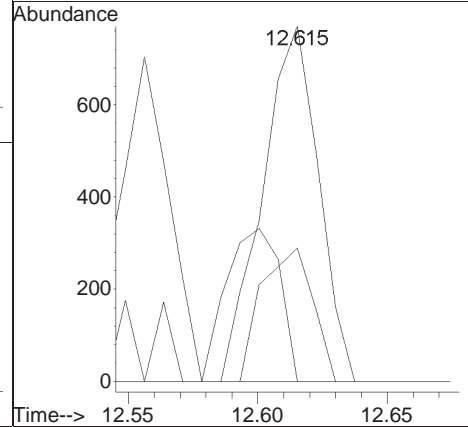
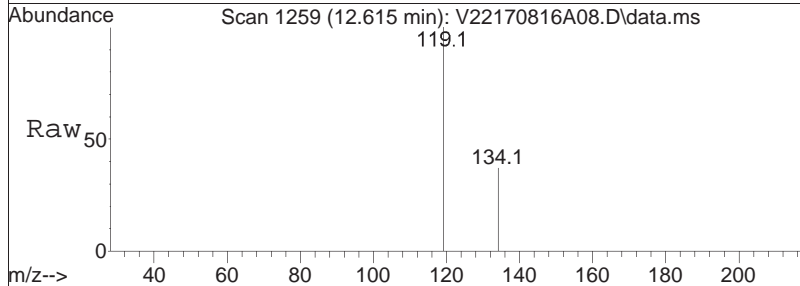
Tgt Ion	Resp	Lower	Upper
105	100		
120	47.4	38.5	57.7

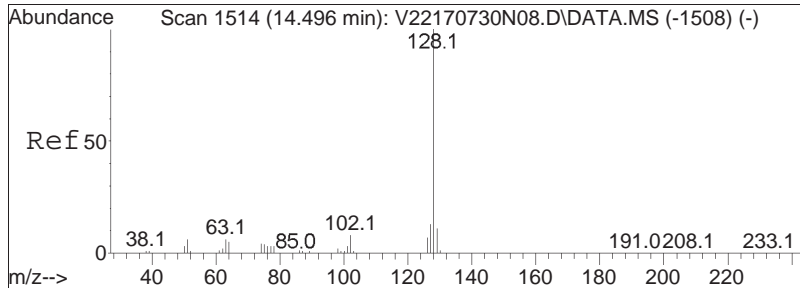




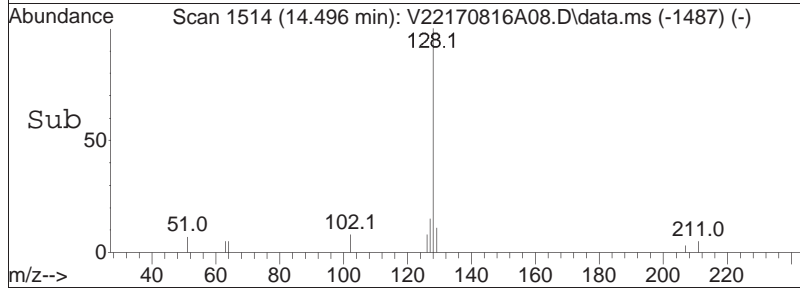
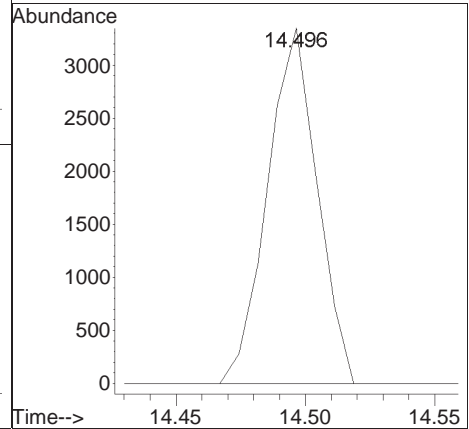
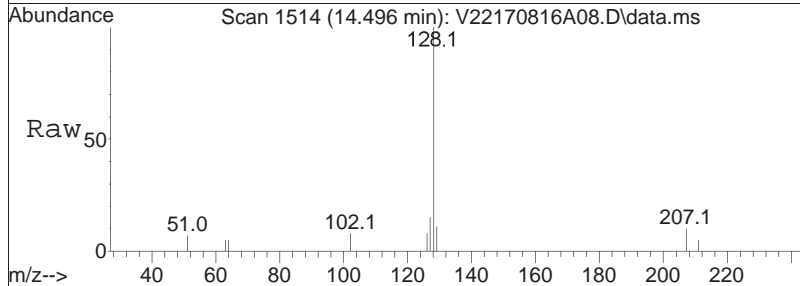
#106
 p-Diethylbenzene
 Concen: 0.13 ug/L
 RT: 12.615 min Scan# 1259
 Delta R.T. 0.029 min
 Lab File: V22170816A08.D
 Acq: 16 Aug 2017 11:29 am

Tgt Ion	Ratio	Lower	Upper
119	100		
105	41.2	53.4	110.8#
134	34.3	30.9	64.1





#114
 Naphthalene
 Concen: 0.47 ug/L
 RT: 14.496 min Scan# 1514
 Delta R.T. 0.000 min
 Lab File: V22170816A08.D
 Acq: 16 Aug 2017 11:29 am
 Tgt Ion:128 Resp: 4472



Manual Integration Report

Data Path : I:\VOLATILES\VOA122\2017\1QMethod : V122_170804A_8260.m
Data File : V22170816A08.D Operator : VOA122:PD
Date Inj'd : 8/16/2017 11:29 am Instrument : VOA122
Sample : 11728063-02D,31,0.02,10,,aQuant Date : 8/16/2017 12:19 pm

There are no manual integrations or false positives in this file.

Volatiles Standards Data

Initial Calibration

Initial Calibration Summary

Form 6

Client	: AEI Consultants	Lab Number	: L1728063
Project Name	: VAZQUEZ	Project Number	: 344060
Instrument ID	: VOA122	Ical Ref	: ICAL13890
Calibration dates	: 08/04/17 20:41 08/05/17 00:48		

Calibration Files

L11 =V22170804A03.D L1 =V22170804A04.D L2 =V22170804A07.D L3 =V22170804A08.D L4 =V22170804A09.D
 L6 =V22170804A10.D L8 =V22170804A11.D L10 =V22170804A12.D

Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
1) I Fluorobenzene	-----ISTD-----									
2) TP Dichlorodifluor		0.143	0.204	0.217	0.217	0.204	0.212	0.205	0.200	12.89
3) TP Chloromethane		0.223	0.252	0.228	0.230	0.221	0.222	0.221	0.228	4.79
4) TC Vinyl chloride	0.224	0.256	0.319	0.301	0.309	0.292	0.297	0.287	0.286	10.88
5) TP Bromomethane		0.172	0.185	0.162	0.181	0.194	0.205	0.211	0.187	9.40
6) TP Chloroethane		0.136	0.181	0.173	0.181	0.174	0.179	0.177	0.172	9.34
7) TP Trichlorofluor		0.302	0.366	0.410	0.427	0.406	0.426	0.416	0.393	11.51
8) TP Ethyl ether		0.108	0.121	0.122	0.128	0.123	0.126	0.128	0.122	5.61
10) TC 1,1-Dichloroet		0.194	0.249	0.242	0.253	0.246	0.258	0.257	0.243	9.16
11) TP Carbon disulfide		0.589	0.703	0.599	0.622	0.598	0.631	0.623	0.624	6.17
12) TP Freon-113		0.149	0.198	0.222	0.231	0.220	0.234	0.231	0.212	14.36
13) TP Iodomethane			0.273	0.293	0.338	0.340	0.343	0.335	0.320	9.27
14) TP Acrolein			0.031	0.035	0.038	0.035	0.036	0.037	0.035#	6.15
15) TP Methylene chlo		0.250	0.274	0.254	0.263	0.254	0.258	0.259	0.259	3.02
17) TP Acetone		0.030	0.034	0.031	0.033	0.030	0.030	0.030	0.031#	5.68
18) TP trans-1,2-Dich		0.243	0.296	0.276	0.290	0.280	0.290	0.288	0.280	6.37
19) TP Methyl acetate		0.069	0.085	0.084	0.088	0.081	0.081	0.080	0.081#	7.44
21) TP Methyl tert butyl ether		0.556	0.615	0.606	0.632	0.594	0.599	0.596	0.600	3.89
22) TP tert-Butyl alc		0.005	0.008	0.008	0.009	0.008	0.008	0.008	0.008#	16.77
24) TP Diisopropyl ether		0.599	0.684	0.652	0.686	0.652	0.651	0.641	0.652	4.48
25) TP 1,1-Dichloroet		0.392	0.484	0.445	0.464	0.443	0.443	0.435	0.444	6.37
26) TP Halothane		0.178	0.219	0.216	0.223	0.215	0.223	0.220	0.214	7.51
27) TP Acrylonitrile		0.026	0.045	0.049	0.051	0.047	0.047	0.047	0.044#	18.29
28) TP Ethyl tert-but		0.606	0.685	0.664	0.692	0.653	0.655	0.650	0.658	4.28
29) TP Vinyl acetate		0.361	0.408	0.411	0.442	0.414	0.413	0.410	0.408	5.85
30) TP cis-1,2-Dichlo		0.272	0.316	0.302	0.313	0.299	0.303	0.301	0.301	4.70
31) TP 2,2-Dichloropr		0.374	0.409	0.389	0.397	0.372	0.377	0.369	0.384	3.84
32) TP Bromochloromet		0.102	0.134	0.131	0.136	0.129	0.128	0.128	0.127	9.06
33) TP Cyclohexane		0.274	0.364	0.392	0.405	0.383	0.399	0.388	0.372	12.18
34) TC Chloroform		0.421	0.501	0.465	0.476	0.454	0.458	0.453	0.461	5.30
35) TP Ethyl acetate		0.118	0.125	0.126	0.135	0.122	0.124	0.121	0.124	4.38
36) TP Carbon tetrachloride	0.225	0.287	0.377	0.393	0.413	0.395	0.413	0.408	0.364	19.09
37) TP Tetrahydrofuran		0.057	0.049	0.046	0.047	0.042	0.042	0.041	0.046#	11.88
38) S Dibromofluoromethane	0.256	0.257	0.257	0.261	0.261	0.259	0.260	0.257	0.258	0.76
39) TP 1,1,1-Trichlor		0.378	0.453	0.440	0.460	0.437	0.452	0.448	0.438	6.33
41) TP 2-Butanone		0.031	0.048	0.049	0.051	0.047	0.047	0.047	0.046#	14.74
42) TP 1,1-Dichloropr		0.310	0.368	0.365	0.381	0.364	0.377	0.369	0.362	6.51
44) TP Benzene	0.955	0.977	1.141	1.049	1.179	1.120	1.127	1.104	1.082	7.43



Initial Calibration Summary

Form 6

Client	: AEI Consultants	Lab Number	: L1728063
Project Name	: VAZQUEZ	Project Number	: 344060
Instrument ID	: VOA122	Ical Ref	: ICAL13890
Calibration dates	: 08/04/17 20:41 08/05/17 00:48		

Calibration Files

L11 =V22170804A03.D L1 =V22170804A04.D L2 =V22170804A07.D L3 =V22170804A08.D L4 =V22170804A09.D
 L6 =V22170804A10.D L8 =V22170804A11.D L10 =V22170804A12.D

Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
45) TP Tertiary-Amyl Methyl Ether		0.572	0.629	0.612	0.637	0.596	0.602	0.601	0.607	3.56
46) S 1,2-Dichloroethane-d4	0.236	0.239	0.240	0.239	0.241	0.240	0.238	0.240	0.239	0.72
47) T 1,2-Dichloroet		0.264	0.298	0.287	0.295	0.275	0.274	0.272	0.281	4.50
50) TP Methyl cyclohe		0.313	0.399	0.433	0.457	0.437	0.463	0.459	0.423	12.61
51) TP Trichloroethene	0.222	0.240	0.301	0.284	0.298	0.288	0.300	0.302	0.279	11.05
53) TP Dibromomethane		0.093	0.112	0.106	0.109	0.101	0.103	0.105	0.104	6.00
54) TC 1,2-Dichloropr		0.211	0.242	0.234	0.244	0.236	0.236	0.238	0.235	4.61
56) TP 2-Chloroethyl		0.102	0.123	0.122	0.127	0.118	0.120	0.121	0.119	6.73
57) TP Bromodichlorom		0.317	0.356	0.344	0.365	0.354	0.357	0.360	0.350	4.62
60) TP 1,4-Dioxane		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000#	10.48
61) TP cis-1,3-Dichlo		0.366	0.411	0.398	0.421	0.407	0.410	0.411	0.403	4.45
62) I Chlorobenzene-d5	-----ISTD-----									
63) S Toluene-d8	1.207	1.228	1.224	1.220	1.195	1.180	1.185	1.178	1.202	1.70
64) TC Toluene		0.757	0.875	0.815	0.834	0.791	0.808	0.809	0.813	4.49
65) TP 4-Methyl-2-pen			0.057	0.060	0.062	0.058	0.060	0.060	0.059#	3.22
66) TP Tetrachloroethene		0.351	0.439	0.426	0.436	0.415	0.435	0.441	0.420	7.61
68) TP trans-1,3-Dich		0.358	0.411	0.412	0.423	0.401	0.403	0.404	0.402	5.15
70) TP Ethyl methacry		0.249	0.271	0.292	0.307	0.290	0.296	0.298	0.286	6.92
71) TP 1,1,2-Trichlor		0.179	0.200	0.196	0.201	0.188	0.189	0.191	0.192	4.06
72) TP Chlorodibromom		0.272	0.297	0.306	0.318	0.306	0.309	0.315	0.303	5.13
73) TP 1,3-Dichloropr		0.380	0.414	0.399	0.404	0.377	0.378	0.378	0.390	3.92
74) TP 1,2-Dibromoethane		0.222	0.238	0.238	0.243	0.252	0.255	0.257	0.244	5.01
76) TP 2-Hexanone		0.068	0.086	0.091	0.096	0.087	0.088	0.089	0.086#	10.26
77) TP Chlorobenzene		0.902	1.009	0.947	0.966	0.923	0.935	0.934	0.945	3.63
78) TC Ethylbenzene		1.480	1.712	1.626	1.651	1.579	1.584	1.547	1.597	4.70
79) TP 1,1,1,2-Tetrac		0.298	0.347	0.336	0.345	0.327	0.329	0.327	0.330	4.93
80) TP p/m Xylene		0.574	0.690	0.648	0.666	0.633	0.640	0.626	0.640	5.65
81) TP o Xylene		0.527	0.612	0.595	0.614	0.587	0.593	0.581	0.587	4.97
82) TP Styrene		0.829	0.952	0.959	1.016	0.978	0.967	0.929	0.947	6.17
83) I 1,4-Dichlorobenzene-d4	-----ISTD-----									
84) TP Bromoform		0.333	0.370	0.378	0.396	0.393	0.406	0.409	0.384	6.87
86) TP Isopropylbenzene		2.911	3.408	3.173	3.180	3.079	3.129	2.987	3.124	5.10
87) S 4-Bromofluorobenzene	0.889	0.878	0.893	0.864	0.844	0.853	0.856	0.834	0.864	2.45
88) TP Bromobenzene		0.744	0.808	0.749	0.752	0.736	0.752	0.751	0.756	3.13
89) TP n-Propylbenzene		3.213	3.867	3.643	3.685	3.556	3.570	3.359	3.556	6.05
90) TP 1,4-Dichlorobu		0.613	0.687	0.651	0.647	0.615	0.612	0.598	0.632	4.92
91) TP 1,1,2,2-Tetrac		0.471	0.493	0.478	0.480	0.446	0.447	0.431	0.464	4.85
92) TP 4-Ethyltoluene		2.639	3.185	2.965	2.965	2.797	2.823	2.683	2.865	6.58



Initial Calibration Summary Form 6

Client	: AEI Consultants	Lab Number	: L1728063
Project Name	: VAZQUEZ	Project Number	: 344060
Instrument ID	: VOA122	Ical Ref	: ICAL13890
Calibration dates	: 08/04/17 20:41 08/05/17 00:48		

Calibration Files

L11 =V22170804A03.D L1 =V22170804A04.D L2 =V22170804A07.D L3 =V22170804A08.D L4 =V22170804A09.D
 L6 =V22170804A10.D L8 =V22170804A11.D L10 =V22170804A12.D

Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
93) TP 2-Chlorotoluene	2.192	2.568	2.345	2.345	2.229	2.232	2.170	2.297	6.00	
94) TP 1,3,5-Trimethy	2.225	2.667	2.504	2.528	2.422	2.441	2.344	2.447	5.76	
95) TP 1,2,3-Trichlor	0.363	0.408	0.381	0.385	0.359	0.358	0.351	0.372	5.41	
96) TP trans-1,4-Dich	0.115	0.120	0.121	0.124	0.116	0.112	0.110	0.117	4.25	
97) TP 4-Chlorotoluene	2.044	2.294	2.120	2.127	2.047	2.042	1.974	2.093	4.92	
98) TP tert-Butylbenzene	2.049	2.437	2.270	2.303	2.218	2.250	2.176	2.243	5.30	
101) TP 1,2,4-Trimethy	2.233	2.686	2.474	2.520	2.437	2.445	2.355	2.450	5.71	
102) TP sec-Butylbenzene	2.864	3.427	3.285	3.323	3.156	3.184	2.992	3.176	6.13	
103) TP p-Isopropyltol	2.398	2.970	2.830	2.889	2.771	2.789	2.647	2.756	6.79	
104) TP 1,3-Dichlorobe	1.359	1.591	1.468	1.490	1.446	1.459	1.434	1.464	4.76	
105) TP 1,4-Dichlorobe	1.363	1.590	1.453	1.447	1.416	1.441	1.414	1.446	4.86	
106) TP p-Diethylbenzene	1.352	1.647	1.625	1.654	1.625	1.667	1.620	1.599	6.88	
107) TP n-Butylbenzene	2.072	2.530	2.480	2.548	2.427	2.463	2.338	2.408	6.80	
108) TP 1,2-Dichlorobe	1.266	1.387	1.303	1.335	1.296	1.314	1.305	1.315	2.88	
109) TP 1,2,4,5-Tetram	2.035	2.467	2.365	2.458	2.409	2.453	2.347	2.362	6.42	
110) TP 1,2-Dibromo-3-	0.047	0.078	0.079	0.084	0.081	0.083	0.085	0.077	17.51	
111) TP 1,3,5-Trichlor	0.939	1.141	1.091	1.135	1.118	1.148	1.137	1.101	6.71	
112) TP Hexachlorobuta	0.368	0.466	0.498	0.518	0.512	0.543	0.545	0.493	12.42	
113) TP 1,2,4-Trichlor	0.844	0.981	0.969	0.984	0.981	1.012	1.007	0.968	5.87	
114) TP Naphthalene	1.580	1.730	1.728	1.779	1.704	1.736	1.716	1.710	3.63	
115) TP 1,2,3-Trichlor	0.808	0.893	0.870	0.887	0.869	0.892	0.884	0.872	3.39	



Response Factor Report VOA122

Method Path : I:\VOLATILES\VOA122\2017\170804A\
 Method File : V122_170804A_8260.m
 Title : VOLATILES BY GC/MS
 Last Update : Sat Aug 05 11:45:14 2017
 Response Via : Initial Calibration

Calibration Files

L11 =V22170804A03.D L1 =V22170804A04.D L2 =V22170804A07.D L3 =V22170804A08.D L4 =V22170804A09.D
 L6 =V22170804A10.D L8 =V22170804A11.D L10 =V22170804A12.D

Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
1) I										
	-----ISTD-----									
2) TP Fluorobenzene	0.143	0.204	0.217	0.217	0.204	0.212	0.205	0.200	12.89	
3) TP Dichlorodifluo...	0.223	0.252	0.228	0.230	0.221	0.222	0.221	0.228	4.79	
4) TC Chloromethane		0.224							10.88	
5) TP Vinyl chloride	0.172	0.185	0.162	0.181	0.194	0.205	0.211	0.187	9.40	
6) TP Bromomethane	0.136	0.181	0.173	0.181	0.174	0.179	0.177	0.172	9.34	
7) TP Chloroethane	0.302	0.366	0.410	0.427	0.406	0.426	0.416	0.393	11.51	
8) TP Trichlorofluor...	0.108	0.121	0.122	0.128	0.123	0.126	0.128	0.122	5.61	
10) TC Ethyl ether	0.194	0.249	0.242	0.253	0.246	0.258	0.257	0.243	9.16	
11) TP 1,1-Dichloroet...	0.589	0.703	0.599	0.622	0.598	0.631	0.623	0.624	6.17	
12) TP Carbon disulfide	0.149	0.198	0.222	0.231	0.220	0.234	0.231	0.212	14.36	
13) TP Freon-113		0.273	0.293	0.338	0.340	0.343	0.335	0.320	9.27	
14) TP Iodomethane		0.031	0.035	0.038	0.035	0.036	0.037	0.035#	6.15	
15) TP Acrolein	0.250	0.274	0.254	0.263	0.254	0.258	0.259	0.259	3.02	
17) TP Methylene chlo...	0.030	0.034	0.031	0.033	0.030	0.030	0.030	0.031#	5.68	
18) TP Acetone	0.243	0.296	0.276	0.290	0.280	0.290	0.288	0.280	6.37	
19) TP trans-1,2-Dich...	0.069	0.085	0.084	0.088	0.081	0.081	0.080	0.081#	7.44	
21) TP Methyl acetate	0.556	0.615	0.606	0.632	0.594	0.599	0.596	0.600	3.89	
22) TP tert-Butyl alc...	0.005	0.008	0.008	0.009	0.008	0.008	0.008	0.008#	16.77	
24) TP Diisopropyl ether	0.599	0.684	0.652	0.686	0.652	0.651	0.641	0.652	4.48	
25) TP 1,1-Dichloroet...	0.392	0.484	0.445	0.464	0.443	0.443	0.435	0.444	6.37	
26) TP Halothane	0.178	0.219	0.216	0.223	0.215	0.223	0.220	0.214	7.51	
27) TP Acrylonitrile	0.026	0.045	0.049	0.051	0.047	0.047	0.047	0.044#	18.29	
28) TP Ethyl tert-but...	0.606	0.685	0.664	0.692	0.653	0.655	0.650	0.658	4.28	
29) TP Vinyl acetate	0.361	0.408	0.411	0.442	0.414	0.413	0.410	0.408	5.85	
30) TP cis-1,2-Dichlo...	0.272	0.316	0.302	0.313	0.299	0.303	0.301	0.301	4.70	
31) TP 2,2-Dichloropr...	0.374	0.409	0.389	0.397	0.372	0.377	0.369	0.384	3.84	
32) TP Bromochloromet...	0.102	0.134	0.131	0.136	0.129	0.128	0.128	0.127	9.06	
33) TP Cyclohexane	0.274	0.364	0.392	0.405	0.383	0.399	0.388	0.372	12.18	
34) TC Chloroform	0.421	0.501	0.465	0.476	0.454	0.458	0.453	0.461	5.30	
35) TP Ethyl acetate	0.118	0.125	0.126	0.135	0.122	0.124	0.121	0.124	4.38	

Response Factor Report VOA122

Method Path : I:\VOLATILES\VOA122\2017\170804A\
 Method File : V122_170804A_8260.m
 Title : VOLATILES BY GC/MS
 Last Update : Sat Aug 05 11:45:14 2017
 Response Via : Initial Calibration

Calibration Files

L11 =V22170804A03.D L1 =V22170804A04.D L2 =V22170804A07.D L3 =V22170804A08.D L4 =V22170804A09.D
 L6 =V22170804A10.D L8 =V22170804A11.D L10 =V22170804A12.D

Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
36) TP Carbon tetrach...	0.225	0.287	0.377	0.393	0.413	0.395	0.413	0.408	0.364	19.09
37) TP Tetrahydrofuran		0.057	0.049	0.046	0.047	0.042	0.042	0.041	0.046#	11.88
38) S Dibromofluorom...	0.256	0.257	0.257	0.261	0.261	0.259	0.260	0.257	0.258	0.76
39) TP 1,1,1-Trichlor...		0.378	0.453	0.440	0.460	0.437	0.452	0.448	0.438	6.33
41) TP 2-Butanone		0.031	0.048	0.049	0.051	0.047	0.047	0.047	0.046#	14.74
42) TP 1,1-Dichloropr...		0.310	0.368	0.365	0.381	0.364	0.377	0.369	0.362	6.51
44) TP Benzene	0.955	0.977	1.141	1.049	1.179	1.120	1.127	1.104	1.082	7.43
45) TP tert-Amyl meth...		0.572	0.629	0.612	0.637	0.596	0.602	0.601	0.607	3.56
46) S 1,2-Dichloroet...	0.236	0.239	0.240	0.239	0.241	0.240	0.238	0.240	0.239	0.72
47) T 1,2-Dichloroet...		0.264	0.298	0.287	0.295	0.275	0.274	0.272	0.281	4.50
50) TP Methyl cyclohe...		0.313	0.399	0.433	0.457	0.437	0.463	0.459	0.423	12.61
51) TP Trichloroethene	0.222	0.240	0.301	0.284	0.298	0.288	0.300	0.302	0.279	11.05
53) TP Dibromomethane		0.093	0.112	0.106	0.109	0.101	0.103	0.105	0.104	6.00
54) TC 1,2-Dichloropr...		0.211	0.242	0.234	0.244	0.236	0.236	0.238	0.235	4.61
56) TP 2-Chloroethyl ...		0.102	0.123	0.122	0.127	0.118	0.120	0.121	0.119	6.73
57) TP Bromodichlorom...		0.317	0.356	0.344	0.365	0.354	0.357	0.360	0.350	4.62
60) TP 1,4-Dioxane		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000#	10.48
61) TP cis-1,3-Dichlo...		0.366	0.411	0.398	0.421	0.407	0.410	0.411	0.403	4.45

-----ISTD-----

62) I Chlorobenzene-d5										
63) S Toluene-d8	1.207	1.228	1.224	1.220	1.195	1.180	1.185	1.178	1.202	1.70
64) TC Toluene		0.757	0.875	0.815	0.834	0.791	0.808	0.809	0.813	4.49
65) TP 4-Methyl-2-pen...			0.057	0.060	0.062	0.058	0.060	0.060	0.059#	3.22
66) TP Tetrachloroethene		0.351	0.439	0.426	0.436	0.415	0.435	0.441	0.420	7.61
68) TP trans-1,3-Dich...		0.358	0.411	0.412	0.423	0.401	0.403	0.404	0.402	5.15
70) TP Ethyl methacry...		0.249	0.271	0.292	0.307	0.290	0.296	0.298	0.286	6.92
71) TP 1,1,2-Trichlor...		0.179	0.200	0.196	0.201	0.188	0.189	0.191	0.192	4.06
72) TP Chlorodibromom...		0.272	0.297	0.306	0.318	0.306	0.309	0.315	0.303	5.13
73) TP 1,3-Dichloropr...		0.380	0.414	0.399	0.404	0.377	0.378	0.378	0.390	3.92
74) TP 1,2-Dibromoethane		0.222	0.238	0.238	0.243	0.252	0.255	0.257	0.244	5.01
76) TP 2-Hexanone		0.068	0.086	0.091	0.096	0.087	0.088	0.089	0.086#	10.26
77) TP Chlorobenzene		0.902	1.009	0.947	0.966	0.923	0.935	0.934	0.945	3.63

Response Factor Report VOA122

Method Path : I:\VOLATILES\VOA122\2017\170804A\
 Method File : V122_170804A_8260.m
 Title : VOLATILES BY GC/MS
 Last Update : Sat Aug 05 11:45:14 2017
 Response Via : Initial Calibration

Calibration Files

L11 =V22170804A03.D L1 =V22170804A04.D L2 =V22170804A07.D L3 =V22170804A08.D L4 =V22170804A09.D
 L6 =V22170804A10.D L8 =V22170804A11.D L10 =V22170804A12.D

Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
78) TC Ethylbenzene	1.480	1.712	1.626	1.651	1.579	1.584	1.547	1.597	4.70	
79) TP 1,1,1,2-Tetrac...	0.298	0.347	0.336	0.345	0.327	0.329	0.327	0.330	4.93	
80) TP p/m Xylene	0.574	0.690	0.648	0.666	0.633	0.640	0.626	0.640	5.65	
81) TP o Xylene	0.527	0.612	0.595	0.614	0.587	0.593	0.581	0.587	4.97	
82) TP Styrene	0.829	0.952	0.959	1.016	0.978	0.967	0.929	0.947	6.17	
-----ISTD-----										
83) I 1,4-Dichlorobenzene-d4	0.333	0.370	0.378	0.396	0.393	0.406	0.409	0.384	6.87	
84) TP Bromoform	2.911	3.408	3.173	3.180	3.079	3.129	2.987	3.124	5.10	
86) TP Isopropylbenzene	0.889	0.878	0.893	0.864	0.844	0.853	0.834	0.864	2.45	
87) S 4-Bromofluorob...	0.744	0.808	0.749	0.752	0.736	0.752	0.751	0.756	3.13	
88) TP Bromobenzene	3.213	3.867	3.643	3.685	3.556	3.570	3.359	3.556	6.05	
89) TP n-Propylbenzene	0.613	0.687	0.651	0.647	0.615	0.612	0.598	0.632	4.92	
90) TP 1,4-Dichlorobu...	0.471	0.493	0.478	0.480	0.446	0.447	0.431	0.464	4.85	
91) TP 1,1,2,2-Tetrac...	2.639	3.185	2.965	2.965	2.797	2.823	2.683	2.865	6.58	
92) TP 4-Ethyltoluene	2.192	2.568	2.345	2.345	2.229	2.232	2.170	2.297	6.00	
93) TP 2-Chlorotoluene	2.225	2.667	2.504	2.528	2.422	2.441	2.344	2.447	5.76	
94) TP 1,3,5-Trimethy...	0.363	0.408	0.381	0.385	0.359	0.358	0.351	0.372	5.41	
95) TP 1,2,3-Trichlor...	0.115	0.120	0.121	0.124	0.116	0.112	0.110	0.117	4.25	
96) TP trans-1,4-Dich...	2.044	2.294	2.120	2.127	2.047	2.042	1.974	2.093	4.92	
97) TP 4-Chlorotoluene	2.049	2.437	2.270	2.303	2.218	2.250	2.176	2.243	5.30	
98) TP tert-Butylbenzene	2.233	2.686	2.474	2.520	2.437	2.445	2.355	2.450	5.71	
101) TP 1,2,4-Trimethy...	2.864	3.427	3.285	3.323	3.156	3.184	2.992	3.176	6.13	
102) TP sec-Butylbenzene	2.398	2.970	2.830	2.889	2.771	2.789	2.647	2.756	6.79	
103) TP p-Isopropyltol...	1.359	1.591	1.468	1.490	1.446	1.459	1.434	1.464	4.76	
104) TP 1,3-Dichlorobe...	1.363	1.590	1.453	1.447	1.416	1.441	1.414	1.446	4.86	
105) TP 1,4-Dichlorobe...	1.352	1.647	1.625	1.654	1.625	1.667	1.620	1.599	6.88	
106) TP p-Diethylbenzene	2.072	2.530	2.480	2.548	2.427	2.463	2.338	2.408	6.80	
107) TP n-Butylbenzene	1.266	1.387	1.303	1.335	1.296	1.314	1.305	1.315	2.88	
108) TP 1,2-Dichlorobe...	2.035	2.467	2.365	2.458	2.409	2.453	2.347	2.362	6.42	
109) TP 1,2,4,5-Tetram...	0.047	0.078	0.079	0.084	0.081	0.083	0.085	0.077	17.51	
110) TP 1,2-Dibromo-3-...	0.939	1.141	1.091	1.135	1.118	1.148	1.137	1.101	6.71	
111) TP 1,3,5-Trichlor...										

Response Factor Report VOA122

Method Path : I:\VOLATILES\VOA122\2017\170804A\
 Method File : V122_170804A_8260.m
 Title : VOLATILES BY GC/MS
 Last Update : Sat Aug 05 11:45:14 2017
 Response Via : Initial Calibration

Calibration Files
 L11 =V22170804A03.D L1 =V22170804A04.D L2 =V22170804A07.D L3 =V22170804A08.D L4 =V22170804A09.D
 L6 =V22170804A10.D L8 =V22170804A11.D L10 =V22170804A12.D

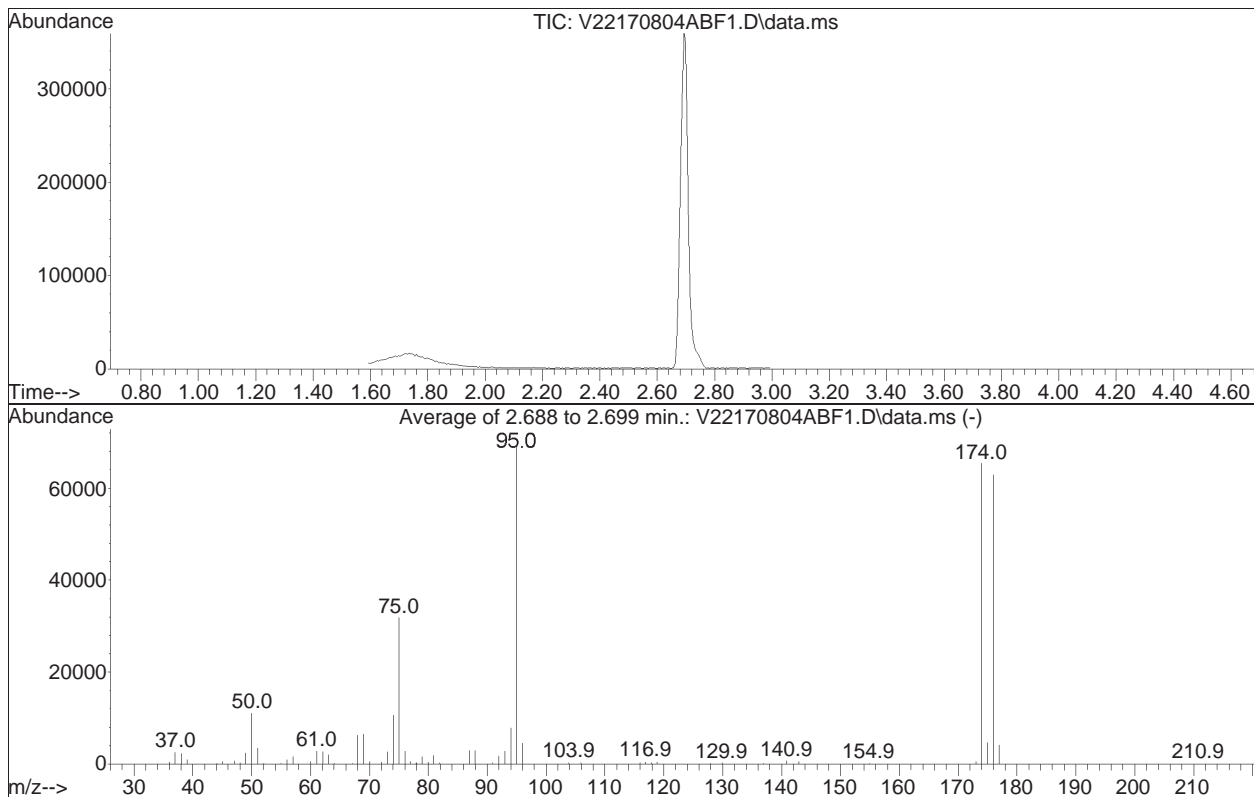
Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
112) TP Hexachlorobuta...	0.368	0.466	0.498	0.518	0.512	0.543	0.545	0.493	12.42	
113) TP 1,2,4-Trichlor...	0.844	0.981	0.969	0.984	0.981	1.012	1.007	0.968	5.87	
114) TP Naphthalene	1.580	1.730	1.728	1.779	1.704	1.736	1.716	1.710	3.63	
115) TP 1,2,3-Trichlor...	0.808	0.893	0.870	0.887	0.869	0.892	0.884	0.872	3.39	

(#) = Out of Range

Data Path : I:\VOLATILES\VOA122\2017\170804A\
 Data File : V22170804ABF1.D
 Acq On : 04 Aug 2017 19:28
 Operator : VOA122:MAB
 Sample : WG1029271-1
 Misc : WG1029271,ICAL
 ALS Vial : 1 Sample Multiplier: 1

Integration File: rteint.p

Method : I:\VOLATILES\VOA122\2017\170804A\V122_170804A_8260.m
 Title : VOLATILES BY GC/MS
 Last Update : Sat Aug 05 11:45:14 2017



AutoFind: Scans 210, 211, 212; Background Corrected with Scan 201

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	15.8	10999	PASS
75	95	30	60	45.8	31813	PASS
95	95	100	100	100.0	69472	PASS
96	95	5	9	6.5	4531	PASS
173	174	0.00	2	0.9	565	PASS
174	95	50	100	94.1	65379	PASS
175	174	5	9	7.2	4693	PASS
176	174	95	101	96.3	62952	PASS
177	176	5	9	6.6	4161	PASS

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA122\2017\170804A\
 Data File : V22170804A03.D
 Acq On : 04 Aug 2017 20:41
 Operator : VOA122:MAB
 Sample : ISTD11
 Misc : WG1029271,ICAL
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 05 11:25:16 2017
 Quant Method : I:\VOLATILES\VOA122\2017\170804A\V122_170804A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sat Aug 05 11:24:55 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA122\2017\170804A\V22170804A08.D
 Sub List : 8260-L11 - Level 11 for 8260-LRR product

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	

Internal Standards							
1) Fluorobenzene	6.101	96	172318	10.000	ug/L	0.00	
Standard Area 1 = 168241			Recovery = 102.42%				
62) Chlorobenzene-d5	9.658	117	143376	10.000	ug/L	0.00	
Standard Area 1 = 139995			Recovery = 102.42%				
83) 1,4-Dichlorobenzene-d4	12.349	152	72629	10.000	ug/L	0.00	
Standard Area 1 = 75642			Recovery = 96.02%				
System Monitoring Compounds							
38) Dibromofluoromethane	5.270	113	44090	9.819	ug/L	0.00	
Spiked Amount 10.000	Range 70 - 130		Recovery = 98.19%				
46) 1,2-Dichloroethane-d4	5.813	65	40623	9.845	ug/L	0.00	
Spiked Amount 10.000	Range 70 - 130		Recovery = 98.45%				
63) Toluene-d8	7.807	98	172990	9.886	ug/L	0.00	
Spiked Amount 10.000	Range 70 - 130		Recovery = 98.86%				
87) 4-Bromofluorobenzene	11.143	95	64594	10.289	ug/L	0.00	
Spiked Amount 10.000	Range 70 - 130		Recovery = 102.89%				
Target Compounds							
							Qvalue
4) Vinyl chloride	1.896	62	771	0.149	ug/L		93
36) Carbon tetrachloride	5.239	117	777	0.115	ug/L #		72
44) Benzene	5.673	78	3290	0.182	ug/L #		86
51) Trichloroethene	6.264	95	766	0.157	ug/L		88

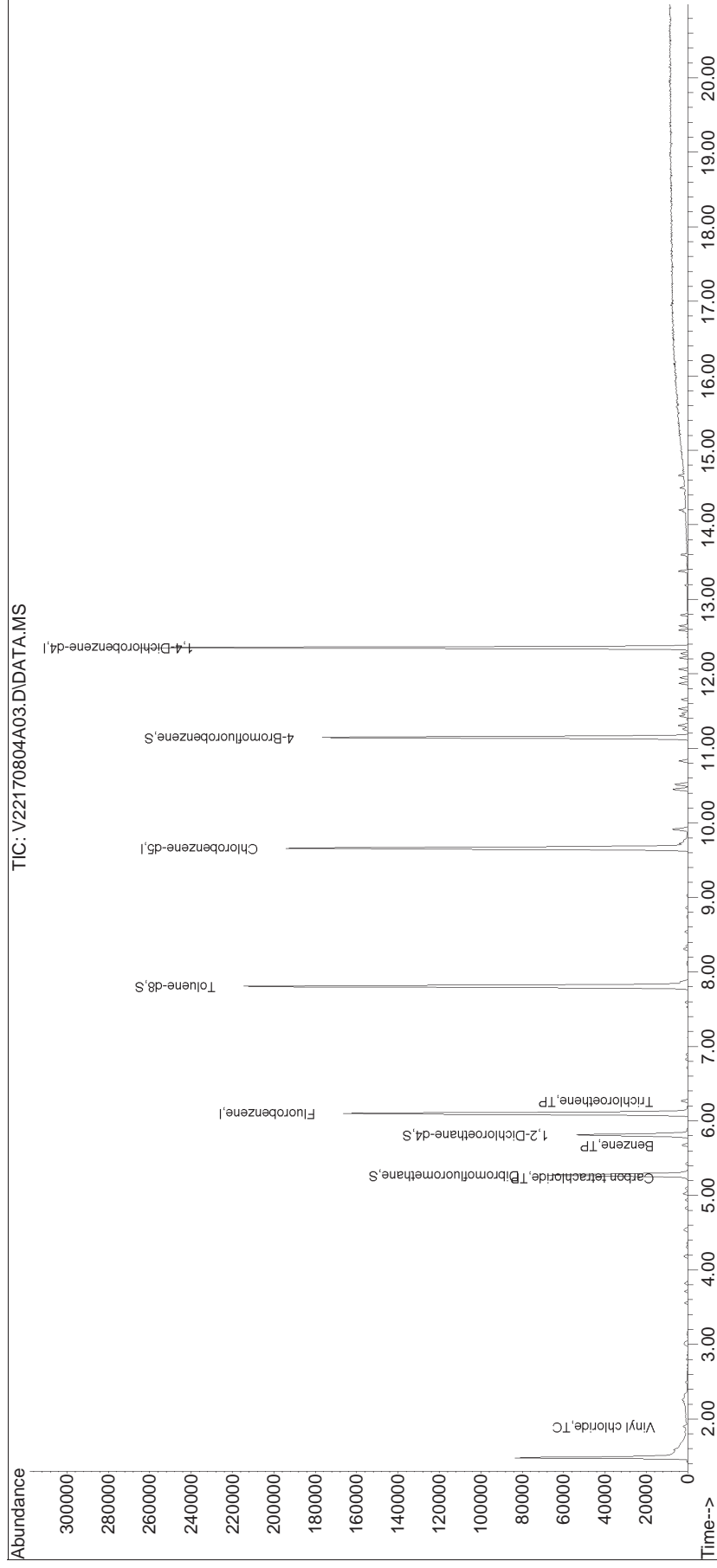
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA122\2017\170804A\
Data File : V22170804A03.D
Acq On : 04 Aug 2017 20:41
Operator : VOA122:MAB
Sample : ISTD11
Misc : WG1029271,ICAL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 05 11:25:16 2017
Quant Method : I:\VOLATILES\VOA122\2017\170804A\V122_170804A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sat Aug 05 11:24:55 2017
Response via : Initial Calibration

Sub List : 8260-L11 - Level 11 for 8260-I RR product170804A08.D•



Manual Integration Report

Data Path : I:\VOLATILES\VOA122\2017\1QMethod : V122_170804A_8260.m
Data File : V22170804A03.D Operator : VOA122:MAB
Date Inj'd : 8/4/2017 20:41 Instrument : VOA122
Sample : ISTD11 Quant Date : 8/5/2017 11:25 am

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA122\2017\170804A\
 Data File : V22170804A04.D
 Acq On : 04 Aug 2017 21:08
 Operator : VOA122:MAB
 Sample : ISTD1
 Misc : WG1029271,ICAL
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 05 11:34:45 2017
 Quant Method : I:\VOLATILES\VOA122\2017\170804A\V122_170804A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sat Aug 05 11:24:55 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA122\2017\170804A\V22170804A08.D
 Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Fluorobenzene	6.101	96	165877	10.000	ug/L	0.00
Standard Area 1 = 168241			Recovery =	98.59%		
62) Chlorobenzene-d5	9.658	117	137017	10.000	ug/L	0.00
Standard Area 1 = 139995			Recovery =	97.87%		
83) 1,4-Dichlorobenzene-d4	12.350	152	71719	10.000	ug/L	0.00
Standard Area 1 = 75642			Recovery =	94.81%		
System Monitoring Compounds						
38) Dibromofluoromethane	5.270	113	42648	9.867	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	98.67%		
46) 1,2-Dichloroethane-d4	5.813	65	39693	9.993	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	99.93%		
63) Toluene-d8	7.807	98	168210	10.059	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	100.59%		
87) 4-Bromofluorobenzene	11.144	95	62946	10.154	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	101.54%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.628	85	1187	0.330	ug/L	# 84
3) Chloromethane	1.824	50	1853	0.490	ug/L	91
4) Vinyl chloride	1.896	62	2124	0.426	ug/L	84
5) Bromomethane	2.227	94	1425	0.531	ug/L	97
6) Chloroethane	2.350	64	1129	0.393	ug/L	99
7) Trichlorofluoromethane	2.495	101	2501	0.367	ug/L	99
8) Ethyl ether	2.804	74	896	11.591	ug/L	# 1
10) 1,1-Dichloroethene	2.990	96	1611	0.401	ug/L	91
11) Carbon disulfide	3.021	76	4881	0.491	ug/L	97
12) Freon-113	3.042	101	1234	0.335	ug/L	93
13) Iodomethane	3.135	142	1676	0.345	ug/L	# 84
14) Acrolein	3.331	56	97	0.167	ug/L	# 62
15) Methylene chloride	3.558	84	2070	0.490	ug/L	97
17) Acetone	3.619	43	245	0.479	ug/L	# 46
18) trans-1,2-Dichloroethene	3.712	96	2015	0.440	ug/L	98
19) Methyl acetate	3.733	43	576	0.412	ug/L	# 50
21) Methyl tert-butyl ether	3.826	73	4615	0.459	ug/L	96
22) tert-Butyl alcohol	3.898	59	208	1.483	ug/L	# 59
24) Diisopropyl ether	4.177	45	4972	0.460	ug/L	97
25) 1,1-Dichloroethane	4.311	63	3249	0.440	ug/L	93
26) Halothane	4.362	117	1475	0.412	ug/L	# 76

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA122\2017\170804A\
 Data File : V22170804A04.D
 Acq On : 04 Aug 2017 21:08
 Operator : VOA122:MAB
 Sample : ISTD1
 Misc : WG1029271,ICAL
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 05 11:34:45 2017
 Quant Method : I:\VOLATILES\VOA122\2017\170804A\V122_170804A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sat Aug 05 11:24:55 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA122\2017\170804A\V22170804A08.D
 Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) Acrylonitrile	4.362	53	219	0.272	ug/L #	43
28) Ethyl tert-butyl ether	4.538	59	5024	0.456	ug/L	98
29) Vinyl acetate	4.548	43	2995	0.439	ug/L #	81
30) cis-1,2-Dichloroethene	4.827	96	2257	0.450	ug/L	94
31) 2,2-Dichloropropane	4.940	77	3104	0.481	ug/L	100
32) Bromochloromethane	5.023	128	842	0.389	ug/L #	79
33) Cyclohexane	5.023	56	2270	0.349	ug/L	99
34) Chloroform	5.095	83	3490	0.453	ug/L #	96
35) Ethyl acetate	5.219	43	976	0.467	ug/L #	65
36) Carbon tetrachloride	5.229	117	2380	0.365	ug/L #	92
37) Tetrahydrofuran	5.270	42	472	0.625	ug/L #	77
39) 1,1,1-Trichloroethane	5.301	97	3133	0.429	ug/L #	97
41) 2-Butanone	5.404	43	256	0.317	ug/L #	22
42) 1,1-Dichloropropene	5.425	75	2574	0.425	ug/L	93
44) Benzene	5.673	78	8107	0.466	ug/L	99
45) tert-Amyl methyl ether	5.798	73	4746	0.468	ug/L	96
47) 1,2-Dichloroethane	5.883	62	2193	0.461	ug/L #	93
50) Methyl cyclohexane	6.265	83	2595	0.361	ug/L	99
51) Trichloroethene	6.272	95	1991	0.423	ug/L	98
53) Dibromomethane	6.716	93	770	0.439	ug/L	86
54) 1,2-Dichloropropane	6.825	63	1754	0.451	ug/L	96
56) 2-Chloroethyl vinyl ether	7.529	63	847	0.418	ug/L #	89
57) Bromodichloromethane	6.887	83	2628	0.461	ug/L #	92
60) 1,4-Dioxane	7.113	88	572	81.049	ug/L #	80
61) cis-1,3-Dichloropropene	7.592	75	3033	0.460	ug/L	99
64) Toluene	7.869	92	5184	0.464	ug/L	99
65) 4-Methyl-2-pentanone	8.320	58	224	0.272	ug/L #	15
66) Tetrachloroethene	8.306	166	2403	0.412	ug/L	98
68) trans-1,3-Dichloropropene	8.348	75	2452	0.434	ug/L	98
70) Ethyl methacrylate	8.549	69	1704	0.425	ug/L	91
71) 1,1,2-Trichloroethane	8.528	83	1224	0.455	ug/L	98
72) Chlorodibromomethane	8.743	129	1861	0.444	ug/L #	94
73) 1,3-Dichloropropane	8.868	76	2601	0.476	ug/L	96
74) 1,2-Dibromoethane	9.027	107	1523	0.466	ug/L	97
76) 2-Hexanone	9.328	43	463	0.371	ug/L #	48
77) Chlorobenzene	9.680	112	6178	0.476	ug/L #	85
78) Ethylbenzene	9.723	91	10140	0.455	ug/L	98
79) 1,1,1,2-Tetrachloroethane	9.766	131	2040	0.444	ug/L #	63
80) p/m Xylene	9.917	106	7870	0.887	ug/L	100
81) o Xylene	10.455	106	7217	0.885	ug/L	95

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA122\2017\170804A\
 Data File : V22170804A04.D
 Acq On : 04 Aug 2017 21:08
 Operator : VOA122:MAB
 Sample : ISTD1
 Misc : WG1029271,ICAL
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 05 11:34:45 2017
 Quant Method : I:\VOLATILES\VOA122\2017\170804A\V122_170804A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sat Aug 05 11:24:55 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA122\2017\170804A\V22170804A08.D
 Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) Styrene	10.519	104	11360	0.864	ug/L	99
84) Bromoform	10.530	173	1194	0.441	ug/L	93
86) Isopropylbenzene	10.832	105	10439	0.459	ug/L	100
88) Bromobenzene	11.262	156	2668	0.497	ug/L	99
89) n-Propylbenzene	11.305	91	11523	0.441	ug/L	98
90) 1,4-Dichlorobutane	11.327	55	2197	0.471	ug/L	95
91) 1,1,2,2-Tetrachloroethane	11.380	83	1689	0.493	ug/L #	93
92) 4-Ethyltoluene	11.434	105	9463	0.445	ug/L	99
93) 2-Chlorotoluene	11.467	91	7859	0.467	ug/L	99
94) 1,3,5-Trimethylbenzene	11.531	105	7977	0.444	ug/L	99
95) 1,2,3-Trichloropropane	11.531	75	1301	0.476	ug/L	91
96) trans-1,4-Dichloro-2-b...	11.585	53	413	0.476	ug/L #	74
97) 4-Chlorotoluene	11.650	91	7330	0.482	ug/L	96
98) tert-Butylbenzene	11.870	119	7347	0.451	ug/L	97
101) 1,2,4-Trimethylbenzene	11.944	105	8009	0.451	ug/L	99
102) sec-Butylbenzene	12.062	105	10271	0.436	ug/L	100
103) p-Isopropyltoluene	12.217	119	8599	0.424	ug/L	100
104) 1,3-Dichlorobenzene	12.276	146	4874	0.463	ug/L	98
105) 1,4-Dichlorobenzene	12.372	146	4887M3	0.469	ug/L	
106) p-Diethylbenzene	12.586	119	4849	0.416	ug/L	97
107) n-Butylbenzene	12.645	91	7429	0.418	ug/L	97
108) 1,2-Dichlorobenzene	12.792	146	4539	0.486	ug/L	95
109) 1,2,4,5-Tetramethylben...	13.382	119	7296	0.430	ug/L	98
110) 1,2-Dibromo-3-chloropr...	13.567	155	168	0.297	ug/L	90
111) 1,3,5-Trichlorobenzene	13.596	180	3368	0.430	ug/L	99
112) Hexachlorobutadiene	14.172	225	1321	0.370	ug/L	98
113) 1,2,4-Trichlorobenzene	14.201	180	3027	0.436	ug/L	95
114) Naphthalene	14.496	128	5666	0.457	ug/L	100
115) 1,2,3-Trichlorobenzene	14.659	180	2899	0.465	ug/L	96

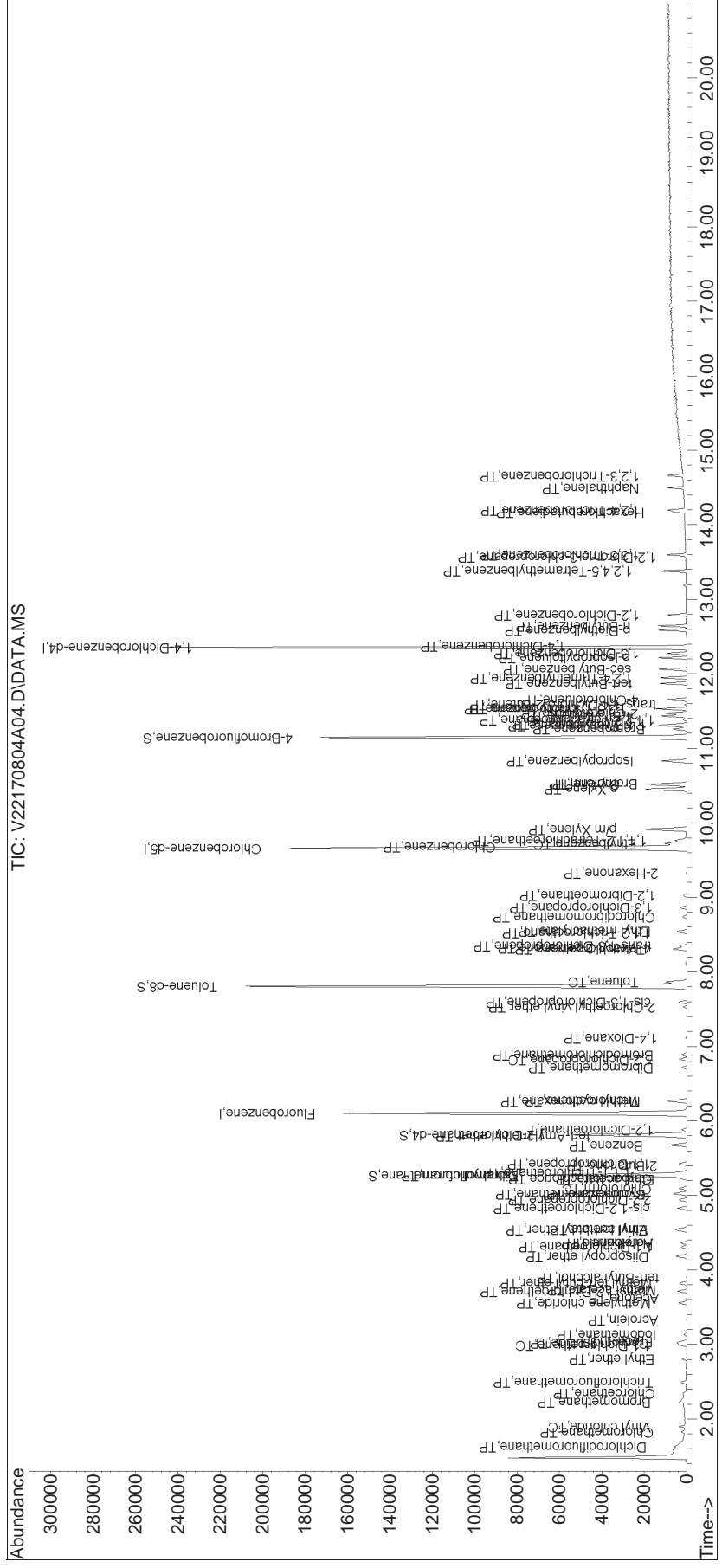
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA122\2017\170804A\
Data File : V22170804A04.D
Acq On : 04 Aug 2017 21:08
Operator : VOA122:MAB
Sample : ISTD11
Misc : WG1029271,ICAL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 05 11:34:45 2017
Quant Method : I:\VOLATILES\VOA122\2017\170804A\V122_170804A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sat Aug 05 11:24:55 2017
Response via : Initial Calibration

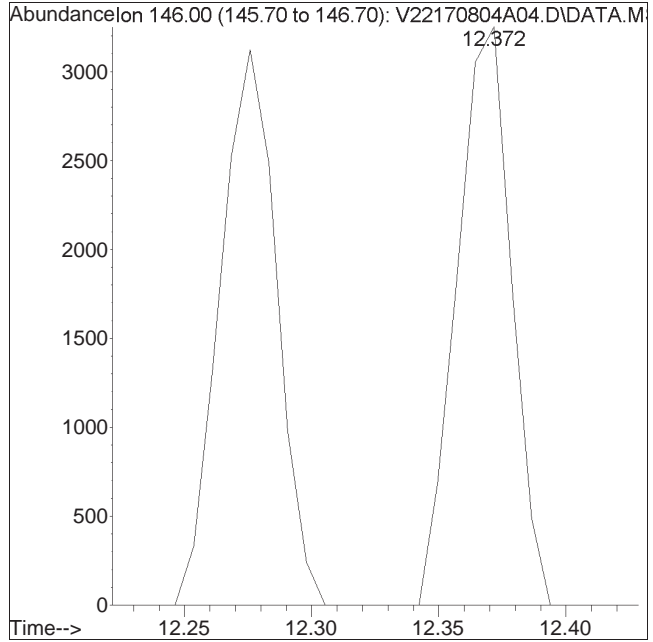
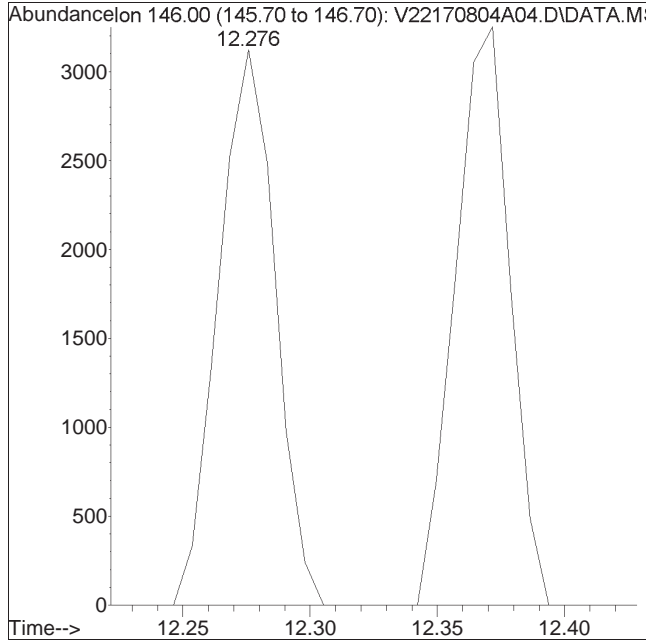
Sub List : 8260-Curve - Megamix plus Diox70804A\V22170804A08.D•



Manual Integration Report

Data Path : I:\VOLATILES\VOA122\2017\1QMethod : V122_170804A_8260.m
Data File : V22170804A04.D Operator : VOA122:MAB
Date Inj'd : 8/4/2017 21:08 Instrument : VOA122
Sample : ISTDL1 Quant Date : 8/5/2017 11:25 am

Compound #105: 1,4-Dichlorobenzene



Original Peak Response = 4874

Manual Peak Response = 4887 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA122\2017\170804A\
 Data File : V22170804A07.D
 Acq On : 04 Aug 2017 22:31
 Operator : VOA122:MAB
 Sample : ISTD2
 Misc : WG1029271,ICAL
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 05 11:29:55 2017
 Quant Method : I:\VOLATILES\VOA122\2017\170804A\V122_170804A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sat Aug 05 11:24:55 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA122\2017\170804A\V22170804A08.D
 Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	

Internal Standards							
1) Fluorobenzene	6.101	96	161032	10.000	ug/L	0.00	
Standard Area 1 = 168241			Recovery = 95.72%				
62) Chlorobenzene-d5	9.658	117	133803	10.000	ug/L	0.00	
Standard Area 1 = 139995			Recovery = 95.58%				
83) 1,4-Dichlorobenzene-d4	12.350	152	69085	10.000	ug/L	0.00	
Standard Area 1 = 75642			Recovery = 91.33%				
System Monitoring Compounds							
38) Dibromofluoromethane	5.270	113	41381	9.861	ug/L	0.00	
Spiked Amount 10.000	Range 70 - 130		Recovery = 98.61%				
46) 1,2-Dichloroethane-d4	5.813	65	38577	10.004	ug/L	0.00	
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.04%				
63) Toluene-d8	7.807	98	163839	10.033	ug/L	0.00	
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.33%				
87) 4-Bromofluorobenzene	11.144	95	61659	10.325	ug/L	0.00	
Spiked Amount 10.000	Range 70 - 130		Recovery = 103.25%				
Target Compounds							
							Qvalue
2) Dichlorodifluoromethane	1.638	85	6583	1.888	ug/L		95
3) Chloromethane	1.824	50	8103	2.205	ug/L		99
4) Vinyl chloride	1.896	62	10270	2.122	ug/L		99
5) Bromomethane	2.227	94	5952	2.286	ug/L		96
6) Chloroethane	2.350	64	5838	2.091	ug/L		94
7) Trichlorofluoromethane	2.495	101	11801	1.786	ug/L		97
8) Ethyl ether	2.804	74	3886	51.785	ug/L #		1
10) 1,1-Dichloroethene	2.990	96	8024	2.060	ug/L		99
11) Carbon disulfide	3.021	76	22652	2.347	ug/L		99
12) Freon-113	3.042	101	6390	1.786	ug/L		96
13) Iodomethane	3.134	142	8796	1.865	ug/L		100
14) Acrolein	3.320	56	1011	1.795	ug/L		97
15) Methylene chloride	3.558	84	8811	2.150	ug/L		99
17) Acetone	3.609	43	1103	2.223	ug/L #		81
18) trans-1,2-Dichloroethene	3.712	96	9541	2.147	ug/L		98
19) Methyl acetate	3.733	43	2750	2.026	ug/L #		92
21) Methyl tert-butyl ether	3.815	73	19821	2.031	ug/L		99
22) tert-Butyl alcohol	3.898	59	1220	8.957	ug/L #		80
24) Diisopropyl ether	4.187	45	22043	2.099	ug/L		100
25) 1,1-Dichloroethane	4.311	63	15576	2.172	ug/L		99
26) Halothane	4.362	117	7064	2.032	ug/L		100

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA122\2017\170804A\
 Data File : V22170804A07.D
 Acq On : 04 Aug 2017 22:31
 Operator : VOA122:MAB
 Sample : ISTD2
 Misc : WG1029271,ICAL
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 05 11:29:55 2017
 Quant Method : I:\VOLATILES\VOA122\2017\170804A\V122_170804A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sat Aug 05 11:24:55 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA122\2017\170804A\V22170804A08.D
 Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) Acrylonitrile	4.362	53	1448	1.852	ug/L	98
28) Ethyl tert-butyl ether	4.538	59	22069	2.063	ug/L	98
29) Vinyl acetate	4.558	43	13126	1.982	ug/L	97
30) cis-1,2-Dichloroethene	4.827	96	10171	2.091	ug/L	98
31) 2,2-Dichloropropane	4.940	77	13159	2.102	ug/L	99
32) Bromochloromethane	5.023	128	4303	2.046	ug/L	98
33) Cyclohexane	5.033	56	11722	1.858	ug/L	99
34) Chloroform	5.095	83	16134	2.156	ug/L	99
35) Ethyl acetate	5.219	43	4023	1.981	ug/L #	86
36) Carbon tetrachloride	5.239	117	12150	1.921	ug/L	97
37) Tetrahydrofuran	5.260	42	1567	2.136	ug/L	94
39) 1,1,1-Trichloroethane	5.301	97	14584	2.058	ug/L	99
41) 2-Butanone	5.415	43	1539	1.961	ug/L	89
42) 1,1-Dichloropropene	5.425	75	11850	2.016	ug/L	99
44) Benzene	5.673	78	36748	2.176	ug/L	99
45) tert-Amyl methyl ether	5.790	73	20271	2.058	ug/L	100
47) 1,2-Dichloroethane	5.883	62	9597	2.077	ug/L	98
50) Methyl cyclohexane	6.265	83	12845	1.842	ug/L	98
51) Trichloroethene	6.272	95	9700	2.124	ug/L	98
53) Dibromomethane	6.716	93	3612	2.122	ug/L	96
54) 1,2-Dichloropropane	6.833	63	7798	2.066	ug/L	99
56) 2-Chloroethyl vinyl ether	7.529	63	3970	2.018	ug/L	99
57) Bromodichloromethane	6.887	83	11456	2.069	ug/L	99
60) 1,4-Dioxane	7.113	88	2866	418.316	ug/L	98
61) cis-1,3-Dichloropropene	7.592	75	13223	2.064	ug/L	100
64) Toluene	7.862	92	23413	2.147	ug/L	99
65) 4-Methyl-2-pentanone	8.313	58	1512	1.883	ug/L	96
66) Tetrachloroethene	8.306	166	11752	2.062	ug/L	99
68) trans-1,3-Dichloropropene	8.348	75	11003	1.995	ug/L	100
70) Ethyl methacrylate	8.549	69	7252	1.854	ug/L	94
71) 1,1,2-Trichloroethane	8.535	83	5363	2.041	ug/L	99
72) Chlorodibromomethane	8.743	129	7937	1.939	ug/L	98
73) 1,3-Dichloropropane	8.861	76	11077	2.074	ug/L	98
74) 1,2-Dibromoethane	9.027	107	6357	1.992	ug/L	95
76) 2-Hexanone	9.328	43	2295	1.884	ug/L	96
77) Chlorobenzene	9.680	112	26993	2.131	ug/L	96
78) Ethylbenzene	9.723	91	45827	2.106	ug/L	100
79) 1,1,1,2-Tetrachloroethane	9.766	131	9275	2.065	ug/L	90
80) p/m Xylene	9.917	106	36934	4.261	ug/L	98
81) o Xylene	10.455	106	32751	4.115	ug/L	98

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA122\2017\170804A\
 Data File : V22170804A07.D
 Acq On : 04 Aug 2017 22:31
 Operator : VOA122:MAB
 Sample : ISTD2
 Misc : WG1029271,ICAL
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 05 11:29:55 2017
 Quant Method : I:\VOLATILES\VOA122\2017\170804A\V122_170804A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sat Aug 05 11:24:55 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA122\2017\170804A\V22170804A08.D
 Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) Styrene	10.519	104	50926	3.968	ug/L	99
84) Bromoform	10.530	173	5119	1.962	ug/L	98
86) Isopropylbenzene	10.831	105	47085	2.148	ug/L	99
88) Bromobenzene	11.262	156	11163	2.157	ug/L	99
89) n-Propylbenzene	11.305	91	53432	2.123	ug/L	99
90) 1,4-Dichlorobutane	11.327	55	9491	2.111	ug/L	98
91) 1,1,2,2-Tetrachloroethane	11.380	83	6813	2.063	ug/L	98
92) 4-Ethyltoluene	11.434	105	44009	2.149	ug/L	99
93) 2-Chlorotoluene	11.467	91	35480	2.190	ug/L	98
94) 1,3,5-Trimethylbenzene	11.531	105	36850	2.130	ug/L	99
95) 1,2,3-Trichloropropane	11.531	75	5640	2.142	ug/L	96
96) trans-1,4-Dichloro-2-b...	11.585	53	1659	1.984	ug/L	98
97) 4-Chlorotoluene	11.660	91	31695	2.164	ug/L	99
98) tert-Butylbenzene	11.870	119	33666	2.147	ug/L	99
101) 1,2,4-Trimethylbenzene	11.951	105	37115	2.172	ug/L	98
102) sec-Butylbenzene	12.062	105	47344	2.086	ug/L	99
103) p-Isopropyltoluene	12.217	119	41033	2.099	ug/L	99
104) 1,3-Dichlorobenzene	12.276	146	21984	2.167	ug/L	100
105) 1,4-Dichlorobenzene	12.372	146	21969	2.189	ug/L	99
106) p-Diethylbenzene	12.586	119	22758	2.027	ug/L	99
107) n-Butylbenzene	12.645	91	34958	2.040	ug/L	99
108) 1,2-Dichlorobenzene	12.792	146	19165	2.128	ug/L	100
109) 1,2,4,5-Tetramethylben...	13.375	119	34093	2.086	ug/L	99
110) 1,2-Dibromo-3-chloropr...	13.567	155	1071	1.968	ug/L	97
111) 1,3,5-Trichlorobenzene	13.596	180	15766	2.092	ug/L	99
112) Hexachlorobutadiene	14.172	225	6441	1.873	ug/L	99
113) 1,2,4-Trichlorobenzene	14.201	180	13553	2.025	ug/L	98
114) Naphthalene	14.496	128	23910	2.003	ug/L	100
115) 1,2,3-Trichlorobenzene	14.659	180	12332	2.052	ug/L	99

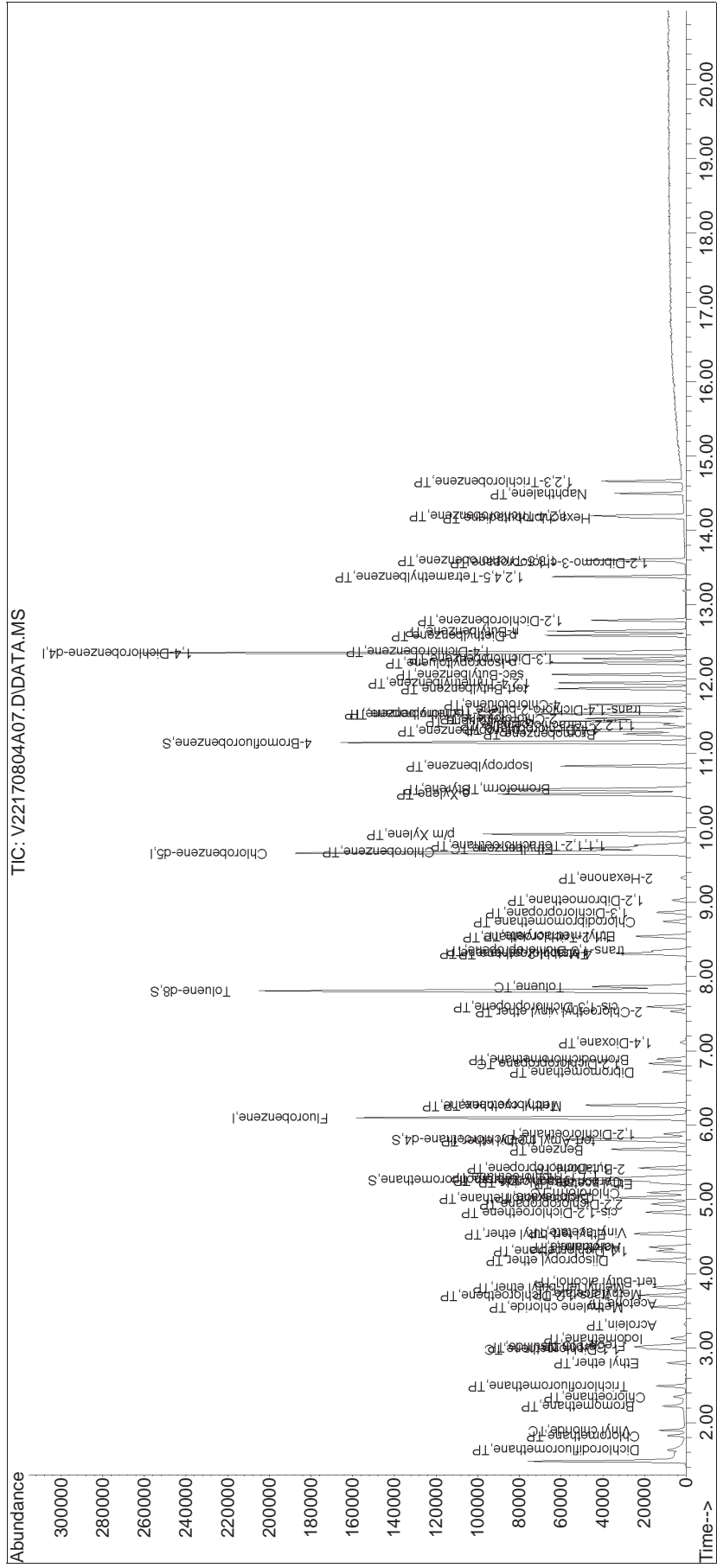
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA122\2017\170804A\
 Data File : V22170804A07.D
 Acq On : 04 Aug 2017 22:31
 Operator : VOA122:MAB
 Sample : ISTD12
 Misc : WG1029271,ICAL
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 05 11:29:55 2017
 Quant Method : I:\VOLATILES\VOA122\2017\170804A\V122_170804A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sat Aug 05 11:24:55 2017
 Response via : Initial Calibration

Sub List : 8260-Curve - Megamix plus Diox70804A\V22170804A08.D•



Manual Integration Report

Data Path : I:\VOLATILES\VOA122\2017\1QMethod : V122_170804A_8260.m
Data File : V22170804A07.D Operator : VOA122:MAB
Date Inj'd : 8/4/2017 22:31 Instrument : VOA122
Sample : ISTD2 Quant Date : 8/5/2017 11:25 am

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA122\2017\170804A\
 Data File : V22170804A08.D
 Acq On : 04 Aug 2017 22:58
 Operator : VOA122:MAB
 Sample : ISTD3
 Misc : WG1029271,ICAL
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 05 11:26:04 2017
 Quant Method : I:\VOLATILES\VOA122\2017\170804A\V122_170804A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sat Aug 05 11:24:55 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA122\2017\170804A\V22170804A08.D
 Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Fluorobenzene	6.101	96	168241	10.000	ug/L	0.00
Standard Area 1 = 168241			Recovery =	100.00%		
62) Chlorobenzene-d5	9.658	117	139995	10.000	ug/L	0.00
Standard Area 1 = 139995			Recovery =	100.00%		
83) 1,4-Dichlorobenzene-d4	12.349	152	75642	10.000	ug/L	0.00
Standard Area 1 = 75642			Recovery =	100.00%		
System Monitoring Compounds						
38) Dibromofluoromethane	5.270	113	43841	10.000	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	100.00%		
46) 1,2-Dichloroethane-d4	5.813	65	40288	10.000	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	100.00%		
63) Toluene-d8	7.807	98	170862	10.000	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	100.00%		
87) 4-Bromofluorobenzene	11.144	95	65385	10.000	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	100.00%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.628	85	36436	10.000	ug/L	100
3) Chloromethane	1.824	50	38392	10.000	ug/L	100
4) Vinyl chloride	1.896	62	50562	10.000	ug/L	100
5) Bromomethane	2.226	94	27197	10.000	ug/L	100
6) Chloroethane	2.350	64	29173	10.000	ug/L	100
7) Trichlorofluoromethane	2.495	101	69037	10.000	ug/L	100
8) Ethyl ether	2.804	74	20485	261.288	ug/L #	1
10) 1,1-Dichloroethene	2.990	96	40697	10.000	ug/L	100
11) Carbon disulfide	3.021	76	100845	10.000	ug/L	100
12) Freon-113	3.042	101	37378	10.000	ug/L	100
13) Iodomethane	3.134	142	49278	10.000	ug/L	100
14) Acrolein	3.330	56	5885	10.000	ug/L	100
15) Methylene chloride	3.557	84	42815	10.000	ug/L	100
17) Acetone	3.609	43	5183	10.000	ug/L	100
18) trans-1,2-Dichloroethene	3.712	96	46431	10.000	ug/L	100
19) Methyl acetate	3.733	43	14184	10.000	ug/L	100
21) Methyl tert-butyl ether	3.815	73	101959	10.000	ug/L	100
22) tert-Butyl alcohol	3.898	59	7115	50.000	ug/L	100
24) Diisopropyl ether	4.187	45	109742	10.000	ug/L	100
25) 1,1-Dichloroethane	4.311	63	74906	10.000	ug/L	100
26) Halothane	4.362	117	36317	10.000	ug/L	100

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA122\2017\170804A\
 Data File : V22170804A08.D
 Acq On : 04 Aug 2017 22:58
 Operator : VOA122:MAB
 Sample : ISTD3
 Misc : WG1029271,ICAL
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 05 11:26:04 2017
 Quant Method : I:\VOLATILES\VOA122\2017\170804A\V122_170804A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sat Aug 05 11:24:55 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA122\2017\170804A\V22170804A08.D
 Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) Acrylonitrile	4.362	53	8167	10.000	ug/L	100
28) Ethyl tert-butyl ether	4.538	59	111778	10.000	ug/L	100
29) Vinyl acetate	4.548	43	69193	10.000	ug/L	100
30) cis-1,2-Dichloroethene	4.827	96	50829	10.000	ug/L	100
31) 2,2-Dichloropropane	4.940	77	65402	10.000	ug/L	100
32) Bromochloromethane	5.023	128	21971	10.000	ug/L	100
33) Cyclohexane	5.033	56	65924	10.000	ug/L	100
34) Chloroform	5.095	83	78201	10.000	ug/L	100
35) Ethyl acetate	5.219	43	21212	10.000	ug/L	100
36) Carbon tetrachloride	5.239	117	66068	10.000	ug/L	100
37) Tetrahydrofuran	5.260	42	7665	10.000	ug/L	100
39) 1,1,1-Trichloroethane	5.301	97	74042	10.000	ug/L	100
41) 2-Butanone	5.404	43	8200	10.000	ug/L	100
42) 1,1-Dichloropropene	5.425	75	61400	10.000	ug/L	100
44) Benzene	5.681	78	176461	10.000	ug/L	100
45) tert-Amyl methyl ether	5.790	73	102924	10.000	ug/L	100
47) 1,2-Dichloroethane	5.883	62	48279	10.000	ug/L	100
50) Methyl cyclohexane	6.264	83	72856	10.000	ug/L	100
51) Trichloroethene	6.272	95	47719	10.000	ug/L	100
53) Dibromomethane	6.716	93	17785	10.000	ug/L	100
54) 1,2-Dichloropropane	6.833	63	39428	10.000	ug/L	100
56) 2-Chloroethyl vinyl ether	7.529	63	20551	10.000	ug/L	100
57) Bromodichloromethane	6.887	83	57852	10.000	ug/L	100
60) 1,4-Dioxane	7.113	88	3579	500.000	ug/L	100
61) cis-1,3-Dichloropropene	7.592	75	66946	10.000	ug/L	100
64) Toluene	7.862	92	114106	10.000	ug/L	100
65) 4-Methyl-2-pentanone	8.313	58	8402	10.000	ug/L	100
66) Tetrachloroethene	8.306	166	59627	10.000	ug/L	100
68) trans-1,3-Dichloropropene	8.348	75	57707	10.000	ug/L	100
70) Ethyl methacrylate	8.549	69	40932	10.000	ug/L	100
71) 1,1,2-Trichloroethane	8.535	83	27499	10.000	ug/L	100
72) Chlorodibromomethane	8.743	129	42823	10.000	ug/L	100
73) 1,3-Dichloropropane	8.861	76	55874	10.000	ug/L	100
74) 1,2-Dibromoethane	9.027	107	33385	10.000	ug/L	100
76) 2-Hexanone	9.328	43	12748	10.000	ug/L	100
77) Chlorobenzene	9.680	112	132556	10.000	ug/L	100
78) Ethylbenzene	9.723	91	227660	10.000	ug/L	100
79) 1,1,1,2-Tetrachloroethane	9.766	131	46994	10.000	ug/L	100
80) p/m Xylene	9.916	106	181396	20.000	ug/L	100
81) o Xylene	10.455	106	166548	20.000	ug/L	100

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA122\2017\170804A\
 Data File : V22170804A08.D
 Acq On : 04 Aug 2017 22:58
 Operator : VOA122:MAB
 Sample : ISTD3
 Misc : WG1029271,ICAL
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 05 11:26:04 2017
 Quant Method : I:\VOLATILES\VOA122\2017\170804A\V122_170804A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sat Aug 05 11:24:55 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA122\2017\170804A\V22170804A08.D
 Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) Styrene	10.519	104	268555	20.000	ug/L	100
84) Bromoform	10.530	173	28560	10.000	ug/L	100
86) Isopropylbenzene	10.831	105	240029	10.000	ug/L	100
88) Bromobenzene	11.262	156	56673	10.000	ug/L	100
89) n-Propylbenzene	11.305	91	275578	10.000	ug/L	100
90) 1,4-Dichlorobutane	11.326	55	49227	10.000	ug/L	100
91) 1,1,2,2-Tetrachloroethane	11.380	83	36162	10.000	ug/L	100
92) 4-Ethyltoluene	11.434	105	224270	10.000	ug/L	100
93) 2-Chlorotoluene	11.466	91	177368	10.000	ug/L	100
94) 1,3,5-Trimethylbenzene	11.531	105	189438	10.000	ug/L	100
95) 1,2,3-Trichloropropane	11.531	75	28833	10.000	ug/L	100
96) trans-1,4-Dichloro-2-b...	11.585	53	9156	10.000	ug/L	100
97) 4-Chlorotoluene	11.649	91	160338	10.000	ug/L	100
98) tert-Butylbenzene	11.870	119	171696	10.000	ug/L	100
101) 1,2,4-Trimethylbenzene	11.951	105	187124	10.000	ug/L	100
102) sec-Butylbenzene	12.062	105	248466	10.000	ug/L	100
103) p-Isopropyltoluene	12.217	119	214067	10.000	ug/L	100
104) 1,3-Dichlorobenzene	12.276	146	111057	10.000	ug/L	100
105) 1,4-Dichlorobenzene	12.372	146	109878	10.000	ug/L	100
106) p-Diethylbenzene	12.586	119	122922	10.000	ug/L	100
107) n-Butylbenzene	12.645	91	187591	10.000	ug/L	100
108) 1,2-Dichlorobenzene	12.792	146	98598	10.000	ug/L	100
109) 1,2,4,5-Tetramethylben...	13.382	119	178926	10.000	ug/L	100
110) 1,2-Dibromo-3-chloropr...	13.567	155	5959	10.000	ug/L	100
111) 1,3,5-Trichlorobenzene	13.596	180	82525	10.000	ug/L	100
112) Hexachlorobutadiene	14.172	225	37656	10.000	ug/L	100
113) 1,2,4-Trichlorobenzene	14.201	180	73282	10.000	ug/L	100
114) Naphthalene	14.496	128	130728	10.000	ug/L	100
115) 1,2,3-Trichlorobenzene	14.659	180	65786	10.000	ug/L	100

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

Manual Integration Report

Data Path : I:\VOLATILES\VOA122\2017\1QMethod : V122_170804A_8260.m
Data File : V22170804A08.D Operator : VOA122:MAB
Date Inj'd : 8/4/2017 22:58 Instrument : VOA122
Sample : ISTD3 Quant Date : 8/5/2017 11:25 am

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA122\2017\170804A\
 Data File : V22170804A09.D
 Acq On : 04 Aug 2017 23:26
 Operator : VOA122:MAB
 Sample : ISTD4
 Misc : WG1029271,ICAL
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Aug 05 11:30:14 2017
 Quant Method : I:\VOLATILES\VOA122\2017\170804A\V122_170804A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sat Aug 05 11:24:55 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA122\2017\170804A\V22170804A08.D
 Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Fluorobenzene	6.101	96	166029	10.000	ug/L	0.00
Standard Area 1 = 168241			Recovery = 98.69%			
62) Chlorobenzene-d5	9.658	117	142192	10.000	ug/L	0.00
Standard Area 1 = 139995			Recovery = 101.57%			
83) 1,4-Dichlorobenzene-d4	12.350	152	78787	10.000	ug/L	0.00
Standard Area 1 = 75642			Recovery = 104.16%			
System Monitoring Compounds						
38) Dibromofluoromethane	5.270	113	43400	10.031	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.31%			
46) 1,2-Dichloroethane-d4	5.813	65	40092	10.084	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.84%			
63) Toluene-d8	7.807	98	169909	9.791	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 97.91%			
87) 4-Bromofluorobenzene	11.144	95	66497	9.764	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 97.64%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.628	85	108068	30.055	ug/L	99
3) Chloromethane	1.824	50	114667	30.265	ug/L	98
4) Vinyl chloride	1.896	62	154031	30.870	ug/L	100
5) Bromomethane	2.227	94	90079	33.562	ug/L	99
6) Chloroethane	2.350	64	90292	31.363	ug/L	100
7) Trichlorofluoromethane	2.495	101	212550	31.198	ug/L	100
8) Ethyl ether	2.804	74	63799	824.604	ug/L #	1
10) 1,1-Dichloroethene	2.990	96	126143	31.409	ug/L	100
11) Carbon disulfide	3.021	76	309883	31.138	ug/L	100
12) Freon-113	3.042	101	115077	31.198	ug/L	99
13) Iodomethane	3.135	142	168574	34.665	ug/L	99
14) Acrolein	3.320	56	18741	32.270	ug/L	99
15) Methylene chloride	3.558	84	130964	30.996	ug/L	99
17) Acetone	3.609	43	16569	32.394	ug/L	98
18) trans-1,2-Dichloroethene	3.712	96	144293	31.491	ug/L	99
19) Methyl acetate	3.733	43	44075	31.488	ug/L	99
21) Methyl tert-butyl ether	3.816	73	314996	31.306	ug/L	99
22) tert-Butyl alcohol	3.898	59	22650	161.291	ug/L	99
24) Diisopropyl ether	4.187	45	341851	31.565	ug/L	100
25) 1,1-Dichloroethane	4.311	63	231080	31.260	ug/L	100
26) Halothane	4.362	117	111114	31.003	ug/L	99

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA122\2017\170804A\
 Data File : V22170804A09.D
 Acq On : 04 Aug 2017 23:26
 Operator : VOA122:MAB
 Sample : ISTD4
 Misc : WG1029271,ICAL
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Aug 05 11:30:14 2017
 Quant Method : I:\VOLATILES\VOA122\2017\170804A\V122_170804A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sat Aug 05 11:24:55 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA122\2017\170804A\V22170804A08.D
 Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) Acrylonitrile	4.362	53	25188	31.252	ug/L	98
28) Ethyl tert-butyl ether	4.538	59	344653	31.245	ug/L	98
29) Vinyl acetate	4.548	43	220169	32.243	ug/L	99
30) cis-1,2-Dichloroethene	4.827	96	155825	31.065	ug/L	100
31) 2,2-Dichloropropane	4.940	77	197526	30.604	ug/L	99
32) Bromochloromethane	5.023	128	67722	31.234	ug/L	98
33) Cyclohexane	5.033	56	201729	31.008	ug/L	98
34) Chloroform	5.095	83	237008	30.711	ug/L	100
35) Ethyl acetate	5.219	43	67334	32.166	ug/L	99
36) Carbon tetrachloride	5.239	117	205787	31.563	ug/L	99
37) Tetrahydrofuran	5.260	42	23285	30.783	ug/L	93
39) 1,1,1-Trichloroethane	5.301	97	229059	31.349	ug/L	99
41) 2-Butanone	5.404	43	25644	31.690	ug/L	98
42) 1,1-Dichloropropene	5.425	75	189771	31.319	ug/L	100
44) Benzene	5.681	78	587436	33.733	ug/L	97
45) tert-Amyl methyl ether	5.790	73	317300	31.239	ug/L	100
47) 1,2-Dichloroethane	5.883	62	146849	30.822	ug/L	99
50) Methyl cyclohexane	6.265	83	227809	31.685	ug/L	100
51) Trichloroethene	6.272	95	148417	31.517	ug/L	99
53) Dibromomethane	6.716	93	54399	30.995	ug/L	98
54) 1,2-Dichloropropane	6.833	63	121659	31.267	ug/L	99
56) 2-Chloroethyl vinyl ether	7.529	63	63374	31.248	ug/L	100
57) Bromodichloromethane	6.887	83	181840	31.851	ug/L	100
60) 1,4-Dioxane	7.113	88	4907	694.660	ug/L #	93
61) cis-1,3-Dichloropropene	7.592	75	209835	31.762	ug/L	100
64) Toluene	7.862	92	355695	30.691	ug/L	99
65) 4-Methyl-2-pentanone	8.313	58	26456	31.001	ug/L	100
66) Tetrachloroethene	8.306	166	185928	30.700	ug/L	100
68) trans-1,3-Dichloropropene	8.348	75	180348	30.769	ug/L	99
70) Ethyl methacrylate	8.549	69	130931	31.493	ug/L	99
71) 1,1,2-Trichloroethane	8.535	83	85636	30.660	ug/L	99
72) Chlorodibromomethane	8.743	129	135693	31.197	ug/L	100
73) 1,3-Dichloropropane	8.861	76	172158	30.336	ug/L	100
74) 1,2-Dibromoethane	9.027	107	103809	30.614	ug/L	99
76) 2-Hexanone	9.328	43	40767	31.485	ug/L	99
77) Chlorobenzene	9.680	112	412064	30.606	ug/L	99
78) Ethylbenzene	9.723	91	704284	30.458	ug/L	99
79) 1,1,1,2-Tetrachloroethane	9.766	131	147043	30.806	ug/L	98
80) p/m Xylene	9.917	106	568593	61.722	ug/L	99
81) o Xylene	10.455	106	523867	61.937	ug/L	99

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA122\2017\170804A\
 Data File : V22170804A09.D
 Acq On : 04 Aug 2017 23:26
 Operator : VOA122:MAB
 Sample : ISTD4
 Misc : WG1029271,ICAL
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Aug 05 11:30:14 2017
 Quant Method : I:\VOLATILES\VOA122\2017\170804A\V122_170804A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sat Aug 05 11:24:55 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA122\2017\170804A\V22170804A08.D
 Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) Styrene	10.519	104	866398	63.526	ug/L	100
84) Bromoform	10.530	173	93503	31.432	ug/L	99
86) Isopropylbenzene	10.831	105	751646	30.065	ug/L	100
88) Bromobenzene	11.262	156	177834	30.126	ug/L	100
89) n-Propylbenzene	11.305	91	870914	30.342	ug/L	99
90) 1,4-Dichlorobutane	11.327	55	152850	29.811	ug/L	99
91) 1,1,2,2-Tetrachloroethane	11.391	83	113458	30.123	ug/L	100
92) 4-Ethyltoluene	11.434	105	700744	29.998	ug/L	100
93) 2-Chlorotoluene	11.467	91	554360	30.007	ug/L	99
94) 1,3,5-Trimethylbenzene	11.531	105	597536	30.283	ug/L	100
95) 1,2,3-Trichloropropane	11.531	75	91011	30.305	ug/L	99
96) trans-1,4-Dichloro-2-b...	11.585	53	29229	30.649	ug/L	98
97) 4-Chlorotoluene	11.660	91	502845	30.110	ug/L	100
98) tert-Butylbenzene	11.870	119	544415	30.442	ug/L	100
101) 1,2,4-Trimethylbenzene	11.951	105	595593	30.558	ug/L	99
102) sec-Butylbenzene	12.062	105	785360	30.347	ug/L	100
103) p-Isopropyltoluene	12.217	119	682795	30.623	ug/L	100
104) 1,3-Dichlorobenzene	12.276	146	352182	30.446	ug/L	100
105) 1,4-Dichlorobenzene	12.372	146	342053	29.888	ug/L	100
106) p-Diethylbenzene	12.586	119	390824	30.525	ug/L	99
107) n-Butylbenzene	12.645	91	602317	30.826	ug/L	100
108) 1,2-Dichlorobenzene	12.792	146	315532	30.724	ug/L	99
109) 1,2,4,5-Tetramethylben...	13.382	119	580878	31.169	ug/L	100
110) 1,2-Dibromo-3-chloropr...	13.567	155	19842	31.968	ug/L	99
111) 1,3,5-Trichlorobenzene	13.596	180	268307	31.214	ug/L	98
112) Hexachlorobutadiene	14.172	225	122512	31.236	ug/L	98
113) 1,2,4-Trichlorobenzene	14.201	180	232662	30.482	ug/L	100
114) Naphthalene	14.496	128	420441	30.878	ug/L	100
115) 1,2,3-Trichlorobenzene	14.666	180	209570	30.585	ug/L	100

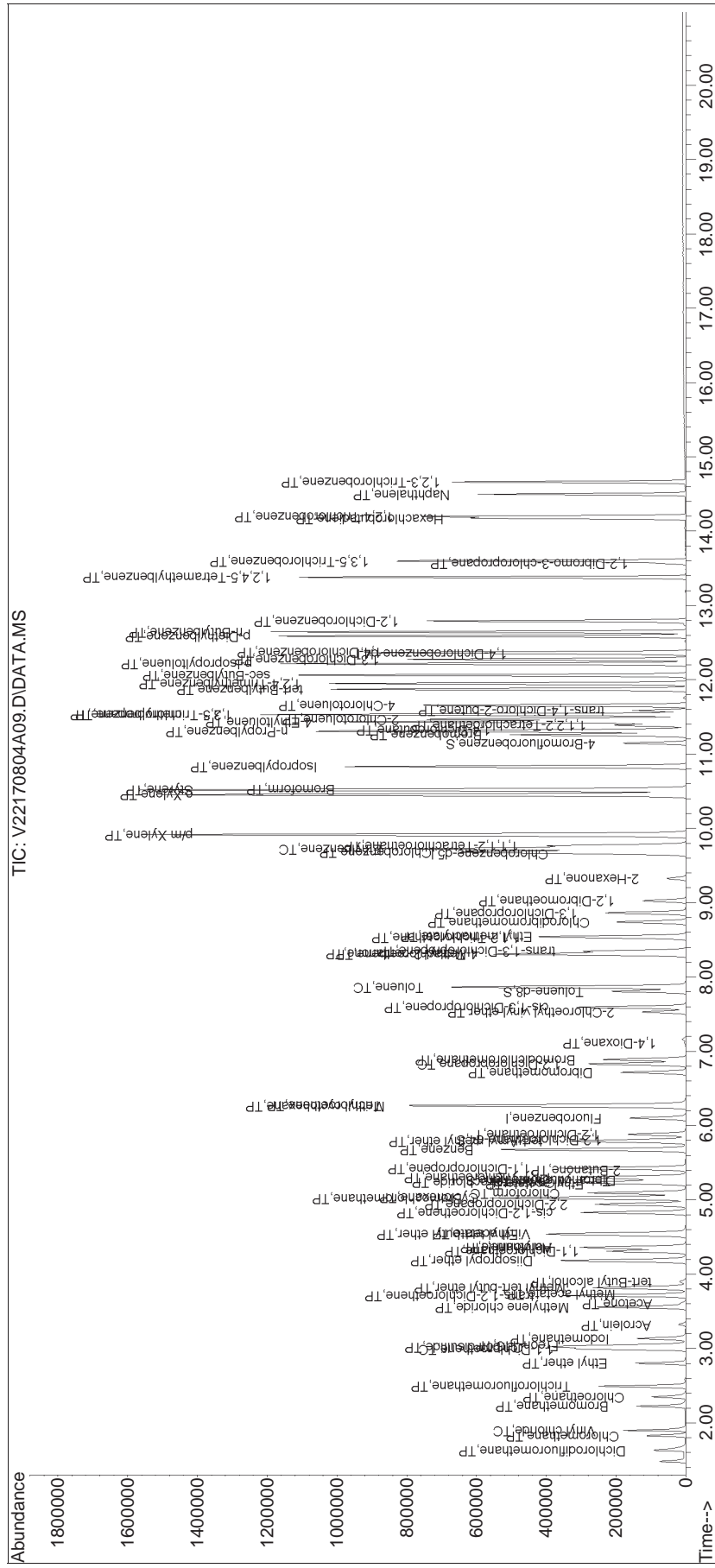
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA122\2017\170804A\
 Data File : V22170804A09.D
 Acq On : 04 Aug 2017 23:26
 Operator : VOA122:MAB
 Sample : ISTD14
 Misc : WG1029271,ICAL
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Aug 05 11:30:14 2017
 Quant Method : I:\VOLATILES\VOA122\2017\170804A\V122_170804A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sat Aug 05 11:24:55 2017
 Response via : Initial Calibration

Sub List : 8260-Curve - Megamix plus Diox70804A\V22170804A08.D•



Manual Integration Report

Data Path : I:\VOLATILES\VOA122\2017\1QMethod : V122_170804A_8260.m
Data File : V22170804A09.D Operator : VOA122:MAB
Date Inj'd : 8/4/2017 23:26 Instrument : VOA122
Sample : ISTD4 Quant Date : 8/5/2017 11:26 am

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA122\2017\170804A\
 Data File : V22170804A10.D
 Acq On : 04 Aug 2017 23:54
 Operator : VOA122:MAB
 Sample : ISTD6
 Misc : WG1029271,ICAL
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 05 11:30:26 2017
 Quant Method : I:\VOLATILES\VOA122\2017\170804A\V122_170804A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sat Aug 05 11:24:55 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA122\2017\170804A\V22170804A08.D
 Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	

Internal Standards							
1) Fluorobenzene	6.101	96	169073	10.000	ug/L	0.00	
Standard Area 1 = 168241			Recovery =	100.49%			
62) Chlorobenzene-d5	9.658	117	147472	10.000	ug/L	0.00	
Standard Area 1 = 139995			Recovery =	105.34%			
83) 1,4-Dichlorobenzene-d4	12.357	152	79306	10.000	ug/L	0.00	
Standard Area 1 = 75642			Recovery =	104.84%			
System Monitoring Compounds							
38) Dibromofluoromethane	5.270	113	43725	9.924	ug/L	0.00	
Spiked Amount 10.000	Range 70 - 130		Recovery =	99.24%			
46) 1,2-Dichloroethane-d4	5.813	65	40548	10.015	ug/L	0.00	
Spiked Amount 10.000	Range 70 - 130		Recovery =	100.15%			
63) Toluene-d8	7.807	98	173985	9.667	ug/L	0.00	
Spiked Amount 10.000	Range 70 - 130		Recovery =	96.67%			
87) 4-Bromofluorobenzene	11.144	95	67637	9.867	ug/L	0.00	
Spiked Amount 10.000	Range 70 - 130		Recovery =	98.67%			
Target Compounds							
							Qvalue
2) Dichlorodifluoromethane	1.628	85	276528	75.521	ug/L		99
3) Chloromethane	1.824	50	298806	77.447	ug/L		99
4) Vinyl chloride	1.896	62	395385	77.813	ug/L		99
5) Bromomethane	2.227	94	262191	95.930	ug/L		99
6) Chloroethane	2.350	64	235501	80.328	ug/L		100
7) Trichlorofluoromethane	2.495	101	549425	79.193	ug/L		100
8) Ethyl ether	2.804	74	165938	2106.141	ug/L	#	1
10) 1,1-Dichloroethene	2.990	96	332080	81.197	ug/L		99
11) Carbon disulfide	3.021	76	808884	79.816	ug/L		99
12) Freon-113	3.042	101	298232	79.395	ug/L		99
13) Iodomethane	3.134	142	459783	92.845	ug/L		99
14) Acrolein	3.320	56	47899	80.991	ug/L		98
15) Methylene chloride	3.558	84	343121	79.746	ug/L		99
17) Acetone	3.609	43	40940	78.600	ug/L		93
18) trans-1,2-Dichloroethene	3.712	96	378857	81.194	ug/L		99
19) Methyl acetate	3.723	43	109477	76.804	ug/L		99
21) Methyl tert-butyl ether	3.815	73	804057	78.473	ug/L		98
22) tert-Butyl alcohol	3.898	59	52896	369.892	ug/L		96
24) Diisopropyl ether	4.187	45	882291	80.001	ug/L		99
25) 1,1-Dichloroethane	4.311	63	598803	79.547	ug/L		100
26) Halothane	4.362	117	291292	79.813	ug/L		99

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA122\2017\170804A\
 Data File : V22170804A10.D
 Acq On : 04 Aug 2017 23:54
 Operator : VOA122:MAB
 Sample : ISTD6
 Misc : WG1029271,ICAL
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 05 11:30:26 2017
 Quant Method : I:\VOLATILES\VOA122\2017\170804A\V122_170804A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sat Aug 05 11:24:55 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA122\2017\170804A\V22170804A08.D
 Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) Acrylonitrile	4.362	53	63479	77.344	ug/L	98
28) Ethyl tert-butyl ether	4.538	59	883856	78.683	ug/L	99
29) Vinyl acetate	4.548	43	559537	80.468	ug/L	100
30) cis-1,2-Dichloroethene	4.827	96	404829	79.253	ug/L	100
31) 2,2-Dichloropropane	4.940	77	503261	76.570	ug/L	98
32) Bromochloromethane	5.023	128	173942	78.779	ug/L	98
33) Cyclohexane	5.033	56	517740	78.149	ug/L	99
34) Chloroform	5.095	83	613452	78.060	ug/L	100
35) Ethyl acetate	5.219	43	165352	77.569	ug/L	99
36) Carbon tetrachloride	5.229	117	533754	80.391	ug/L	99
37) Tetrahydrofuran	5.250	42	56989	73.984	ug/L	94
39) 1,1,1-Trichloroethane	5.301	97	591494	79.493	ug/L	99
41) 2-Butanone	5.404	43	63467	77.018	ug/L	93
42) 1,1-Dichloropropene	5.425	75	491772	79.699	ug/L	99
44) Benzene	5.681	78	1515457	85.458	ug/L	97
45) tert-Amyl methyl ether	5.790	73	806812	78.003	ug/L	99
47) 1,2-Dichloroethane	5.883	62	371527	76.575	ug/L	99
50) Methyl cyclohexane	6.265	83	590510	80.653	ug/L	99
51) Trichloroethene	6.272	95	389968	81.320	ug/L	99
53) Dibromomethane	6.716	93	136216	76.213	ug/L	99
54) 1,2-Dichloropropane	6.833	63	319746	80.697	ug/L	99
56) 2-Chloroethyl vinyl ether	7.529	63	159657	77.306	ug/L	99
57) Bromodichloromethane	6.887	83	478610	82.323	ug/L	100
60) 1,4-Dioxane	7.113	88	5685	790.308	ug/L #	92
61) cis-1,3-Dichloropropene	7.592	75	550264	81.791	ug/L	99
64) Toluene	7.862	92	932795	77.603	ug/L	98
65) 4-Methyl-2-pentanone	8.313	58	68439	77.326	ug/L	99
66) Tetrachloroethene	8.306	166	489647	77.955	ug/L	99
68) trans-1,3-Dichloropropene	8.348	75	472864	77.788	ug/L	98
70) Ethyl methacrylate	8.549	69	342125	79.346	ug/L	99
71) 1,1,2-Trichloroethane	8.535	83	222269	76.730	ug/L	99
72) Chlorodibromomethane	8.743	129	360550	79.927	ug/L	100
73) 1,3-Dichloropropane	8.861	76	444289	75.485	ug/L	99
74) 1,2-Dibromoethane	9.027	107	296818	84.400	ug/L	99
76) 2-Hexanone	9.328	43	102768	76.528	ug/L	99
77) Chlorobenzene	9.680	112	1089449	78.021	ug/L	99
78) Ethylbenzene	9.723	91	1862601	77.667	ug/L	99
79) 1,1,1,2-Tetrachloroethane	9.766	131	385546	77.882	ug/L	98
80) p/m Xylene	9.917	106	1493312	156.299	ug/L	98
81) o Xylene	10.455	106	1384738	157.856	ug/L	97

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA122\2017\170804A\
 Data File : V22170804A10.D
 Acq On : 04 Aug 2017 23:54
 Operator : VOA122:MAB
 Sample : ISTD6
 Misc : WG1029271,ICAL
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 05 11:30:26 2017
 Quant Method : I:\VOLATILES\VOA122\2017\170804A\V122_170804A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sat Aug 05 11:24:55 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA122\2017\170804A\V22170804A08.D
 Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) Styrene	10.519	104	2308807	163.225	ug/L	100
84) Bromoform	10.530	173	249338	83.270	ug/L	99
86) Isopropylbenzene	10.831	105	1953151	77.612	ug/L	99
88) Bromobenzene	11.262	156	466848	78.570	ug/L	100
89) n-Propylbenzene	11.305	91	2256143	78.087	ug/L	99
90) 1,4-Dichlorobutane	11.327	55	390005	75.566	ug/L	99
91) 1,1,2,2-Tetrachloroethane	11.391	83	283170	74.688	ug/L	100
92) 4-Ethyltoluene	11.434	105	1774860	75.483	ug/L	99
93) 2-Chlorotoluene	11.477	91	1413936	76.035	ug/L	99
94) 1,3,5-Trimethylbenzene	11.531	105	1536572	77.365	ug/L	100
95) 1,2,3-Trichloropropane	11.531	75	227741	75.337	ug/L	100
96) trans-1,4-Dichloro-2-b...	11.585	53	73728	76.804	ug/L	96
97) 4-Chlorotoluene	11.660	91	1298657	77.253	ug/L	99
98) tert-Butylbenzene	11.870	119	1407121	78.168	ug/L	100
101) 1,2,4-Trimethylbenzene	11.951	105	1546046	78.804	ug/L	100
102) sec-Butylbenzene	12.062	105	2002454	76.869	ug/L	99
103) p-Isopropyltoluene	12.217	119	1757863	78.324	ug/L	99
104) 1,3-Dichlorobenzene	12.276	146	917656	78.812	ug/L	100
105) 1,4-Dichlorobenzene	12.372	146	898298	77.977	ug/L	99
106) p-Diethylbenzene	12.586	119	1031259	80.019	ug/L	99
107) n-Butylbenzene	12.645	91	1540081	78.305	ug/L	100
108) 1,2-Dichlorobenzene	12.792	146	822375	79.553	ug/L	100
109) 1,2,4,5-Tetramethylben...	13.382	119	1528356	81.472	ug/L	99
110) 1,2-Dibromo-3-chloropr...	13.567	155	51243	82.020	ug/L	99
111) 1,3,5-Trichlorobenzene	13.604	180	709153	81.962	ug/L	99
112) Hexachlorobutadiene	14.172	225	324559	82.208	ug/L	99
113) 1,2,4-Trichlorobenzene	14.201	180	622417	81.010	ug/L	100
114) Naphthalene	14.496	128	1081128	78.880	ug/L	100
115) 1,2,3-Trichlorobenzene	14.666	180	551230	79.920	ug/L	100

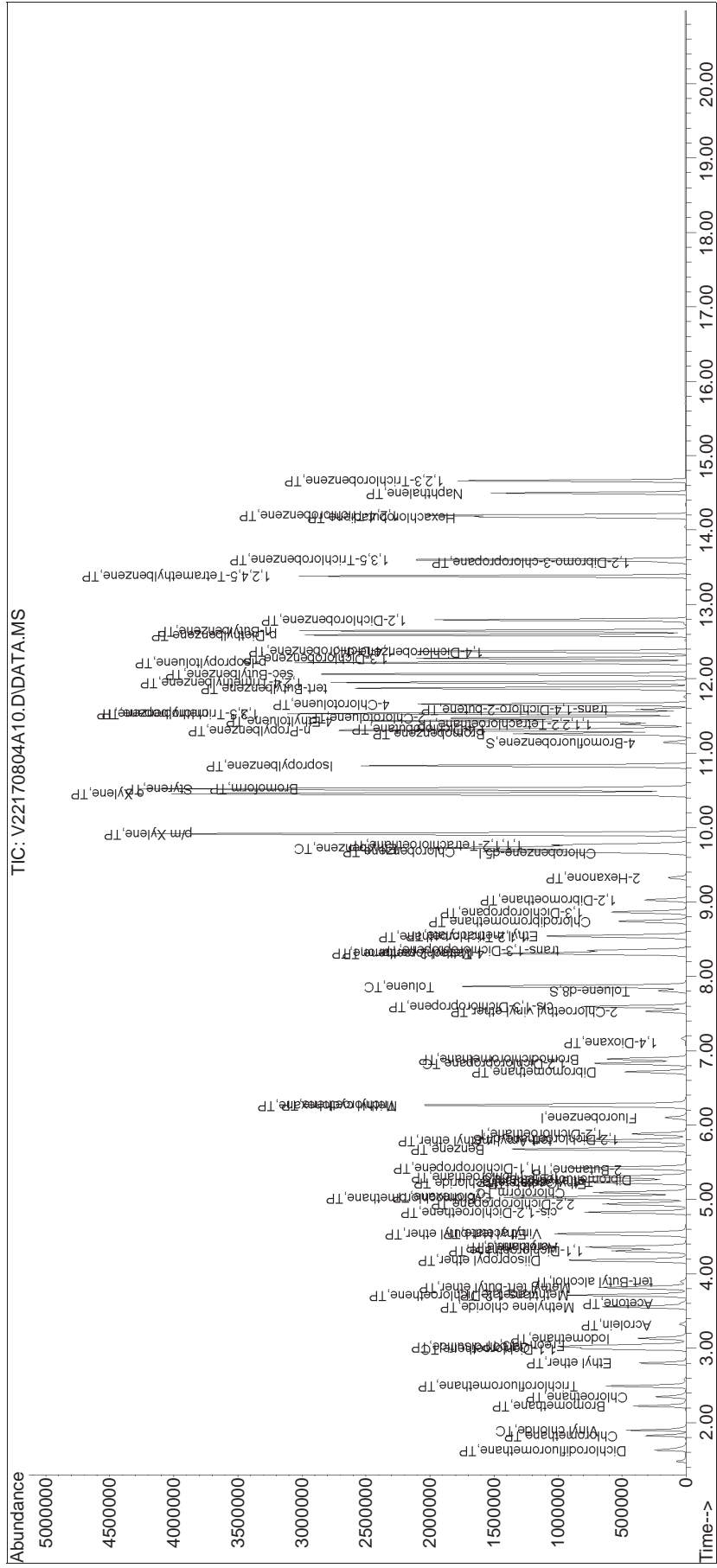
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA122\2017\170804A\
 Data File : V22170804A10.D
 Acq On : 04 Aug 2017 23:54
 Operator : VOA122:MAB
 Sample : ISTD16
 Misc : WG1029271,ICAL
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 05 11:30:26 2017
 Quant Method : I:\VOLATILES\VOA122\2017\170804A\V122_170804A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sat Aug 05 11:24:55 2017
 Response via : Initial Calibration

Sub List : 8260-Curve - Megamix plus Diox70804A\V22170804A08.D•



Manual Integration Report

Data Path : I:\VOLATILES\VOA122\2017\1QMethod : V122_170804A_8260.m
Data File : V22170804A10.D Operator : VOA122:MAB
Date Inj'd : 8/4/2017 23:54 Instrument : VOA122
Sample : ISTD6 Quant Date : 8/5/2017 11:26 am

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA122\2017\170804A\
 Data File : V22170804A11.D
 Acq On : 05 Aug 2017 00:21
 Operator : VOA122:MAB
 Sample : ISTD18
 Misc : WG1029271,ICAL
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 05 11:30:34 2017
 Quant Method : I:\VOLATILES\VOA122\2017\170804A\V122_170804A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sat Aug 05 11:24:55 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA122\2017\170804A\V22170804A08.D
 Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	

Internal Standards							
1) Fluorobenzene	6.101	96	177883	10.000	ug/L	0.00	
Standard Area 1 = 168241			Recovery = 105.73%				
62) Chlorobenzene-d5	9.658	117	155537	10.000	ug/L	0.00	
Standard Area 1 = 139995			Recovery = 111.10%				
83) 1,4-Dichlorobenzene-d4	12.357	152	82587	10.000	ug/L	0.00	
Standard Area 1 = 75642			Recovery = 109.18%				
System Monitoring Compounds							
38) Dibromofluoromethane	5.270	113	46198	9.966	ug/L	0.00	
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.66%				
46) 1,2-Dichloroethane-d4	5.813	65	42335	9.939	ug/L	0.00	
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.39%				
63) Toluene-d8	7.807	98	184270	9.707	ug/L	0.00	
Spiked Amount 10.000	Range 70 - 130		Recovery = 97.07%				
87) 4-Bromofluorobenzene	11.144	95	70728	9.908	ug/L	0.00	
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.08%				
Target Compounds							
							Qvalue
2) Dichlorodifluoromethane	1.628	85	451920	117.308	ug/L		99
3) Chloromethane	1.824	50	473400	116.623	ug/L		99
4) Vinyl chloride	1.896	62	633538	118.507	ug/L		99
5) Bromomethane	2.227	94	437327	152.084	ug/L		98
6) Chloroethane	2.350	64	383001	124.170	ug/L		100
7) Trichlorofluoromethane	2.495	101	909325	124.576	ug/L		100
8) Ethyl ether	2.804	74	268301	3236.709	ug/L	#	1
10) 1,1-Dichloroethene	2.990	96	551109	128.077	ug/L		98
11) Carbon disulfide	3.021	76	1347341	126.363	ug/L		99
12) Freon-113	3.042	101	500202	126.569	ug/L		99
13) Iodomethane	3.135	142	731525	140.402	ug/L		99
14) Acrolein	3.320	56	76864	123.530	ug/L		99
15) Methylene chloride	3.558	84	549696	121.429	ug/L		98
17) Acetone	3.609	43	64453	117.614	ug/L		92
18) trans-1,2-Dichloroethene	3.712	96	619657	126.224	ug/L		98
19) Methyl acetate	3.733	43	172247	114.855	ug/L		97
21) Methyl tert-butyl ether	3.816	73	1278234	118.572	ug/L		98
22) tert-Butyl alcohol	3.898	59	86925	577.746	ug/L		95
24) Diisopropyl ether	4.187	45	1388791	119.691	ug/L		99
25) 1,1-Dichloroethane	4.311	63	945312	119.359	ug/L		100
26) Halothane	4.362	117	476597	124.119	ug/L		100

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA122\2017\170804A\
 Data File : V22170804A11.D
 Acq On : 05 Aug 2017 00:21
 Operator : VOA122:MAB
 Sample : ISTD18
 Misc : WG1029271,ICAL
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 05 11:30:34 2017
 Quant Method : I:\VOLATILES\VOA122\2017\170804A\V122_170804A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sat Aug 05 11:24:55 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA122\2017\170804A\V22170804A08.D
 Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) Acrylonitrile	4.362	53	99403	115.116	ug/L	97
28) Ethyl tert-butyl ether	4.538	59	1398722	118.351	ug/L	98
29) Vinyl acetate	4.548	43	881666	120.515	ug/L	99
30) cis-1,2-Dichloroethene	4.827	96	646753	120.344	ug/L	99
31) 2,2-Dichloropropane	4.940	77	804921	116.402	ug/L	97
32) Bromochloromethane	5.023	128	273788	117.859	ug/L	96
33) Cyclohexane	5.033	56	851949	122.227	ug/L	98
34) Chloroform	5.095	83	978597	118.356	ug/L	99
35) Ethyl acetate	5.219	43	263897	117.666	ug/L	99
36) Carbon tetrachloride	5.239	117	880734	126.081	ug/L	99
37) Tetrahydrofuran	5.250	42	89851	110.868	ug/L	94
39) 1,1,1-Trichloroethane	5.301	97	964493	123.202	ug/L	99
41) 2-Butanone	5.404	43	100747	116.203	ug/L	92
42) 1,1-Dichloropropene	5.425	75	803759	123.810	ug/L	99
44) Benzene	5.681	78	2405196	128.914	ug/L	98
45) tert-Amyl methyl ether	5.790	73	1284435	118.030	ug/L	99
47) 1,2-Dichloroethane	5.883	62	585820	114.763	ug/L	99
50) Methyl cyclohexane	6.265	83	988191	128.284	ug/L	98
51) Trichloroethene	6.272	95	640248	126.898	ug/L	100
53) Dibromomethane	6.716	93	220049	117.021	ug/L	99
54) 1,2-Dichloropropane	6.833	63	504681	121.062	ug/L	99
56) 2-Chloroethyl vinyl ether	7.529	63	255244	117.468	ug/L	98
57) Bromodichloromethane	6.887	83	763028	124.744	ug/L	100
60) 1,4-Dioxane	7.113	88	8909	1177.158	ug/L #	87
61) cis-1,3-Dichloropropene	7.592	75	874340	123.525	ug/L	98
64) Toluene	7.869	92	1507748	118.932	ug/L	97
65) 4-Methyl-2-pentanone	8.313	58	111644	119.600	ug/L	96
66) Tetrachloroethene	8.306	166	812165	122.597	ug/L	99
68) trans-1,3-Dichloropropene	8.348	75	752634	117.391	ug/L	97
70) Ethyl methacrylate	8.549	69	552416	121.474	ug/L	99
71) 1,1,2-Trichloroethane	8.535	83	353617	115.743	ug/L	100
72) Chlorodibromomethane	8.743	129	577353	121.351	ug/L	100
73) 1,3-Dichloropropane	8.868	76	705893	113.712	ug/L	99
74) 1,2-Dibromoethane	9.027	107	475246	128.129	ug/L	100
76) 2-Hexanone	9.328	43	165180	116.626	ug/L	98
77) Chlorobenzene	9.680	112	1744300	118.441	ug/L	99
78) Ethylbenzene	9.723	91	2956063	116.871	ug/L	98
79) 1,1,1,2-Tetrachloroethane	9.766	131	613354	117.476	ug/L	98
80) p/m Xylene	9.917	106	2389565	237.137	ug/L	95
81) o Xylene	10.455	106	2212756	239.168	ug/L	96

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA122\2017\170804A\
 Data File : V22170804A11.D
 Acq On : 05 Aug 2017 00:21
 Operator : VOA122:MAB
 Sample : ISTD18
 Misc : WG1029271,ICAL
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 05 11:30:34 2017
 Quant Method : I:\VOLATILES\VOA122\2017\170804A\V122_170804A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sat Aug 05 11:24:55 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA122\2017\170804A\V22170804A08.D
 Sub List : 8260-Curve - Megamix plus Diox

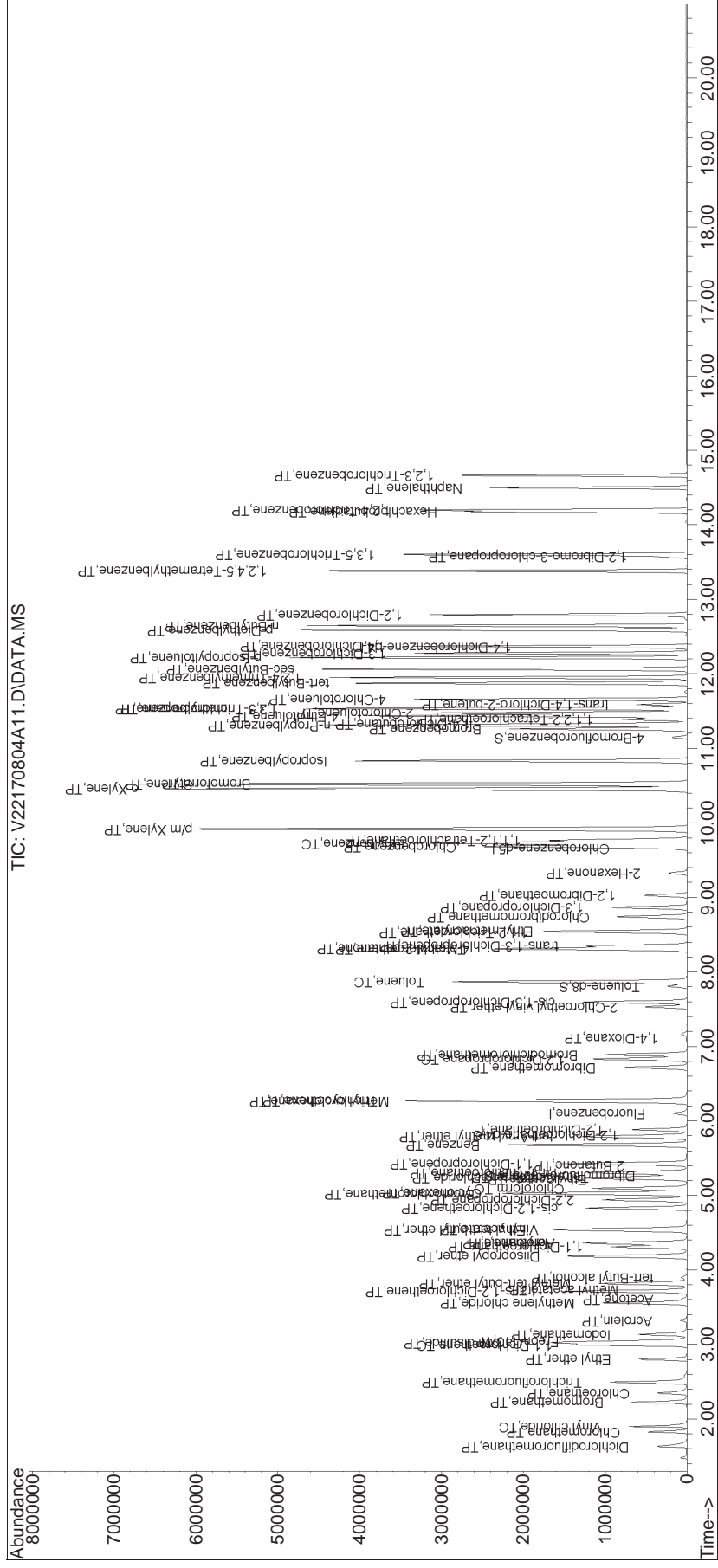
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) Styrene	10.519	104	3608902	241.908	ug/L	100
84) Bromoform	10.530	173	402577	129.105	ug/L	100
86) Isopropylbenzene	10.832	105	3101329	118.341	ug/L	99
88) Bromobenzene	11.262	156	744932	120.390	ug/L	100
89) n-Propylbenzene	11.305	91	3538388	117.601	ug/L	98
90) 1,4-Dichlorobutane	11.327	55	606351	112.816	ug/L	98
91) 1,1,2,2-Tetrachloroethane	11.391	83	442762	112.142	ug/L	99
92) 4-Ethyltoluene	11.434	105	2798163	114.276	ug/L	98
93) 2-Chlorotoluene	11.477	91	2212385	114.245	ug/L	98
94) 1,3,5-Trimethylbenzene	11.531	105	2419181	116.964	ug/L	99
95) 1,2,3-Trichloropropane	11.531	75	355170	112.823	ug/L	98
96) trans-1,4-Dichloro-2-b...	11.585	53	111291	111.328	ug/L	90
97) 4-Chlorotoluene	11.660	91	2023289	115.577	ug/L	98
98) tert-Butylbenzene	11.877	119	2229793	118.948	ug/L	100
101) 1,2,4-Trimethylbenzene	11.951	105	2423513	118.623	ug/L	99
102) sec-Butylbenzene	12.062	105	3155886	116.334	ug/L	98
103) p-Isopropyltoluene	12.217	119	2764472	118.281	ug/L	98
104) 1,3-Dichlorobenzene	12.276	146	1445713	119.231	ug/L	100
105) 1,4-Dichlorobenzene	12.372	146	1427979	119.032	ug/L	99
106) p-Diethylbenzene	12.586	119	1652221	123.109	ug/L	99
107) n-Butylbenzene	12.645	91	2440572	119.160	ug/L	99
108) 1,2-Dichlorobenzene	12.792	146	1301766	120.925	ug/L	100
109) 1,2,4,5-Tetramethylben...	13.382	119	2431098	124.446	ug/L	99
110) 1,2-Dibromo-3-chloropr...	13.574	155	82297	126.492	ug/L	100
111) 1,3,5-Trichlorobenzene	13.604	180	1137755	126.274	ug/L	99
112) Hexachlorobutadiene	14.179	225	537875	130.827	ug/L	99
113) 1,2,4-Trichlorobenzene	14.201	180	1003062	125.367	ug/L	99
114) Naphthalene	14.496	128	1720232	120.523	ug/L	100
115) 1,2,3-Trichlorobenzene	14.666	180	883584	123.017	ug/L	99

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

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA122\2017\170804A\
 Data File : V22170804A11.D
 Acq On : 05 Aug 2017 00:21
 Operator : VOA122:MAB
 Sample : ISTD18
 Misc : WG1029271,ICAL
 ALS Vial : 11 Sample Multiplier: 1
 Quant Time: Aug 05 11:30:34 2017
 Quant Method : I:\VOLATILES\VOA122\2017\170804A\V122_170804A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sat Aug 05 11:24:55 2017
 Response via : Initial Calibration

Sub List : 8260-Curve - Megamix plus Diox70804A\V22170804A08.D•



Manual Integration Report

Data Path : I:\VOLATILES\VOA122\2017\1QMethod : V122_170804A_8260.m
Data File : V22170804A11.D Operator : VOA122:MAB
Date Inj'd : 8/5/2017 0:21 Instrument : VOA122
Sample : ISTD8 Quant Date : 8/5/2017 11:26 am

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA122\2017\170804A\
 Data File : V22170804A12.D
 Acq On : 05 Aug 2017 00:48
 Operator : VOA122:MAB
 Sample : ISTD10
 Misc : WG1029271,ICAL
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Aug 05 11:30:43 2017
 Quant Method : I:\VOLATILES\VOA122\2017\170804A\V122_170804A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sat Aug 05 11:24:55 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA122\2017\170804A\V22170804A08.D
 Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	

Internal Standards							
1) Fluorobenzene	6.101	96	179405	10.000	ug/L	0.00	
Standard Area 1 = 168241			Recovery = 106.64%				
62) Chlorobenzene-d5	9.669	117	156988	10.000	ug/L	0.01	
Standard Area 1 = 139995			Recovery = 112.14%				
83) 1,4-Dichlorobenzene-d4	12.357	152	84173	10.000	ug/L	0.00	
Standard Area 1 = 75642			Recovery = 111.28%				
System Monitoring Compounds							
38) Dibromofluoromethane	5.281	113	46159	9.874	ug/L	0.01	
Spiked Amount 10.000	Range 70 - 130		Recovery = 98.74%				
46) 1,2-Dichloroethane-d4	5.813	65	43122	10.037	ug/L	0.00	
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.37%				
63) Toluene-d8	7.807	98	184958	9.653	ug/L	0.00	
Spiked Amount 10.000	Range 70 - 130		Recovery = 96.53%				
87) 4-Bromofluorobenzene	11.144	95	70184	9.646	ug/L	0.00	
Spiked Amount 10.000	Range 70 - 130		Recovery = 96.46%				
Target Compounds							
							Qvalue
2) Dichlorodifluoromethane	1.628	85	735009	189.173	ug/L		99
3) Chloromethane	1.824	50	793527	193.829	ug/L		99
4) Vinyl chloride	1.896	62	1029783	190.994	ug/L		99
5) Bromomethane	2.227	94	756615	260.886	ug/L		98
6) Chloroethane	2.340	64	634477	203.954	ug/L		100
7) Trichlorofluoromethane	2.495	101	1493223	202.834	ug/L		99
8) Ethyl ether	2.804	74	458410	5483.216	ug/L	#	1
10) 1,1-Dichloroethene	2.990	96	923719	212.851	ug/L		95
11) Carbon disulfide	3.021	76	2236080	207.936	ug/L		99
12) Freon-113	3.031	101	828666	207.903	ug/L		98
13) Iodomethane	3.135	142	1201977	228.739	ug/L		99
14) Acrolein	3.320	56	132241	210.725	ug/L		99
15) Methylene chloride	3.558	84	931098	203.937	ug/L		97
17) Acetone	3.609	43	109258	197.683	ug/L		93
18) trans-1,2-Dichloroethene	3.712	96	1033921	208.822	ug/L		97
19) Methyl acetate	3.723	43	287181	189.869	ug/L		97
21) Methyl tert-butyl ether	3.816	73	2137013	196.553	ug/L		98
22) tert-Butyl alcohol	3.898	59	146492	965.398	ug/L		94
24) Diisopropyl ether	4.187	45	2298347	196.399	ug/L		98
25) 1,1-Dichloroethane	4.311	63	1560496	195.363	ug/L		100
26) Halothane	4.362	117	788873	203.702	ug/L		99

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA122\2017\170804A\
 Data File : V22170804A12.D
 Acq On : 05 Aug 2017 00:48
 Operator : VOA122:MAB
 Sample : ISTD10
 Misc : WG1029271,ICAL
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Aug 05 11:30:43 2017
 Quant Method : I:\VOLATILES\VOA122\2017\170804A\V122_170804A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sat Aug 05 11:24:55 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA122\2017\170804A\V22170804A08.D
 Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) Acrylonitrile	4.362	53	167160	191.941	ug/L	98
28) Ethyl tert-butyl ether	4.538	59	2332750	195.708	ug/L	98
29) Vinyl acetate	4.548	43	1470774	199.334	ug/L	98
30) cis-1,2-Dichloroethene	4.827	96	1081195	199.476	ug/L	98
31) 2,2-Dichloropropane	4.940	77	1322954	189.693	ug/L	96
32) Bromochloromethane	5.023	128	459970	196.326	ug/L	94
33) Cyclohexane	5.033	56	1393888	198.281	ug/L	97
34) Chloroform	5.095	83	1623795	194.723	ug/L	99
35) Ethyl acetate	5.219	43	435715	192.627	ug/L	98
36) Carbon tetrachloride	5.239	117	1464330	207.848	ug/L	99
37) Tetrahydrofuran	5.250	42	147612	180.595	ug/L	91
39) 1,1,1-Trichloroethane	5.301	97	1605983	203.404	ug/L	99
41) 2-Butanone	5.404	43	167789	191.888	ug/L	90
42) 1,1-Dichloropropene	5.425	75	1322634	202.008	ug/L	98
44) Benzene	5.681	78	3962158	210.562	ug/L	98
45) tert-Amyl methyl ether	5.790	73	2156455	196.481	ug/L	98
47) 1,2-Dichloroethane	5.883	62	975036	189.391	ug/L	98
50) Methyl cyclohexane	6.265	83	1647011	211.996	ug/L	97
51) Trichloroethene	6.272	95	1084967	213.217	ug/L	100
53) Dibromomethane	6.716	93	376707	198.631	ug/L	99
54) 1,2-Dichloropropane	6.833	63	854410	203.216	ug/L	99
56) 2-Chloroethyl vinyl ether	7.529	63	432608	197.405	ug/L	98
57) Bromodichloromethane	6.887	83	1293344	209.649	ug/L	100
60) 1,4-Dioxane	7.113	88	14605	1913.406	ug/L #	89
61) cis-1,3-Dichloropropene	7.592	75	1474880	206.600	ug/L	97
64) Toluene	7.869	92	2538972	198.425	ug/L	96
65) 4-Methyl-2-pentanone	8.313	58	188738	200.319	ug/L	95
66) Tetrachloroethene	8.306	166	1384036	206.991	ug/L	99
68) trans-1,3-Dichloropropene	8.348	75	1267718	195.903	ug/L	96
70) Ethyl methacrylate	8.549	69	935819	203.880	ug/L	99
71) 1,1,2-Trichloroethane	8.535	83	600345	194.684	ug/L	100
72) Chlorodibromomethane	8.743	129	988867	205.924	ug/L	100
73) 1,3-Dichloropropane	8.868	76	1187931	189.595	ug/L	100
74) 1,2-Dibromoethane	9.027	107	808256	215.896	ug/L	99
76) 2-Hexanone	9.328	43	278857	195.068	ug/L	97
77) Chlorobenzene	9.680	112	2932803	197.301	ug/L	99
78) Ethylbenzene	9.734	91	4855659	190.199	ug/L	97
79) 1,1,1,2-Tetrachloroethane	9.766	131	1026075	194.708	ug/L	98
80) p/m Xylene	9.917	106	3929828	386.386	ug/L	92
81) o Xylene	10.455	106	3651181	390.994	ug/L	92

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA122\2017\170804A\
 Data File : V22170804A12.D
 Acq On : 05 Aug 2017 00:48
 Operator : VOA122:MAB
 Sample : ISTD10
 Misc : WG1029271,ICAL
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Aug 05 11:30:43 2017
 Quant Method : I:\VOLATILES\VOA122\2017\170804A\V122_170804A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sat Aug 05 11:24:55 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA122\2017\170804A\V22170804A08.D
 Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) Styrene	10.519	104	5832275	387.330	ug/L	98
84) Bromoform	10.530	173	688575	216.662	ug/L	100
86) Isopropylbenzene	10.832	105	5029104	188.286	ug/L	97
88) Bromobenzene	11.262	156	1263774	200.393	ug/L	99
89) n-Propylbenzene	11.316	91	5654699	184.398	ug/L	95
90) 1,4-Dichlorobutane	11.327	55	1007003	183.831	ug/L	98
91) 1,1,2,2-Tetrachloroethane	11.391	83	725792	180.364	ug/L	99
92) 4-Ethyltoluene	11.434	105	4516377	180.971	ug/L	96
93) 2-Chlorotoluene	11.477	91	3652696	185.067	ug/L	97
94) 1,3,5-Trimethylbenzene	11.542	105	3945694	187.174	ug/L	97
95) 1,2,3-Trichloropropane	11.531	75	591421	184.330	ug/L	97
96) trans-1,4-Dichloro-2-b...	11.585	53	184842	181.420	ug/L	87
97) 4-Chlorotoluene	11.660	91	3323329	186.263	ug/L	97
98) tert-Butylbenzene	11.877	119	3662737	191.706	ug/L	99
101) 1,2,4-Trimethylbenzene	11.951	105	3964468	190.391	ug/L	98
102) sec-Butylbenzene	12.062	105	5037069	182.180	ug/L	96
103) p-Isopropyltoluene	12.217	119	4456169	187.069	ug/L	97
104) 1,3-Dichlorobenzene	12.276	146	2413637	195.306	ug/L	99
105) 1,4-Dichlorobenzene	12.372	146	2379725	194.628	ug/L	99
106) p-Diethylbenzene	12.593	119	2727659	199.412	ug/L	98
107) n-Butylbenzene	12.645	91	3936435	188.574	ug/L	97
108) 1,2-Dichlorobenzene	12.792	146	2197307	200.269	ug/L	100
109) 1,2,4,5-Tetramethylben...	13.382	119	3951287	198.452	ug/L	97
110) 1,2-Dibromo-3-chloropr...	13.574	155	143648	216.629	ug/L	99
111) 1,3,5-Trichlorobenzene	13.604	180	1913353	208.353	ug/L	98
112) Hexachlorobutadiene	14.179	225	918128	219.109	ug/L	99
113) 1,2,4-Trichlorobenzene	14.201	180	1694424	207.785	ug/L	99
114) Naphthalene	14.496	128	2888218	198.542	ug/L	100
115) 1,2,3-Trichlorobenzene	14.666	180	1488602	203.346	ug/L	100

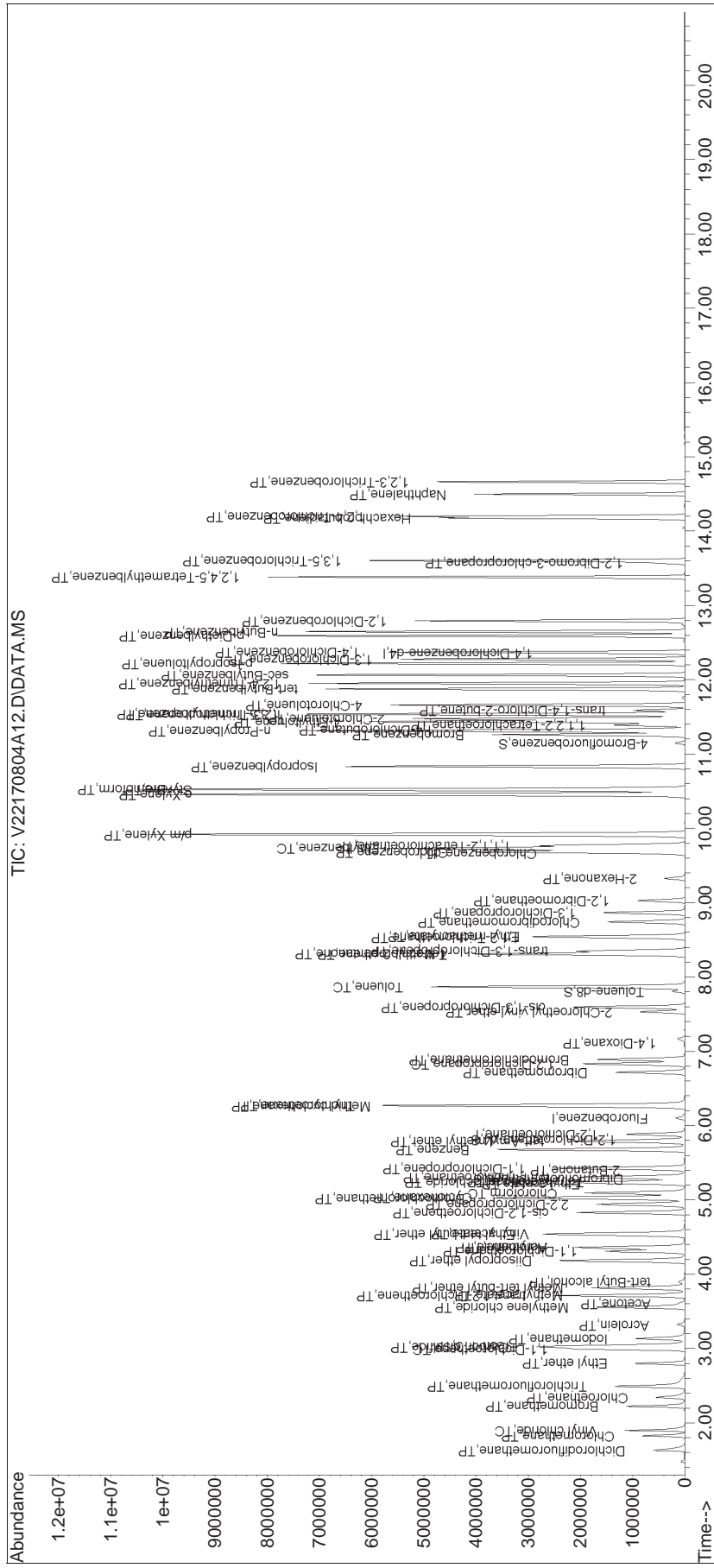
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA122\2017\170804A\
 Data File : V22170804A12.D
 Acq On : 05 Aug 2017 00:48
 Operator : VOA122:MAB
 Sample : ISTD110
 Misc : WG1029271,ICAL
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Aug 05 11:30:43 2017
 Quant Method : I:\VOLATILES\VOA122\2017\170804A\V122_170804A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sat Aug 05 11:24:55 2017
 Response via : Initial Calibration

Sub List : 8260-Curve - Megamix plus Diox70804A\V22170804A08.D•



Manual Integration Report

Data Path : I:\VOLATILES\VOA122\2017\1QMethod : V122_170804A_8260.m
Data File : V22170804A12.D Operator : VOA122:MAB
Date Inj'd : 8/5/2017 0:48 Instrument : VOA122
Sample : ISTD10 Quant Date : 8/5/2017 11:26 am

There are no manual integrations or false positives in this file.

Evaluate Continuing Calibration Report

Data Path : I:\VOLATILES\VOA122\2017\170804A\
 Data File : V22170804A18.D
 Acq On : 05 Aug 2017 03:34
 Operator : VOA122:MAB
 Sample : CSTDL3
 Misc : WG1029271,ICAL
 ALS Vial : 18 Sample Multiplier: 1

Quant Time: Aug 05 11:45:26 2017
 Quant Method : I:\VOLATILES\VOA122\2017\170804A\V122_170804A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sat Aug 05 11:45:14 2017
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 200%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I Fluorobenzene	1.000	1.000	0.0	103	0.00
2 TP Dichlorodifluoromethane	0.200	0.227	-13.5	108	0.01
3 TP Chloromethane	0.228	0.247	-8.3	112	0.01
4 TC Vinyl chloride	0.286	0.307	-7.3	106	0.00
5 TP Bromomethane	0.187	0.184	1.6	117	0.00
6 TP Chloroethane	0.172	0.178	-3.5	106	0.00
7 TP Trichlorofluoromethane	0.393	0.403	-2.5	102	0.00
8 TP Ethyl ether	0.122	0.129	-5.7	109	0.00
10 TC 1,1-Dichloroethene	0.243	0.249	-2.5	106	0.00
11 TP Carbon disulfide	0.624	0.655	-5.0	113	0.00
12 TP Freon-113	0.212	0.257	-21.2#	120	0.00
13 TP Iodomethane	0.320	0.227	29.1#	80	0.00
14 TP Acrolein	0.035	0.021#	40.0#	61	0.00
15 TP Methylene chloride	0.259	0.257	0.8	104	0.00
17 TP Acetone	0.031	0.030#	3.2	102	0.00
18 TP trans-1,2-Dichloroethene	0.280	0.273	2.5	102	0.00
19 TP Methyl acetate	0.081	0.099#	-22.2#	121	0.00
21 TP Methyl tert-butyl ether	0.600	0.591	1.5	101	0.00
22 TP tert-Butyl alcohol	0.00775	0.01001#	-29.2#	122	0.01
24 TP Diisopropyl ether	0.652	0.666	-2.1	106	0.00
25 TP 1,1-Dichloroethane	0.444	0.452	-1.8	105	0.00
26 TP Halothane	0.214	0.219	-2.3	105	0.00
27 TP Acrylonitrile	0.044	0.047#	-6.8	100	0.00
28 TP Ethyl tert-butyl ether	0.658	0.682	-3.6	106	0.00
29 TP Vinyl acetate	0.408	0.382	6.4	96	0.01
30 TP cis-1,2-Dichloroethene	0.301	0.304	-1.0	104	0.00
31 TP 2,2-Dichloropropane	0.384	0.343	10.7	91	0.00
32 TP Bromochloromethane	0.127	0.131	-3.1	104	0.00
33 TP Cyclohexane	0.372	0.424	-14.0	112	0.00
34 TC Chloroform	0.461	0.471	-2.2	105	0.00
35 TP Ethyl acetate	0.124	0.135	-8.9	111	0.00
36 TP Carbon tetrachloride	0.364	0.380	-4.4	100	0.00
37 TP Tetrahydrofuran	0.046	0.045#	2.2	102	0.00
38 S Dibromofluoromethane	0.258	0.253	1.9	101	0.00
39 TP 1,1,1-Trichloroethane	0.438	0.436	0.5	102	0.00
41 TP 2-Butanone	0.046	0.046#	0.0	99	0.00
42 TP 1,1-Dichloropropene	0.362	0.363	-0.3	103	0.00
44 TP Benzene	1.082	1.070	1.1	105	0.00
45 TP tert-Amyl methyl ether	0.607	0.628	-3.5	106	0.00

Evaluate Continuing Calibration Report

Data Path : I:\VOLATILES\VOA122\2017\170804A\
 Data File : V22170804A18.D
 Acq On : 05 Aug 2017 03:34
 Operator : VOA122:MAB
 Sample : CSTDL3
 Misc : WG1029271,ICAL
 ALS Vial : 18 Sample Multiplier: 1

Quant Time: Aug 05 11:45:26 2017
 Quant Method : I:\VOLATILES\VOA122\2017\170804A\V122_170804A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sat Aug 05 11:45:14 2017
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 S	1,2-Dichloroethane-d4	0.239	0.235	1.7	102	0.00
47 T	1,2-Dichloroethane	0.281	0.273	2.8	98	0.00
50 TP	Methyl cyclohexane	0.423	0.484	-14.4	116	0.00
51 TP	Trichloroethene	0.279	0.287	-2.9	105	0.00
53 TP	Dibromomethane	0.104	0.106	-1.9	104	0.00
54 TC	1,2-Dichloropropane	0.235	0.236	-0.4	104	0.00
56 TP	2-Chloroethyl vinyl ether	0.119	0.110	7.6	93	0.00
57 TP	Bromodichloromethane	0.350	0.327	6.6	98	0.00
60 TP	1,4-Dioxane	0.00042	0.00049#	-16.7	119	0.00
61 TP	cis-1,3-Dichloropropene	0.403	0.390	3.2	101	0.00
62 I	Chlorobenzene-d5	1.000	1.000	0.0	103	0.00
63 S	Toluene-d8	1.202	1.217	-1.2	102	0.00
64 TC	Toluene	0.813	0.840	-3.3	106	0.00
65 TP	4-Methyl-2-pentanone	0.059	0.056#	5.1	96	0.00
66 TP	Tetrachloroethene	0.420	0.423	-0.7	102	0.00
68 TP	trans-1,3-Dichloropropene	0.402	0.401	0.2	100	0.00
70 TP	Ethyl methacrylate	0.286	0.293	-2.4	103	0.00
71 TP	1,1,2-Trichloroethane	0.192	0.197	-2.6	103	0.00
72 TP	Chlorodibromomethane	0.303	0.305	-0.7	102	0.00
73 TP	1,3-Dichloropropane	0.390	0.404	-3.6	104	0.00
74 TP	1,2-Dibromoethane	0.244	0.242	0.8	104	0.00
76 TP	2-Hexanone	0.086	0.086#	0.0	97	0.00
77 TP	Chlorobenzene	0.945	0.941	0.4	102	0.00
78 TC	Ethylbenzene	1.597	1.663	-4.1	105	0.00
79 TP	1,1,1,2-Tetrachloroethane	0.330	0.343	-3.9	105	0.00
80 TP	p/m Xylene	0.640	0.651	-1.7	103	0.00
81 TP	o Xylene	0.587	0.625	-6.5	108	0.00
82 TP	Styrene	0.947	1.003	-5.9	107	0.00
83 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	102	0.00
84 TP	Bromoform	0.384	0.377	1.8	102	0.00
86 TP	Isopropylbenzene	3.124	3.098	0.8	100	0.00
87 S	4-Bromofluorobenzene	0.864	0.870	-0.7	103	0.00
88 TP	Bromobenzene	0.756	0.757	-0.1	103	0.00
89 TP	n-Propylbenzene	3.556	3.578	-0.6	100	0.00
90 TP	1,4-Dichlorobutane	0.632	0.670	-6.0	105	0.00
91 TP	1,1,2,2-Tetrachloroethane	0.464	0.489	-5.4	105	0.01
92 TP	4-Ethyltoluene	2.865	3.228	-12.7	111	0.00

Evaluate Continuing Calibration Report

Data Path : I:\VOLATILES\VOA122\2017\170804A\
 Data File : V22170804A18.D
 Acq On : 05 Aug 2017 03:34
 Operator : VOA122:MAB
 Sample : CSTDL3
 Misc : WG1029271,ICAL
 ALS Vial : 18 Sample Multiplier: 1

Quant Time: Aug 05 11:45:26 2017
 Quant Method : I:\VOLATILES\VOA122\2017\170804A\V122_170804A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sat Aug 05 11:45:14 2017
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
93 TP	2-Chlorotoluene	2.297	2.386	-3.9	104	0.00
94 TP	1,3,5-Trimethylbenzene	2.447	2.469	-0.9	101	0.00
95 TP	1,2,3-Trichloropropane	0.372	0.390	-4.8	105	0.00
96 TP	trans-1,4-Dichloro-2-butene	0.117	0.119	-1.7	100	0.00
97 TP	4-Chlorotoluene	2.093	2.053	1.9	99	0.01
98 TP	tert-Butylbenzene	2.243	2.249	-0.3	101	0.00
101 TP	1,2,4-Trimethylbenzene	2.450	2.514	-2.6	104	0.00
102 TP	sec-Butylbenzene	3.176	3.321	-4.6	103	0.00
103 TP	p-Isopropyltoluene	2.756	2.801	-1.6	101	0.00
104 TP	1,3-Dichlorobenzene	1.464	1.467	-0.2	102	0.00
105 TP	1,4-Dichlorobenzene	1.446	1.413	2.3	99	0.00
106 TP	p-Diethylbenzene	1.599	1.678	-4.9	106	0.00
107 TP	n-Butylbenzene	2.408	2.460	-2.2	101	0.00
108 TP	1,2-Dichlorobenzene	1.315	1.292	1.7	101	0.00
109 TP	1,2,4,5-Tetramethylbenzene	2.362	2.493	-5.5	108	0.00
110 TP	1,2-Dibromo-3-chloropropane	0.077	0.082	-6.5	106	0.00
111 TP	1,3,5-Trichlorobenzene	1.101	1.109	-0.7	104	0.00
112 TP	Hexachlorobutadiene	0.493	0.476	3.4	98	0.00
113 TP	1,2,4-Trichlorobenzene	0.968	0.963	0.5	102	0.00
114 TP	Naphthalene	1.710	1.729	-1.1	102	0.00
115 TP	1,2,3-Trichlorobenzene	0.872	0.854	2.1	100	0.00

* Evaluation of CC level amount vs concentration.

(#) = Out of Range SPCC's out = 10 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA122\2017\170804A\
 Data File : V22170804A18.D
 Acq On : 05 Aug 2017 03:34
 Operator : VOA122:MAB
 Sample : CSTDL3
 Misc : WG1029271,ICAL
 ALS Vial : 18 Sample Multiplier: 1

Quant Time: Aug 05 11:45:26 2017
 Quant Method : I:\VOLATILES\VOA122\2017\170804A\V122_170804A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sat Aug 05 11:45:14 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA122\2017\170804A\V22170804A08.D
 Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	

Internal Standards							
1) Fluorobenzene	6.101	96	173947	10.000	ug/L	0.00	
Standard Area 1 = 168241			Recovery = 103.39%				
62) Chlorobenzene-d5	9.658	117	143529	10.000	ug/L	0.00	
Standard Area 1 = 139995			Recovery = 102.52%				
83) 1,4-Dichlorobenzene-d4	12.349	152	77346	10.000	ug/L	0.00	
Standard Area 1 = 75642			Recovery = 102.25%				
System Monitoring Compounds							
38) Dibromofluoromethane	5.270	113	44080	9.805	ug/L	0.00	
Spiked Amount 10.000	Range 70 - 130		Recovery = 98.05%				
46) 1,2-Dichloroethane-d4	5.813	65	40923	9.835	ug/L	0.00	
Spiked Amount 10.000	Range 70 - 130		Recovery = 98.35%				
63) Toluene-d8	7.807	98	174740	10.128	ug/L	0.00	
Spiked Amount 10.000	Range 70 - 130		Recovery = 101.28%				
87) 4-Bromofluorobenzene	11.143	95	67279	10.069	ug/L	0.00	
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.69%				
Target Compounds							
							Qvalue
2) Dichlorodifluoromethane	1.638	85	39471	11.329	ug/L		99
3) Chloromethane	1.834	50	42981	10.829	ug/L		99
4) Vinyl chloride	1.896	62	53371	10.744	ug/L		99
5) Bromomethane	2.226	94	31938	9.821	ug/L		100
6) Chloroethane	2.350	64	30997	10.374	ug/L		100
7) Trichlorofluoromethane	2.495	101	70166	10.255	ug/L		100
8) Ethyl ether	2.804	74	22369	10.532	ug/L	#	1
10) 1,1-Dichloroethene	2.990	96	43231	10.236	ug/L		100
11) Carbon disulfide	3.021	76	114000	10.508	ug/L		100
12) Freon-113	3.042	101	44686	12.100	ug/L		99
13) Iodomethane	3.134	142	39428	7.076	ug/L		99
14) Acrolein	3.330	56	3614	5.873	ug/L		96
15) Methylene chloride	3.557	84	44626	9.915	ug/L		99
17) Acetone	3.609	43	5298	9.745	ug/L		99
18) trans-1,2-Dichloroethene	3.712	96	47542	9.744	ug/L		100
19) Methyl acetate	3.733	43	17195	12.155	ug/L		97
21) Methyl tert-butyl ether	3.815	73	102803	9.852	ug/L		100
22) tert-Butyl alcohol	3.908	59	8706	64.549	ug/L		96
24) Diisopropyl ether	4.187	45	115831	10.209	ug/L		100
25) 1,1-Dichloroethane	4.311	63	78623	10.190	ug/L		99
26) Halothane	4.362	117	38164	10.276	ug/L		100

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA122\2017\170804A\
 Data File : V22170804A18.D
 Acq On : 05 Aug 2017 03:34
 Operator : VOA122:MAB
 Sample : CSTDL3
 Misc : WG1029271,ICAL
 ALS Vial : 18 Sample Multiplier: 1

Quant Time: Aug 05 11:45:26 2017
 Quant Method : I:\VOLATILES\VOA122\2017\170804A\V122_170804A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sat Aug 05 11:45:14 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA122\2017\170804A\V22170804A08.D
 Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) Acrylonitrile	4.362	53	8192	10.615	ug/L	97
28) Ethyl tert-butyl ether	4.538	59	118639	10.365	ug/L	96
29) Vinyl acetate	4.558	43	66388	9.346	ug/L	98
30) cis-1,2-Dichloroethene	4.826	96	52891	10.104	ug/L	100
31) 2,2-Dichloropropane	4.940	77	59748	8.952	ug/L	100
32) Bromochloromethane	5.023	128	22803	10.348	ug/L	99
33) Cyclohexane	5.033	56	73745	11.393	ug/L	99
34) Chloroform	5.095	83	81846	10.207	ug/L	99
35) Ethyl acetate	5.219	43	23473	10.843	ug/L	99
36) Carbon tetrachloride	5.239	117	66105	10.445	ug/L	100
37) Tetrahydrofuran	5.260	42	7810	9.723	ug/L	98
39) 1,1,1-Trichloroethane	5.301	97	75857	9.952	ug/L	100
41) 2-Butanone	5.404	43	8081	10.170	ug/L	95
42) 1,1-Dichloropropene	5.425	75	63218	10.044	ug/L	99
44) Benzene	5.681	78	186159	9.895	ug/L	100
45) tert-Amyl methyl ether	5.790	73	109303	10.350	ug/L	100
47) 1,2-Dichloroethane	5.883	62	47507	9.729	ug/L	100
50) Methyl cyclohexane	6.264	83	84193	11.444	ug/L	99
51) Trichloroethene	6.272	95	49888	10.262	ug/L	99
53) Dibromomethane	6.716	93	18509	10.221	ug/L	99
54) 1,2-Dichloropropane	6.833	63	41079	10.061	ug/L	99
56) 2-Chloroethyl vinyl ether	7.529	63	19140	9.247	ug/L	100
57) Bromodichloromethane	6.887	83	56828	9.322	ug/L	99
60) 1,4-Dioxane	7.113	88	4271	582.125	ug/L #	89
61) cis-1,3-Dichloropropene	7.592	75	67887	9.678	ug/L	100
64) Toluene	7.862	92	120625	10.343	ug/L	98
65) 4-Methyl-2-pentanone	8.313	58	8034	9.421	ug/L	99
66) Tetrachloroethene	8.306	166	60736	10.066	ug/L	99
68) trans-1,3-Dichloropropene	8.347	75	57578	9.987	ug/L	99
70) Ethyl methacrylate	8.549	69	42004	10.227	ug/L	99
71) 1,1,2-Trichloroethane	8.535	83	28311	10.263	ug/L	99
72) Chlorodibromomethane	8.743	129	43795	10.065	ug/L	100
73) 1,3-Dichloropropane	8.861	76	58031	10.369	ug/L	100
74) 1,2-Dibromoethane	9.027	107	34704	9.925	ug/L	99
76) 2-Hexanone	9.328	43	12400	10.006	ug/L	100
77) Chlorobenzene	9.680	112	135072	9.958	ug/L	99
78) Ethylbenzene	9.723	91	238733	10.415	ug/L	100
79) 1,1,1,2-Tetrachloroethane	9.766	131	49210	10.403	ug/L	99
80) p/m Xylene	9.916	106	186960	20.364	ug/L	100
81) o Xylene	10.455	106	179510	21.309	ug/L	100

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA122\2017\170804A\
 Data File : V22170804A18.D
 Acq On : 05 Aug 2017 03:34
 Operator : VOA122:MAB
 Sample : CSTDL3
 Misc : WG1029271,ICAL
 ALS Vial : 18 Sample Multiplier: 1

Quant Time: Aug 05 11:45:26 2017
 Quant Method : I:\VOLATILES\VOA122\2017\170804A\V122_170804A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sat Aug 05 11:45:14 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA122\2017\170804A\V22170804A08.D
 Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) Styrene	10.519	104	287778	21.171	ug/L	100
84) Bromoform	10.530	173	29182	9.837	ug/L	100
86) Isopropylbenzene	10.831	105	239600	9.916	ug/L	100
88) Bromobenzene	11.262	156	58584	10.019	ug/L	98
89) n-Propylbenzene	11.305	91	276775	10.062	ug/L	99
90) 1,4-Dichlorobutane	11.326	55	51804	10.603	ug/L	99
91) 1,1,2,2-Tetrachloroethane	11.391	83	37840	10.549	ug/L	98
92) 4-Ethyltoluene	11.434	105	249652	11.265	ug/L	99
93) 2-Chlorotoluene	11.466	91	184534	10.386	ug/L	100
94) 1,3,5-Trimethylbenzene	11.531	105	190980	10.090	ug/L	100
95) 1,2,3-Trichloropropane	11.531	75	30135	10.466	ug/L	99
96) trans-1,4-Dichloro-2-b...	11.585	53	9172	10.145	ug/L	98
97) 4-Chlorotoluene	11.660	91	158766	9.810	ug/L	100
98) tert-Butylbenzene	11.870	119	173960	10.027	ug/L	100
101) 1,2,4-Trimethylbenzene	11.951	105	194444	10.261	ug/L	100
102) sec-Butylbenzene	12.062	105	256832	10.456	ug/L	100
103) p-Isopropyltoluene	12.217	119	216655	10.163	ug/L	100
104) 1,3-Dichlorobenzene	12.276	146	113496	10.024	ug/L	100
105) 1,4-Dichlorobenzene	12.372	146	109260	9.768	ug/L	100
106) p-Diethylbenzene	12.585	119	129760	10.494	ug/L	99
107) n-Butylbenzene	12.644	91	190246	10.213	ug/L	99
108) 1,2-Dichlorobenzene	12.792	146	99893	9.820	ug/L	99
109) 1,2,4,5-Tetramethylben...	13.382	119	192804	10.553	ug/L	100
110) 1,2-Dibromo-3-chloropr...	13.567	155	6335	10.692	ug/L	98
111) 1,3,5-Trichlorobenzene	13.604	180	85771	10.070	ug/L	100
112) Hexachlorobutadiene	14.179	225	36847	9.665	ug/L	99
113) 1,2,4-Trichlorobenzene	14.201	180	74504	9.948	ug/L	100
114) Naphthalene	14.496	128	133744	10.109	ug/L	100
115) 1,2,3-Trichlorobenzene	14.666	180	66023	9.792	ug/L	99

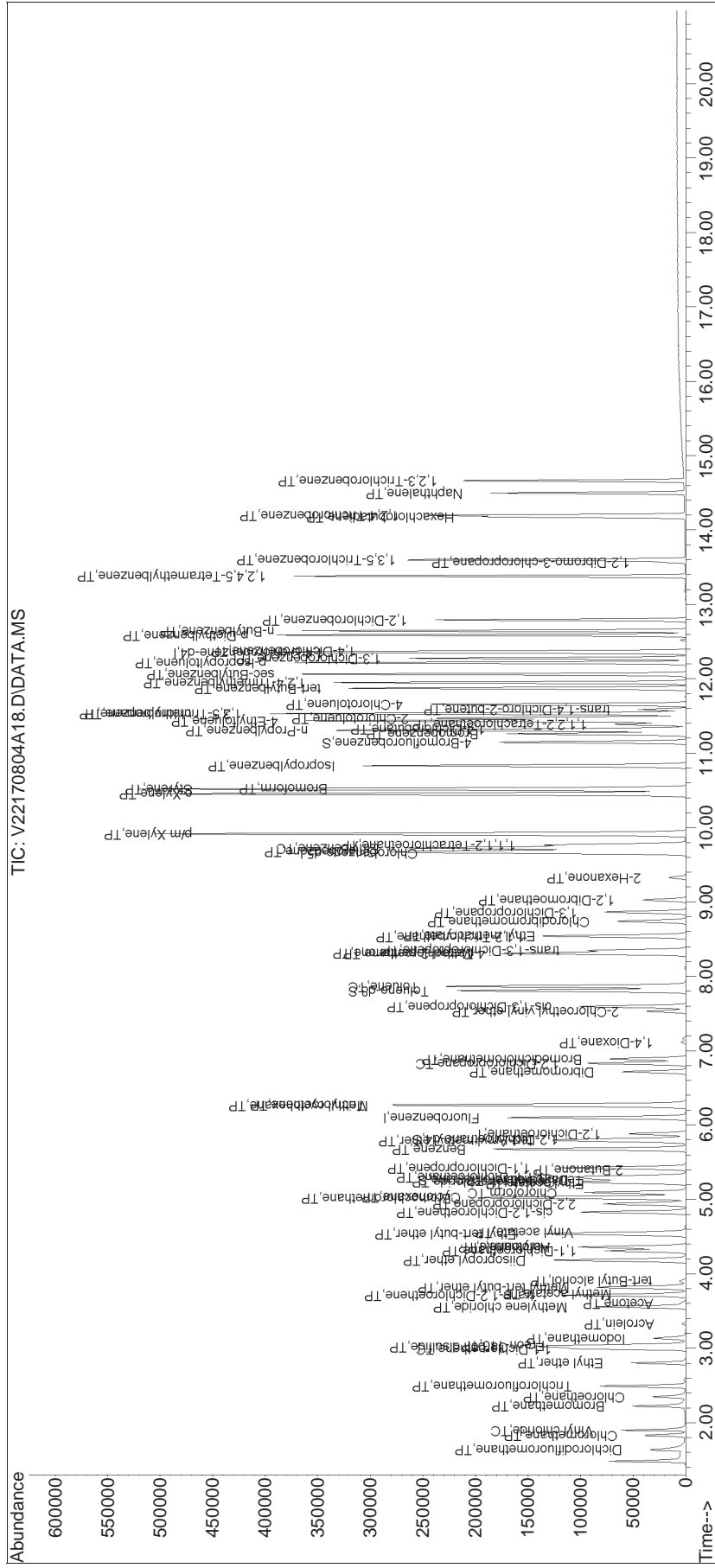
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA122\2017\170804A\
 Data File : V22170804A18.D
 Acq On : 05 Aug 2017 03:34
 Operator : VOA122:MAB
 Sample : CSTD13
 Misc : WG1029271,ICAL
 ALS Vial : 18 Sample Multiplier: 1

Quant Time: Aug 05 11:45:26 2017
 Quant Method : I:\VOLATILES\VOA122\2017\170804A\V122_170804A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sat Aug 05 11:45:14 2017
 Response via : Initial Calibration

Sub List : 8260-Curve - Megamix plus Diox70804A\V22170804A08.D•



Manual Integration Report

Data Path : I:\VOLATILES\VOA122\2017\1QMethod : V122_170804A_8260.m
Data File : V22170804A18.D Operator : VOA122:MAB
Date Inj'd : 8/5/2017 3:34 Instrument : VOA122
Sample : CSTDL3 Quant Date : 8/5/2017 11:45 am

There are no manual integrations or false positives in this file.

Continuing Calibration

Continuing Calibration Form 7

Client : AEI Consultants
 Project Name : VAZQUEZ
 Instrument ID : VOA122
 Lab File ID : V22170814A01
 Sample No : WG1031945-2
 Channel :

Lab Number : L1728063
 Project Number : 344060
 Calibration Date : 08/14/17 12:25
 Init. Calib. Date(s) : 08/04/17 08/05/17
 Init. Calib. Times : 20:41 00:48

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	80	0
Dichlorodifluoromethane	0.2	0.293	-	-46.5*	20	108	0
Chloromethane	0.228	0.251	-	-10.1	20	88	0
Vinyl chloride	0.286	0.344	-	-20.3*	20	91	0
Bromomethane	0.187	0.104	-	44.4*	20	52	0
Chloroethane	0.172	0.212	-	-23.3*	20	98	0
Trichlorofluoromethane	0.393	0.457	-	-16.3	20	89	0
Ethyl ether	0.122	0.132	-	-8.2	20	87	0
1,1-Dichloroethene	0.243	0.281	-	-15.6	20	93	0
Carbon disulfide	0.624	0.745	-	-19.4	20	99	0
Freon-113	0.212	0.249	-	-17.5	20	90	-0.01
Iodomethane	0.32	0.05	-	84.4*	20	14	0
Acrolein	0.035	0.039*	-	-11.4	20	90	0
Methylene chloride	0.259	0.299	-	-15.4	20	94	0
Acetone	0.031	0.034*	-	-9.7	20	88	0
trans-1,2-Dichloroethene	0.28	0.324	-	-15.7	20	94	0
Methyl acetate	0.081	0.09*	-	-11.1	20	85	-0.01
Methyl tert-butyl ether	0.6	0.637	-	-6.2	20	84	0
tert-Butyl alcohol	0.00775	0.01092*	-	-40.9*	20	103	-0.01
Diisopropyl ether	0.652	0.744	-	-14.1	20	91	-0.01
1,1-Dichloroethane	0.444	0.523	-	-17.8	20	94	0
Halothane	0.214	0.239	-	-11.7	20	88	0
Acrylonitrile	0.044	0.052	-	-18.2	20	85	0
Ethyl tert-butyl ether	0.658	0.73	-	-10.9	20	88	-0.01
Vinyl acetate	0.408	0.457	-	-12	20	89	0
cis-1,2-Dichloroethene	0.301	0.352	-	-16.9	20	93	0
2,2-Dichloropropane	0.384	0.498	-	-29.7*	20	102	0
Bromochloromethane	0.127	0.148	-	-16.5	20	90	0
Cyclohexane	0.372	0.449	-	-20.7*	20	92	-0.01
Chloroform	0.461	0.537	-	-16.5	20	92	0
Ethyl acetate	0.124	0.13	-	-4.8	20	82	0
Carbon tetrachloride	0.364	0.45	-	-23.6*	20	92	0
Tetrahydrofuran	0.046	0.046*	-	0	20	81	-0.01
Dibromofluoromethane	0.258	0.252	-	2.3	20	77	0
1,1,1-Trichloroethane	0.438	0.506	-	-15.5	20	92	0
2-Butanone	0.046	0.053*	-	-15.2	20	87	0
1,1-Dichloropropene	0.362	0.426	-	-17.7	20	93	0
Benzene	1.082	1.232	-	-13.9	20	94	0
tert-Amyl methyl ether	0.607	0.65	-	-7.1	20	85	0
1,2-Dichloroethane-d4	0.239	0.226	-	5.4	20	75	0
1,2-Dichloroethane	0.281	0.314	-	-11.7	20	88	0
Methyl cyclohexane	0.423	0.495	-	-17	20	91	0
Trichloroethene	0.279	0.325	-	-16.5	20	92	0
Dibromomethane	0.104	0.104	-	0	20	79	0
1,2-Dichloropropane	0.235	0.27	-	-14.9	20	92	0

* Value outside of QC limits.



Continuing Calibration Form 7

Client : AEI Consultants
 Project Name : VAZQUEZ
 Instrument ID : VOA122
 Lab File ID : V22170814A01
 Sample No : WG1031945-2
 Channel :

Lab Number : L1728063
 Project Number : 344060
 Calibration Date : 08/14/17 12:25
 Init. Calib. Date(s) : 08/04/17 08/05/17
 Init. Calib. Times : 20:41 00:48

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
2-Chloroethyl vinyl ether	0.119	0.123	-	-3.4	20	80	0
Bromodichloromethane	0.35	0.388	-	-10.9	20	90	0
1,4-Dioxane	0.00042	0.00109*	-	-159.5*	20	204	0
cis-1,3-Dichloropropene	0.403	0.453	-	-12.4	20	91	0
Chlorobenzene-d5	1	1	-	0	20	81	0
Toluene-d8	1.202	1.205	-	-0.2	20	80	0
Toluene	0.813	0.924	-	-13.7	20	92	0
4-Methyl-2-pentanone	0.059	0.056*	-	5.1	20	76	0
Tetrachloroethene	0.42	0.471	-	-12.1	20	90	0
trans-1,3-Dichloropropene	0.402	0.449	-	-11.7	20	88	0
Ethyl methacrylate	0.286	0.286	-	0	20	79	0
1,1,2-Trichloroethane	0.192	0.207	-	-7.8	20	86	0
Chlorodibromomethane	0.303	0.321	-	-5.9	20	85	0
1,3-Dichloropropane	0.39	0.419	-	-7.4	20	85	0
1,2-Dibromoethane	0.244	0.243	-	0.4	20	83	0
2-Hexanone	0.086	0.09*	-	-4.7	20	80	0
Chlorobenzene	0.945	1.052	-	-11.3	20	90	0
Ethylbenzene	1.597	1.815	-	-13.7	20	91	0
1,1,1,2-Tetrachloroethane	0.33	0.366	-	-10.9	20	88	0
p/m Xylene	0.64	0.72	-	-12.5	20	90	-0.01
o Xylene	0.587	0.662	-	-12.8	20	90	-0.01
Styrene	0.947	1.056	-	-11.5	20	89	-0.01
1,4-Dichlorobenzene-d4	1	1	-	0	20	79	0
Bromoform	0.384	0.386	-	-0.5	20	81	0
Isopropylbenzene	3.124	3.624	-	-16	20	90	0
4-Bromofluorobenzene	0.864	0.884	-	-2.3	20	81	0
Bromobenzene	0.756	0.828	-	-9.5	20	88	0
n-Propylbenzene	3.556	4.239	-	-19.2	20	92	0
1,4-Dichlorobutane	0.632	0.682	-	-7.9	20	83	0
1,1,1,2,2-Tetrachloroethane	0.464	0.476	-	-2.6	20	79	0
4-Ethyltoluene	2.865	3.382	-	-18	20	90	0
2-Chlorotoluene	2.297	2.73	-	-18.9	20	92	0
1,3,5-Trimethylbenzene	2.447	2.856	-	-16.7	20	90	0
1,2,3-Trichloropropane	0.372	0.384	-	-3.2	20	80	0
trans-1,4-Dichloro-2-buten	0.117	0.126	-	-7.7	20	82	0
4-Chlorotoluene	2.093	2.417	-	-15.5	20	90	0
tert-Butylbenzene	2.243	2.574	-	-14.8	20	90	0
1,2,4-Trimethylbenzene	2.45	2.858	-	-16.7	20	92	0
sec-Butylbenzene	3.176	3.748	-	-18	20	90	0
p-Isopropyltoluene	2.756	3.233	-	-17.3	20	91	0
1,3-Dichlorobenzene	1.464	1.665	-	-13.7	20	90	0
1,4-Dichlorobenzene	1.446	1.622	-	-12.2	20	88	0
p-Diethylbenzene	1.599	1.866	-	-16.7	20	91	0
n-Butylbenzene	2.408	2.969	-	-23.3*	20	95	0
1,2-Dichlorobenzene	1.315	1.44	-	-9.5	20	88	0

* Value outside of QC limits.



Continuing Calibration Form 7

Client : AEI Consultants
 Project Name : VAZQUEZ
 Instrument ID : VOA122
 Lab File ID : V22170814A01
 Sample No : WG1031945-2
 Channel :

Lab Number : L1728063
 Project Number : 344060
 Calibration Date : 08/14/17 12:25
 Init. Calib. Date(s) : 08/04/17 08/05/17
 Init. Calib. Times : 20:41 00:48

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,2,4,5-Tetramethylbenzene	2.362	2.64	-	-11.8	20	88	0
1,2-Dibromo-3-chloropropan	0.077	0.076	-	1.3	20	76	0
1,3,5-Trichlorobenzene	1.101	1.245	-	-13.1	20	90	0
Hexachlorobutadiene	0.493	0.567	-	-15	20	90	0
1,2,4-Trichlorobenzene	0.968	1.053	-	-8.8	20	86	0
Naphthalene	1.71	1.706	-	0.2	20	78	0
1,2,3-Trichlorobenzene	0.872	0.906	-	-3.9	20	83	0

* Value outside of QC limits.



Continuing Calibration Form 7

Client : AEI Consultants
 Project Name : VAZQUEZ
 Instrument ID : VOA122
 Lab File ID : V22170816A01
 Sample No : WG1032492-2
 Channel :

Lab Number : L1728063
 Project Number : 344060
 Calibration Date : 08/16/17 08:17
 Init. Calib. Date(s) : 08/04/17 08/05/17
 Init. Calib. Times : 20:41 00:48

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	83	0
Dichlorodifluoromethane	0.2	0.262	-	-31*	20	100	0
Chloromethane	0.228	0.236	-	-3.5	20	86	0
Vinyl chloride	0.286	0.328	-	-14.7	20	91	0
Bromomethane	0.187	0.176	-	5.9	20	90	0
Chloroethane	0.172	0.183	-	-6.4	20	88	0
Trichlorofluoromethane	0.393	0.415	-	-5.6	20	84	0
Ethyl ether	0.122	0.118	-	3.3	20	80	0
1,1-Dichloroethene	0.243	0.25	-	-2.9	20	86	0
Carbon disulfide	0.624	0.664	-	-6.4	20	92	0
Freon-113	0.212	0.229	-	-8	20	86	0
Iodomethane	0.32	0.108	-	66.3*	20	31	0
Acrolein	0.035	0.035*	-	0	20	83	0
Methylene chloride	0.259	0.269	-	-3.9	20	88	0
Acetone	0.031	0.029*	-	6.5	20	79	0
trans-1,2-Dichloroethene	0.28	0.288	-	-2.9	20	87	0
Methyl acetate	0.081	0.08*	-	1.2	20	78	-.01
Methyl tert-butyl ether	0.6	0.57	-	5	20	78	0
tert-Butyl alcohol	0.00775	0.00741*	-	4.4	20	73	0
Diisopropyl ether	0.652	0.685	-	-5.1	20	87	-.01
1,1-Dichloroethane	0.444	0.476	-	-7.2	20	89	0
Halothane	0.214	0.216	-	-0.9	20	83	0
Acrylonitrile	0.044	0.046*	-	-4.5	20	79	0
Ethyl tert-butyl ether	0.658	0.651	-	1.1	20	81	0
Vinyl acetate	0.408	0.403	-	1.2	20	81	0
cis-1,2-Dichloroethene	0.301	0.313	-	-4	20	86	0
2,2-Dichloropropane	0.384	0.437	-	-13.8	20	93	0
Bromochloromethane	0.127	0.133	-	-4.7	20	85	0
Cyclohexane	0.372	0.411	-	-10.5	20	87	-.01
Chloroform	0.461	0.482	-	-4.6	20	86	0
Ethyl acetate	0.124	0.117	-	5.6	20	77	0
Carbon tetrachloride	0.364	0.399	-	-9.6	20	84	0
Tetrahydrofuran	0.046	0.044*	-	4.3	20	81	-.01
Dibromofluoromethane	0.258	0.257	-	0.4	20	82	0
1,1,1-Trichloroethane	0.438	0.455	-	-3.9	20	86	0
2-Butanone	0.046	0.043*	-	6.5	20	74	0
1,1-Dichloropropene	0.362	0.384	-	-6.1	20	87	0
Benzene	1.082	1.108	-	-2.4	20	88	0
tert-Amyl methyl ether	0.607	0.576	-	5.1	20	78	0
1,2-Dichloroethane-d4	0.239	0.23	-	3.8	20	80	0
1,2-Dichloroethane	0.281	0.284	-	-1.1	20	82	0
Methyl cyclohexane	0.423	0.448	-	-5.9	20	86	0
Trichloroethene	0.279	0.298	-	-6.8	20	87	0
Dibromomethane	0.104	0.097	-	6.7	20	76	0
1,2-Dichloropropane	0.235	0.247	-	-5.1	20	87	0

* Value outside of QC limits.



Continuing Calibration Form 7

Client : AEI Consultants
 Project Name : VAZQUEZ
 Instrument ID : VOA122
 Lab File ID : V22170816A01
 Sample No : WG1032492-2
 Channel :

Lab Number : L1728063
 Project Number : 344060
 Calibration Date : 08/16/17 08:17
 Init. Calib. Date(s) : 08/04/17 08/05/17
 Init. Calib. Times : 20:41 00:48

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
2-Chloroethyl vinyl ether	0.119	0.103	-	13.4	20	70	0
Bromodichloromethane	0.35	0.348	-	0.6	20	84	0
1,4-Dioxane	0.00042	0.00038*	-	9.5	20	74	0
cis-1,3-Dichloropropene	0.403	0.405	-	-0.5	20	84	0
Chlorobenzene-d5	1	1	-	0	20	86	0
Toluene-d8	1.202	1.196	-	0.5	20	84	0
Toluene	0.813	0.814	-	-0.1	20	86	0
4-Methyl-2-pentanone	0.059	0.049*	-	16.9	20	70	0
Tetrachloroethene	0.42	0.406	-	3.3	20	82	0
trans-1,3-Dichloropropene	0.402	0.391	-	2.7	20	82	0
Ethyl methacrylate	0.286	0.247	-	13.6	20	73	0
1,1,2-Trichloroethane	0.192	0.181	-	5.7	20	79	0
Chlorodibromomethane	0.303	0.277	-	8.6	20	78	0
1,3-Dichloropropane	0.39	0.371	-	4.9	20	80	0
1,2-Dibromoethane	0.244	0.214	-	12.3	20	77	0
2-Hexanone	0.086	0.075*	-	12.8	20	71	0
Chlorobenzene	0.945	0.929	-	1.7	20	84	0
Ethylbenzene	1.597	1.611	-	-0.9	20	85	0
1,1,1,2-Tetrachloroethane	0.33	0.316	-	4.2	20	81	0
p/m Xylene	0.64	0.637	-	0.5	20	84	0
o Xylene	0.587	0.58	-	1.2	20	84	-0.01
Styrene	0.947	0.919	-	3	20	82	0
1,4-Dichlorobenzene-d4	1	1	-	0	20	84	0
Bromoform	0.384	0.326	-	15.1	20	73	0
Isopropylbenzene	3.124	3.192	-	-2.2	20	85	0
4-Bromofluorobenzene	0.864	0.886	-	-2.5	20	86	0
Bromobenzene	0.756	0.711	-	6	20	80	0
n-Propylbenzene	3.556	3.713	-	-4.4	20	86	0
1,4-Dichlorobutane	0.632	0.599	-	5.2	20	78	0
1,1,1,2,2-Tetrachloroethane	0.464	0.432	-	6.9	20	76	0
4-Ethyltoluene	2.865	2.956	-	-3.2	20	84	0
2-Chlorotoluene	2.297	2.366	-	-3	20	85	0
1,3,5-Trimethylbenzene	2.447	2.491	-	-1.8	20	84	0
1,2,3-Trichloropropane	0.372	0.356	-	4.3	20	79	0
trans-1,4-Dichloro-2-buten	0.117	0.109	-	6.8	20	76	0
4-Chlorotoluene	2.093	2.124	-	-1.5	20	85	0
tert-Butylbenzene	2.243	2.247	-	-0.2	20	84	0
1,2,4-Trimethylbenzene	2.45	2.483	-	-1.3	20	85	0
sec-Butylbenzene	3.176	3.279	-	-3.2	20	84	0
p-Isopropyltoluene	2.756	2.837	-	-2.9	20	85	0
1,3-Dichlorobenzene	1.464	1.444	-	1.4	20	83	0
1,4-Dichlorobenzene	1.446	1.39	-	3.9	20	81	0
p-Diethylbenzene	1.599	1.647	-	-3	20	86	0
n-Butylbenzene	2.408	2.612	-	-8.5	20	89	0
1,2-Dichlorobenzene	1.315	1.251	-	4.9	20	81	0

* Value outside of QC limits.



Continuing Calibration Form 7

Client : AEI Consultants
 Project Name : VAZQUEZ
 Instrument ID : VOA122
 Lab File ID : V22170816A01
 Sample No : WG1032492-2
 Channel :

Lab Number : L1728063
 Project Number : 344060
 Calibration Date : 08/16/17 08:17
 Init. Calib. Date(s) : 08/04/17 08/05/17
 Init. Calib. Times : 20:41 00:48

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,2,4,5-Tetramethylbenzene	2.362	2.323	-	1.7	20	83	0
1,2-Dibromo-3-chloropropan	0.077	0.063	-	18.2	20	68	0
1,3,5-Trichlorobenzene	1.101	1.085	-	1.5	20	84	0
Hexachlorobutadiene	0.493	0.51	-	-3.4	20	87	0
1,2,4-Trichlorobenzene	0.968	0.915	-	5.5	20	80	0
Naphthalene	1.71	1.483	-	13.3	20	72	0
1,2,3-Trichlorobenzene	0.872	0.788	-	9.6	20	76	0

* Value outside of QC limits.



Evaluate Continuing Calibration Report

Data Path : I:\VOLATILES\VOA122\2017\170813A\
 Data File : V22170814A01.D
 Acq On : 14 Aug 2017 12:25 pm
 Operator : VOA122:PD
 Sample : WG1031945-2 (Sig #1); 8260 CCAL (Sig #2)
 Misc : WG1031945,ICAL13890 (Sig #1); WG,ICAL13890 (Sig #2)
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 14 12:49:08 2017
 Quant Method : I:\VOLATILES\VOA122\2017\170813A\V122_170804A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sat Aug 05 11:45:14 2017
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Fluorobenzene	1.000	1.000	0.0	80	0.00
2 TP	Dichlorodifluoromethane	0.200	0.293	-46.5#	108	0.00
3 TP	Chloromethane	0.228	0.251	-10.1	88	0.00
4 TC	Vinyl chloride	0.286	0.344	-20.3#	91	0.00
5 TP	Bromomethane	0.187	0.104	44.4#	52	0.00
6 TP	Chloroethane	0.172	0.212	-23.3#	98	0.00
7 TP	Trichlorofluoromethane	0.393	0.457	-16.3	89	0.00
8 TP	Ethyl ether	0.122	0.132	-8.2	87	0.00
10 TC	1,1-Dichloroethene	0.243	0.281	-15.6	93	0.00
11 TP	Carbon disulfide	0.624	0.745	-19.4	99	0.00
12 TP	Freon-113	0.212	0.249	-17.5	90	-0.01
13 TP	Iodomethane	0.320	0.050	84.4#	14#	0.00
14 TP	Acrolein	0.035	0.039#	-11.4	90	0.00
15 TP	Methylene chloride	0.259	0.299	-15.4	94	0.00
17 TP	Acetone	0.031	0.034#	-9.7	88	0.00
18 TP	trans-1,2-Dichloroethene	0.280	0.324	-15.7	94	0.00
19 TP	Methyl acetate	0.081	0.090#	-11.1	85	-0.01
21 TP	Methyl tert-butyl ether	0.600	0.637	-6.2	84	0.00
22 TP	tert-Butyl alcohol	0.00775	0.01092#	-40.9#	103	-0.01
24 TP	Diisopropyl ether	0.652	0.744	-14.1	91	-0.01
25 TP	1,1-Dichloroethane	0.444	0.523	-17.8	94	0.00
26 TP	Halothane	0.214	0.239	-11.7	88	0.00
27 TP	Acrylonitrile	0.044	0.052	-18.2	85	0.00
28 TP	Ethyl tert-butyl ether	0.658	0.730	-10.9	88	-0.01
29 TP	Vinyl acetate	0.408	0.457	-12.0	89	0.00
30 TP	cis-1,2-Dichloroethene	0.301	0.352	-16.9	93	0.00
31 TP	2,2-Dichloropropane	0.384	0.498	-29.7#	102	0.00
32 TP	Bromochloromethane	0.127	0.148	-16.5	90	0.00
33 TP	Cyclohexane	0.372	0.449	-20.7#	92	-0.01
34 TC	Chloroform	0.461	0.537	-16.5	92	0.00
35 TP	Ethyl acetate	0.124	0.130	-4.8	82	0.00
36 TP	Carbon tetrachloride	0.364	0.450	-23.6#	92	0.00
37 TP	Tetrahydrofuran	0.046	0.046#	0.0	81	-0.01
38 S	Dibromofluoromethane	0.258	0.252	2.3	77	0.00
39 TP	1,1,1-Trichloroethane	0.438	0.506	-15.5	92	0.00
41 TP	2-Butanone	0.046	0.053#	-15.2	87	0.00
42 TP	1,1-Dichloropropene	0.362	0.426	-17.7	93	0.00
44 TP	Benzene	1.082	1.232	-13.9	94	0.00
45 TP	tert-Amyl methyl ether	0.607	0.650	-7.1	85	0.00

Evaluate Continuing Calibration Report

Data Path : I:\VOLATILES\VOA122\2017\170813A\
 Data File : V22170814A01.D
 Acq On : 14 Aug 2017 12:25 pm
 Operator : VOA122:PD
 Sample : WG1031945-2 (Sig #1); 8260 CCAL (Sig #2)
 Misc : WG1031945,ICAL13890 (Sig #1); WG,ICAL13890 (Sig #2)
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 14 12:49:08 2017
 Quant Method : I:\VOLATILES\VOA122\2017\170813A\V122_170804A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sat Aug 05 11:45:14 2017
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 200%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 S 1,2-Dichloroethane-d4	0.239	0.226	5.4	75	0.00
47 T 1,2-Dichloroethane	0.281	0.314	-11.7	88	0.00
50 TP Methyl cyclohexane	0.423	0.495	-17.0	91	0.00
51 TP Trichloroethene	0.279	0.325	-16.5	92	0.00
53 TP Dibromomethane	0.104	0.104	0.0	79	0.00
54 TC 1,2-Dichloropropane	0.235	0.270	-14.9	92	0.00
56 TP 2-Chloroethyl vinyl ether	0.119	0.123	-3.4	80	0.00
57 TP Bromodichloromethane	0.350	0.388	-10.9	90	0.00
60 TP 1,4-Dioxane	0.00042	0.00109#	-159.5#	204#	0.00
61 TP cis-1,3-Dichloropropene	0.403	0.453	-12.4	91	0.00
62 I Chlorobenzene-d5	1.000	1.000	0.0	81	0.00
63 S Toluene-d8	1.202	1.205	-0.2	80	0.00
64 TC Toluene	0.813	0.924	-13.7	92	0.00
65 TP 4-Methyl-2-pentanone	0.059	0.056#	5.1	76	0.00
66 TP Tetrachloroethene	0.420	0.471	-12.1	90	0.00
68 TP trans-1,3-Dichloropropene	0.402	0.449	-11.7	88	0.00
70 TP Ethyl methacrylate	0.286	0.286	0.0	79	0.00
71 TP 1,1,2-Trichloroethane	0.192	0.207	-7.8	86	0.00
72 TP Chlorodibromomethane	0.303	0.321	-5.9	85	0.00
73 TP 1,3-Dichloropropane	0.390	0.419	-7.4	85	0.00
74 TP 1,2-Dibromoethane	0.244	0.243	0.4	83	0.00
76 TP 2-Hexanone	0.086	0.090#	-4.7	80	0.00
77 TP Chlorobenzene	0.945	1.052	-11.3	90	0.00
78 TC Ethylbenzene	1.597	1.815	-13.7	91	0.00
79 TP 1,1,1,2-Tetrachloroethane	0.330	0.366	-10.9	88	0.00
80 TP p/m Xylene	0.640	0.720	-12.5	90	-0.01
81 TP o Xylene	0.587	0.662	-12.8	90	-0.01
82 TP Styrene	0.947	1.056	-11.5	89	-0.01
83 I 1,4-Dichlorobenzene-d4	1.000	1.000	0.0	79	0.00
84 TP Bromoform	0.384	0.386	-0.5	81	0.00
86 TP Isopropylbenzene	3.124	3.624	-16.0	90	0.00
87 S 4-Bromofluorobenzene	0.864	0.884	-2.3	81	0.00
88 TP Bromobenzene	0.756	0.828	-9.5	88	0.00
89 TP n-Propylbenzene	3.556	4.239	-19.2	92	0.00
90 TP 1,4-Dichlorobutane	0.632	0.682	-7.9	83	0.00
91 TP 1,1,2,2-Tetrachloroethane	0.464	0.476	-2.6	79	0.00
92 TP 4-Ethyltoluene	2.865	3.382	-18.0	90	0.00

Evaluate Continuing Calibration Report

Data Path : I:\VOLATILES\VOA122\2017\170813A\
 Data File : V22170814A01.D
 Acq On : 14 Aug 2017 12:25 pm
 Operator : VOA122:PD
 Sample : WG1031945-2 (Sig #1); 8260 CCAL (Sig #2)
 Misc : WG1031945,ICAL13890 (Sig #1); WG,ICAL13890 (Sig #2)
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 14 12:49:08 2017
 Quant Method : I:\VOLATILES\VOA122\2017\170813A\V122_170804A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sat Aug 05 11:45:14 2017
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
93 TP	2-Chlorotoluene	2.297	2.730	-18.9	92	0.00
94 TP	1,3,5-Trimethylbenzene	2.447	2.856	-16.7	90	0.00
95 TP	1,2,3-Trichloropropane	0.372	0.384	-3.2	80	0.00
96 TP	trans-1,4-Dichloro-2-butene	0.117	0.126	-7.7	82	0.00
97 TP	4-Chlorotoluene	2.093	2.417	-15.5	90	0.00
98 TP	tert-Butylbenzene	2.243	2.574	-14.8	90	0.00
101 TP	1,2,4-Trimethylbenzene	2.450	2.858	-16.7	92	0.00
102 TP	sec-Butylbenzene	3.176	3.748	-18.0	90	0.00
103 TP	p-Isopropyltoluene	2.756	3.233	-17.3	91	0.00
104 TP	1,3-Dichlorobenzene	1.464	1.665	-13.7	90	0.00
105 TP	1,4-Dichlorobenzene	1.446	1.622	-12.2	88	0.00
106 TP	p-Diethylbenzene	1.599	1.866	-16.7	91	0.00
107 TP	n-Butylbenzene	2.408	2.969	-23.3#	95	0.00
108 TP	1,2-Dichlorobenzene	1.315	1.440	-9.5	88	0.00
109 TP	1,2,4,5-Tetramethylbenzene	2.362	2.640	-11.8	88	0.00
110 TP	1,2-Dibromo-3-chloropropane	0.077	0.076	1.3	76	0.00
111 TP	1,3,5-Trichlorobenzene	1.101	1.245	-13.1	90	0.00
112 TP	Hexachlorobutadiene	0.493	0.567	-15.0	90	0.00
113 TP	1,2,4-Trichlorobenzene	0.968	1.053	-8.8	86	0.00
114 TP	Naphthalene	1.710	1.706	0.2	78	0.00
115 TP	1,2,3-Trichlorobenzene	0.872	0.906	-3.9	83	0.00

* Evaluation of CC level amount vs concentration.

(#) = Out of Range SPCC's out = 9 CCC's out = 1

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA122\2017\170813A\
 Data File : V22170814A01.D
 Acq On : 14 Aug 2017 12:25 pm
 Operator : VOA122:PD
 Sample : WG1031945-2 (Sig #1); 8260 CCAL (Sig #2)
 Misc : WG1031945, ICAL13890 (Sig #1); WG, ICAL13890 (Sig #2)
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 14 12:49:08 2017
 Quant Method : I:\VOLATILES\VOA122\2017\170813A\V122_170804A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sat Aug 05 11:45:14 2017
 Response via : Initial Calibration

Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	

Internal Standards							
1) Fluorobenzene	6.093	96	134445	10.000	ug/L	0.00	
62) Chlorobenzene-d5	9.658	117	113575	10.000	ug/L	0.00	
83) 1,4-Dichlorobenzene-d4	12.350	152	59934	10.000	ug/L	0.00	
System Monitoring Compounds							
38) Dibromofluoromethane	5.270	113	33911	9.760	ug/L	0.00	
Spiked Amount	10.000		Recovery	=	97.60%		
46) 1,2-Dichloroethane-d4	5.805	65	30329	9.430	ug/L	0.00	
Spiked Amount	10.000		Recovery	=	94.30%		
63) Toluene-d8	7.800	98	136810	10.021	ug/L	0.00	
Spiked Amount	10.000		Recovery	=	100.21%		
87) 4-Bromofluorobenzene	11.144	95	52952	10.227	ug/L	0.00	
Spiked Amount	10.000		Recovery	=	102.27%		
Target Compounds							
2) Dichlorodifluoromethane	1.628	85	39433	14.644	ug/L	99	Qvalue
3) Chloromethane	1.824	50	33705	10.987	ug/L	99	
4) Vinyl chloride	1.896	62	46201	12.033	ug/L	100	
5) Bromomethane	2.216	94	14021M1	5.578	ug/L		
6) Chloroethane	2.350	64	28517	12.348	ug/L	98	
7) Trichlorofluoromethane	2.495	101	61471	11.624	ug/L	99	
8) Ethyl ether	2.794	74	17773	10.827	ug/L	#	1
10) 1,1-Dichloroethene	2.990	96	37735	11.559	ug/L	100	
11) Carbon disulfide	3.021	76	100142	11.943	ug/L	100	
12) Freon-113	3.031	101	33469	11.725	ug/L	100	
13) Iodomethane	3.135	142	6727	1.562	ug/L	96	
14) Acrolein	3.320	56	5308	11.159	ug/L	99	
15) Methylene chloride	3.558	84	40195	11.554	ug/L	98	
17) Acetone	3.609	43	4566	10.867	ug/L	99	
18) trans-1,2-Dichloroethene	3.712	96	43619	11.567	ug/L	100	
19) Methyl acetate	3.723	43	12048	11.019	ug/L	100	
21) Methyl tert-butyl ether	3.815	73	85597	10.613	ug/L	99	
22) tert-Butyl alcohol	3.888	59	7340	70.411	ug/L	97	
24) Diisopropyl ether	4.177	45	100033	11.407	ug/L	99	
25) 1,1-Dichloroethane	4.311	63	70355	11.797	ug/L	100	
26) Halothane	4.352	117	32110	11.186	ug/L	98	
27) Acrylonitrile	4.362	53	6962	11.672	ug/L	98	
28) Ethyl tert-butyl ether	4.527	59	98127	11.092	ug/L	100	
29) Vinyl acetate	4.548	43	61444	11.191	ug/L	99	
30) cis-1,2-Dichloroethene	4.827	96	47275	11.685	ug/L	99	

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA122\2017\170813A\
 Data File : V22170814A01.D
 Acq On : 14 Aug 2017 12:25 pm
 Operator : VOA122:PD
 Sample : WG1031945-2 (Sig #1); 8260 CCAL (Sig #2)
 Misc : WG1031945,ICAL13890 (Sig #1); WG,ICAL13890 (Sig #2)
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 14 12:49:08 2017
 Quant Method : I:\VOLATILES\VOA122\2017\170813A\V122_170804A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sat Aug 05 11:45:14 2017
 Response via : Initial Calibration

Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
31) 2,2-Dichloropropane	4.940	77	66965	12.981	ug/L	99
32) Bromochloromethane	5.023	128	19879	11.672	ug/L	98
33) Cyclohexane	5.023	56	60336	12.060	ug/L	100
34) Chloroform	5.095	83	72234	11.655	ug/L	99
35) Ethyl acetate	5.219	43	17421	10.412	ug/L	98
36) Carbon tetrachloride	5.229	117	60533	12.374	ug/L	99
37) Tetrahydrofuran	5.250	42	6212	10.006	ug/L	99
39) 1,1,1-Trichloroethane	5.301	97	68068	11.554	ug/L	99
41) 2-Butanone	5.404	43	7140	11.626	ug/L	97
42) 1,1-Dichloropropene	5.425	75	57259	11.770	ug/L	98
44) Benzene	5.673	78	165670	11.393	ug/L	100
45) tert-Amyl methyl ether	5.782	73	87323	10.699	ug/L	99
47) 1,2-Dichloroethane	5.875	62	42264	11.198	ug/L	99
50) Methyl cyclohexane	6.265	83	66566	11.706	ug/L	99
51) Trichloroethene	6.265	95	43739	11.641	ug/L	99
53) Dibromomethane	6.716	93	14019	10.017	ug/L	97
54) 1,2-Dichloropropane	6.825	63	36234	11.481	ug/L	100
56) 2-Chloroethyl vinyl ether	7.522	63	16507	10.318	ug/L	97
57) Bromodichloromethane	6.887	83	52148	11.067	ug/L	100
60) 1,4-Dioxane	7.105	88	7297	1286.777	ug/L	92
61) cis-1,3-Dichloropropene	7.592	75	60919	11.236	ug/L	100
64) Toluene	7.862	92	104917	11.369	ug/L	99
65) 4-Methyl-2-pentanone	8.313	58	6392	9.473	ug/L	95
66) Tetrachloroethene	8.306	166	53468	11.199	ug/L	99
68) trans-1,3-Dichloropropene	8.341	75	51040	11.187	ug/L	99
70) Ethyl methacrylate	8.542	69	32439	9.981	ug/L	97
71) 1,1,2-Trichloroethane	8.528	83	23519	10.775	ug/L	99
72) Chlorodibromomethane	8.736	129	36427	10.580	ug/L	99
73) 1,3-Dichloropropane	8.861	76	47546	10.736	ug/L	100
74) 1,2-Dibromoethane	9.020	107	27606	9.977	ug/L	100
76) 2-Hexanone	9.321	43	10218	10.420	ug/L	97
77) Chlorobenzene	9.680	112	119425	11.126	ug/L	99
78) Ethylbenzene	9.723	91	206173	11.367	ug/L	99
79) 1,1,1,2-Tetrachloroethane	9.766	131	41545	11.099	ug/L	97
80) p/m Xylene	9.906	106	163614	22.521	ug/L	99
81) o Xylene	10.444	106	150334	22.552	ug/L	100
82) Styrene	10.509	104	239967	22.310	ug/L	100
84) Bromoform	10.530	173	23156	10.073	ug/L	100
86) Isopropylbenzene	10.831	105	217216	11.602	ug/L	100
88) Bromobenzene	11.262	156	49653	10.959	ug/L	100
89) n-Propylbenzene	11.305	91	254034	11.919	ug/L	99

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA122\2017\170813A\
 Data File : V22170814A01.D
 Acq On : 14 Aug 2017 12:25 pm
 Operator : VOA122:PD
 Sample : WG1031945-2 (Sig #1); 8260 CCAL (Sig #2)
 Misc : WG1031945,ICAL13890 (Sig #1); WG,ICAL13890 (Sig #2)
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 14 12:49:08 2017
 Quant Method : I:\VOLATILES\VOA122\2017\170813A\V122_170804A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sat Aug 05 11:45:14 2017
 Response via : Initial Calibration

Sub List : 8260-Curve - Megamix plus Diox

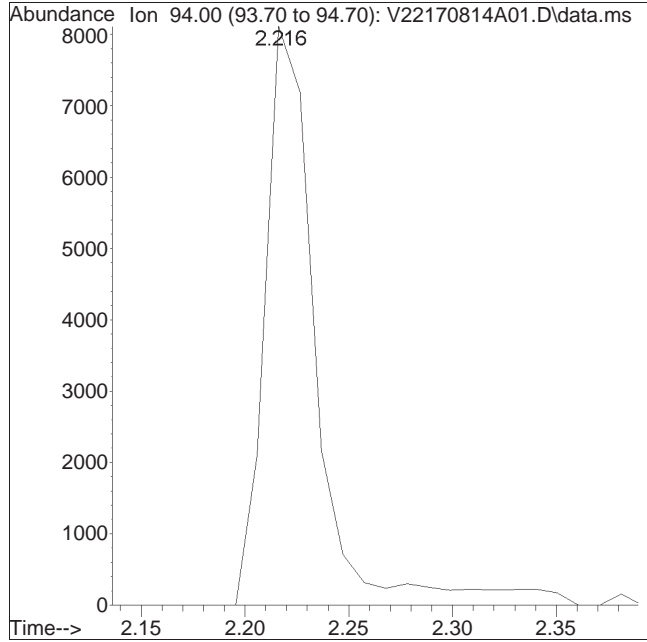
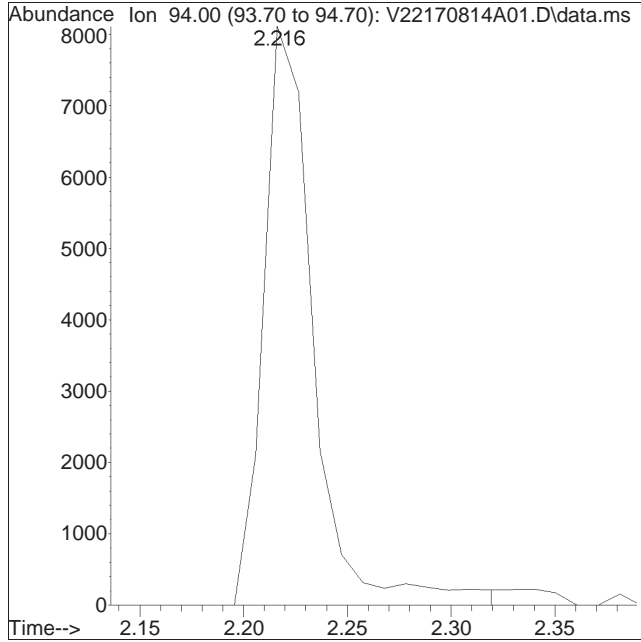
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) 1,4-Dichlorobutane	11.327	55	40904	10.804	ug/L	98
91) 1,1,2,2-Tetrachloroethane	11.380	83	28531	10.265	ug/L	99
92) 4-Ethyltoluene	11.434	105	202696	11.803	ug/L	100
93) 2-Chlorotoluene	11.467	91	163617	11.884	ug/L	99
94) 1,3,5-Trimethylbenzene	11.531	105	171191	11.672	ug/L	99
95) 1,2,3-Trichloropropane	11.531	75	23032	10.323	ug/L	99
96) trans-1,4-Dichloro-2-b...	11.585	53	7546	10.771	ug/L	92
97) 4-Chlorotoluene	11.650	91	144876	11.552	ug/L	100
98) tert-Butylbenzene	11.870	119	154261	11.474	ug/L	100
101) 1,2,4-Trimethylbenzene	11.944	105	171297	11.665	ug/L	99
102) sec-Butylbenzene	12.062	105	224657	11.803	ug/L	99
103) p-Isopropyltoluene	12.217	119	193755	11.729	ug/L	100
104) 1,3-Dichlorobenzene	12.276	146	99774	11.372	ug/L	99
105) 1,4-Dichlorobenzene	12.364	146	97187	11.213	ug/L	99
106) p-Diethylbenzene	12.586	119	111837	11.672	ug/L	99
107) n-Butylbenzene	12.645	91	177949	12.328	ug/L	99
108) 1,2-Dichlorobenzene	12.792	146	86321	10.951	ug/L	100
109) 1,2,4,5-Tetramethylben...	13.375	119	158244	11.178	ug/L	100
110) 1,2-Dibromo-3-chloropr...	13.567	155	4549	9.908	ug/L	99
111) 1,3,5-Trichlorobenzene	13.596	180	74612	11.304	ug/L	99
112) Hexachlorobutadiene	14.172	225	33997	11.508	ug/L	99
113) 1,2,4-Trichlorobenzene	14.194	180	63134	10.879	ug/L	99
114) Naphthalene	14.496	128	102260	9.975	ug/L	100
115) 1,2,3-Trichlorobenzene	14.659	180	54321	10.397	ug/L	100

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

Manual Integration Report

Data Path : I:\VOLATILES\VOA122\2017\1QMethod : V122_170804A_8260.m
Data File : V22170814A01.D Operator : VOA122:PD
Date Inj'd : 8/14/2017 12:25 pm Instrument : VOA122
Sample : WG1031945-2 Quant Date : 8/14/2017 12:48 pm

Compound #5: Bromomethane



Original Peak Response = 13641

Manual Peak Response = 14021 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Evaluate Continuing Calibration Report

Data Path : I:\VOLATILES\VOA122\2017\170816A\
 Data File : V22170816A01.D
 Acq On : 16 Aug 2017 08:17 am
 Operator : VOA122:PD
 Sample : WG1032492-2 (Sig #1); 8260 CCAL (Sig #2)
 Misc : WG1032492,ICAL13890 (Sig #1); WG,ICAL13890 (Sig #2)
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 16 08:40:23 2017
 Quant Method : I:\VOLATILES\VOA122\2017\170816A\V122_170804A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sat Aug 05 11:45:14 2017
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Fluorobenzene	1.000	1.000	0.0	83	0.00
2 TP	Dichlorodifluoromethane	0.200	0.262	-31.0#	100	0.00
3 TP	Chloromethane	0.228	0.236	-3.5	86	0.00
4 TC	Vinyl chloride	0.286	0.328	-14.7	91	0.00
5 TP	Bromomethane	0.187	0.176	5.9	90	0.00
6 TP	Chloroethane	0.172	0.183	-6.4	88	0.00
7 TP	Trichlorofluoromethane	0.393	0.415	-5.6	84	0.00
8 TP	Ethyl ether	0.122	0.118	3.3	80	0.00
10 TC	1,1-Dichloroethene	0.243	0.250	-2.9	86	0.00
11 TP	Carbon disulfide	0.624	0.664	-6.4	92	0.00
12 TP	Freon-113	0.212	0.229	-8.0	86	0.00
13 TP	Iodomethane	0.320	0.108	66.3#	31#	0.00
14 TP	Acrolein	0.035	0.035#	0.0	83	0.00
15 TP	Methylene chloride	0.259	0.269	-3.9	88	0.00
17 TP	Acetone	0.031	0.029#	6.5	79	0.00
18 TP	trans-1,2-Dichloroethene	0.280	0.288	-2.9	87	0.00
19 TP	Methyl acetate	0.081	0.080#	1.2	78	-0.01
21 TP	Methyl tert-butyl ether	0.600	0.570	5.0	78	0.00
22 TP	tert-Butyl alcohol	0.00775	0.00741#	4.4	73	0.00
24 TP	Diisopropyl ether	0.652	0.685	-5.1	87	-0.01
25 TP	1,1-Dichloroethane	0.444	0.476	-7.2	89	0.00
26 TP	Halothane	0.214	0.216	-0.9	83	0.00
27 TP	Acrylonitrile	0.044	0.046#	-4.5	79	0.00
28 TP	Ethyl tert-butyl ether	0.658	0.651	1.1	81	0.00
29 TP	Vinyl acetate	0.408	0.403	1.2	81	0.00
30 TP	cis-1,2-Dichloroethene	0.301	0.313	-4.0	86	0.00
31 TP	2,2-Dichloropropane	0.384	0.437	-13.8	93	0.00
32 TP	Bromochloromethane	0.127	0.133	-4.7	85	0.00
33 TP	Cyclohexane	0.372	0.411	-10.5	87	-0.01
34 TC	Chloroform	0.461	0.482	-4.6	86	0.00
35 TP	Ethyl acetate	0.124	0.117	5.6	77	0.00
36 TP	Carbon tetrachloride	0.364	0.399	-9.6	84	0.00
37 TP	Tetrahydrofuran	0.046	0.044#	4.3	81	-0.01
38 S	Dibromofluoromethane	0.258	0.257	0.4	82	0.00
39 TP	1,1,1-Trichloroethane	0.438	0.455	-3.9	86	0.00
41 TP	2-Butanone	0.046	0.043#	6.5	74	0.00
42 TP	1,1-Dichloropropene	0.362	0.384	-6.1	87	0.00
44 TP	Benzene	1.082	1.108	-2.4	88	0.00
45 TP	tert-Amyl methyl ether	0.607	0.576	5.1	78	0.00

Evaluate Continuing Calibration Report

Data Path : I:\VOLATILES\VOA122\2017\170816A\
 Data File : V22170816A01.D
 Acq On : 16 Aug 2017 08:17 am
 Operator : VOA122:PD
 Sample : WG1032492-2 (Sig #1); 8260 CCAL (Sig #2)
 Misc : WG1032492,ICAL13890 (Sig #1); WG,ICAL13890 (Sig #2)
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 16 08:40:23 2017
 Quant Method : I:\VOLATILES\VOA122\2017\170816A\V122_170804A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sat Aug 05 11:45:14 2017
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 S	1,2-Dichloroethane-d4	0.239	0.230	3.8	80	0.00
47 T	1,2-Dichloroethane	0.281	0.284	-1.1	82	0.00
50 TP	Methyl cyclohexane	0.423	0.448	-5.9	86	0.00
51 TP	Trichloroethene	0.279	0.298	-6.8	87	0.00
53 TP	Dibromomethane	0.104	0.097	6.7	76	0.00
54 TC	1,2-Dichloropropane	0.235	0.247	-5.1	87	0.00
56 TP	2-Chloroethyl vinyl ether	0.119	0.103	13.4	70	0.00
57 TP	Bromodichloromethane	0.350	0.348	0.6	84	0.00
60 TP	1,4-Dioxane	0.00042	0.00038#	9.5	74	0.00
61 TP	cis-1,3-Dichloropropene	0.403	0.405	-0.5	84	0.00
62 I	Chlorobenzene-d5	1.000	1.000	0.0	86	0.00
63 S	Toluene-d8	1.202	1.196	0.5	84	0.00
64 TC	Toluene	0.813	0.814	-0.1	86	0.00
65 TP	4-Methyl-2-pentanone	0.059	0.049#	16.9	70	0.00
66 TP	Tetrachloroethene	0.420	0.406	3.3	82	0.00
68 TP	trans-1,3-Dichloropropene	0.402	0.391	2.7	82	0.00
70 TP	Ethyl methacrylate	0.286	0.247	13.6	73	0.00
71 TP	1,1,2-Trichloroethane	0.192	0.181	5.7	79	0.00
72 TP	Chlorodibromomethane	0.303	0.277	8.6	78	0.00
73 TP	1,3-Dichloropropane	0.390	0.371	4.9	80	0.00
74 TP	1,2-Dibromoethane	0.244	0.214	12.3	77	0.00
76 TP	2-Hexanone	0.086	0.075#	12.8	71	0.00
77 TP	Chlorobenzene	0.945	0.929	1.7	84	0.00
78 TC	Ethylbenzene	1.597	1.611	-0.9	85	0.00
79 TP	1,1,1,2-Tetrachloroethane	0.330	0.316	4.2	81	0.00
80 TP	p/m Xylene	0.640	0.637	0.5	84	0.00
81 TP	o Xylene	0.587	0.580	1.2	84	-0.01
82 TP	Styrene	0.947	0.919	3.0	82	0.00
83 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	84	0.00
84 TP	Bromoform	0.384	0.326	15.1	73	0.00
86 TP	Isopropylbenzene	3.124	3.192	-2.2	85	0.00
87 S	4-Bromofluorobenzene	0.864	0.886	-2.5	86	0.00
88 TP	Bromobenzene	0.756	0.711	6.0	80	0.00
89 TP	n-Propylbenzene	3.556	3.713	-4.4	86	0.00
90 TP	1,4-Dichlorobutane	0.632	0.599	5.2	78	0.00
91 TP	1,1,2,2-Tetrachloroethane	0.464	0.432	6.9	76	0.00
92 TP	4-Ethyltoluene	2.865	2.956	-3.2	84	0.00

Evaluate Continuing Calibration Report

Data Path : I:\VOLATILES\VOA122\2017\170816A\
 Data File : V22170816A01.D
 Acq On : 16 Aug 2017 08:17 am
 Operator : VOA122:PD
 Sample : WG1032492-2 (Sig #1); 8260 CCAL (Sig #2)
 Misc : WG1032492,ICAL13890 (Sig #1); WG,ICAL13890 (Sig #2)
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 16 08:40:23 2017
 Quant Method : I:\VOLATILES\VOA122\2017\170816A\V122_170804A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sat Aug 05 11:45:14 2017
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 200%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
93 TP 2-Chlorotoluene	2.297	2.366	-3.0	85	0.00
94 TP 1,3,5-Trimethylbenzene	2.447	2.491	-1.8	84	0.00
95 TP 1,2,3-Trichloropropane	0.372	0.356	4.3	79	0.00
96 TP trans-1,4-Dichloro-2-butene	0.117	0.109	6.8	76	0.00
97 TP 4-Chlorotoluene	2.093	2.124	-1.5	85	0.00
98 TP tert-Butylbenzene	2.243	2.247	-0.2	84	0.00
101 TP 1,2,4-Trimethylbenzene	2.450	2.483	-1.3	85	0.00
102 TP sec-Butylbenzene	3.176	3.279	-3.2	84	0.00
103 TP p-Isopropyltoluene	2.756	2.837	-2.9	85	0.00
104 TP 1,3-Dichlorobenzene	1.464	1.444	1.4	83	0.00
105 TP 1,4-Dichlorobenzene	1.446	1.390	3.9	81	0.00
106 TP p-Diethylbenzene	1.599	1.647	-3.0	86	0.00
107 TP n-Butylbenzene	2.408	2.612	-8.5	89	0.00
108 TP 1,2-Dichlorobenzene	1.315	1.251	4.9	81	0.00
109 TP 1,2,4,5-Tetramethylbenzene	2.362	2.323	1.7	83	0.00
110 TP 1,2-Dibromo-3-chloropropane	0.077	0.063	18.2	68	0.00
111 TP 1,3,5-Trichlorobenzene	1.101	1.085	1.5	84	0.00
112 TP Hexachlorobutadiene	0.493	0.510	-3.4	87	0.00
113 TP 1,2,4-Trichlorobenzene	0.968	0.915	5.5	80	0.00
114 TP Naphthalene	1.710	1.483	13.3	72	0.00
115 TP 1,2,3-Trichlorobenzene	0.872	0.788	9.6	76	0.00

* Evaluation of CC level amount vs concentration.
 (#) = Out of Range SPCC's out = 10 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA122\2017\170816A\
 Data File : V22170816A01.D
 Acq On : 16 Aug 2017 08:17 am
 Operator : VOA122:PD
 Sample : WG1032492-2 (Sig #1); 8260 CCAL (Sig #2)
 Misc : WG1032492,ICAL13890 (Sig #1); WG,ICAL13890 (Sig #2)
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 16 08:40:23 2017
 Quant Method : I:\VOLATILES\VOA122\2017\170816A\V122_170804A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sat Aug 05 11:45:14 2017
 Response via : Initial Calibration

Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	

Internal Standards							
1) Fluorobenzene	6.101	96	139648	10.000	ug/L	0.00	
62) Chlorobenzene-d5	9.658	117	120275	10.000	ug/L	0.00	
83) 1,4-Dichlorobenzene-d4	12.350	152	63825	10.000	ug/L	0.00	
System Monitoring Compounds							
38) Dibromofluoromethane	5.270	113	35880	9.942	ug/L	0.00	
Spiked Amount	10.000		Range 70 - 130	Recovery =	99.42%		
46) 1,2-Dichloroethane-d4	5.813	65	32105	9.611	ug/L	0.00	
Spiked Amount	10.000		Range 70 - 130	Recovery =	96.11%		
63) Toluene-d8	7.807	98	143853	9.950	ug/L	0.00	
Spiked Amount	10.000		Range 70 - 130	Recovery =	99.50%		
87) 4-Bromofluorobenzene	11.144	95	56527	10.252	ug/L	0.00	
Spiked Amount	10.000		Range 70 - 130	Recovery =	102.52%		
Target Compounds							
2) Dichlorodifluoromethane	1.628	85	36548	13.067	ug/L	99	Qvalue
3) Chloromethane	1.824	50	32907	10.327	ug/L	99	
4) Vinyl chloride	1.896	62	45841	11.495	ug/L	99	
5) Bromomethane	2.227	94	24547	9.402	ug/L	100	
6) Chloroethane	2.350	64	25598	10.671	ug/L	99	
7) Trichlorofluoromethane	2.495	101	57997	10.558	ug/L	100	
8) Ethyl ether	2.804	74	16459	9.653	ug/L	#	1
10) 1,1-Dichloroethene	2.990	96	34862	10.281	ug/L	96	
11) Carbon disulfide	3.021	76	92784	10.653	ug/L	100	
12) Freon-113	3.042	101	31969	10.783	ug/L	97	
13) Iodomethane	3.135	142	15067	3.368	ug/L	98	
14) Acrolein	3.320	56	4856	9.829	ug/L	98	
15) Methylene chloride	3.558	84	37555	10.393	ug/L	98	
17) Acetone	3.609	43	4100	9.394	ug/L	95	
18) trans-1,2-Dichloroethene	3.712	96	40242	10.274	ug/L	99	
19) Methyl acetate	3.723	43	11129	9.799	ug/L	99	
21) Methyl tert-butyl ether	3.816	73	79592	9.501	ug/L	99	
22) tert-Butyl alcohol	3.898	59	5172	47.765	ug/L	95	
24) Diisopropyl ether	4.177	45	95618	10.497	ug/L	99	
25) 1,1-Dichloroethane	4.311	63	66423	10.723	ug/L	100	
26) Halothane	4.352	117	30174	10.120	ug/L	98	
27) Acrylonitrile	4.362	53	6471	10.444	ug/L	98	
28) Ethyl tert-butyl ether	4.538	59	90880	9.890	ug/L	100	
29) Vinyl acetate	4.548	43	56330	9.878	ug/L	99	
30) cis-1,2-Dichloroethene	4.827	96	43658	10.389	ug/L	98	

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA122\2017\170816A\
 Data File : V22170816A01.D
 Acq On : 16 Aug 2017 08:17 am
 Operator : VOA122:PD
 Sample : WG1032492-2 (Sig #1); 8260 CCAL (Sig #2)
 Misc : WG1032492,ICAL13890 (Sig #1); WG,ICAL13890 (Sig #2)
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 16 08:40:23 2017
 Quant Method : I:\VOLATILES\VOA122\2017\170816A\V122_170804A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sat Aug 05 11:45:14 2017
 Response via : Initial Calibration

Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
31) 2,2-Dichloropropane	4.940	77	61002	11.384	ug/L	100
32) Bromochloromethane	5.023	128	18582	10.504	ug/L	97
33) Cyclohexane	5.023	56	57359	11.038	ug/L	98
34) Chloroform	5.095	83	67313	10.456	ug/L	100
35) Ethyl acetate	5.219	43	16298	9.378	ug/L	99
36) Carbon tetrachloride	5.229	117	55669	10.956	ug/L	98
37) Tetrahydrofuran	5.250	42	6214	9.636	ug/L	99
39) 1,1,1-Trichloroethane	5.301	97	63542	10.384	ug/L	99
41) 2-Butanone	5.404	43	6074	9.522	ug/L	86
42) 1,1-Dichloropropene	5.425	75	53680	10.623	ug/L	99
44) Benzene	5.673	78	154687	10.241	ug/L	100
45) tert-Amyl methyl ether	5.790	73	80490	9.494	ug/L	99
47) 1,2-Dichloroethane	5.883	62	39626	10.108	ug/L	100
50) Methyl cyclohexane	6.265	83	62500	10.582	ug/L	99
51) Trichloroethene	6.272	95	41647	10.671	ug/L	97
53) Dibromomethane	6.716	93	13587	9.346	ug/L	96
54) 1,2-Dichloropropane	6.825	63	34459	10.512	ug/L	99
56) 2-Chloroethyl vinyl ether	7.523	63	14330	8.624	ug/L	99
57) Bromodichloromethane	6.887	83	48549	9.920	ug/L	99
60) 1,4-Dioxane	7.105	88	2662	451.936	ug/L	92
61) cis-1,3-Dichloropropene	7.592	75	56559	10.043	ug/L	99
64) Toluene	7.862	92	97941	10.022	ug/L	100
65) 4-Methyl-2-pentanone	8.313	58	5873	8.219	ug/L	94
66) Tetrachloroethene	8.306	166	48826	9.657	ug/L	98
68) trans-1,3-Dichloropropene	8.348	75	47080	9.745	ug/L	99
70) Ethyl methacrylate	8.542	69	29679	8.623	ug/L	96
71) 1,1,2-Trichloroethane	8.528	83	21807	9.434	ug/L	99
72) Chlorodibromomethane	8.736	129	33317	9.137	ug/L	100
73) 1,3-Dichloropropane	8.861	76	44568	9.503	ug/L	100
74) 1,2-Dibromoethane	9.020	107	25743	8.786	ug/L	100
76) 2-Hexanone	9.321	43	8990	8.657	ug/L	99
77) Chlorobenzene	9.680	112	111707	9.828	ug/L	99
78) Ethylbenzene	9.723	91	193820	10.091	ug/L	99
79) 1,1,1,2-Tetrachloroethane	9.766	131	37986	9.583	ug/L	99
80) p/m Xylene	9.917	106	153195	19.912	ug/L	100
81) o Xylene	10.444	106	139507	19.762	ug/L	98
82) Styrene	10.519	104	220966	19.399	ug/L	100
84) Bromoform	10.530	173	20790	8.493	ug/L	100
86) Isopropylbenzene	10.832	105	203750	10.219	ug/L	99
88) Bromobenzene	11.262	156	45364	9.402	ug/L	100
89) n-Propylbenzene	11.305	91	236962	10.440	ug/L	99

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA122\2017\170816A\
 Data File : V22170816A01.D
 Acq On : 16 Aug 2017 08:17 am
 Operator : VOA122:PD
 Sample : WG1032492-2 (Sig #1); 8260 CCAL (Sig #2)
 Misc : WG1032492,ICAL13890 (Sig #1); WG,ICAL13890 (Sig #2)
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 16 08:40:23 2017
 Quant Method : I:\VOLATILES\VOA122\2017\170816A\V122_170804A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sat Aug 05 11:45:14 2017
 Response via : Initial Calibration

Sub List : 8260-Curve - Megamix plus Diox

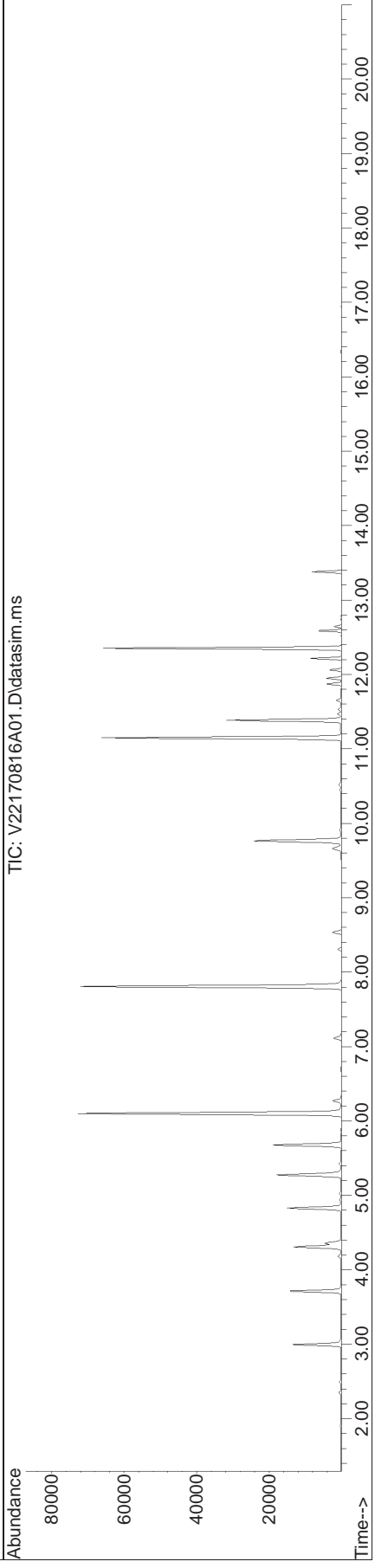
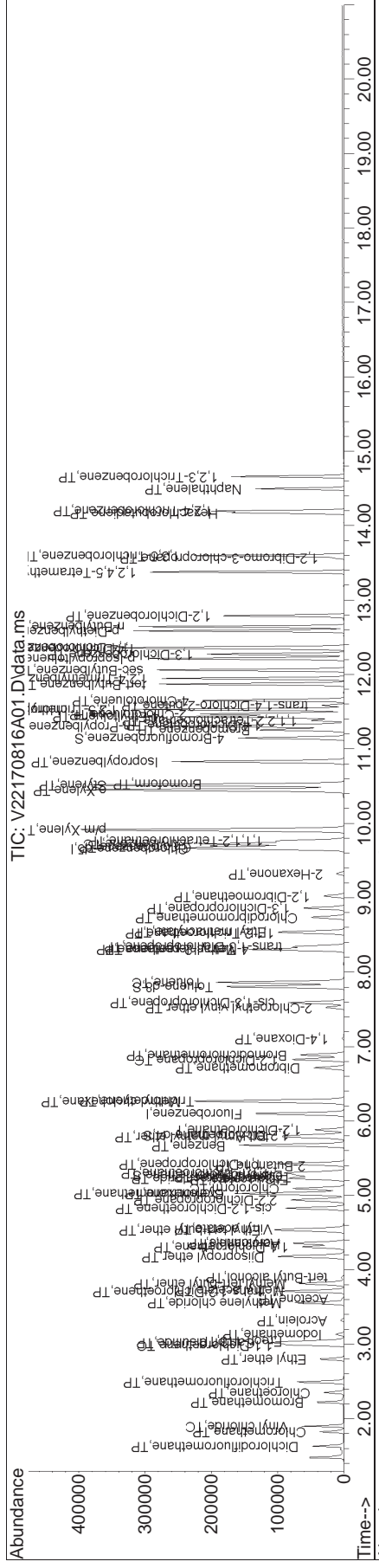
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) 1,4-Dichlorobutane	11.327	55	38258	9.489	ug/L	98
91) 1,1,2,2-Tetrachloroethane	11.380	83	27554	9.309	ug/L	99
92) 4-Ethyltoluene	11.434	105	188638	10.315	ug/L	100
93) 2-Chlorotoluene	11.467	91	151002	10.299	ug/L	100
94) 1,3,5-Trimethylbenzene	11.531	105	158977	10.178	ug/L	99
95) 1,2,3-Trichloropropane	11.531	75	22739	9.570	ug/L	95
96) trans-1,4-Dichloro-2-b...	11.585	53	6960	9.329	ug/L	97
97) 4-Chlorotoluene	11.650	91	135560	10.150	ug/L	99
98) tert-Butylbenzene	11.870	119	143395	10.016	ug/L	99
101) 1,2,4-Trimethylbenzene	11.944	105	158490	10.135	ug/L	99
102) sec-Butylbenzene	12.062	105	209278	10.325	ug/L	99
103) p-Isopropyltoluene	12.217	119	181073	10.293	ug/L	99
104) 1,3-Dichlorobenzene	12.276	146	92171	9.865	ug/L	99
105) 1,4-Dichlorobenzene	12.364	146	88706	9.611	ug/L	98
106) p-Diethylbenzene	12.586	119	105137	10.304	ug/L	99
107) n-Butylbenzene	12.645	91	166682	10.844	ug/L	99
108) 1,2-Dichlorobenzene	12.792	146	79876	9.516	ug/L	99
109) 1,2,4,5-Tetramethylben...	13.375	119	148256	9.834	ug/L	99
110) 1,2-Dibromo-3-chloropr...	13.567	155	4044	8.271	ug/L	99
111) 1,3,5-Trichlorobenzene	13.596	180	69249	9.852	ug/L	99
112) Hexachlorobutadiene	14.172	225	32582	10.357	ug/L	98
113) 1,2,4-Trichlorobenzene	14.201	180	58374	9.446	ug/L	99
114) Naphthalene	14.496	128	94664	8.671	ug/L	100
115) 1,2,3-Trichlorobenzene	14.659	180	50285	9.038	ug/L	99

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

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA122\2017\170816A\
 Data File : V22170816A01.D
 Acq On : 16 Aug 2017 08:17 am
 Operator : VOA122:PD
 Sample : WG1032492-2 (Sig #1); 8260 CCAL (Sig #2)
 Misc : WG1032492,ICAL13890 (Sig #1); WG,ICAL13890 (Sig #2)
 ALS Vial : 1 Sample Multiplier: 1
 Quant Time: Aug 16 08:40:23 2017
 Quant Method : I:\VOLATILES\VOA122\2017\170816A\122_170804A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sat Aug 05 11:45:14 2017
 Response via : Initial Calibration

Sub List : 8260-Curve - Megamix plus Diox



Manual Integration Report

Data Path : I:\VOLATILES\VOA122\2017\1QMethod : V122_170804A_8260.m
Data File : V22170816A01.D Operator : VOA122:PD
Date Inj'd : 8/16/2017 8:17 am Instrument : VOA122
Sample : WG1032492-2 Quant Date : 8/16/2017 8:40 am

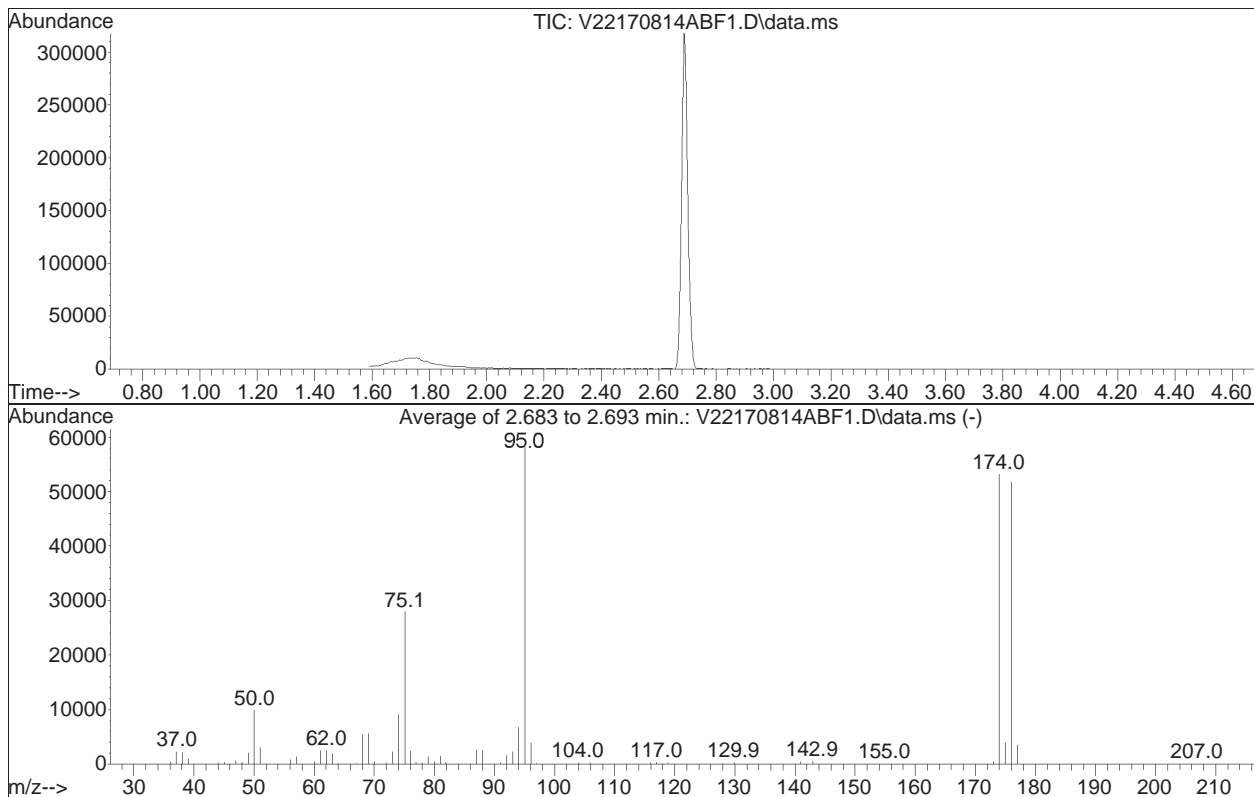
There are no manual integrations or false positives in this file.

BFB

Data Path : I:\VOLATILES\VOA122\2017\170813A\
 Data File : V22170814ABF1.D
 Acq On : 14 Aug 2017 12:05 pm
 Operator : VOA122:PD
 Sample : WG1031945-1
 Misc : WG1031945
 ALS Vial : 1 Sample Multiplier: 1

Integration File: rteint.p

Method : I:\VOLATILES\VOA122\2017\170813A\V122_170804A_8260.m
 Title : VOLATILES BY GC/MS
 Last Update : Sat Aug 05 11:45:14 2017



AutoFind: Scans 209, 210, 211; Background Corrected with Scan 201

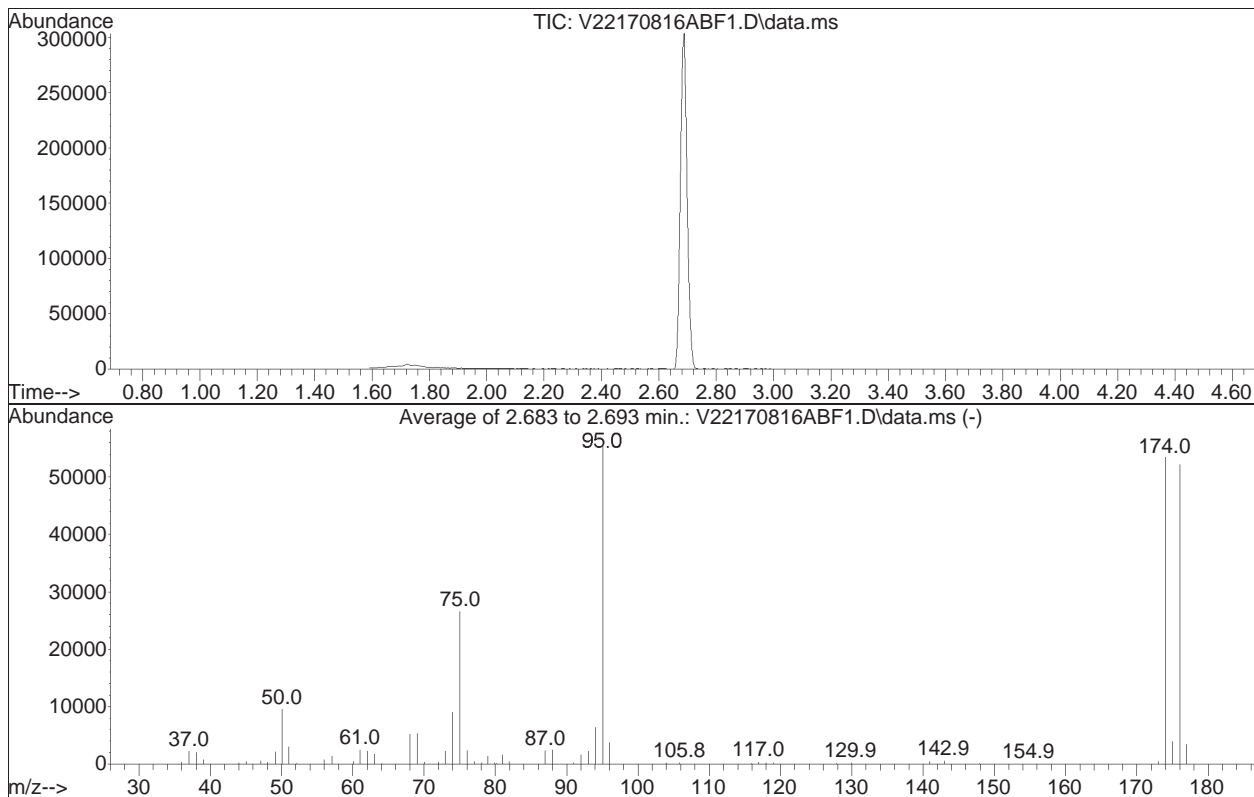
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	16.9	9915	PASS
75	95	30	60	47.7	27952	PASS
95	95	100	100	100.0	58608	PASS
96	95	5	9	6.7	3939	PASS
173	174	0.00	2	0.9	470	PASS
174	95	50	100	90.8	53243	PASS
175	174	5	9	7.5	3996	PASS
176	174	95	101	97.0	51669	PASS
177	176	5	9	6.6	3413	PASS

BFB

Data Path : I:\VOLATILES\VOA122\2017\170816A\
 Data File : V22170816ABF1.D
 Acq On : 16 Aug 2017 08:02 am
 Operator : VOA122:PD
 Sample : WG1032492-1
 Misc : WG1032492
 ALS Vial : 1 Sample Multiplier: 1

Integration File: rteint.p

Method : I:\VOLATILES\VOA122\2017\170816A\V122_170804A_8260.m
 Title : VOLATILES BY GC/MS
 Last Update : Sat Aug 05 11:45:14 2017



AutoFind: Scans 209, 210, 211; Background Corrected with Scan 201

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	17.2	9580	PASS
75	95	30	60	47.7	26560	PASS
95	95	100	100	100.0	55632	PASS
96	95	5	9	6.7	3711	PASS
173	174	0.00	2	0.9	500	PASS
174	95	50	100	96.0	53411	PASS
175	174	5	9	7.3	3891	PASS
176	174	95	101	97.8	52216	PASS
177	176	5	9	6.5	3409	PASS

Volatiles Raw QC Data

Quantitation Report (QT/LSC Reviewed)

Data Path : I:\VOLATILES\VOA122\2017\170813A\
 Data File : V22170814A05.D
 Acq On : 14 Aug 2017 02:14 pm
 Operator : VOA122:PD
 Sample : WG1031945-5,31,10,10 (Sig #1); METHOD BLK (Sig #2)
 Misc : WG1031945,ICAL13890 (Sig #1); WG,ICAL13890 (Sig #2)
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 14 14:38:20 2017
 Quant Method : I:\VOLATILES\VOA122\2017\170813A\V122_170804A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sat Aug 05 11:45:14 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA122\2017\170813A\V22170814A01.D
 Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Fluorobenzene	6.101	96	137940	10.000	ug/L	0.00
Standard Area 1 = 134445			Recovery = 102.60%			
62) Chlorobenzene-d5	9.658	117	117147	10.000	ug/L	0.00
Standard Area 1 = 113575			Recovery = 103.15%			
83) 1,4-Dichlorobenzene-d4	12.349	152	59523	10.000	ug/L	0.00
Standard Area 1 = 59934			Recovery = 99.31%			
System Monitoring Compounds						
38) Dibromofluoromethane	5.270	113	34341	9.633	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 96.33%			
46) 1,2-Dichloroethane-d4	5.813	65	31296	9.484	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 94.84%			
63) Toluene-d8	7.807	98	141357	10.038	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.38%			
87) 4-Bromofluorobenzene	11.144	95	53123	10.331	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 103.31%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.000		0		N.D.	
3) Chloromethane	0.000		0		N.D.	
4) Vinyl chloride	0.000		0		N.D.	
5) Bromomethane	0.000		0		N.D.	
6) Chloroethane	0.000		0		N.D.	
7) Trichlorofluoromethane	0.000		0		N.D.	
8) Ethyl ether	0.000		0		N.D.	
10) 1,1-Dichloroethene	0.000		0		N.D.	
11) Carbon disulfide	3.021	76	517		N.D.	
15) Methylene chloride	0.000		0		N.D.	
17) Acetone	0.000		0		N.D.	
18) trans-1,2-Dichloroethene	0.000		0		N.D.	
21) Methyl tert-butyl ether	0.000		0		N.D.	
25) 1,1-Dichloroethane	0.000		0		N.D.	
27) Acrylonitrile	0.000		0		N.D.	
29) Vinyl acetate	0.000		0		N.D.	
30) cis-1,2-Dichloroethene	0.000		0		N.D.	
31) 2,2-Dichloropropane	0.000		0		N.D.	
32) Bromochloromethane	0.000		0		N.D.	
34) Chloroform	0.000		0		N.D.	

Quantitation Report (QT/LSC Reviewed)

Data Path : I:\VOLATILES\VOA122\2017\170813A\
 Data File : V22170814A05.D
 Acq On : 14 Aug 2017 02:14 pm
 Operator : VOA122:PD
 Sample : WG1031945-5,31,10,10 (Sig #1); METHOD BLK (Sig #2)
 Misc : WG1031945,ICAL13890 (Sig #1); WG,ICAL13890 (Sig #2)
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 14 14:38:20 2017
 Quant Method : I:\VOLATILES\VOA122\2017\170813A\V122_170804A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sat Aug 05 11:45:14 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA122\2017\170813A\V22170814A01.D
 Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) Carbon tetrachloride	0.000		0		N.D.	
39) 1,1,1-Trichloroethane	0.000		0		N.D.	
41) 2-Butanone	0.000		0		N.D.	
42) 1,1-Dichloropropene	0.000		0		N.D.	
44) Benzene	0.000		0		N.D.	
47) 1,2-Dichloroethane	0.000		0		N.D.	
51) Trichloroethene	0.000		0		N.D.	
53) Dibromomethane	0.000		0		N.D.	
54) 1,2-Dichloropropane	0.000		0		N.D.	
57) Bromodichloromethane	0.000		0		N.D.	
60) 1,4-Dioxane	0.000		0		N.D.	
61) cis-1,3-Dichloropropene	0.000		0		N.D.	
64) Toluene	0.000		0		N.D.	
65) 4-Methyl-2-pentanone	0.000		0		N.D.	
66) Tetrachloroethene	0.000		0		N.D.	
68) trans-1,3-Dichloropropene	0.000		0		N.D.	
71) 1,1,2-Trichloroethane	0.000		0		N.D.	
72) Chlorodibromomethane	0.000		0		N.D.	
73) 1,3-Dichloropropane	0.000		0		N.D.	
74) 1,2-Dibromoethane	0.000		0		N.D.	
76) 2-Hexanone	0.000		0		N.D.	
77) Chlorobenzene	0.000		0		N.D.	
78) Ethylbenzene	0.000		0		N.D.	
79) 1,1,1,2-Tetrachloroethane	0.000		0		N.D.	
80) p/m Xylene	0.000		0		N.D.	
81) o Xylene	0.000		0		N.D.	
82) Styrene	0.000		0		N.D.	
84) Bromoform	0.000		0		N.D.	
86) Isopropylbenzene	0.000		0		N.D.	
88) Bromobenzene	0.000		0		N.D.	
89) n-Propylbenzene	0.000		0		N.D.	
91) 1,1,2,2-Tetrachloroethane	0.000		0		N.D.	
92) 4-Ethyltoluene	0.000		0		N.D.	
93) 2-Chlorotoluene	0.000		0		N.D.	
94) 1,3,5-Trimethylbenzene	0.000		0		N.D.	
95) 1,2,3-Trichloropropane	0.000		0		N.D.	
96) trans-1,4-Dichloro-2-b...	0.000		0		N.D.	
97) 4-Chlorotoluene	0.000		0		N.D.	
98) tert-Butylbenzene	0.000		0		N.D.	

Quantitation Report (QT/LSC Reviewed)

Data Path : I:\VOLATILES\VOA122\2017\170813A\
 Data File : V22170814A05.D
 Acq On : 14 Aug 2017 02:14 pm
 Operator : VOA122:PD
 Sample : WG1031945-5,31,10,10 (Sig #1); METHOD BLK (Sig #2)
 Misc : WG1031945,ICAL13890 (Sig #1); WG,ICAL13890 (Sig #2)
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 14 14:38:20 2017
 Quant Method : I:\VOLATILES\VOA122\2017\170813A\V122_170804A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sat Aug 05 11:45:14 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA122\2017\170813A\V22170814A01.D
 Sub List : 8260-Curve - Megamix plus Diox

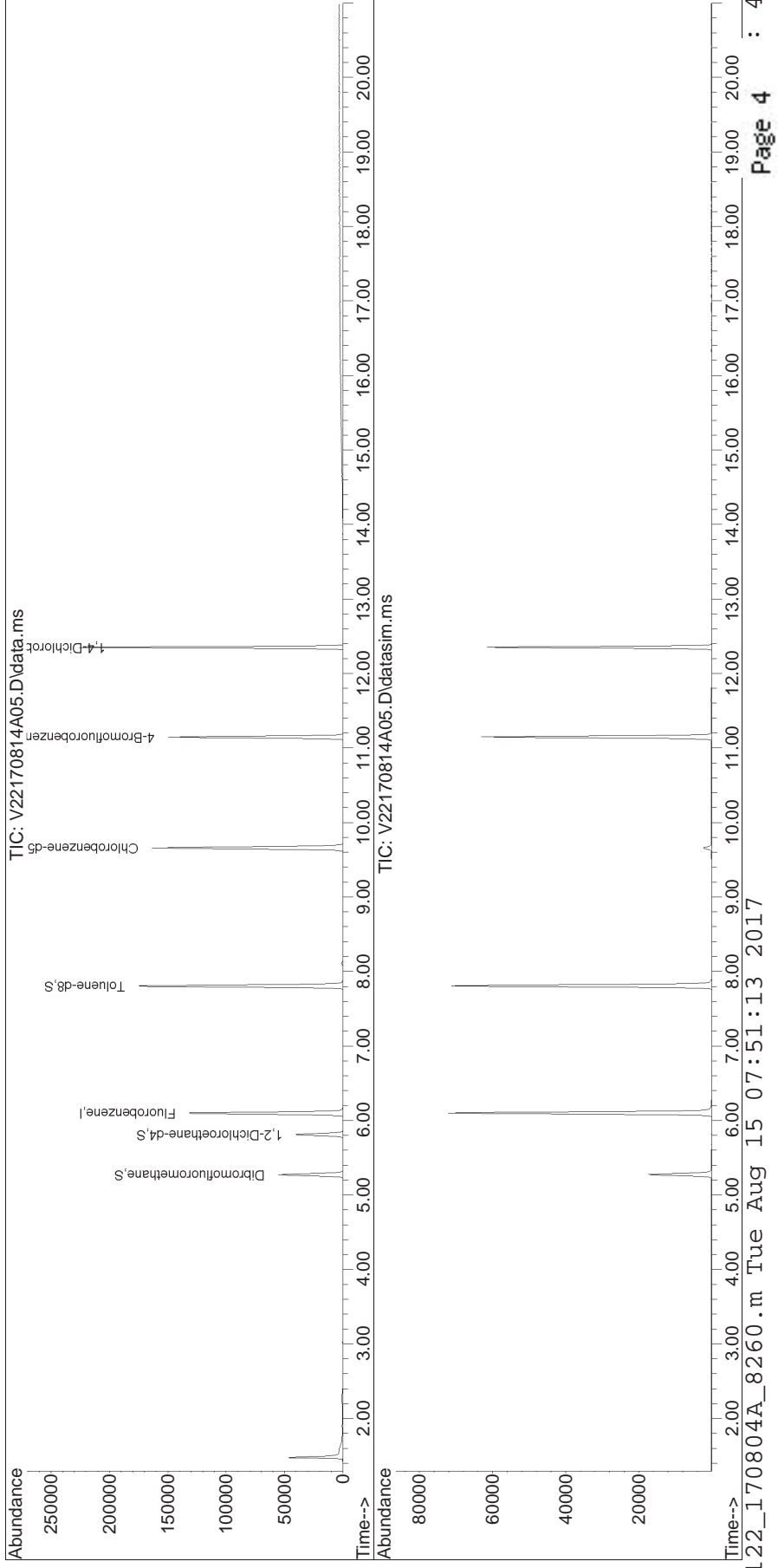
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
101) 1,2,4-Trimethylbenzene	0.000		0			N.D.
102) sec-Butylbenzene	0.000		0			N.D.
103) p-Isopropyltoluene	0.000		0			N.D.
104) 1,3-Dichlorobenzene	0.000		0			N.D.
105) 1,4-Dichlorobenzene	0.000		0			N.D.
106) p-Diethylbenzene	0.000		0			N.D.
107) n-Butylbenzene	0.000		0			N.D.
108) 1,2-Dichlorobenzene	0.000		0			N.D.
109) 1,2,4,5-Tetramethylben...	0.000		0			N.D.
110) 1,2-Dibromo-3-chloropr...	0.000		0			N.D.
112) Hexachlorobutadiene	0.000		0			N.D.
113) 1,2,4-Trichlorobenzene	0.000		0			N.D.
114) Naphthalene	0.000		0			N.D.
115) 1,2,3-Trichlorobenzene	0.000		0			N.D.

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

Quantitation Report (QT/LSC Reviewed)

Data Path : I:\VOLATILES\VOA122\2017\170813A\
Data File : V22170814A05.D
Acq On : 14 Aug 2017 02:14 pm
Operator : VOA122:PD
Sample : WG1031945-5,31,10,10 (Sig #1); METHOD BLK (Sig #2)
Misc : WG1031945,ICAL13890 (Sig #1); WG,ICAL13890 (Sig #2)
ALS Vial : 5 Sample Multiplier: 1
Quant Time: Aug 14 14:38:20 2017
Quant Method : I:\VOLATILES\VOA122\2017\170813A\170804A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sat Aug 05 11:45:14 2017
Response via : Initial Calibration

Sub List : 8260-Curve - Megamix plus Diox70813A\V22170814A01.D•



Manual Integration Report

Data Path : I:\VOLATILES\VOA122\2017\1QMethod : V122_170804A_8260.m
Data File : V22170814A05.D Operator : VOA122:PD
Date Inj'd : 8/14/2017 2:14 pm Instrument : VOA122
Sample : WG1031945-5,31,10,10 Quant Date : 8/14/2017 2:38 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA122\2017\170816A\
 Data File : V22170816A05.D
 Acq On : 16 Aug 2017 10:06 am
 Operator : VOA122:PD
 Sample : WG1032492-5,31,10,10 (Sig #1); METHOD BLK (Sig #2)
 Misc : WG1032492,ICAL13890 (Sig #1); WG,ICAL13890 (Sig #2)
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 16 10:29:45 2017
 Quant Method : I:\VOLATILES\VOA122\2017\170816A\V122_170804A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sat Aug 05 11:45:14 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA122\2017\170816A\V22170816A01.D
 Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	

Internal Standards							
1) Fluorobenzene	6.101	96	126981	10.000	ug/L	0.00	
Standard Area 1 = 139648			Recovery =	90.93%			
62) Chlorobenzene-d5	9.658	117	109456	10.000	ug/L	0.00	
Standard Area 1 = 120275			Recovery =	91.00%			
83) 1,4-Dichlorobenzene-d4	12.350	152	56558	10.000	ug/L	0.00	
Standard Area 1 = 63825			Recovery =	88.61%			
System Monitoring Compounds							
38) Dibromofluoromethane	5.270	113	31275	9.530	ug/L	0.00	
Spiked Amount 10.000	Range 70 - 130		Recovery =	95.30%			
46) 1,2-Dichloroethane-d4	5.813	65	29117	9.586	ug/L	0.00	
Spiked Amount 10.000	Range 70 - 130		Recovery =	95.86%			
63) Toluene-d8	7.807	98	130006	9.881	ug/L	0.00	
Spiked Amount 10.000	Range 70 - 130		Recovery =	98.81%			
87) 4-Bromofluorobenzene	11.144	95	49877	10.208	ug/L	0.00	
Spiked Amount 10.000	Range 70 - 130		Recovery =	102.08%			
Target Compounds							Qvalue
2) Dichlorodifluoromethane	0.000		0		N.D.		
3) Chloromethane	0.000		0		N.D.		
4) Vinyl chloride	0.000		0		N.D.		
5) Bromomethane	0.000		0		N.D.		
6) Chloroethane	0.000		0		N.D.		
7) Trichlorofluoromethane	0.000		0		N.D.		
8) Ethyl ether	0.000		0		N.D.		
10) 1,1-Dichloroethene	0.000		0		N.D.		
11) Carbon disulfide	3.021	76	304		N.D.		
15) Methylene chloride	3.558	84	98		N.D.		
17) Acetone	0.000		0		N.D.		
18) trans-1,2-Dichloroethene	0.000		0		N.D.		
21) Methyl tert-butyl ether	0.000		0		N.D.		
25) 1,1-Dichloroethane	0.000		0		N.D.		
27) Acrylonitrile	0.000		0		N.D.		
29) Vinyl acetate	0.000		0		N.D.		
30) cis-1,2-Dichloroethene	0.000		0		N.D.		
31) 2,2-Dichloropropane	0.000		0		N.D.		
32) Bromochloromethane	0.000		0		N.D.		
34) Chloroform	0.000		0		N.D.		

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA122\2017\170816A\
 Data File : V22170816A05.D
 Acq On : 16 Aug 2017 10:06 am
 Operator : VOA122:PD
 Sample : WG1032492-5,31,10,10 (Sig #1); METHOD BLK (Sig #2)
 Misc : WG1032492,ICAL13890 (Sig #1); WG,ICAL13890 (Sig #2)
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 16 10:29:45 2017
 Quant Method : I:\VOLATILES\VOA122\2017\170816A\V122_170804A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sat Aug 05 11:45:14 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA122\2017\170816A\V22170816A01.D
 Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) Carbon tetrachloride	0.000		0		N.D.	
39) 1,1,1-Trichloroethane	0.000		0		N.D.	
41) 2-Butanone	0.000		0		N.D.	
42) 1,1-Dichloropropene	0.000		0		N.D.	
44) Benzene	0.000		0		N.D.	
47) 1,2-Dichloroethane	0.000		0		N.D.	
51) Trichloroethene	0.000		0		N.D.	
53) Dibromomethane	0.000		0		N.D.	
54) 1,2-Dichloropropane	0.000		0		N.D.	
57) Bromodichloromethane	0.000		0		N.D.	
60) 1,4-Dioxane	0.000		0		N.D.	
61) cis-1,3-Dichloropropene	0.000		0		N.D.	
64) Toluene	0.000		0		N.D.	
65) 4-Methyl-2-pentanone	0.000		0		N.D.	
66) Tetrachloroethene	0.000		0		N.D.	
68) trans-1,3-Dichloropropene	0.000		0		N.D.	
71) 1,1,2-Trichloroethane	0.000		0		N.D.	
72) Chlorodibromomethane	0.000		0		N.D.	
73) 1,3-Dichloropropane	0.000		0		N.D.	
74) 1,2-Dibromoethane	0.000		0		N.D.	
76) 2-Hexanone	0.000		0		N.D.	
77) Chlorobenzene	0.000		0		N.D.	
78) Ethylbenzene	0.000		0		N.D.	
79) 1,1,1,2-Tetrachloroethane	0.000		0		N.D.	
80) p/m Xylene	0.000		0		N.D.	
81) o Xylene	0.000		0		N.D.	
82) Styrene	0.000		0		N.D.	
84) Bromoform	0.000		0		N.D.	
86) Isopropylbenzene	0.000		0		N.D.	
88) Bromobenzene	0.000		0		N.D.	
89) n-Propylbenzene	0.000		0		N.D.	
91) 1,1,2,2-Tetrachloroethane	0.000		0		N.D.	
92) 4-Ethyltoluene	0.000		0		N.D.	
93) 2-Chlorotoluene	0.000		0		N.D.	
94) 1,3,5-Trimethylbenzene	0.000		0		N.D.	
95) 1,2,3-Trichloropropane	0.000		0		N.D.	
96) trans-1,4-Dichloro-2-b...	0.000		0		N.D.	
97) 4-Chlorotoluene	0.000		0		N.D.	
98) tert-Butylbenzene	0.000		0		N.D.	

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA122\2017\170816A\
 Data File : V22170816A05.D
 Acq On : 16 Aug 2017 10:06 am
 Operator : VOA122:PD
 Sample : WG1032492-5,31,10,10 (Sig #1); METHOD BLK (Sig #2)
 Misc : WG1032492,ICAL13890 (Sig #1); WG,ICAL13890 (Sig #2)
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 16 10:29:45 2017
 Quant Method : I:\VOLATILES\VOA122\2017\170816A\V122_170804A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sat Aug 05 11:45:14 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA122\2017\170816A\V22170816A01.D
 Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
101) 1,2,4-Trimethylbenzene	0.000		0		N.D.	
102) sec-Butylbenzene	0.000		0		N.D.	
103) p-Isopropyltoluene	0.000		0		N.D.	
104) 1,3-Dichlorobenzene	0.000		0		N.D.	
105) 1,4-Dichlorobenzene	0.000		0		N.D.	
106) p-Diethylbenzene	0.000		0		N.D.	
107) n-Butylbenzene	0.000		0		N.D.	
108) 1,2-Dichlorobenzene	0.000		0		N.D.	
109) 1,2,4,5-Tetramethylben...	0.000		0		N.D.	
110) 1,2-Dibromo-3-chloropr...	0.000		0		N.D.	
112) Hexachlorobutadiene	0.000		0		N.D.	
113) 1,2,4-Trichlorobenzene	0.000		0		N.D.	
114) Naphthalene	0.000		0		N.D.	
115) 1,2,3-Trichlorobenzene	0.000		0		N.D.	

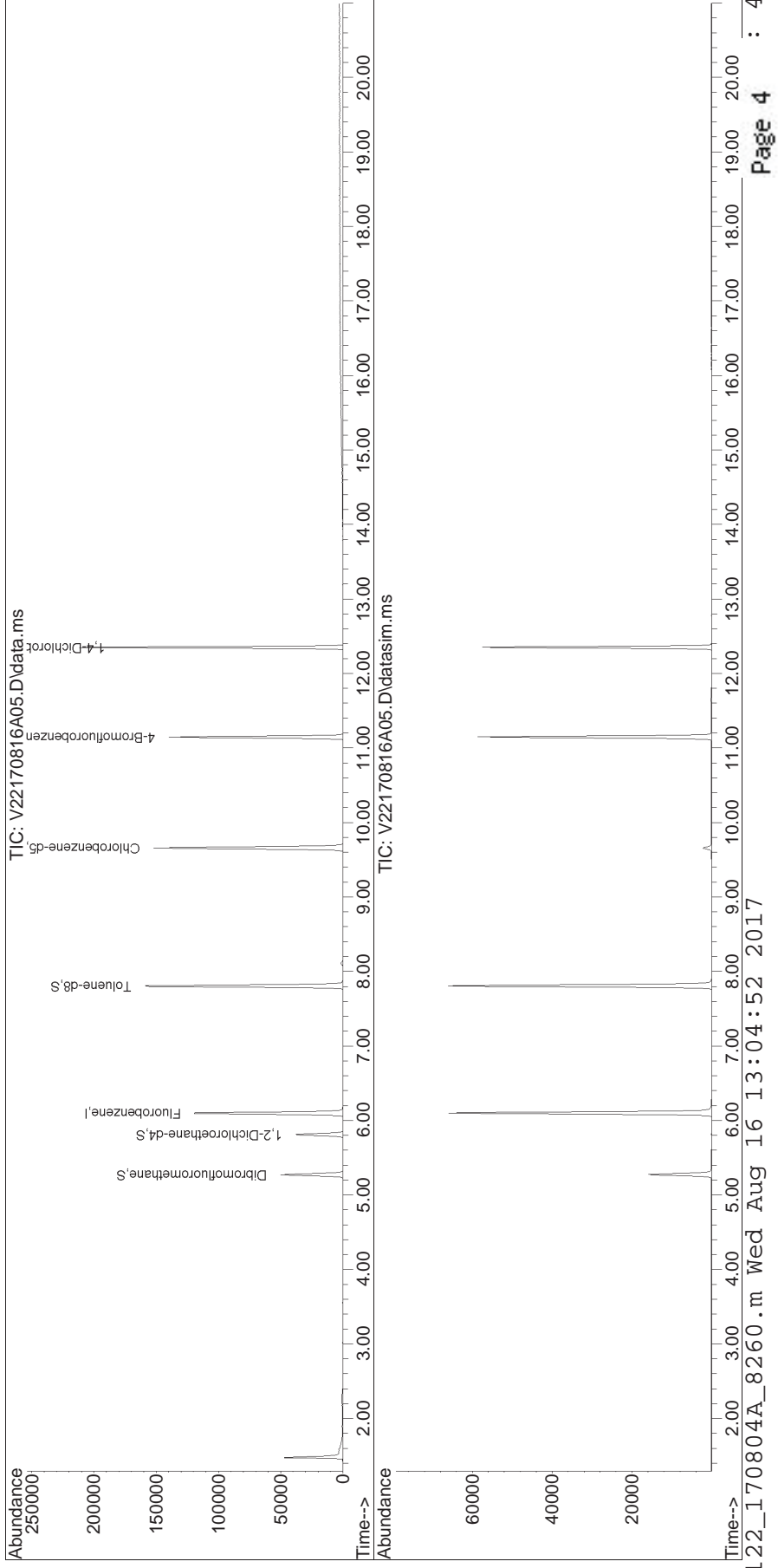
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA122\2017\170816A\
Data File : V22170816A05.D
Acq On : 16 Aug 2017 10:06 am
Operator : VOA122:PD
Sample : WG1032492-5,31,10,10 (Sig #1); METHOD BLK (Sig #2)
Misc : WG1032492,ICAL13890 (Sig #1); WG,ICAL13890 (Sig #2)
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 16 10:29:45 2017
Quant Method : I:\VOLATILES\VOA122\2017\170816A\170816A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sat Aug 05 11:45:14 2017
Response via : Initial Calibration

Sub List : 8260-Curve - Megamix plus Diox70816A\V22170816A01.D•



Manual Integration Report

Data Path : I:\VOLATILES\VOA122\2017\1QMethod : V122_170804A_8260.m
Data File : V22170816A05.D Operator : VOA122:PD
Date Inj'd : 8/16/2017 10:06 am Instrument : VOA122
Sample : WG1032492-5,31,10,10 Quant Date : 8/16/2017 10:29 am

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA122\2017\170813A\
 Data File : V22170814A01.D
 Acq On : 14 Aug 2017 12:25 pm
 Operator : VOA122:PD
 Sample : WG1031945-3,31,10,10 (Sig #1); 8260 CCAL (Sig #2)
 Misc : WG1031945,ICAL13890 (Sig #1); WG,ICAL13890 (Sig #2)
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 14 12:49:08 2017
 Quant Method : I:\VOLATILES\VOA122\2017\170813A\V122_170804A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sat Aug 05 11:45:14 2017
 Response via : Initial Calibration

Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	

Internal Standards							
1) Fluorobenzene	6.093	96	134445	10.000	ug/L	0.00	
62) Chlorobenzene-d5	9.658	117	113575	10.000	ug/L	0.00	
83) 1,4-Dichlorobenzene-d4	12.350	152	59934	10.000	ug/L	0.00	
System Monitoring Compounds							
38) Dibromofluoromethane	5.270	113	33911	9.760	ug/L	0.00	
Spiked Amount	10.000		Recovery	=	97.60%		
46) 1,2-Dichloroethane-d4	5.805	65	30329	9.430	ug/L	0.00	
Spiked Amount	10.000		Recovery	=	94.30%		
63) Toluene-d8	7.800	98	136810	10.021	ug/L	0.00	
Spiked Amount	10.000		Recovery	=	100.21%		
87) 4-Bromofluorobenzene	11.144	95	52952	10.227	ug/L	0.00	
Spiked Amount	10.000		Recovery	=	102.27%		
Target Compounds							
2) Dichlorodifluoromethane	1.628	85	39433	14.644	ug/L	99	Qvalue
3) Chloromethane	1.824	50	33705	10.987	ug/L	99	
4) Vinyl chloride	1.896	62	46201	12.033	ug/L	100	
5) Bromomethane	2.216	94	14021M1	5.578	ug/L		
6) Chloroethane	2.350	64	28517	12.348	ug/L	98	
7) Trichlorofluoromethane	2.495	101	61471	11.624	ug/L	99	
8) Ethyl ether	2.794	74	17773	10.827	ug/L	#	1
10) 1,1-Dichloroethene	2.990	96	37735	11.559	ug/L	100	
11) Carbon disulfide	3.021	76	100142	11.943	ug/L	100	
15) Methylene chloride	3.558	84	40195	11.554	ug/L	98	
17) Acetone	3.609	43	4566	10.867	ug/L	99	
18) trans-1,2-Dichloroethene	3.712	96	43619	11.567	ug/L	100	
21) Methyl tert-butyl ether	3.815	73	85597	10.613	ug/L	99	
25) 1,1-Dichloroethane	4.311	63	70355	11.797	ug/L	100	
27) Acrylonitrile	4.362	53	6962	11.672	ug/L	98	
29) Vinyl acetate	4.548	43	61444	11.191	ug/L	99	
30) cis-1,2-Dichloroethene	4.827	96	47275	11.685	ug/L	99	
31) 2,2-Dichloropropane	4.940	77	66965	12.981	ug/L	99	
32) Bromochloromethane	5.023	128	19879	11.672	ug/L	98	
34) Chloroform	5.095	83	72234	11.655	ug/L	99	
36) Carbon tetrachloride	5.229	117	60533	12.374	ug/L	99	
39) 1,1,1-Trichloroethane	5.301	97	68068	11.554	ug/L	99	
41) 2-Butanone	5.404	43	7140	11.626	ug/L	97	
42) 1,1-Dichloropropene	5.425	75	57259	11.770	ug/L	98	

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA122\2017\170813A\
 Data File : V22170814A01.D
 Acq On : 14 Aug 2017 12:25 pm
 Operator : VOA122:PD
 Sample : WG1031945-3,31,10,10 (Sig #1); 8260 CCAL (Sig #2)
 Misc : WG1031945,ICAL13890 (Sig #1); WG,ICAL13890 (Sig #2)
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 14 12:49:08 2017
 Quant Method : I:\VOLATILES\VOA122\2017\170813A\V122_170804A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sat Aug 05 11:45:14 2017
 Response via : Initial Calibration

Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Benzene	5.673	78	165670	11.393	ug/L	100
47) 1,2-Dichloroethane	5.875	62	42264	11.198	ug/L	99
51) Trichloroethene	6.265	95	43739	11.641	ug/L	99
53) Dibromomethane	6.716	93	14019	10.017	ug/L	97
54) 1,2-Dichloropropane	6.825	63	36234	11.481	ug/L	100
57) Bromodichloromethane	6.887	83	52148	11.067	ug/L	100
60) 1,4-Dioxane	7.105	88	7297	1286.777	ug/L	92
61) cis-1,3-Dichloropropene	7.592	75	60919	11.236	ug/L	100
64) Toluene	7.862	92	104917	11.369	ug/L	99
65) 4-Methyl-2-pentanone	8.313	58	6392	9.473	ug/L	95
66) Tetrachloroethene	8.306	166	53468	11.199	ug/L	99
68) trans-1,3-Dichloropropene	8.341	75	51040	11.187	ug/L	99
71) 1,1,2-Trichloroethane	8.528	83	23519	10.775	ug/L	99
72) Chlorodibromomethane	8.736	129	36427	10.580	ug/L	99
73) 1,3-Dichloropropane	8.861	76	47546	10.736	ug/L	100
74) 1,2-Dibromoethane	9.020	107	27606	9.977	ug/L	100
76) 2-Hexanone	9.321	43	10218	10.420	ug/L	97
77) Chlorobenzene	9.680	112	119425	11.126	ug/L	99
78) Ethylbenzene	9.723	91	206173	11.367	ug/L	99
79) 1,1,1,2-Tetrachloroethane	9.766	131	41545	11.099	ug/L	97
80) p/m Xylene	9.906	106	163614	22.521	ug/L	99
81) o Xylene	10.444	106	150334	22.552	ug/L	100
82) Styrene	10.509	104	239967	22.310	ug/L	100
84) Bromoform	10.530	173	23156	10.073	ug/L	100
86) Isopropylbenzene	10.831	105	217216	11.602	ug/L	100
88) Bromobenzene	11.262	156	49653	10.959	ug/L	100
89) n-Propylbenzene	11.305	91	254034	11.919	ug/L	99
91) 1,1,2,2-Tetrachloroethane	11.380	83	28531	10.265	ug/L	99
92) 4-Ethyltoluene	11.434	105	202696	11.803	ug/L	100
93) 2-Chlorotoluene	11.467	91	163617	11.884	ug/L	99
94) 1,3,5-Trimethylbenzene	11.531	105	171191	11.672	ug/L	99
95) 1,2,3-Trichloropropane	11.531	75	23032	10.323	ug/L	99
96) trans-1,4-Dichloro-2-b...	11.585	53	7546	10.771	ug/L	92
97) 4-Chlorotoluene	11.650	91	144876	11.552	ug/L	100
98) tert-Butylbenzene	11.870	119	154261	11.474	ug/L	100
101) 1,2,4-Trimethylbenzene	11.944	105	171297	11.665	ug/L	99
102) sec-Butylbenzene	12.062	105	224657	11.803	ug/L	99
103) p-Isopropyltoluene	12.217	119	193755	11.729	ug/L	100
104) 1,3-Dichlorobenzene	12.276	146	99774	11.372	ug/L	99
105) 1,4-Dichlorobenzene	12.364	146	97187	11.213	ug/L	99

Quantitation Report (QT Reviewed)

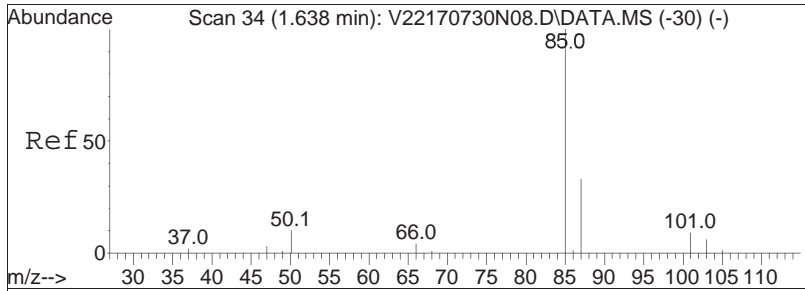
Data Path : I:\VOLATILES\VOA122\2017\170813A\
 Data File : V22170814A01.D
 Acq On : 14 Aug 2017 12:25 pm
 Operator : VOA122:PD
 Sample : WG1031945-3,31,10,10 (Sig #1); 8260 CCAL (Sig #2)
 Misc : WG1031945,ICAL13890 (Sig #1); WG,ICAL13890 (Sig #2)
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 14 12:49:08 2017
 Quant Method : I:\VOLATILES\VOA122\2017\170813A\V122_170804A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sat Aug 05 11:45:14 2017
 Response via : Initial Calibration

Sub List : 8260-Curve - Megamix plus Diox

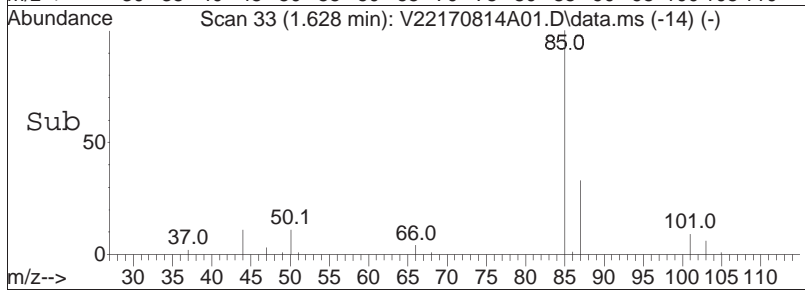
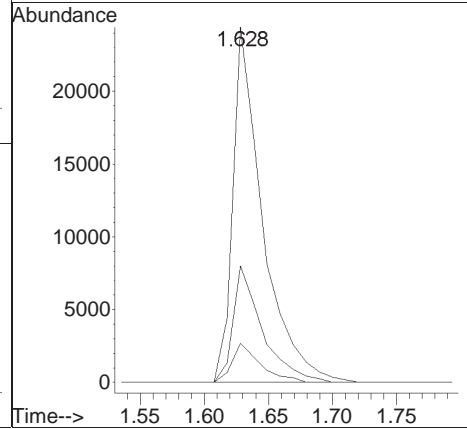
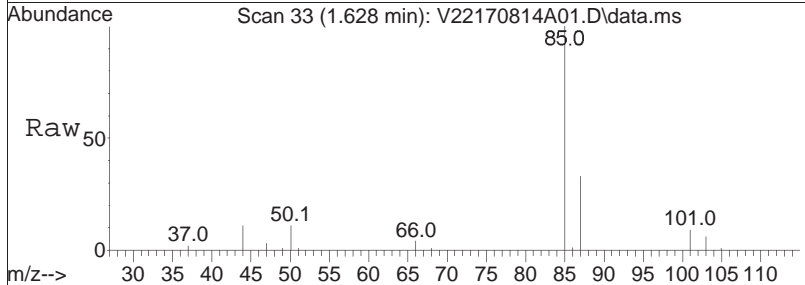
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
106) p-Diethylbenzene	12.586	119	111837	11.672	ug/L	99
107) n-Butylbenzene	12.645	91	177949	12.328	ug/L	99
108) 1,2-Dichlorobenzene	12.792	146	86321	10.951	ug/L	100
109) 1,2,4,5-Tetramethylben...	13.375	119	158244	11.178	ug/L	100
110) 1,2-Dibromo-3-chloropr...	13.567	155	4549	9.908	ug/L	99
112) Hexachlorobutadiene	14.172	225	33997	11.508	ug/L	99
113) 1,2,4-Trichlorobenzene	14.194	180	63134	10.879	ug/L	99
114) Naphthalene	14.496	128	102260	9.975	ug/L	100
115) 1,2,3-Trichlorobenzene	14.659	180	54321	10.397	ug/L	100

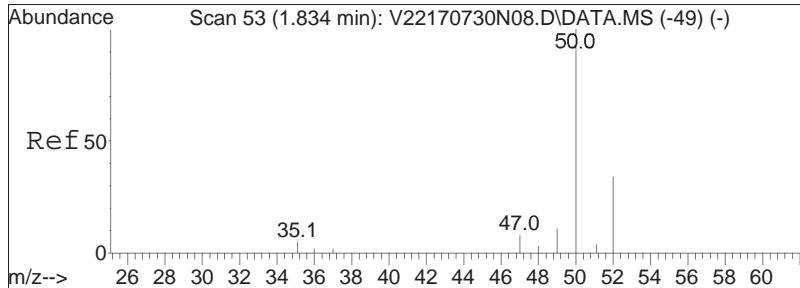
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 14.64 ug/L
 RT: 1.628 min Scan# 33
 Delta R.T. 0.000 min
 Lab File: V22170814A01.D
 Acq: 14 Aug 2017 12:25 pm

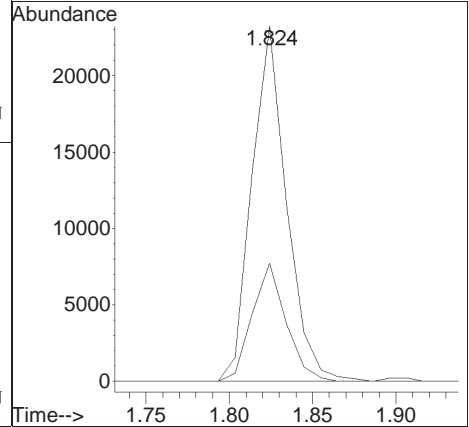
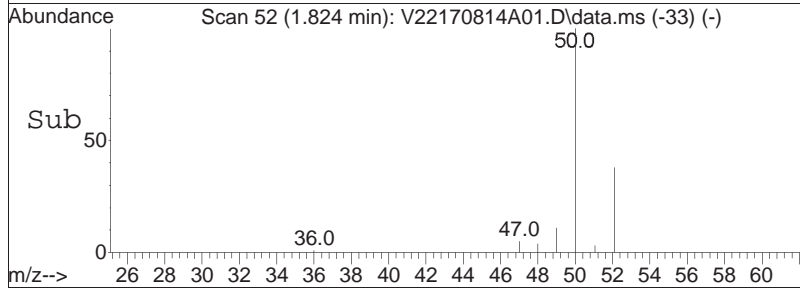
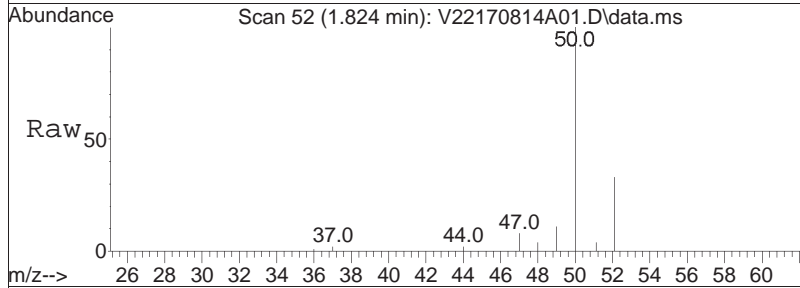
Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.3	20.7	42.9
50	10.5	6.8	14.2

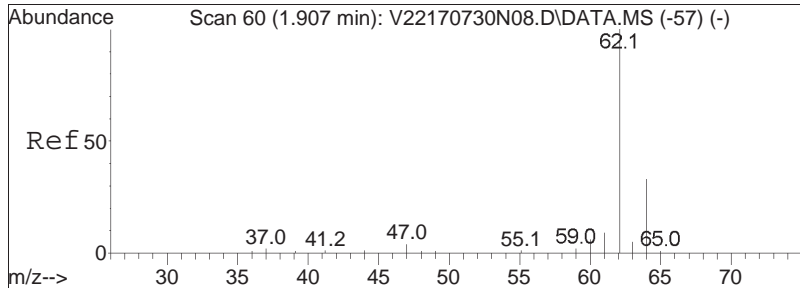




#3
 Chloromethane
 Concen: 10.99 ug/L
 RT: 1.824 min Scan# 52
 Delta R.T. 0.000 min
 Lab File: V22170814A01.D
 Acq: 14 Aug 2017 12:25 pm

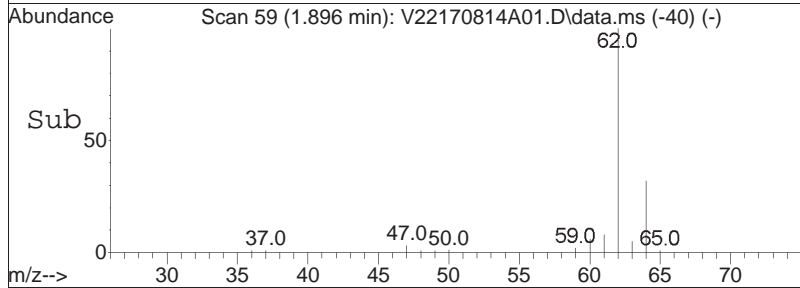
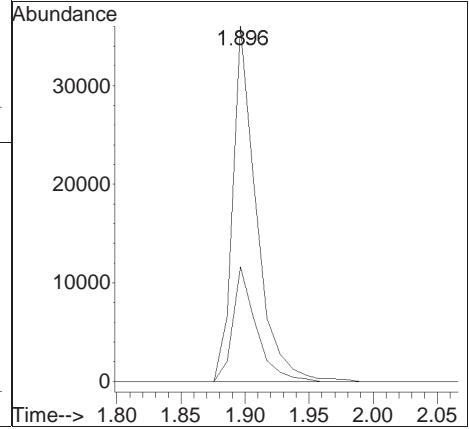
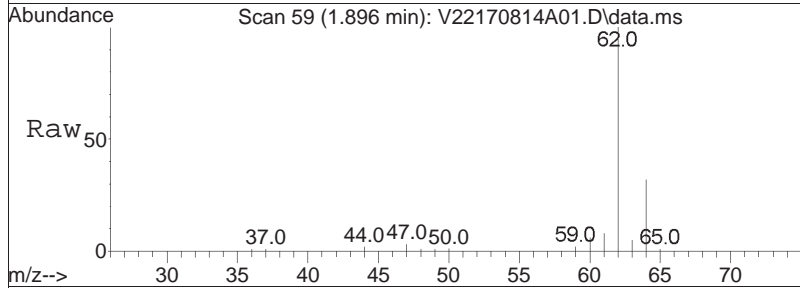
Tgt Ion	Resp	Lower	Upper
50	100		
52	32.4	12.8	52.8

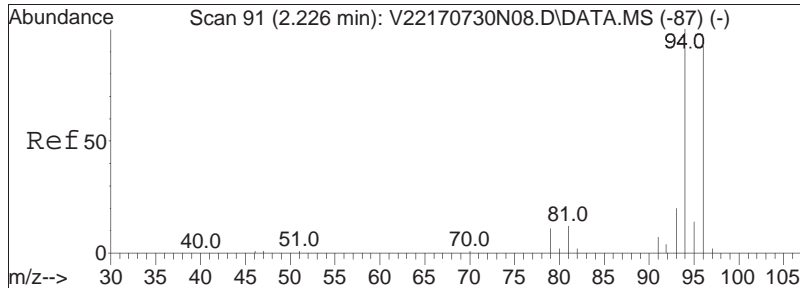




#4
 Vinyl chloride
 Concen: 12.03 ug/L
 RT: 1.896 min Scan# 59
 Delta R.T. 0.000 min
 Lab File: V22170814A01.D
 Acq: 14 Aug 2017 12:25 pm

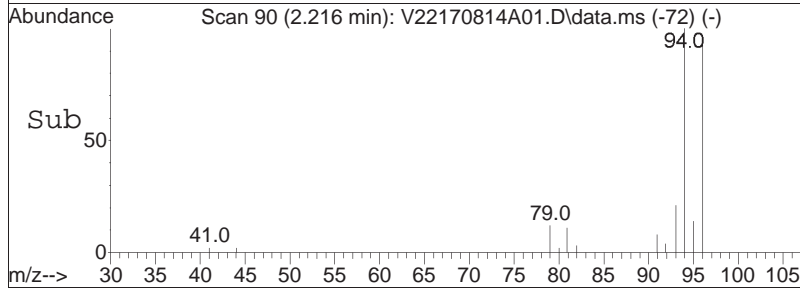
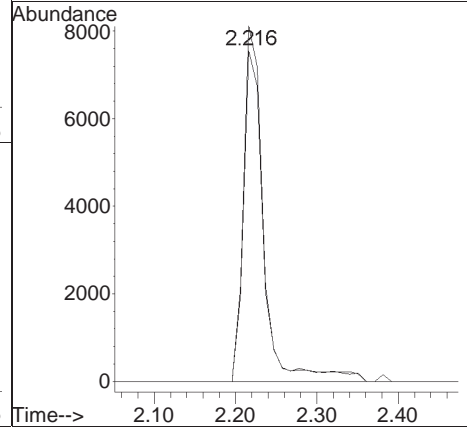
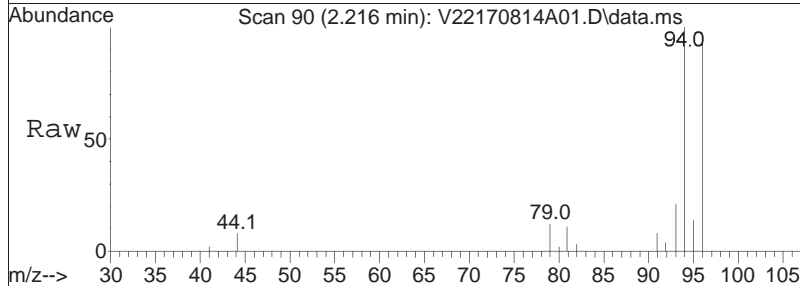
Tgt Ion:	Resp:		
Ion	Ratio	Lower	Upper
62	100		
64	31.8	12.0	52.0

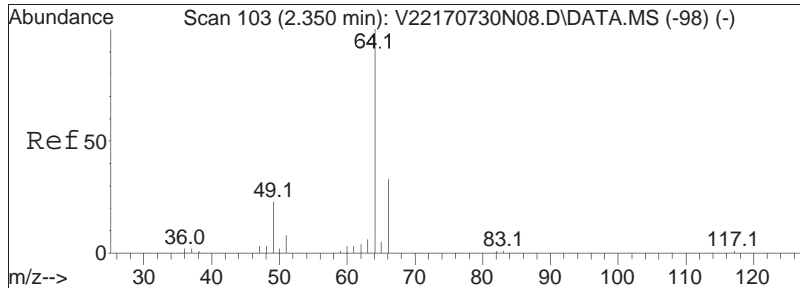




#5
 Bromomethane
 Concen: 5.58 ug/L M1
 RT: 2.216 min Scan# 90
 Delta R.T. -0.010 min
 Lab File: V22170814A01.D
 Acq: 14 Aug 2017 12:25 pm

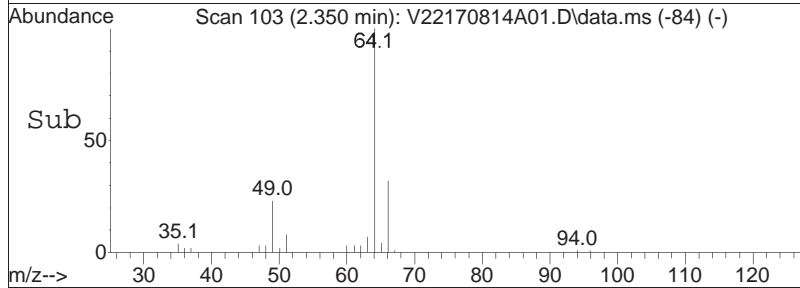
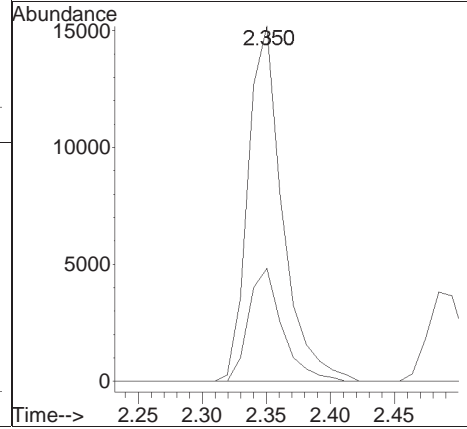
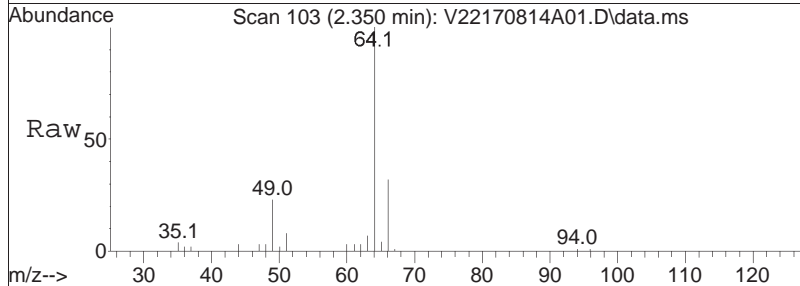
Tgt Ion	Resp	Lower	Upper
94	14021		
96	93.8	72.8	112.8

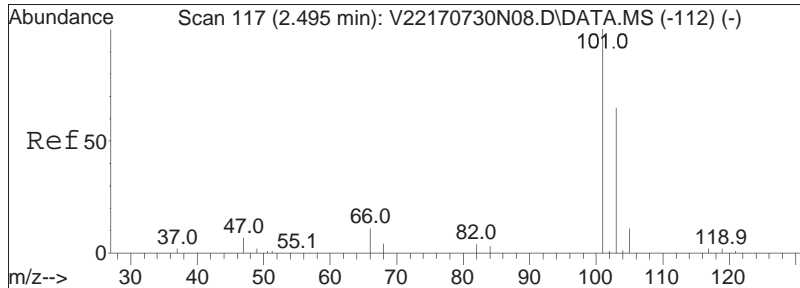




#6
 Chloroethane
 Concen: 12.35 ug/L
 RT: 2.350 min Scan# 103
 Delta R.T. 0.000 min
 Lab File: V22170814A01.D
 Acq: 14 Aug 2017 12:25 pm

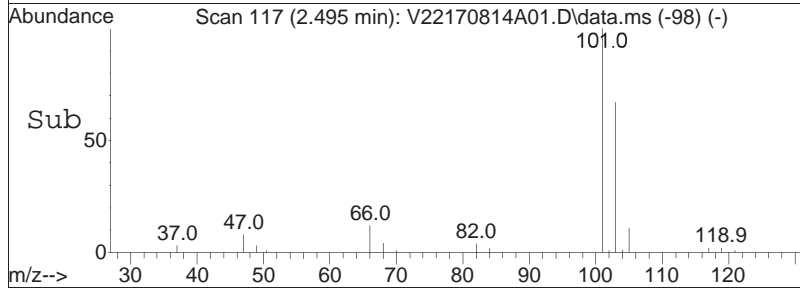
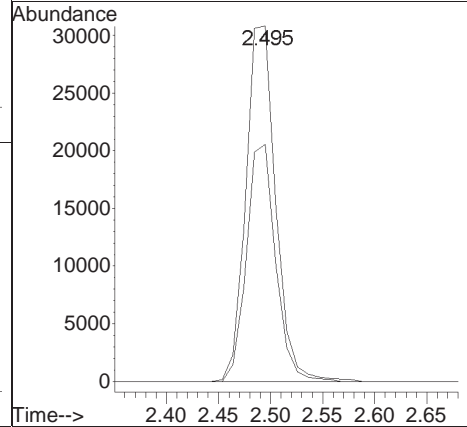
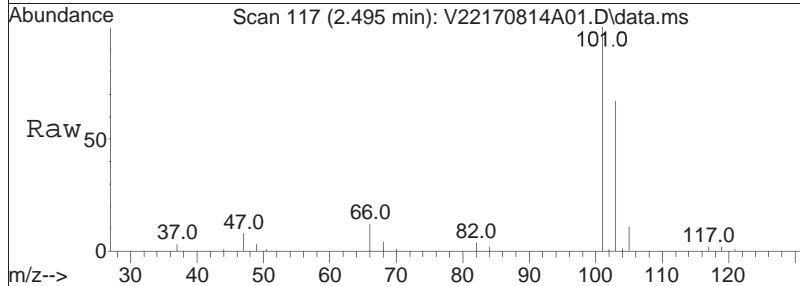
Tgt Ion:	Resp:	Lower	Upper
64	100		
66	31.2	12.2	52.2

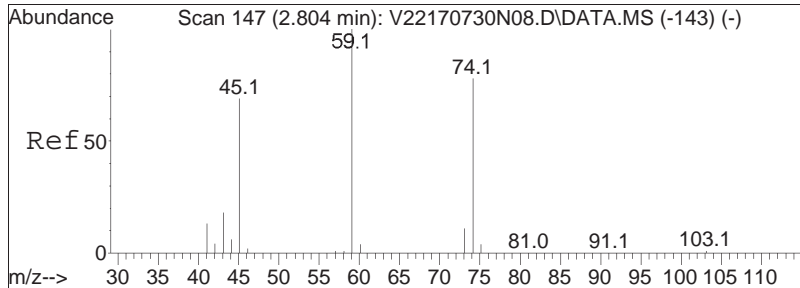




#7
 Trichlorofluoromethane
 Concen: 11.62 ug/L
 RT: 2.495 min Scan# 117
 Delta R.T. -0.000 min
 Lab File: V22170814A01.D
 Acq: 14 Aug 2017 12:25 pm

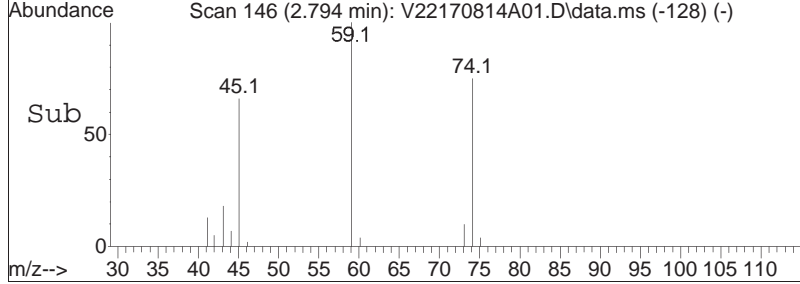
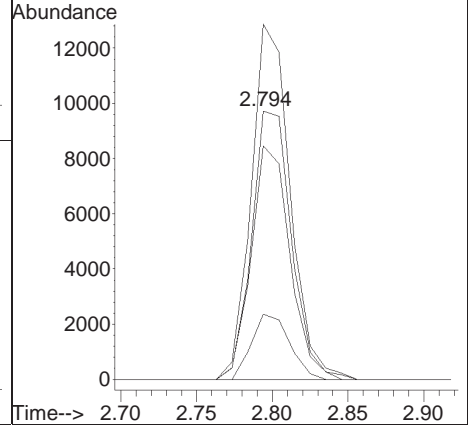
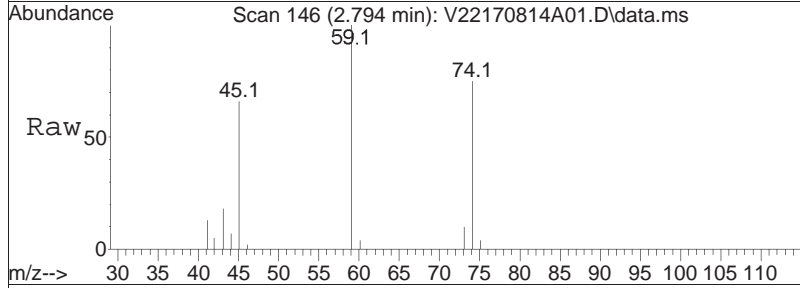
Tgt Ion	Resp	Lower	Upper
101	100		
103	65.0	51.6	77.4

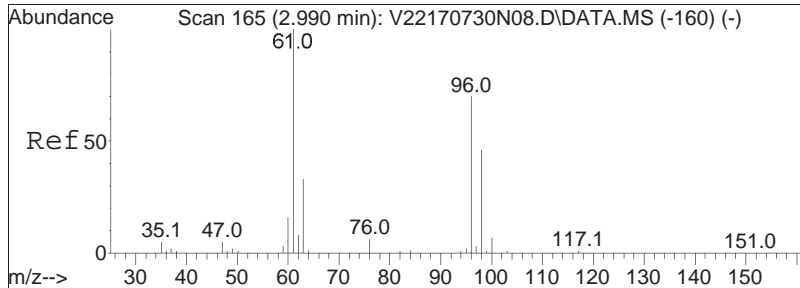




#8
 Ethyl ether
 Concen: 10.83 ug/L
 RT: 2.794 min Scan# 146
 Delta R.T. -0.010 min
 Lab File: V22170814A01.D
 Acq: 14 Aug 2017 12:25 pm

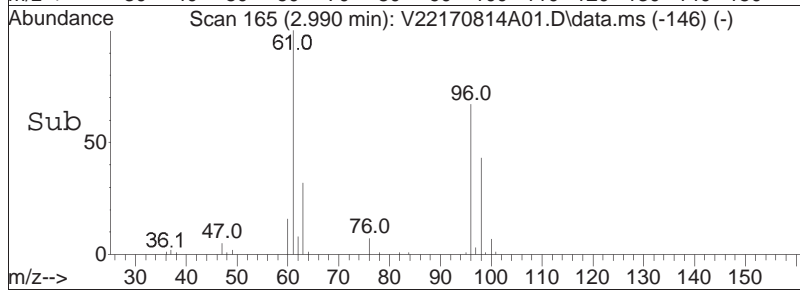
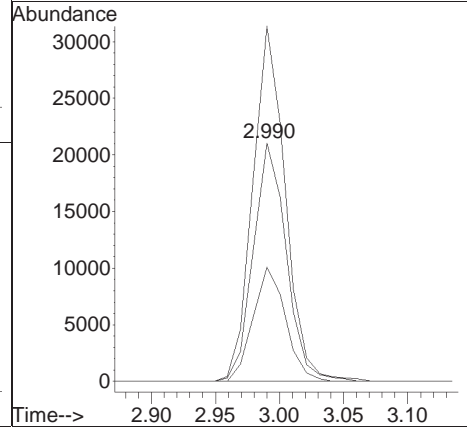
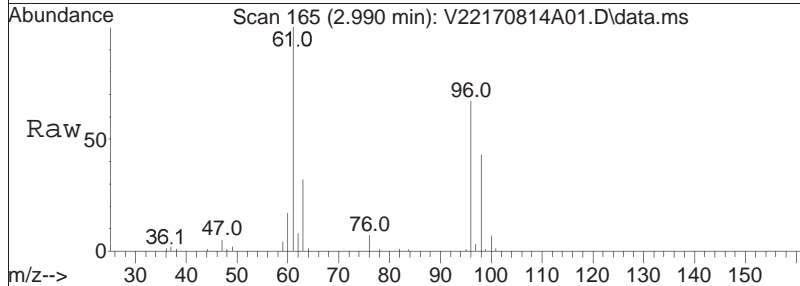
Tgt Ion	Resp	Lower	Upper
74	100		
59	129.3	2122.4	4408.0#
45	84.7	1435.1	2980.5#
43	23.2	407.9	847.3#

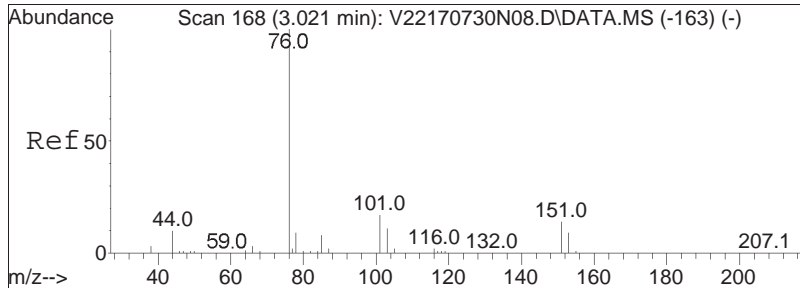




#10
 1,1-Dichloroethene
 Concen: 11.56 ug/L
 RT: 2.990 min Scan# 165
 Delta R.T. 0.000 min
 Lab File: V22170814A01.D
 Acq: 14 Aug 2017 12:25 pm

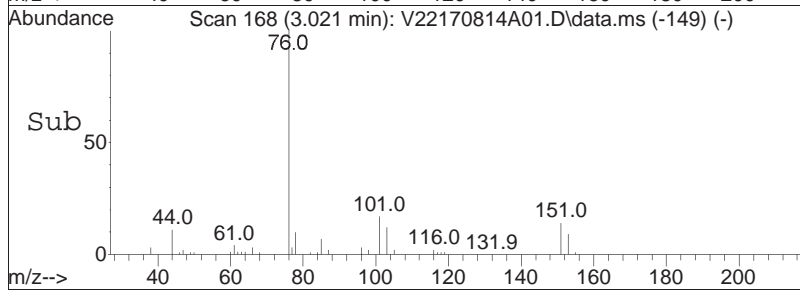
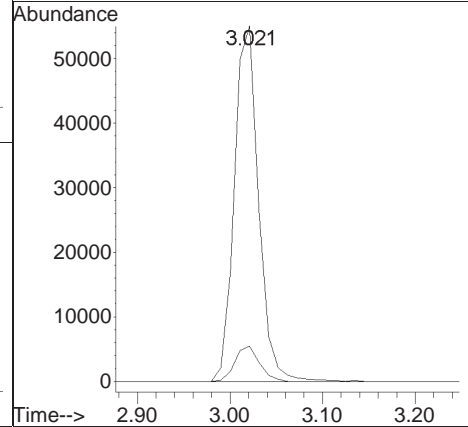
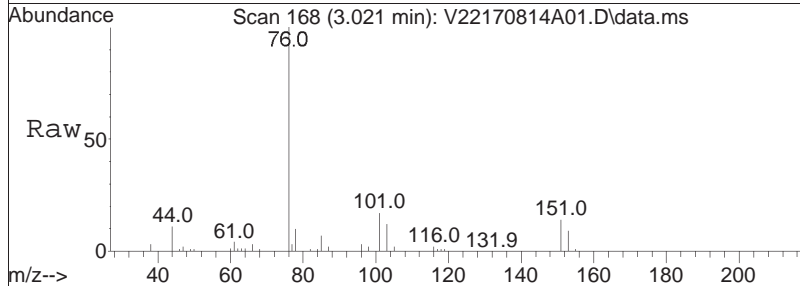
Tgt Ion:	96	Resp:	37735
Ion Ratio	Lower	Upper	
96	100		
61	146.8	117.0	175.4
63	47.4	37.8	56.6

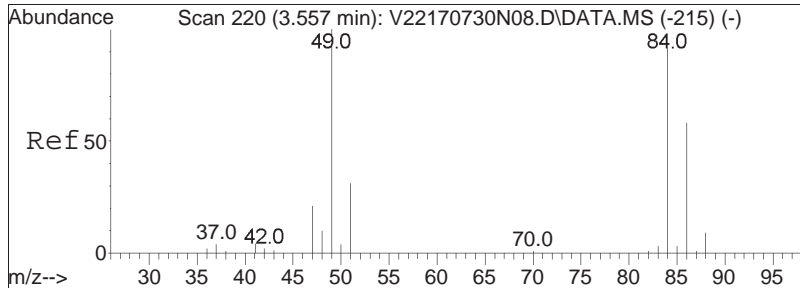




#11
 Carbon disulfide
 Concen: 11.94 ug/L
 RT: 3.021 min Scan# 168
 Delta R.T. 0.000 min
 Lab File: V22170814A01.D
 Acq: 14 Aug 2017 12:25 pm

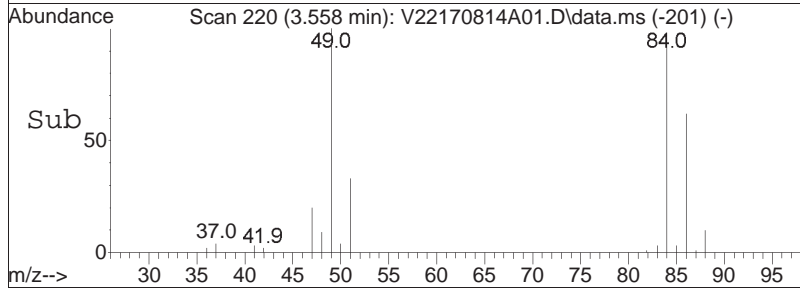
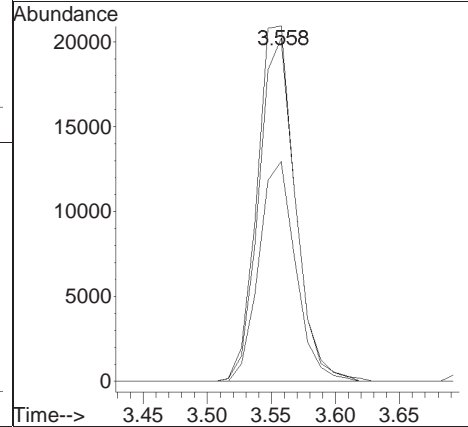
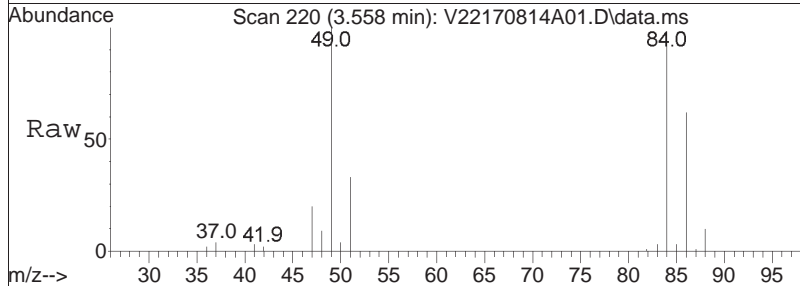
Tgt Ion	Resp	Lower	Upper
76	100142		
78	10.0	6.4	13.4

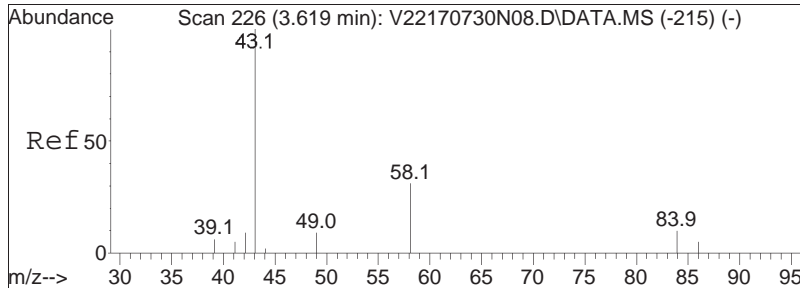




#15
 Methylene chloride
 Concen: 11.55 ug/L
 RT: 3.558 min Scan# 220
 Delta R.T. 0.001 min
 Lab File: V22170814A01.D
 Acq: 14 Aug 2017 12:25 pm

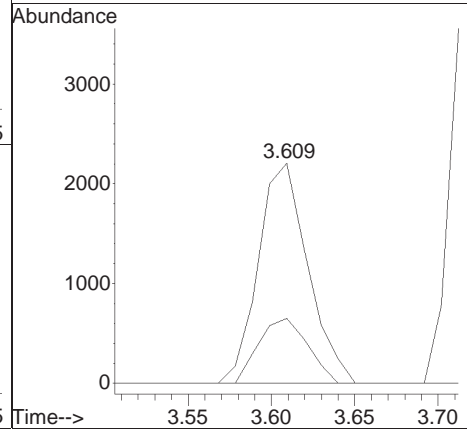
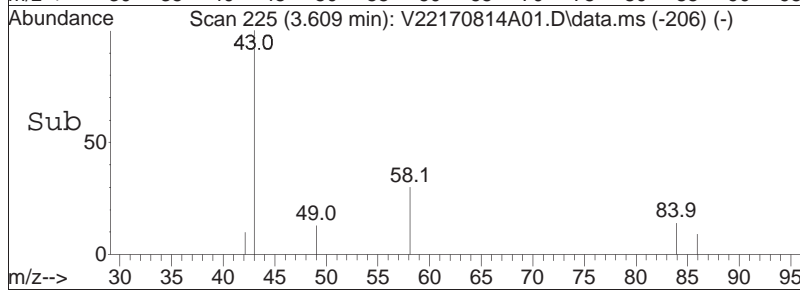
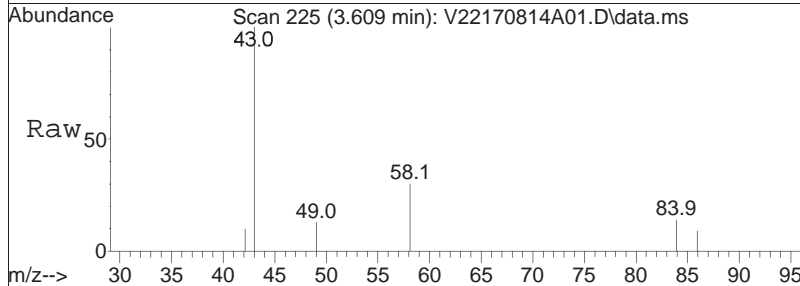
Tgt Ion	Resp	Lower	Upper
84	100		
86	64.5	41.5	86.3
49	108.2	68.8	143.0

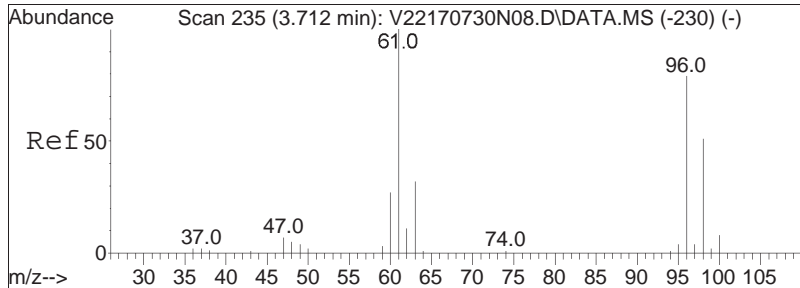




#17
 Acetone
 Concen: 10.87 ug/L
 RT: 3.609 min Scan# 225
 Delta R.T. 0.000 min
 Lab File: V22170814A01.D
 Acq: 14 Aug 2017 12:25 pm

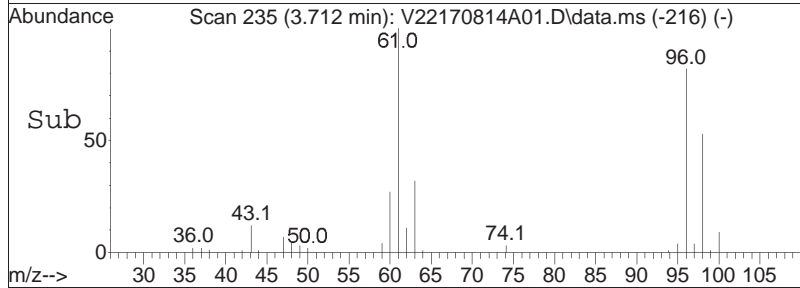
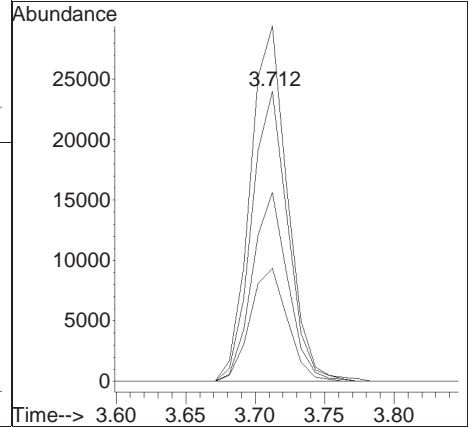
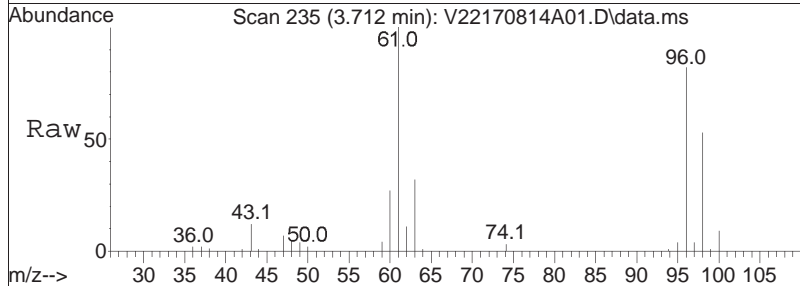
Tgt Ion: 43 Resp: 4566
 Ion Ratio Lower Upper
 43 100
 58 29.3 23.1 34.7

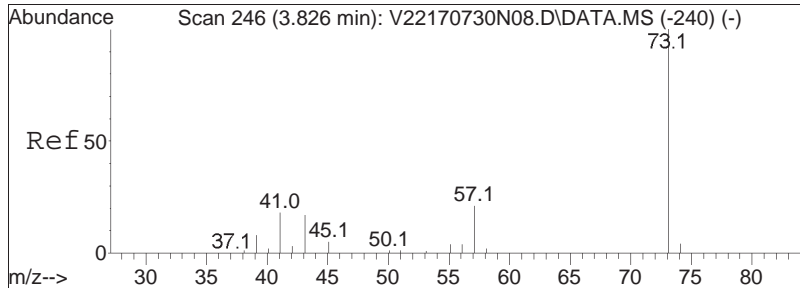




#18
 trans-1,2-Dichloroethene
 Concen: 11.57 ug/L
 RT: 3.712 min Scan# 235
 Delta R.T. 0.000 min
 Lab File: V22170814A01.D
 Acq: 14 Aug 2017 12:25 pm

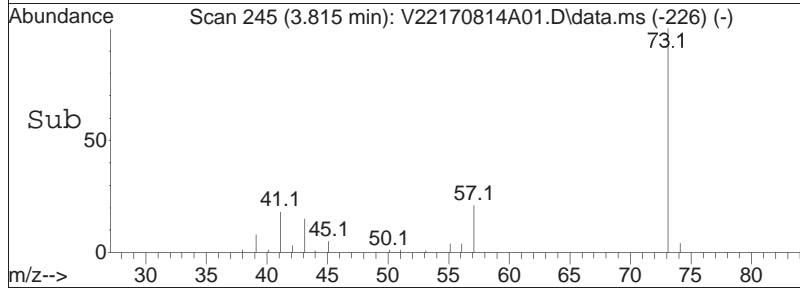
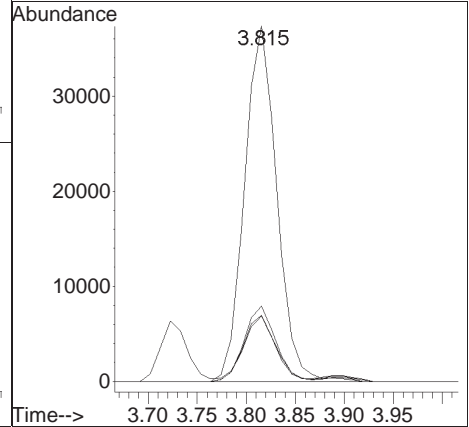
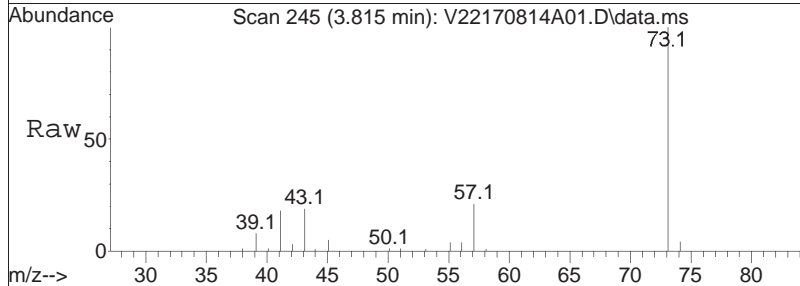
Tgt Ion	Resp	Lower	Upper
96	100		
61	126.4	81.6	169.6
98	64.4	41.8	86.8
63	40.4	26.3	54.7

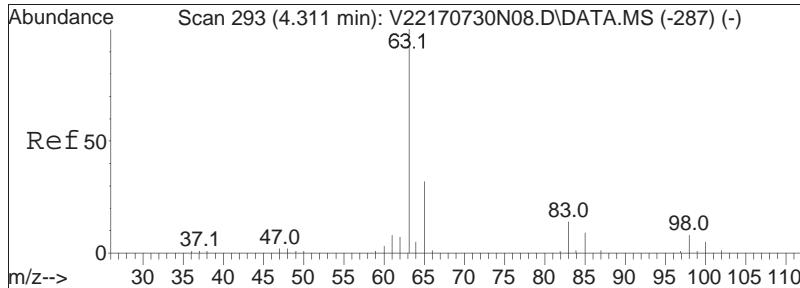




#21
 Methyl tert-butyl ether
 Concen: 10.61 ug/L
 RT: 3.815 min Scan# 245
 Delta R.T. 0.000 min
 Lab File: V22170814A01.D
 Acq: 14 Aug 2017 12:25 pm

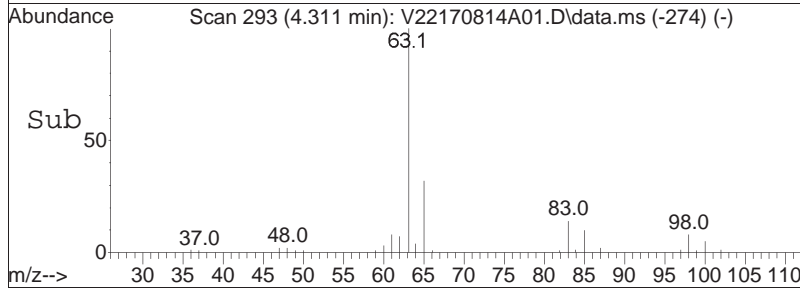
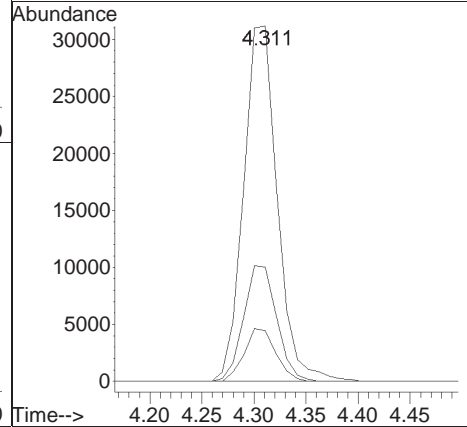
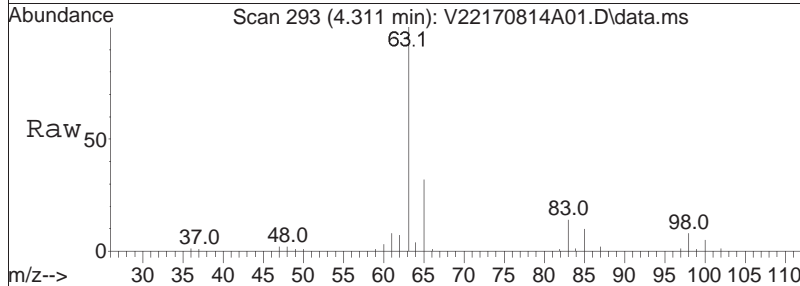
Tgt Ion	Resp	Lower	Upper
73	100		
57	20.7	13.6	28.2
43	19.0	12.7	26.5
41	18.2	11.4	23.8

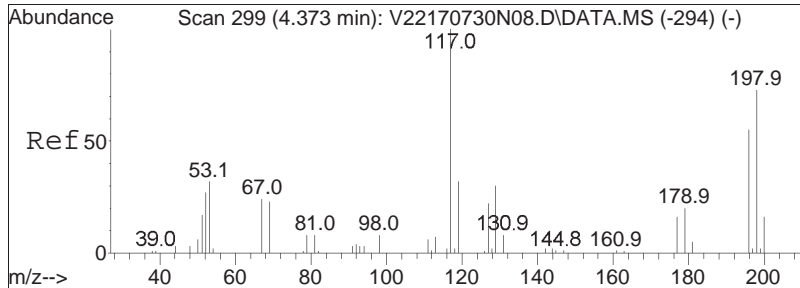




#25
 1,1-Dichloroethane
 Concen: 11.80 ug/L
 RT: 4.311 min Scan# 293
 Delta R.T. -0.000 min
 Lab File: V22170814A01.D
 Acq: 14 Aug 2017 12:25 pm

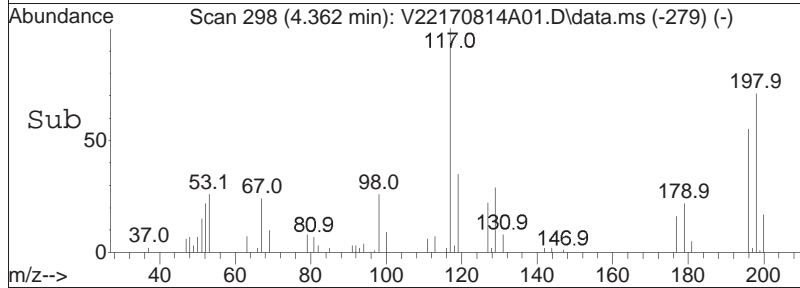
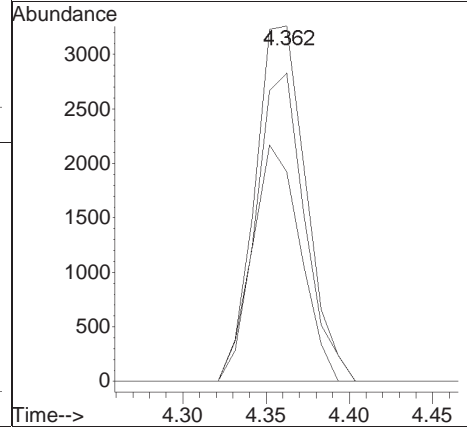
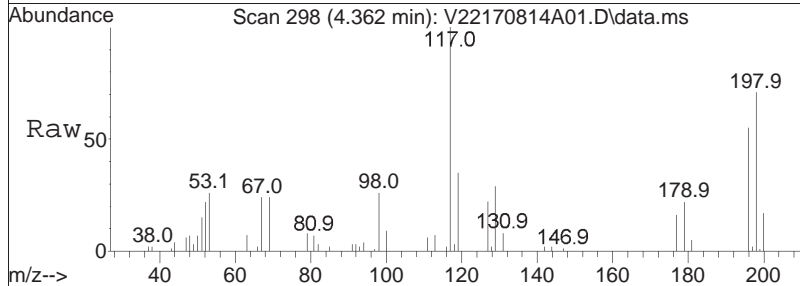
Tgt Ion	Resp	Lower	Upper
63	100		
65	31.9	11.9	51.9
83	13.9	0.0	34.2

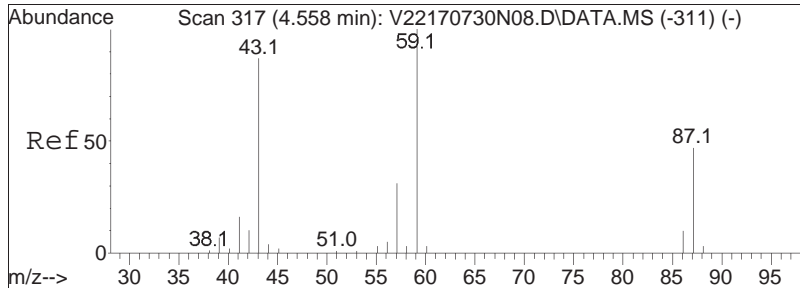




#27
 Acrylonitrile
 Concen: 11.67 ug/L
 RT: 4.362 min Scan# 298
 Delta R.T. 0.000 min
 Lab File: V22170814A01.D
 Acq: 14 Aug 2017 12:25 pm

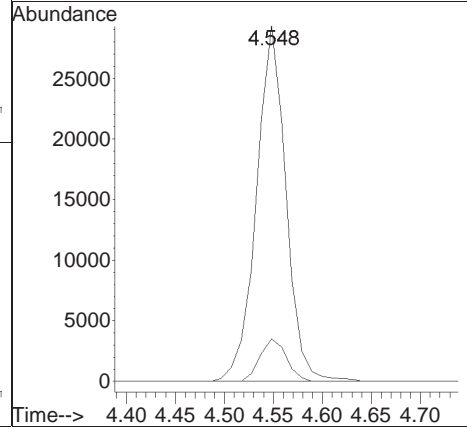
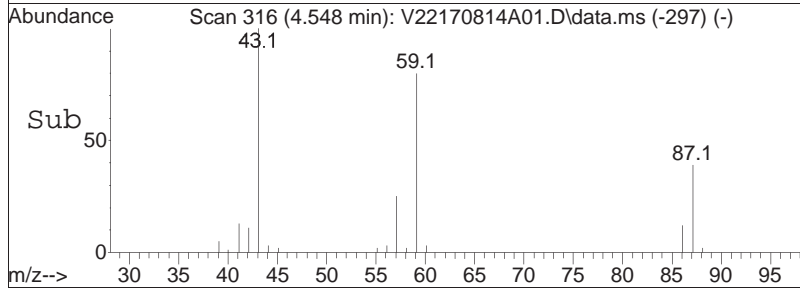
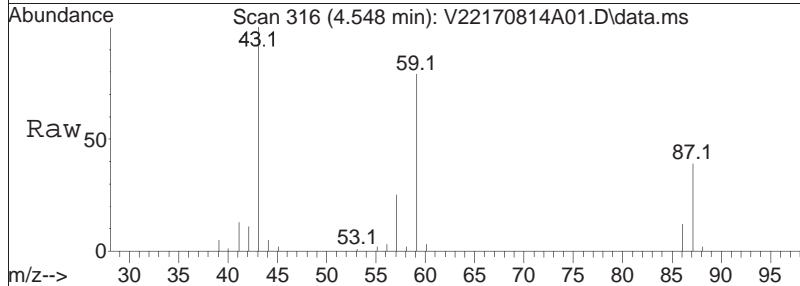
Tgt Ion:	53	Resp:	6962
Ion Ratio	Lower	Upper	
53	100		
52	82.8	63.8	95.8
51	63.1	50.2	75.4

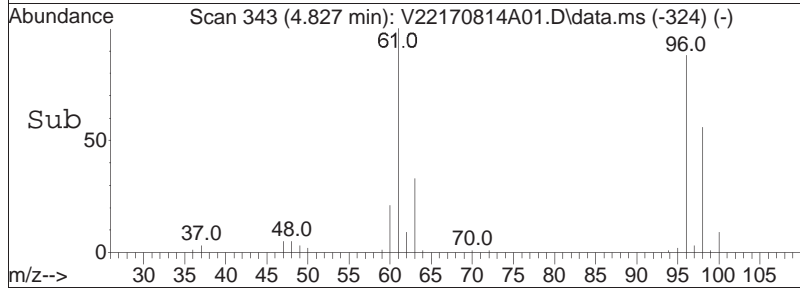
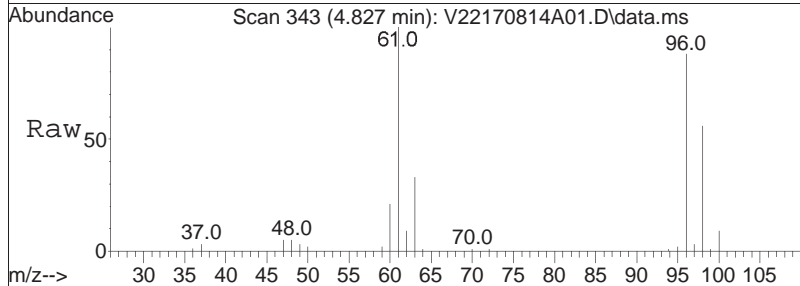
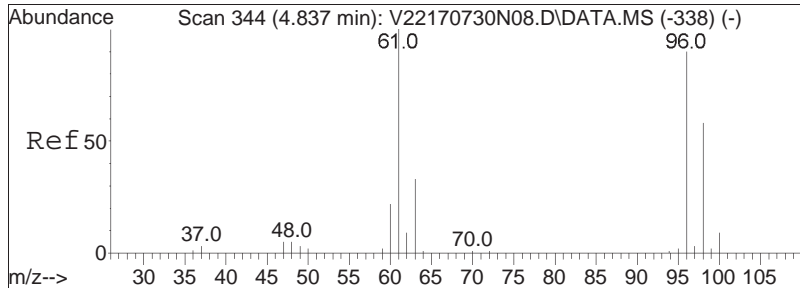




#29
 Vinyl acetate
 Concen: 11.19 ug/L
 RT: 4.548 min Scan# 316
 Delta R.T. 0.000 min
 Lab File: V22170814A01.D
 Acq: 14 Aug 2017 12:25 pm

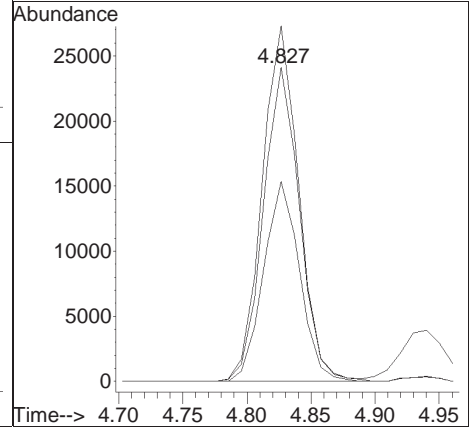
Tgt Ion: 43 Resp: 61444
 Ion Ratio Lower Upper
 43 100
 86 10.7 8.9 13.3

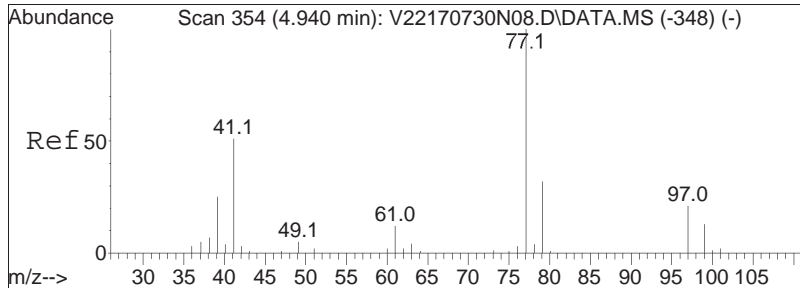




#30
 cis-1,2-Dichloroethene
 Concen: 11.68 ug/L
 RT: 4.827 min Scan# 343
 Delta R.T. -0.000 min
 Lab File: V22170814A01.D
 Acq: 14 Aug 2017 12:25 pm

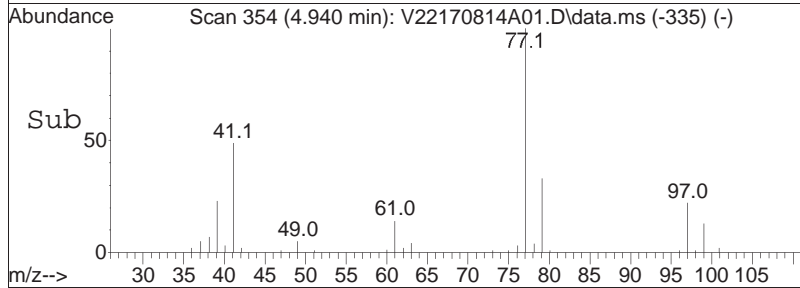
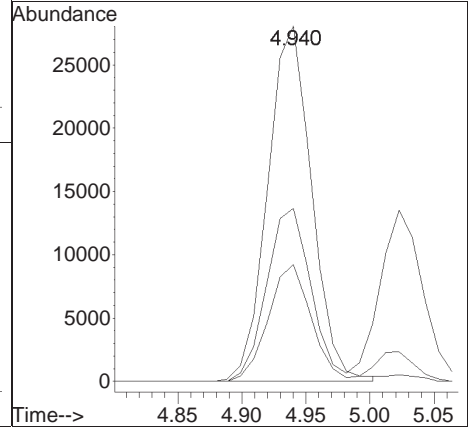
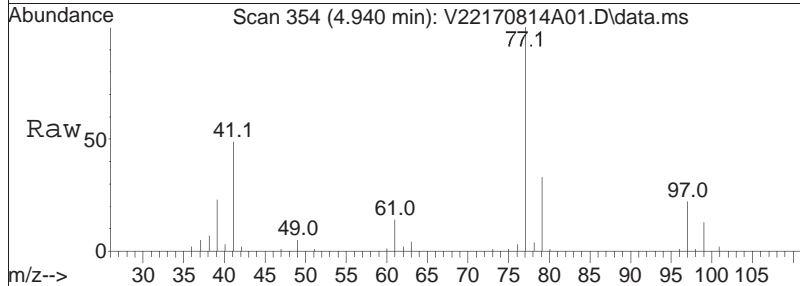
Tgt Ion	Resp	Lower	Upper
96	47275		
96	100		
61	114.2	90.3	135.5
98	63.5	50.8	76.2

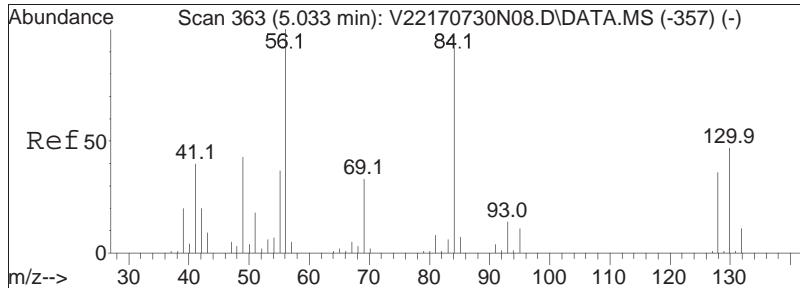




#31
 2,2-Dichloropropane
 Concen: 12.98 ug/L
 RT: 4.940 min Scan# 354
 Delta R.T. 0.000 min
 Lab File: V22170814A01.D
 Acq: 14 Aug 2017 12:25 pm

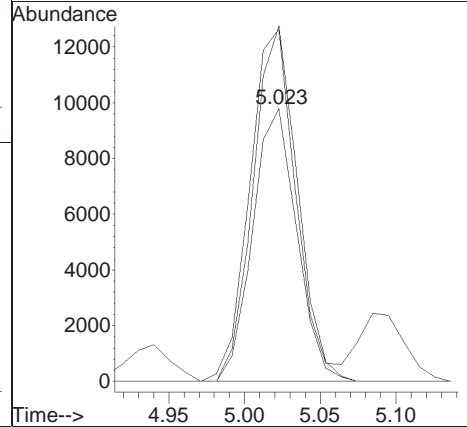
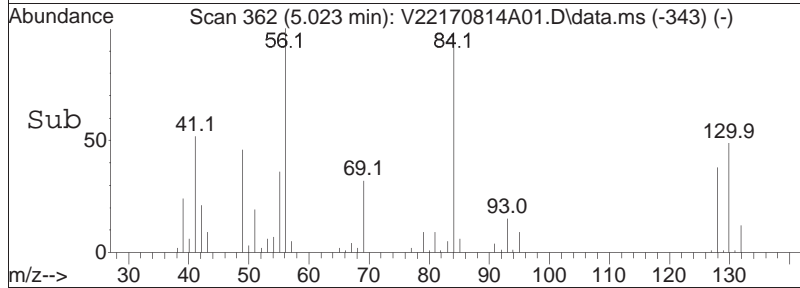
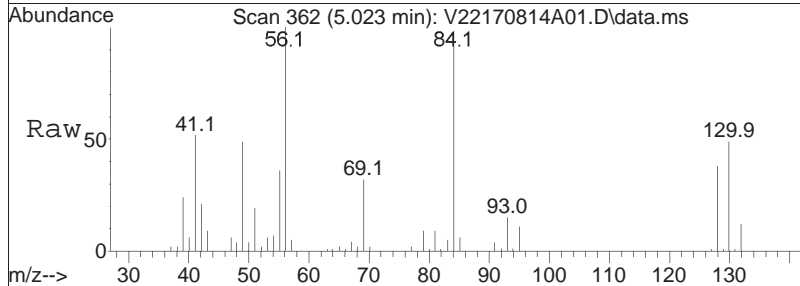
Tgt Ion	Resp	Lower	Upper
77	100		
41	49.2	32.3	67.1
79	32.1	21.1	43.7

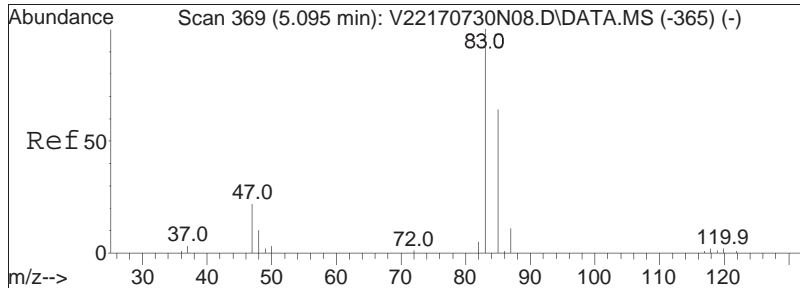




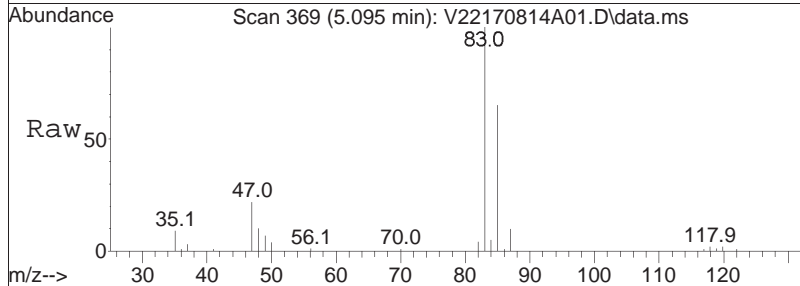
#32
 Bromochloromethane
 Concen: 11.67 ug/L
 RT: 5.023 min Scan# 362
 Delta R.T. -0.000 min
 Lab File: V22170814A01.D
 Acq: 14 Aug 2017 12:25 pm

Tgt Ion	Resp	Lower	Upper
128	19879		
128	100		
49	135.2	104.4	156.6
130	130.1	103.9	155.9

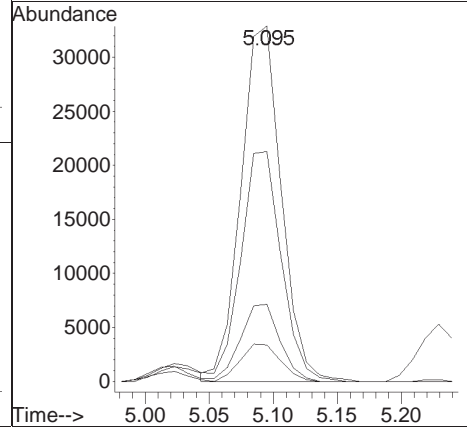
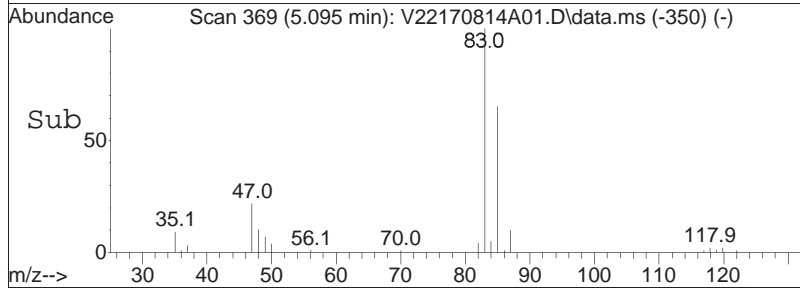


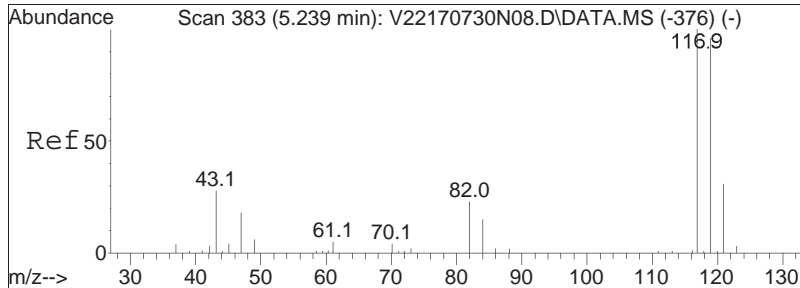


#34
 Chloroform
 Concen: 11.65 ug/L
 RT: 5.095 min Scan# 369
 Delta R.T. -0.000 min
 Lab File: V22170814A01.D
 Acq: 14 Aug 2017 12:25 pm



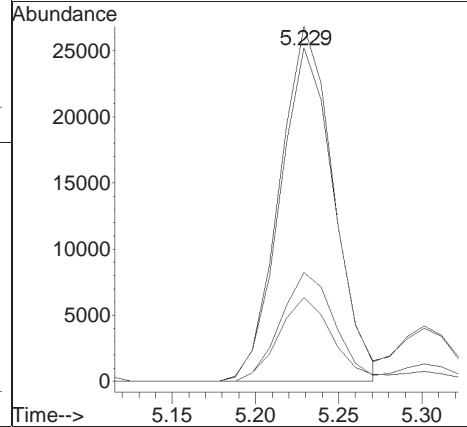
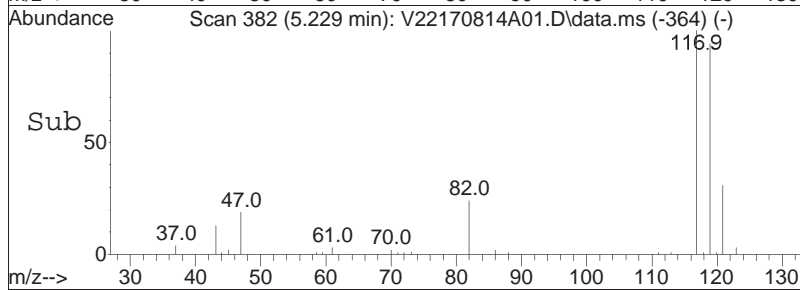
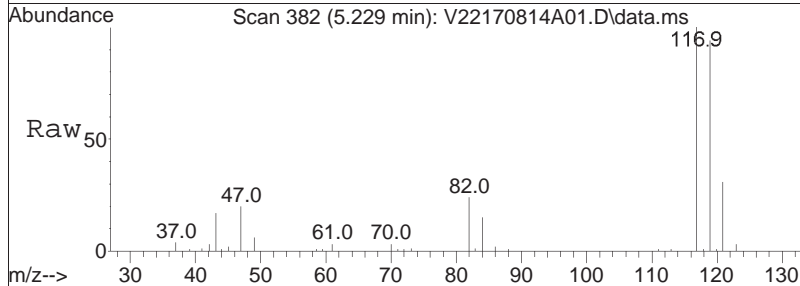
Tgt Ion	Resp	Lower	Upper
83	100		
85	64.2	42.4	88.2
47	21.1	14.0	29.0
48	10.5	6.9	14.3

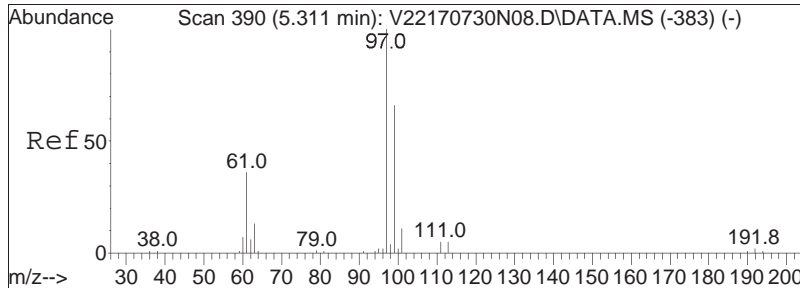




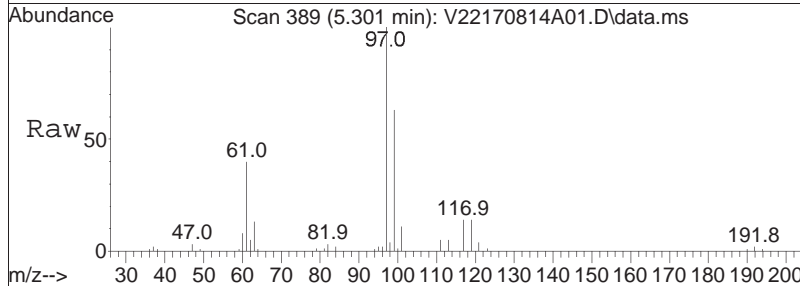
#36
 Carbon tetrachloride
 Concen: 12.37 ug/L
 RT: 5.229 min Scan# 382
 Delta R.T. -0.010 min
 Lab File: V22170814A01.D
 Acq: 14 Aug 2017 12:25 pm

Tgt Ion	Resp	Lower	Upper
117	100		
119	94.8	62.1	129.1
121	30.7	20.3	42.3
82	24.1	15.4	32.0

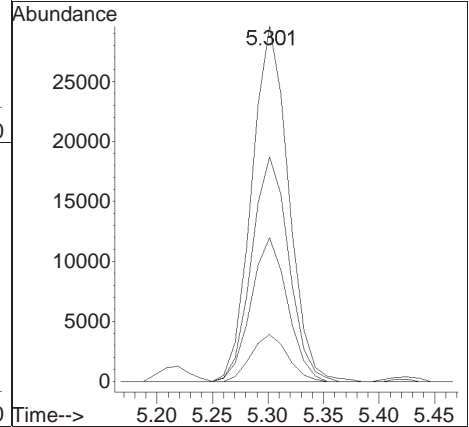
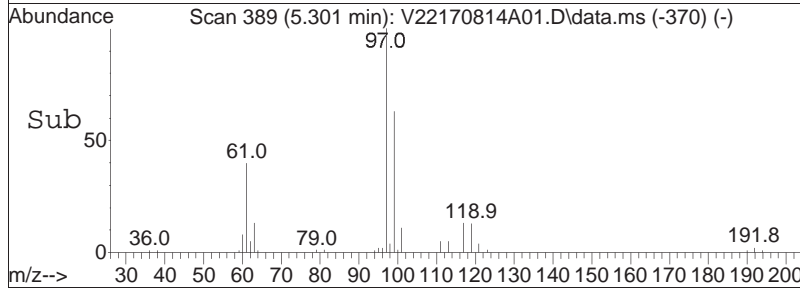


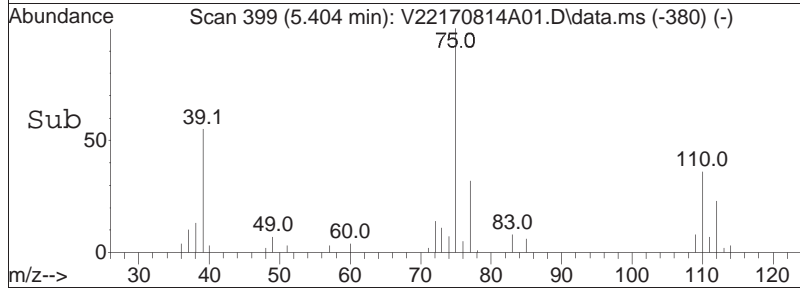
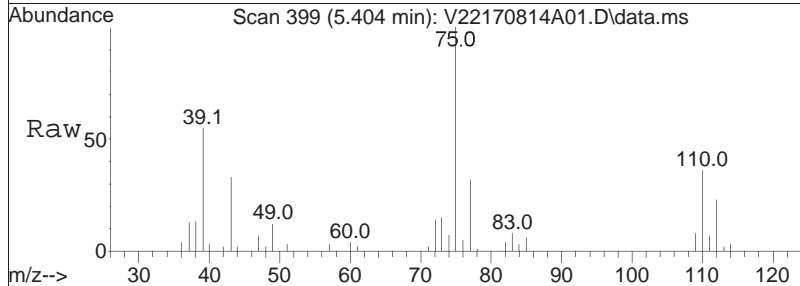
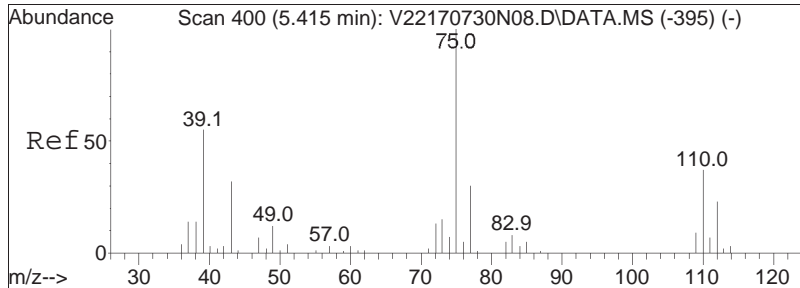


#39
 1,1,1-Trichloroethane
 Concen: 11.55 ug/L
 RT: 5.301 min Scan# 389
 Delta R.T. 0.000 min
 Lab File: V22170814A01.D
 Acq: 14 Aug 2017 12:25 pm



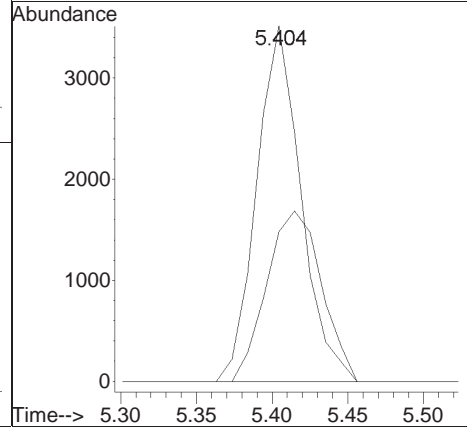
Tgt Ion	Resp	Lower	Upper
97	100		
99	63.8	42.4	88.0
61	40.3	26.0	54.0
63	13.1	8.3	17.3

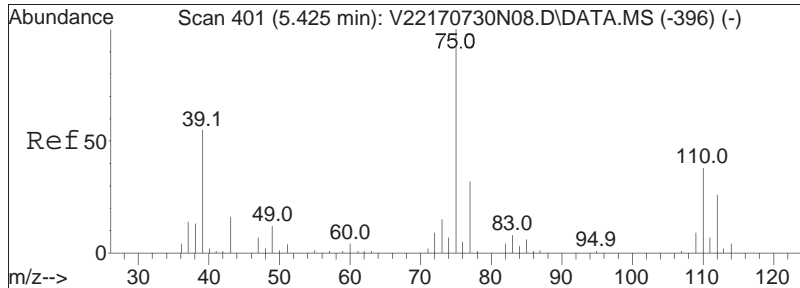




#41
 2-Butanone
 Concen: 11.63 ug/L
 RT: 5.404 min Scan# 399
 Delta R.T. 0.000 min
 Lab File: V22170814A01.D
 Acq: 14 Aug 2017 12:25 pm

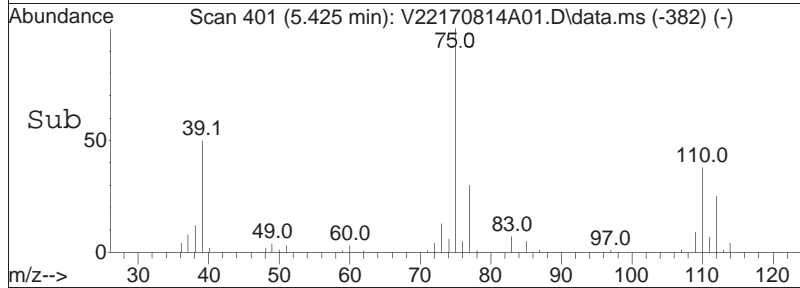
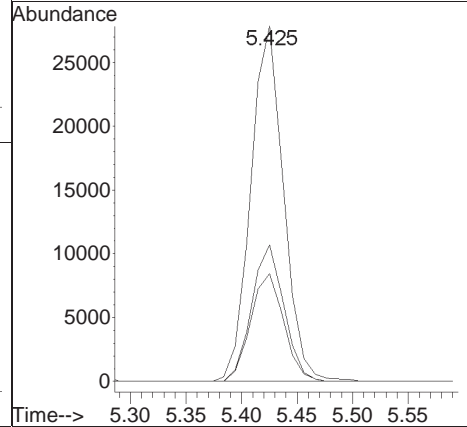
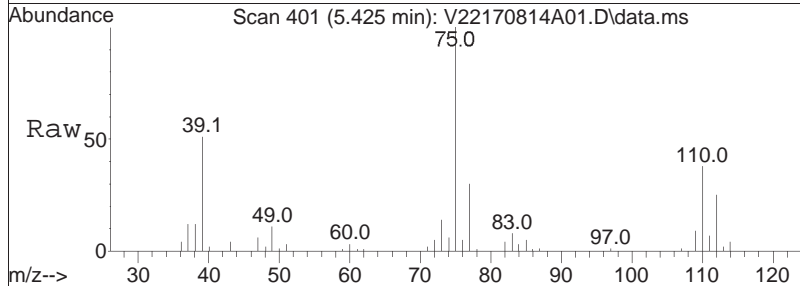
Tgt Ion: 43 Resp: 7140
 Ion Ratio Lower Upper
 43 100
 72 59.4 45.8 68.8

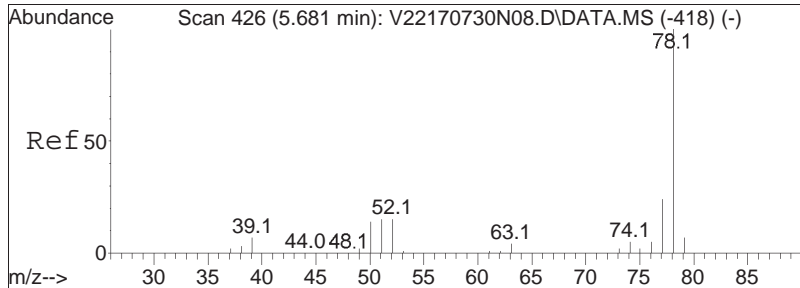




#42
 1,1-Dichloropropene
 Concen: 11.77 ug/L
 RT: 5.425 min Scan# 401
 Delta R.T. 0.000 min
 Lab File: V22170814A01.D
 Acq: 14 Aug 2017 12:25 pm

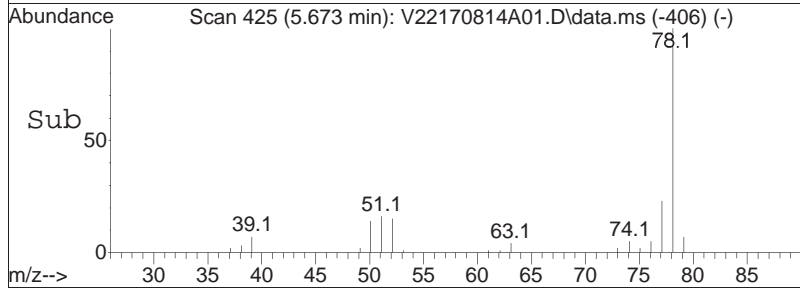
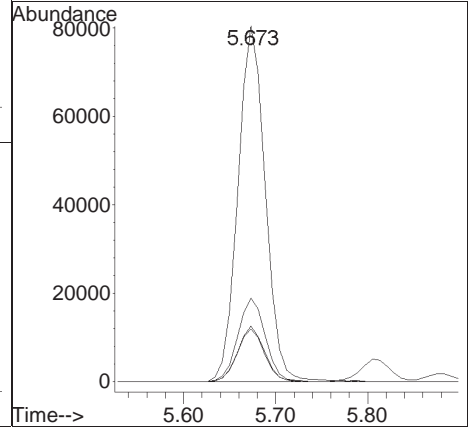
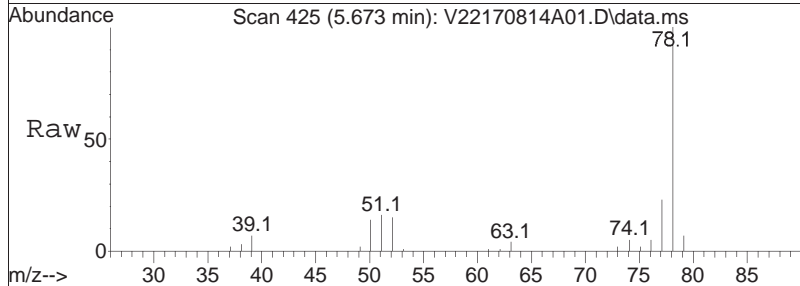
Tgt Ion	Resp	Lower	Upper
75	100		
110	37.7	25.4	52.8
77	30.6	20.3	42.1

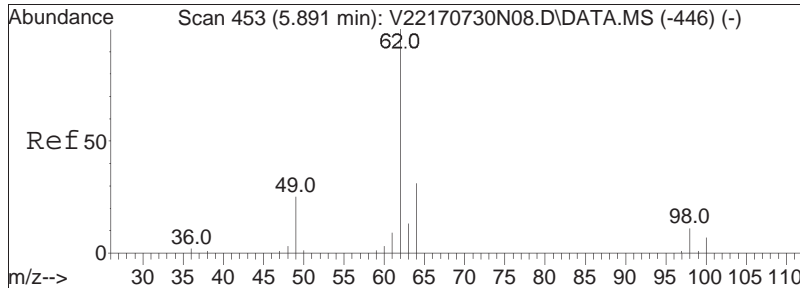




#44
 Benzene
 Concen: 11.39 ug/L
 RT: 5.673 min Scan# 425
 Delta R.T. -0.008 min
 Lab File: V22170814A01.D
 Acq: 14 Aug 2017 12:25 pm

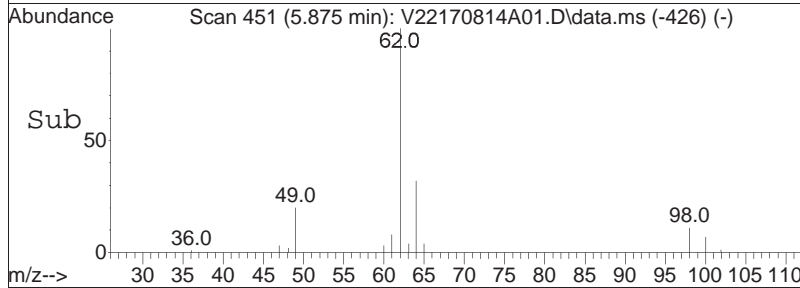
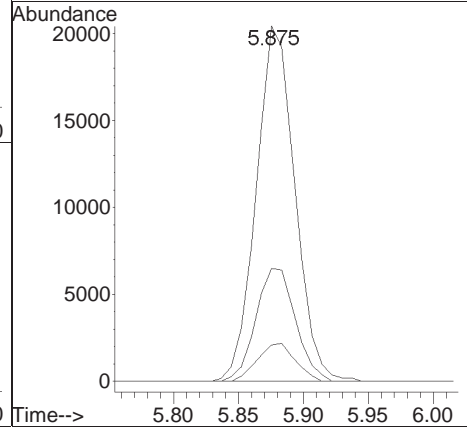
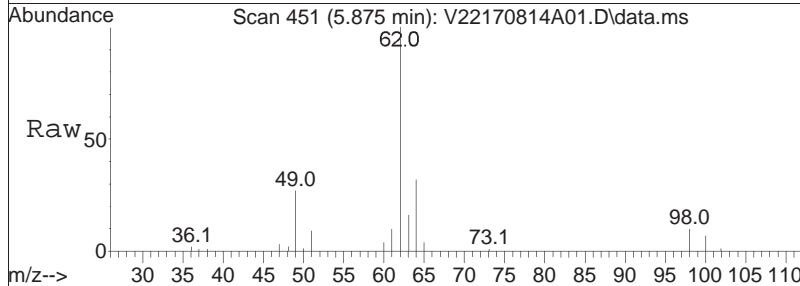
Tgt Ion	Resp	Lower	Upper
78	100		
77	23.4	15.4	32.0
51	15.1	9.8	20.4
52	14.4	9.2	19.2

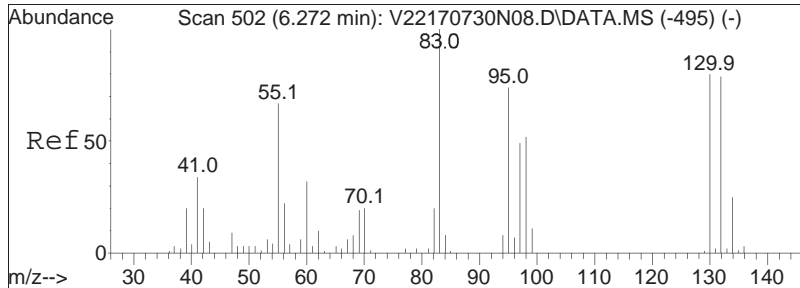




#47
 1,2-Dichloroethane
 Concen: 11.20 ug/L
 RT: 5.875 min Scan# 451
 Delta R.T. -0.008 min
 Lab File: V22170814A01.D
 Acq: 14 Aug 2017 12:25 pm

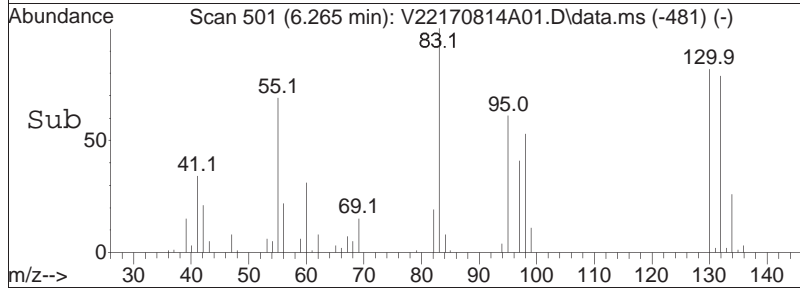
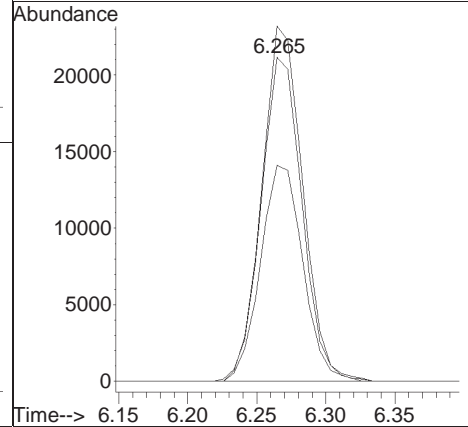
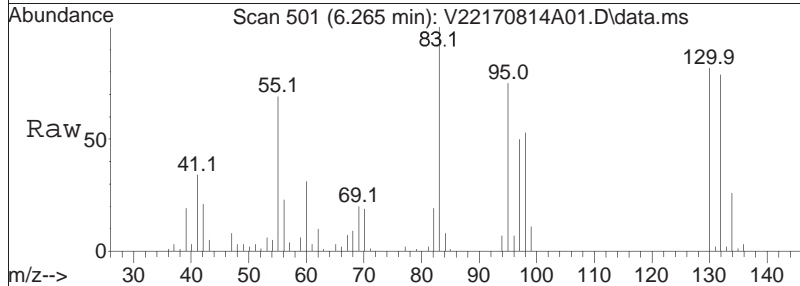
Tgt Ion	Resp	Lower	Upper
62	100		
64	32.6	12.3	52.3
98	10.5	0.0	30.3

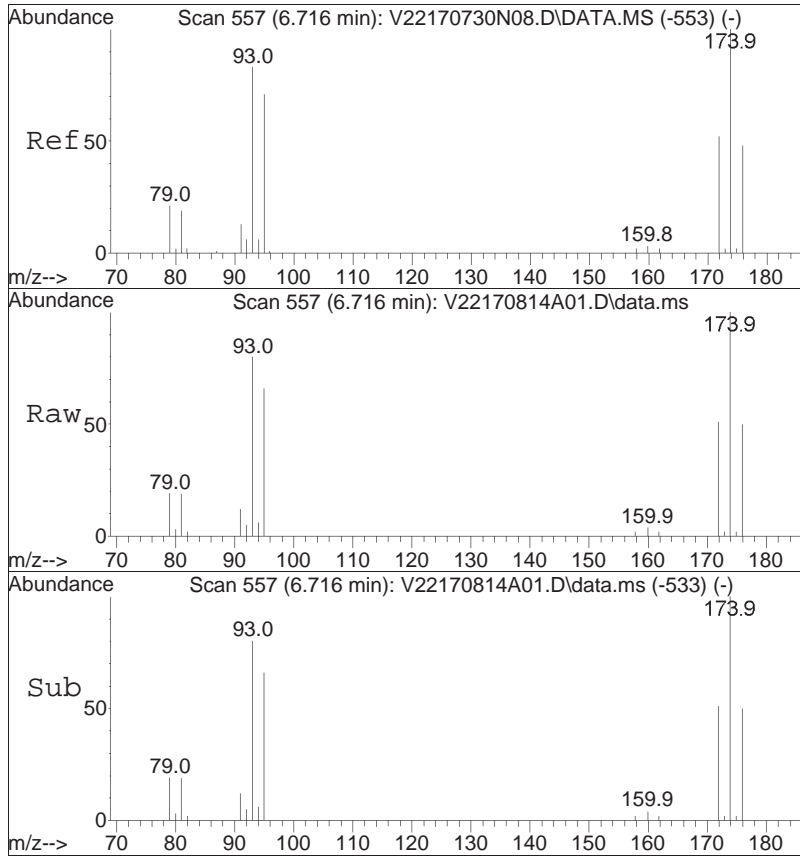




#51
 Trichloroethene
 Concen: 11.64 ug/L
 RT: 6.265 min Scan# 501
 Delta R.T. -0.007 min
 Lab File: V22170814A01.D
 Acq: 14 Aug 2017 12:25 pm

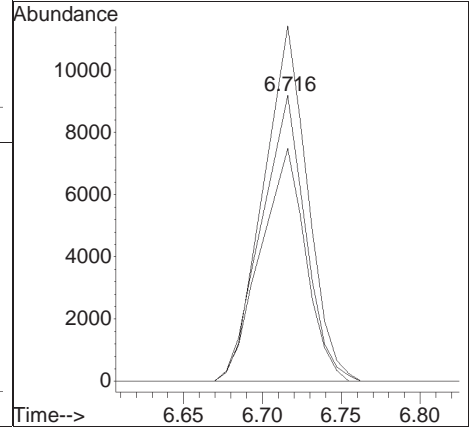
Tgt Ion	Resp	Lower	Upper
95	100		
97	69.3	55.0	82.4
130	109.7	89.2	133.8

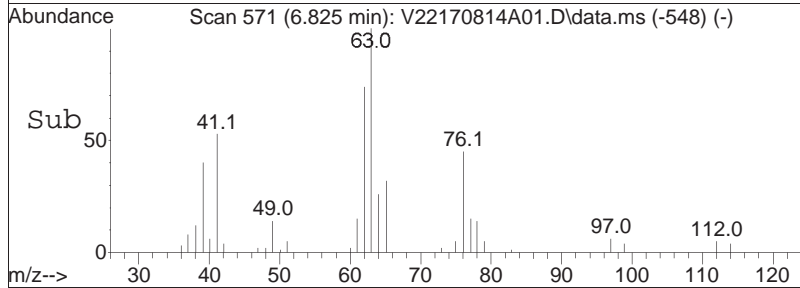
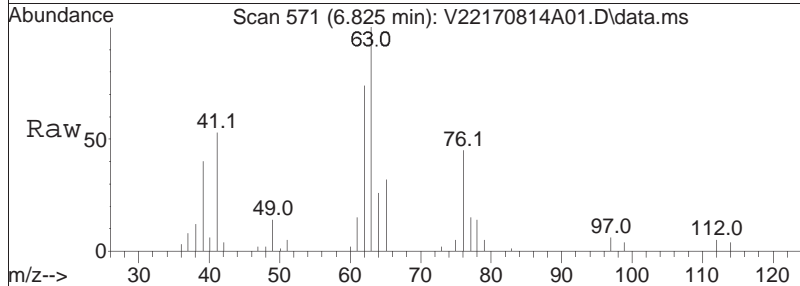
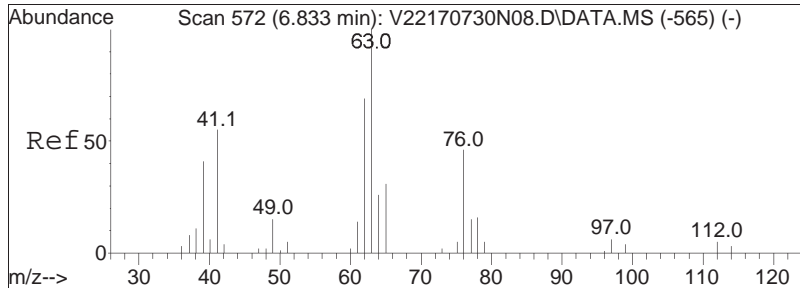




#53
 Dibromomethane
 Concen: 10.02 ug/L
 RT: 6.716 min Scan# 557
 Delta R.T. -0.000 min
 Lab File: V22170814A01.D
 Acq: 14 Aug 2017 12:25 pm

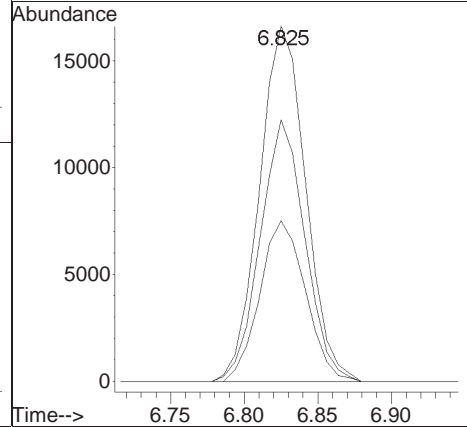
Tgt Ion	Resp	Lower	Upper
93	14019		
95	84.6	68.0	102.0
174	127.2	106.1	159.1

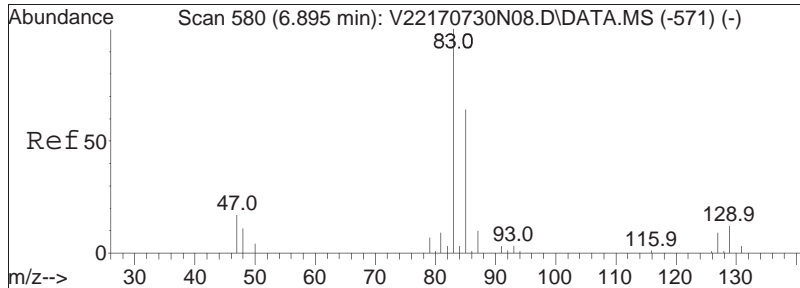




#54
 1,2-Dichloropropane
 Concen: 11.48 ug/L
 RT: 6.825 min Scan# 571
 Delta R.T. -0.008 min
 Lab File: V22170814A01.D
 Acq: 14 Aug 2017 12:25 pm

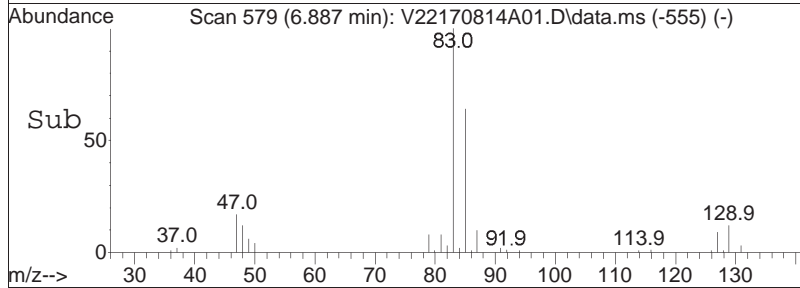
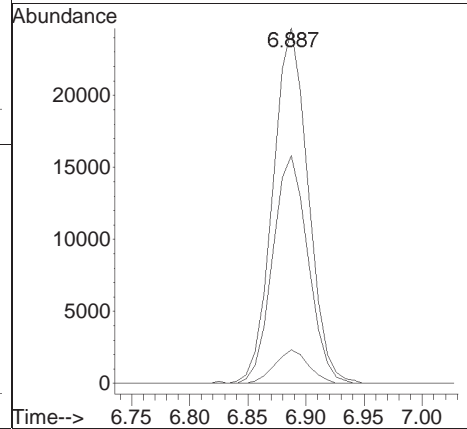
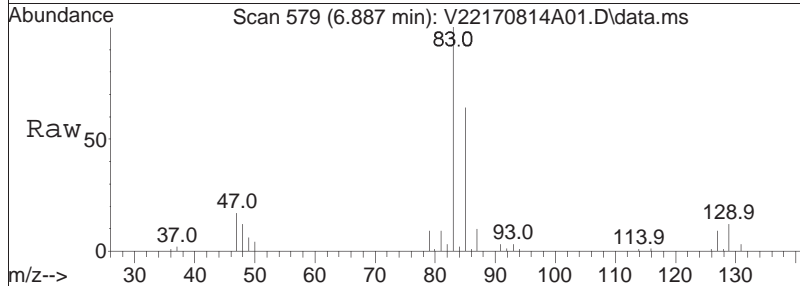
Tgt Ion:	Resp:		
Ion	Ratio	Lower	Upper
63	100		
62	71.2	56.9	85.3
76	44.7	35.8	53.8

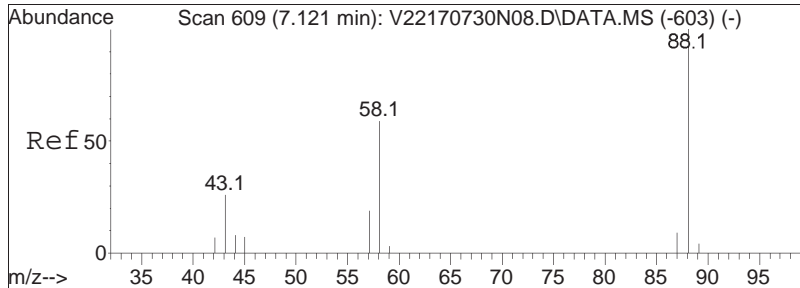




#57
 Bromodichloromethane
 Concen: 11.07 ug/L
 RT: 6.887 min Scan# 579
 Delta R.T. 0.000 min
 Lab File: V22170814A01.D
 Acq: 14 Aug 2017 12:25 pm

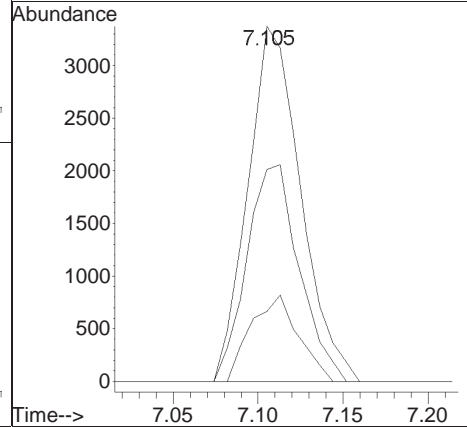
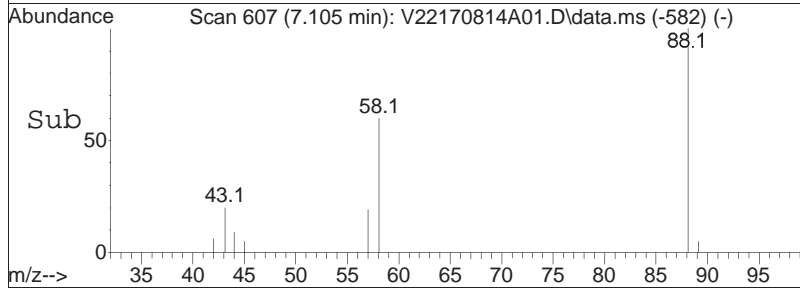
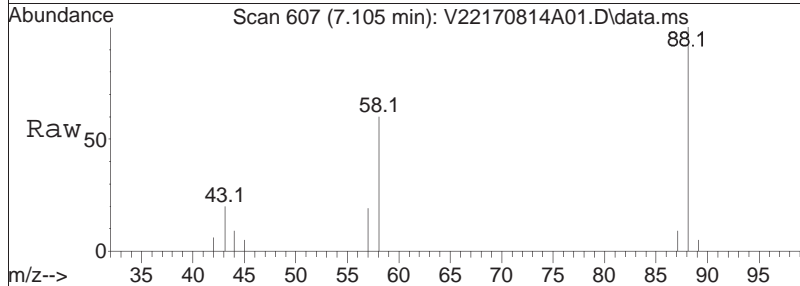
Tgt Ion	Resp	Lower	Upper
83	100		
85	64.2	51.6	77.4
127	9.1	7.4	11.0

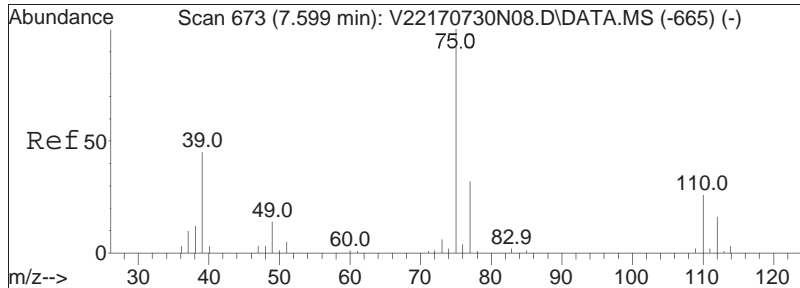




#60
 1,4-Dioxane
 Concen: 1286.78 ug/L
 RT: 7.105 min Scan# 607
 Delta R.T. -0.008 min
 Lab File: V22170814A01.D
 Acq: 14 Aug 2017 12:25 pm

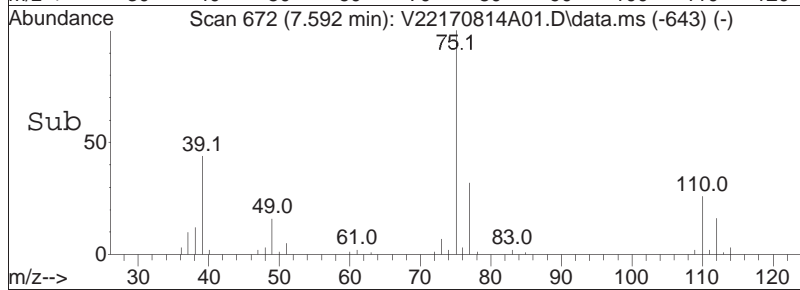
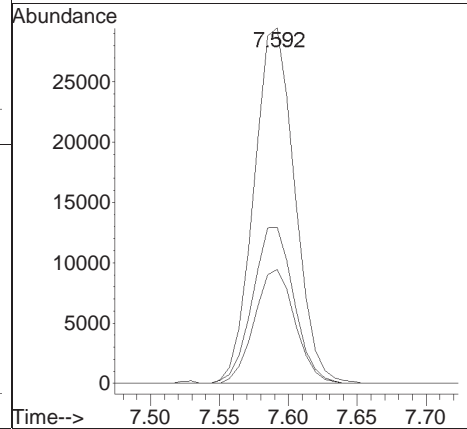
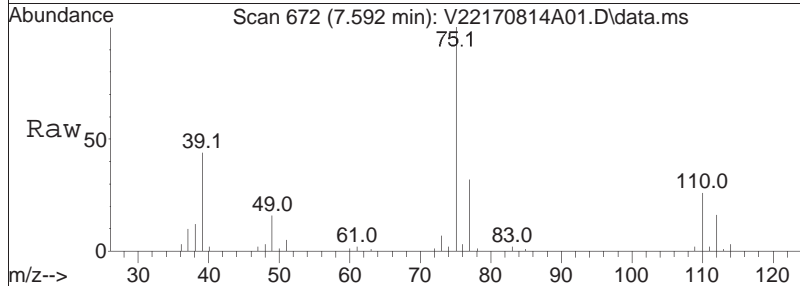
Tgt Ion:	88	Resp:	7297
Ion Ratio	Lower	Upper	
88	100		
58	60.4	43.3	64.9
43	21.8	15.1	22.7

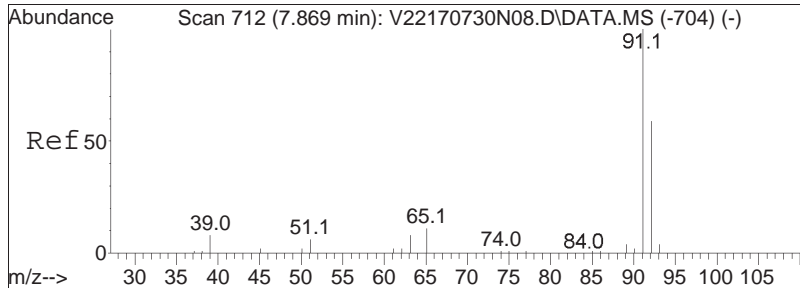




#61
 cis-1,3-Dichloropropene
 Concen: 11.24 ug/L
 RT: 7.592 min Scan# 672
 Delta R.T. -0.000 min
 Lab File: V22170814A01.D
 Acq: 14 Aug 2017 12:25 pm

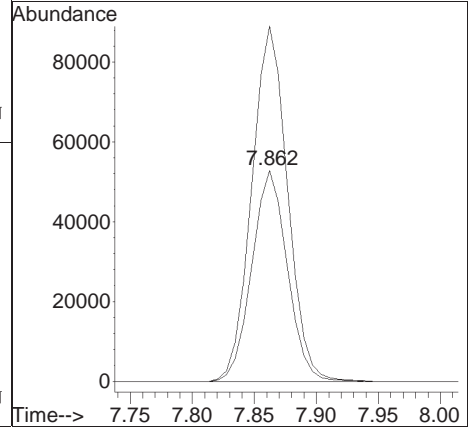
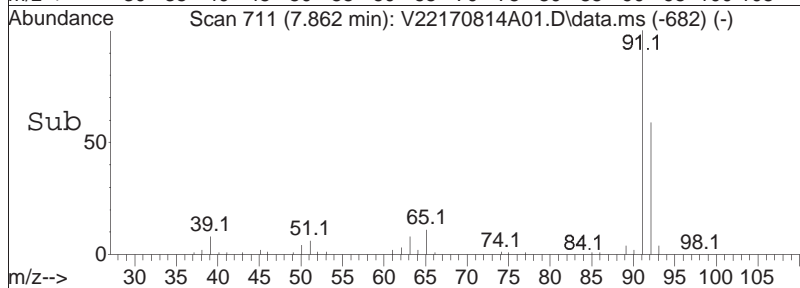
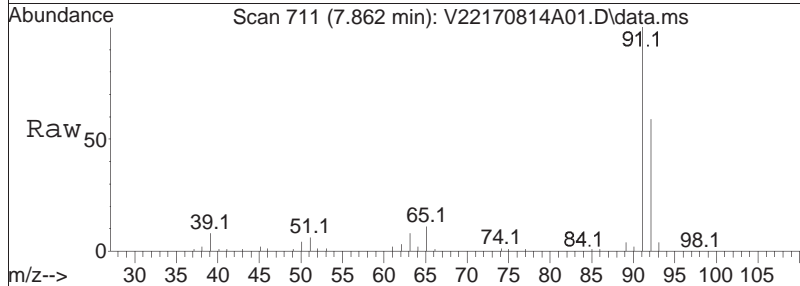
Tgt Ion	Resp	Lower	Upper
75	100		
77	31.8	25.6	38.4
39	44.3	35.4	53.0

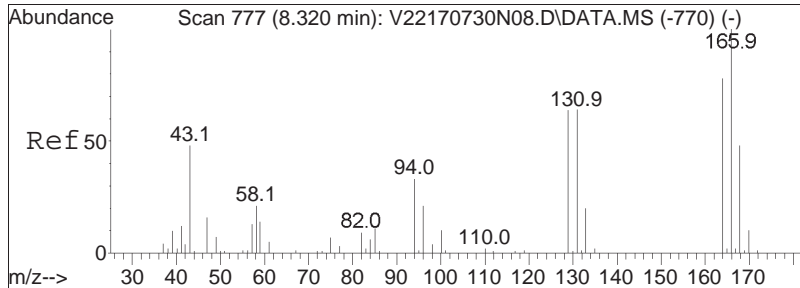




#64
 Toluene
 Concen: 11.37 ug/L
 RT: 7.862 min Scan# 711
 Delta R.T. 0.000 min
 Lab File: V22170814A01.D
 Acq: 14 Aug 2017 12:25 pm

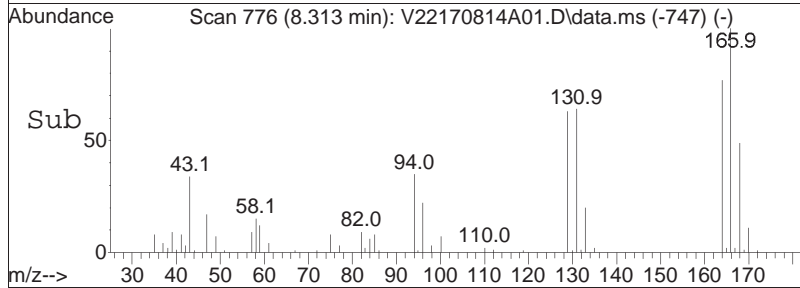
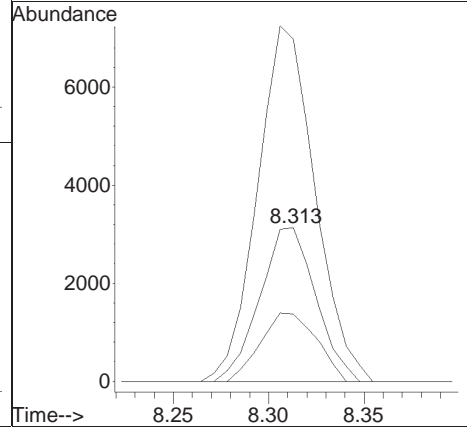
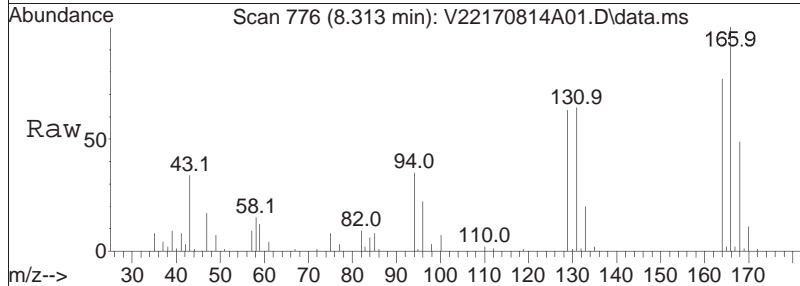
Tgt Ion:	Resp:	Lower	Upper
92	104917		
91	170.0	137.0	205.6

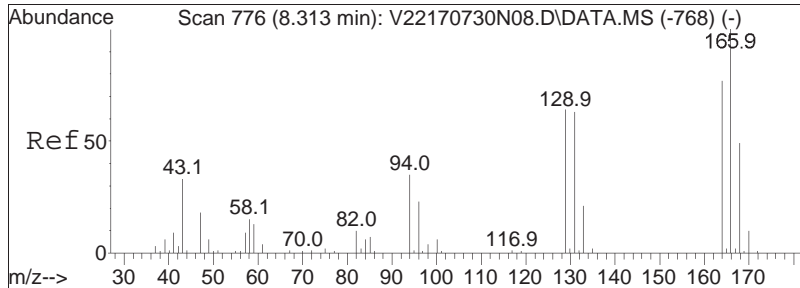




#65
 4-Methyl-2-pentanone
 Concen: 9.47 ug/L
 RT: 8.313 min Scan# 776
 Delta R.T. -0.000 min
 Lab File: V22170814A01.D
 Acq: 14 Aug 2017 12:25 pm

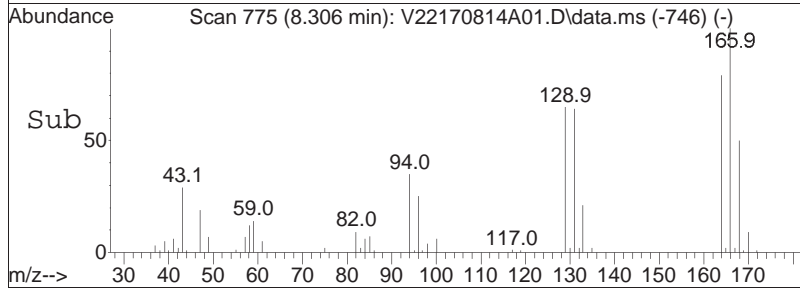
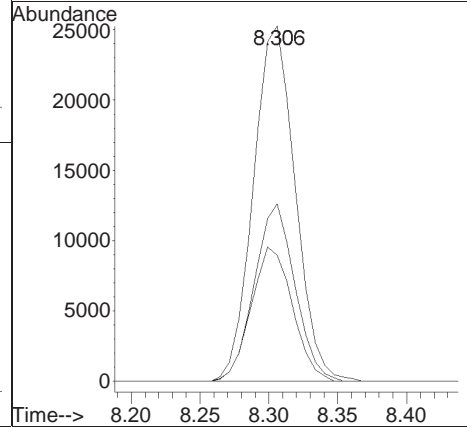
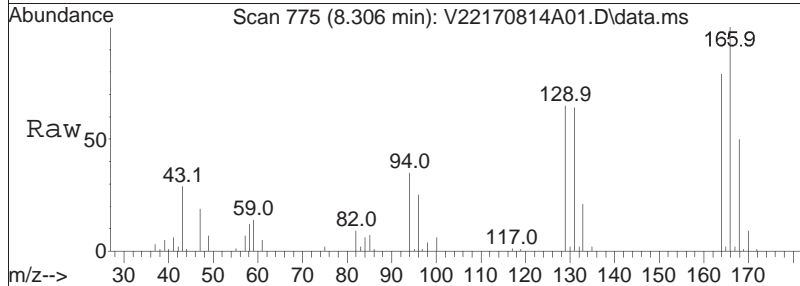
Tgt Ion:	Resp:		
Ion	Ratio	Lower	Upper
58	100		
100	44.6	36.2	54.4
43	237.1	181.8	272.8

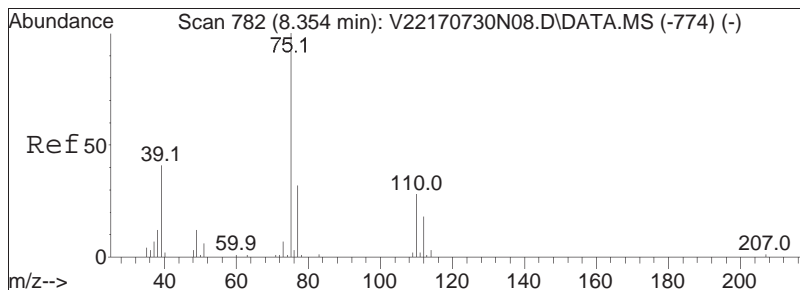




#66
 Tetrachloroethene
 Concen: 11.20 ug/L
 RT: 8.306 min Scan# 775
 Delta R.T. -0.000 min
 Lab File: V22170814A01.D
 Acq: 14 Aug 2017 12:25 pm

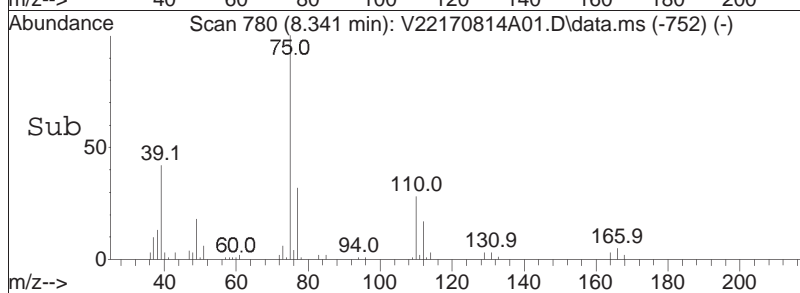
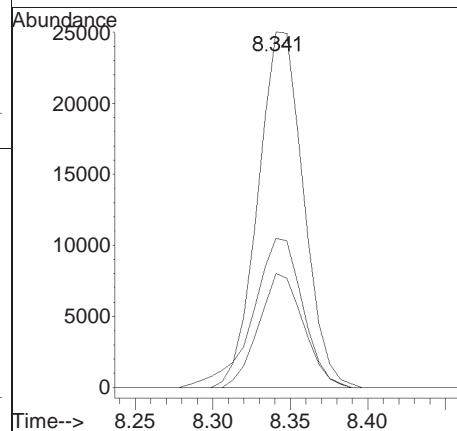
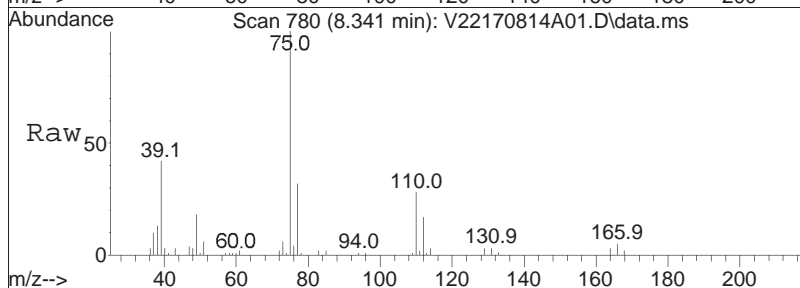
Tgt Ion	Ratio	Lower	Upper
166	100		
168	48.4	27.8	67.8
94	37.4	16.7	56.7

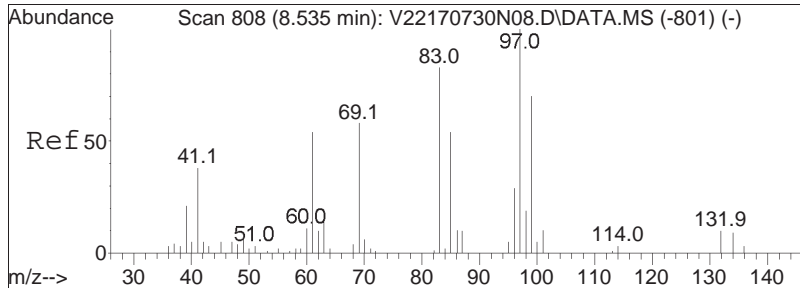




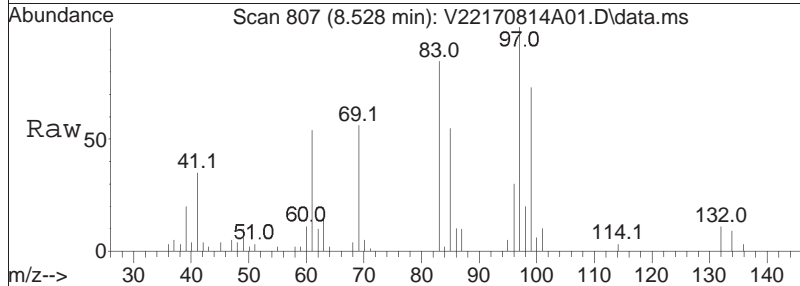
#68
 trans-1,3-Dichloropropene
 Concen: 11.19 ug/L
 RT: 8.341 min Scan# 780
 Delta R.T. -0.007 min
 Lab File: V22170814A01.D
 Acq: 14 Aug 2017 12:25 pm

Tgt Ion:	75	Resp:	51040
Ion Ratio	Lower	Upper	
75	100		
77	31.6	11.9	51.9
39	46.1	27.4	67.4

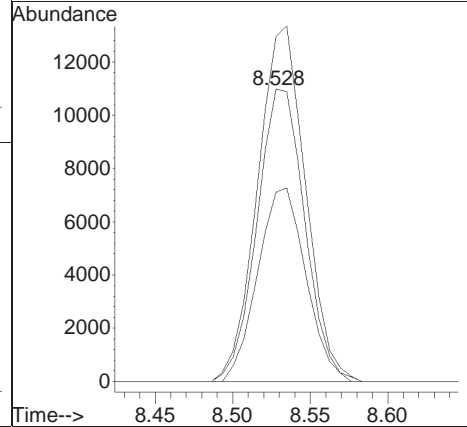
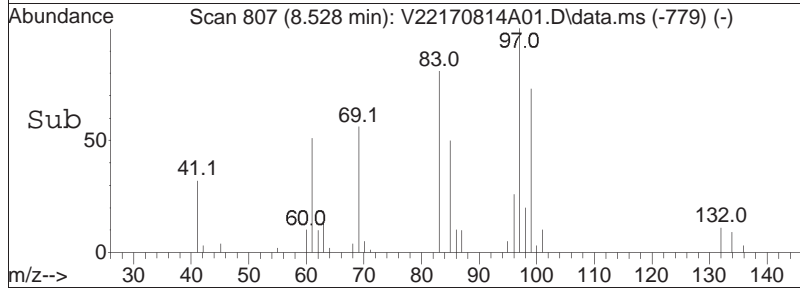


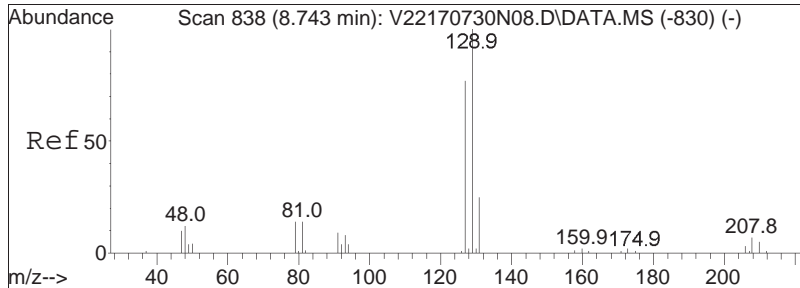


#71
 1,1,2-Trichloroethane
 Concen: 10.77 ug/L
 RT: 8.528 min Scan# 807
 Delta R.T. -0.007 min
 Lab File: V22170814A01.D
 Acq: 14 Aug 2017 12:25 pm



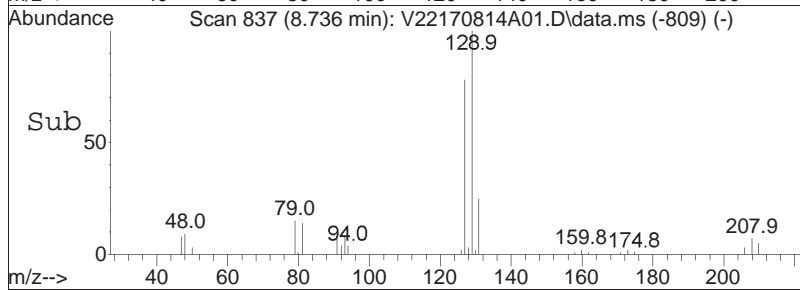
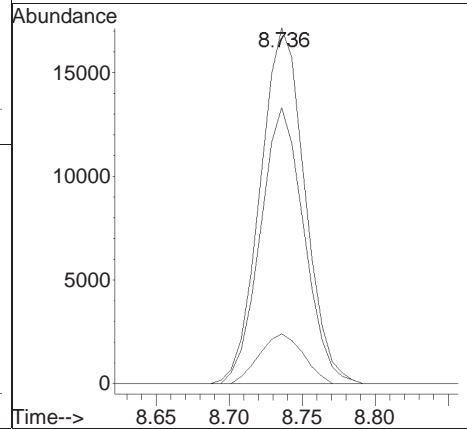
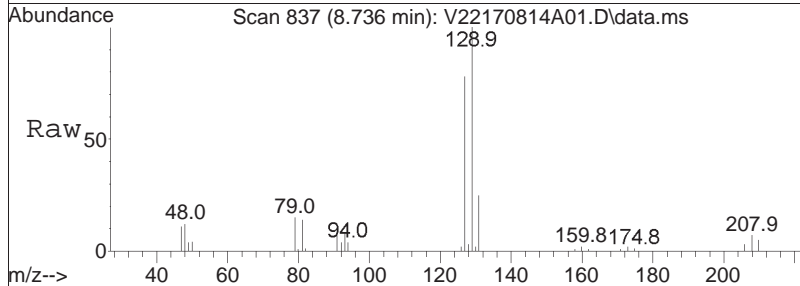
Tgt Ion:	83	97	85	Resp:	23519	Lower	Upper
Ion Ratio	100	121.9	66.7			103.4	143.4
						47.9	87.9

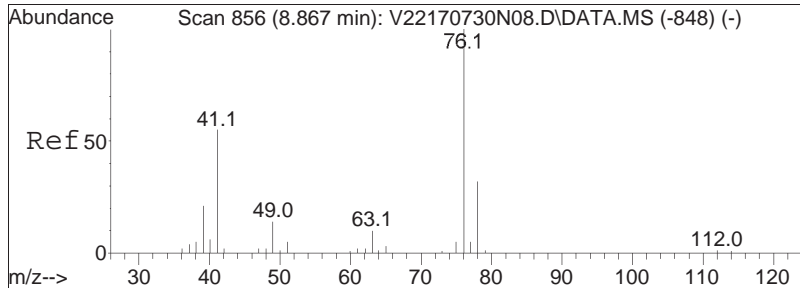




#72
 Chlorodibromomethane
 Concen: 10.58 ug/L
 RT: 8.736 min Scan# 837
 Delta R.T. -0.007 min
 Lab File: V22170814A01.D
 Acq: 14 Aug 2017 12:25 pm

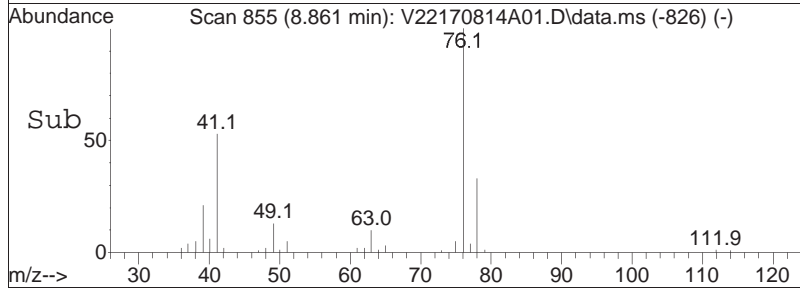
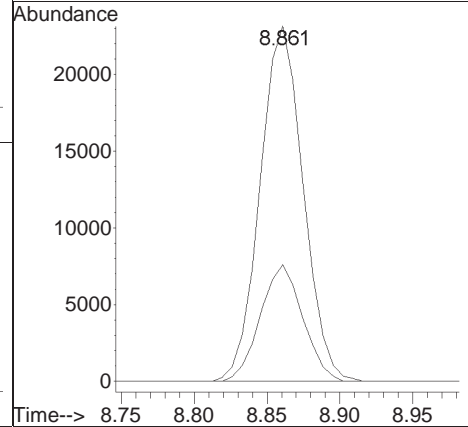
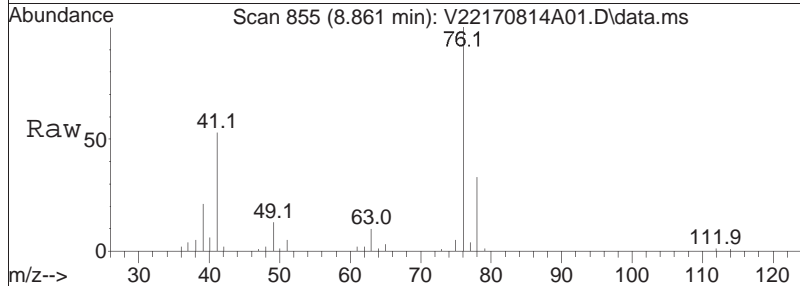
Tgt Ion	Resp	Lower	Upper
129	36427		
129	100		
81	13.7	0.0	33.8
127	76.0	57.1	97.1

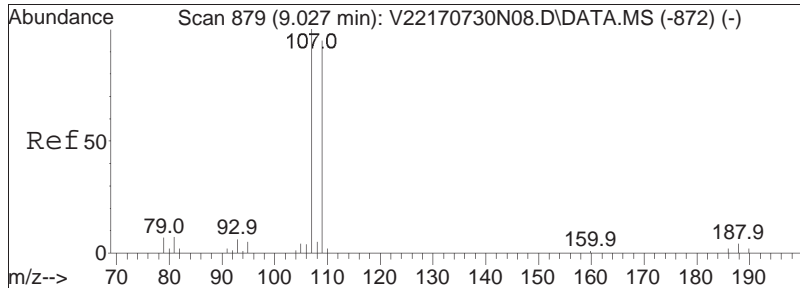




#73
 1,3-Dichloropropane
 Concen: 10.74 ug/L
 RT: 8.861 min Scan# 855
 Delta R.T. -0.000 min
 Lab File: V22170814A01.D
 Acq: 14 Aug 2017 12:25 pm

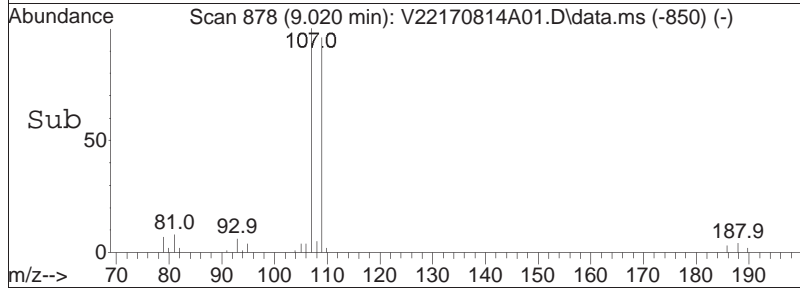
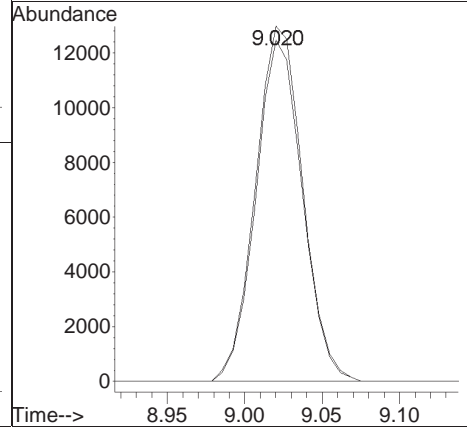
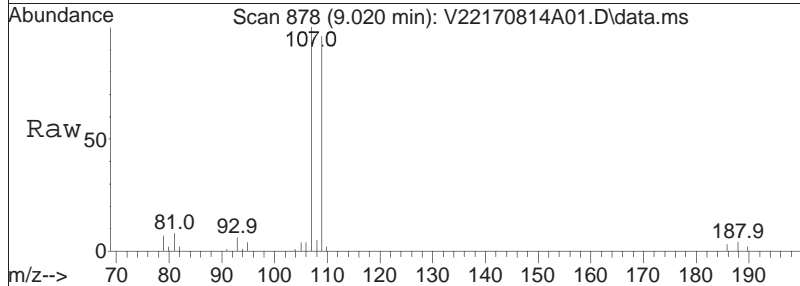
Tgt Ion:	Resp:	Lower	Upper
76	100		
78	32.3	25.7	38.5

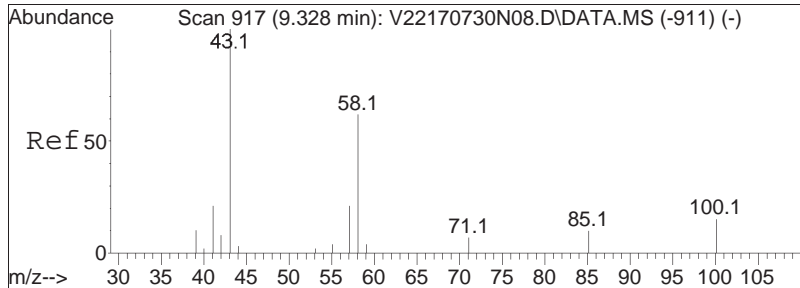




#74
 1,2-Dibromoethane
 Concen: 9.98 ug/L
 RT: 9.020 min Scan# 878
 Delta R.T. -0.007 min
 Lab File: V22170814A01.D
 Acq: 14 Aug 2017 12:25 pm

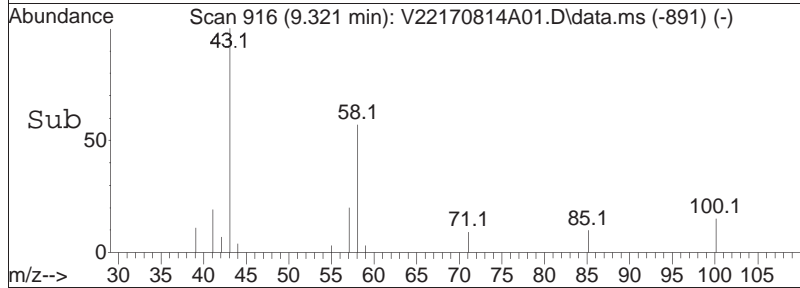
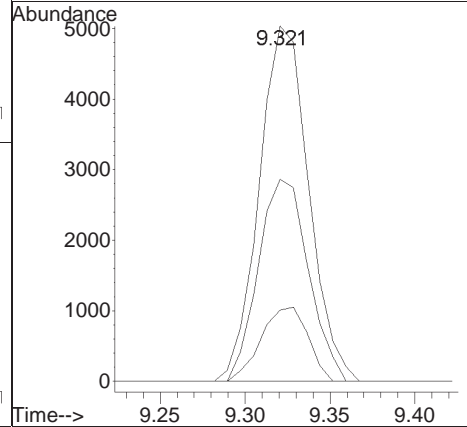
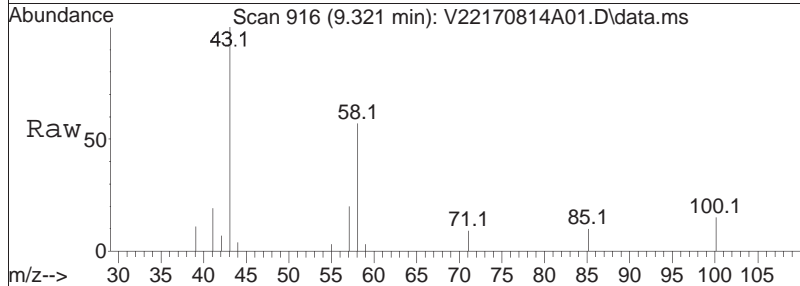
Tgt Ion	Resp	Lower	Upper
107	100		
109	94.3	75.1	112.7

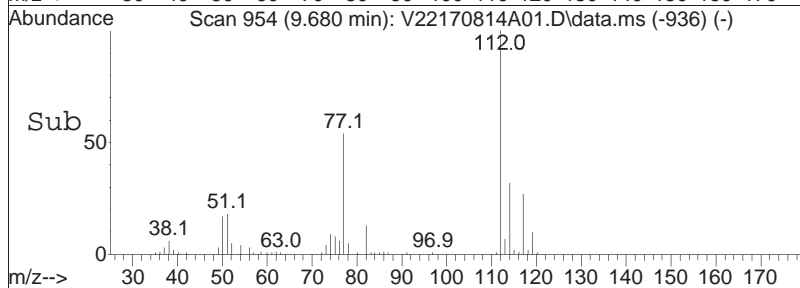
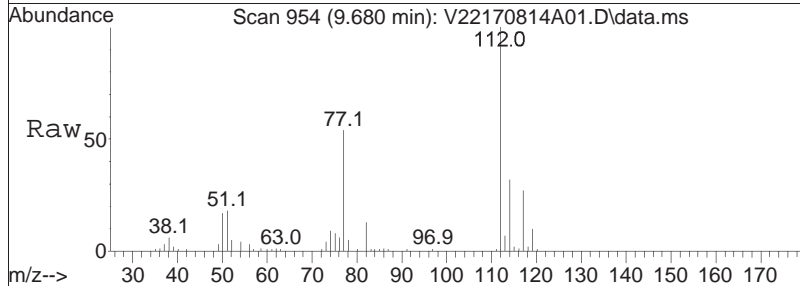
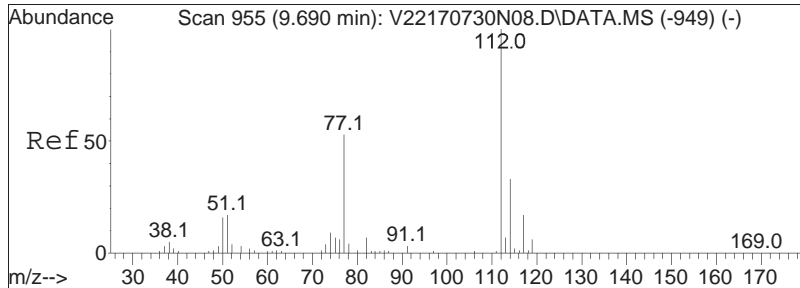




#76
 2-Hexanone
 Concen: 10.42 ug/L
 RT: 9.321 min Scan# 916
 Delta R.T. -0.007 min
 Lab File: V22170814A01.D
 Acq: 14 Aug 2017 12:25 pm

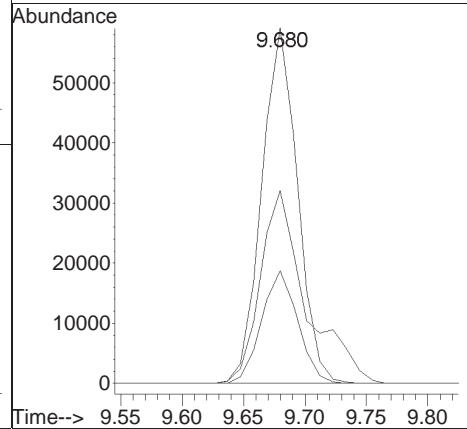
Tgt Ion:	43	58	57	Resp:	10218	Lower	Upper
Ion Ratio	100	57.3	19.7			47.6	71.4
						16.6	24.8

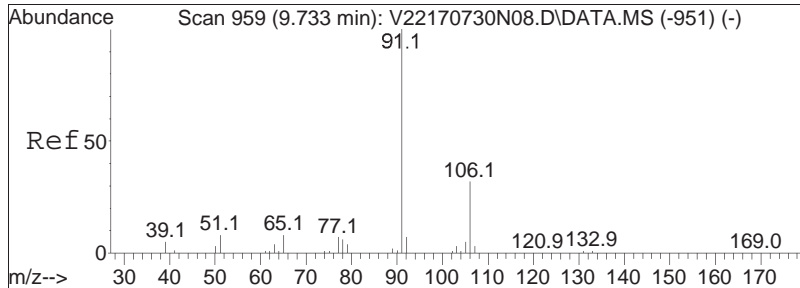




#77
 Chlorobenzene
 Concen: 11.13 ug/L
 RT: 9.680 min Scan# 954
 Delta R.T. -0.000 min
 Lab File: V22170814A01.D
 Acq: 14 Aug 2017 12:25 pm

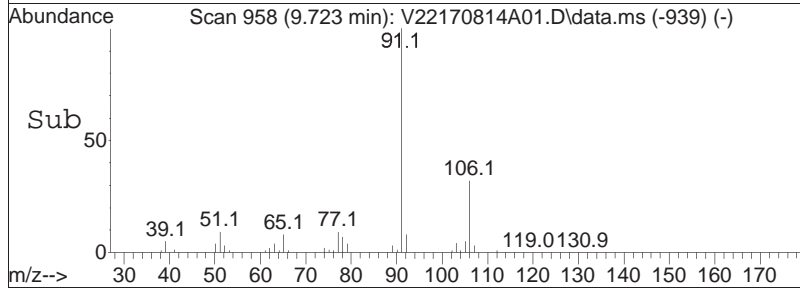
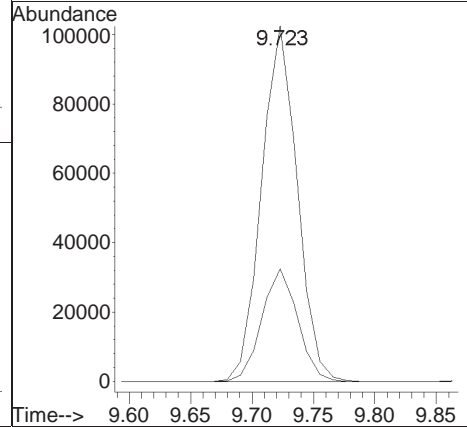
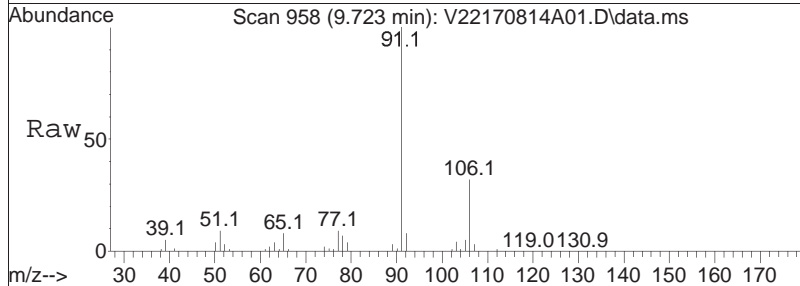
Tgt Ion	Ratio	Lower	Upper
112	100		
77	69.4	55.4	83.0
114	32.1	26.2	39.4

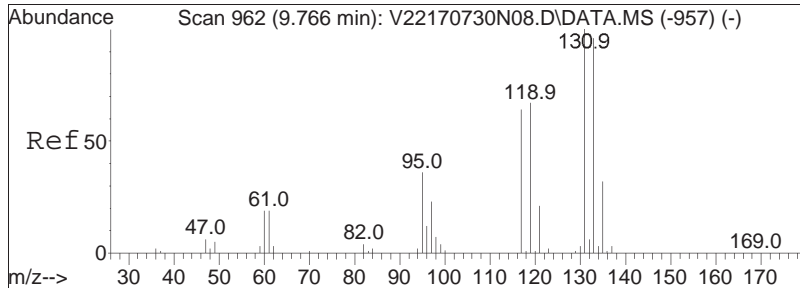




#78
 Ethylbenzene
 Concen: 11.37 ug/L
 RT: 9.723 min Scan# 958
 Delta R.T. -0.000 min
 Lab File: V22170814A01.D
 Acq: 14 Aug 2017 12:25 pm

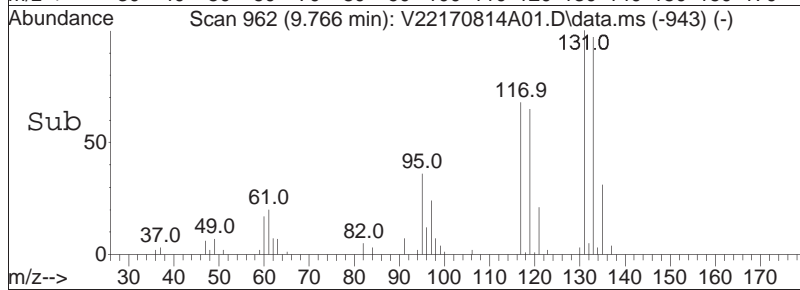
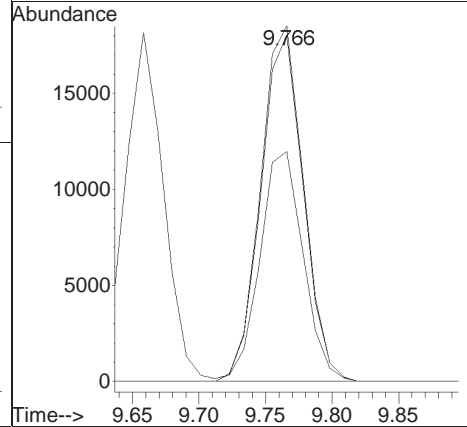
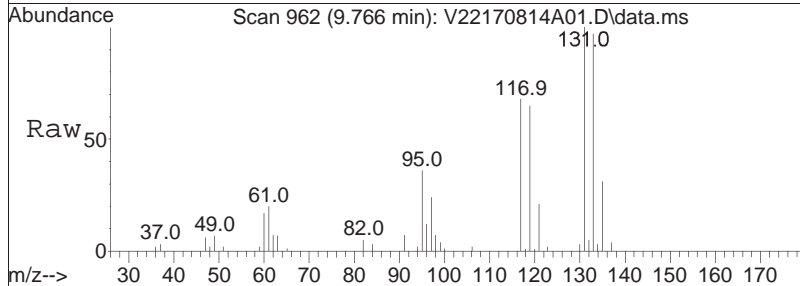
Tgt Ion:	91	106	Resp:	206173
Ion Ratio	100	31.8	Lower	Upper
			25.8	38.6

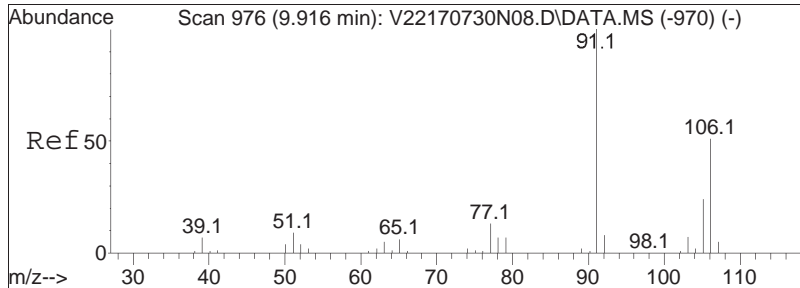




#79
 1,1,1,2-Tetrachloroethane
 Concen: 11.10 ug/L
 RT: 9.766 min Scan# 962
 Delta R.T. -0.000 min
 Lab File: V22170814A01.D
 Acq: 14 Aug 2017 12:25 pm

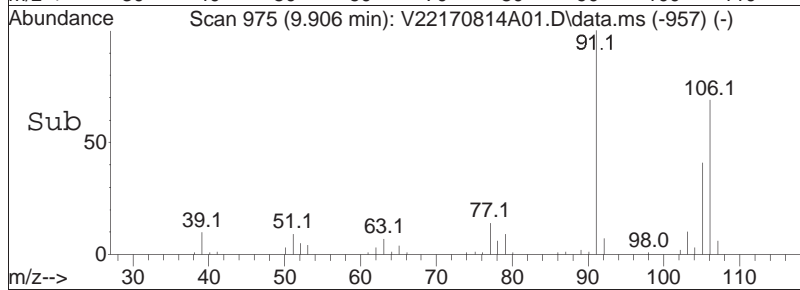
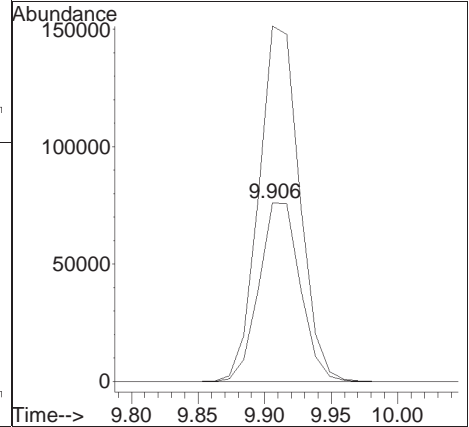
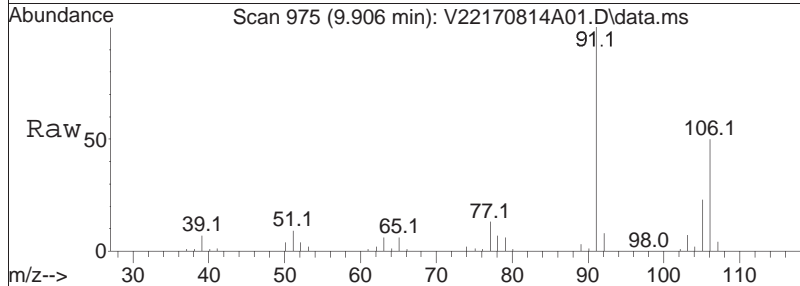
Tgt Ion	Resp	Lower	Upper
131	100		
133	96.3	75.3	115.3
119	65.2	49.3	89.3

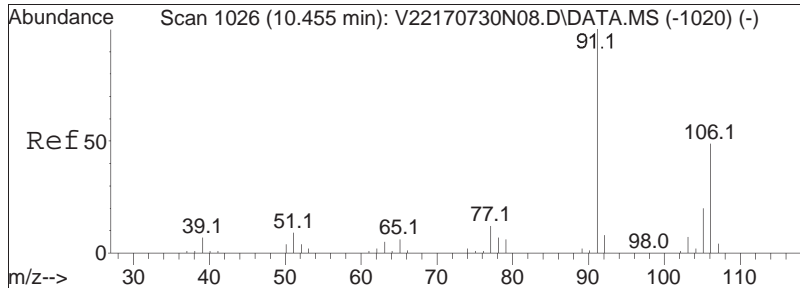




#80
 p/m Xylene
 Concen: 22.52 ug/L
 RT: 9.906 min Scan# 975
 Delta R.T. -0.010 min
 Lab File: V22170814A01.D
 Acq: 14 Aug 2017 12:25 pm

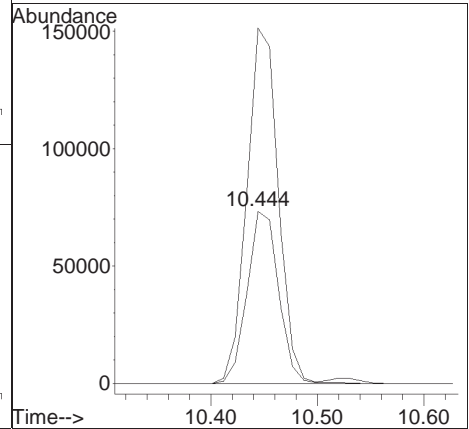
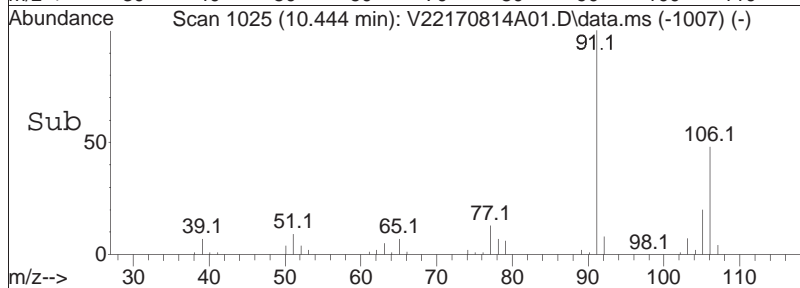
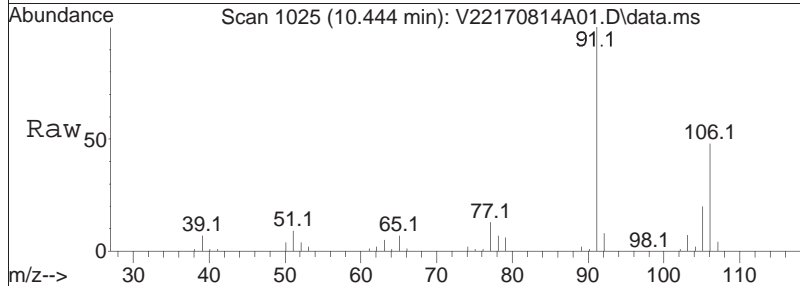
Tgt Ion	Ratio	Lower	Upper
106	100		
91	196.8	156.0	234.0

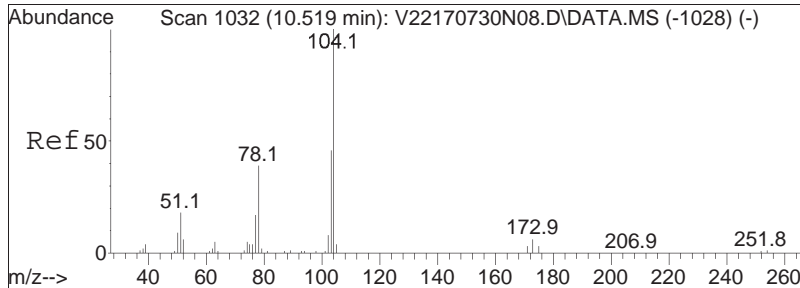




#81
 o Xylene
 Concen: 22.55 ug/L
 RT: 10.444 min Scan# 1025
 Delta R.T. -0.011 min
 Lab File: V22170814A01.D
 Acq: 14 Aug 2017 12:25 pm

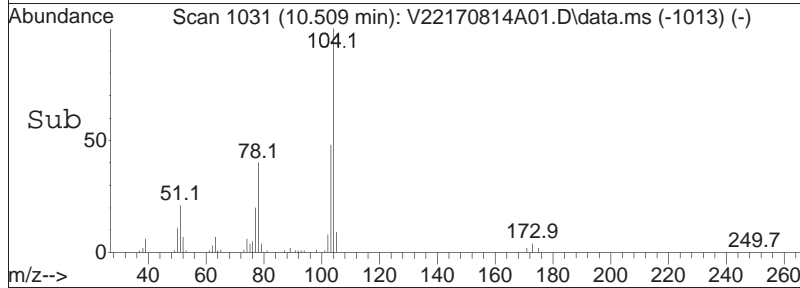
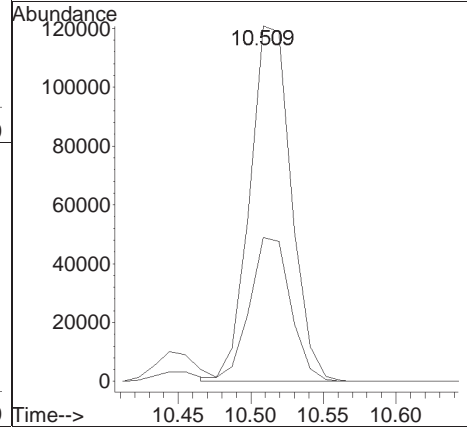
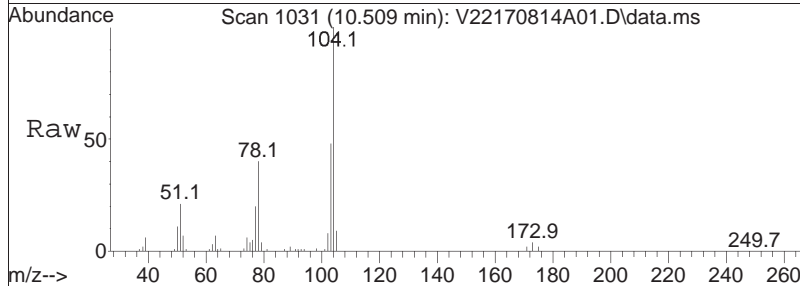
Tgt Ion	106	91	Resp	150334
Ratio	100	205.5	Lower	Upper
			164.0	246.0

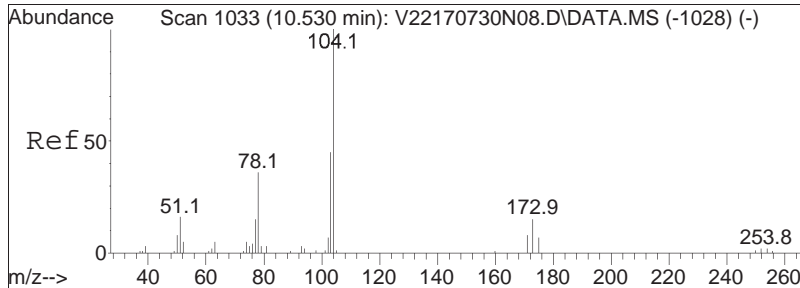




#82
 Styrene
 Concen: 22.31 ug/L
 RT: 10.509 min Scan# 1031
 Delta R.T. -0.010 min
 Lab File: V22170814A01.D
 Acq: 14 Aug 2017 12:25 pm

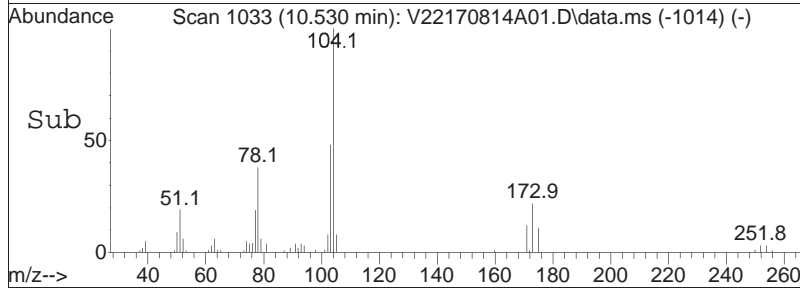
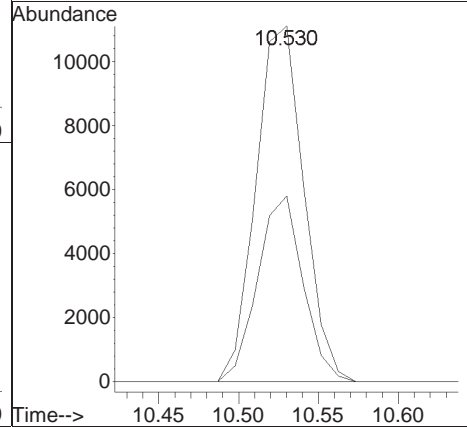
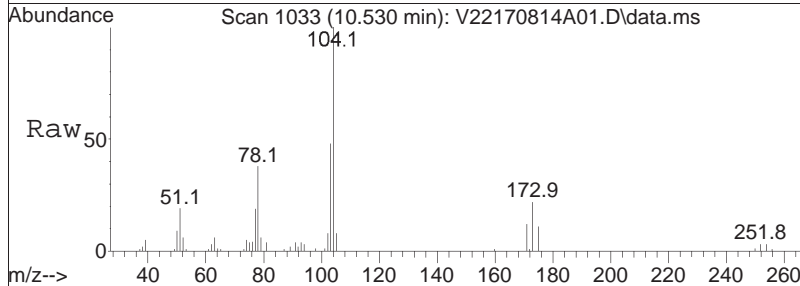
Tgt Ion	Resp	Lower	Upper
104	100		
78	40.0	32.1	48.1

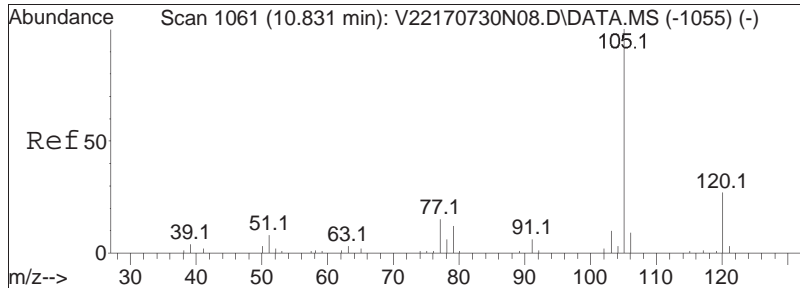




#84
 Bromoform
 Concen: 10.07 ug/L
 RT: 10.530 min Scan# 1033
 Delta R.T. 0.000 min
 Lab File: V22170814A01.D
 Acq: 14 Aug 2017 12:25 pm

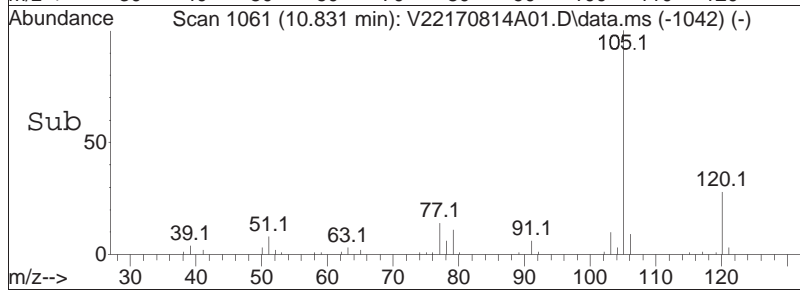
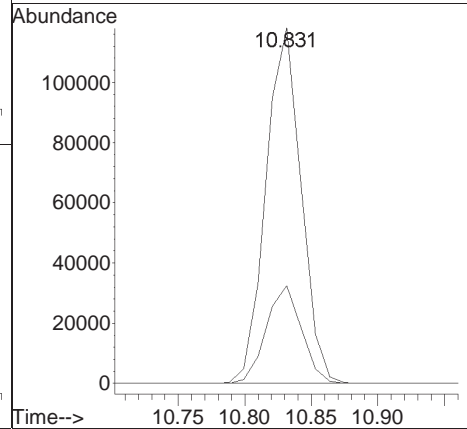
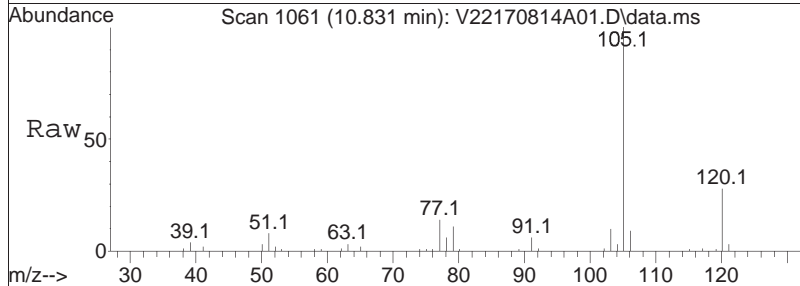
Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.5	29.3	69.3

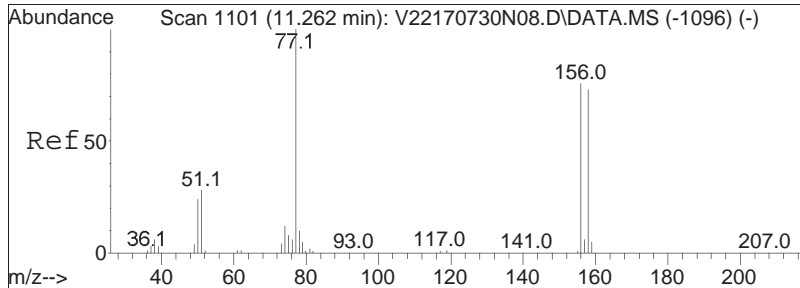




#86
 Isopropylbenzene
 Concen: 11.60 ug/L
 RT: 10.831 min Scan# 1061
 Delta R.T. 0.000 min
 Lab File: V22170814A01.D
 Acq: 14 Aug 2017 12:25 pm

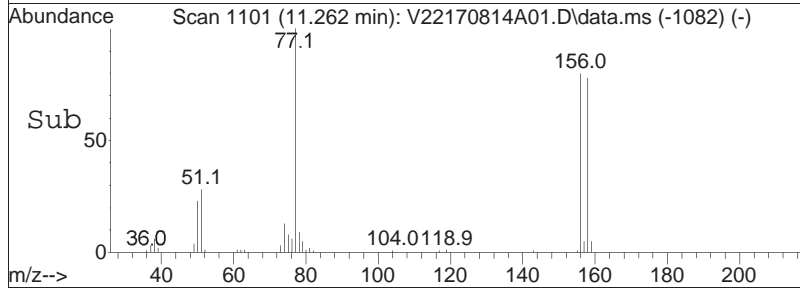
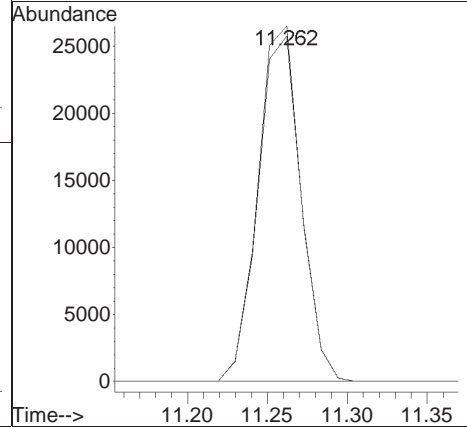
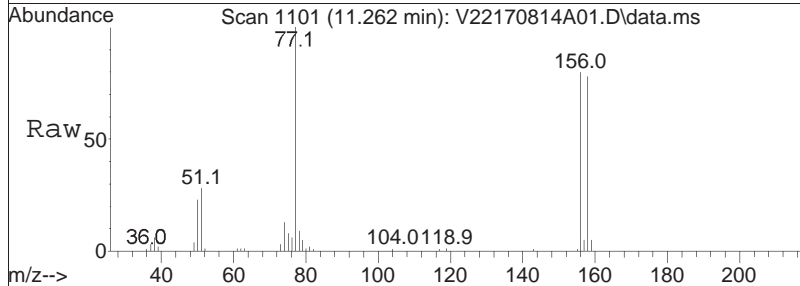
Tgt Ion	Resp	Lower	Upper
105	100		
120	27.5	7.7	47.7

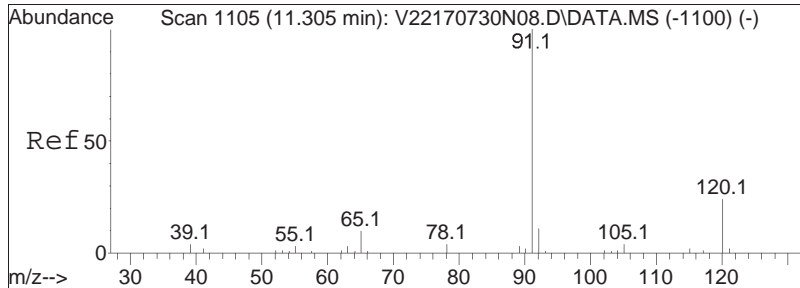




#88
 Bromobenzene
 Concen: 10.96 ug/L
 RT: 11.262 min Scan# 1101
 Delta R.T. 0.000 min
 Lab File: V22170814A01.D
 Acq: 14 Aug 2017 12:25 pm

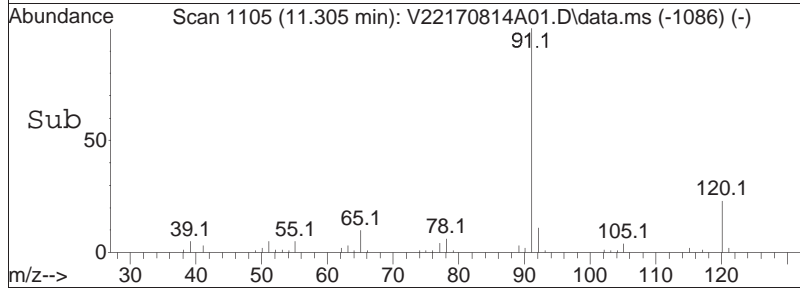
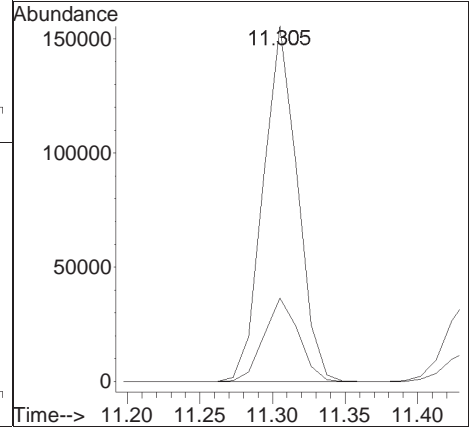
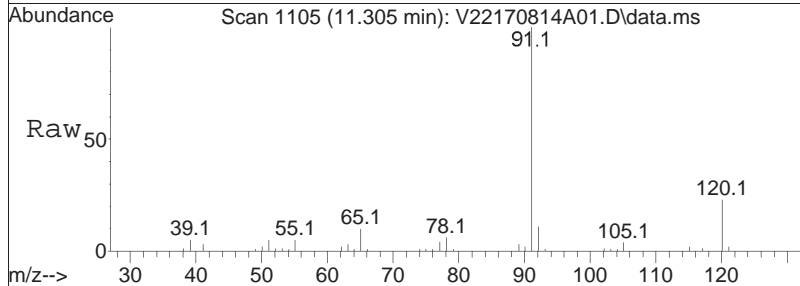
Tgt Ion	Resp	Lower	Upper
156	100		
158	97.5	77.9	116.9

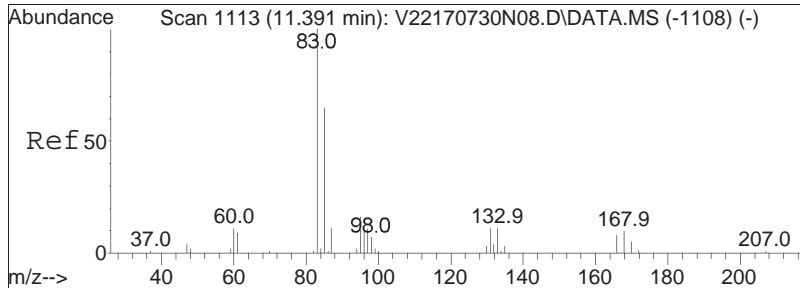




#89
 n-Propylbenzene
 Concen: 11.92 ug/L
 RT: 11.305 min Scan# 1105
 Delta R.T. 0.000 min
 Lab File: V22170814A01.D
 Acq: 14 Aug 2017 12:25 pm

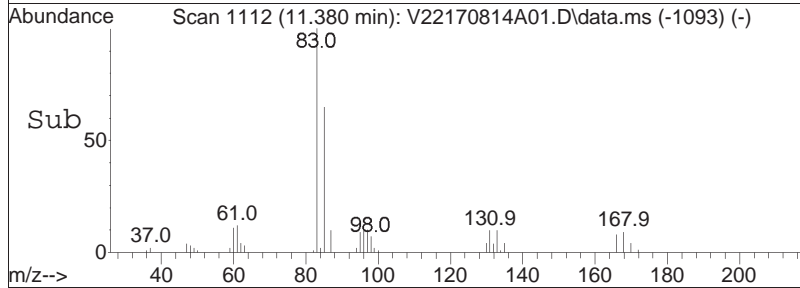
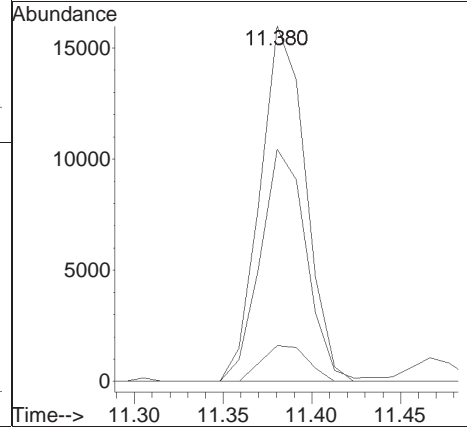
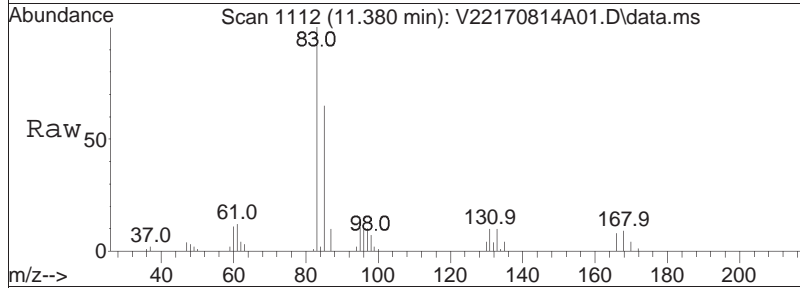
Tgt Ion	Resp	Lower	Upper
91	100		
120	23.7	19.5	29.3

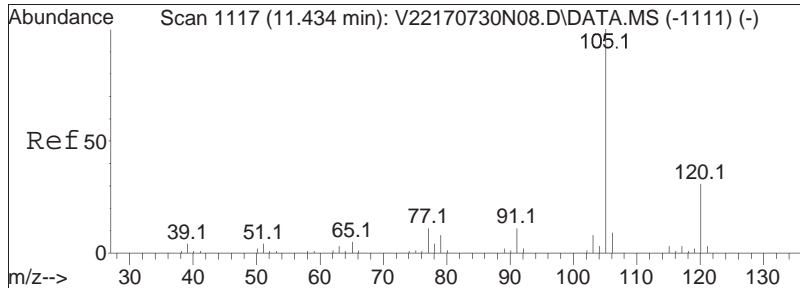




#91
 1,1,2,2-Tetrachloroethane
 Concen: 10.26 ug/L
 RT: 11.380 min Scan# 1112
 Delta R.T. 0.000 min
 Lab File: V22170814A01.D
 Acq: 14 Aug 2017 12:25 pm

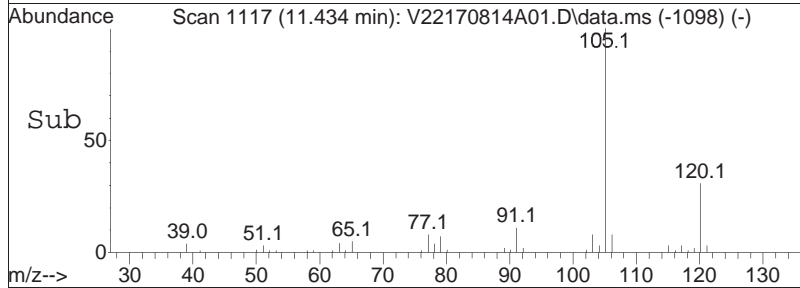
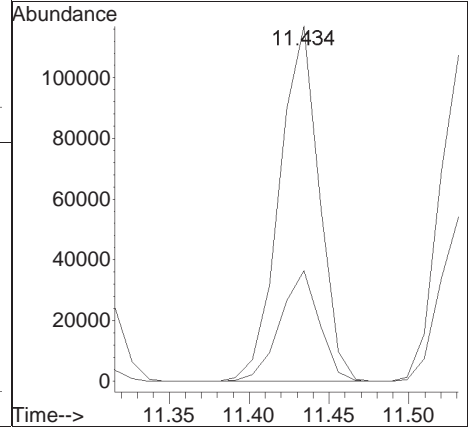
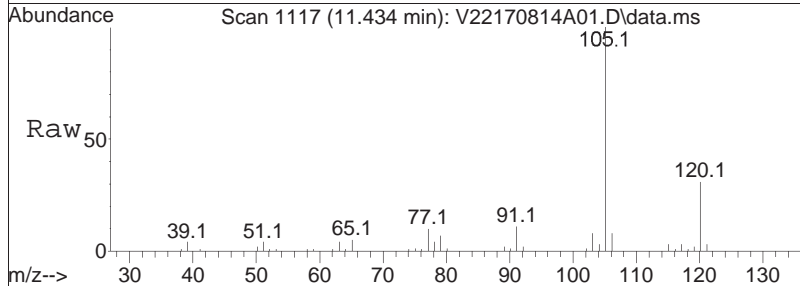
Tgt Ion	Resp	Lower	Upper
83	100		
131	10.3	0.0	30.8
85	66.6	45.4	85.4

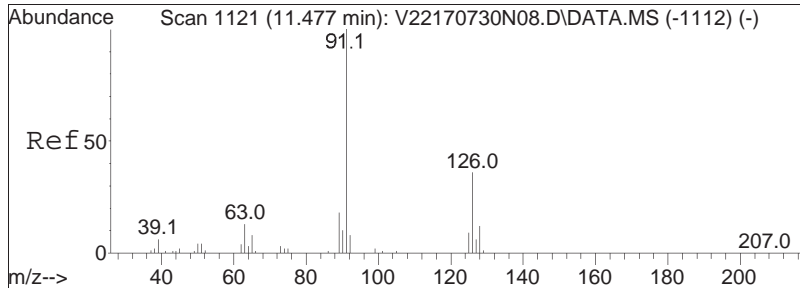




#92
 4-Ethyltoluene
 Concen: 11.80 ug/L
 RT: 11.434 min Scan# 1117
 Delta R.T. 0.000 min
 Lab File: V22170814A01.D
 Acq: 14 Aug 2017 12:25 pm

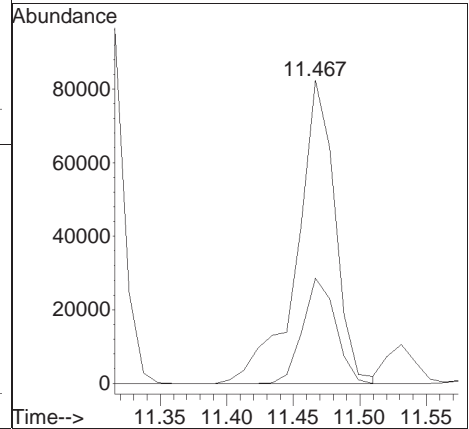
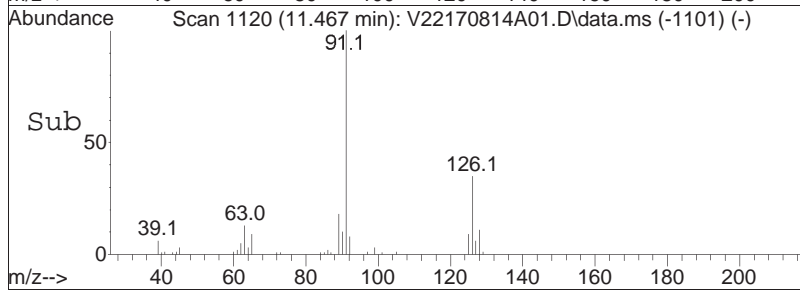
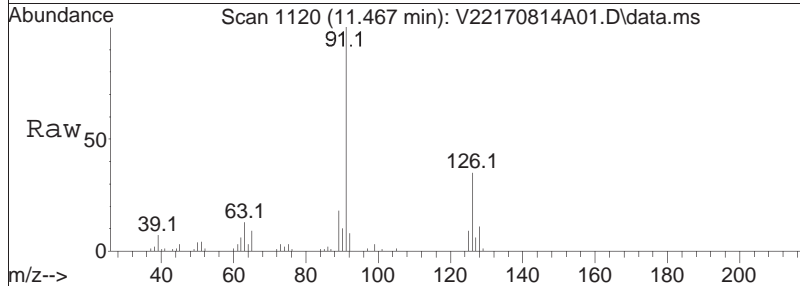
Tgt Ion	Resp	Lower	Upper
105	100		
120	30.7	19.8	41.0

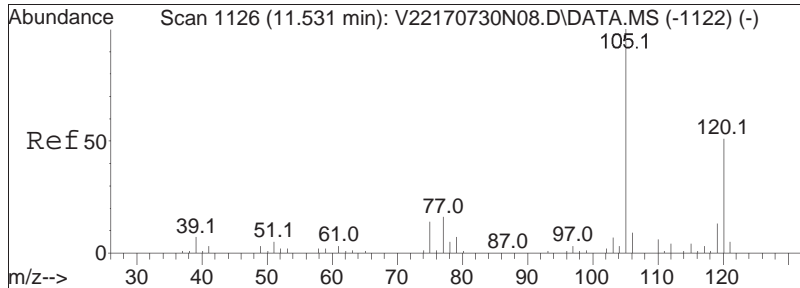




#93
 2-Chlorotoluene
 Concen: 11.88 ug/L
 RT: 11.467 min Scan# 1120
 Delta R.T. 0.001 min
 Lab File: V22170814A01.D
 Acq: 14 Aug 2017 12:25 pm

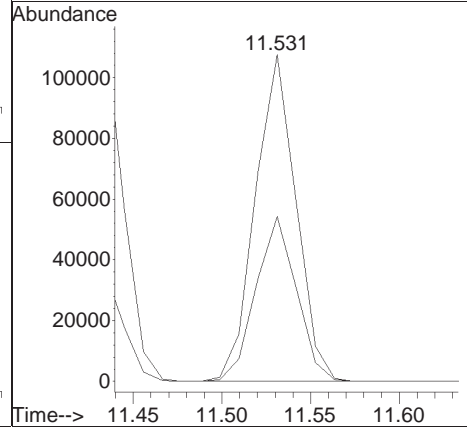
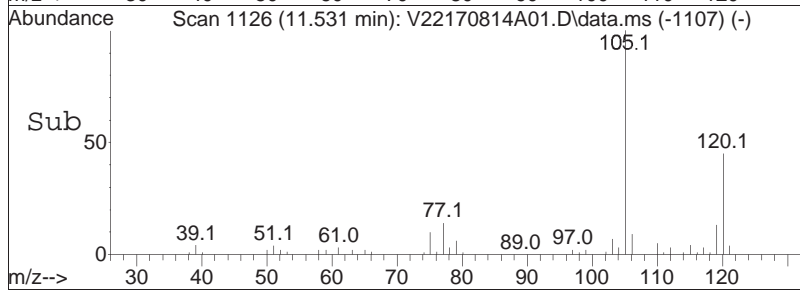
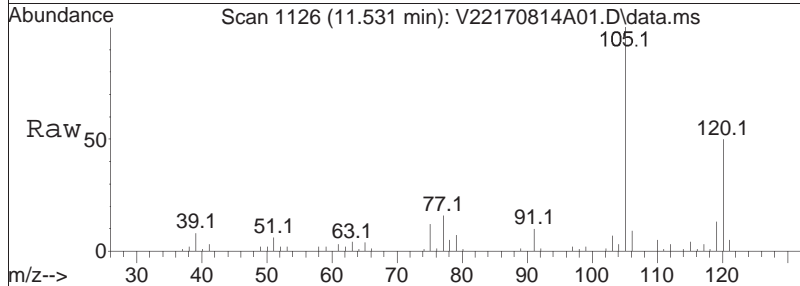
Tgt Ion	Resp	Lower	Upper
91	100		
126	30.0	24.6	37.0

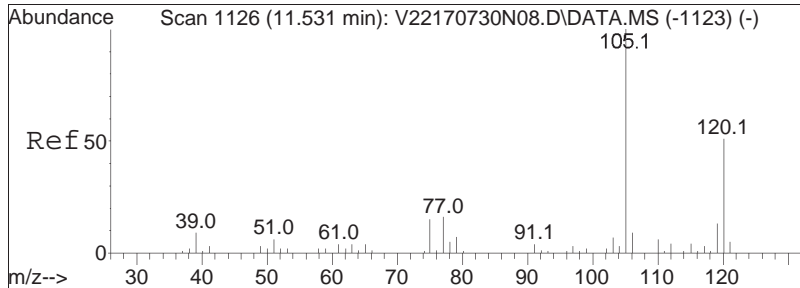




#94
 1,3,5-Trimethylbenzene
 Concen: 11.67 ug/L
 RT: 11.531 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: V22170814A01.D
 Acq: 14 Aug 2017 12:25 pm

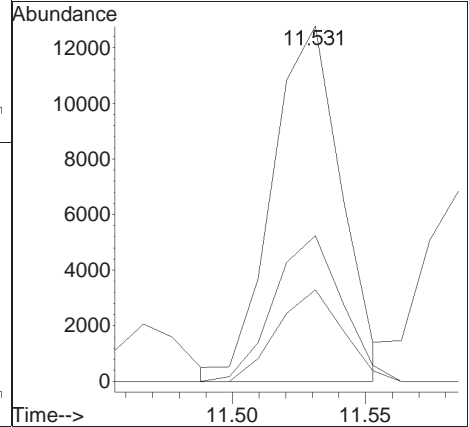
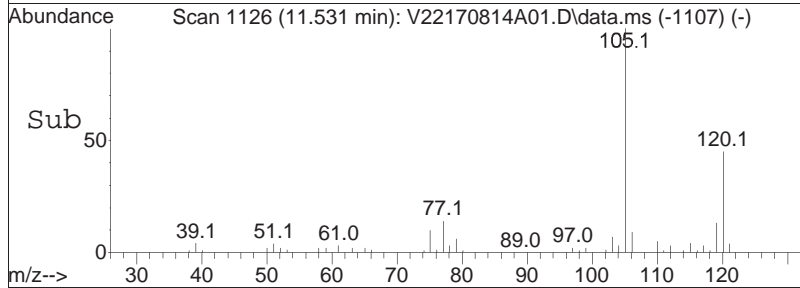
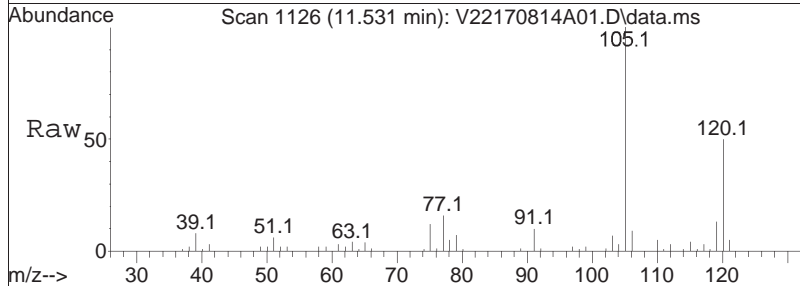
Tgt Ion	Resp	Lower	Upper
105	100		
120	50.5	40.9	61.3

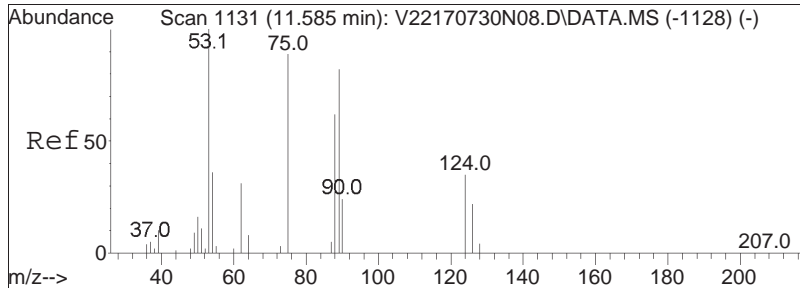




#95
 1,2,3-Trichloropropane
 Concen: 10.32 ug/L
 RT: 11.531 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: V22170814A01.D
 Acq: 14 Aug 2017 12:25 pm

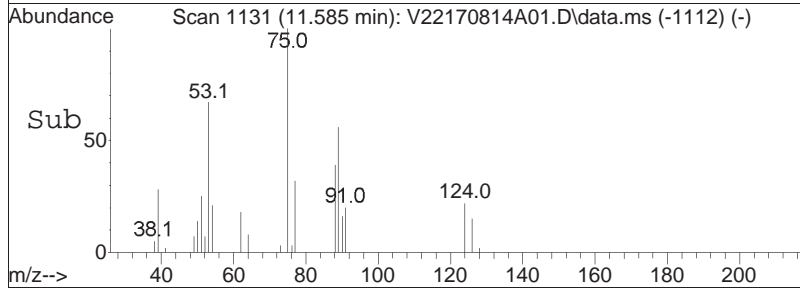
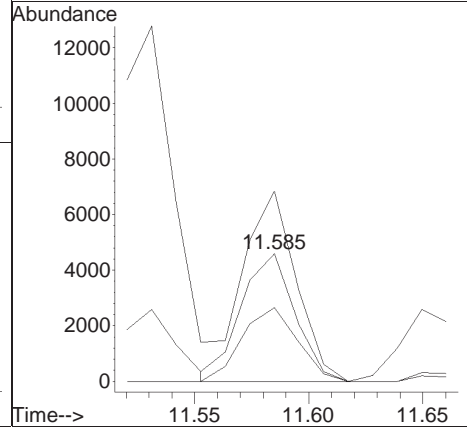
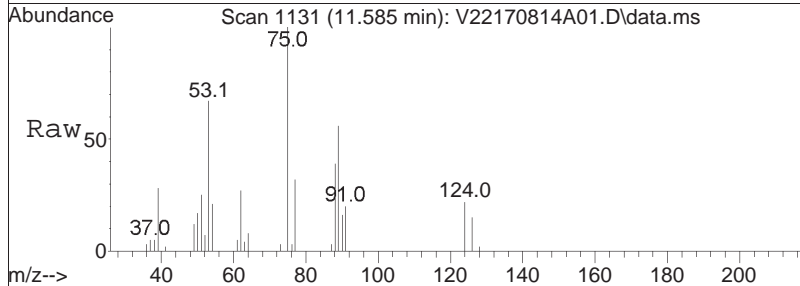
Tgt Ion	Resp	Lower	Upper
75	23032		
75	100		
110	40.4	26.3	54.7
112	24.5	16.8	35.0

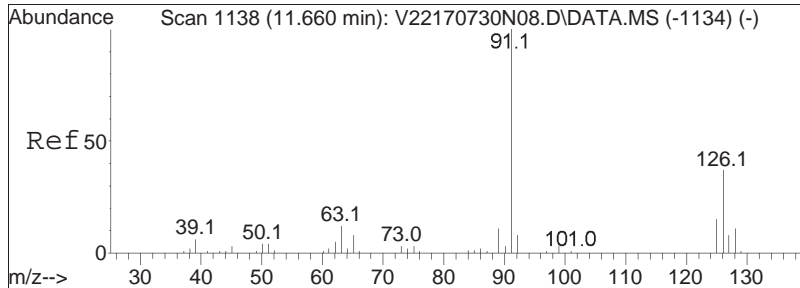




#96
 trans-1,4-Dichloro-2-butene
 Concen: 10.77 ug/L
 RT: 11.585 min Scan# 1131
 Delta R.T. -0.000 min
 Lab File: V22170814A01.D
 Acq: 14 Aug 2017 12:25 pm

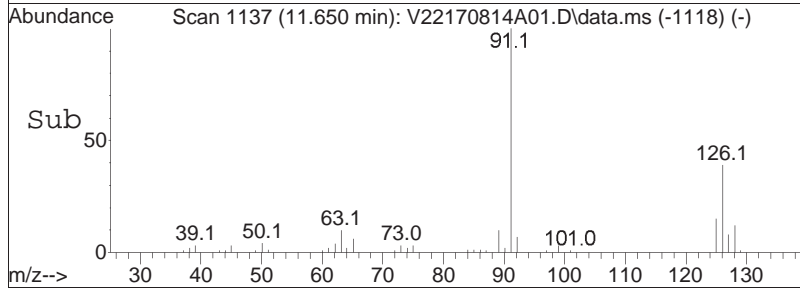
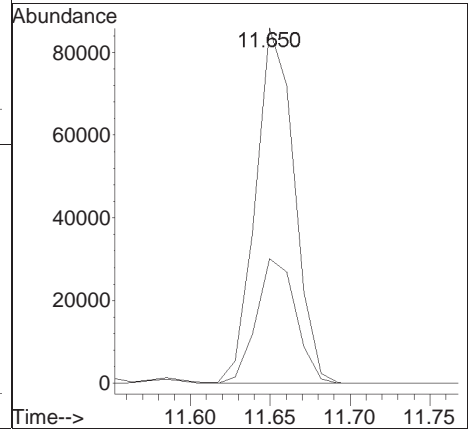
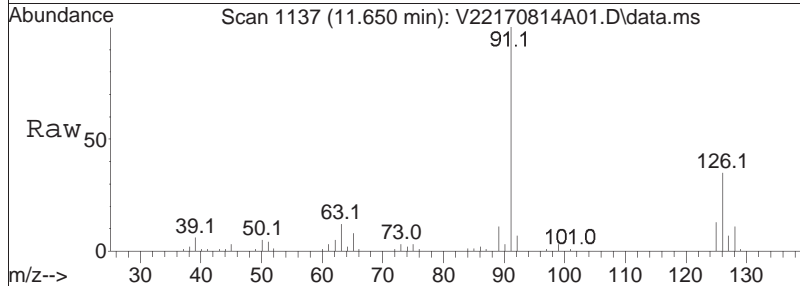
Tgt Ion	Resp	Lower	Upper
53	100		
88	59.5	46.3	69.5
75	147.9	109.0	163.4

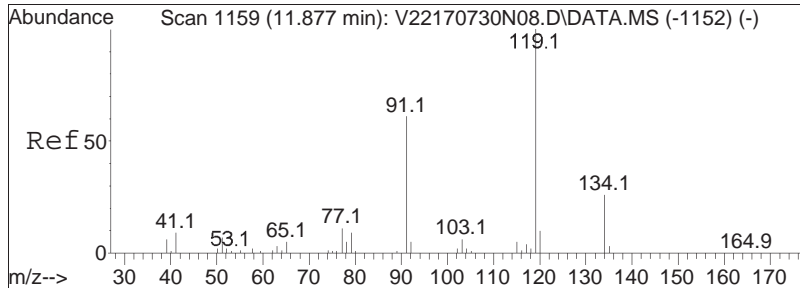




#97
 4-Chlorotoluene
 Concen: 11.55 ug/L
 RT: 11.650 min Scan# 1137
 Delta R.T. 0.001 min
 Lab File: V22170814A01.D
 Acq: 14 Aug 2017 12:25 pm

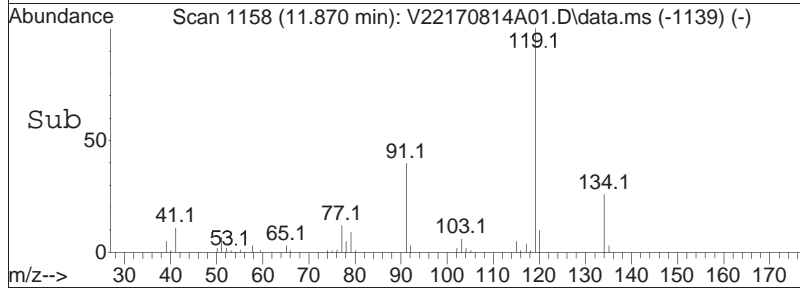
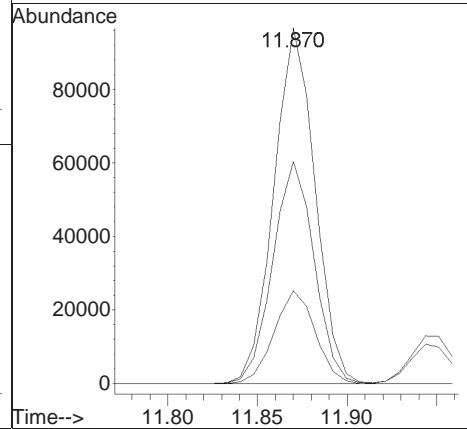
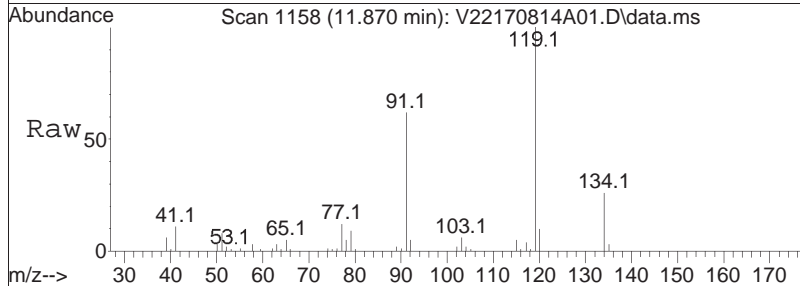
Tgt Ion:	Resp:	Lower	Upper
91	100		
126	35.8	28.5	42.7

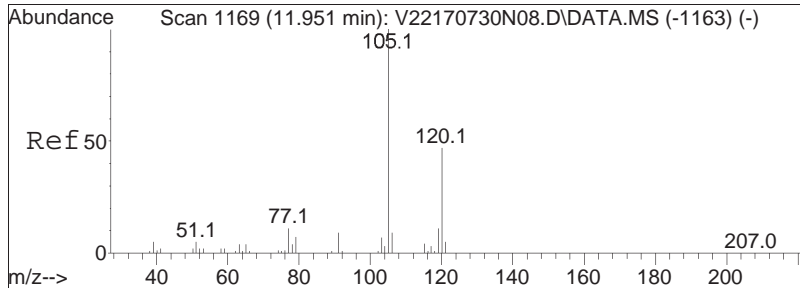




#98
 tert-Butylbenzene
 Concen: 11.47 ug/L
 RT: 11.870 min Scan# 1158
 Delta R.T. 0.000 min
 Lab File: V22170814A01.D
 Acq: 14 Aug 2017 12:25 pm

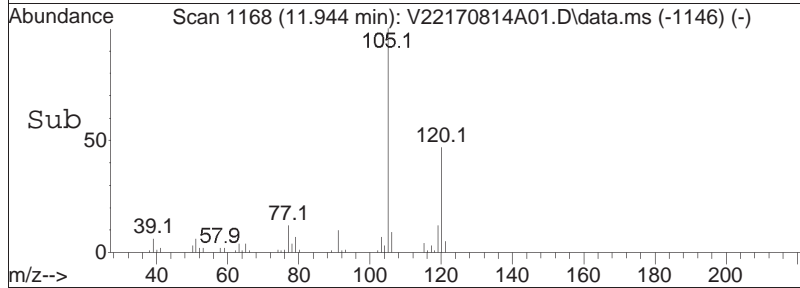
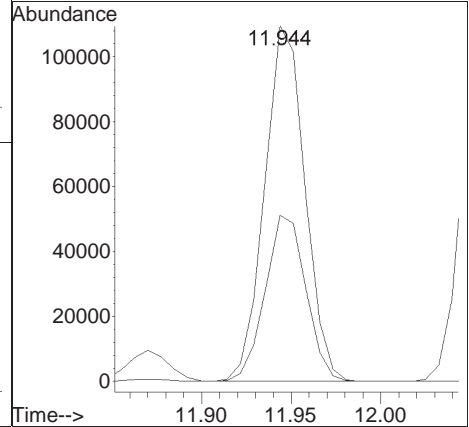
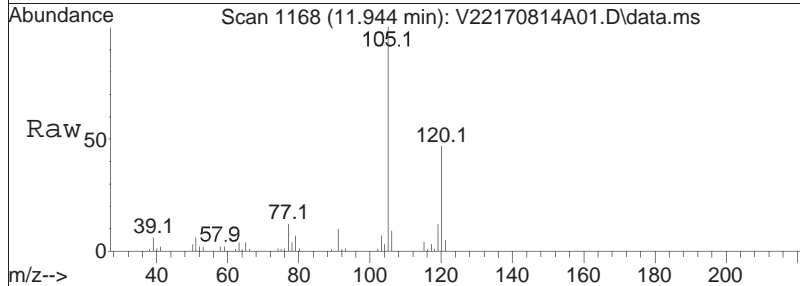
Tgt Ion	Ratio	Lower	Upper
119	100		
91	62.7	50.2	75.4
134	26.0	20.8	31.2

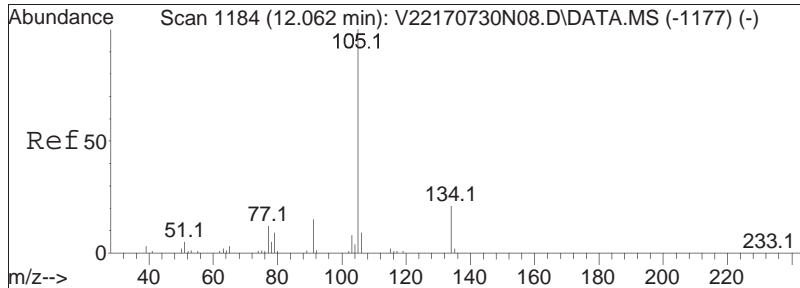




#101
 1,2,4-Trimethylbenzene
 Concen: 11.67 ug/L
 RT: 11.944 min Scan# 1168
 Delta R.T. -0.007 min
 Lab File: V22170814A01.D
 Acq: 14 Aug 2017 12:25 pm

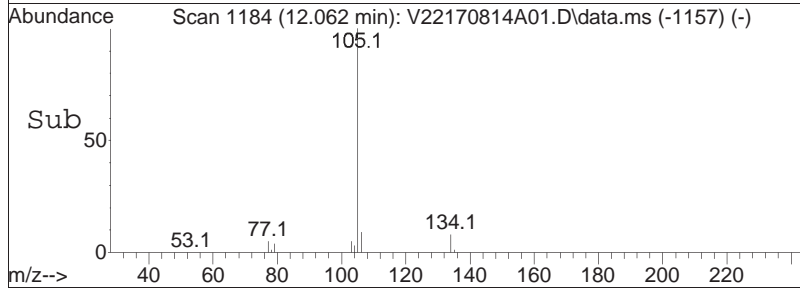
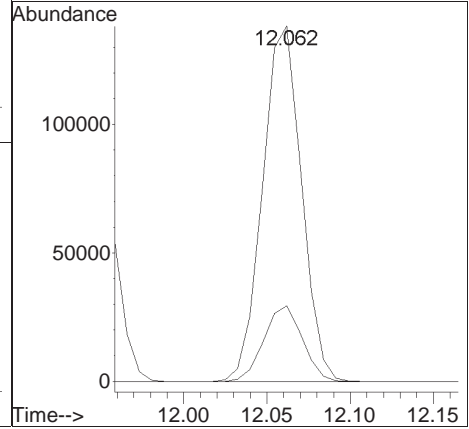
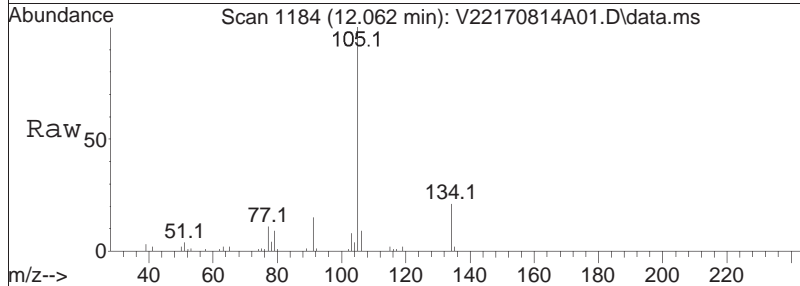
Tgt Ion	Resp	Lower	Upper
105	100		
120	47.2	38.5	57.7

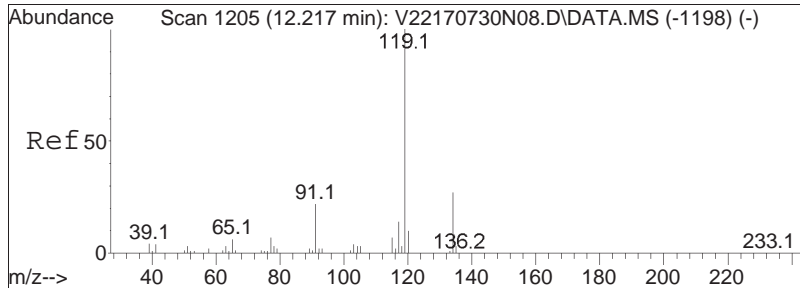




#102
 sec-Butylbenzene
 Concen: 11.80 ug/L
 RT: 12.062 min Scan# 1184
 Delta R.T. -0.000 min
 Lab File: V22170814A01.D
 Acq: 14 Aug 2017 12:25 pm

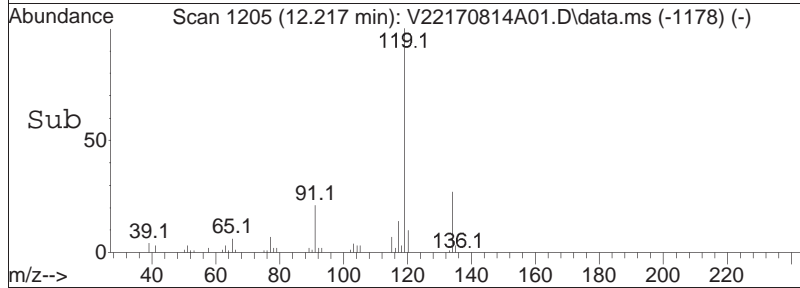
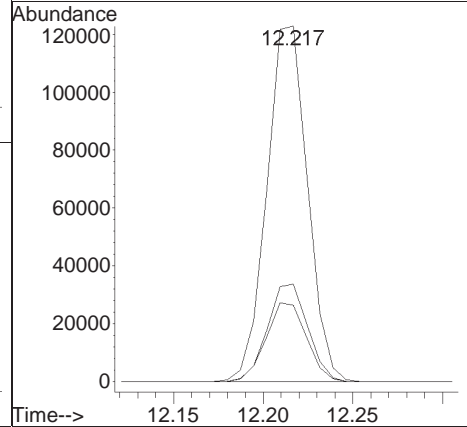
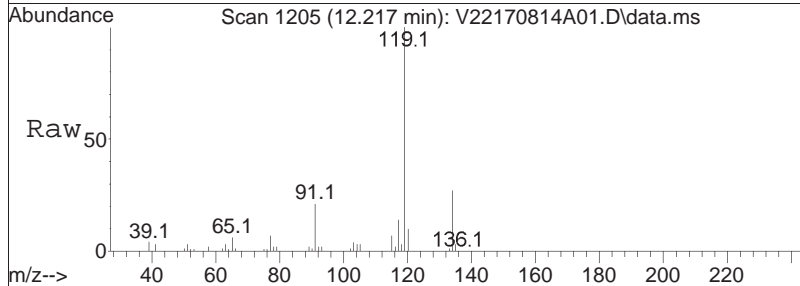
Tgt Ion	Resp	Lower	Upper
105	100		
134	21.0	13.9	28.9

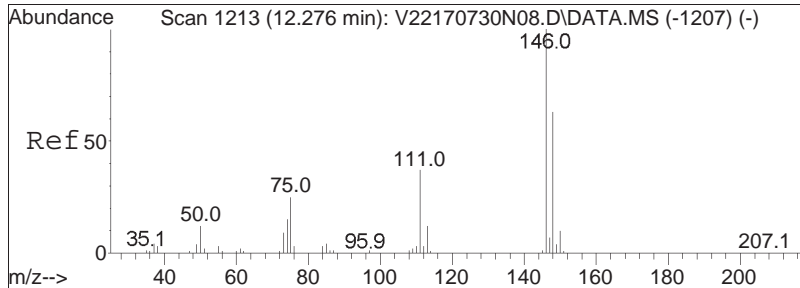




#103
 p-Isopropyltoluene
 Concen: 11.73 ug/L
 RT: 12.217 min Scan# 1205
 Delta R.T. -0.000 min
 Lab File: V22170814A01.D
 Acq: 14 Aug 2017 12:25 pm

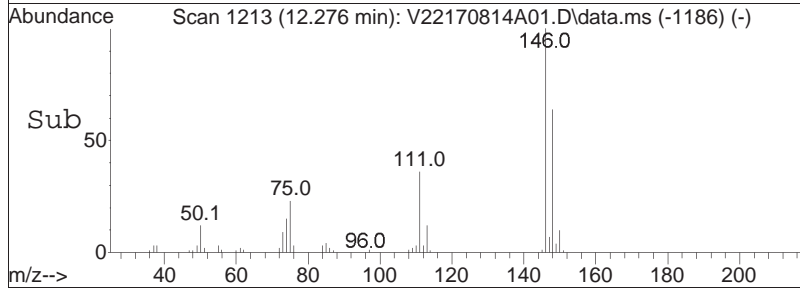
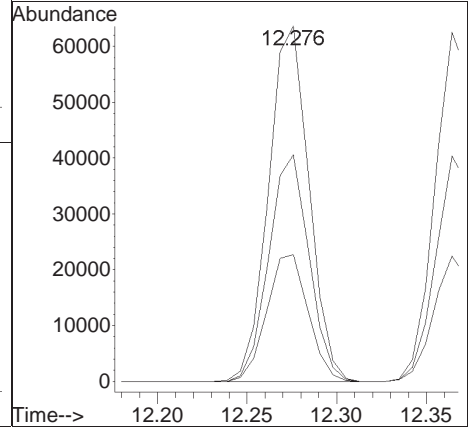
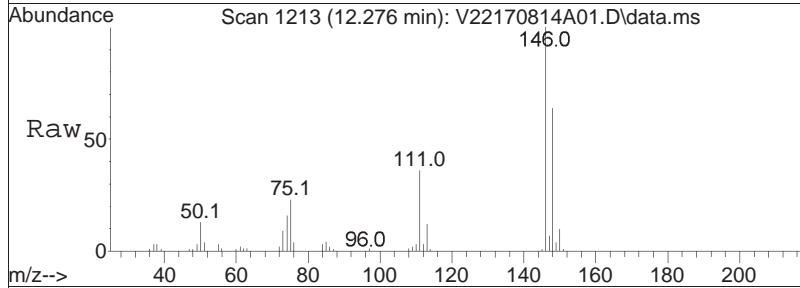
Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.1	17.7	36.7
91	22.0	14.1	29.3

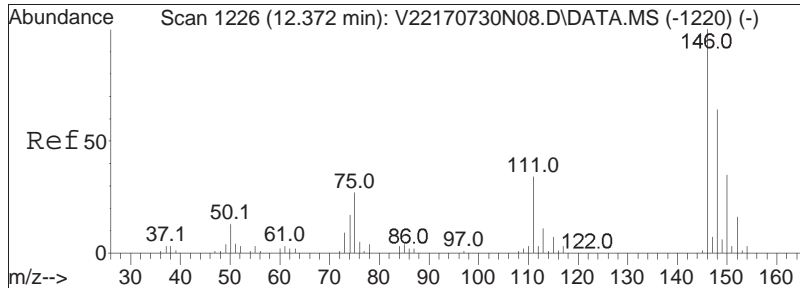




#104
 1,3-Dichlorobenzene
 Concen: 11.37 ug/L
 RT: 12.276 min Scan# 1213
 Delta R.T. -0.000 min
 Lab File: V22170814A01.D
 Acq: 14 Aug 2017 12:25 pm

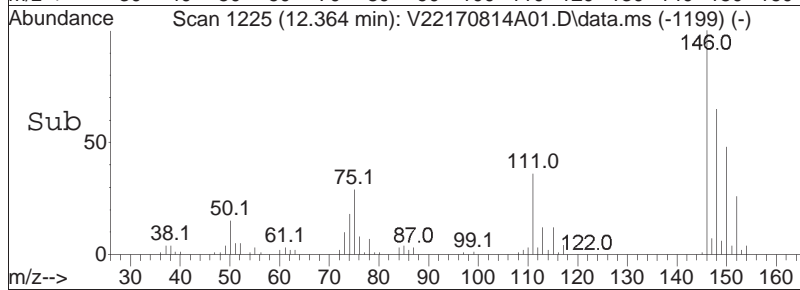
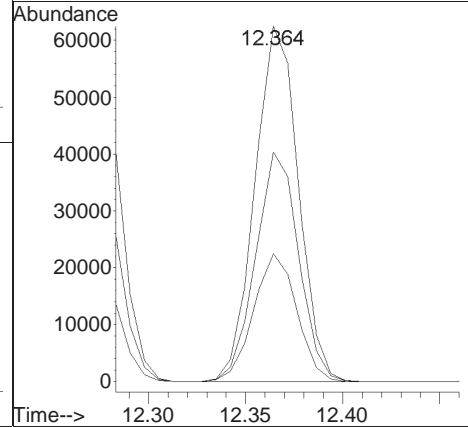
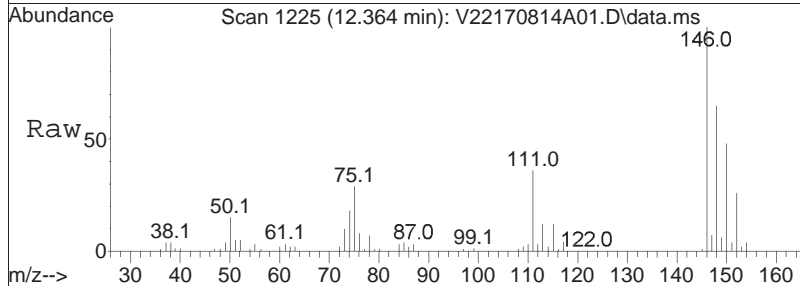
Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.5	24.0	49.8
148	63.5	41.8	86.8

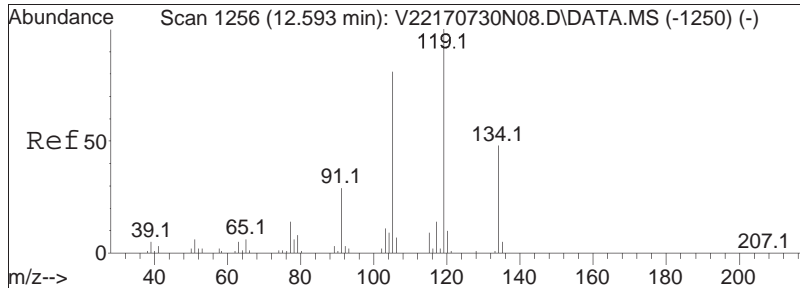




#105
 1,4-Dichlorobenzene
 Concen: 11.21 ug/L
 RT: 12.364 min Scan# 1225
 Delta R.T. -0.008 min
 Lab File: V22170814A01.D
 Acq: 14 Aug 2017 12:25 pm

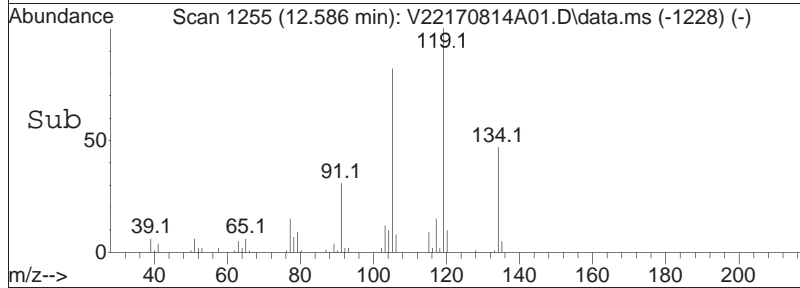
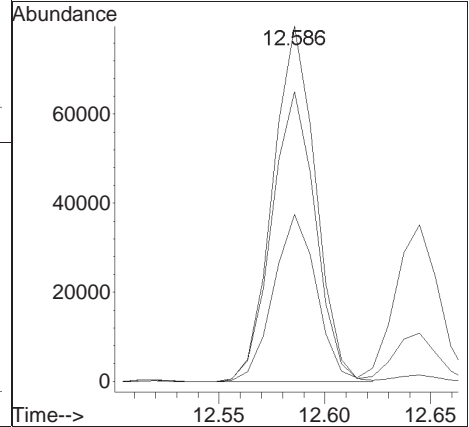
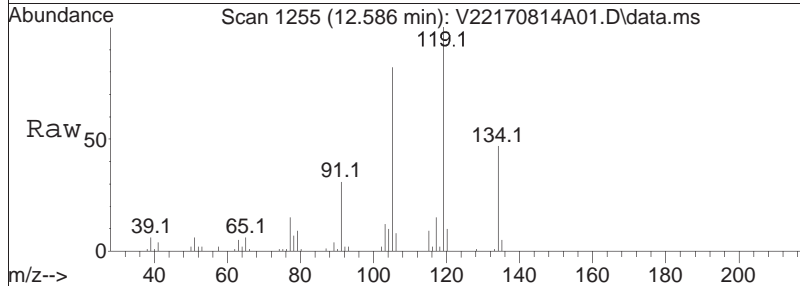
Tgt Ion	Resp	Lower	Upper
146	100		
111	35.7	28.9	43.3
148	63.9	51.4	77.2

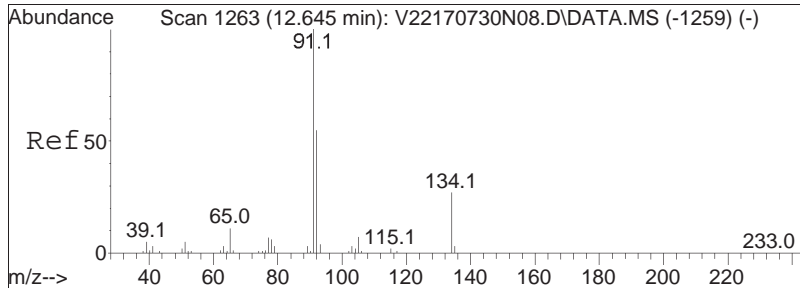




#106
 p-Diethylbenzene
 Concen: 11.67 ug/L
 RT: 12.586 min Scan# 1255
 Delta R.T. -0.000 min
 Lab File: V22170814A01.D
 Acq: 14 Aug 2017 12:25 pm

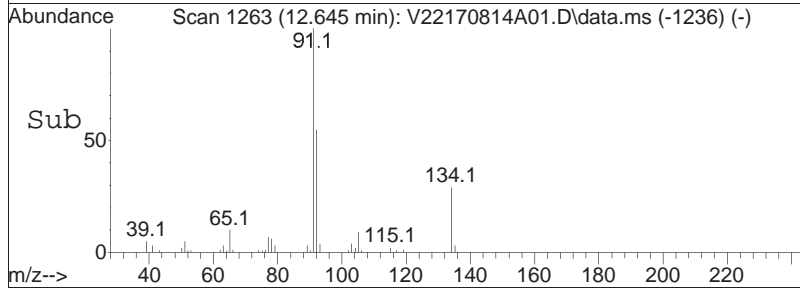
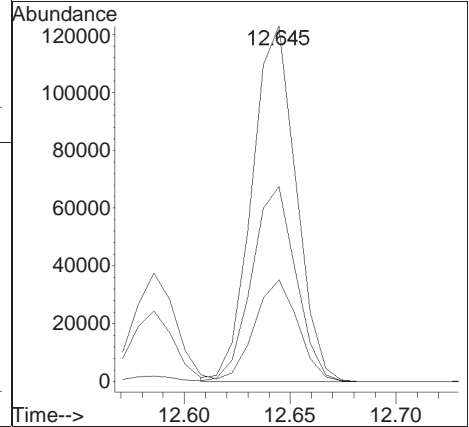
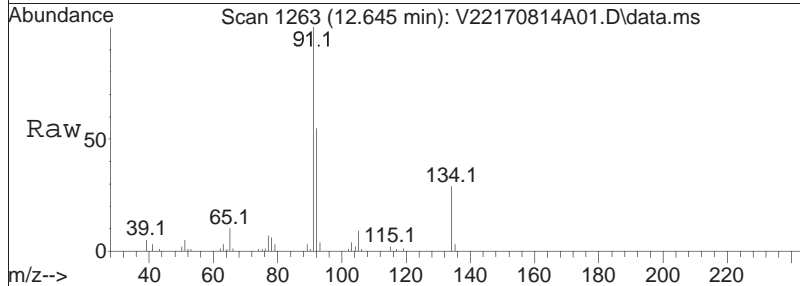
Tgt Ion	Resp	Lower	Upper
119	100		
105	83.2	53.4	110.8
134	47.1	30.9	64.1

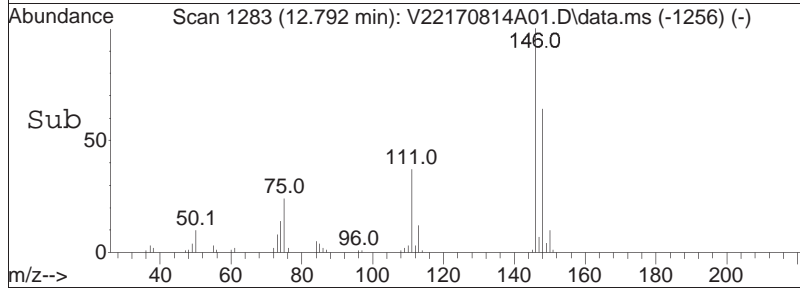
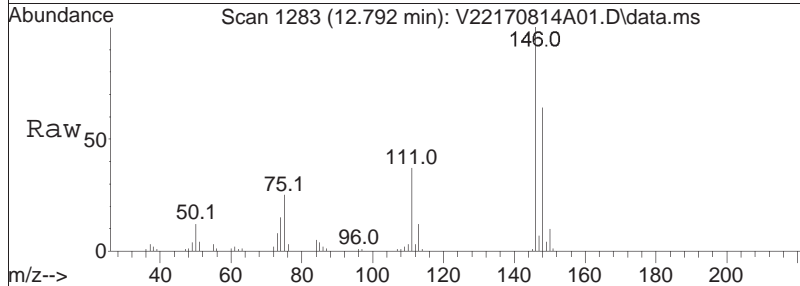
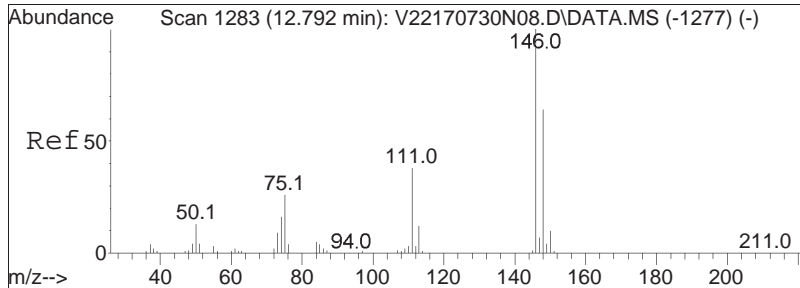




#107
 n-Butylbenzene
 Concen: 12.33 ug/L
 RT: 12.645 min Scan# 1263
 Delta R.T. -0.000 min
 Lab File: V22170814A01.D
 Acq: 14 Aug 2017 12:25 pm

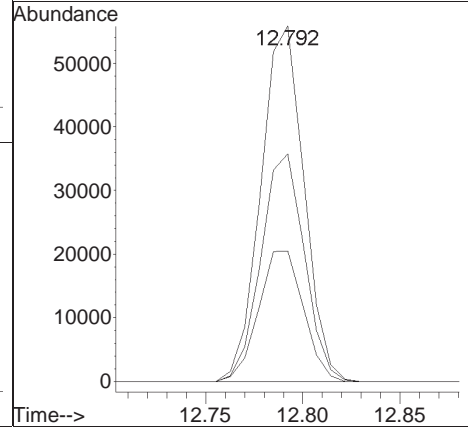
Tgt Ion	Resp	Lower	Upper
91	100		
92	54.8	44.6	66.8
134	28.1	22.9	34.3

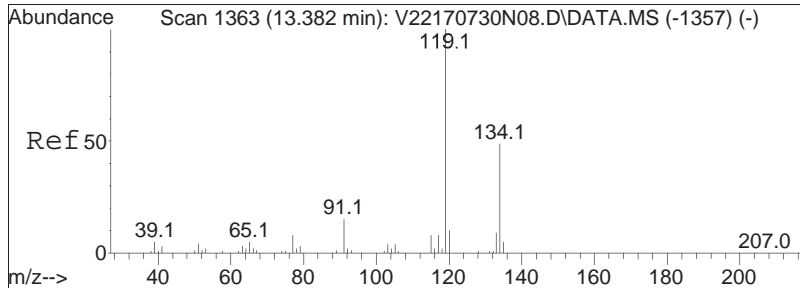




#108
 1,2-Dichlorobenzene
 Concen: 10.95 ug/L
 RT: 12.792 min Scan# 1283
 Delta R.T. 0.000 min
 Lab File: V22170814A01.D
 Acq: 14 Aug 2017 12:25 pm

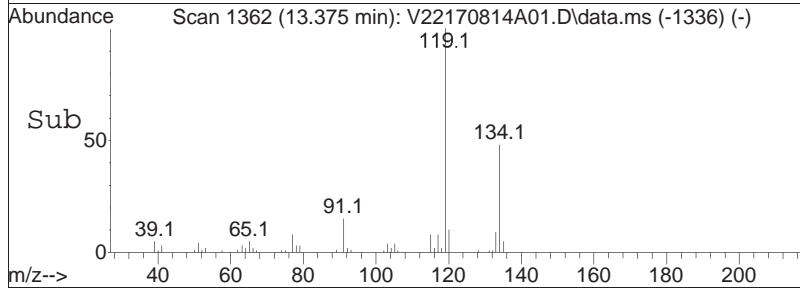
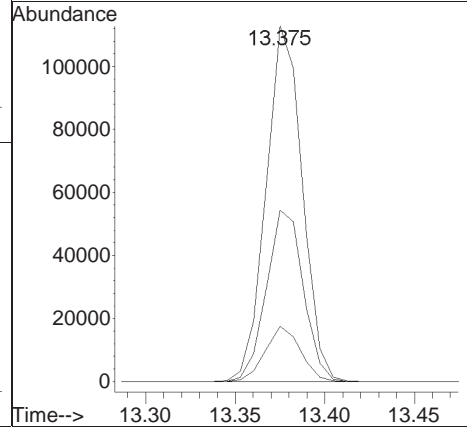
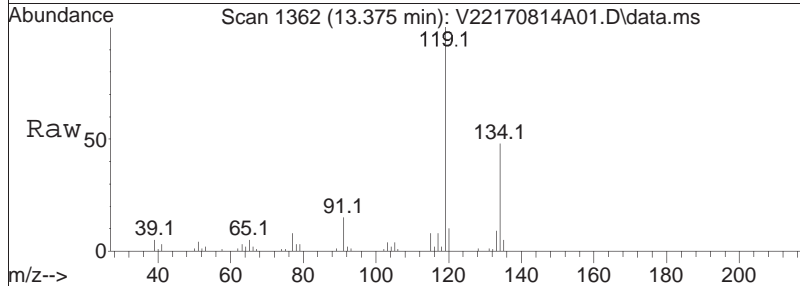
Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.2	24.8	51.6
148	64.4	42.2	87.6

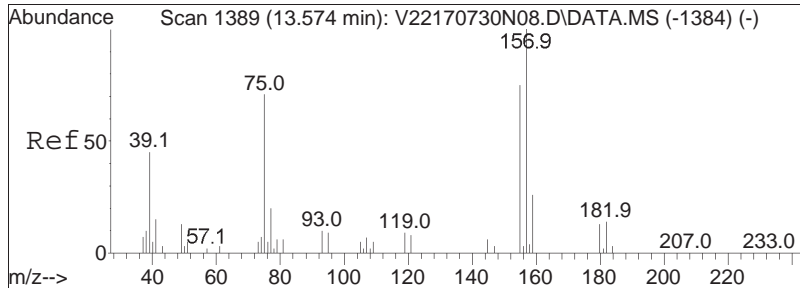




#109
 1,2,4,5-Tetramethylbenzene
 Concen: 11.18 ug/L
 RT: 13.375 min Scan# 1362
 Delta R.T. -0.007 min
 Lab File: V22170814A01.D
 Acq: 14 Aug 2017 12:25 pm

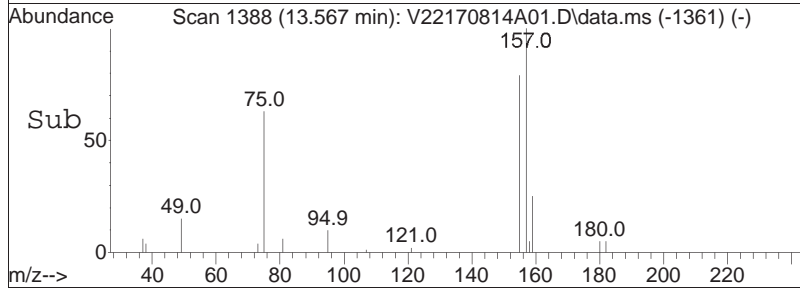
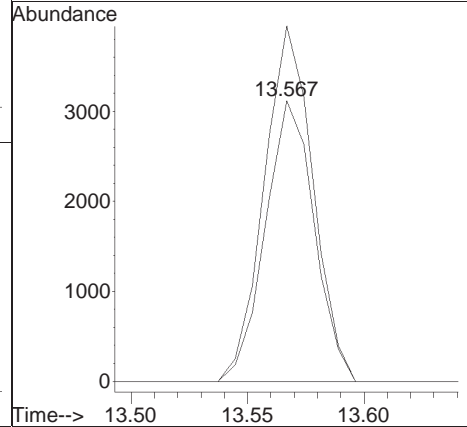
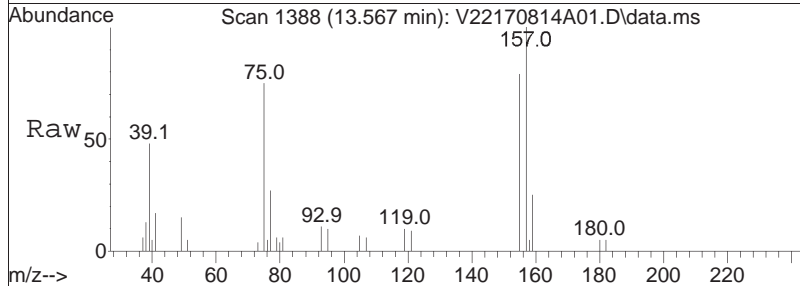
Tgt Ion	Resp	Lower	Upper
119	158244		
119	100		
134	49.0	31.9	66.1
91	15.1	9.8	20.3

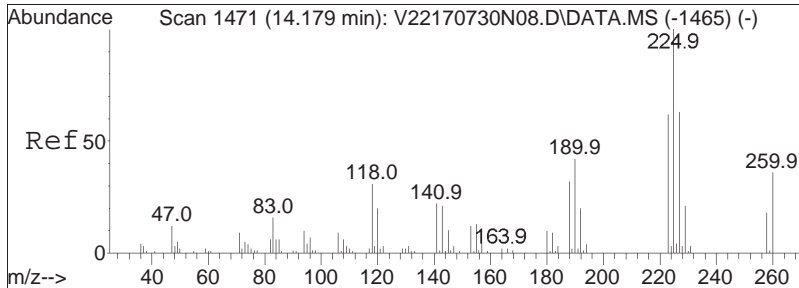




#110
 1,2-Dibromo-3-chloropropane
 Concen: 9.91 ug/L
 RT: 13.567 min Scan# 1388
 Delta R.T. -0.000 min
 Lab File: V22170814A01.D
 Acq: 14 Aug 2017 12:25 pm

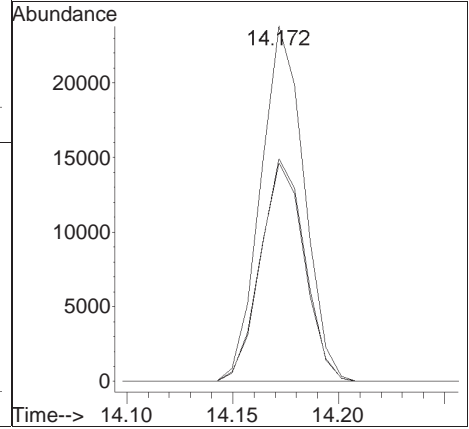
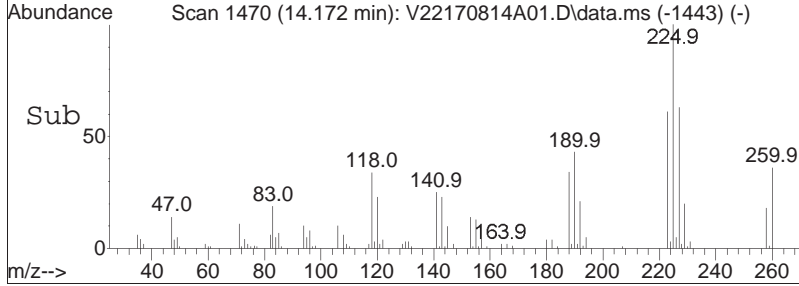
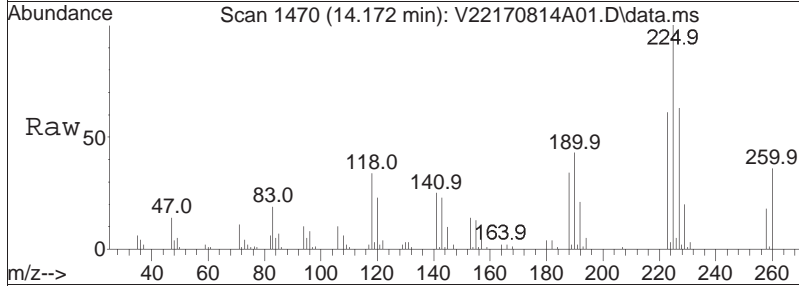
Tgt Ion: 155 Resp: 4549
 Ion Ratio Lower Upper
 155 100
 157 126.4 102.3 153.5

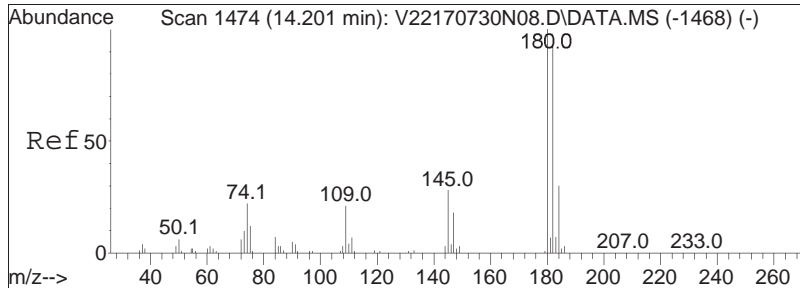




#112
 Hexachlorobutadiene
 Concen: 11.51 ug/L
 RT: 14.172 min Scan# 1470
 Delta R.T. -0.000 min
 Lab File: V22170814A01.D
 Acq: 14 Aug 2017 12:25 pm

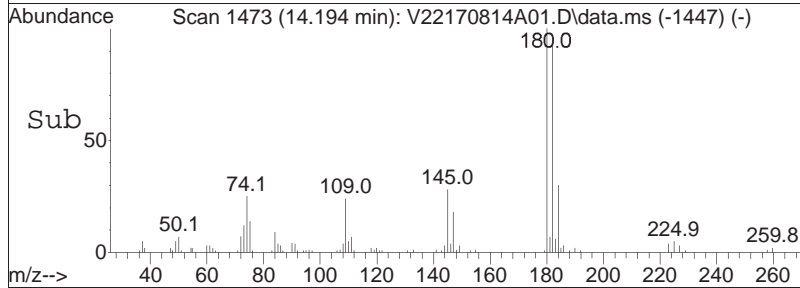
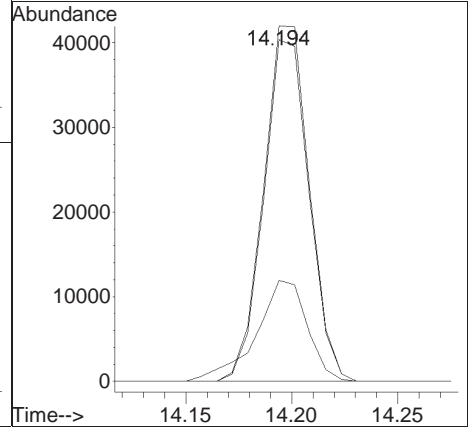
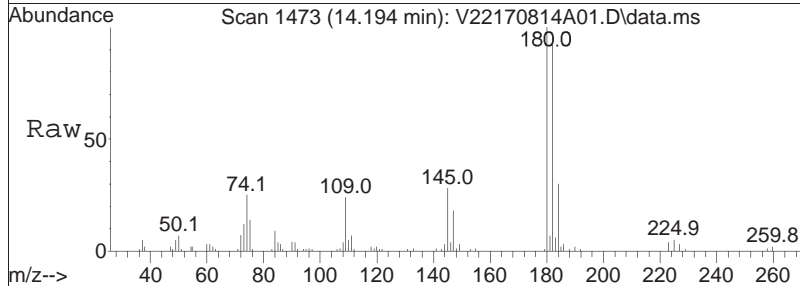
Tgt Ion	Resp	Lower	Upper
225	33997		
223	62.5	49.8	74.8
227	63.6	52.2	78.4

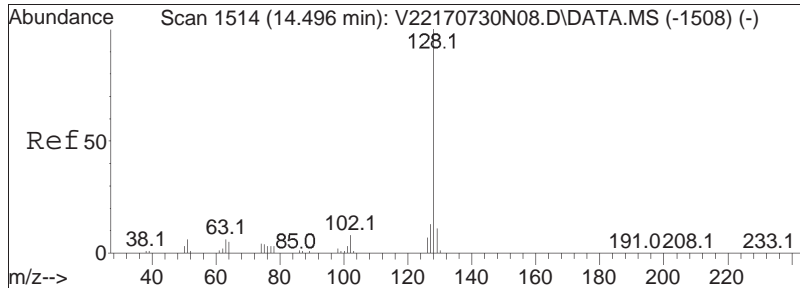




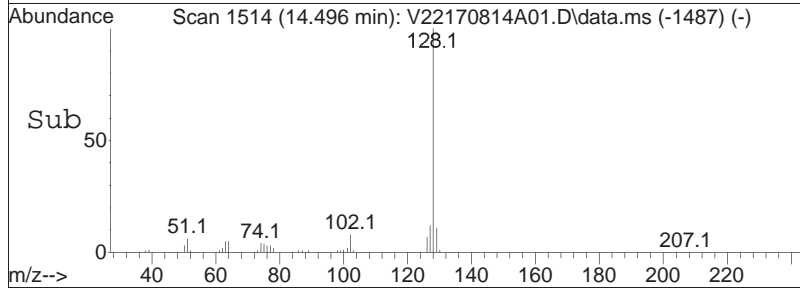
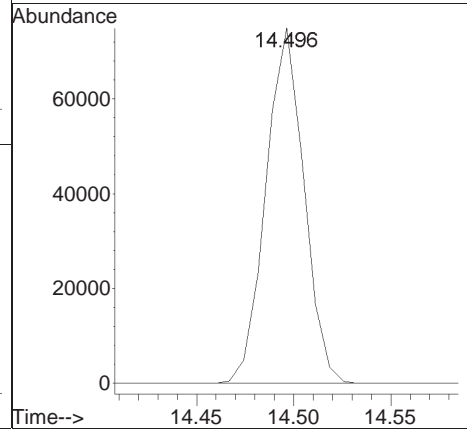
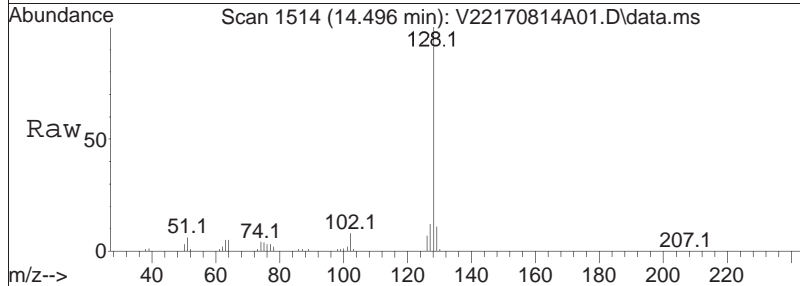
#113
 1,2,4-Trichlorobenzene
 Concen: 10.88 ug/L
 RT: 14.194 min Scan# 1473
 Delta R.T. -0.007 min
 Lab File: V22170814A01.D
 Acq: 14 Aug 2017 12:25 pm

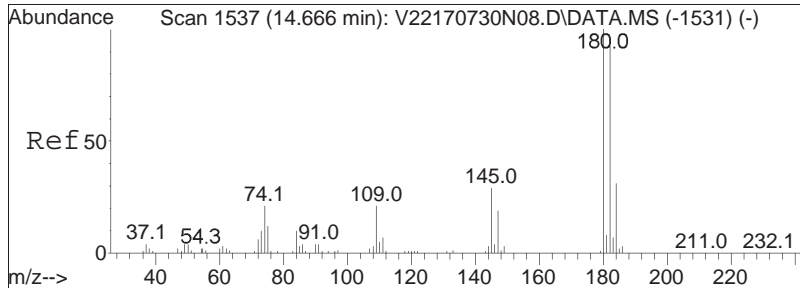
Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	76.6	114.8
145	31.8	25.5	38.3





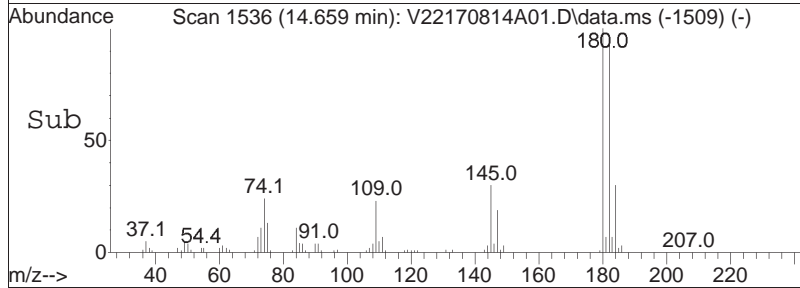
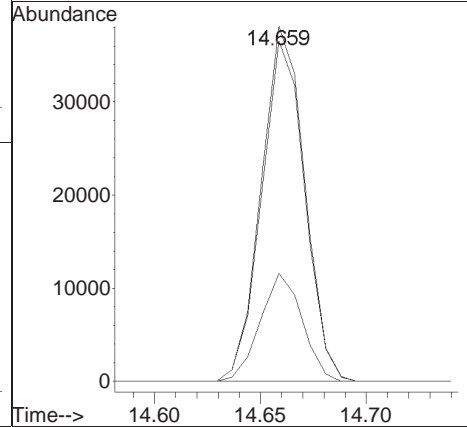
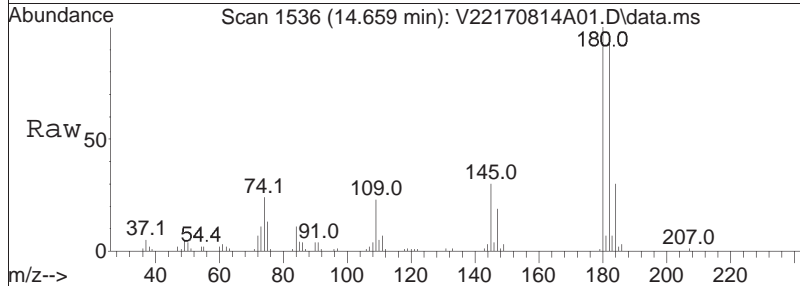
#114
 Naphthalene
 Concen: 9.98 ug/L
 RT: 14.496 min Scan# 1514
 Delta R.T. 0.000 min
 Lab File: V22170814A01.D
 Acq: 14 Aug 2017 12:25 pm
 Tgt Ion:128 Resp: 102260





#115
 1,2,3-Trichlorobenzene
 Concen: 10.40 ug/L
 RT: 14.659 min Scan# 1536
 Delta R.T. -0.000 min
 Lab File: V22170814A01.D
 Acq: 14 Aug 2017 12:25 pm

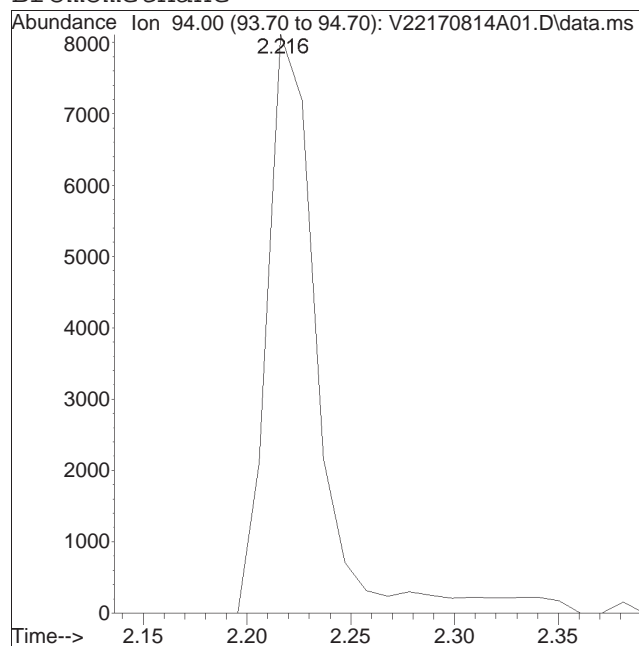
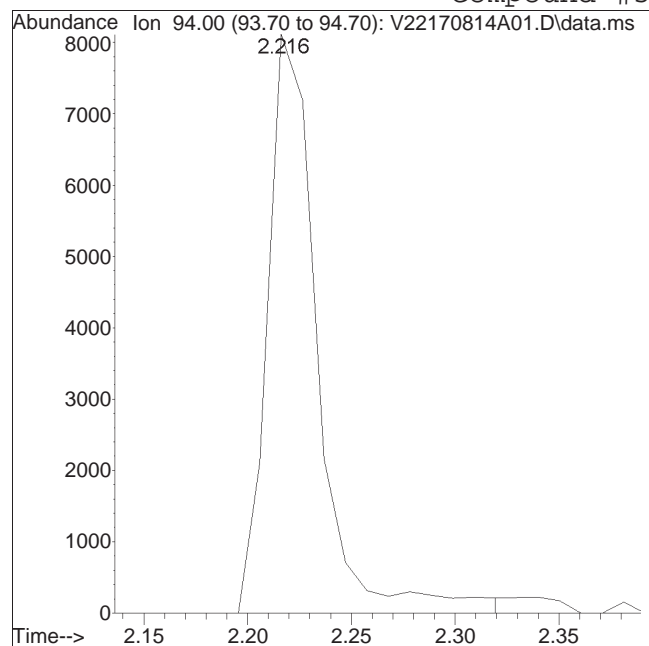
Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	76.0	114.0
145	29.4	23.8	35.8



Manual Integration Report

Data Path : I:\VOLATILES\VOA122\2017\1QMethod : V122_170804A_8260.m
Data File : V22170814A01.D Operator : VOA122:PD
Date Inj'd : 8/14/2017 12:25 pm Instrument : VOA122
Sample : WG1031945-3,31,10,10 Quant Date : 8/14/2017 12:48 pm

Compound #5: Bromomethane



Original Peak Response = 13641

Manual Peak Response = 14021 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA122\2017\170816A\
 Data File : V22170816A01.D
 Acq On : 16 Aug 2017 08:17 am
 Operator : VOA122:PD
 Sample : WG1032492-3,31,10,10 (Sig #1); 8260 CCAL (Sig #2)
 Misc : WG1032492,ICAL13890 (Sig #1); WG,ICAL13890 (Sig #2)
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 16 08:40:23 2017
 Quant Method : I:\VOLATILES\VOA122\2017\170816A\V122_170804A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sat Aug 05 11:45:14 2017
 Response via : Initial Calibration

Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	

Internal Standards							
1) Fluorobenzene	6.101	96	139648	10.000	ug/L	0.00	
62) Chlorobenzene-d5	9.658	117	120275	10.000	ug/L	0.00	
83) 1,4-Dichlorobenzene-d4	12.350	152	63825	10.000	ug/L	0.00	
System Monitoring Compounds							
38) Dibromofluoromethane	5.270	113	35880	9.942	ug/L	0.00	
Spiked Amount	10.000		Range 70 - 130	Recovery =	99.42%		
46) 1,2-Dichloroethane-d4	5.813	65	32105	9.611	ug/L	0.00	
Spiked Amount	10.000		Range 70 - 130	Recovery =	96.11%		
63) Toluene-d8	7.807	98	143853	9.950	ug/L	0.00	
Spiked Amount	10.000		Range 70 - 130	Recovery =	99.50%		
87) 4-Bromofluorobenzene	11.144	95	56527	10.252	ug/L	0.00	
Spiked Amount	10.000		Range 70 - 130	Recovery =	102.52%		
Target Compounds							
2) Dichlorodifluoromethane	1.628	85	36548	13.067	ug/L	99	Qvalue
3) Chloromethane	1.824	50	32907	10.327	ug/L	99	
4) Vinyl chloride	1.896	62	45841	11.495	ug/L	99	
5) Bromomethane	2.227	94	24547	9.402	ug/L	100	
6) Chloroethane	2.350	64	25598	10.671	ug/L	99	
7) Trichlorofluoromethane	2.495	101	57997	10.558	ug/L	100	
8) Ethyl ether	2.804	74	16459	9.653	ug/L	# 1	
10) 1,1-Dichloroethene	2.990	96	34862	10.281	ug/L	96	
11) Carbon disulfide	3.021	76	92784	10.653	ug/L	100	
15) Methylene chloride	3.558	84	37555	10.393	ug/L	98	
17) Acetone	3.609	43	4100	9.394	ug/L	95	
18) trans-1,2-Dichloroethene	3.712	96	40242	10.274	ug/L	99	
21) Methyl tert-butyl ether	3.816	73	79592	9.501	ug/L	99	
25) 1,1-Dichloroethane	4.311	63	66423	10.723	ug/L	100	
27) Acrylonitrile	4.362	53	6471	10.444	ug/L	98	
29) Vinyl acetate	4.548	43	56330	9.878	ug/L	99	
30) cis-1,2-Dichloroethene	4.827	96	43658	10.389	ug/L	98	
31) 2,2-Dichloropropane	4.940	77	61002	11.384	ug/L	100	
32) Bromochloromethane	5.023	128	18582	10.504	ug/L	97	
34) Chloroform	5.095	83	67313	10.456	ug/L	100	
36) Carbon tetrachloride	5.229	117	55669	10.956	ug/L	98	
39) 1,1,1-Trichloroethane	5.301	97	63542	10.384	ug/L	99	
41) 2-Butanone	5.404	43	6074	9.522	ug/L	86	
42) 1,1-Dichloropropene	5.425	75	53680	10.623	ug/L	99	

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA122\2017\170816A\
 Data File : V22170816A01.D
 Acq On : 16 Aug 2017 08:17 am
 Operator : VOA122:PD
 Sample : WG1032492-3,31,10,10 (Sig #1); 8260 CCAL (Sig #2)
 Misc : WG1032492,ICAL13890 (Sig #1); WG,ICAL13890 (Sig #2)
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 16 08:40:23 2017
 Quant Method : I:\VOLATILES\VOA122\2017\170816A\V122_170804A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sat Aug 05 11:45:14 2017
 Response via : Initial Calibration

Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Benzene	5.673	78	154687	10.241	ug/L	100
47) 1,2-Dichloroethane	5.883	62	39626	10.108	ug/L	100
51) Trichloroethene	6.272	95	41647	10.671	ug/L	97
53) Dibromomethane	6.716	93	13587	9.346	ug/L	96
54) 1,2-Dichloropropane	6.825	63	34459	10.512	ug/L	99
57) Bromodichloromethane	6.887	83	48549	9.920	ug/L	99
60) 1,4-Dioxane	7.105	88	2662	451.936	ug/L	92
61) cis-1,3-Dichloropropene	7.592	75	56559	10.043	ug/L	99
64) Toluene	7.862	92	97941	10.022	ug/L	100
65) 4-Methyl-2-pentanone	8.313	58	5873	8.219	ug/L	94
66) Tetrachloroethene	8.306	166	48826	9.657	ug/L	98
68) trans-1,3-Dichloropropene	8.348	75	47080	9.745	ug/L	99
71) 1,1,2-Trichloroethane	8.528	83	21807	9.434	ug/L	99
72) Chlorodibromomethane	8.736	129	33317	9.137	ug/L	100
73) 1,3-Dichloropropane	8.861	76	44568	9.503	ug/L	100
74) 1,2-Dibromoethane	9.020	107	25743	8.786	ug/L	100
76) 2-Hexanone	9.321	43	8990	8.657	ug/L	99
77) Chlorobenzene	9.680	112	111707	9.828	ug/L	99
78) Ethylbenzene	9.723	91	193820	10.091	ug/L	99
79) 1,1,1,2-Tetrachloroethane	9.766	131	37986	9.583	ug/L	99
80) p/m Xylene	9.917	106	153195	19.912	ug/L	100
81) o Xylene	10.444	106	139507	19.762	ug/L	98
82) Styrene	10.519	104	220966	19.399	ug/L	100
84) Bromoform	10.530	173	20790	8.493	ug/L	100
86) Isopropylbenzene	10.832	105	203750	10.219	ug/L	99
88) Bromobenzene	11.262	156	45364	9.402	ug/L	100
89) n-Propylbenzene	11.305	91	236962	10.440	ug/L	99
91) 1,1,2,2-Tetrachloroethane	11.380	83	27554	9.309	ug/L	99
92) 4-Ethyltoluene	11.434	105	188638	10.315	ug/L	100
93) 2-Chlorotoluene	11.467	91	151002	10.299	ug/L	100
94) 1,3,5-Trimethylbenzene	11.531	105	158977	10.178	ug/L	99
95) 1,2,3-Trichloropropane	11.531	75	22739	9.570	ug/L	95
96) trans-1,4-Dichloro-2-b...	11.585	53	6960	9.329	ug/L	97
97) 4-Chlorotoluene	11.650	91	135560	10.150	ug/L	99
98) tert-Butylbenzene	11.870	119	143395	10.016	ug/L	99
101) 1,2,4-Trimethylbenzene	11.944	105	158490	10.135	ug/L	99
102) sec-Butylbenzene	12.062	105	209278	10.325	ug/L	99
103) p-Isopropyltoluene	12.217	119	181073	10.293	ug/L	99
104) 1,3-Dichlorobenzene	12.276	146	92171	9.865	ug/L	99
105) 1,4-Dichlorobenzene	12.364	146	88706	9.611	ug/L	98

Quantitation Report (QT Reviewed)

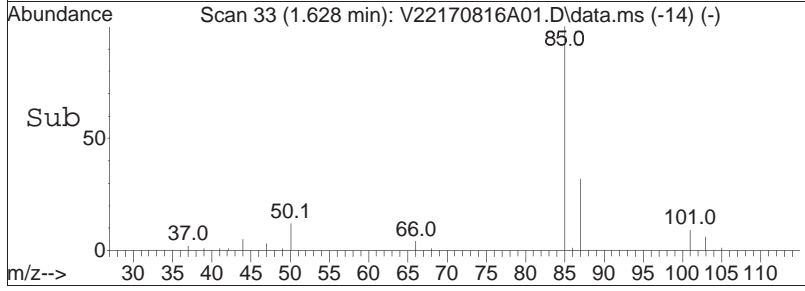
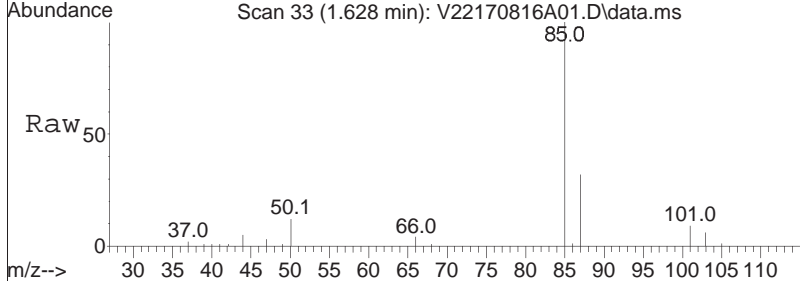
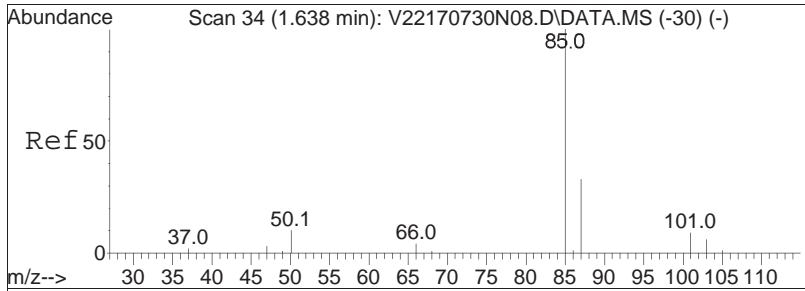
Data Path : I:\VOLATILES\VOA122\2017\170816A\
 Data File : V22170816A01.D
 Acq On : 16 Aug 2017 08:17 am
 Operator : VOA122:PD
 Sample : WG1032492-3,31,10,10 (Sig #1); 8260 CCAL (Sig #2)
 Misc : WG1032492,ICAL13890 (Sig #1); WG,ICAL13890 (Sig #2)
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 16 08:40:23 2017
 Quant Method : I:\VOLATILES\VOA122\2017\170816A\V122_170804A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sat Aug 05 11:45:14 2017
 Response via : Initial Calibration

Sub List : 8260-Curve - Megamix plus Diox

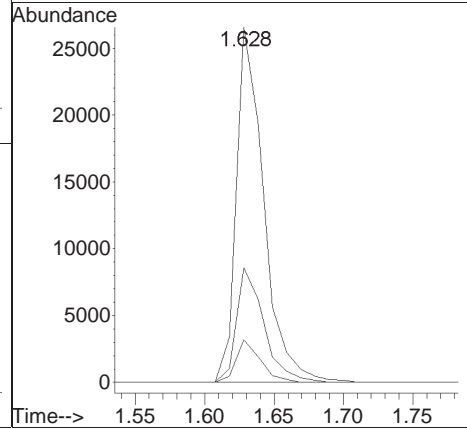
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
106) p-Diethylbenzene	12.586	119	105137	10.304	ug/L	99
107) n-Butylbenzene	12.645	91	166682	10.844	ug/L	99
108) 1,2-Dichlorobenzene	12.792	146	79876	9.516	ug/L	99
109) 1,2,4,5-Tetramethylben...	13.375	119	148256	9.834	ug/L	99
110) 1,2-Dibromo-3-chloropr...	13.567	155	4044	8.271	ug/L	99
112) Hexachlorobutadiene	14.172	225	32582	10.357	ug/L	98
113) 1,2,4-Trichlorobenzene	14.201	180	58374	9.446	ug/L	99
114) Naphthalene	14.496	128	94664	8.671	ug/L	100
115) 1,2,3-Trichlorobenzene	14.659	180	50285	9.038	ug/L	99

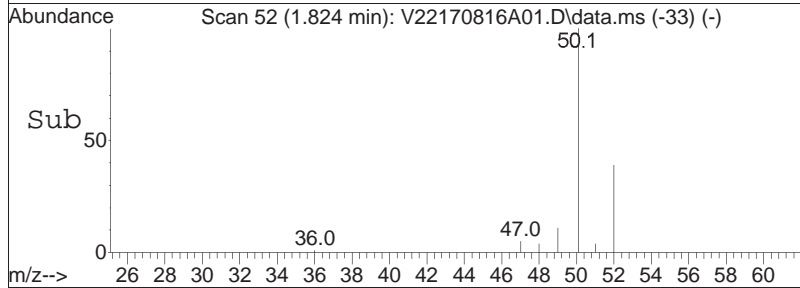
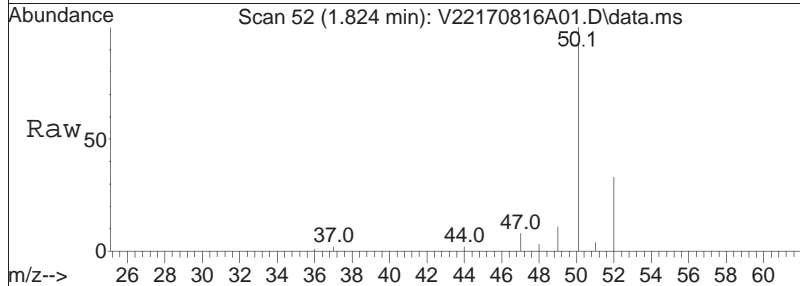
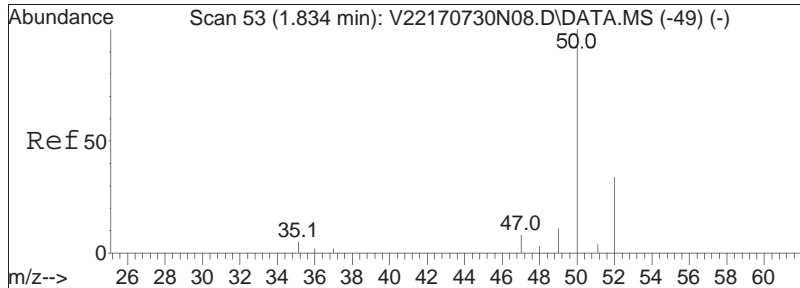
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 13.07 ug/L
 RT: 1.628 min Scan# 33
 Delta R.T. 0.000 min
 Lab File: V22170816A01.D
 Acq: 16 Aug 2017 08:17 am

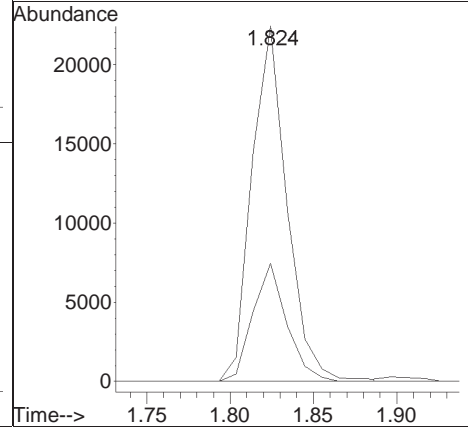
Tgt Ion	85	87	50	Resp:	36548	Lower	Upper
Ion Ratio	100	32.3	10.7			20.7	42.9
						6.8	14.2

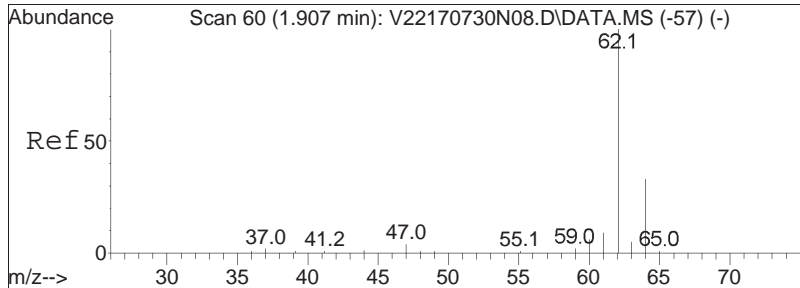




#3
 Chloromethane
 Concen: 10.33 ug/L
 RT: 1.824 min Scan# 52
 Delta R.T. 0.000 min
 Lab File: V22170816A01.D
 Acq: 16 Aug 2017 08:17 am

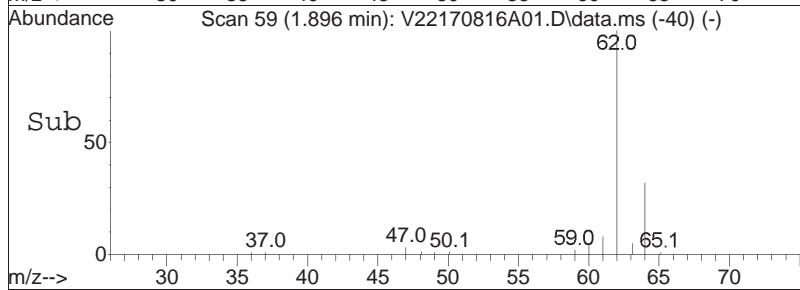
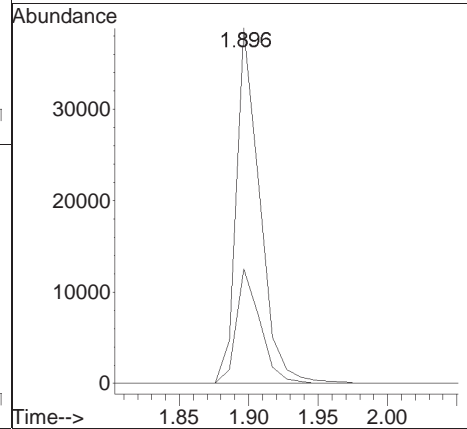
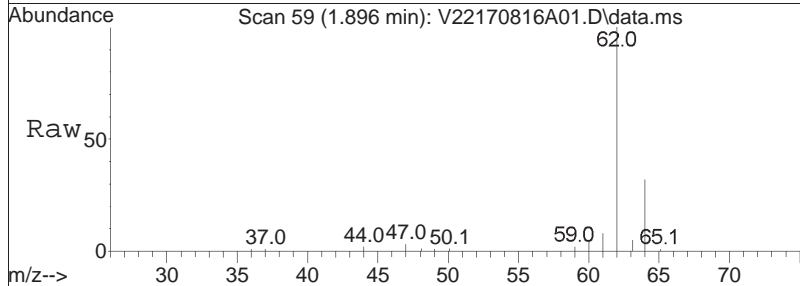
Tgt Ion:	Resp:	Lower	Upper
50	32907		
52	32.0	12.8	52.8

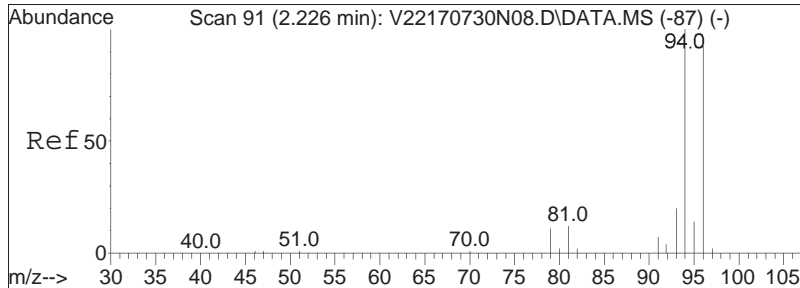




#4
 Vinyl chloride
 Concen: 11.49 ug/L
 RT: 1.896 min Scan# 59
 Delta R.T. 0.000 min
 Lab File: V22170816A01.D
 Acq: 16 Aug 2017 08:17 am

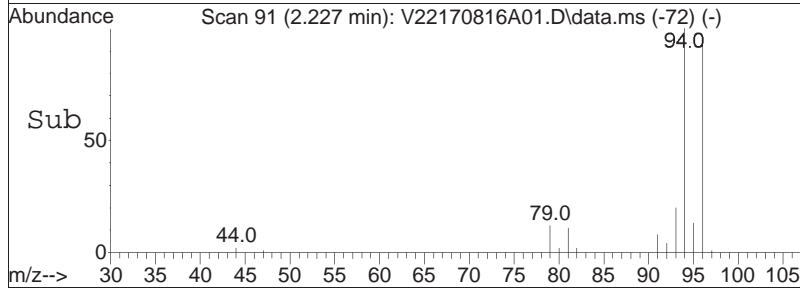
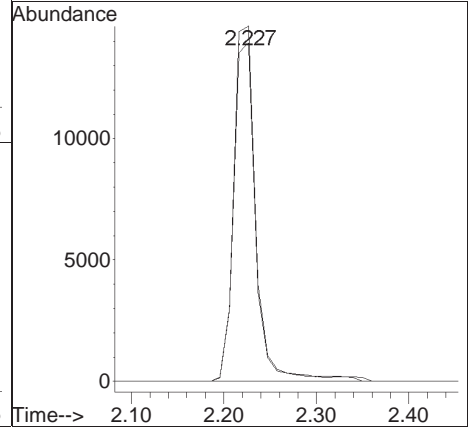
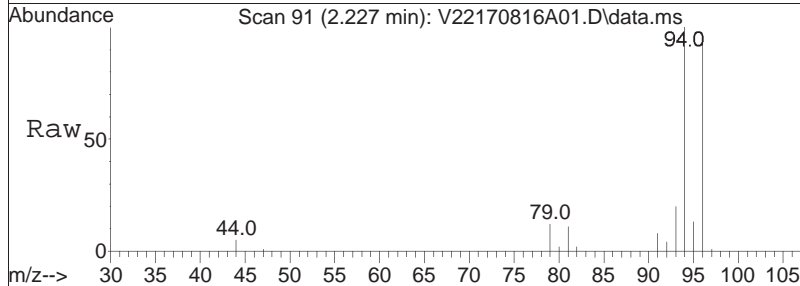
Tgt Ion:	62	64	Resp:	45841
Ion Ratio	100	32.5	Lower	Upper
			12.0	52.0

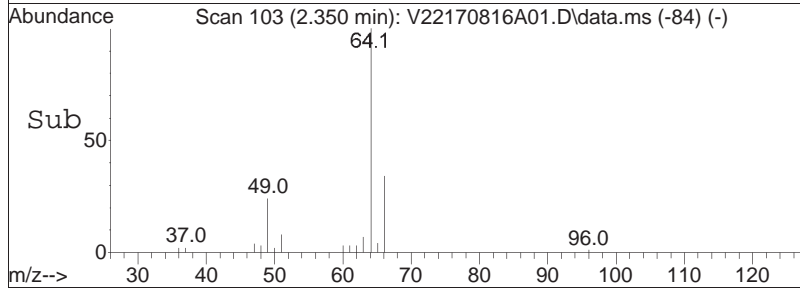
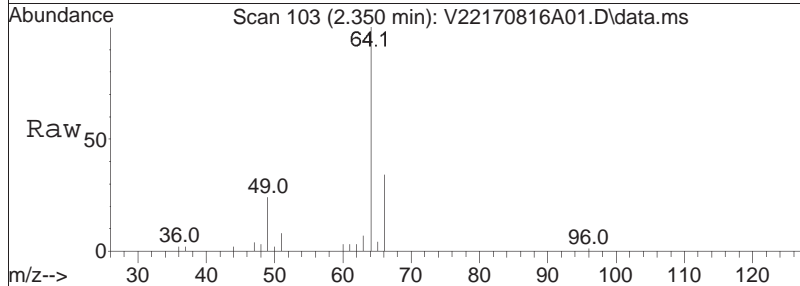
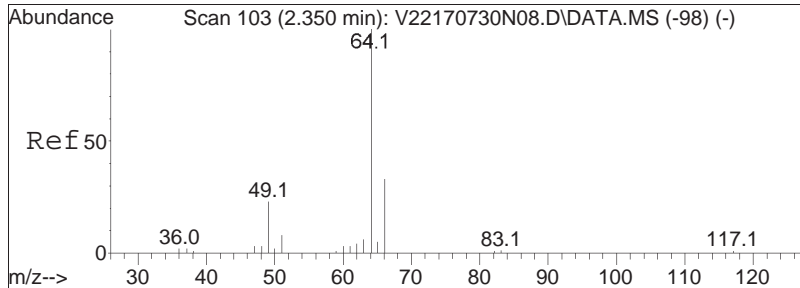




#5
 Bromomethane
 Concen: 9.40 ug/L
 RT: 2.227 min Scan# 91
 Delta R.T. 0.001 min
 Lab File: V22170816A01.D
 Acq: 16 Aug 2017 08:17 am

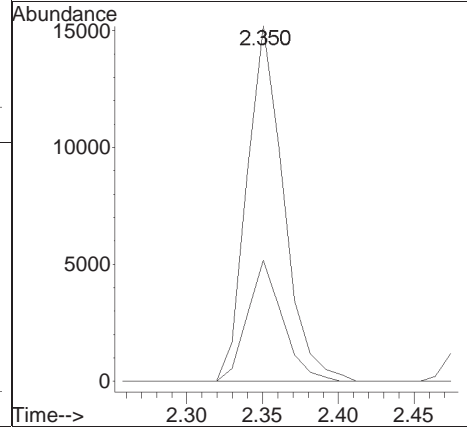
Tgt Ion: 94 Resp: 24547
 Ion Ratio Lower Upper
 94 100
 96 92.9 72.8 112.8

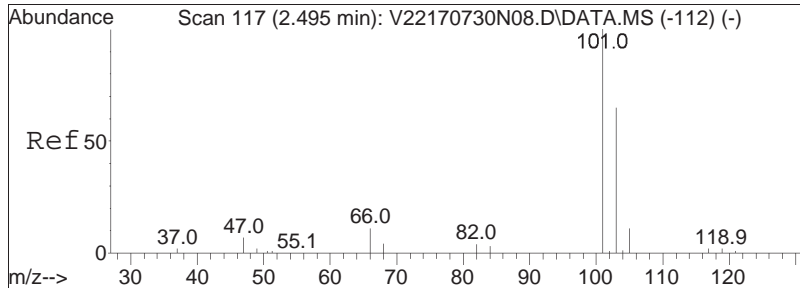




#6
 Chloroethane
 Concen: 10.67 ug/L
 RT: 2.350 min Scan# 103
 Delta R.T. 0.000 min
 Lab File: V22170816A01.D
 Acq: 16 Aug 2017 08:17 am

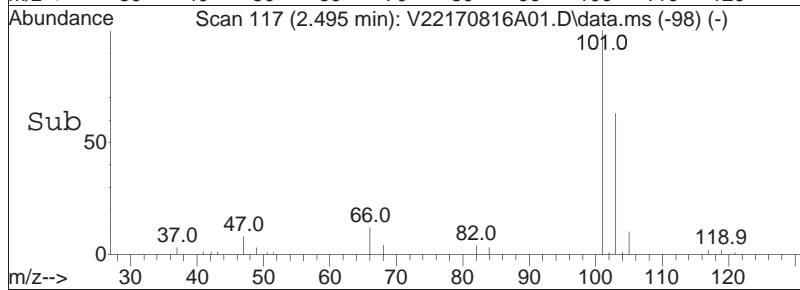
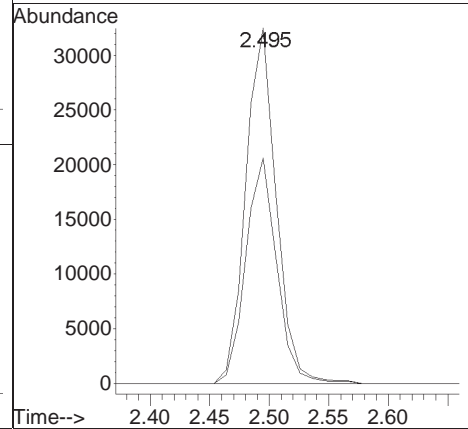
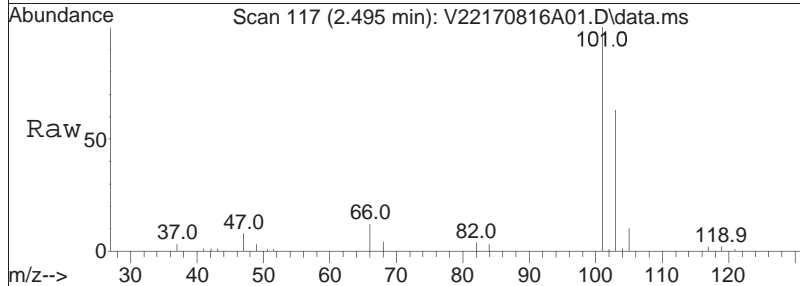
Tgt Ion:	64	Resp:	100	Lower	Upper
66	32.7	12.2	52.2		

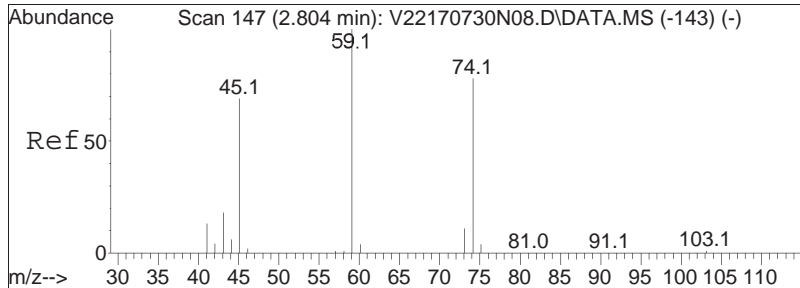




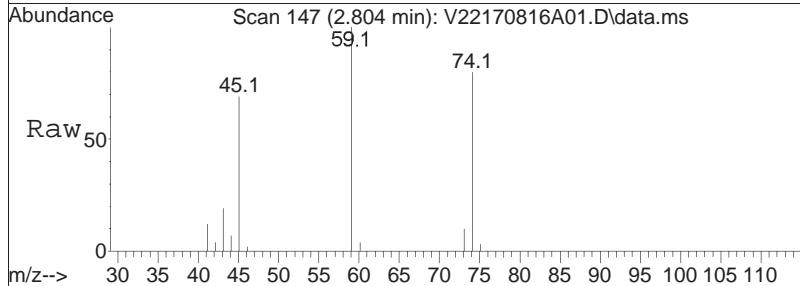
#7
 Trichlorofluoromethane
 Concen: 10.56 ug/L
 RT: 2.495 min Scan# 117
 Delta R.T. -0.000 min
 Lab File: V22170816A01.D
 Acq: 16 Aug 2017 08:17 am

Tgt Ion	Resp	Lower	Upper
101	57997		
103	64.4	51.6	77.4

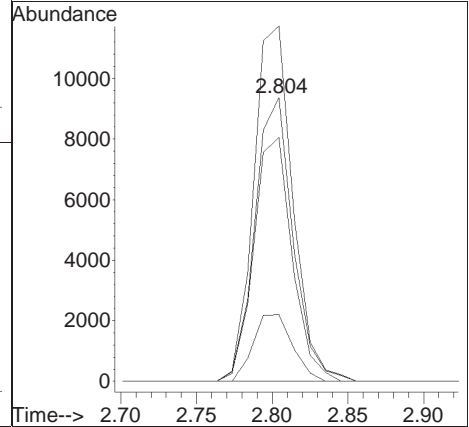
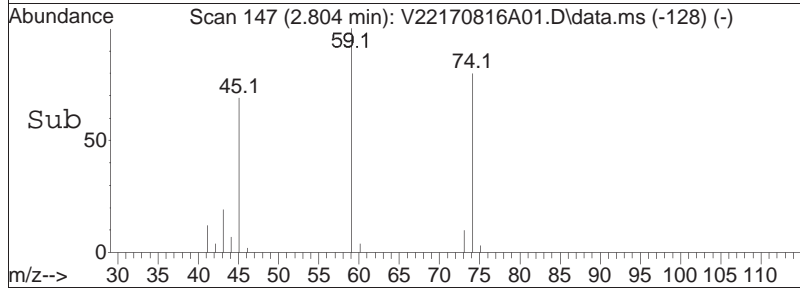


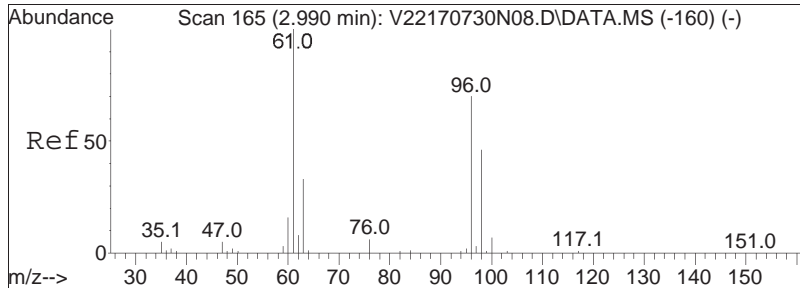


#8
 Ethyl ether
 Concen: 9.65 ug/L
 RT: 2.804 min Scan# 147
 Delta R.T. 0.000 min
 Lab File: V22170816A01.D
 Acq: 16 Aug 2017 08:17 am



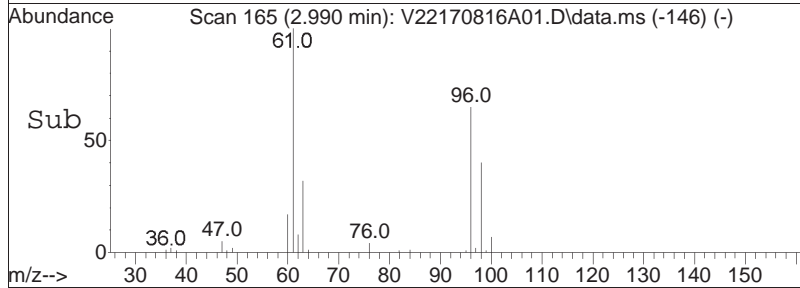
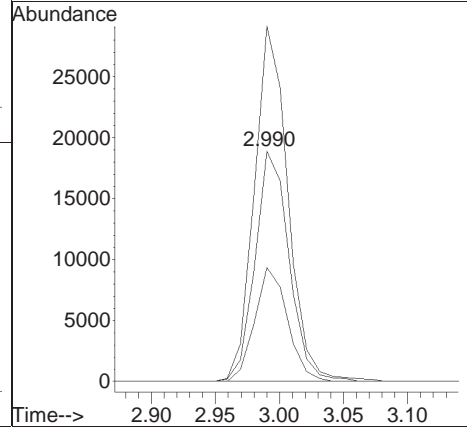
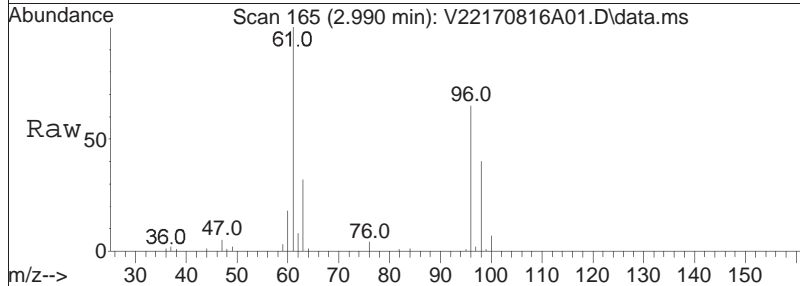
Tgt Ion:	Resp:	Lower	Upper
74	100		
59	128.2	2122.4	4408.0#
45	86.7	1435.1	2980.5#
43	24.3	407.9	847.3#

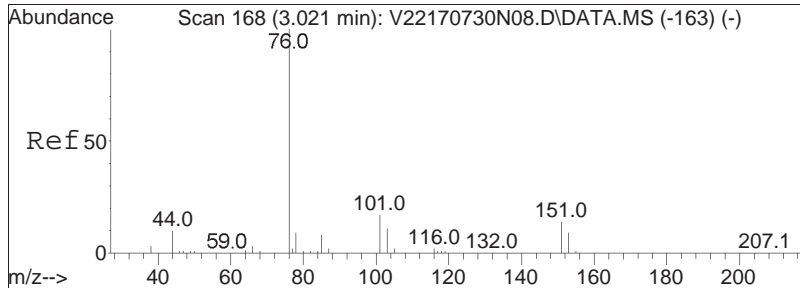




#10
 1,1-Dichloroethene
 Concen: 10.28 ug/L
 RT: 2.990 min Scan# 165
 Delta R.T. 0.000 min
 Lab File: V22170816A01.D
 Acq: 16 Aug 2017 08:17 am

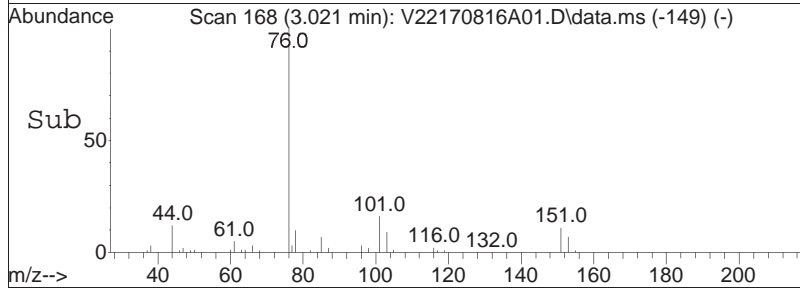
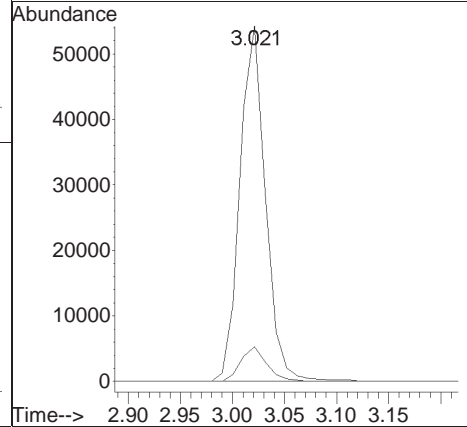
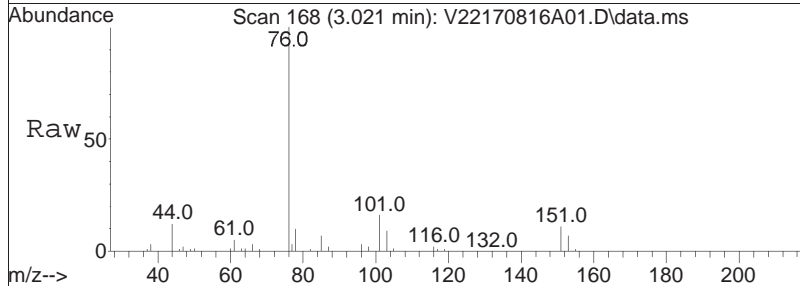
Tgt Ion	Resp	Lower	Upper
96	100		
61	152.4	117.0	175.4
63	47.7	37.8	56.6

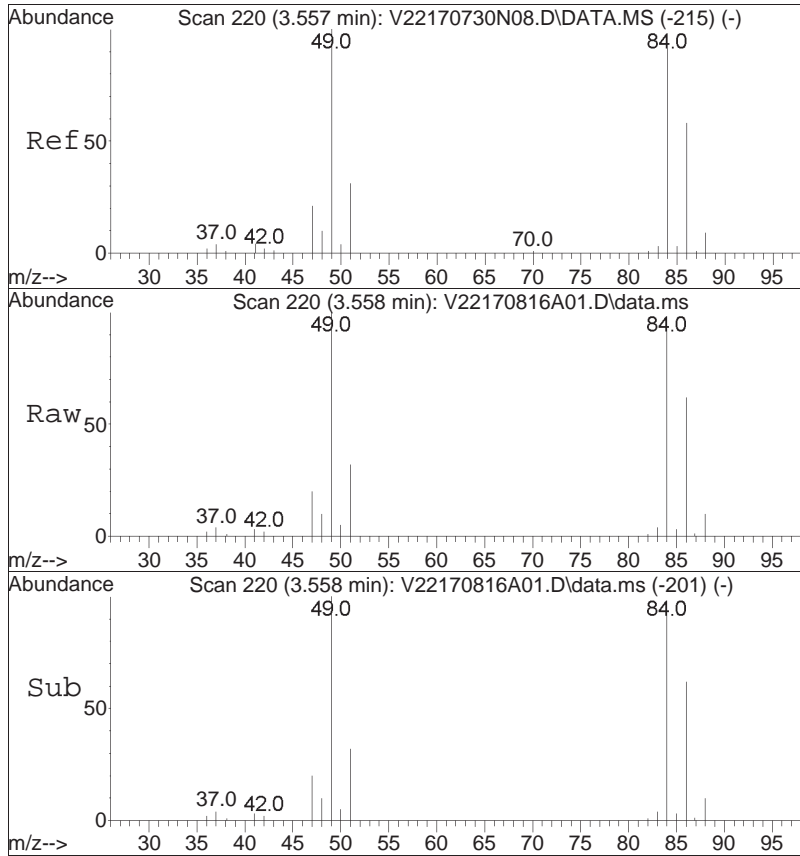




#11
 Carbon disulfide
 Concen: 10.65 ug/L
 RT: 3.021 min Scan# 168
 Delta R.T. 0.000 min
 Lab File: V22170816A01.D
 Acq: 16 Aug 2017 08:17 am

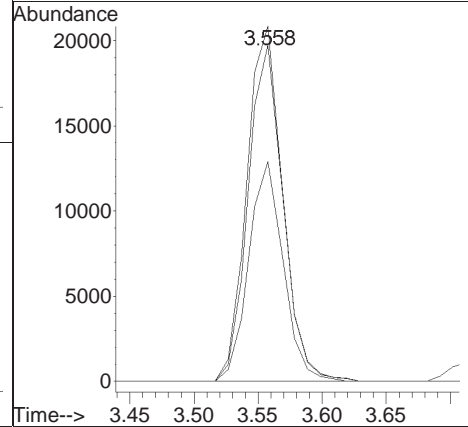
Tgt Ion:	76	78	Resp:	92784
Ion Ratio	100	9.9	Lower	Upper
			6.4	13.4

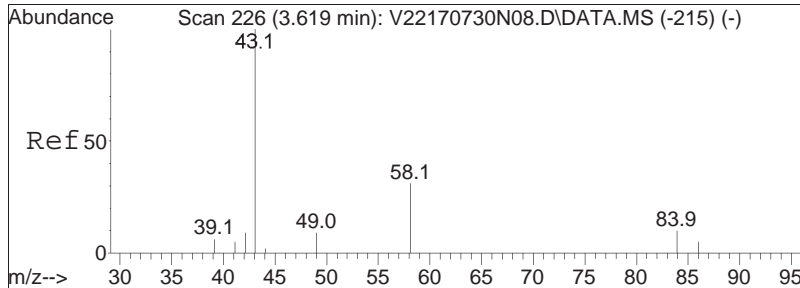




#15
 Methylene chloride
 Concen: 10.39 ug/L
 RT: 3.558 min Scan# 220
 Delta R.T. 0.001 min
 Lab File: V22170816A01.D
 Acq: 16 Aug 2017 08:17 am

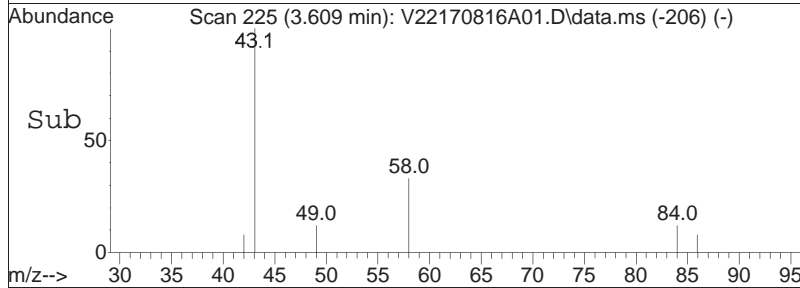
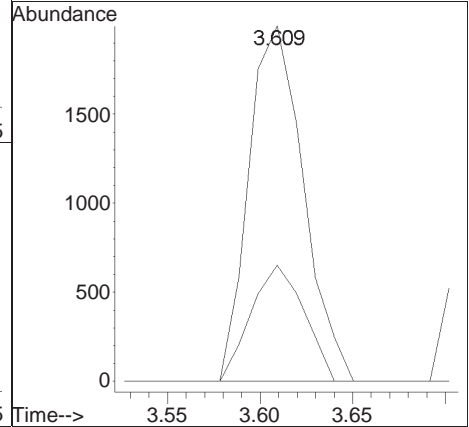
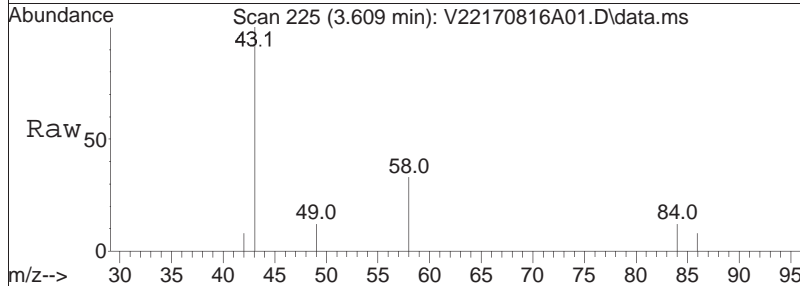
Tgt Ion:	84	Resp:	37555
Ion Ratio	Lower	Upper	
84	100		
86	64.5	41.5	86.3
49	108.2	68.8	143.0

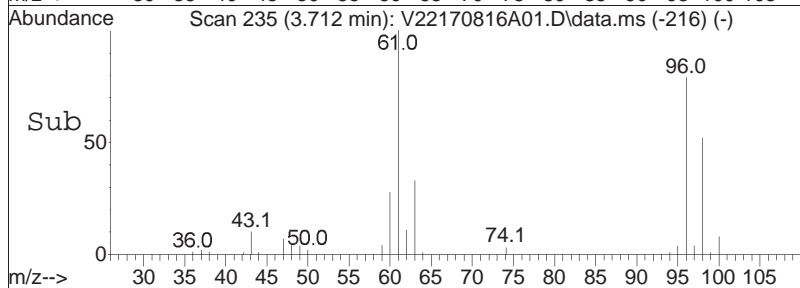
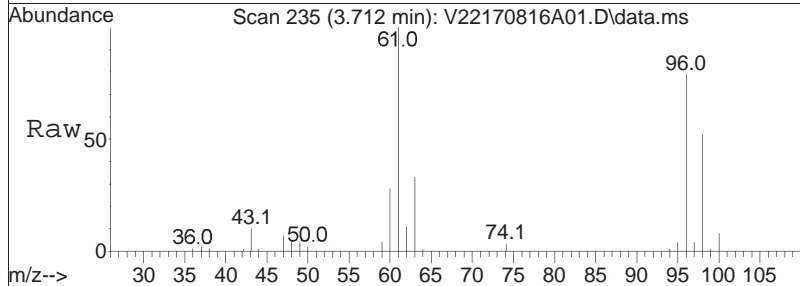
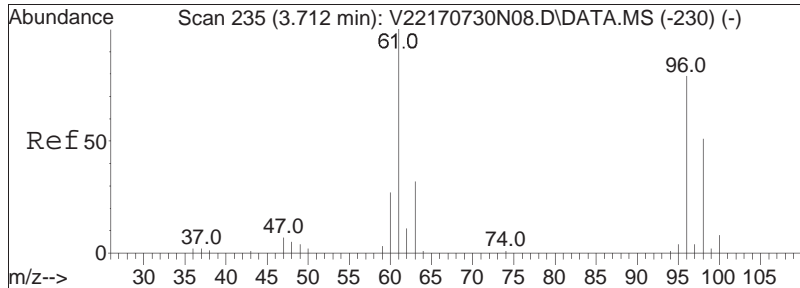




#17
 Acetone
 Concen: 9.39 ug/L
 RT: 3.609 min Scan# 225
 Delta R.T. 0.000 min
 Lab File: V22170816A01.D
 Acq: 16 Aug 2017 08:17 am

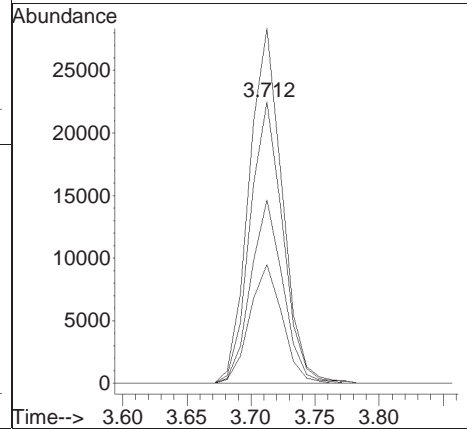
Tgt Ion	Resp	Lower	Upper
43	100		
58	31.7	23.1	34.7

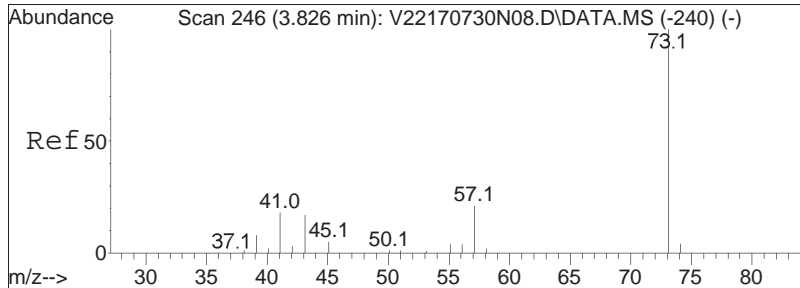




#18
 trans-1,2-Dichloroethene
 Concen: 10.27 ug/L
 RT: 3.712 min Scan# 235
 Delta R.T. 0.000 min
 Lab File: V22170816A01.D
 Acq: 16 Aug 2017 08:17 am

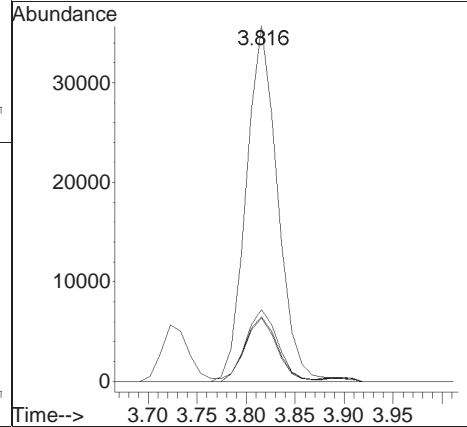
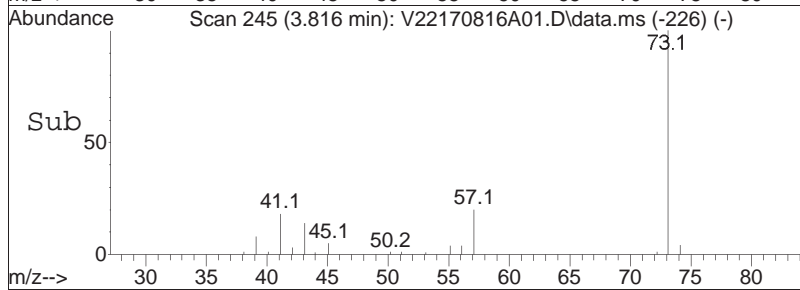
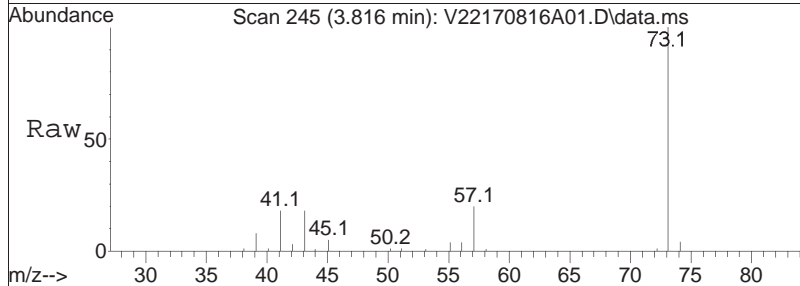
Tgt Ion	Resp	Lower	Upper
96	40242		
61	127.2	81.6	169.6
98	63.9	41.8	86.8
63	41.9	26.3	54.7

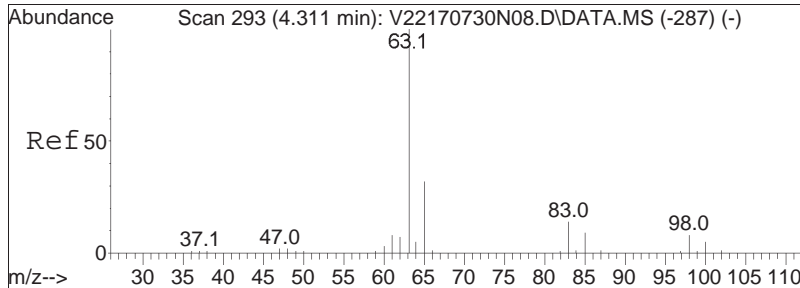




#21
 Methyl tert-butyl ether
 Concen: 9.50 ug/L
 RT: 3.816 min Scan# 245
 Delta R.T. 0.001 min
 Lab File: V22170816A01.D
 Acq: 16 Aug 2017 08:17 am

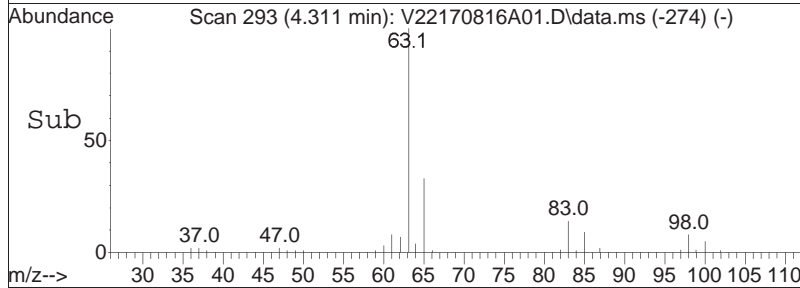
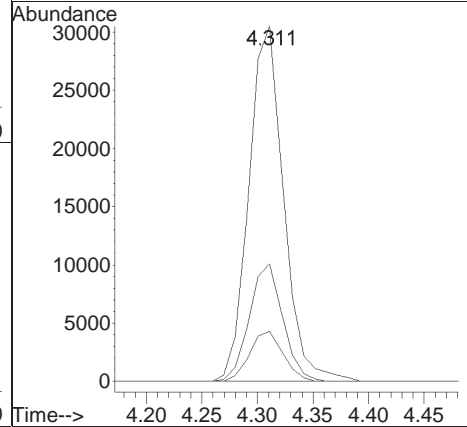
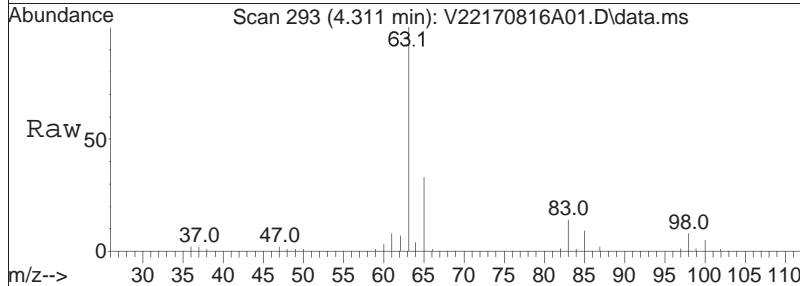
Tgt Ion:	Resp:	Lower	Upper
73	100		
57	20.6	13.6	28.2
43	18.9	12.7	26.5
41	18.0	11.4	23.8

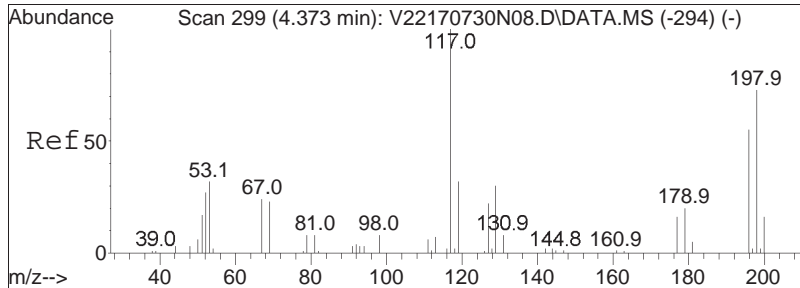




#25
 1,1-Dichloroethane
 Concen: 10.72 ug/L
 RT: 4.311 min Scan# 293
 Delta R.T. -0.000 min
 Lab File: V22170816A01.D
 Acq: 16 Aug 2017 08:17 am

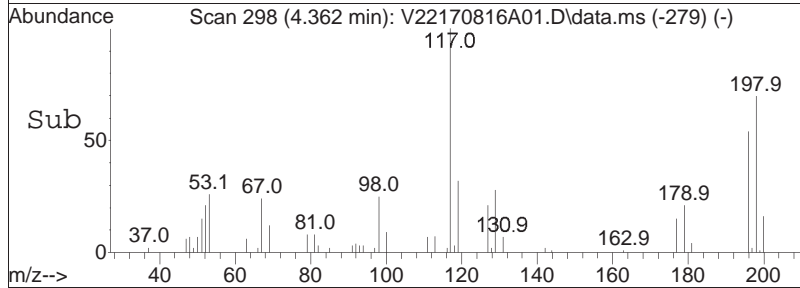
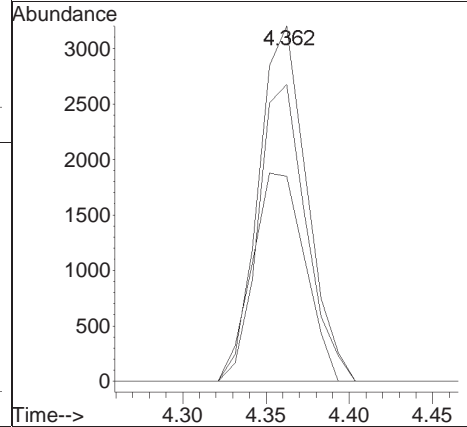
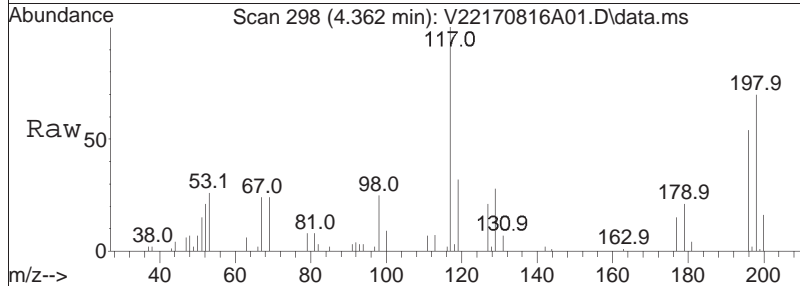
Tgt Ion:	Resp:		
Ion	Ratio	Lower	Upper
63	100		
65	31.9	11.9	51.9
83	13.6	0.0	34.2

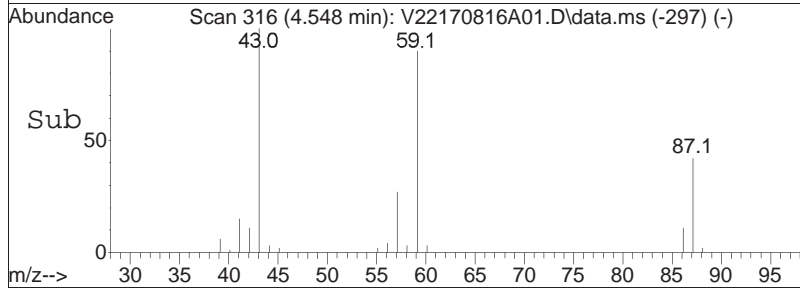
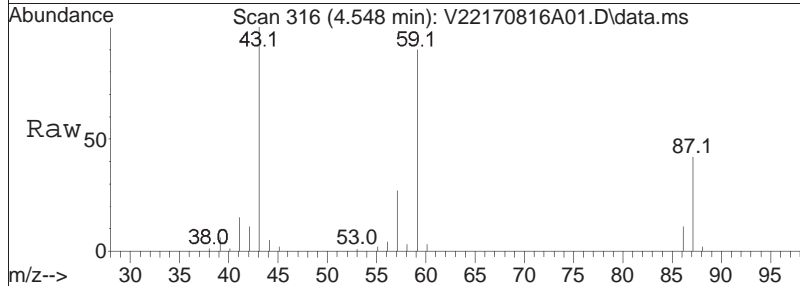
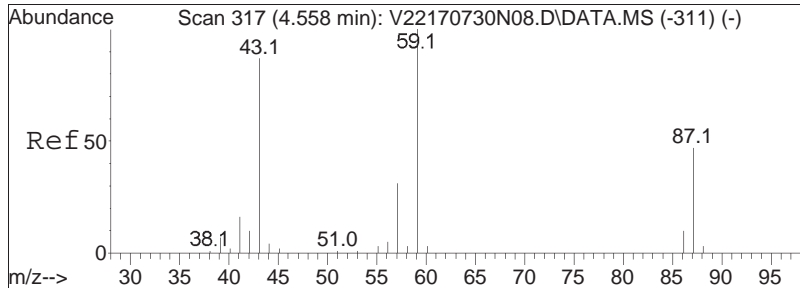




#27
 Acrylonitrile
 Concen: 10.44 ug/L
 RT: 4.362 min Scan# 298
 Delta R.T. 0.000 min
 Lab File: V22170816A01.D
 Acq: 16 Aug 2017 08:17 am

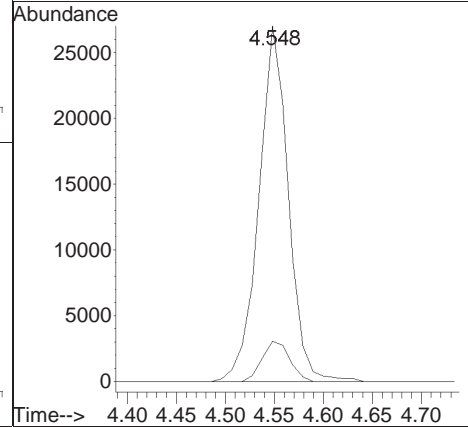
Tgt Ion:	Resp:		
Ion	Ratio	Lower	Upper
53	100		
52	82.5	63.8	95.8
51	63.9	50.2	75.4

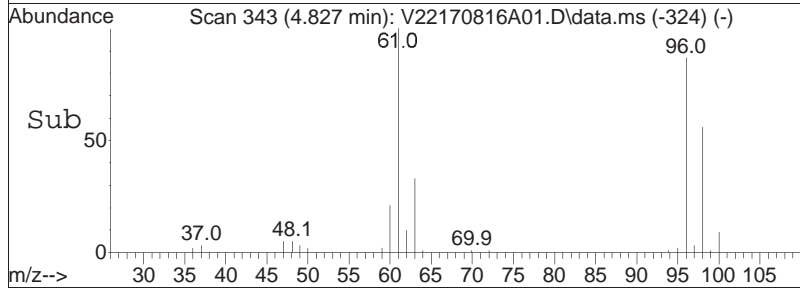
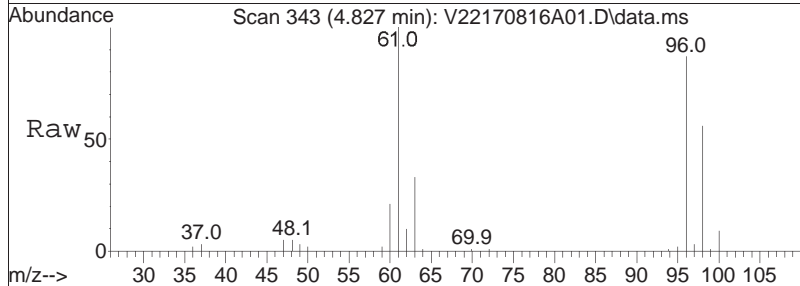
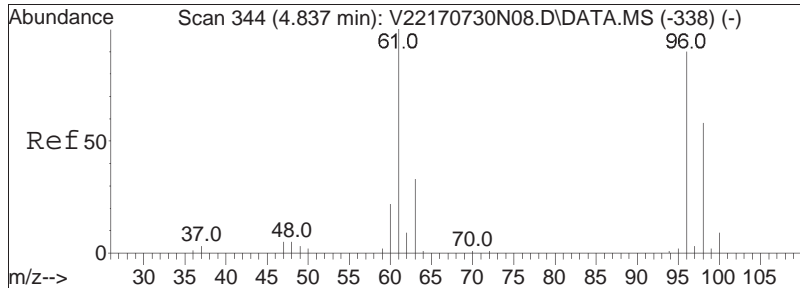




#29
 Vinyl acetate
 Concen: 9.88 ug/L
 RT: 4.548 min Scan# 316
 Delta R.T. 0.000 min
 Lab File: V22170816A01.D
 Acq: 16 Aug 2017 08:17 am

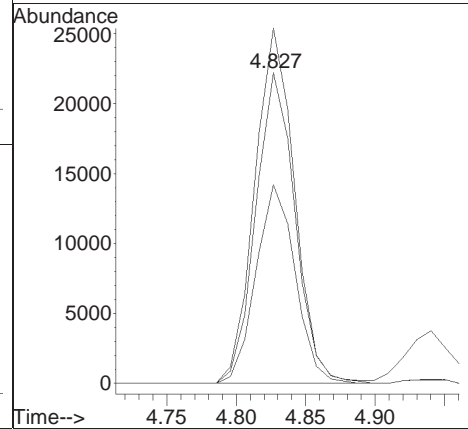
Tgt Ion:	43	Resp:	56330
Ion Ratio	Lower	Upper	
43	100		
86	10.6	8.9	13.3

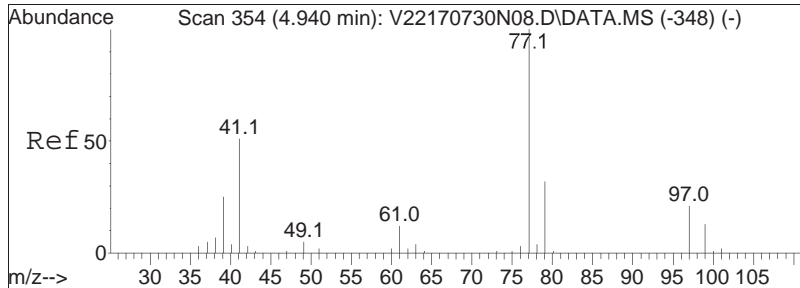




#30
 cis-1,2-Dichloroethene
 Concen: 10.39 ug/L
 RT: 4.827 min Scan# 343
 Delta R.T. -0.000 min
 Lab File: V22170816A01.D
 Acq: 16 Aug 2017 08:17 am

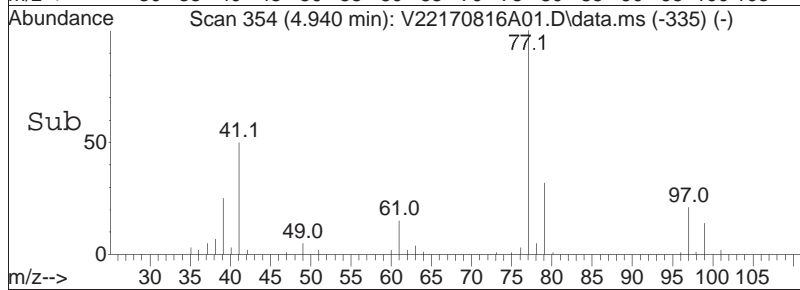
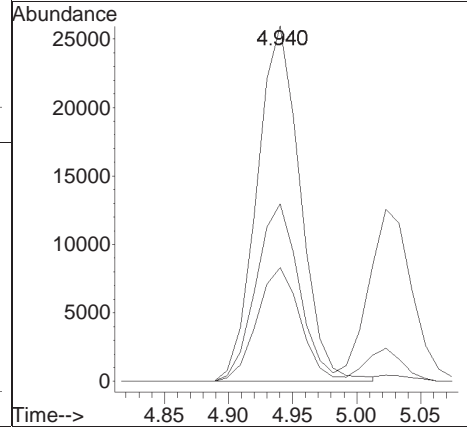
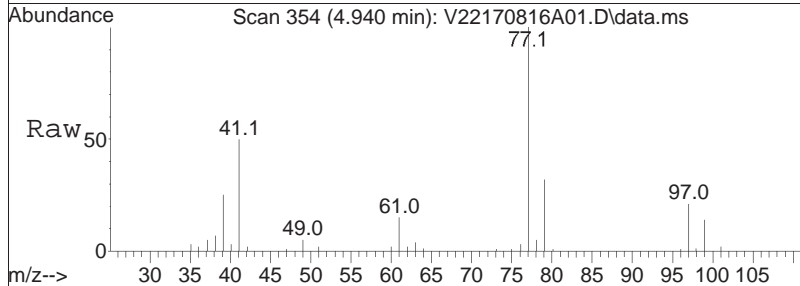
Tgt Ion	Resp	Lower	Upper
96	43658		
96	100		
61	115.7	90.3	135.5
98	64.0	50.8	76.2

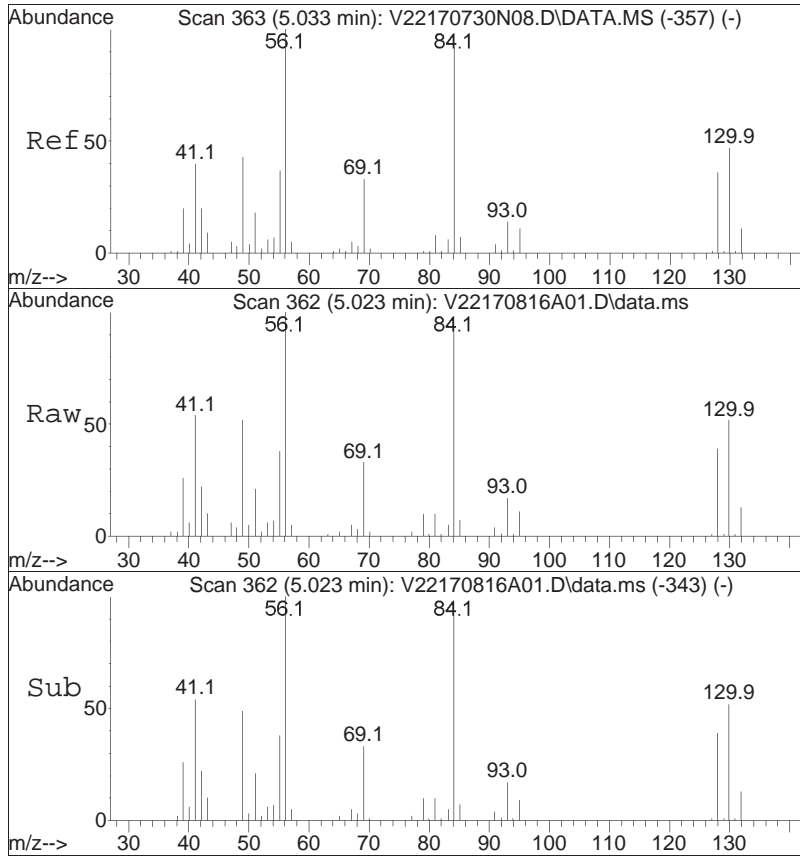




#31
 2,2-Dichloropropane
 Concen: 11.38 ug/L
 RT: 4.940 min Scan# 354
 Delta R.T. 0.000 min
 Lab File: V22170816A01.D
 Acq: 16 Aug 2017 08:17 am

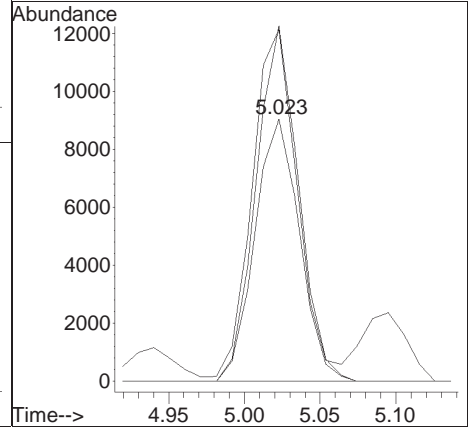
Tgt Ion	Resp	Lower	Upper
77	100		
41	49.6	32.3	67.1
79	32.2	21.1	43.7

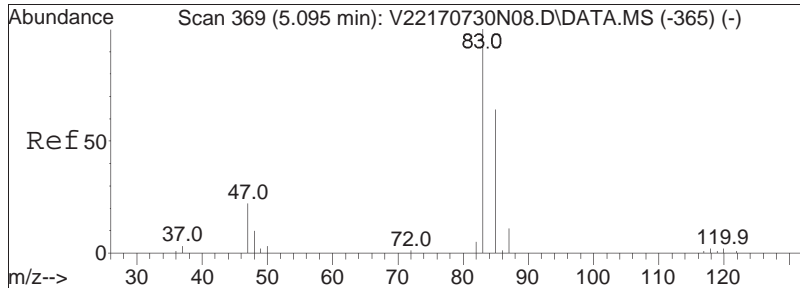




#32
 Bromochloromethane
 Concen: 10.50 ug/L
 RT: 5.023 min Scan# 362
 Delta R.T. -0.000 min
 Lab File: V22170816A01.D
 Acq: 16 Aug 2017 08:17 am

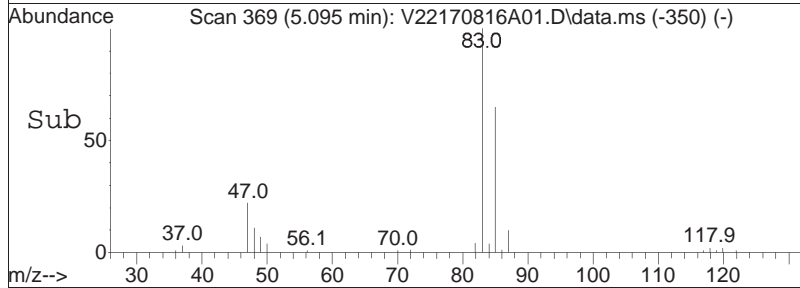
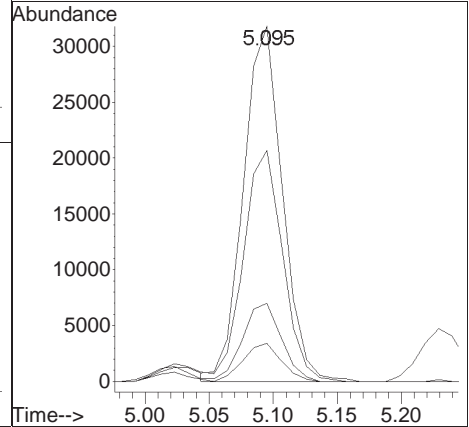
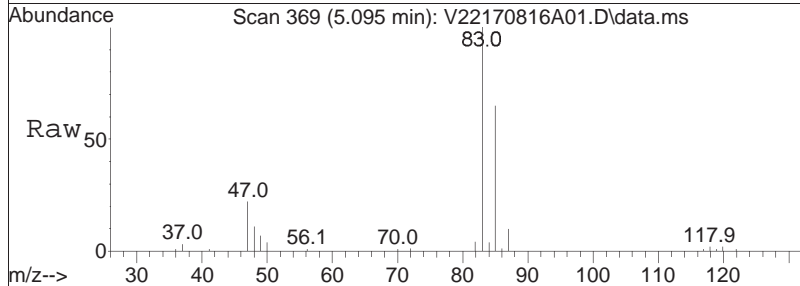
Tgt Ion	Resp	Lower	Upper
128	18582		
128	100		
49	136.6	104.4	156.6
130	128.6	103.9	155.9

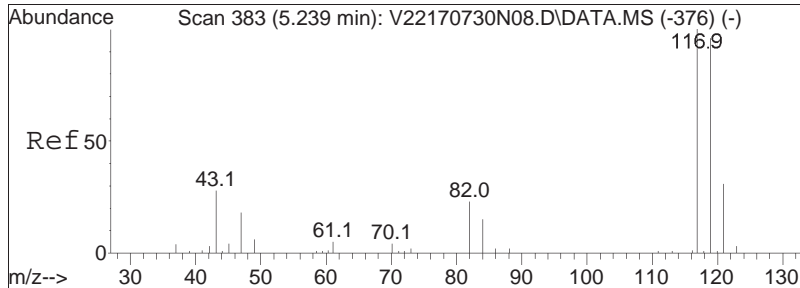




#34
 Chloroform
 Concen: 10.46 ug/L
 RT: 5.095 min Scan# 369
 Delta R.T. -0.000 min
 Lab File: V22170816A01.D
 Acq: 16 Aug 2017 08:17 am

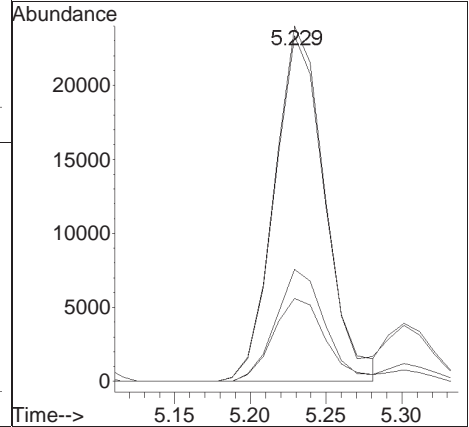
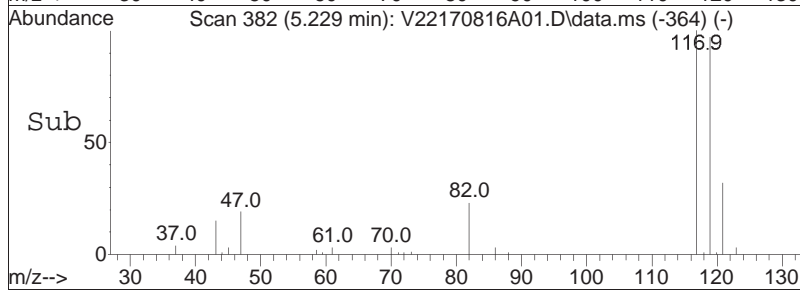
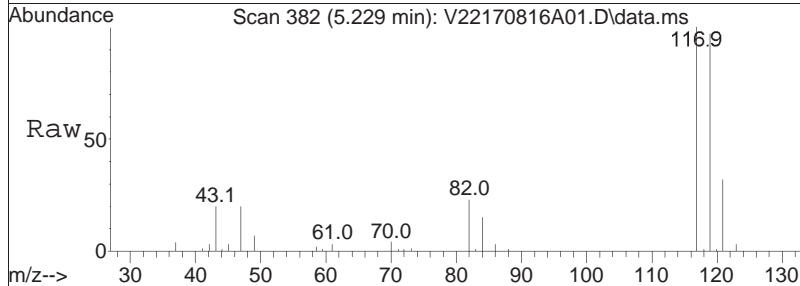
Tgt Ion	Resp	Lower	Upper
83	100		
85	65.0	42.4	88.2
47	21.9	14.0	29.0
48	10.5	6.9	14.3

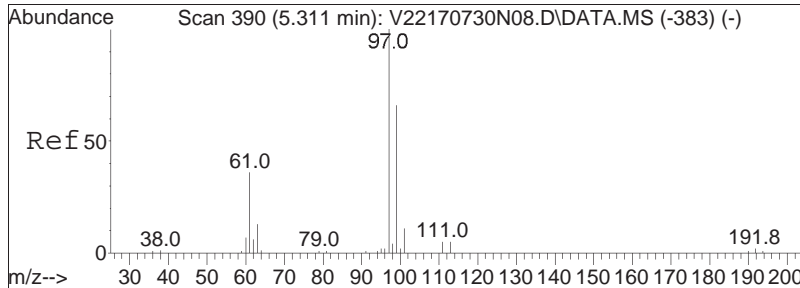




#36
 Carbon tetrachloride
 Concen: 10.96 ug/L
 RT: 5.229 min Scan# 382
 Delta R.T. -0.010 min
 Lab File: V22170816A01.D
 Acq: 16 Aug 2017 08:17 am

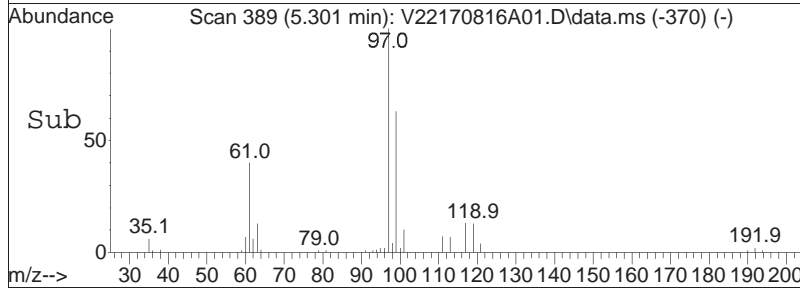
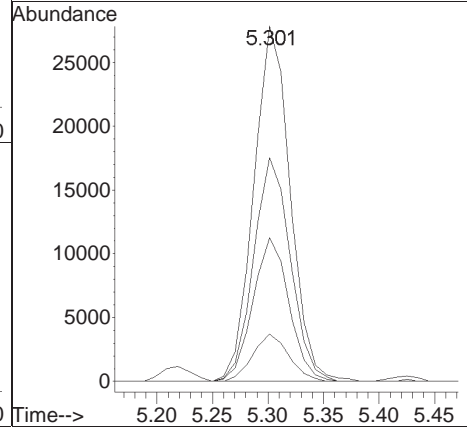
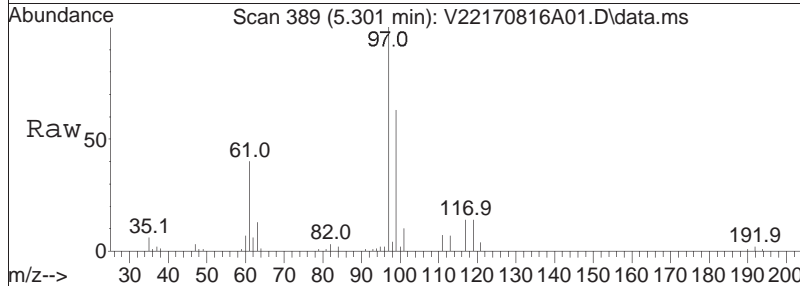
Tgt Ion	Resp	Lower	Upper
117	100		
119	97.2	62.1	129.1
121	30.7	20.3	42.3
82	24.5	15.4	32.0

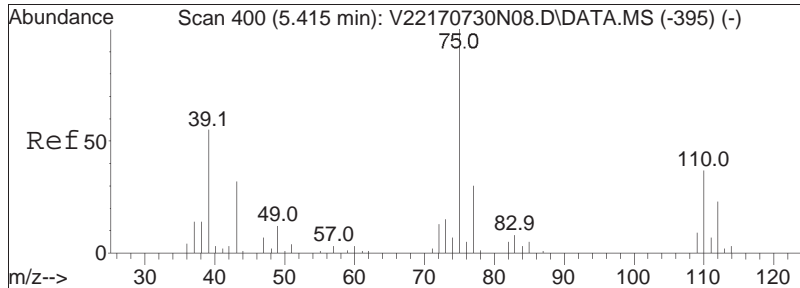




#39
 1,1,1-Trichloroethane
 Concen: 10.38 ug/L
 RT: 5.301 min Scan# 389
 Delta R.T. 0.000 min
 Lab File: V22170816A01.D
 Acq: 16 Aug 2017 08:17 am

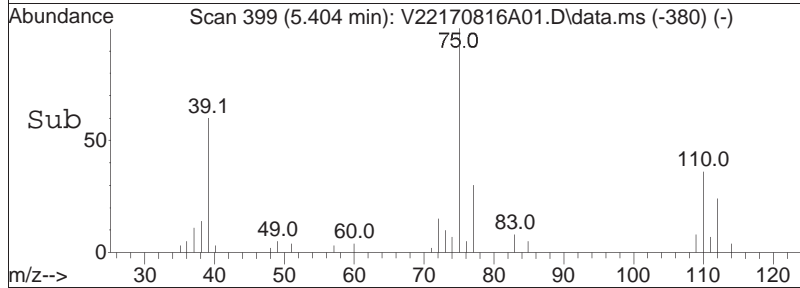
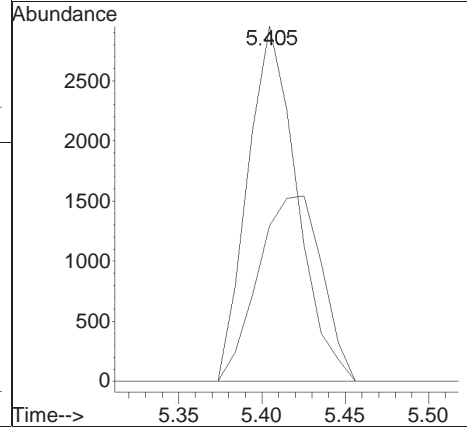
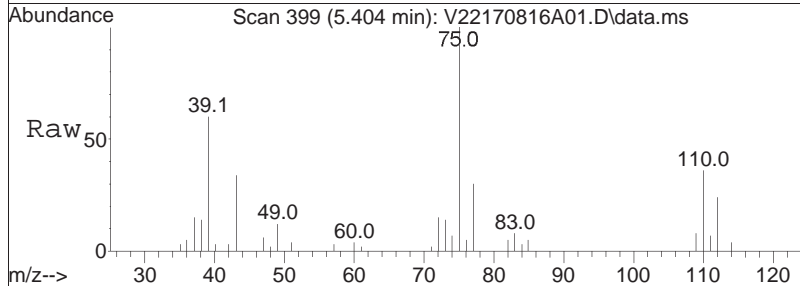
Tgt Ion	Resp	Lower	Upper
97	100		
99	63.6	42.4	88.0
61	40.2	26.0	54.0
63	13.2	8.3	17.3

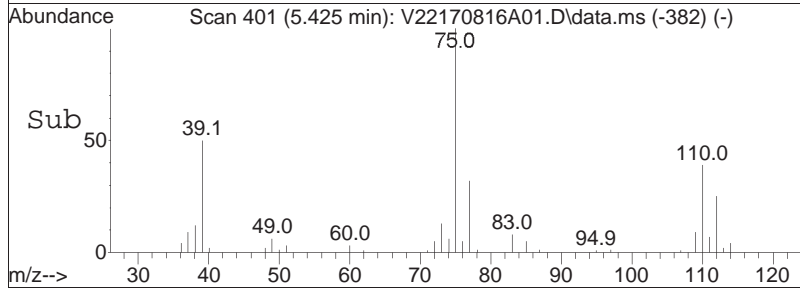
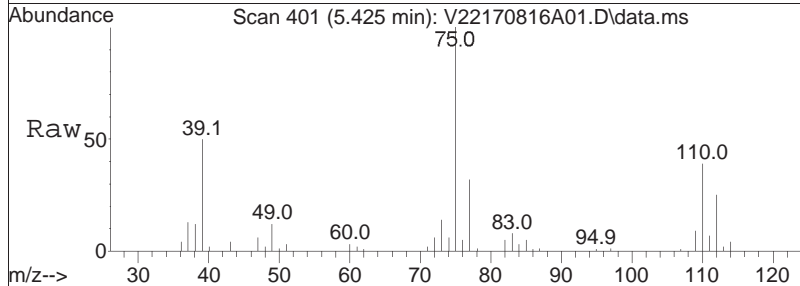
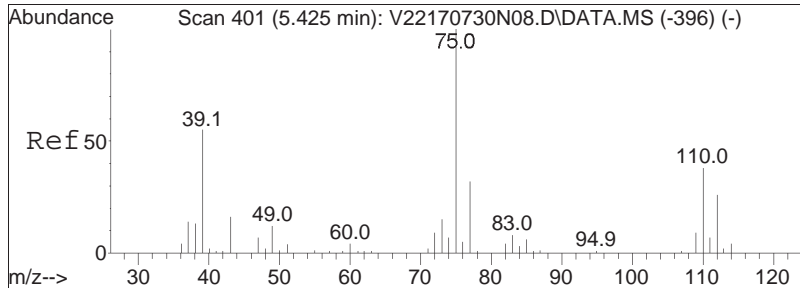




#41
 2-Butanone
 Concen: 9.52 ug/L
 RT: 5.404 min Scan# 399
 Delta R.T. 0.000 min
 Lab File: V22170816A01.D
 Acq: 16 Aug 2017 08:17 am

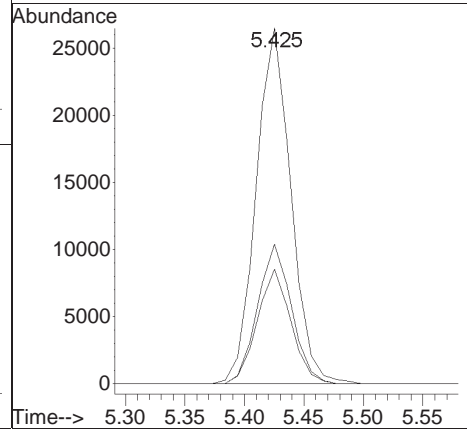
Tgt Ion: 43 Resp: 6074
 Ion Ratio Lower Upper
 43 100
 72 67.6 45.8 68.8

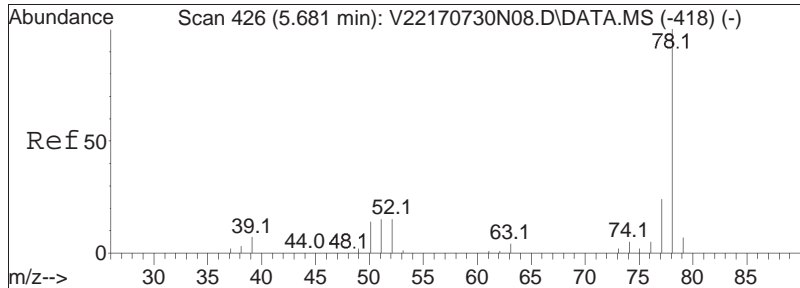




#42
 1,1-Dichloropropene
 Concen: 10.62 ug/L
 RT: 5.425 min Scan# 401
 Delta R.T. 0.000 min
 Lab File: V22170816A01.D
 Acq: 16 Aug 2017 08:17 am

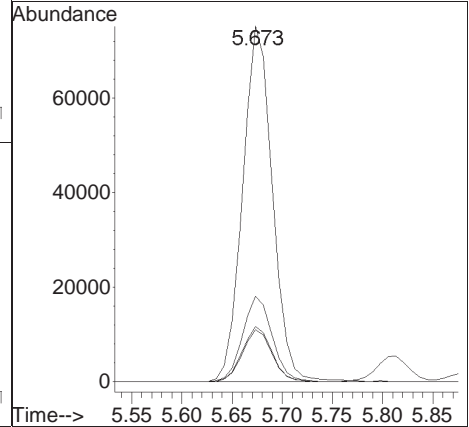
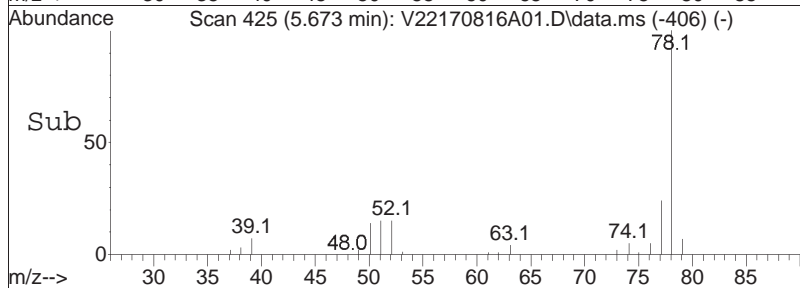
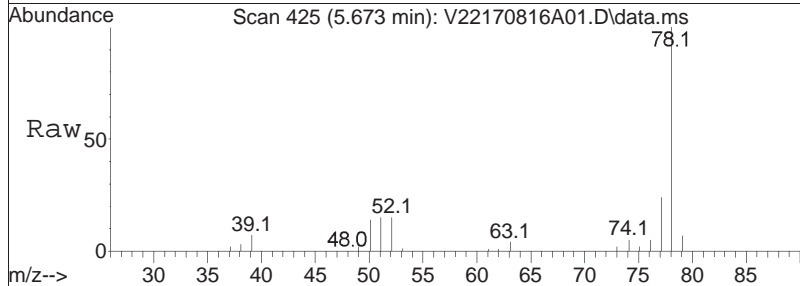
Tgt Ion	Resp	Lower	Upper
75	53680		
110	38.1	25.4	52.8
77	31.0	20.3	42.1

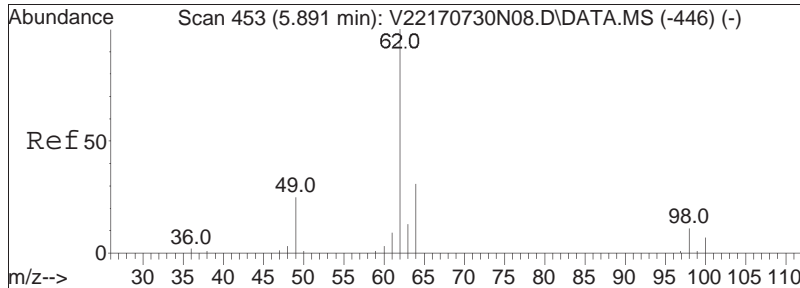




#44
 Benzene
 Concen: 10.24 ug/L
 RT: 5.673 min Scan# 425
 Delta R.T. -0.008 min
 Lab File: V22170816A01.D
 Acq: 16 Aug 2017 08:17 am

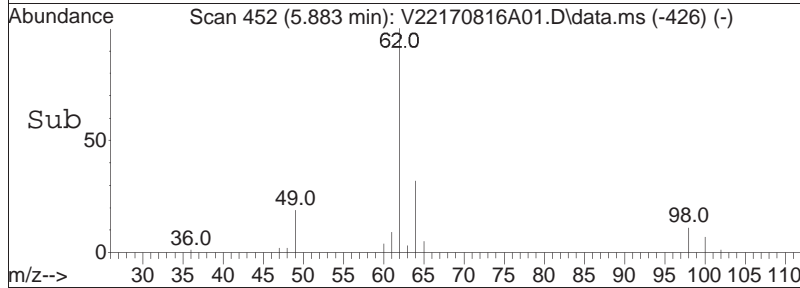
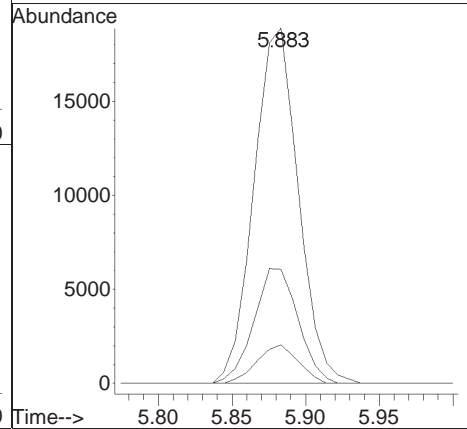
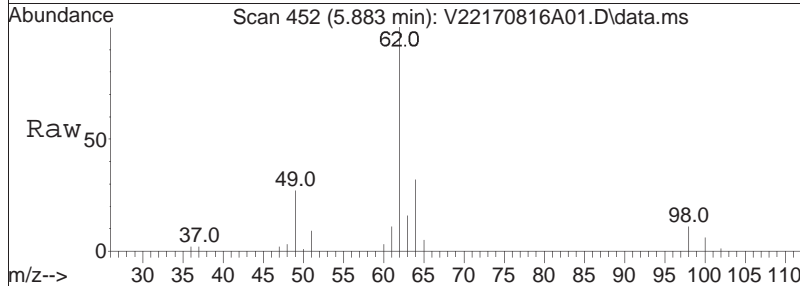
Tgt Ion	Resp	Lower	Upper
78	154687		
77	23.7	15.4	32.0
51	15.2	9.8	20.4
52	14.3	9.2	19.2

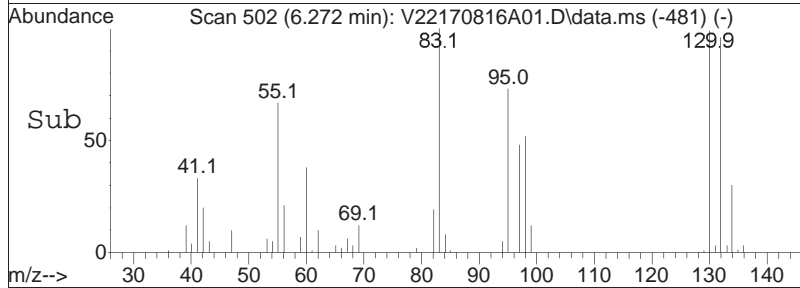
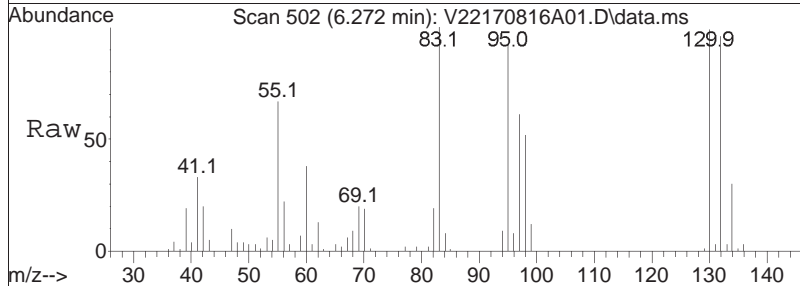
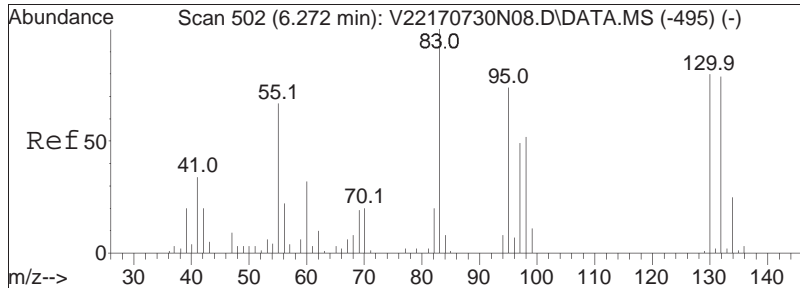




#47
 1,2-Dichloroethane
 Concen: 10.11 ug/L
 RT: 5.883 min Scan# 452
 Delta R.T. 0.000 min
 Lab File: V22170816A01.D
 Acq: 16 Aug 2017 08:17 am

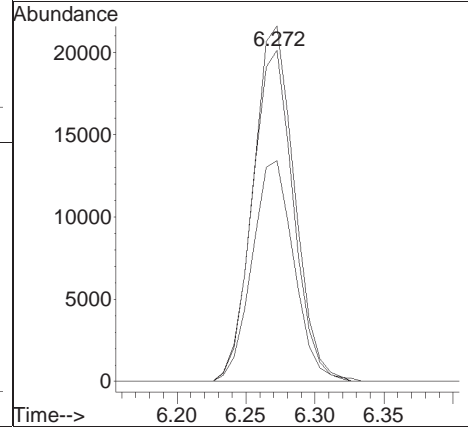
Tgt Ion	Resp	Lower	Upper
62	100		
64	32.2	12.3	52.3
98	10.1	0.0	30.3

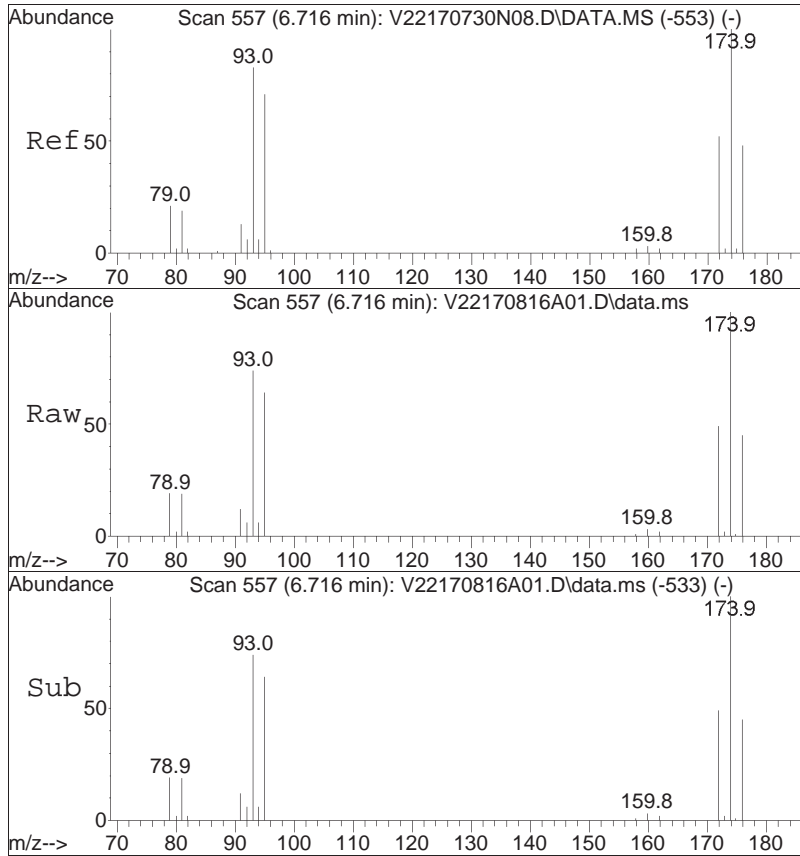




#51
 Trichloroethene
 Concen: 10.67 ug/L
 RT: 6.272 min Scan# 502
 Delta R.T. 0.000 min
 Lab File: V22170816A01.D
 Acq: 16 Aug 2017 08:17 am

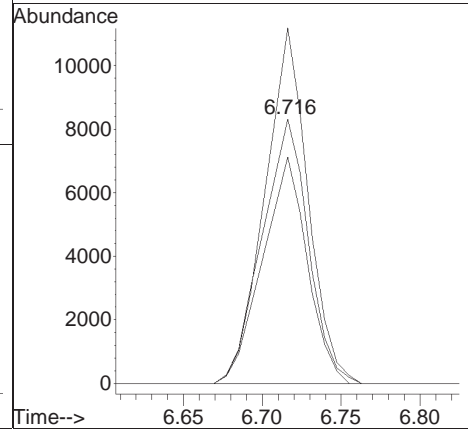
Tgt Ion	Resp	Lower	Upper
95	100		
97	67.8	55.0	82.4
130	107.9	89.2	133.8

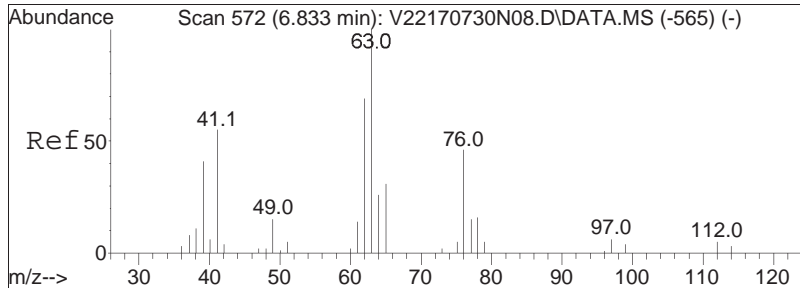




#53
 Dibromomethane
 Concen: 9.35 ug/L
 RT: 6.716 min Scan# 557
 Delta R.T. 0.000 min
 Lab File: V22170816A01.D
 Acq: 16 Aug 2017 08:17 am

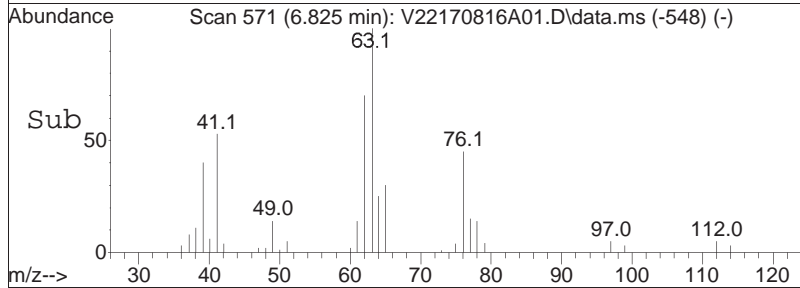
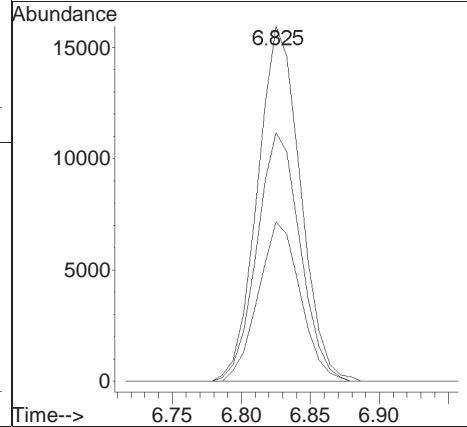
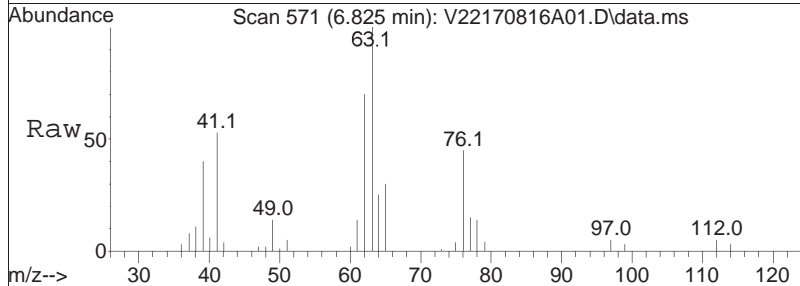
Tgt Ion	Resp	Lower	Upper
93	13587		
95	83.4	68.0	102.0
174	125.8	106.1	159.1

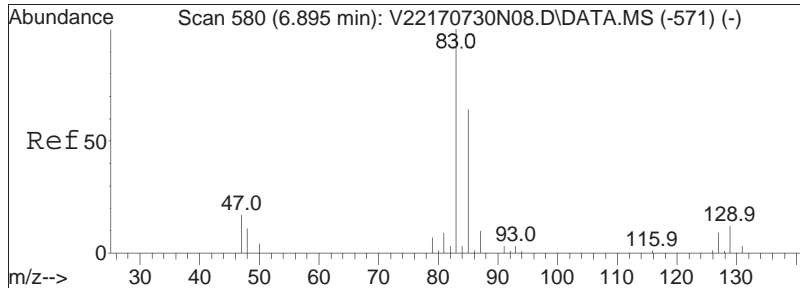




#54
 1,2-Dichloropropane
 Concen: 10.51 ug/L
 RT: 6.825 min Scan# 571
 Delta R.T. -0.008 min
 Lab File: V22170816A01.D
 Acq: 16 Aug 2017 08:17 am

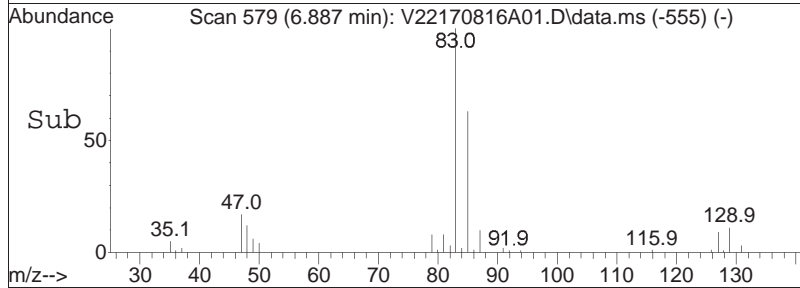
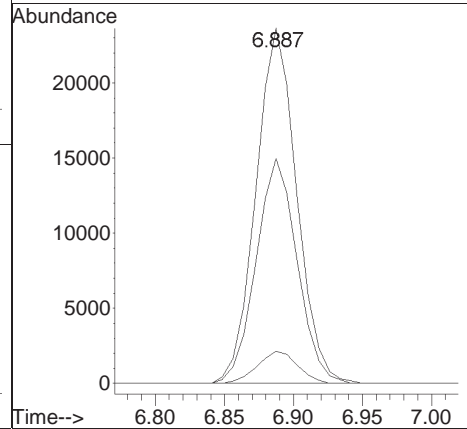
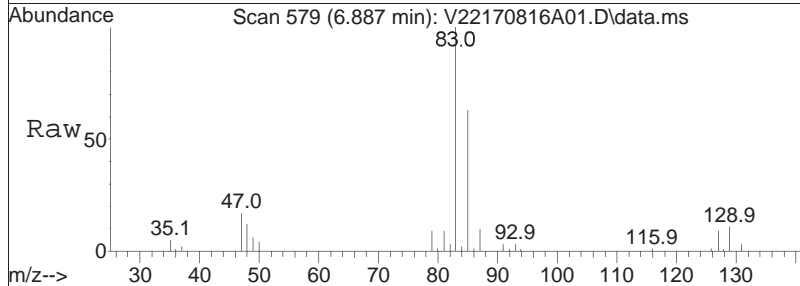
Tgt Ion	Resp	Lower	Upper
63	100		
62	70.5	56.9	85.3
76	44.1	35.8	53.8

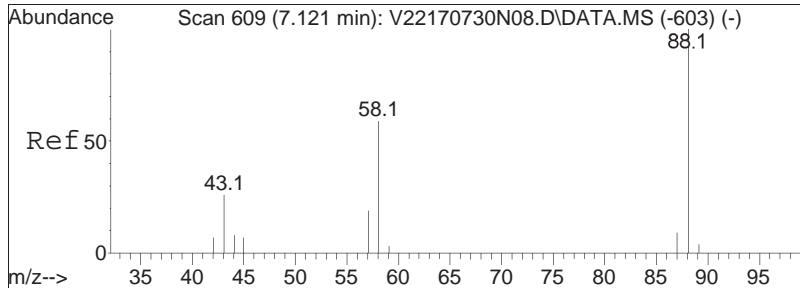




#57
 Bromodichloromethane
 Concen: 9.92 ug/L
 RT: 6.887 min Scan# 579
 Delta R.T. 0.000 min
 Lab File: V22170816A01.D
 Acq: 16 Aug 2017 08:17 am

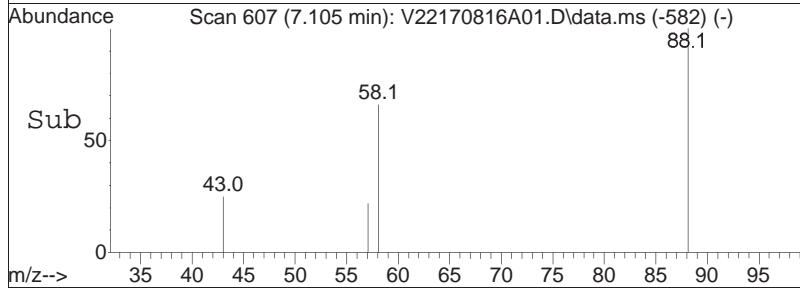
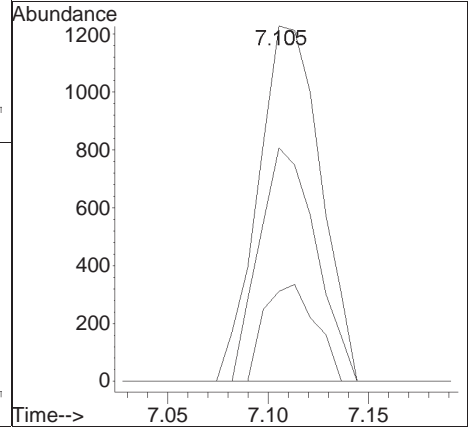
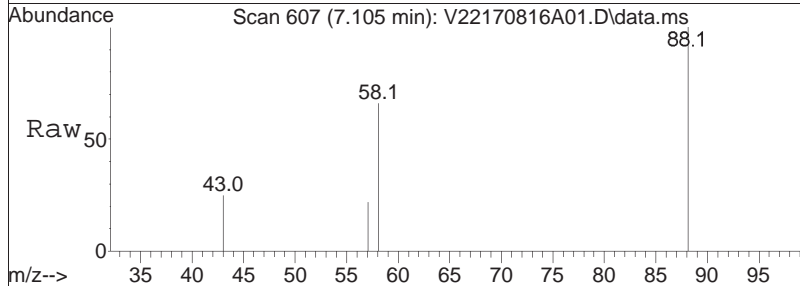
Tgt Ion	Resp	Lower	Upper
83	100		
85	63.7	51.6	77.4
127	8.9	7.4	11.0

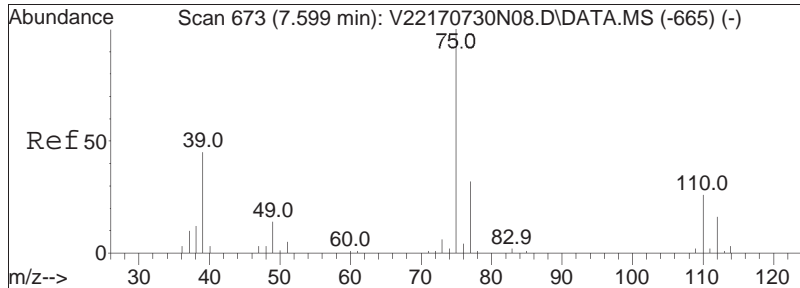




#60
 1,4-Dioxane
 Concen: 451.94 ug/L
 RT: 7.105 min Scan# 607
 Delta R.T. -0.008 min
 Lab File: V22170816A01.D
 Acq: 16 Aug 2017 08:17 am

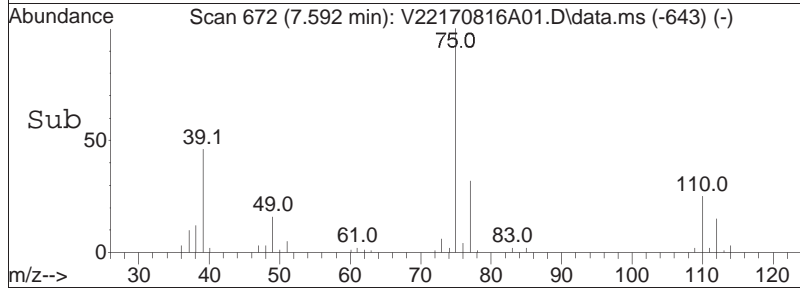
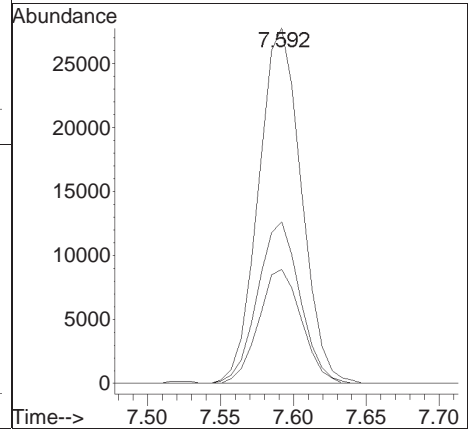
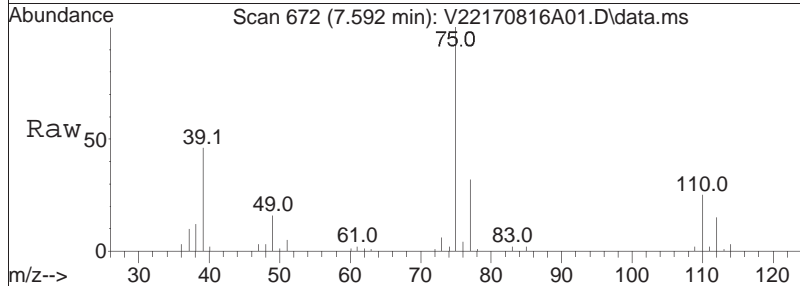
Tgt Ion:	Resp:		
Ion Ratio	Lower	Upper	
88	100		
58	60.0	43.3	64.9
43	22.4	15.1	22.7

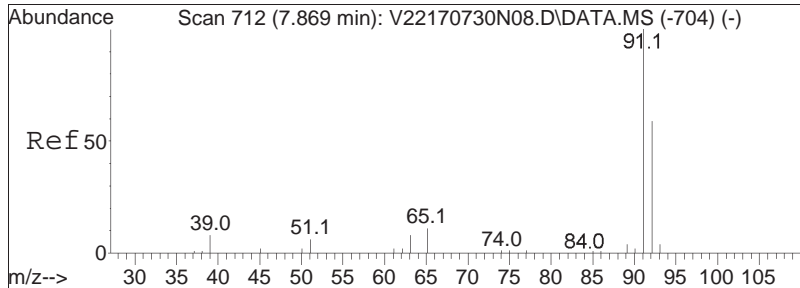




#61
 cis-1,3-Dichloropropene
 Concen: 10.04 ug/L
 RT: 7.592 min Scan# 672
 Delta R.T. -0.000 min
 Lab File: V22170816A01.D
 Acq: 16 Aug 2017 08:17 am

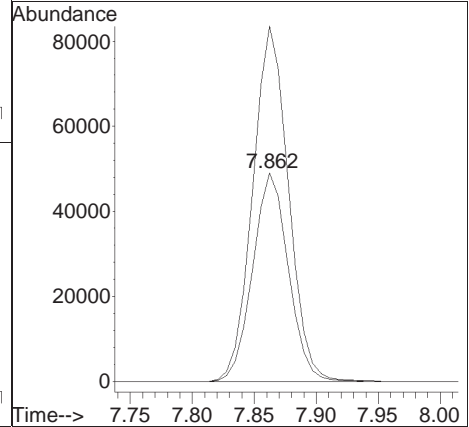
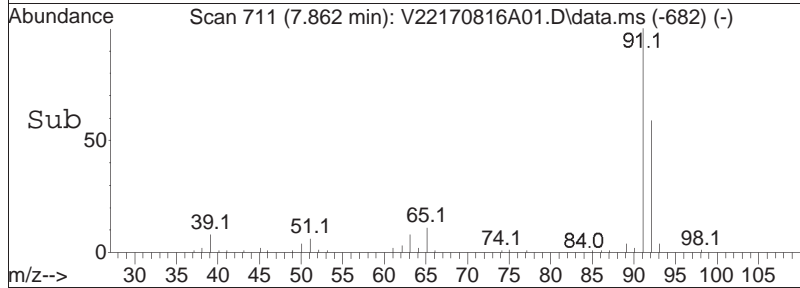
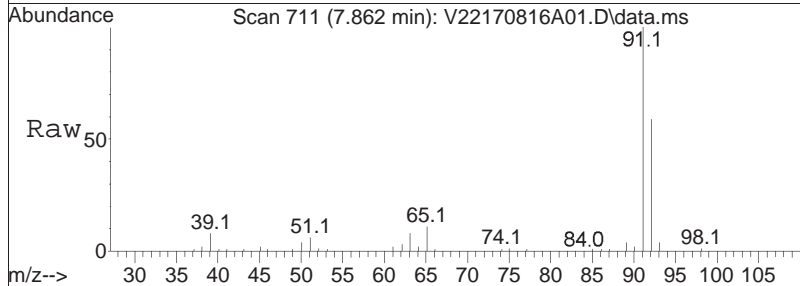
Tgt Ion	Resp	Lower	Upper
75	100		
77	32.1	25.6	38.4
39	45.2	35.4	53.0

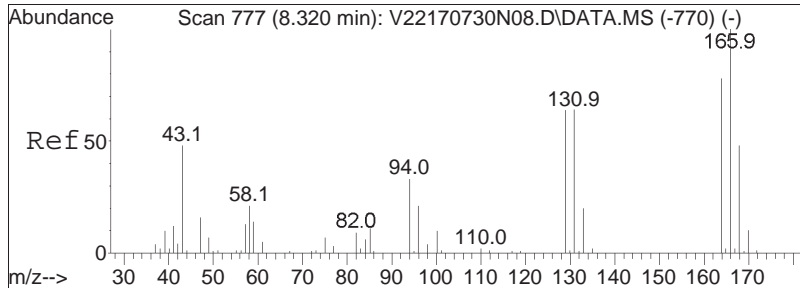




#64
 Toluene
 Concen: 10.02 ug/L
 RT: 7.862 min Scan# 711
 Delta R.T. 0.000 min
 Lab File: V22170816A01.D
 Acq: 16 Aug 2017 08:17 am

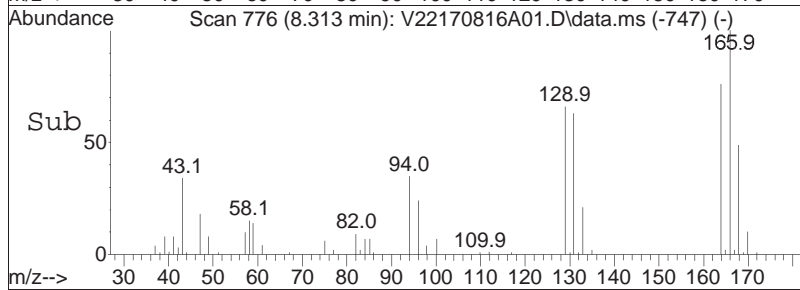
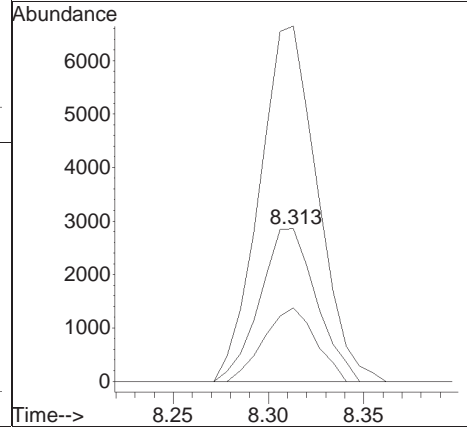
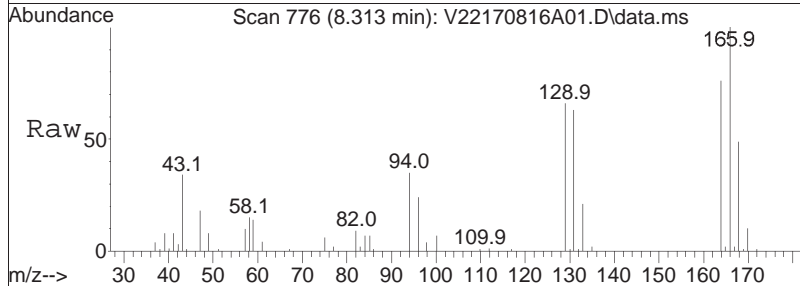
Tgt Ion:	Resp:		
92	100		
91	170.6	137.0	205.6

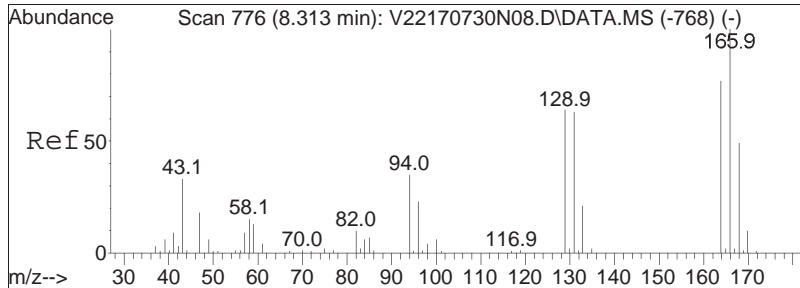




#65
 4-Methyl-2-pentanone
 Concen: 8.22 ug/L
 RT: 8.313 min Scan# 776
 Delta R.T. -0.000 min
 Lab File: V22170816A01.D
 Acq: 16 Aug 2017 08:17 am

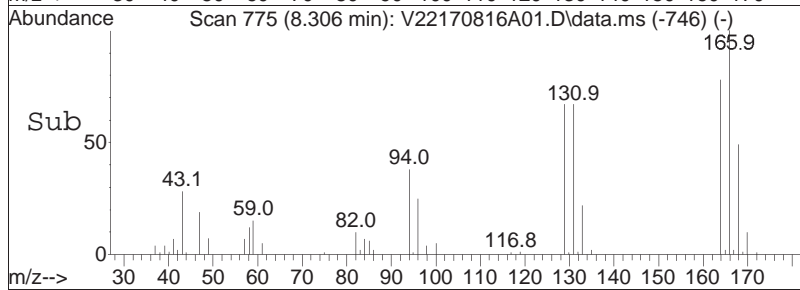
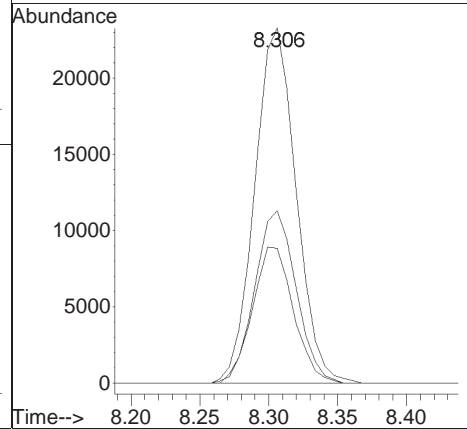
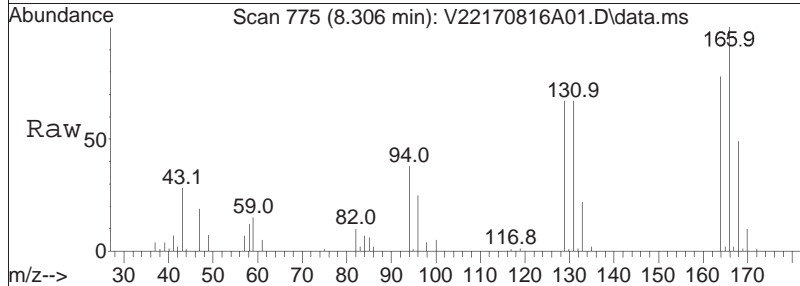
Tgt Ion:	Resp:		
Ion Ratio	Lower	Upper	
58	100		
100	44.2	36.2	54.4
43	238.9	181.8	272.8

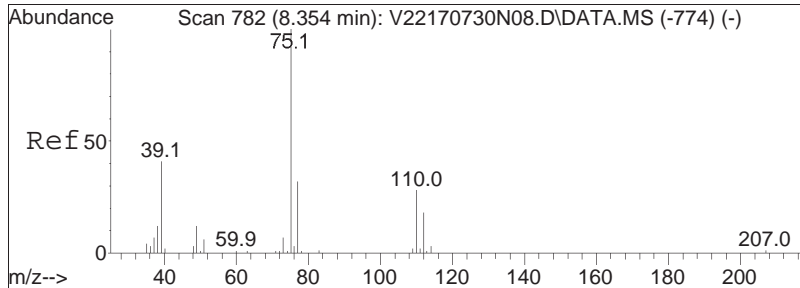




#66
 Tetrachloroethene
 Concen: 9.66 ug/L
 RT: 8.306 min Scan# 775
 Delta R.T. 0.000 min
 Lab File: V22170816A01.D
 Acq: 16 Aug 2017 08:17 am

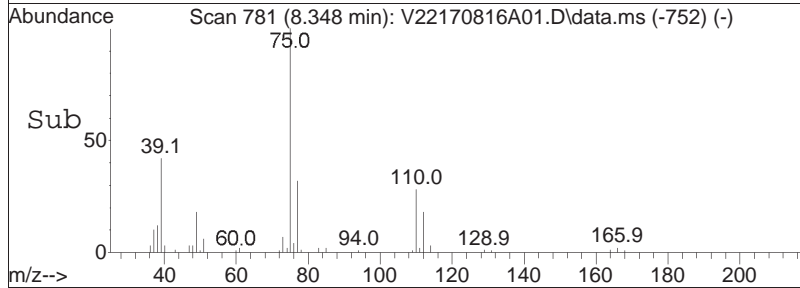
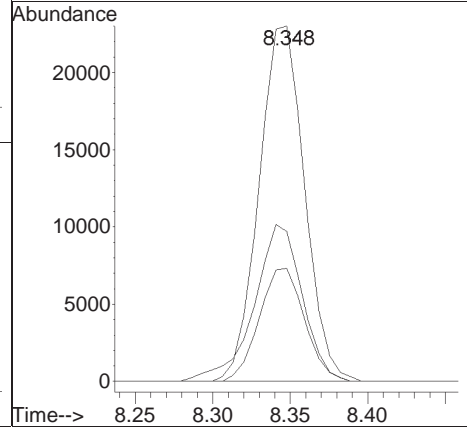
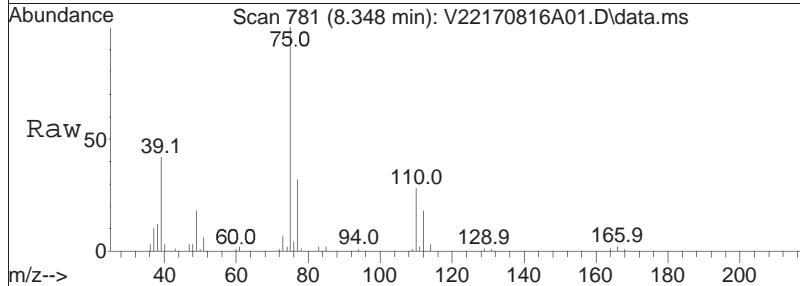
Tgt Ion	Resp	Lower	Upper
166	100		
168	48.4	27.8	67.8
94	38.1	16.7	56.7

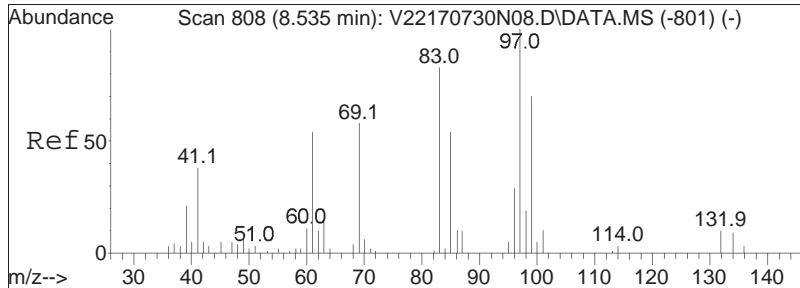




#68
 trans-1,3-Dichloropropene
 Concen: 9.74 ug/L
 RT: 8.348 min Scan# 781
 Delta R.T. -0.000 min
 Lab File: V22170816A01.D
 Acq: 16 Aug 2017 08:17 am

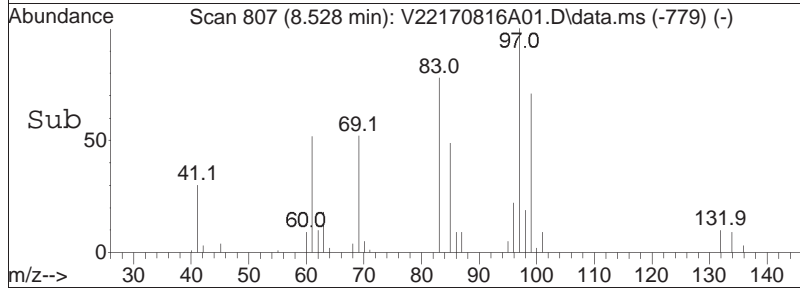
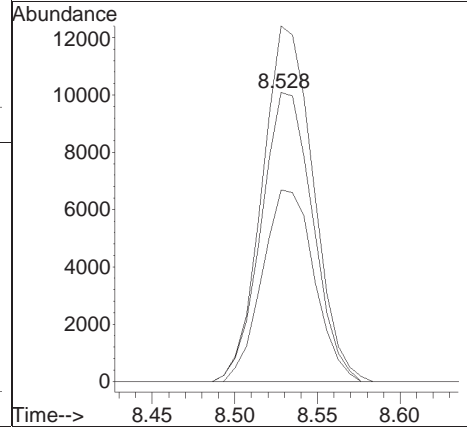
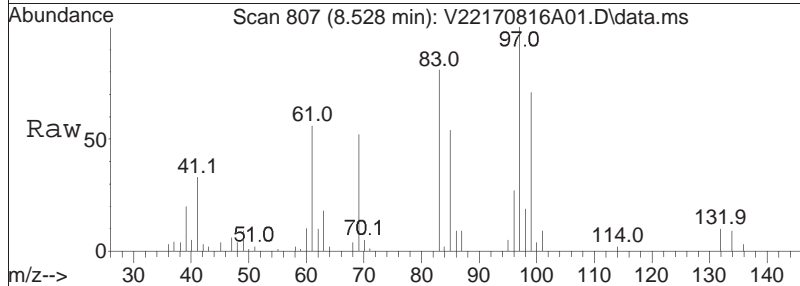
Tgt Ion:	75	Resp:	47080
Ion Ratio	Lower	Upper	
75	100		
77	31.7	11.9	51.9
39	46.6	27.4	67.4

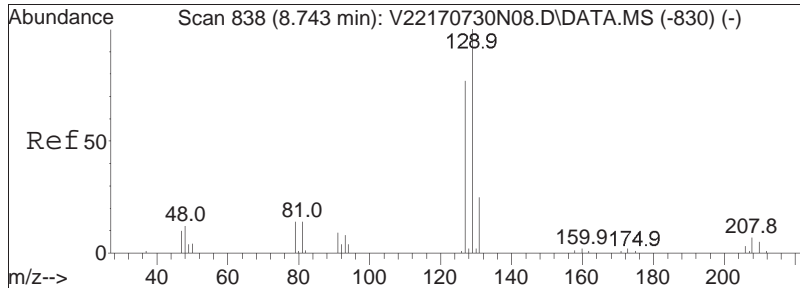




#71
 1,1,2-Trichloroethane
 Concen: 9.43 ug/L
 RT: 8.528 min Scan# 807
 Delta R.T. -0.007 min
 Lab File: V22170816A01.D
 Acq: 16 Aug 2017 08:17 am

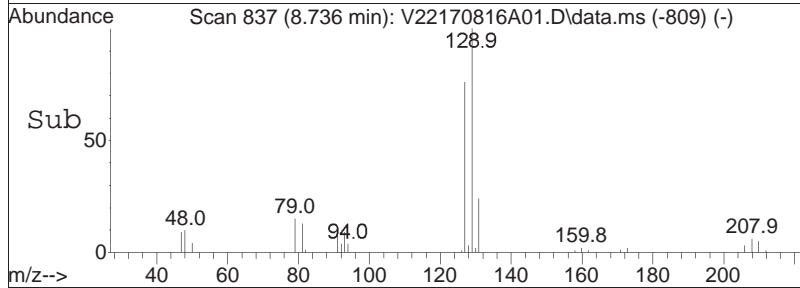
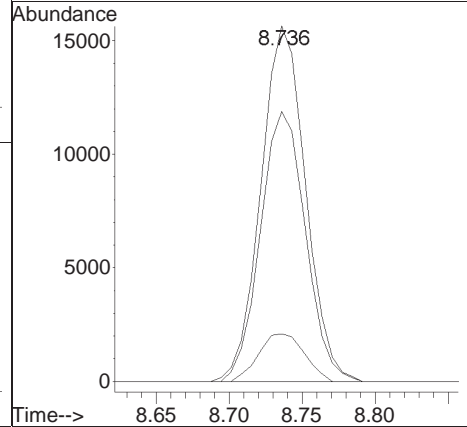
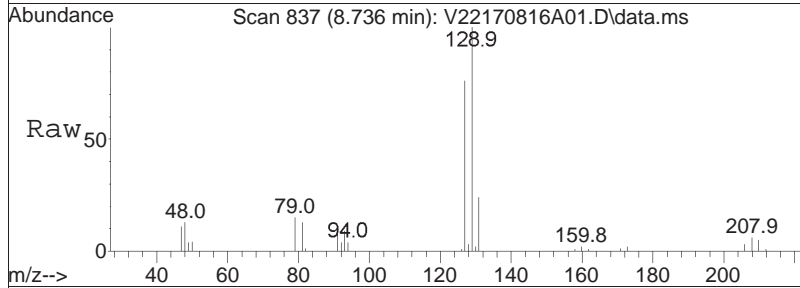
Tgt Ion:	83	97	85	Resp:	21807	Lower	Upper
Ion Ratio	100	122.3	67.0			103.4	143.4

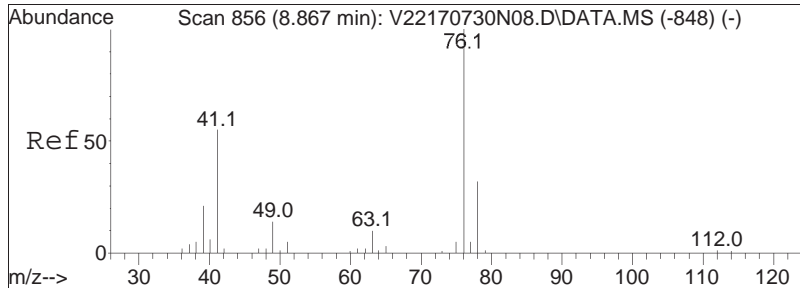




#72
 Chlorodibromomethane
 Concen: 9.14 ug/L
 RT: 8.736 min Scan# 837
 Delta R.T. -0.007 min
 Lab File: V22170816A01.D
 Acq: 16 Aug 2017 08:17 am

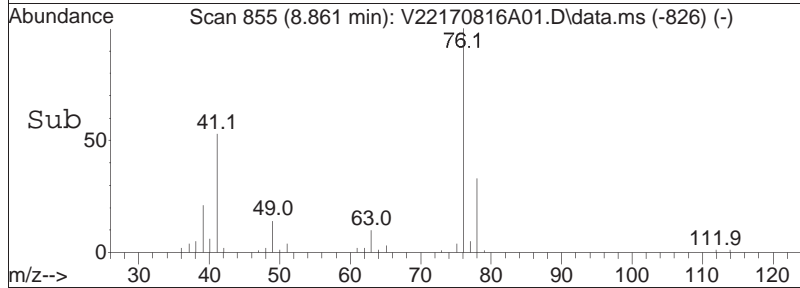
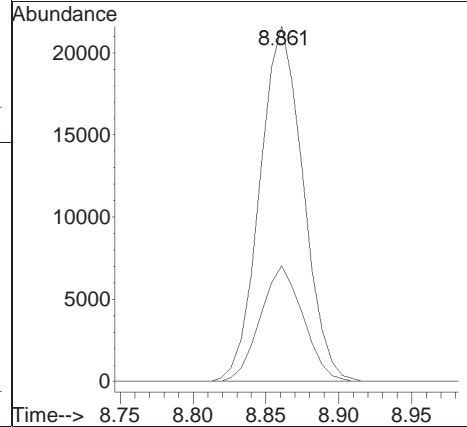
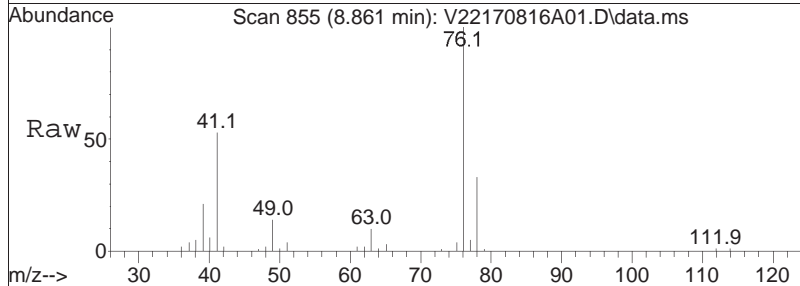
Tgt Ion	Resp	Lower	Upper
129	33317		
129	100		
81	13.7	0.0	33.8
127	76.7	57.1	97.1

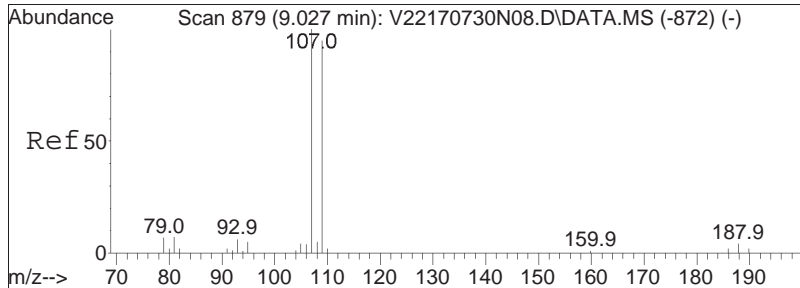




#73
 1,3-Dichloropropane
 Concen: 9.50 ug/L
 RT: 8.861 min Scan# 855
 Delta R.T. -0.000 min
 Lab File: V22170816A01.D
 Acq: 16 Aug 2017 08:17 am

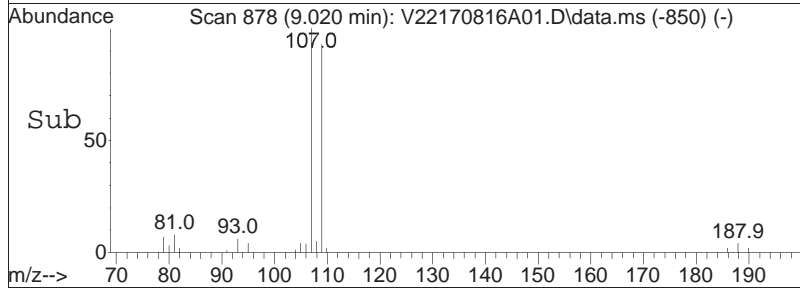
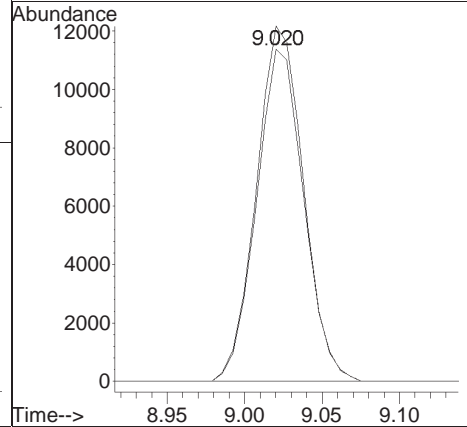
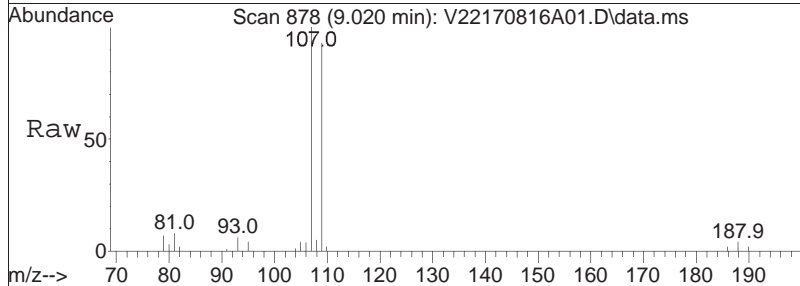
Tgt Ion	Resp	Lower	Upper
76	100		
78	32.1	25.7	38.5

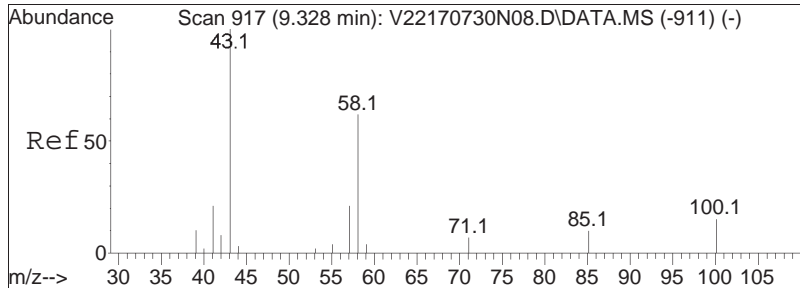




#74
 1,2-Dibromoethane
 Concen: 8.79 ug/L
 RT: 9.020 min Scan# 878
 Delta R.T. -0.007 min
 Lab File: V22170816A01.D
 Acq: 16 Aug 2017 08:17 am

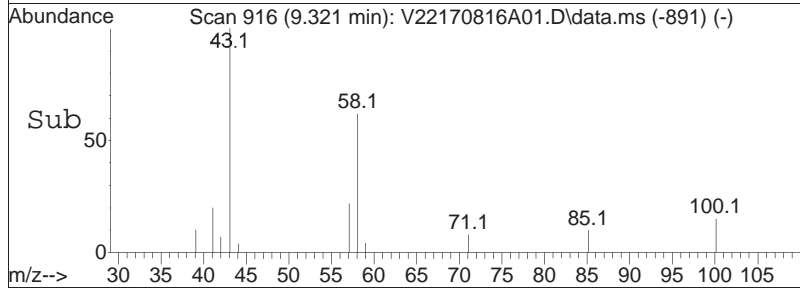
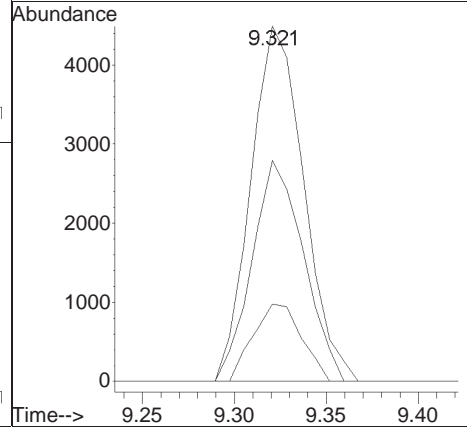
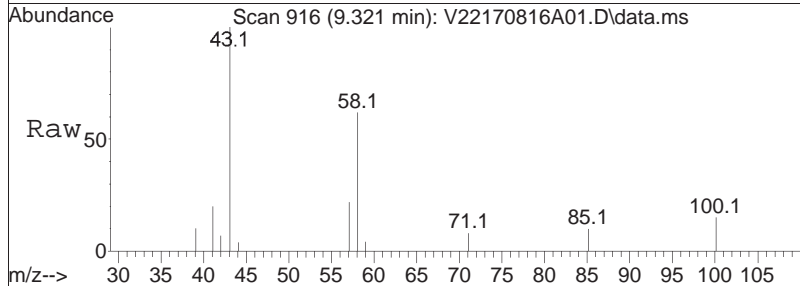
Tgt Ion	Resp	Lower	Upper
107	100		
109	93.7	75.1	112.7

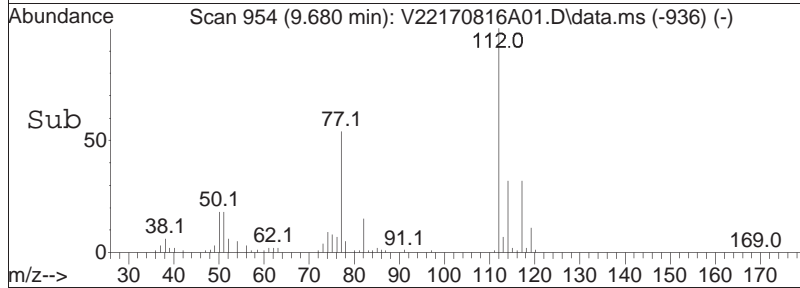
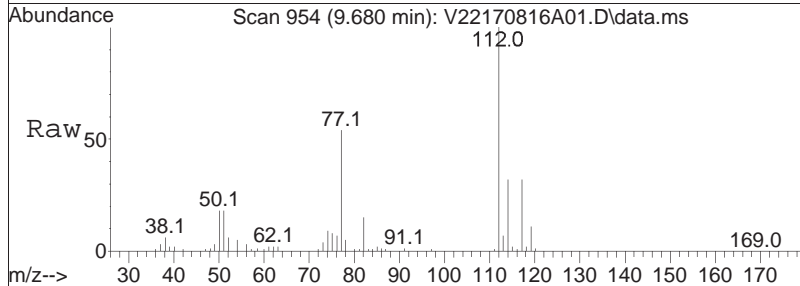
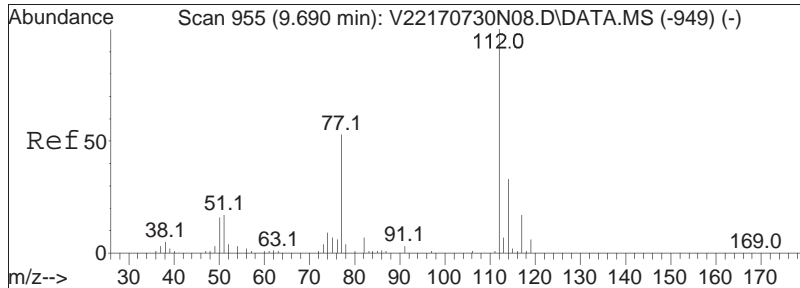




#76
 2-Hexanone
 Concen: 8.66 ug/L
 RT: 9.321 min Scan# 916
 Delta R.T. -0.007 min
 Lab File: V22170816A01.D
 Acq: 16 Aug 2017 08:17 am

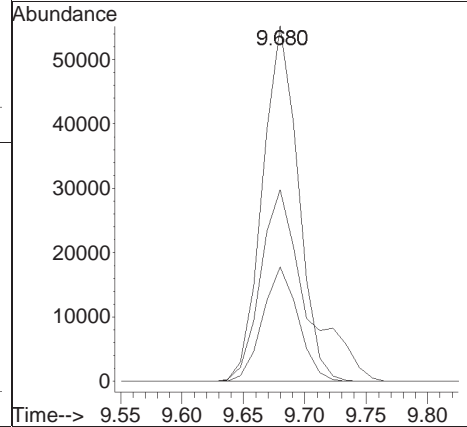
Tgt Ion:	Resp:		
Ion Ratio	Lower	Upper	
43	100		
58	60.5	47.6	71.4
57	20.0	16.6	24.8

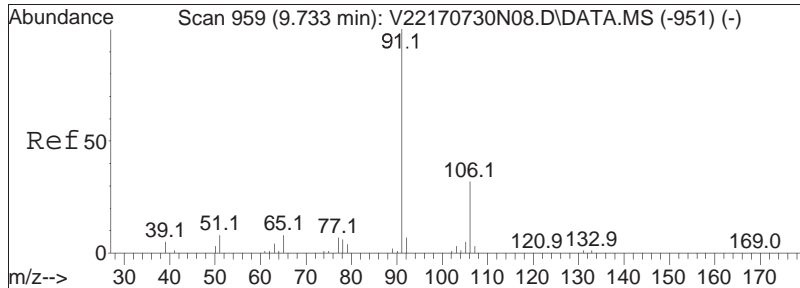




#77
 Chlorobenzene
 Concen: 9.83 ug/L
 RT: 9.680 min Scan# 954
 Delta R.T. -0.000 min
 Lab File: V22170816A01.D
 Acq: 16 Aug 2017 08:17 am

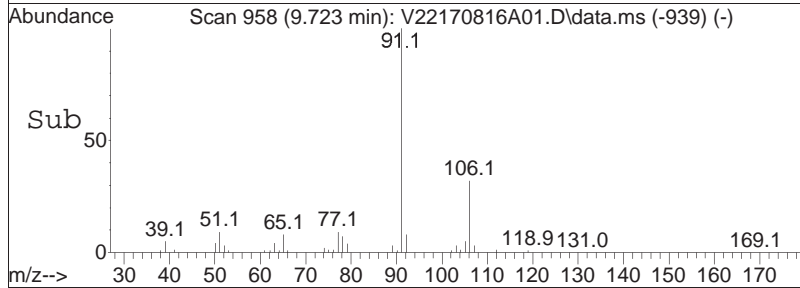
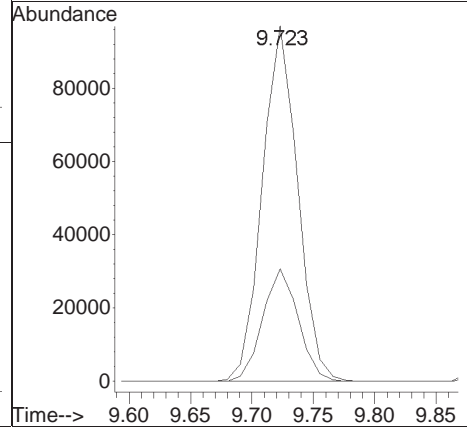
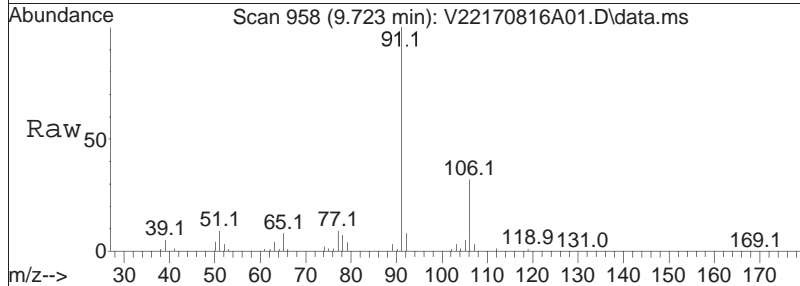
Tgt Ion	Ratio	Lower	Upper
112	100		
77	69.6	55.4	83.0
114	32.1	26.2	39.4

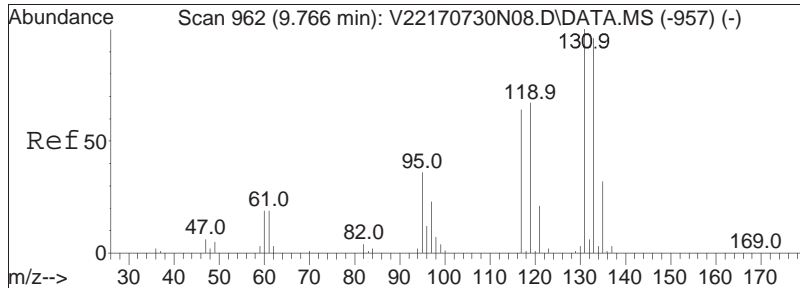




#78
 Ethylbenzene
 Concen: 10.09 ug/L
 RT: 9.723 min Scan# 958
 Delta R.T. -0.000 min
 Lab File: V22170816A01.D
 Acq: 16 Aug 2017 08:17 am

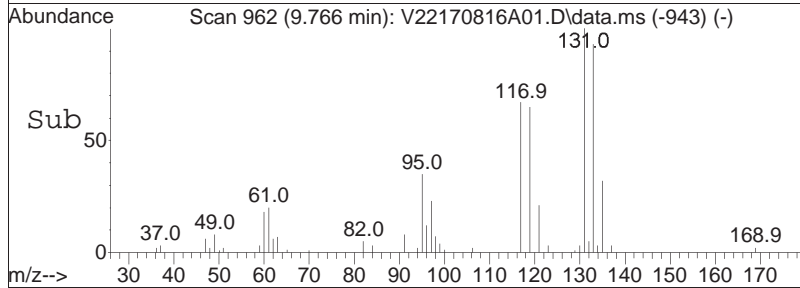
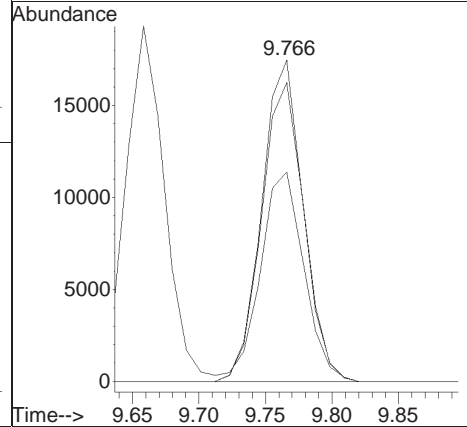
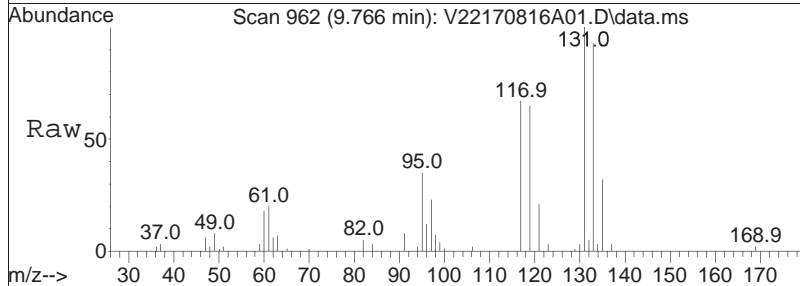
Tgt Ion:	91	106	Resp:	193820
Ion Ratio	100	31.9	Lower	Upper
			25.8	38.6

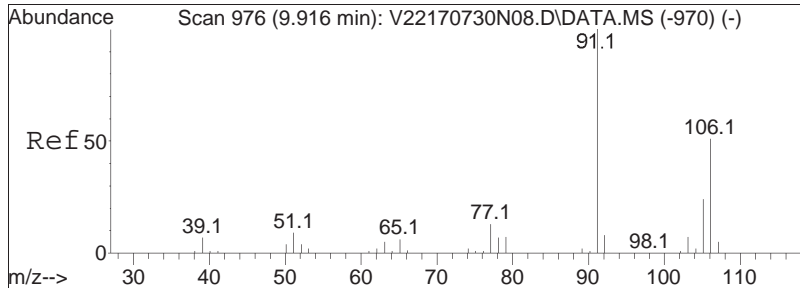




#79
 1,1,1,2-Tetrachloroethane
 Concen: 9.58 ug/L
 RT: 9.766 min Scan# 962
 Delta R.T. -0.000 min
 Lab File: V22170816A01.D
 Acq: 16 Aug 2017 08:17 am

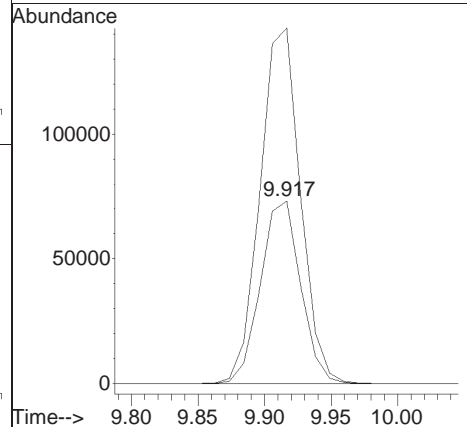
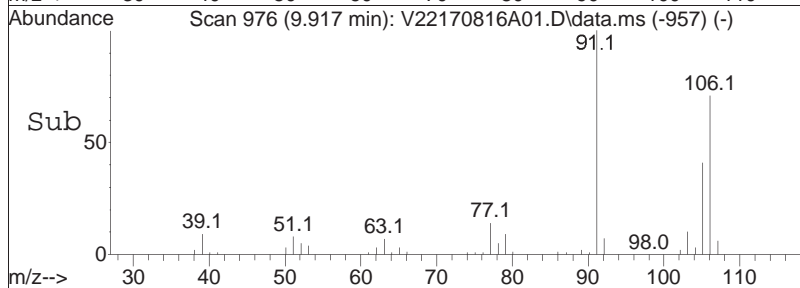
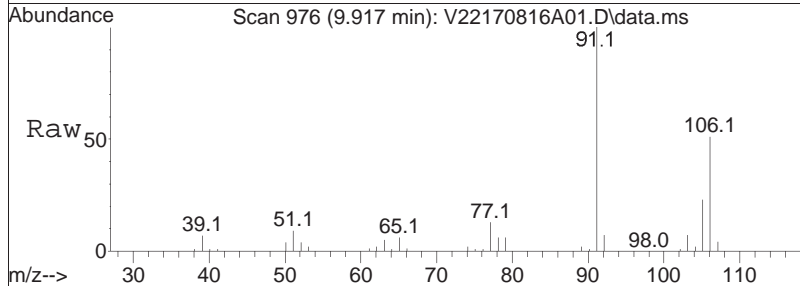
Tgt Ion	Resp	Lower	Upper
131	100		
133	94.9	75.3	115.3
119	68.1	49.3	89.3

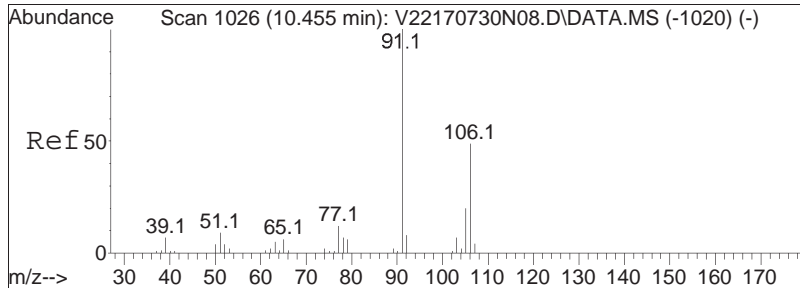




#80
 p/m Xylene
 Concen: 19.91 ug/L
 RT: 9.917 min Scan# 976
 Delta R.T. 0.001 min
 Lab File: V22170816A01.D
 Acq: 16 Aug 2017 08:17 am

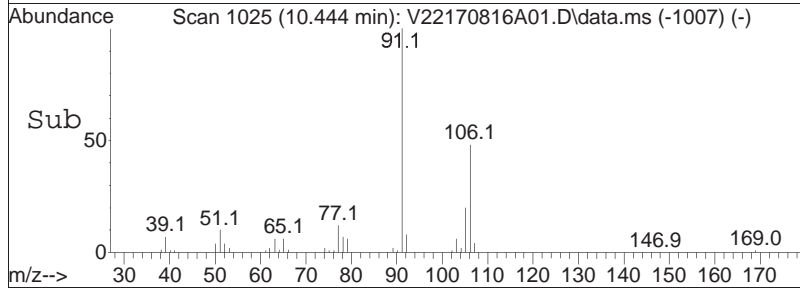
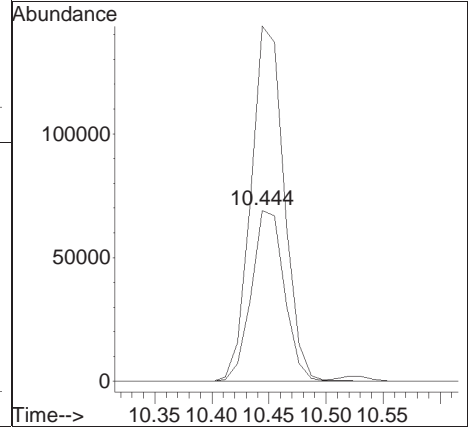
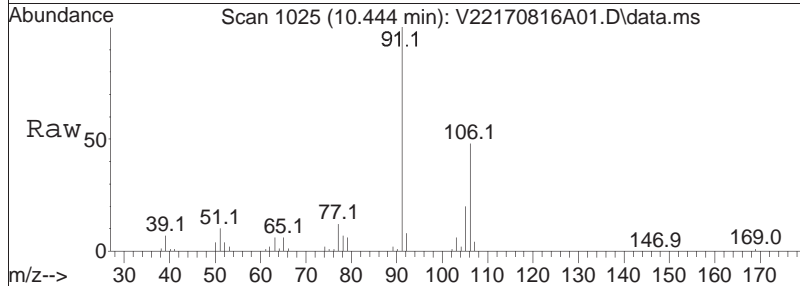
Tgt Ion	Resp	Lower	Upper
106	100		
91	195.7	156.0	234.0

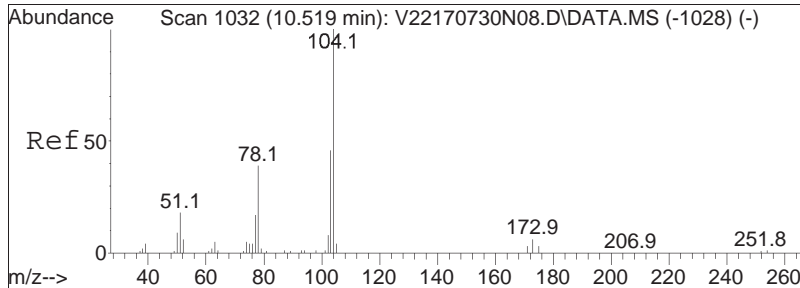




#81
 o Xylene
 Concen: 19.76 ug/L
 RT: 10.444 min Scan# 1025
 Delta R.T. -0.011 min
 Lab File: V22170816A01.D
 Acq: 16 Aug 2017 08:17 am

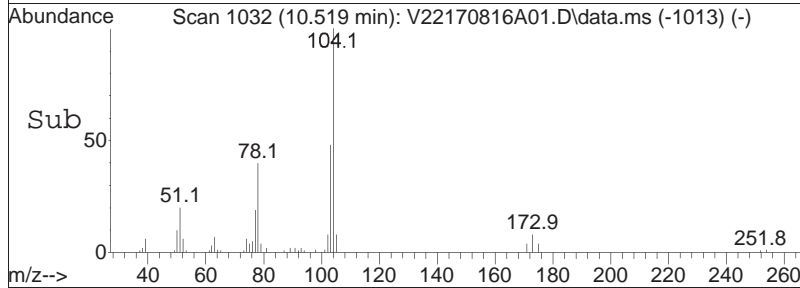
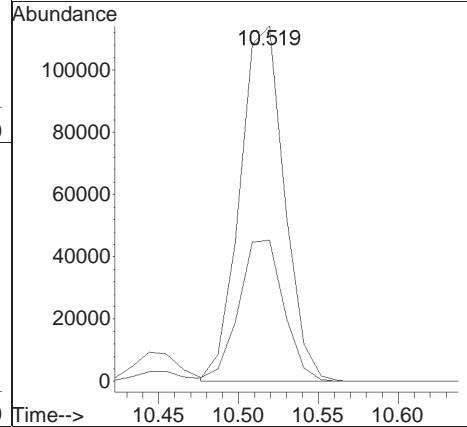
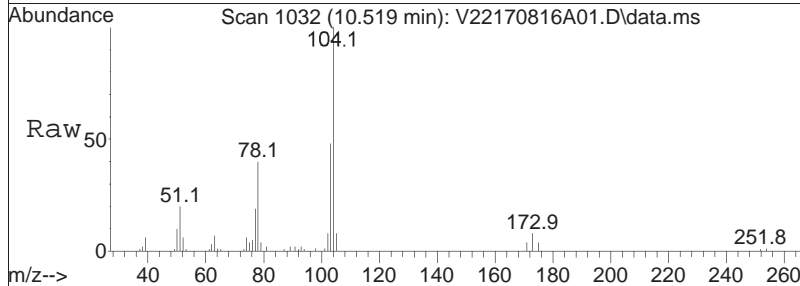
Tgt Ion	Resp	Lower	Upper
106	100		
91	207.7	164.0	246.0

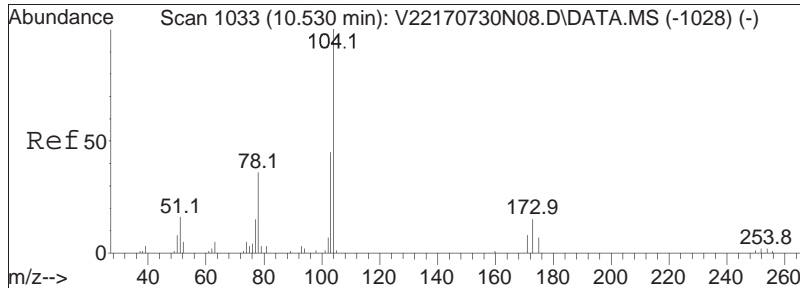




#82
 Styrene
 Concen: 19.40 ug/L
 RT: 10.519 min Scan# 1032
 Delta R.T. 0.000 min
 Lab File: V22170816A01.D
 Acq: 16 Aug 2017 08:17 am

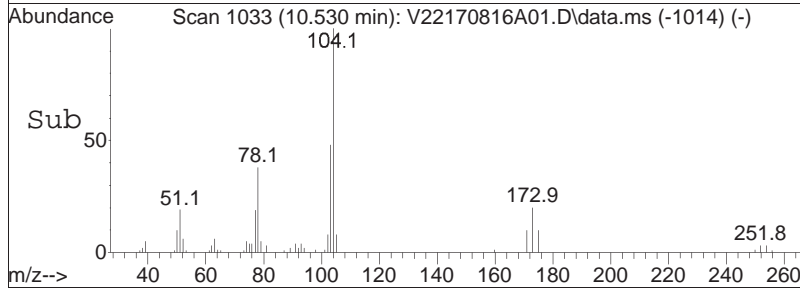
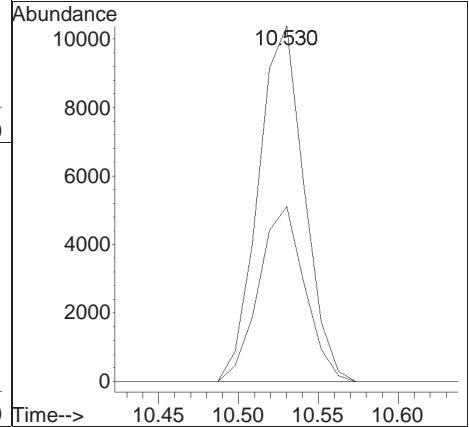
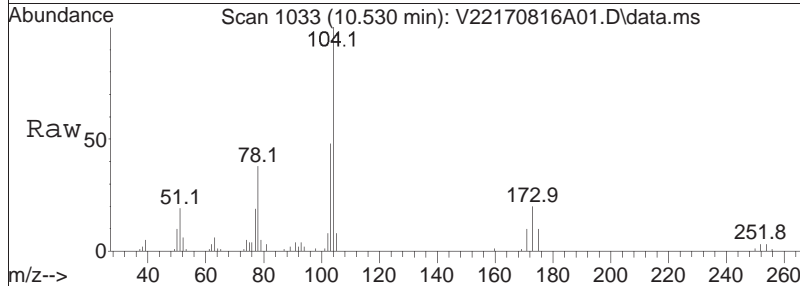
Tgt Ion	Ratio	Lower	Upper
104	100		
78	40.3	32.1	48.1

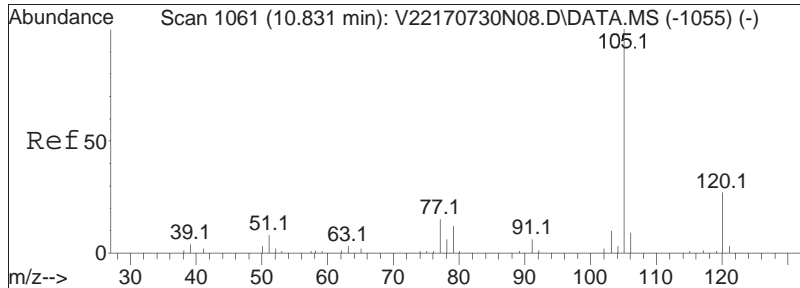




#84
 Bromoform
 Concen: 8.49 ug/L
 RT: 10.530 min Scan# 1033
 Delta R.T. 0.000 min
 Lab File: V22170816A01.D
 Acq: 16 Aug 2017 08:17 am

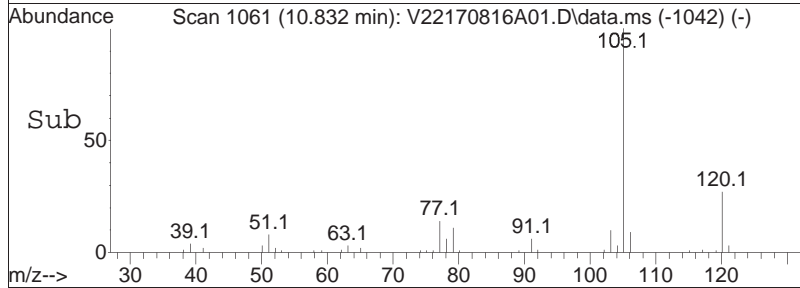
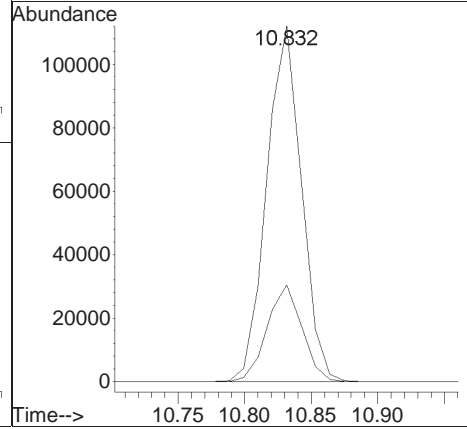
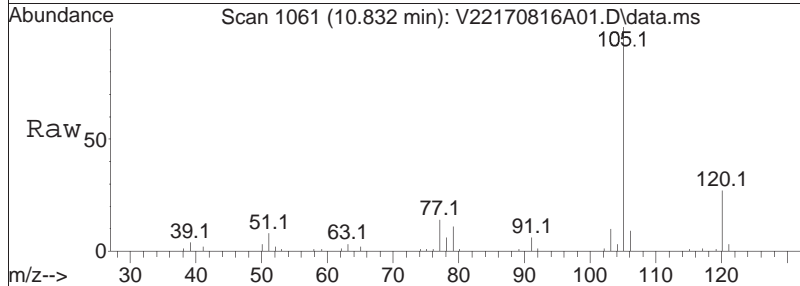
Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.2	29.3	69.3

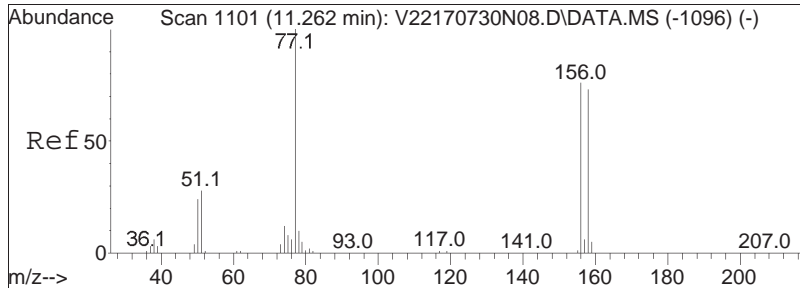




#86
 Isopropylbenzene
 Concen: 10.22 ug/L
 RT: 10.832 min Scan# 1061
 Delta R.T. 0.001 min
 Lab File: V22170816A01.D
 Acq: 16 Aug 2017 08:17 am

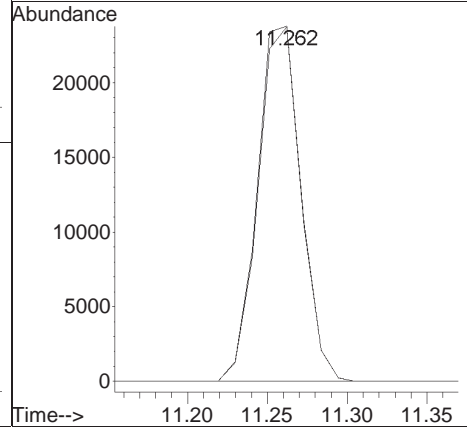
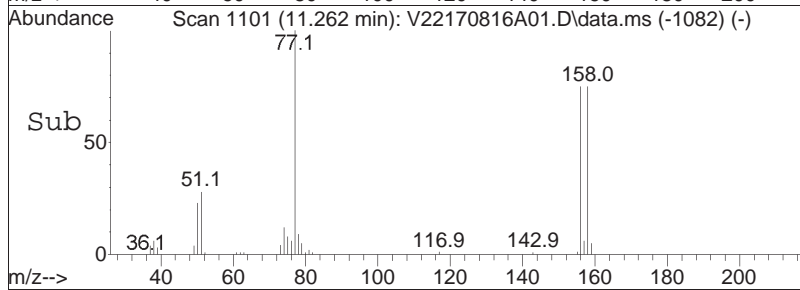
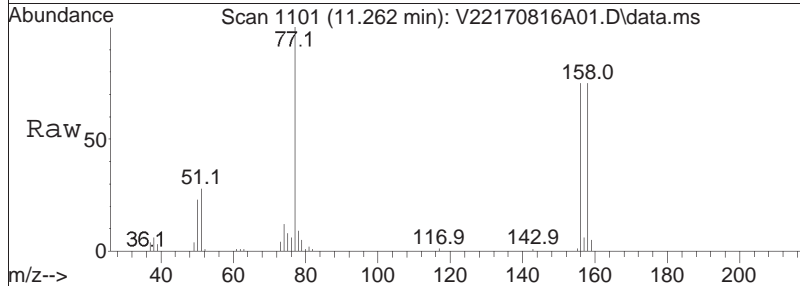
Tgt Ion	Resp	Lower	Upper
105	100		
120	27.0	7.7	47.7

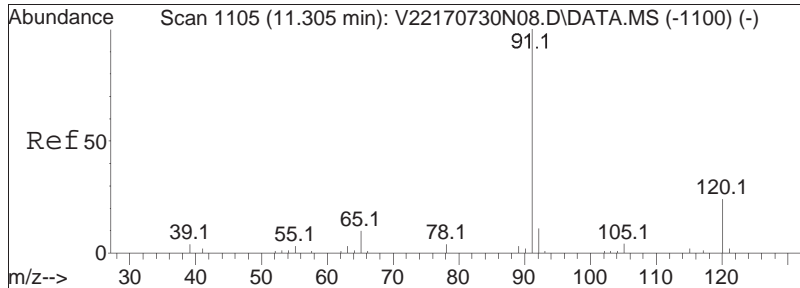




#88
 Bromobenzene
 Concen: 9.40 ug/L
 RT: 11.262 min Scan# 1101
 Delta R.T. 0.000 min
 Lab File: V22170816A01.D
 Acq: 16 Aug 2017 08:17 am

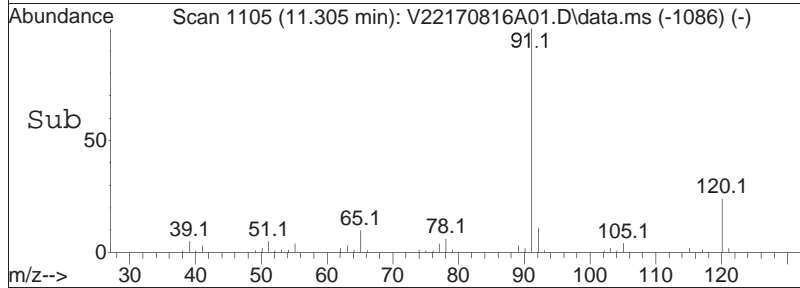
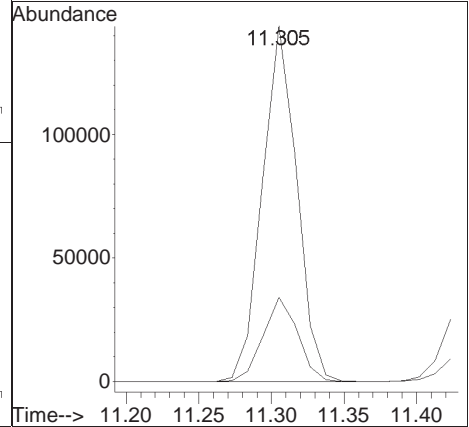
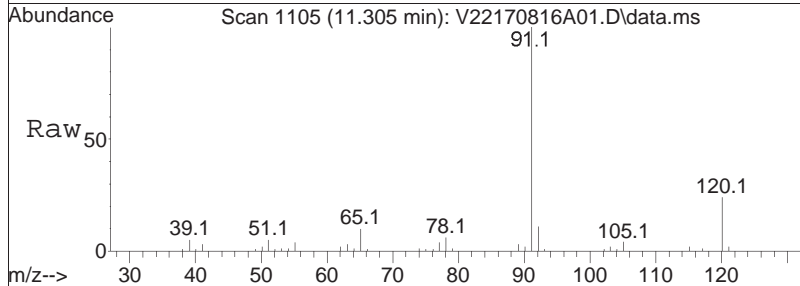
Tgt Ion	Resp	Lower	Upper
156	100		
158	97.3	77.9	116.9

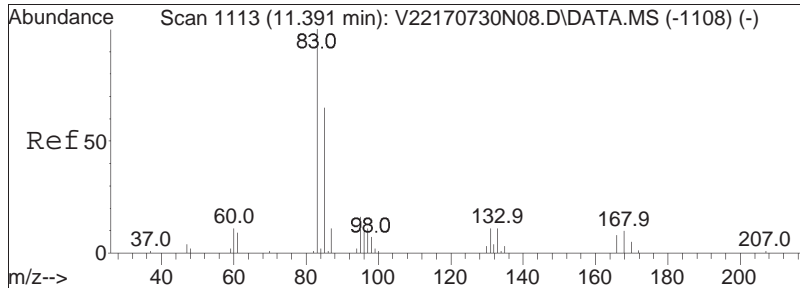




#89
 n-Propylbenzene
 Concen: 10.44 ug/L
 RT: 11.305 min Scan# 1105
 Delta R.T. 0.000 min
 Lab File: V22170816A01.D
 Acq: 16 Aug 2017 08:17 am

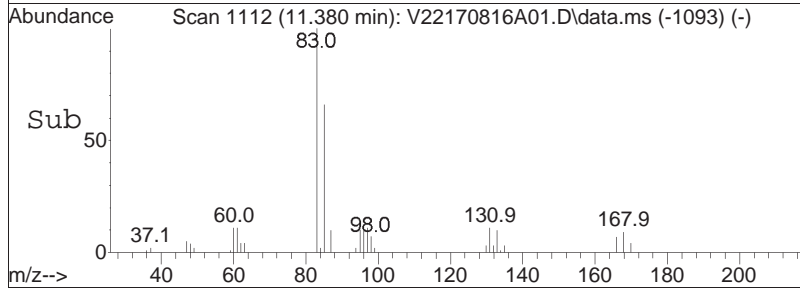
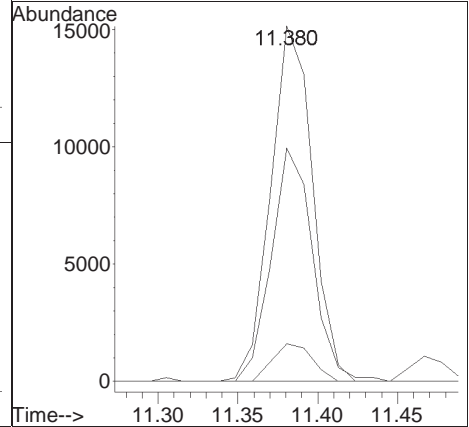
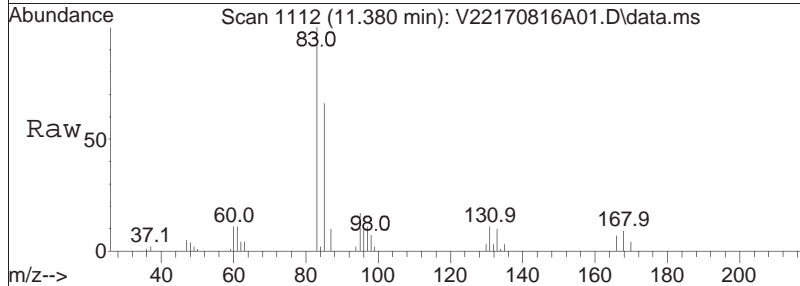
Tgt Ion	Resp	Lower	Upper
91	100		
120	23.7	19.5	29.3

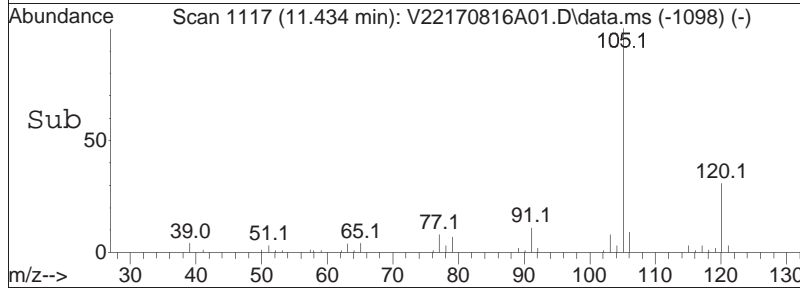
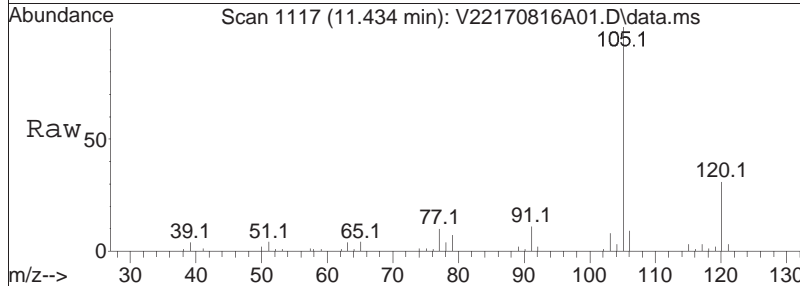
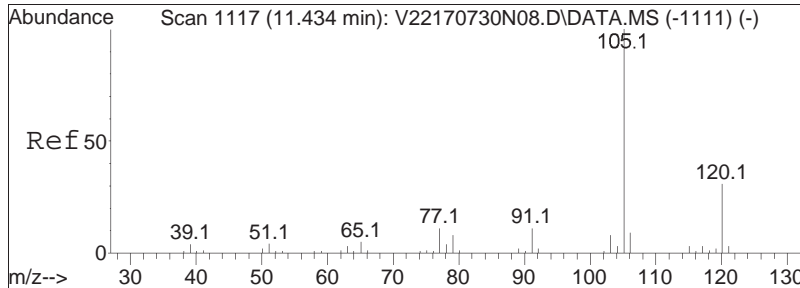




#91
 1,1,2,2-Tetrachloroethane
 Concen: 9.31 ug/L
 RT: 11.380 min Scan# 1112
 Delta R.T. 0.000 min
 Lab File: V22170816A01.D
 Acq: 16 Aug 2017 08:17 am

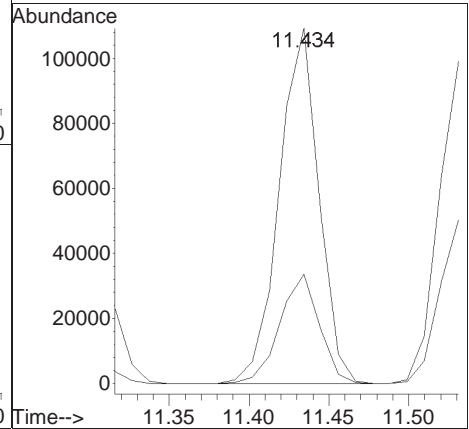
Tgt Ion	Resp	Lower	Upper
83	27554		
131	10.2	0.0	30.8
85	65.1	45.4	85.4

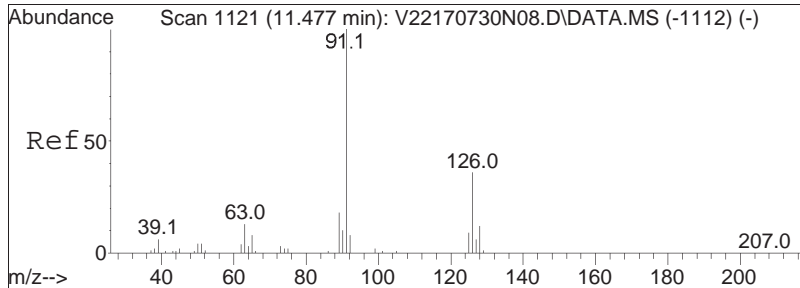




#92
 4-Ethyltoluene
 Concen: 10.31 ug/L
 RT: 11.434 min Scan# 1117
 Delta R.T. 0.000 min
 Lab File: V22170816A01.D
 Acq: 16 Aug 2017 08:17 am

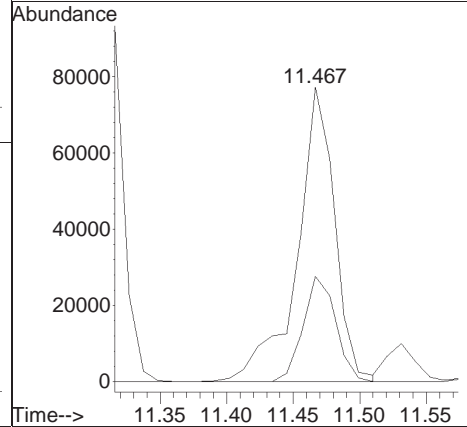
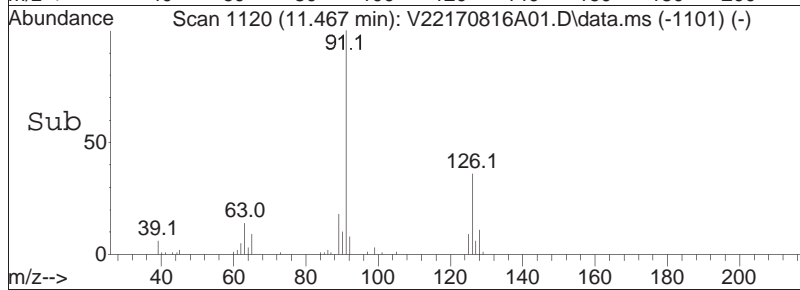
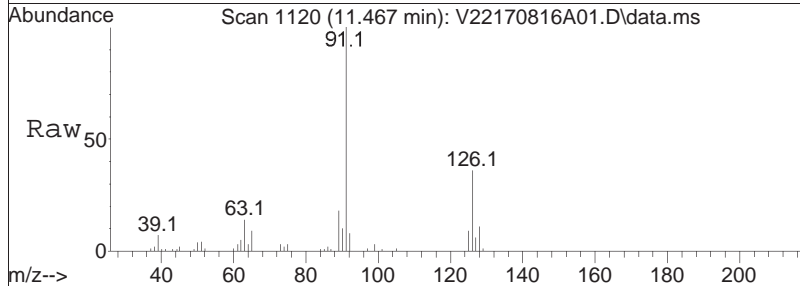
Tgt Ion	Resp	Lower	Upper
105	100		
120	30.5	19.8	41.0

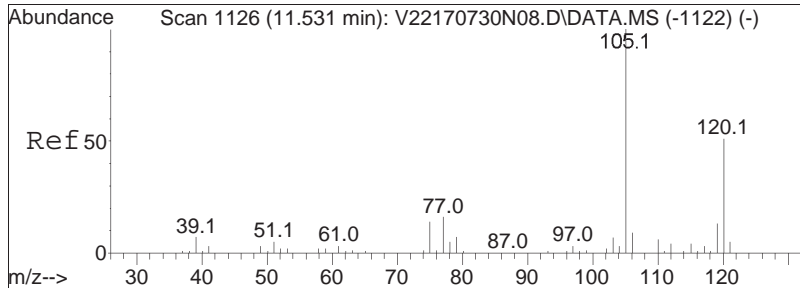




#93
 2-Chlorotoluene
 Concen: 10.30 ug/L
 RT: 11.467 min Scan# 1120
 Delta R.T. 0.001 min
 Lab File: V22170816A01.D
 Acq: 16 Aug 2017 08:17 am

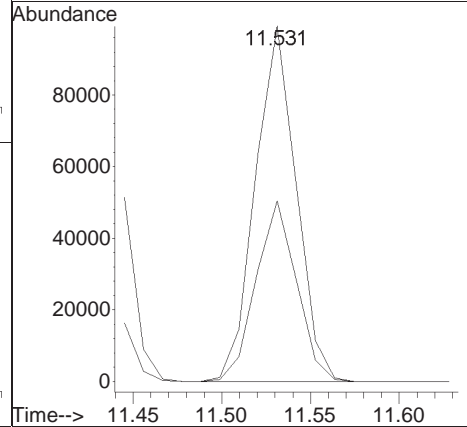
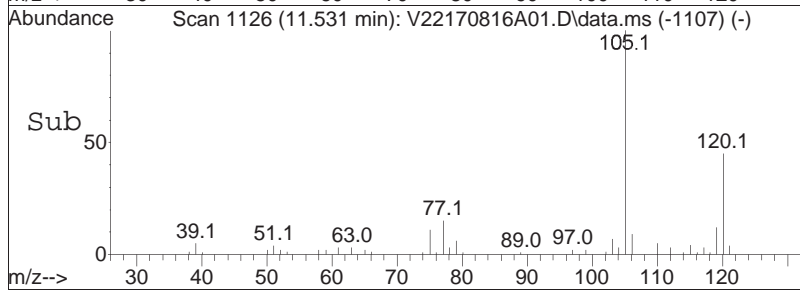
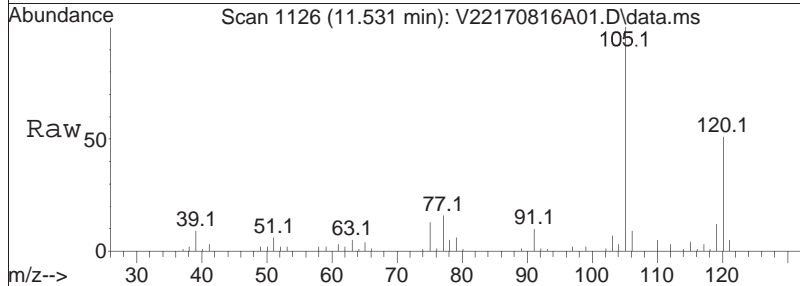
Tgt Ion	Resp	Lower	Upper
91	151002		
126	31.0	24.6	37.0

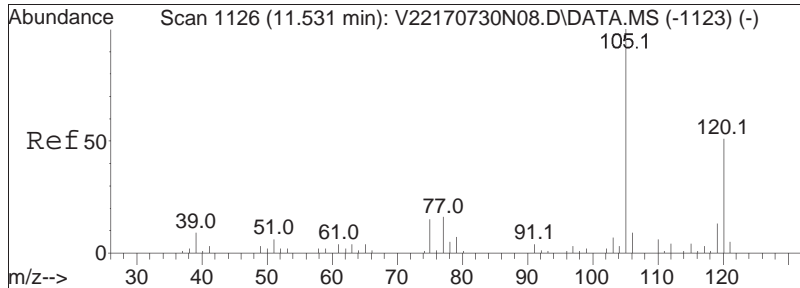




#94
 1,3,5-Trimethylbenzene
 Concen: 10.18 ug/L
 RT: 11.531 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: V22170816A01.D
 Acq: 16 Aug 2017 08:17 am

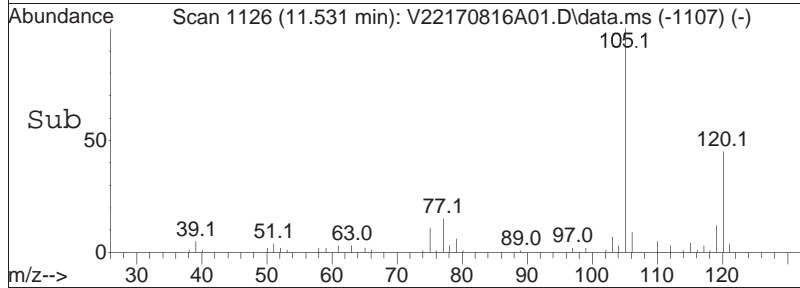
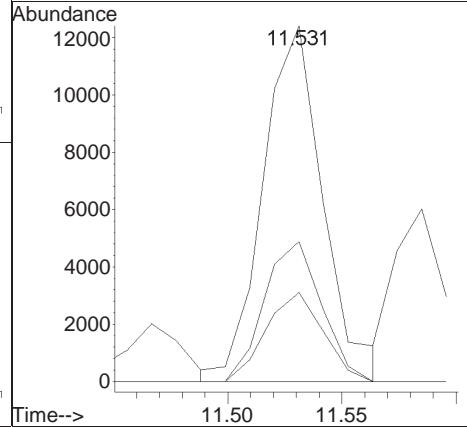
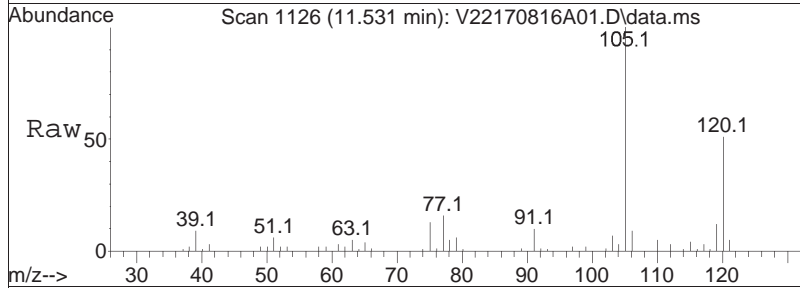
Tgt Ion	Resp	Lower	Upper
105	100		
120	50.5	40.9	61.3

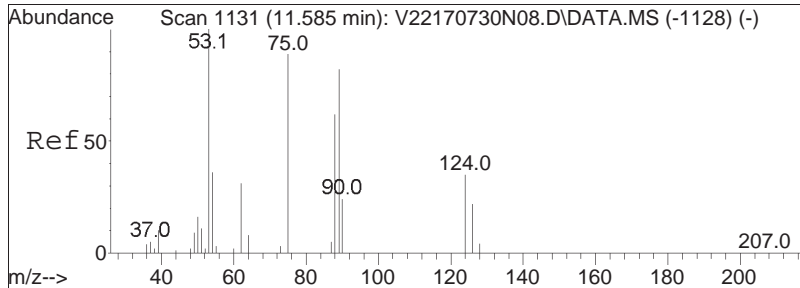




#95
 1,2,3-Trichloropropane
 Concen: 9.57 ug/L
 RT: 11.531 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: V22170816A01.D
 Acq: 16 Aug 2017 08:17 am

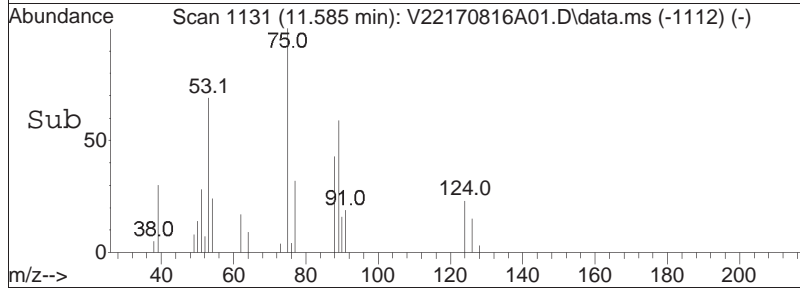
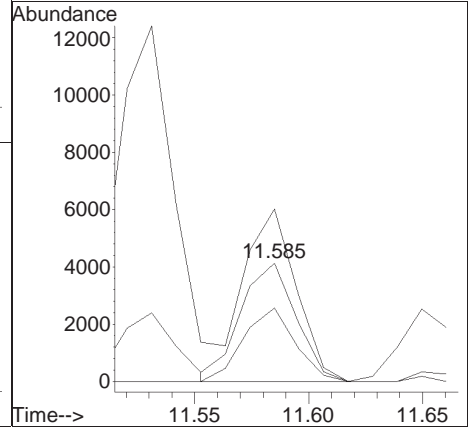
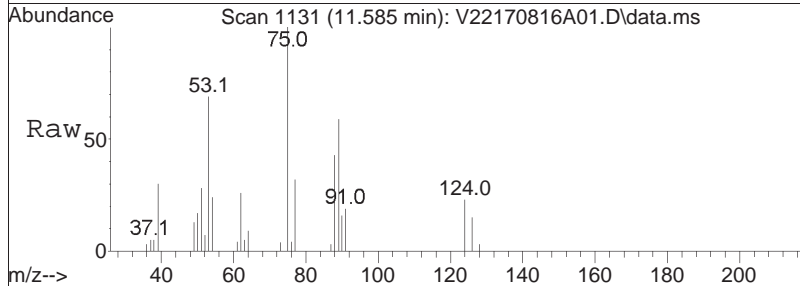
Tgt Ion	Resp	Lower	Upper
75	22739		
75	100		
110	37.4	26.3	54.7
112	23.8	16.8	35.0

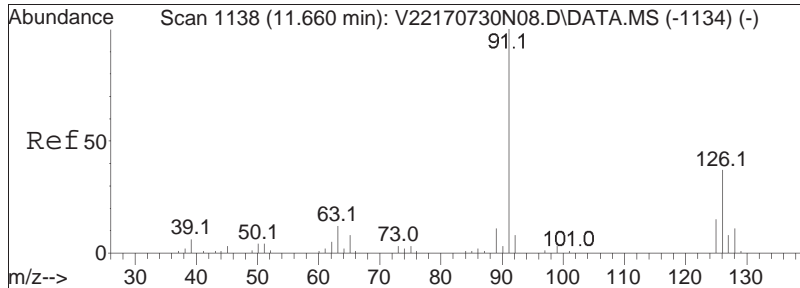




#96
 trans-1,4-Dichloro-2-butene
 Concen: 9.33 ug/L
 RT: 11.585 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: V22170816A01.D
 Acq: 16 Aug 2017 08:17 am

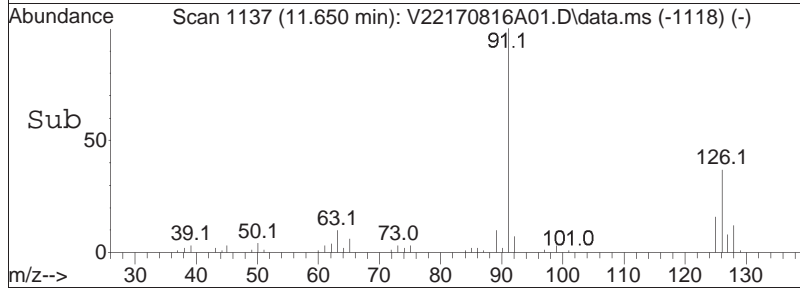
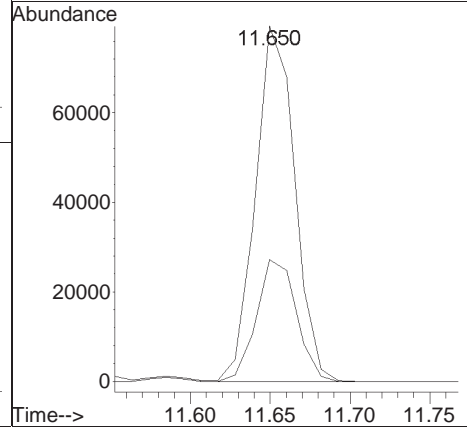
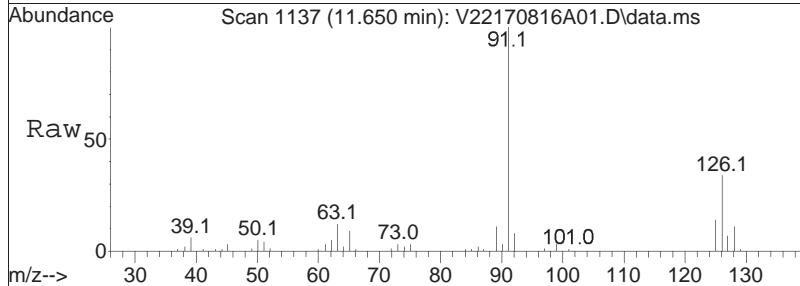
Tgt Ion	Resp	Lower	Upper
53	100		
88	58.0	46.3	69.5
75	130.4	109.0	163.4

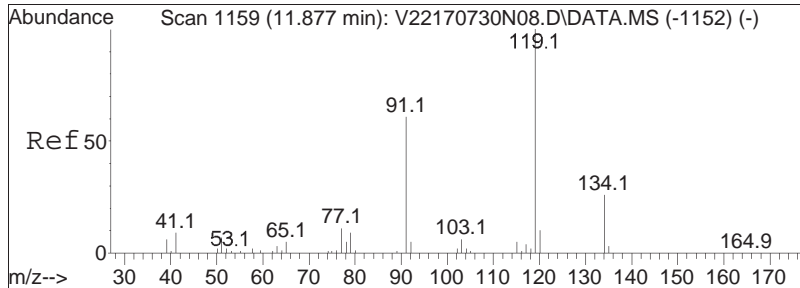




#97
 4-Chlorotoluene
 Concen: 10.15 ug/L
 RT: 11.650 min Scan# 1137
 Delta R.T. 0.001 min
 Lab File: V22170816A01.D
 Acq: 16 Aug 2017 08:17 am

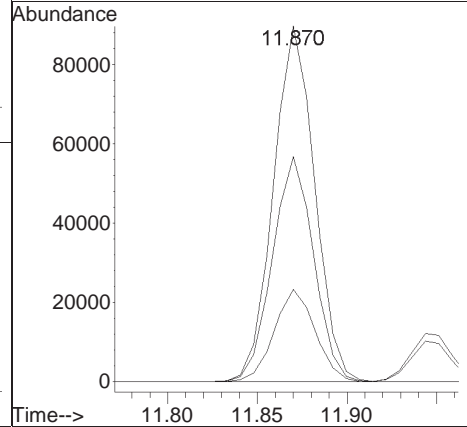
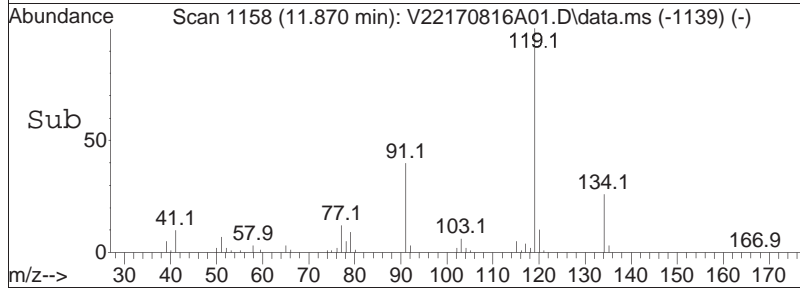
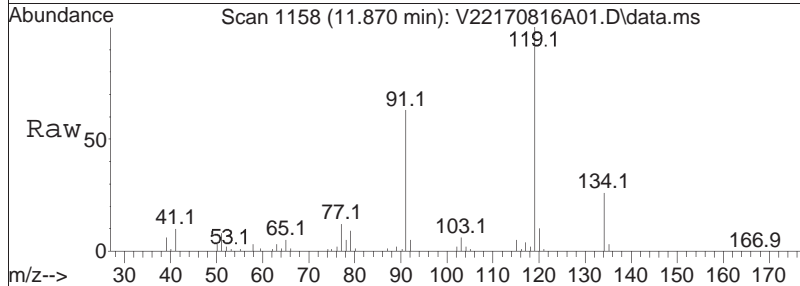
Tgt Ion:	Resp:	Lower	Upper
91	100		
126	34.9	28.5	42.7

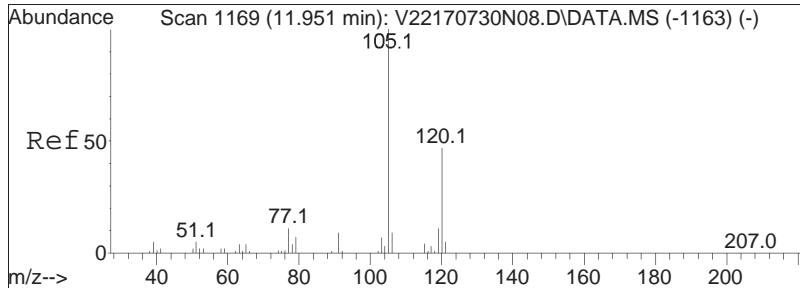




#98
 tert-Butylbenzene
 Concen: 10.02 ug/L
 RT: 11.870 min Scan# 1158
 Delta R.T. 0.000 min
 Lab File: V22170816A01.D
 Acq: 16 Aug 2017 08:17 am

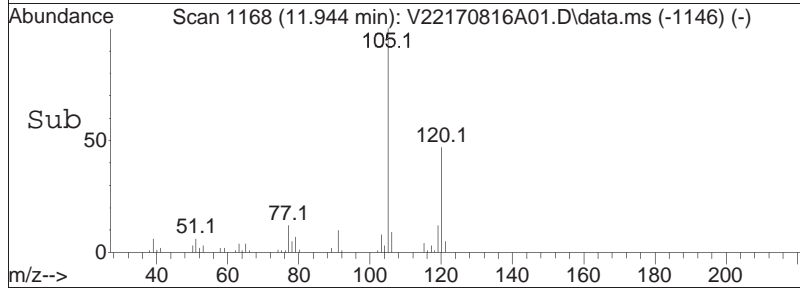
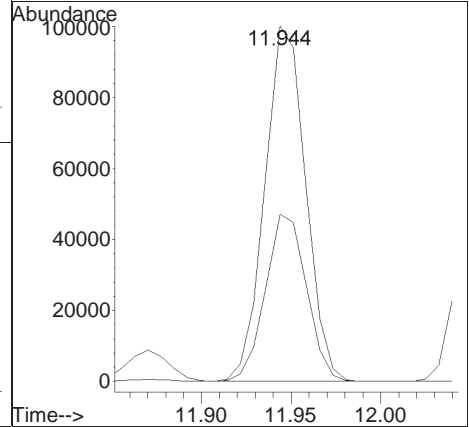
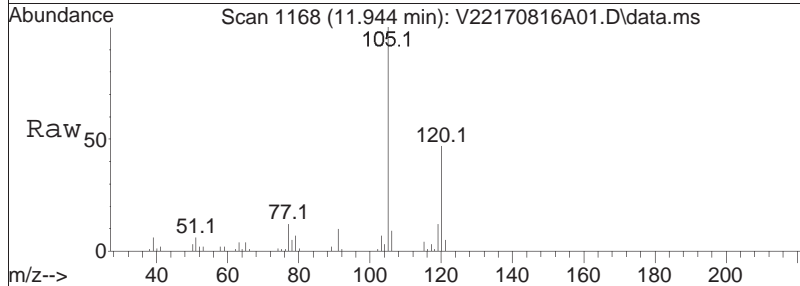
Tgt Ion	Resp	Lower	Upper
119	143395		
91	63.2	50.2	75.4
134	25.6	20.8	31.2

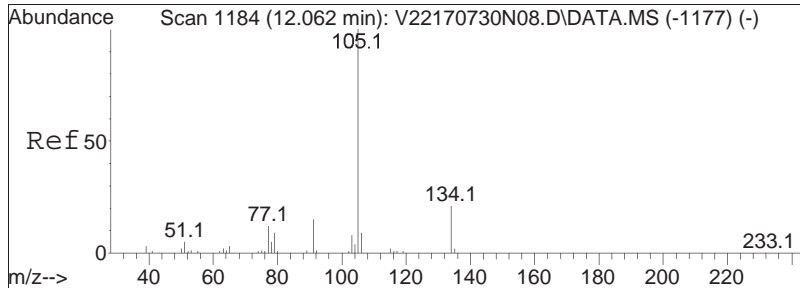




#101
 1,2,4-Trimethylbenzene
 Concen: 10.14 ug/L
 RT: 11.944 min Scan# 1168
 Delta R.T. -0.007 min
 Lab File: V22170816A01.D
 Acq: 16 Aug 2017 08:17 am

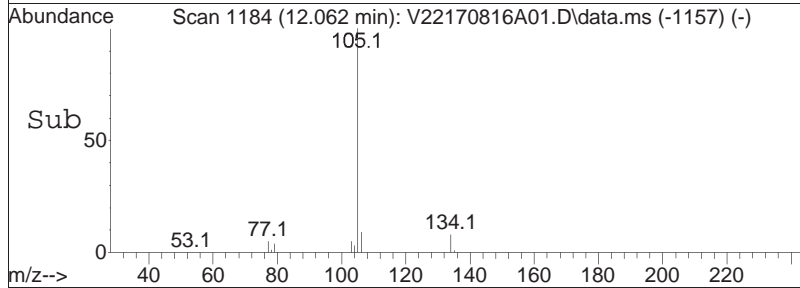
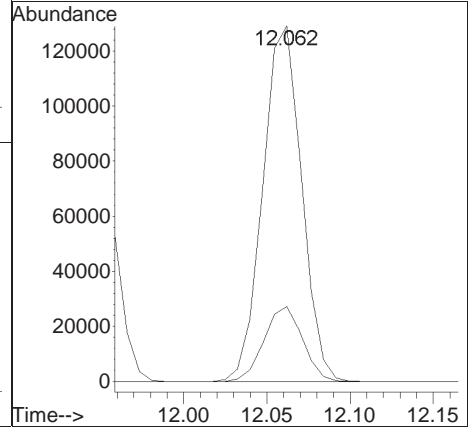
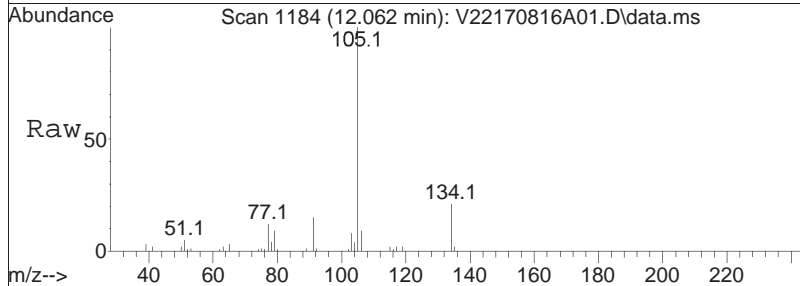
Tgt Ion	Resp	Lower	Upper
105	100		
120	47.3	38.5	57.7

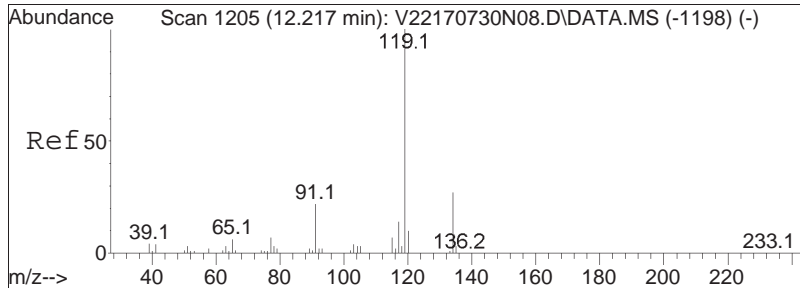




#102
 sec-Butylbenzene
 Concen: 10.32 ug/L
 RT: 12.062 min Scan# 1184
 Delta R.T. -0.000 min
 Lab File: V22170816A01.D
 Acq: 16 Aug 2017 08:17 am

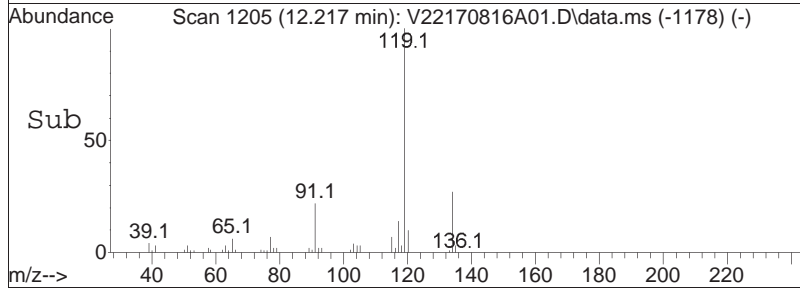
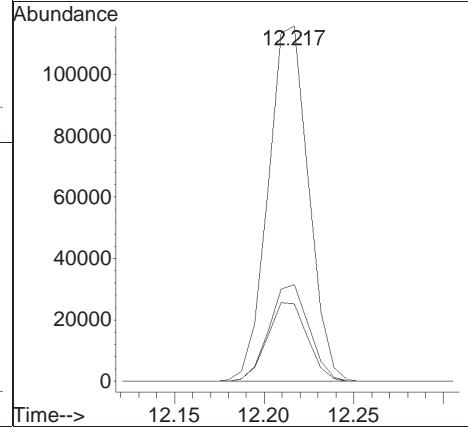
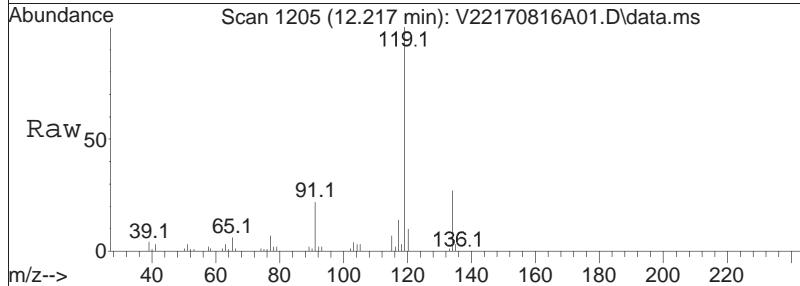
Tgt Ion	Resp	Lower	Upper
105	100		
134	20.8	13.9	28.9

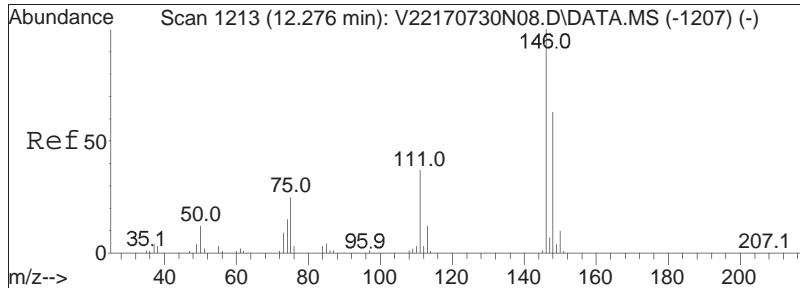




#103
 p-Isopropyltoluene
 Concen: 10.29 ug/L
 RT: 12.217 min Scan# 1205
 Delta R.T. -0.000 min
 Lab File: V22170816A01.D
 Acq: 16 Aug 2017 08:17 am

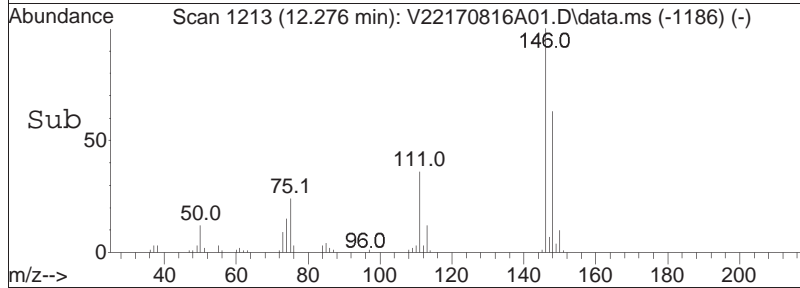
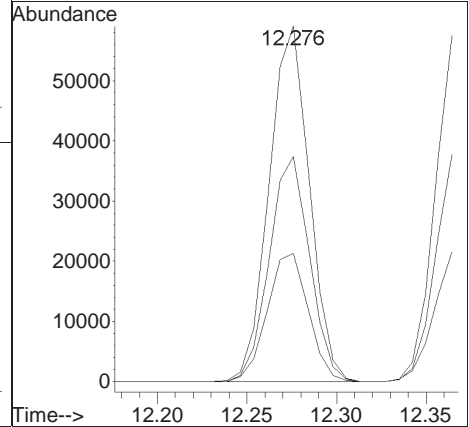
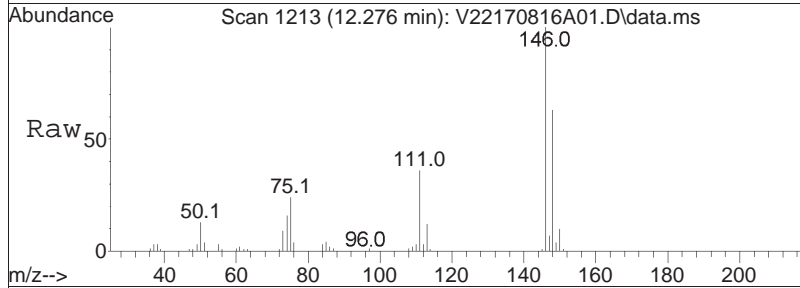
Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.0	17.7	36.7
91	22.2	14.1	29.3

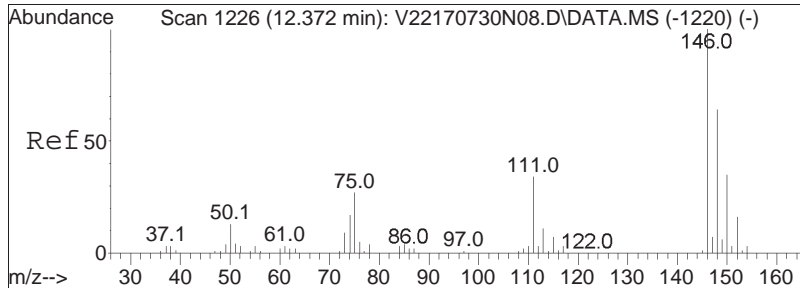




#104
 1,3-Dichlorobenzene
 Concen: 9.86 ug/L
 RT: 12.276 min Scan# 1213
 Delta R.T. -0.000 min
 Lab File: V22170816A01.D
 Acq: 16 Aug 2017 08:17 am

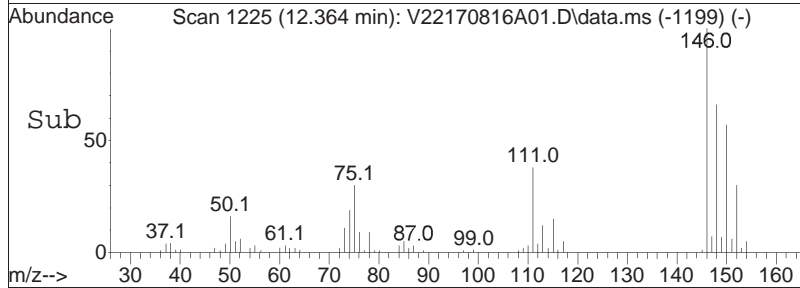
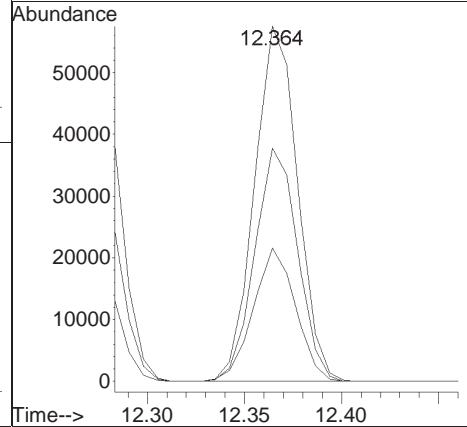
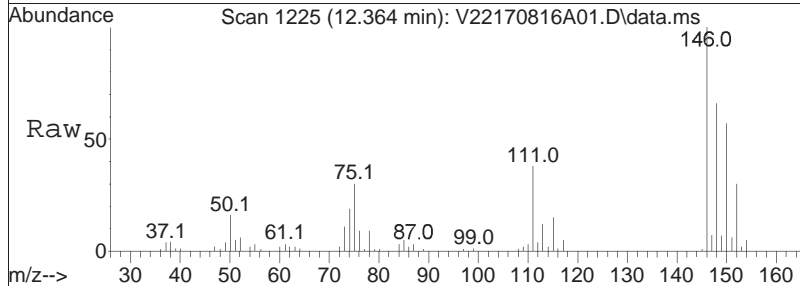
Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.8	24.0	49.8
148	63.5	41.8	86.8

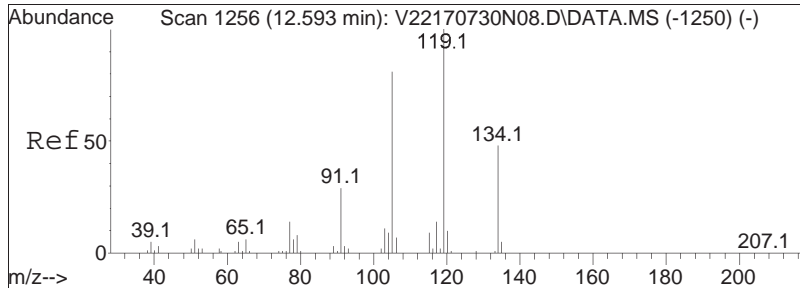




#105
 1,4-Dichlorobenzene
 Concen: 9.61 ug/L
 RT: 12.364 min Scan# 1225
 Delta R.T. -0.008 min
 Lab File: V22170816A01.D
 Acq: 16 Aug 2017 08:17 am

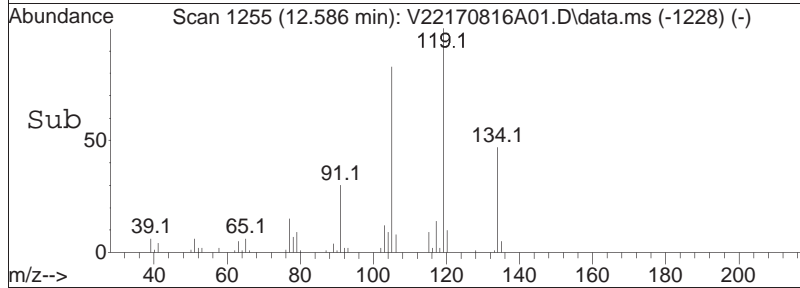
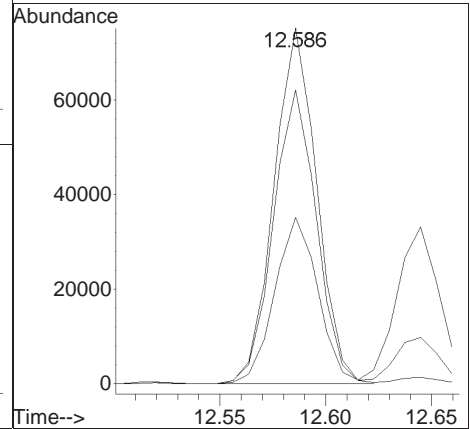
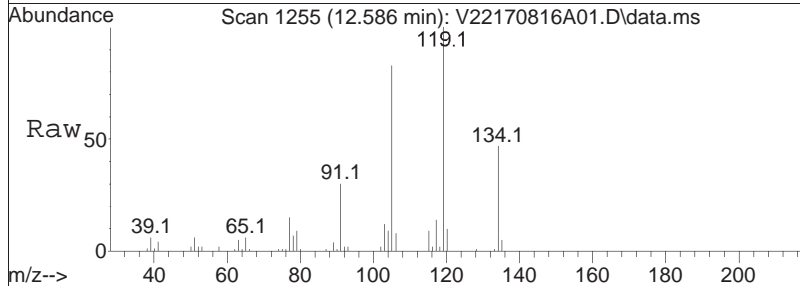
Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.0	28.9	43.3
148	65.5	51.4	77.2

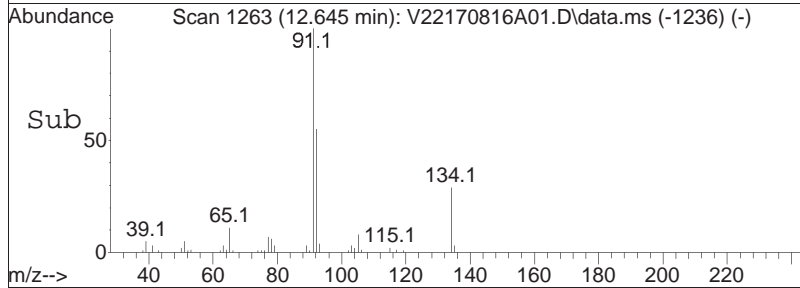
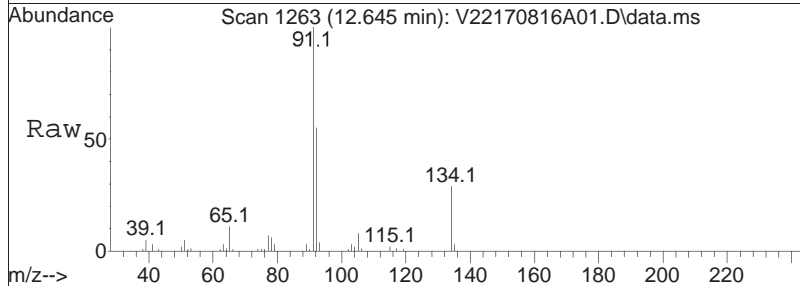
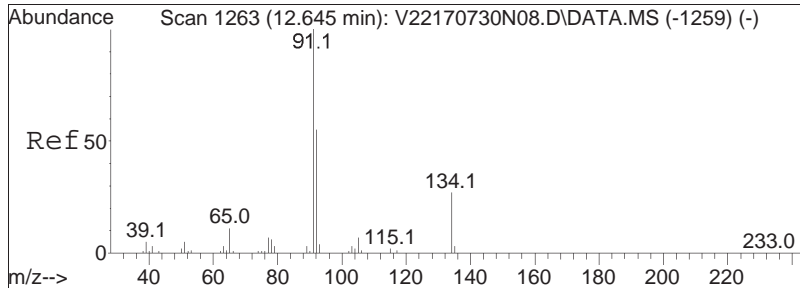




#106
 p-Diethylbenzene
 Concen: 10.30 ug/L
 RT: 12.586 min Scan# 1255
 Delta R.T. -0.000 min
 Lab File: V22170816A01.D
 Acq: 16 Aug 2017 08:17 am

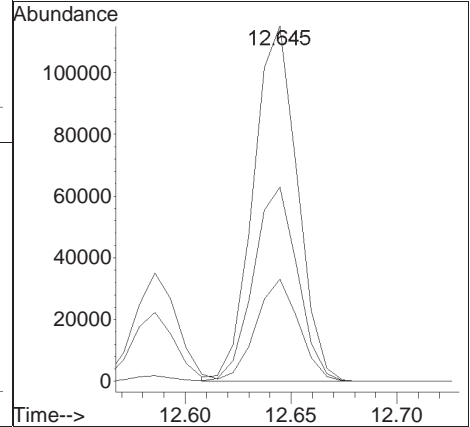
Tgt Ion	Resp	Lower	Upper
119	105137		
119	100		
105	83.3	53.4	110.8
134	47.2	30.9	64.1

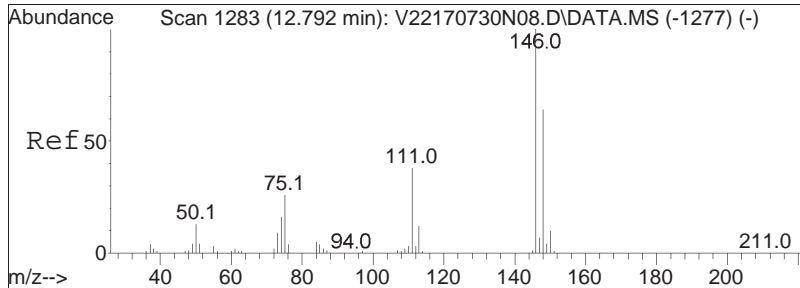




#107
 n-Butylbenzene
 Concen: 10.84 ug/L
 RT: 12.645 min Scan# 1263
 Delta R.T. -0.000 min
 Lab File: V22170816A01.D
 Acq: 16 Aug 2017 08:17 am

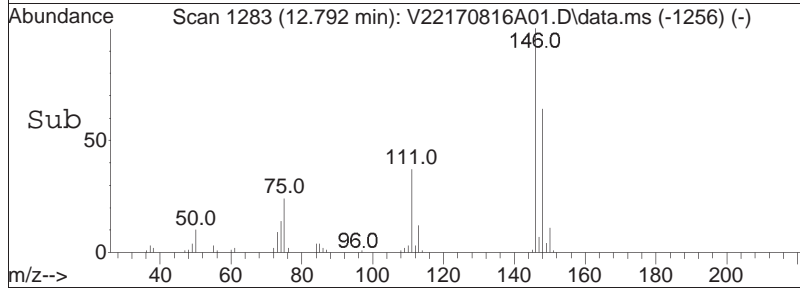
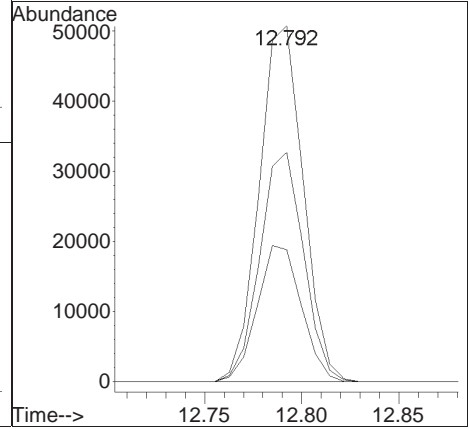
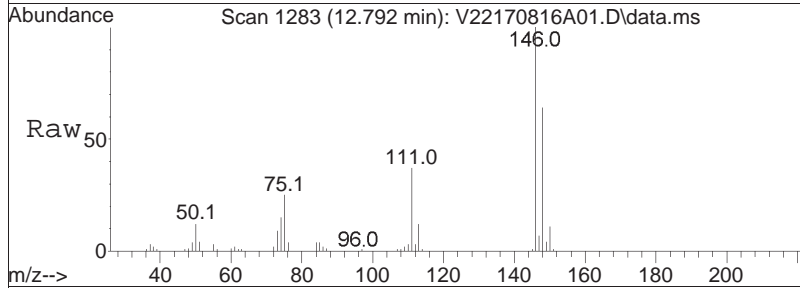
Tgt Ion:	Resp:	Lower	Upper
91	100		
92	54.7	44.6	66.8
134	27.9	22.9	34.3

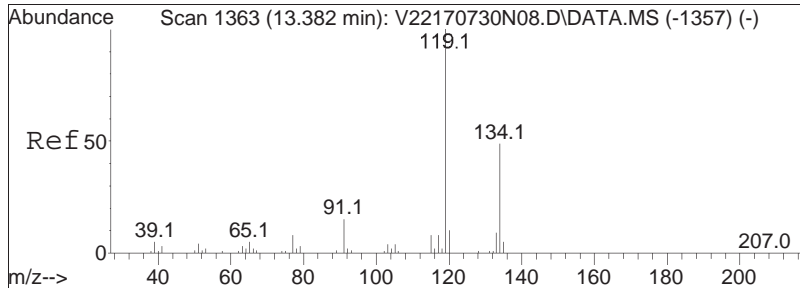




#108
 1,2-Dichlorobenzene
 Concen: 9.52 ug/L
 RT: 12.792 min Scan# 1283
 Delta R.T. 0.000 min
 Lab File: V22170816A01.D
 Acq: 16 Aug 2017 08:17 am

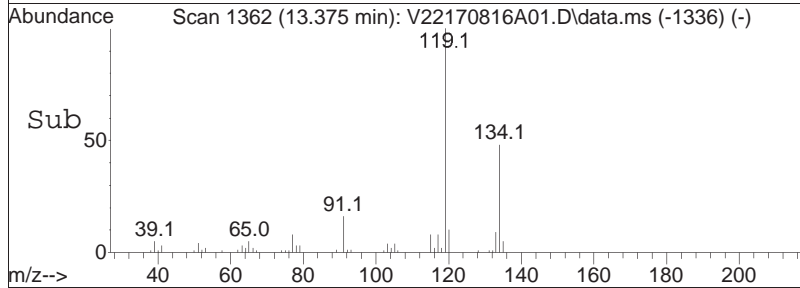
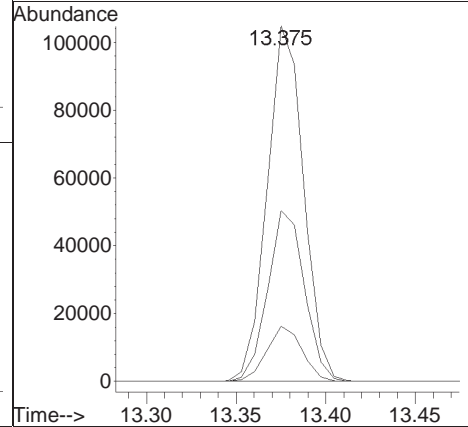
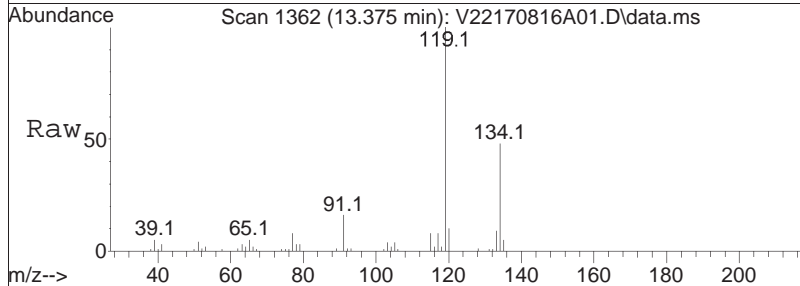
Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.4	24.8	51.6
148	64.0	42.2	87.6

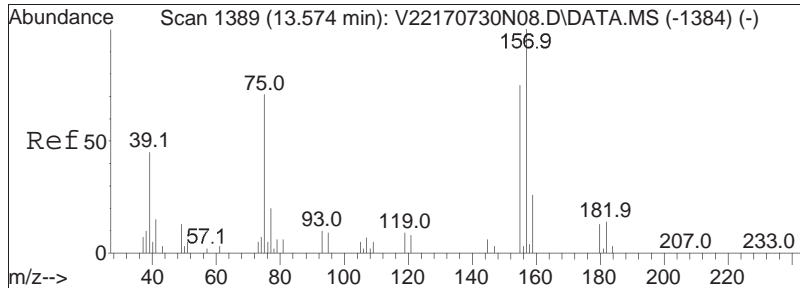




#109
 1,2,4,5-Tetramethylbenzene
 Concen: 9.83 ug/L
 RT: 13.375 min Scan# 1362
 Delta R.T. -0.007 min
 Lab File: V22170816A01.D
 Acq: 16 Aug 2017 08:17 am

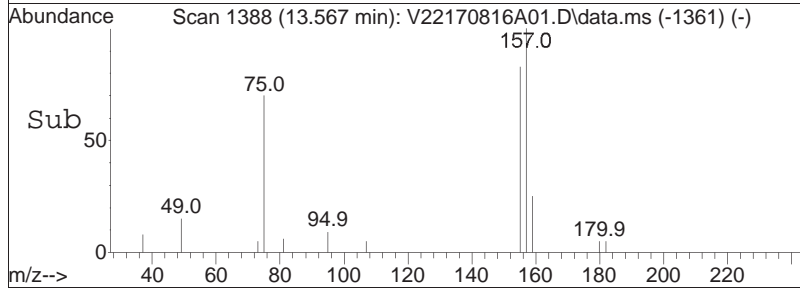
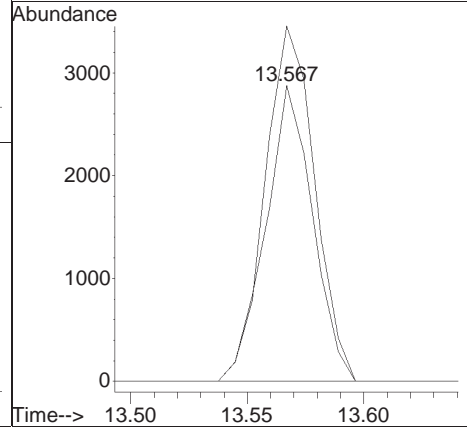
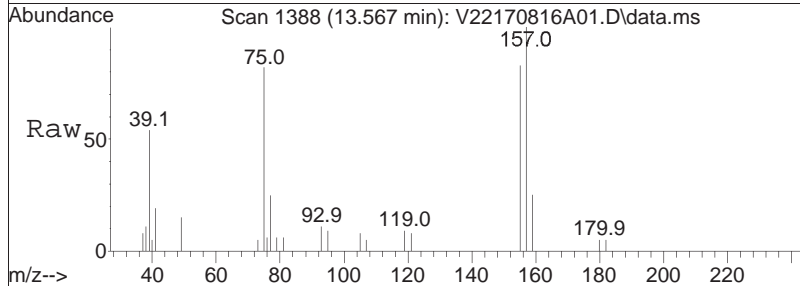
Tgt Ion	Ratio	Resp	Lower	Upper
119	100	148256		
134	48.4		31.9	66.1
91	15.1		9.8	20.3

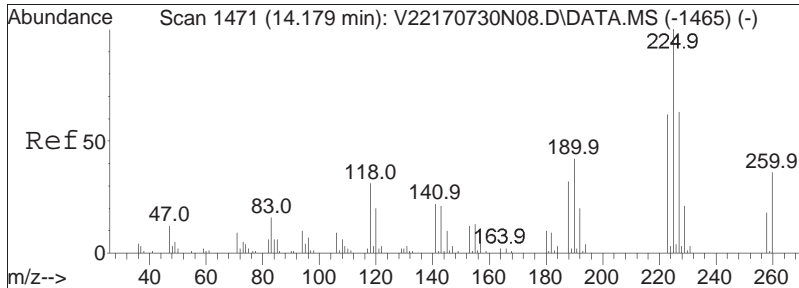




#110
 1,2-Dibromo-3-chloropropane
 Concen: 8.27 ug/L
 RT: 13.567 min Scan# 1388
 Delta R.T. -0.000 min
 Lab File: V22170816A01.D
 Acq: 16 Aug 2017 08:17 am

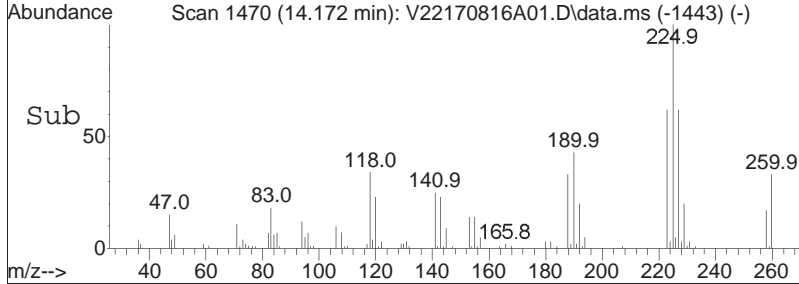
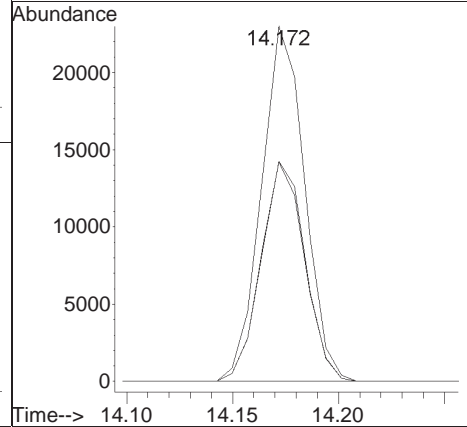
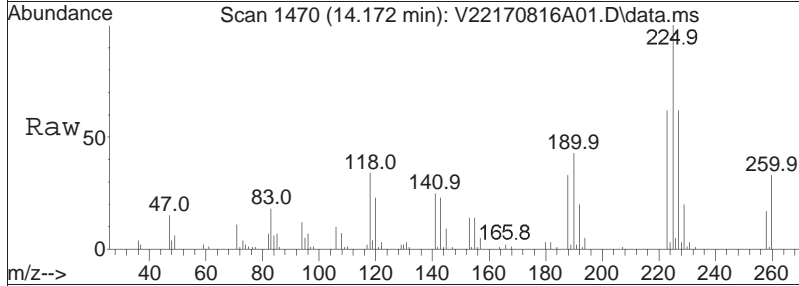
Tgt Ion: 155 Resp: 4044
 Ion Ratio Lower Upper
 155 100
 157 126.5 102.3 153.5

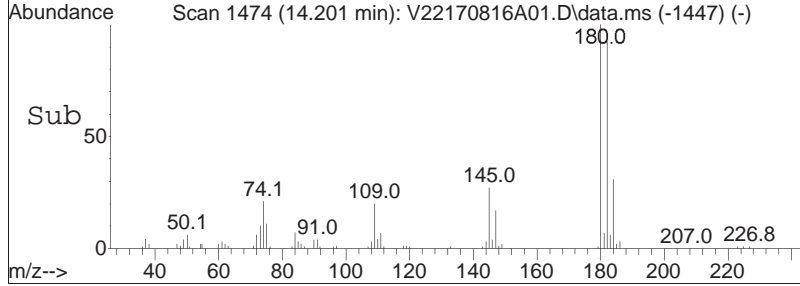
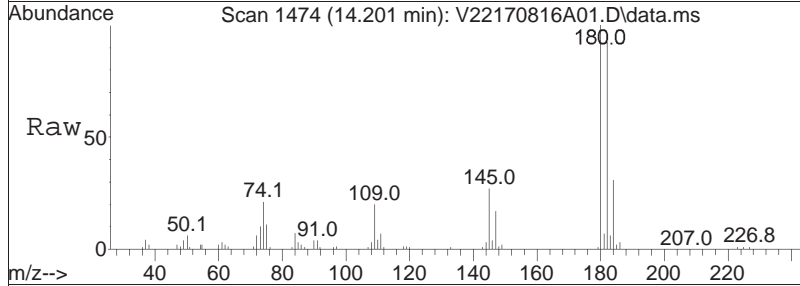
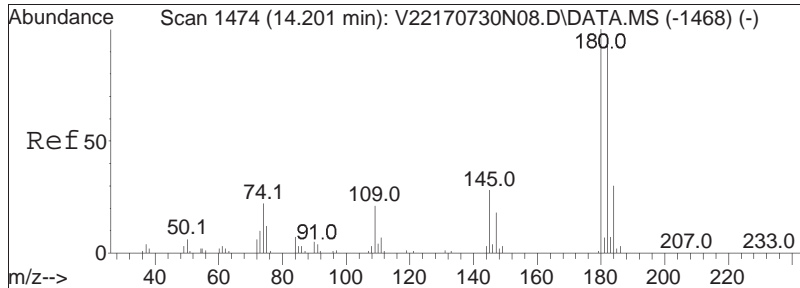




#112
 Hexachlorobutadiene
 Concen: 10.36 ug/L
 RT: 14.172 min Scan# 1470
 Delta R.T. -0.000 min
 Lab File: V22170816A01.D
 Acq: 16 Aug 2017 08:17 am

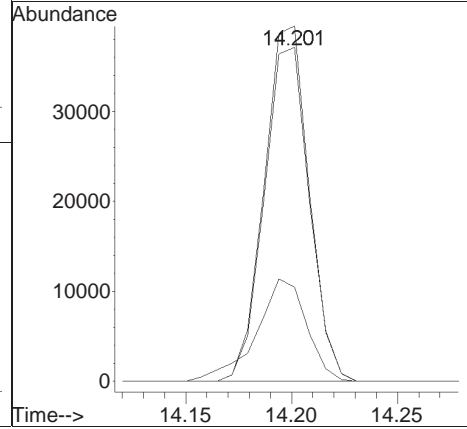
Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	49.8	74.8
227	63.0	52.2	78.4

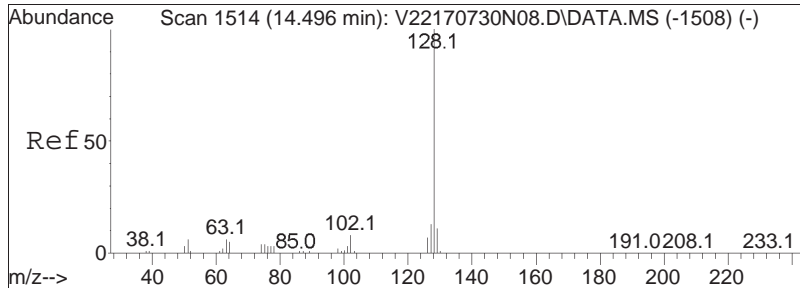




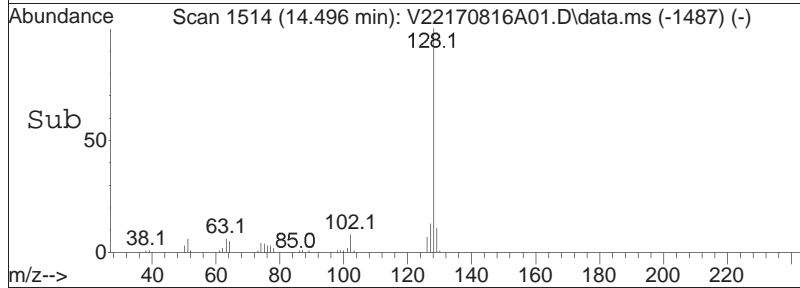
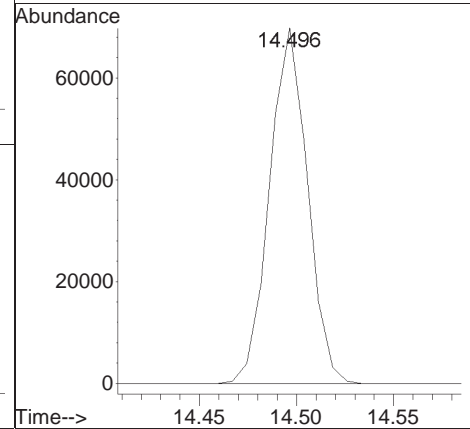
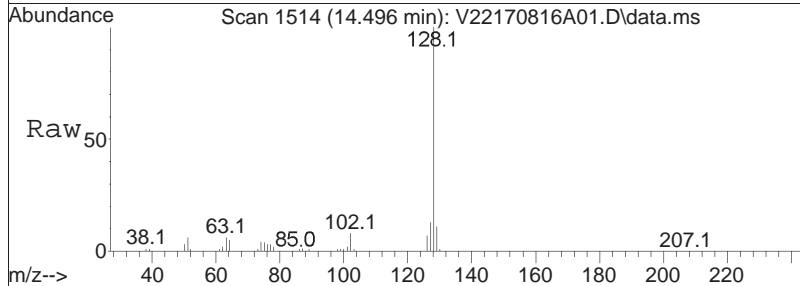
#113
 1,2,4-Trichlorobenzene
 Concen: 9.45 ug/L
 RT: 14.201 min Scan# 1474
 Delta R.T. 0.000 min
 Lab File: V22170816A01.D
 Acq: 16 Aug 2017 08:17 am

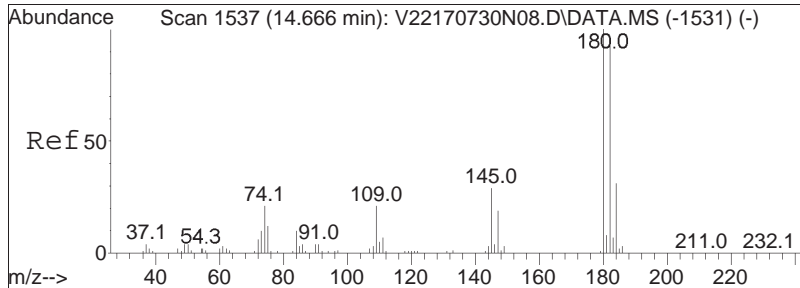
Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	76.6	114.8
145	32.3	25.5	38.3





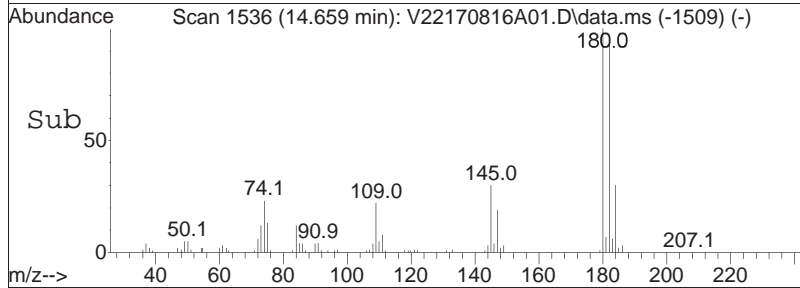
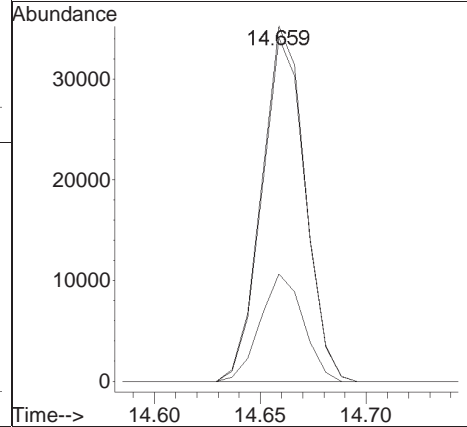
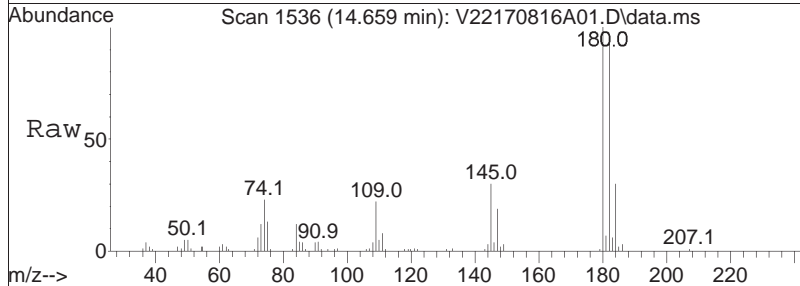
#114
 Naphthalene
 Concen: 8.67 ug/L
 RT: 14.496 min Scan# 1514
 Delta R.T. 0.000 min
 Lab File: V22170816A01.D
 Acq: 16 Aug 2017 08:17 am
 Tgt Ion:128 Resp: 94664





#115
 1,2,3-Trichlorobenzene
 Concen: 9.04 ug/L
 RT: 14.659 min Scan# 1536
 Delta R.T. -0.000 min
 Lab File: V22170816A01.D
 Acq: 16 Aug 2017 08:17 am

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	76.0	114.0
145	29.8	23.8	35.8



Manual Integration Report

Data Path : I:\VOLATILES\VOA122\2017\1QMethod : V122_170804A_8260.m
Data File : V22170816A01.D Operator : VOA122:PD
Date Inj'd : 8/16/2017 8:17 am Instrument : VOA122
Sample : WG1032492-3,31,10,10 Quant Date : 8/16/2017 8:40 am

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA122\2017\170813A\
 Data File : V22170814A02.D
 Acq On : 14 Aug 2017 12:52 pm
 Operator : VOA122:PD
 Sample : WG1031945-4,31,10,10 (Sig #1); 8260 CCAL (Sig #2)
 Misc : WG1031945,ICAL13890 (Sig #1); WG,ICAL13890 (Sig #2)
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 14 13:20:13 2017
 Quant Method : I:\VOLATILES\VOA122\2017\170813A\V122_170804A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sat Aug 05 11:45:14 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA122\2017\170813A\V22170814A01.D
 Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	

Internal Standards							
1) Fluorobenzene	6.101	96	130472	10.000	ug/L	0.00	
Standard Area 1 = 134445			Recovery =	97.04%			
62) Chlorobenzene-d5	9.658	117	111787	10.000	ug/L	0.00	
Standard Area 1 = 113575			Recovery =	98.43%			
83) 1,4-Dichlorobenzene-d4	12.350	152	59009	10.000	ug/L	0.00	
Standard Area 1 = 59934			Recovery =	98.46%			
System Monitoring Compounds							
38) Dibromofluoromethane	5.270	113	32810	9.730	ug/L	0.00	
Spiked Amount 10.000	Range 70 - 130		Recovery =	97.30%			
46) 1,2-Dichloroethane-d4	5.813	65	29525	9.460	ug/L	0.00	
Spiked Amount 10.000	Range 70 - 130		Recovery =	94.60%			
63) Toluene-d8	7.807	98	134247	9.990	ug/L	0.00	
Spiked Amount 10.000	Range 70 - 130		Recovery =	99.90%			
87) 4-Bromofluorobenzene	11.144	95	52241	10.248	ug/L	0.00	
Spiked Amount 10.000	Range 70 - 130		Recovery =	102.48%			
Target Compounds							
							Qvalue
2) Dichlorodifluoromethane	1.628	85	39287	15.034	ug/L		99
3) Chloromethane	1.824	50	32006	10.751	ug/L		98
4) Vinyl chloride	1.896	62	46654	12.521	ug/L		100
5) Bromomethane	2.227	94	14933M1	6.122	ug/L		
6) Chloroethane	2.350	64	27214	12.143	ug/L		100
7) Trichlorofluoromethane	2.495	101	61026	11.891	ug/L		100
8) Ethyl ether	2.804	74	16780	10.534	ug/L	#	1
10) 1,1-Dichloroethene	2.990	96	36917	11.653	ug/L		99
11) Carbon disulfide	3.021	76	96863	11.903	ug/L		100
15) Methylene chloride	3.558	84	38894	11.521	ug/L		99
17) Acetone	3.609	43	3921	9.616	ug/L		96
18) trans-1,2-Dichloroethene	3.712	96	42779	11.690	ug/L		100
21) Methyl tert-butyl ether	3.815	73	81528	10.417	ug/L		100
25) 1,1-Dichloroethane	4.311	63	68647	11.862	ug/L		99
27) Acrylonitrile	4.362	53	6446	11.136	ug/L		96
29) Vinyl acetate	4.548	43	58591	10.997	ug/L		98
30) cis-1,2-Dichloroethene	4.827	96	45765	11.656	ug/L		99
31) 2,2-Dichloropropane	4.940	77	63853	12.754	ug/L		99
32) Bromochloromethane	5.023	128	19623	11.873	ug/L		99
34) Chloroform	5.095	83	70505	11.722	ug/L		99

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA122\2017\170813A\
 Data File : V22170814A02.D
 Acq On : 14 Aug 2017 12:52 pm
 Operator : VOA122:PD
 Sample : WG1031945-4,31,10,10 (Sig #1); 8260 CCAL (Sig #2)
 Misc : WG1031945,ICAL13890 (Sig #1); WG,ICAL13890 (Sig #2)
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 14 13:20:13 2017
 Quant Method : I:\VOLATILES\VOA122\2017\170813A\V122_170804A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sat Aug 05 11:45:14 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA122\2017\170813A\V22170814A01.D
 Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) Carbon tetrachloride	5.229	117	59811	12.599	ug/L	99
39) 1,1,1-Trichloroethane	5.301	97	66617	11.652	ug/L	99
41) 2-Butanone	5.404	43	6606	11.084	ug/L	93
42) 1,1-Dichloropropene	5.425	75	56136	11.890	ug/L	99
44) Benzene	5.673	78	160523	11.375	ug/L	99
47) 1,2-Dichloroethane	5.883	62	40657	11.101	ug/L	99
51) Trichloroethene	6.265	95	43941	12.051	ug/L	97
53) Dibromomethane	6.716	93	13778	10.144	ug/L	97
54) 1,2-Dichloropropane	6.825	63	35385	11.554	ug/L	100
57) Bromodichloromethane	6.887	83	50624	11.071	ug/L	100
60) 1,4-Dioxane	7.113	88	4284	778.459	ug/L	89
61) cis-1,3-Dichloropropene	7.592	75	59452	11.299	ug/L	100
64) Toluene	7.862	92	103444	11.389	ug/L	99
65) 4-Methyl-2-pentanone	8.306	58	6152	9.263	ug/L	96
66) Tetrachloroethene	8.306	166	52720	11.219	ug/L	98
68) trans-1,3-Dichloropropene	8.341	75	49831	11.097	ug/L	98
71) 1,1,2-Trichloroethane	8.528	83	22832	10.627	ug/L	99
72) Chlorodibromomethane	8.736	129	35274	10.409	ug/L	99
73) 1,3-Dichloropropane	8.861	76	46679	10.709	ug/L	100
74) 1,2-Dibromoethane	9.020	107	26935	9.890	ug/L	99
76) 2-Hexanone	9.321	43	9474	9.816	ug/L	99
77) Chlorobenzene	9.680	112	118107	11.180	ug/L	99
78) Ethylbenzene	9.723	91	204774	11.471	ug/L	100
79) 1,1,1,2-Tetrachloroethane	9.766	131	40917	11.106	ug/L	97
80) p/m Xylene	9.906	106	163455	22.859	ug/L	99
81) o Xylene	10.444	106	148827	22.683	ug/L	100
82) Styrene	10.509	104	234630	22.163	ug/L	100
84) Bromoform	10.530	173	22588	9.980	ug/L	99
86) Isopropylbenzene	10.831	105	215126	11.670	ug/L	99
88) Bromobenzene	11.251	156	49255	11.042	ug/L	99
89) n-Propylbenzene	11.305	91	252422	12.029	ug/L	99
91) 1,1,2,2-Tetrachloroethane	11.380	83	28417	10.384	ug/L	99
92) 4-Ethyltoluene	11.434	105	199599	11.805	ug/L	100
93) 2-Chlorotoluene	11.467	91	160340	11.828	ug/L	100
94) 1,3,5-Trimethylbenzene	11.531	105	168930	11.698	ug/L	100
95) 1,2,3-Trichloropropane	11.531	75	22885	10.418	ug/L	98
96) trans-1,4-Dichloro-2-b...	11.585	53	7418	10.754	ug/L	95
97) 4-Chlorotoluene	11.650	91	143675	11.636	ug/L	100
98) tert-Butylbenzene	11.870	119	154648	11.683	ug/L	99

Quantitation Report (QT Reviewed)

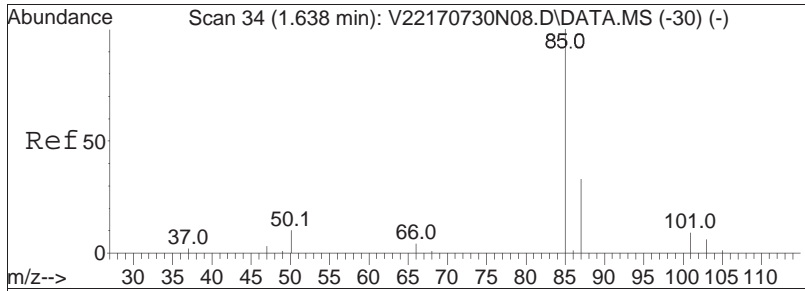
Data Path : I:\VOLATILES\VOA122\2017\170813A\
 Data File : V22170814A02.D
 Acq On : 14 Aug 2017 12:52 pm
 Operator : VOA122:PD
 Sample : WG1031945-4,31,10,10 (Sig #1); 8260 CCAL (Sig #2)
 Misc : WG1031945,ICAL13890 (Sig #1); WG,ICAL13890 (Sig #2)
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 14 13:20:13 2017
 Quant Method : I:\VOLATILES\VOA122\2017\170813A\V122_170804A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sat Aug 05 11:45:14 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA122\2017\170813A\V22170814A01.D
 Sub List : 8260-Curve - Megamix plus Diox

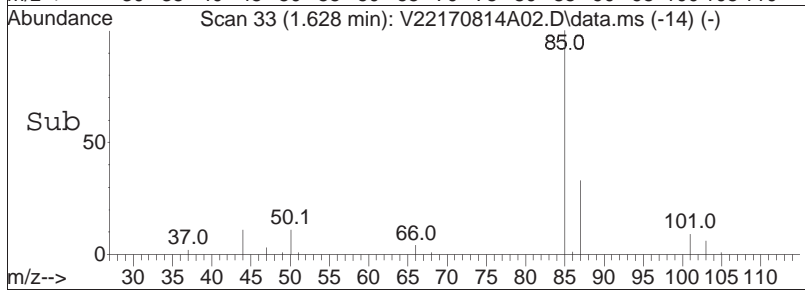
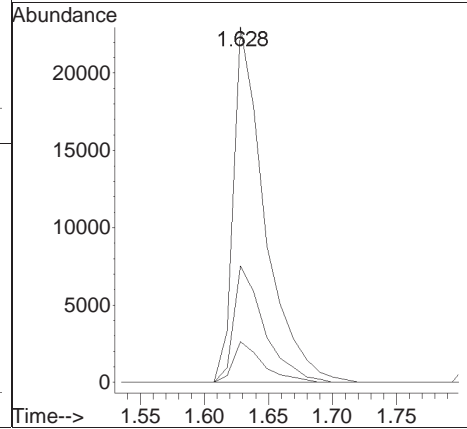
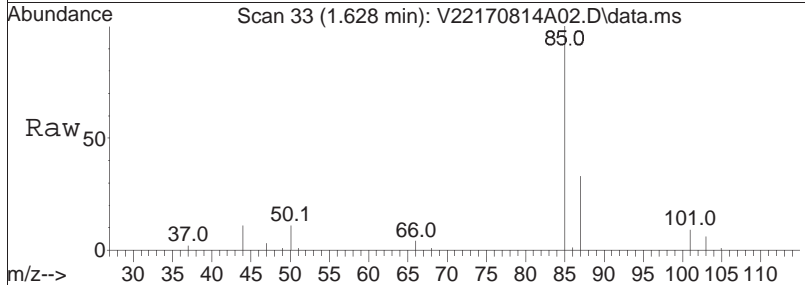
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
101) 1,2,4-Trimethylbenzene	11.944	105	168392	11.647	ug/L	99
102) sec-Butylbenzene	12.062	105	222193	11.856	ug/L	99
103) p-Isopropyltoluene	12.209	119	192678	11.847	ug/L	99
104) 1,3-Dichlorobenzene	12.276	146	98106	11.357	ug/L	100
105) 1,4-Dichlorobenzene	12.364	146	96140	11.266	ug/L	100
106) p-Diethylbenzene	12.586	119	111990	11.871	ug/L	99
107) n-Butylbenzene	12.645	91	174323	12.266	ug/L	99
108) 1,2-Dichlorobenzene	12.792	146	84725	10.917	ug/L	99
109) 1,2,4,5-Tetramethylben...	13.375	119	156742	11.246	ug/L	100
110) 1,2-Dibromo-3-chloropr...	13.567	155	4365	9.656	ug/L	99
112) Hexachlorobutadiene	14.172	225	34519	11.868	ug/L	99
113) 1,2,4-Trichlorobenzene	14.194	180	62231	10.892	ug/L	99
114) Naphthalene	14.496	128	100077	9.915	ug/L	100
115) 1,2,3-Trichlorobenzene	14.659	180	53590	10.418	ug/L	100

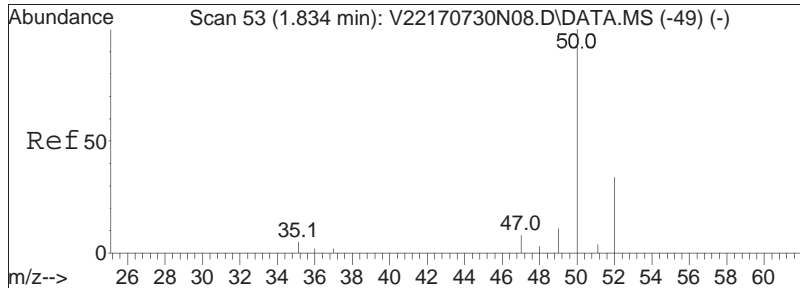
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 15.03 ug/L
 RT: 1.628 min Scan# 33
 Delta R.T. 0.000 min
 Lab File: V22170814A02.D
 Acq: 14 Aug 2017 12:52 pm

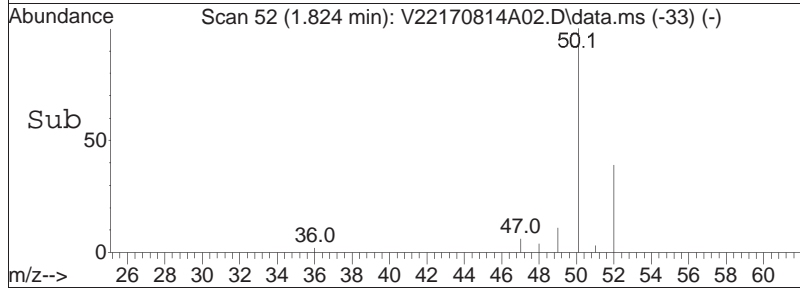
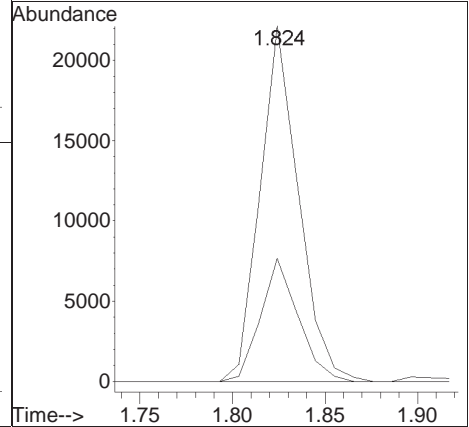
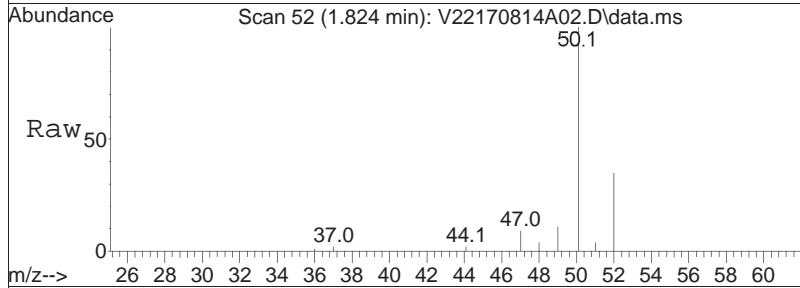
Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.1	20.7	42.9
50	10.9	6.8	14.2

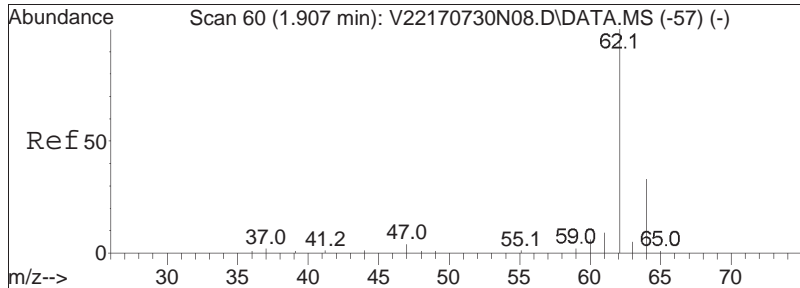




#3
 Chloromethane
 Concen: 10.75 ug/L
 RT: 1.824 min Scan# 52
 Delta R.T. 0.000 min
 Lab File: V22170814A02.D
 Acq: 14 Aug 2017 12:52 pm

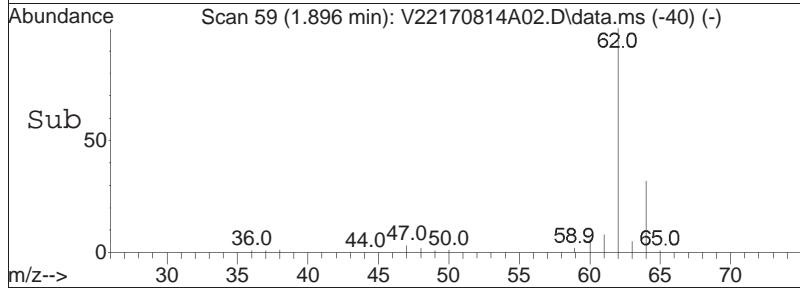
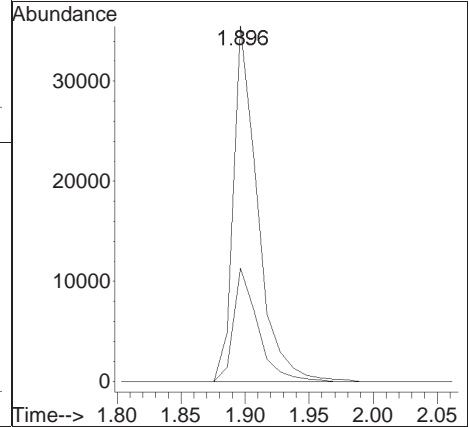
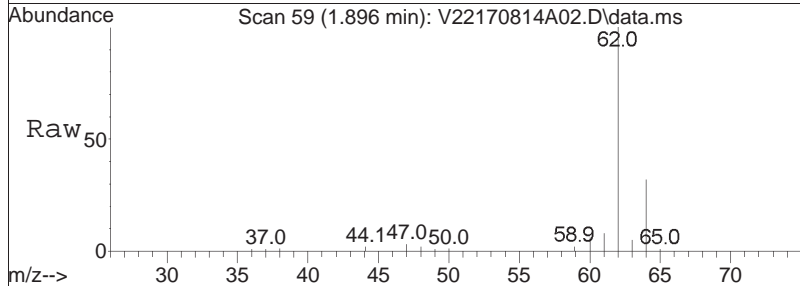
Tgt Ion	Resp	Lower	Upper
50	100		
52	33.8	12.8	52.8

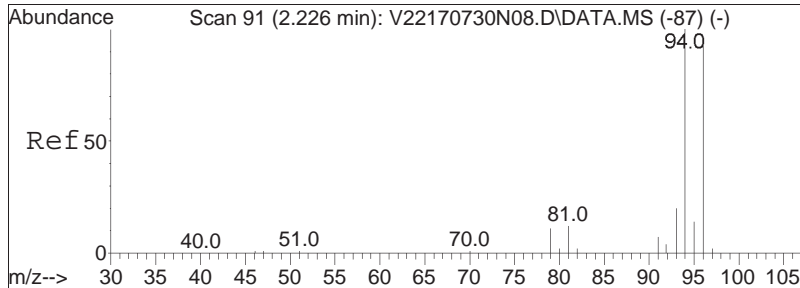




#4
 Vinyl chloride
 Concen: 12.52 ug/L
 RT: 1.896 min Scan# 59
 Delta R.T. 0.000 min
 Lab File: V22170814A02.D
 Acq: 14 Aug 2017 12:52 pm

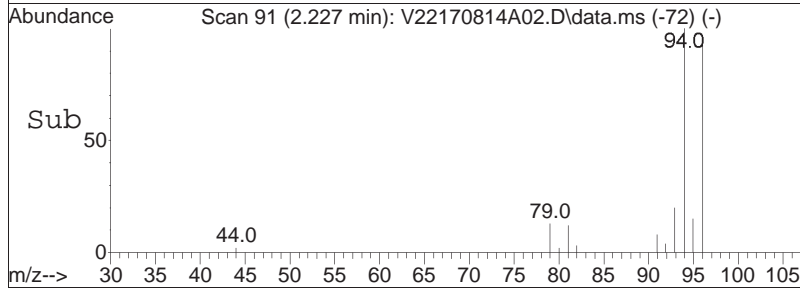
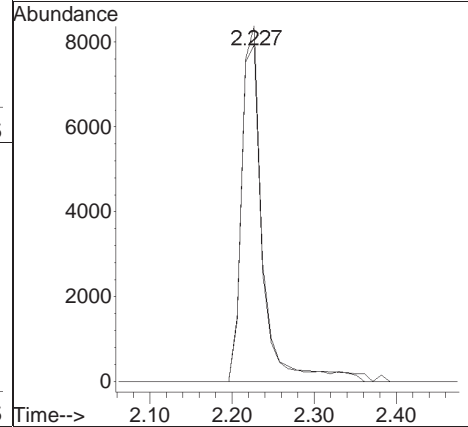
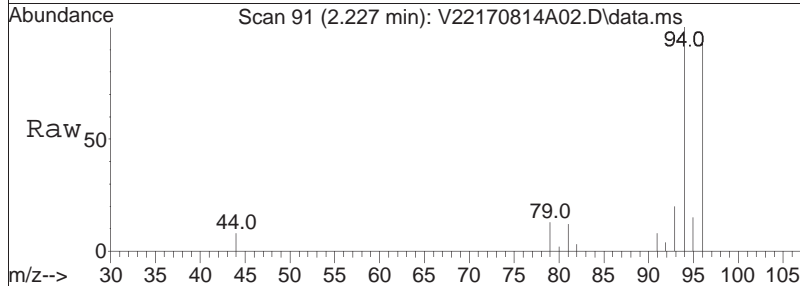
Tgt Ion:	Resp:		
Ion	Ratio	Lower	Upper
62	100		
64	31.8	12.0	52.0

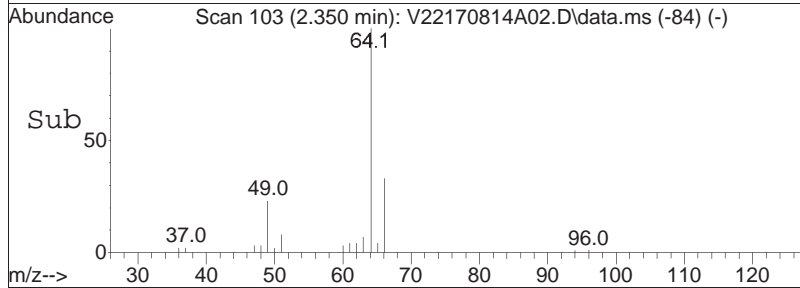
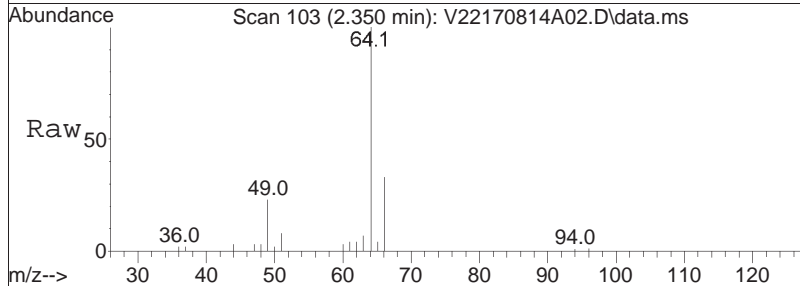
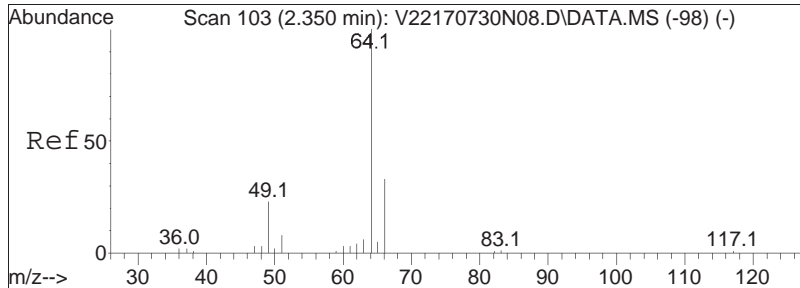




#5
 Bromomethane
 Concen: 6.12 ug/L M1
 RT: 2.227 min Scan# 91
 Delta R.T. 0.001 min
 Lab File: V22170814A02.D
 Acq: 14 Aug 2017 12:52 pm

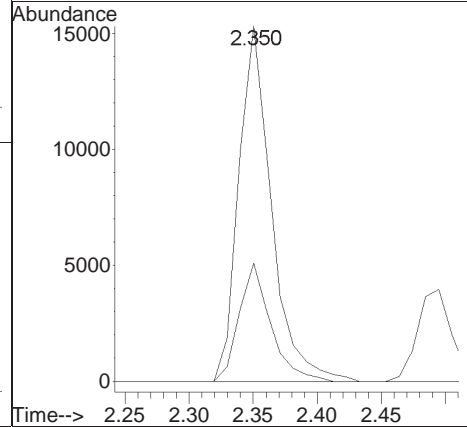
Tgt Ion: 94 Resp: 14933
 Ion Ratio Lower Upper
 94 100
 96 95.0 72.8 112.8

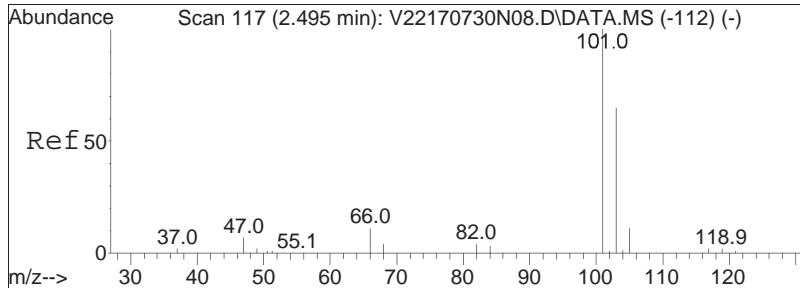




#6
 Chloroethane
 Concen: 12.14 ug/L
 RT: 2.350 min Scan# 103
 Delta R.T. 0.000 min
 Lab File: V22170814A02.D
 Acq: 14 Aug 2017 12:52 pm

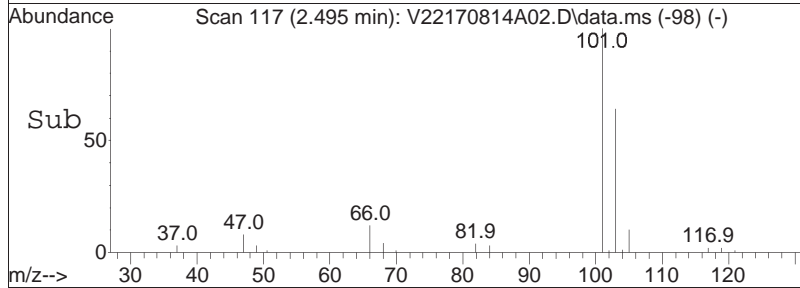
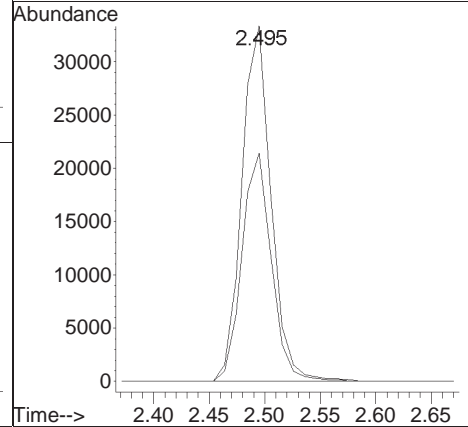
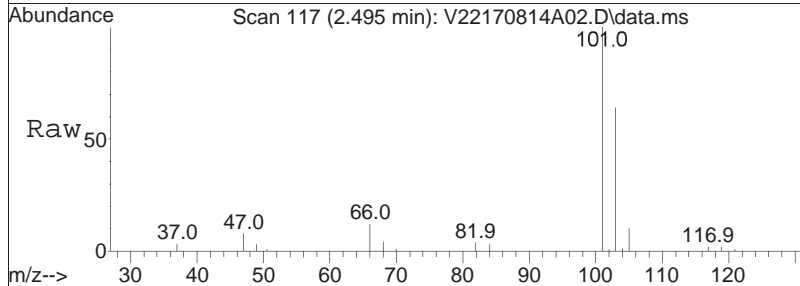
Tgt Ion:	64	Resp:	27214
Ion Ratio	100	Lower	Upper
66	32.2	12.2	52.2

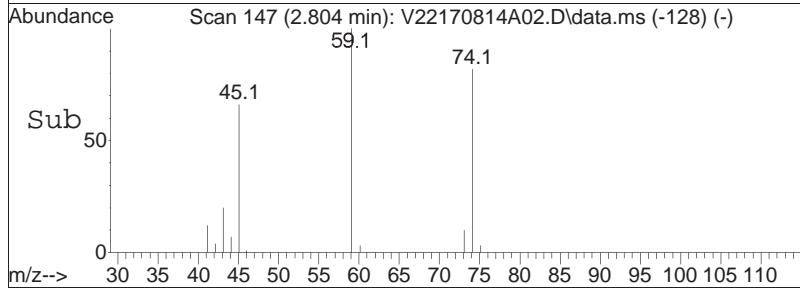
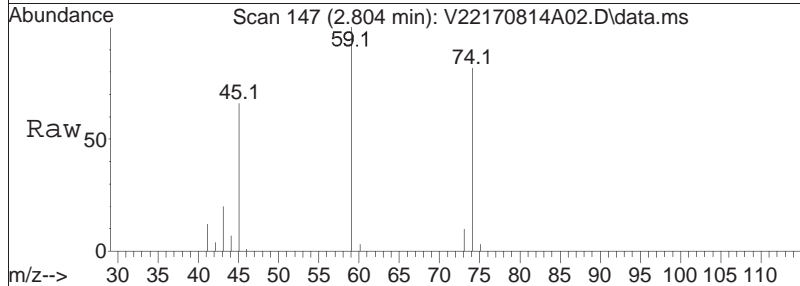
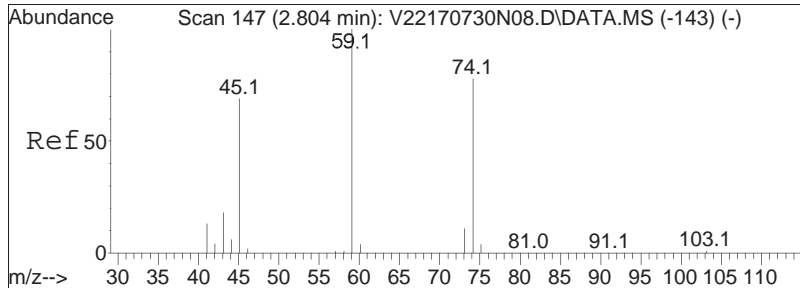




#7
 Trichlorofluoromethane
 Concen: 11.89 ug/L
 RT: 2.495 min Scan# 117
 Delta R.T. -0.000 min
 Lab File: V22170814A02.D
 Acq: 14 Aug 2017 12:52 pm

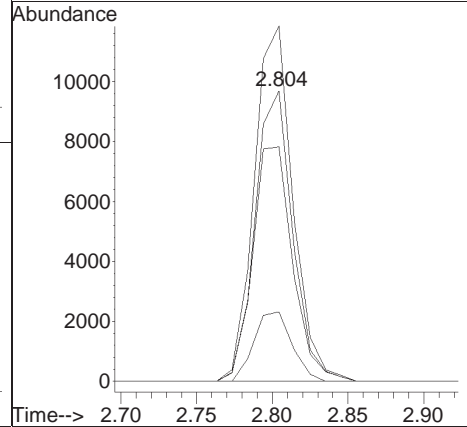
Tgt Ion	Ratio	Lower	Upper
101	100		
103	64.9	51.6	77.4

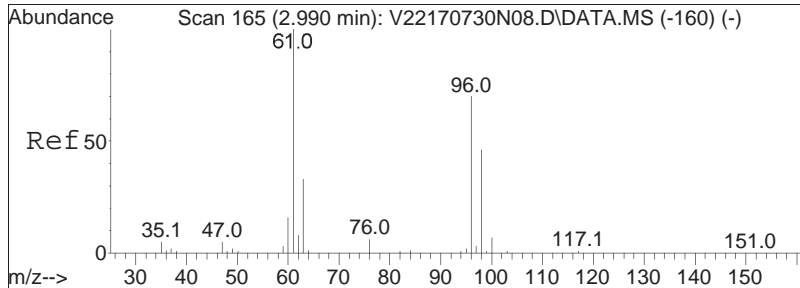




#8
 Ethyl ether
 Concen: 10.53 ug/L
 RT: 2.804 min Scan# 147
 Delta R.T. 0.000 min
 Lab File: V22170814A02.D
 Acq: 14 Aug 2017 12:52 pm

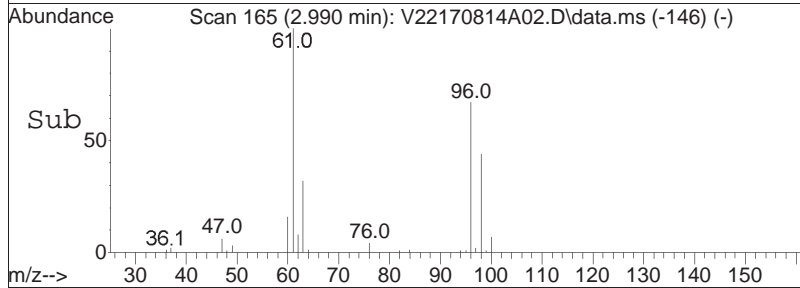
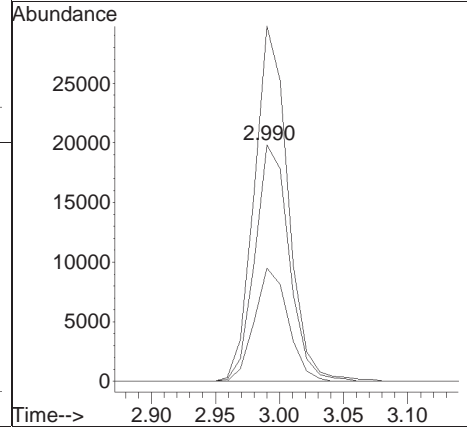
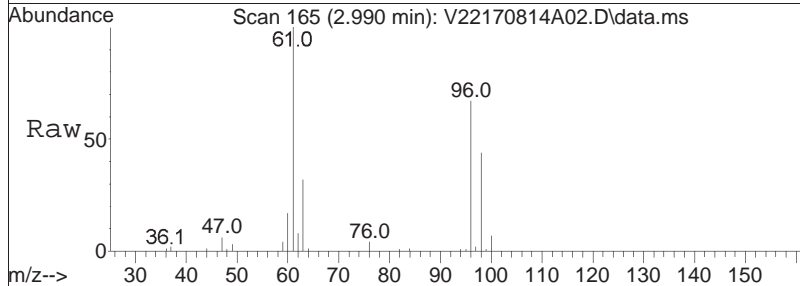
Tgt Ion	Resp	Lower	Upper
74	100		
59	125.5	2122.4	4408.0#
45	85.9	1435.1	2980.5#
43	24.2	407.9	847.3#

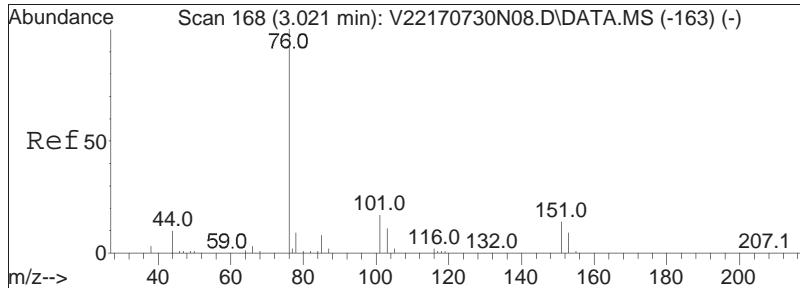




#10
 1,1-Dichloroethene
 Concen: 11.65 ug/L
 RT: 2.990 min Scan# 165
 Delta R.T. 0.000 min
 Lab File: V22170814A02.D
 Acq: 14 Aug 2017 12:52 pm

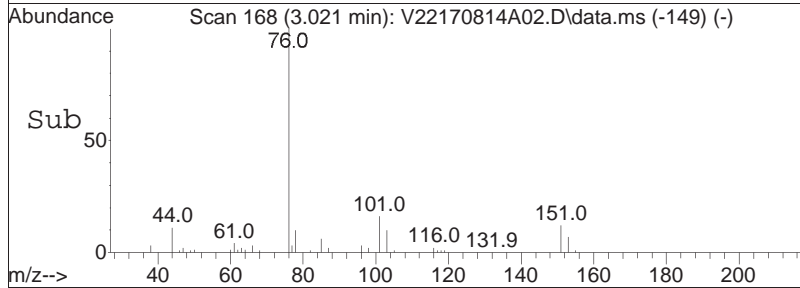
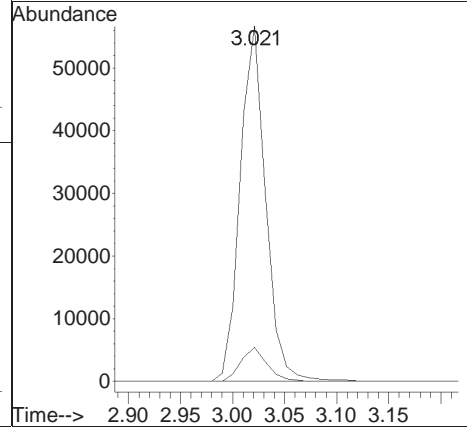
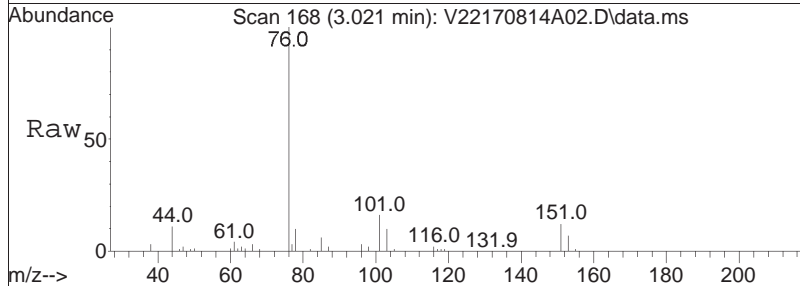
Tgt Ion	Resp	Lower	Upper
96	100		
61	148.2	117.0	175.4
63	47.1	37.8	56.6

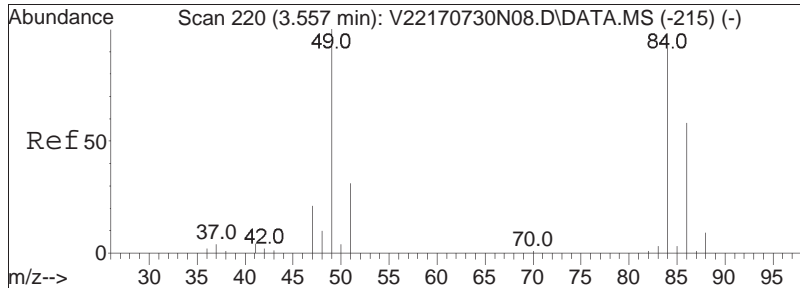




#11
 Carbon disulfide
 Concen: 11.90 ug/L
 RT: 3.021 min Scan# 168
 Delta R.T. -0.000 min
 Lab File: V22170814A02.D
 Acq: 14 Aug 2017 12:52 pm

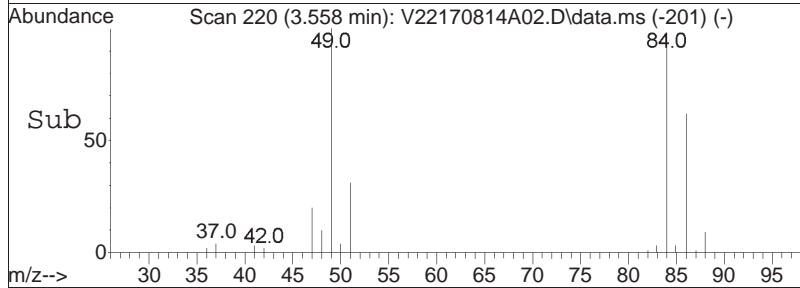
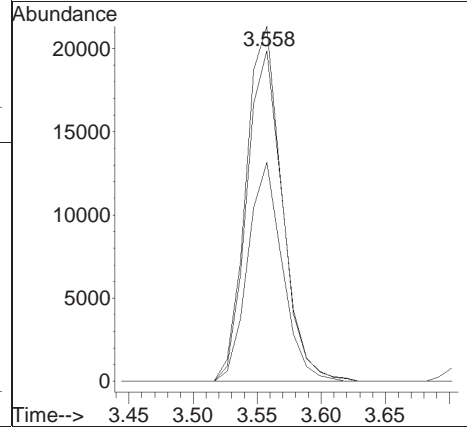
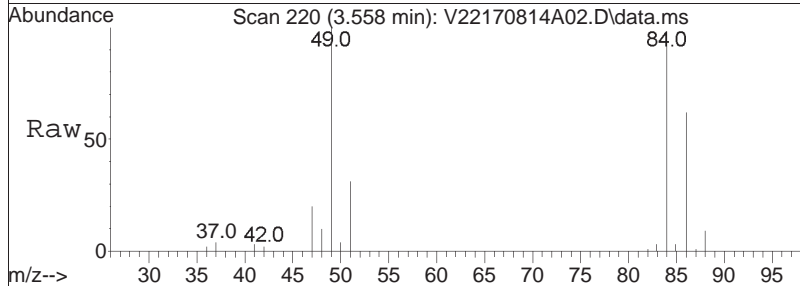
Tgt Ion: 76 Resp: 96863
 Ion Ratio Lower Upper
 76 100
 78 9.8 6.4 13.4

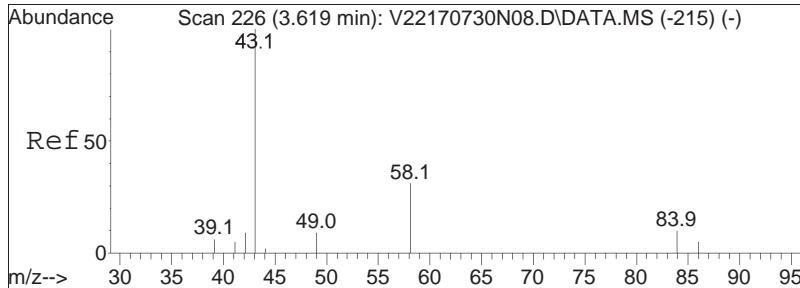




#15
 Methylene chloride
 Concen: 11.52 ug/L
 RT: 3.558 min Scan# 220
 Delta R.T. 0.001 min
 Lab File: V22170814A02.D
 Acq: 14 Aug 2017 12:52 pm

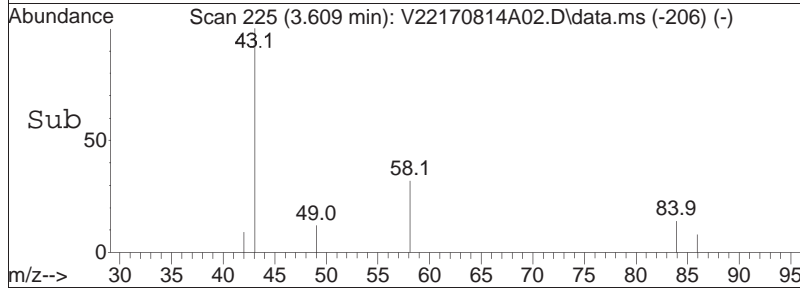
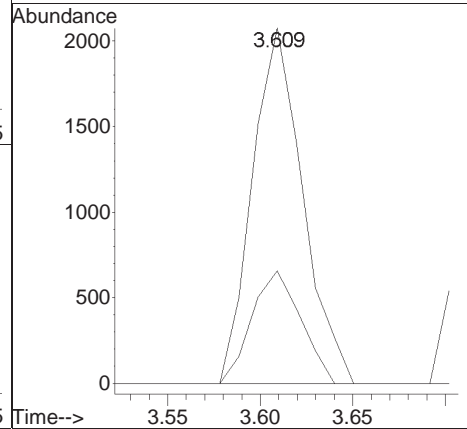
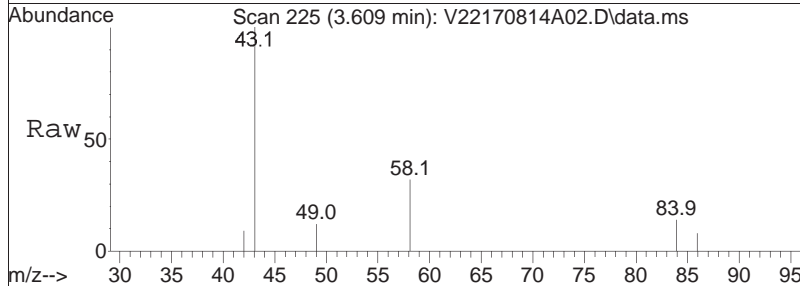
Tgt Ion:	84	Resp:	38894
Ion Ratio	Lower	Upper	
84	100		
86	63.8	41.5	86.3
49	107.3	68.8	143.0

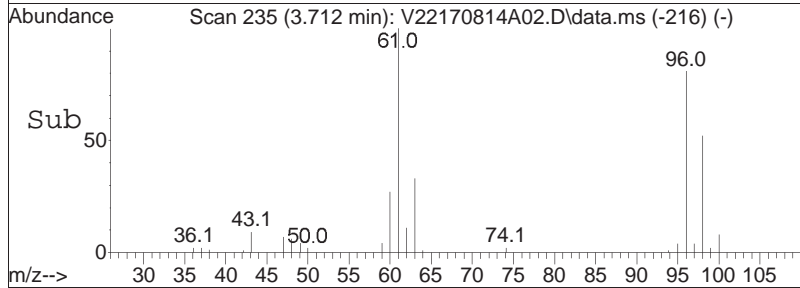
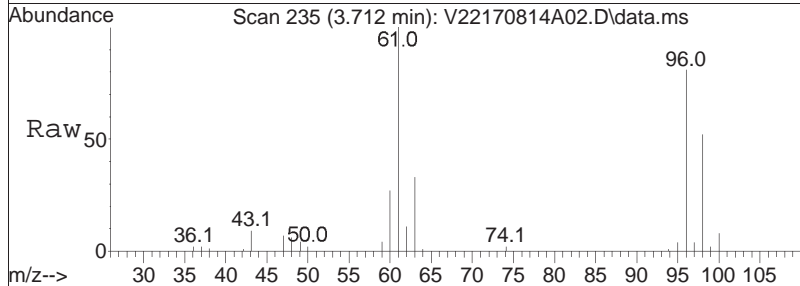
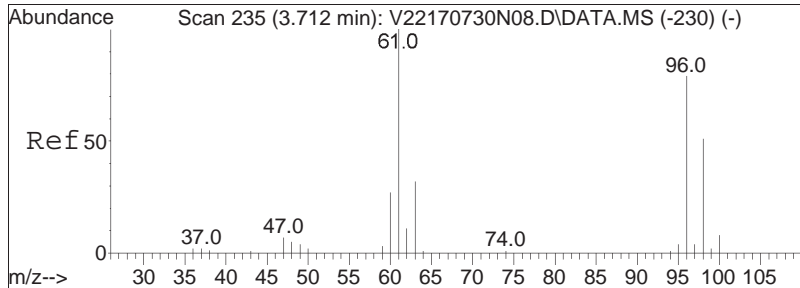




#17
 Acetone
 Concen: 9.62 ug/L
 RT: 3.609 min Scan# 225
 Delta R.T. 0.000 min
 Lab File: V22170814A02.D
 Acq: 14 Aug 2017 12:52 pm

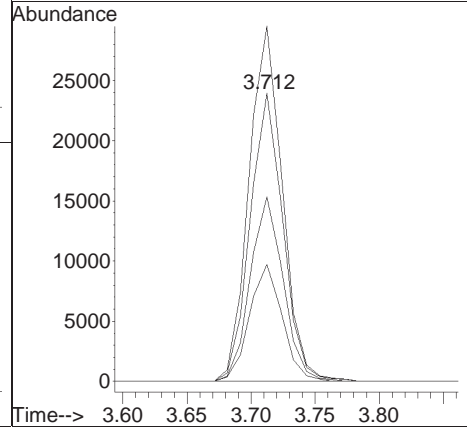
Tgt Ion	Resp	Lower	Upper
43	100		
58	30.8	23.1	34.7

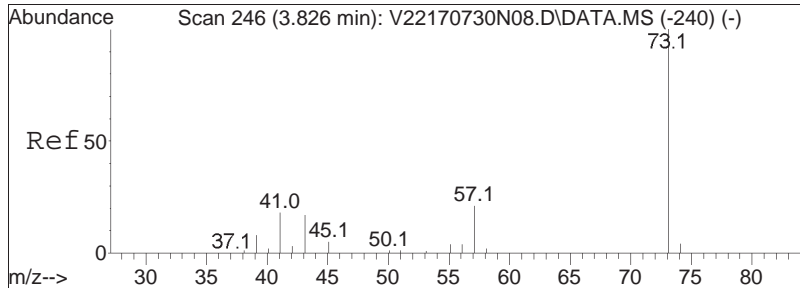




#18
 trans-1,2-Dichloroethene
 Concen: 11.69 ug/L
 RT: 3.712 min Scan# 235
 Delta R.T. 0.000 min
 Lab File: V22170814A02.D
 Acq: 14 Aug 2017 12:52 pm

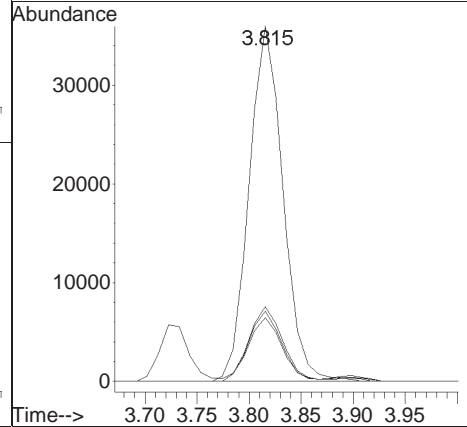
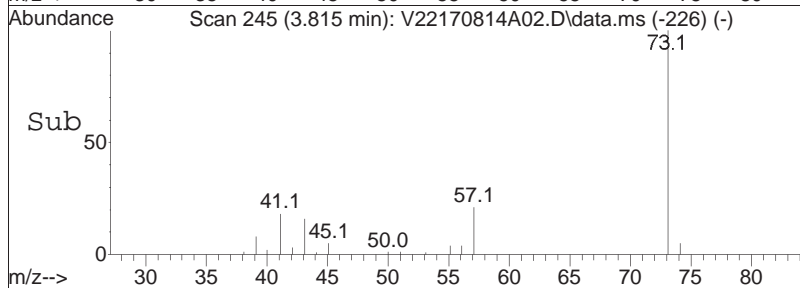
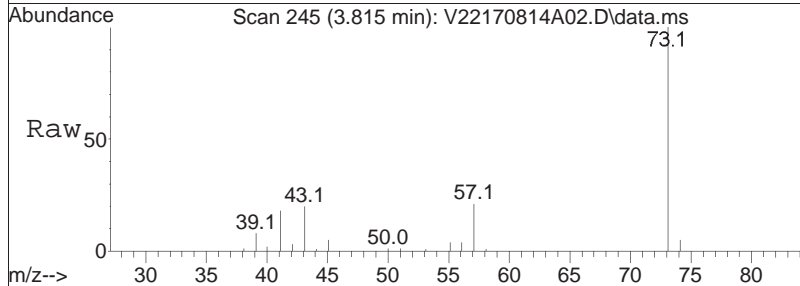
Tgt Ion	Resp	Lower	Upper
96	100		
61	125.2	81.6	169.6
98	64.3	41.8	86.8
63	40.5	26.3	54.7

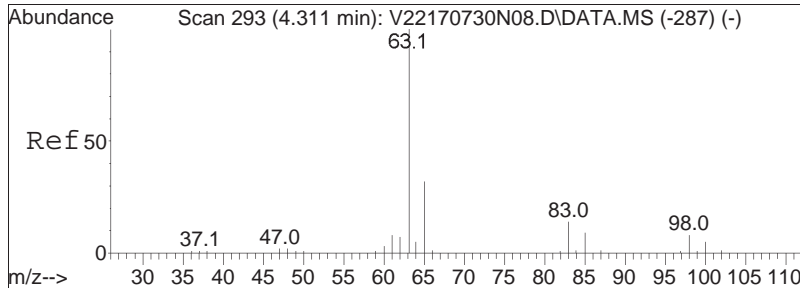




#21
 Methyl tert-butyl ether
 Concen: 10.42 ug/L
 RT: 3.815 min Scan# 245
 Delta R.T. 0.000 min
 Lab File: V22170814A02.D
 Acq: 14 Aug 2017 12:52 pm

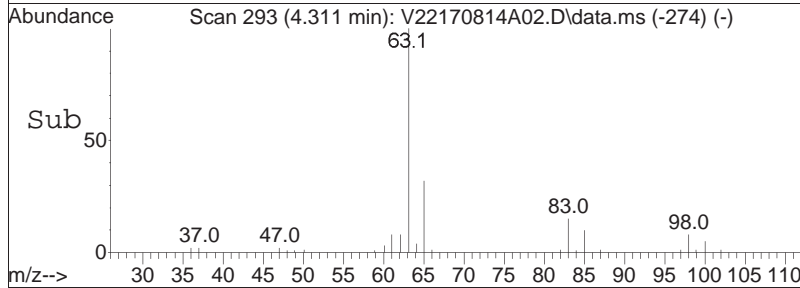
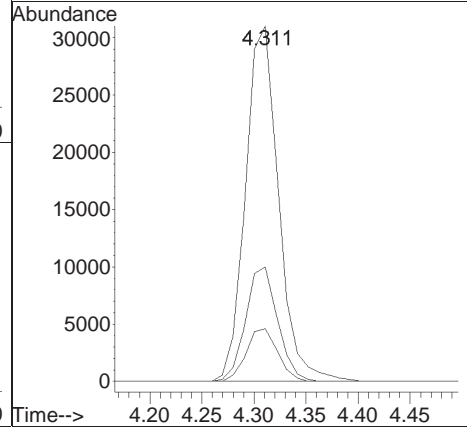
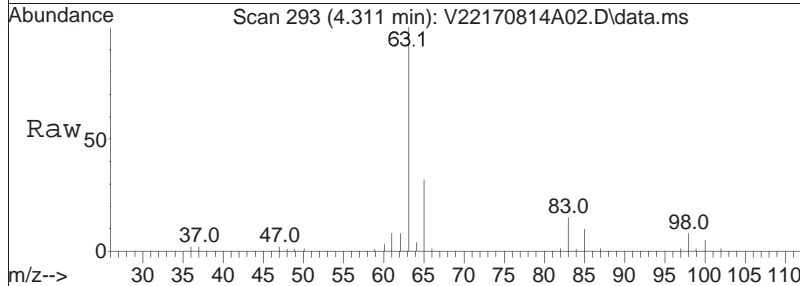
Tgt Ion	Resp	Lower	Upper
73	100		
57	21.1	13.6	28.2
43	19.5	12.7	26.5
41	18.0	11.4	23.8

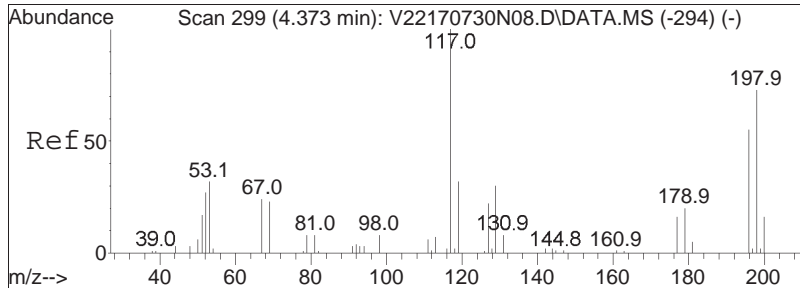




#25
 1,1-Dichloroethane
 Concen: 11.86 ug/L
 RT: 4.311 min Scan# 293
 Delta R.T. -0.000 min
 Lab File: V22170814A02.D
 Acq: 14 Aug 2017 12:52 pm

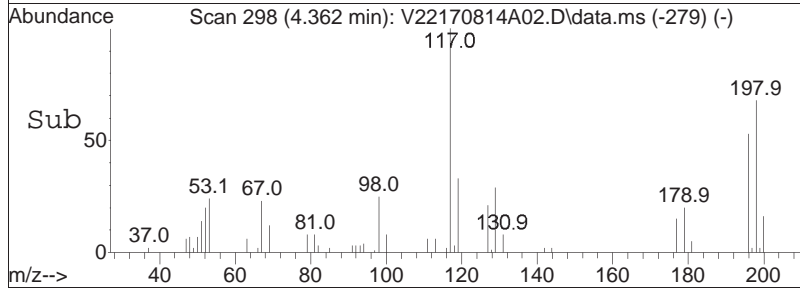
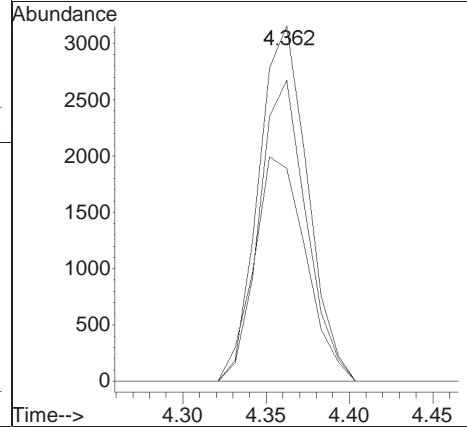
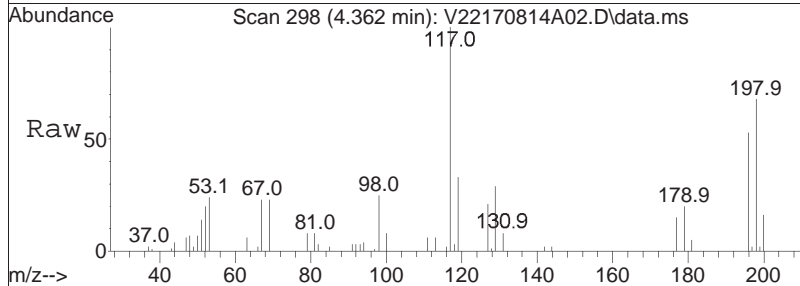
Tgt Ion:	Resp:		
Ion Ratio	Lower	Upper	
63	100		
65	31.1	11.9	51.9
83	14.1	0.0	34.2

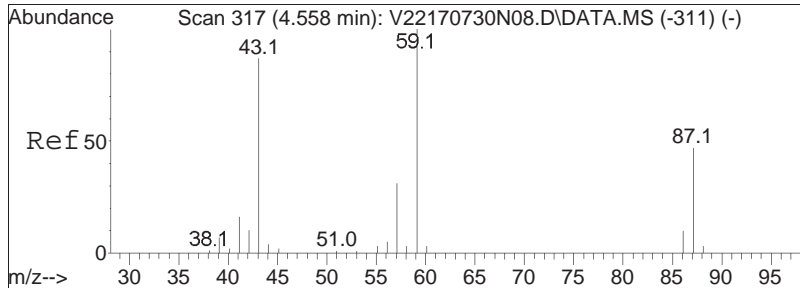




#27
 Acrylonitrile
 Concen: 11.14 ug/L
 RT: 4.362 min Scan# 298
 Delta R.T. 0.000 min
 Lab File: V22170814A02.D
 Acq: 14 Aug 2017 12:52 pm

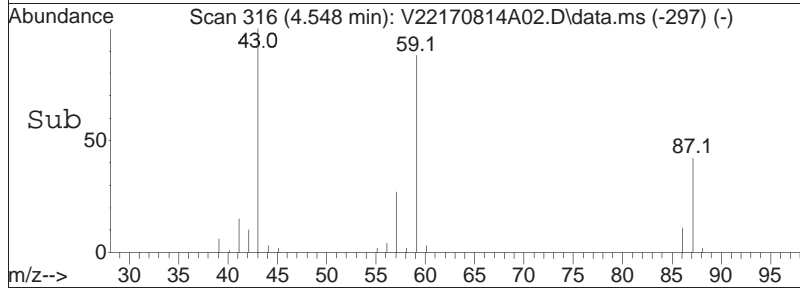
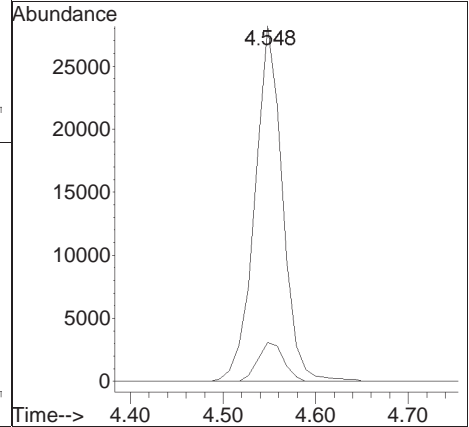
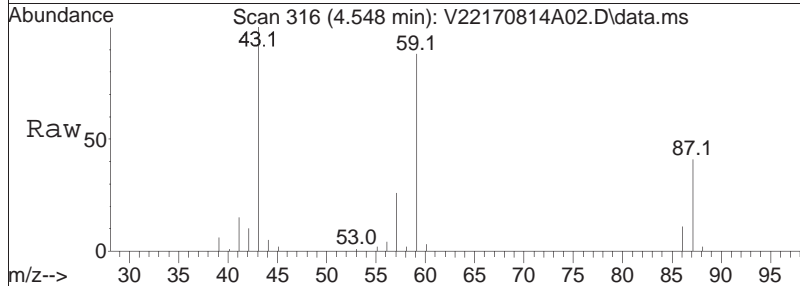
Tgt Ion:	Resp:		
Ion	Ratio	Lower	Upper
53	100		
52	81.6	63.8	95.8
51	67.2	50.2	75.4

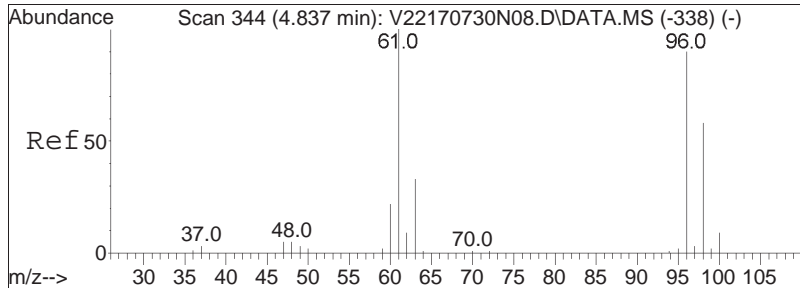




#29
 Vinyl acetate
 Concen: 11.00 ug/L
 RT: 4.548 min Scan# 316
 Delta R.T. 0.000 min
 Lab File: V22170814A02.D
 Acq: 14 Aug 2017 12:52 pm

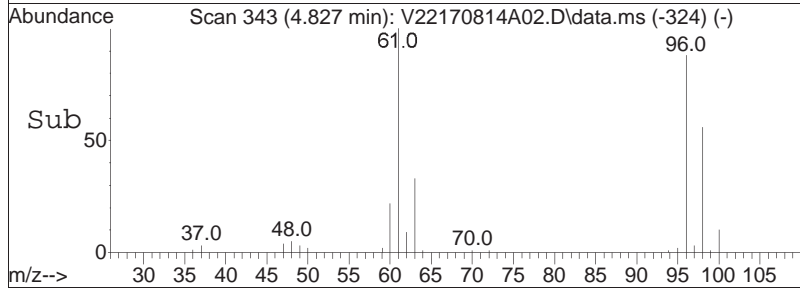
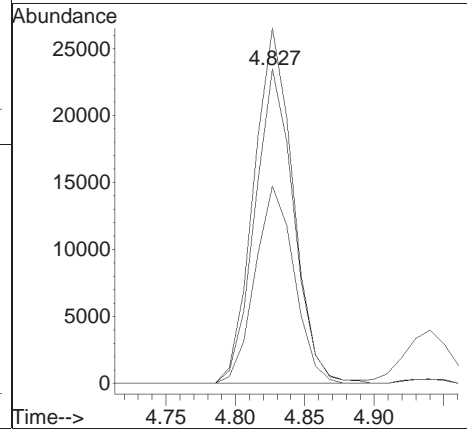
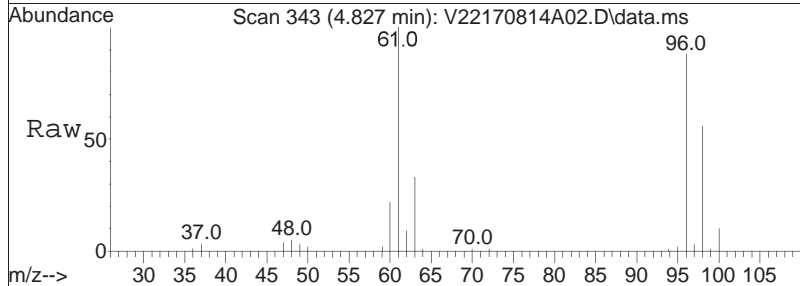
Tgt Ion:	43	Resp:	58591
Ion Ratio	100	Lower	Upper
	86	10.3	8.9 13.3

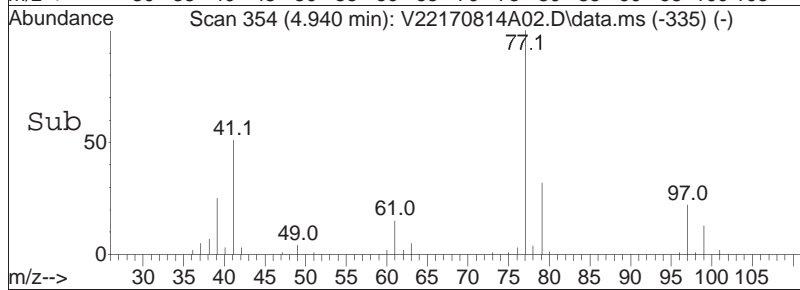
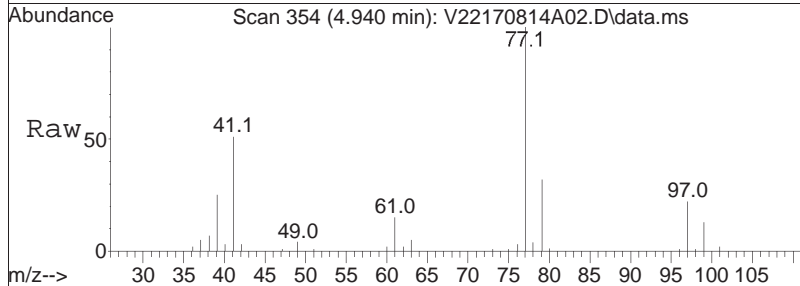
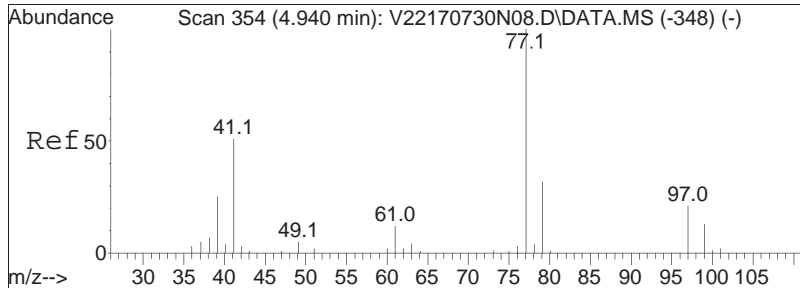




#30
 cis-1,2-Dichloroethene
 Concen: 11.66 ug/L
 RT: 4.827 min Scan# 343
 Delta R.T. -0.000 min
 Lab File: V22170814A02.D
 Acq: 14 Aug 2017 12:52 pm

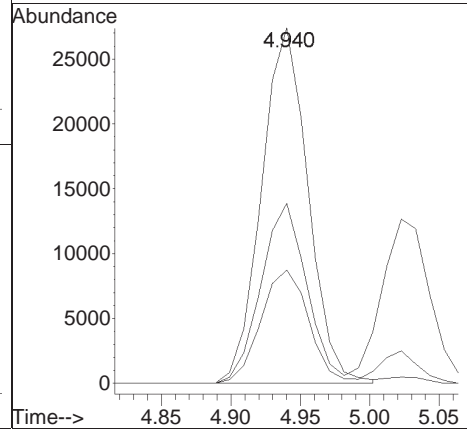
Tgt Ion	Resp	Lower	Upper
96	100		
61	114.0	90.3	135.5
98	63.1	50.8	76.2

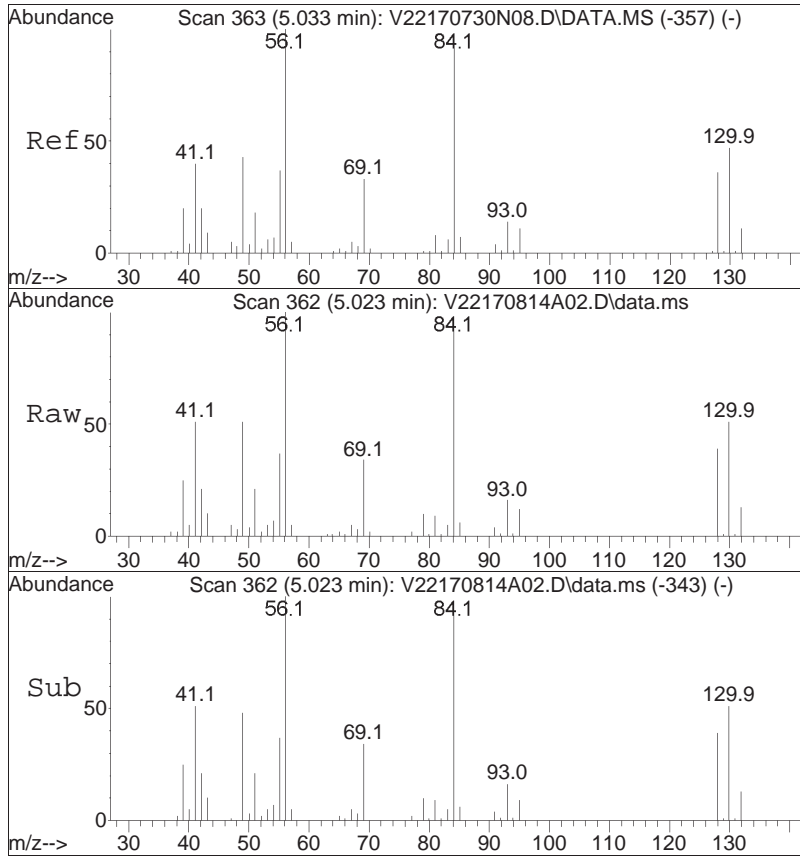




#31
 2,2-Dichloropropane
 Concen: 12.75 ug/L
 RT: 4.940 min Scan# 354
 Delta R.T. 0.000 min
 Lab File: V22170814A02.D
 Acq: 14 Aug 2017 12:52 pm

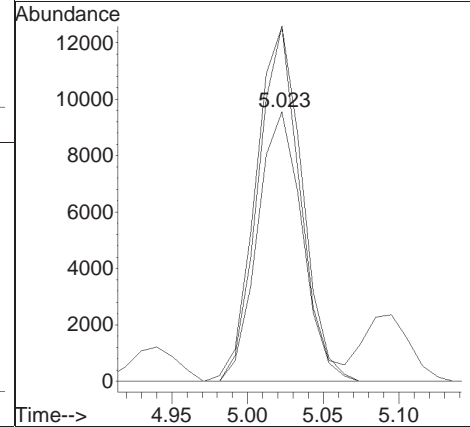
Tgt Ion	Resp	Lower	Upper
77	100		
41	49.9	32.3	67.1
79	33.1	21.1	43.7

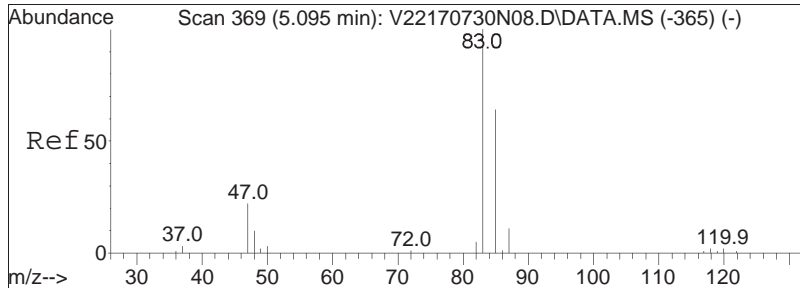




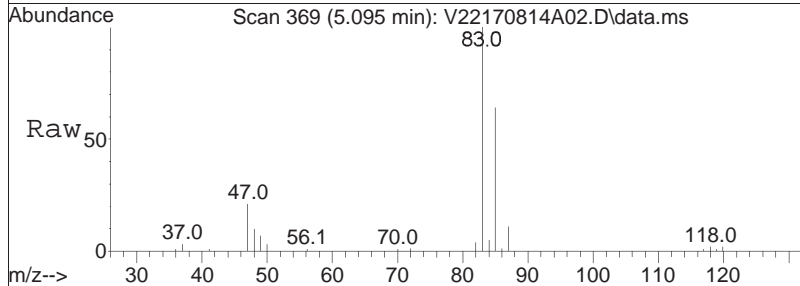
#32
 Bromochloromethane
 Concen: 11.87 ug/L
 RT: 5.023 min Scan# 362
 Delta R.T. -0.000 min
 Lab File: V22170814A02.D
 Acq: 14 Aug 2017 12:52 pm

Tgt Ion	Resp	Lower	Upper
128	19623		
128	100		
49	131.1	104.4	156.6
130	129.2	103.9	155.9

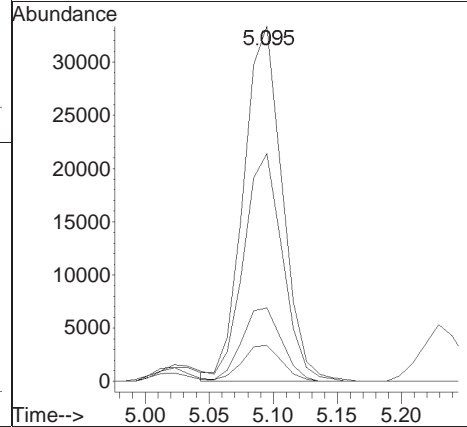
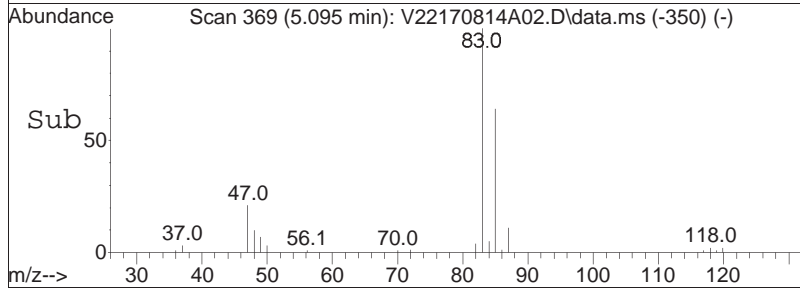


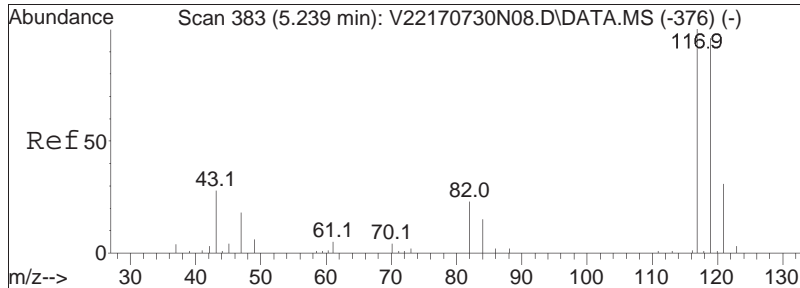


#34
 Chloroform
 Concen: 11.72 ug/L
 RT: 5.095 min Scan# 369
 Delta R.T. -0.000 min
 Lab File: V22170814A02.D
 Acq: 14 Aug 2017 12:52 pm

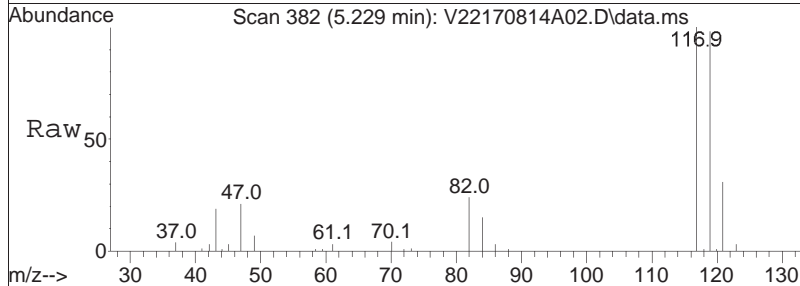


Tgt Ion	Resp	Lower	Upper
83	100		
85	64.2	42.4	88.2
47	21.2	14.0	29.0
48	10.4	6.9	14.3

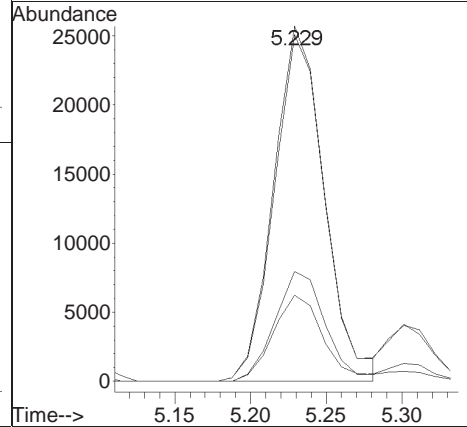
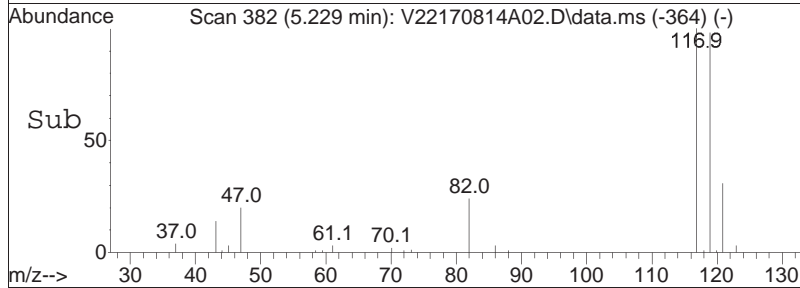


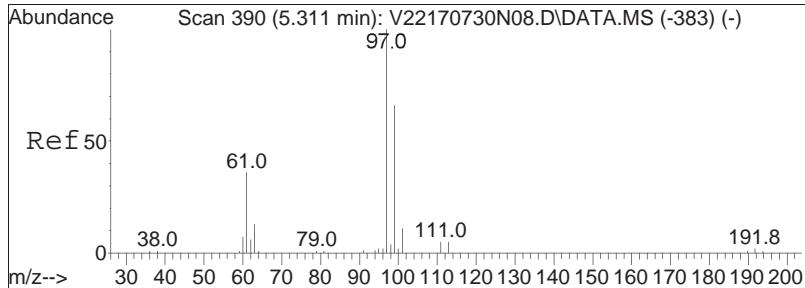


#36
 Carbon tetrachloride
 Concen: 12.60 ug/L
 RT: 5.229 min Scan# 382
 Delta R.T. -0.010 min
 Lab File: V22170814A02.D
 Acq: 14 Aug 2017 12:52 pm



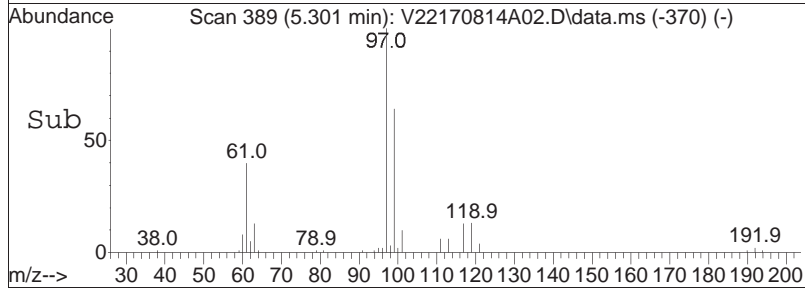
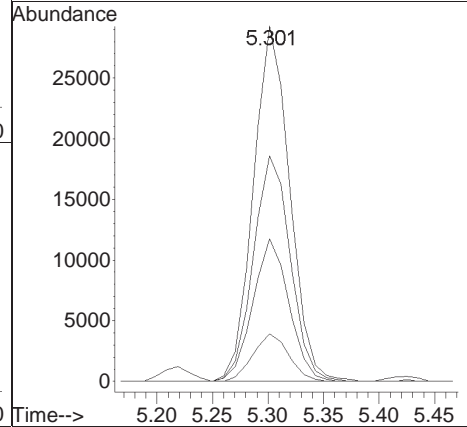
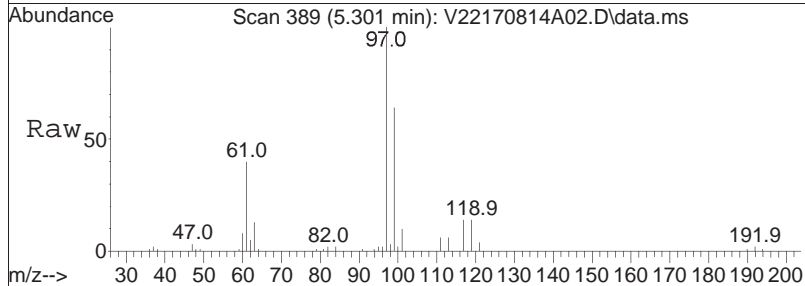
Tgt Ion	Resp	Lower	Upper
117	100		
119	97.1	62.1	129.1
121	30.8	20.3	42.3
82	24.2	15.4	32.0

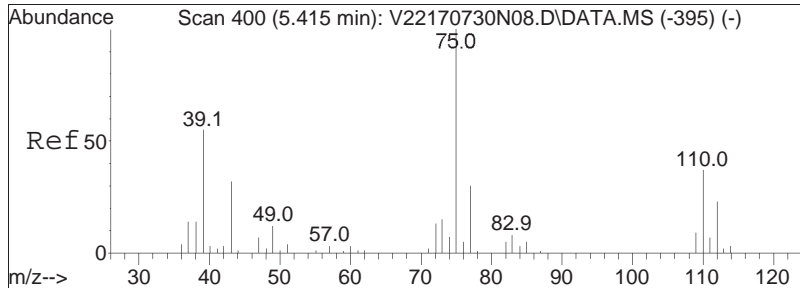




#39
 1,1,1-Trichloroethane
 Concen: 11.65 ug/L
 RT: 5.301 min Scan# 389
 Delta R.T. 0.000 min
 Lab File: V22170814A02.D
 Acq: 14 Aug 2017 12:52 pm

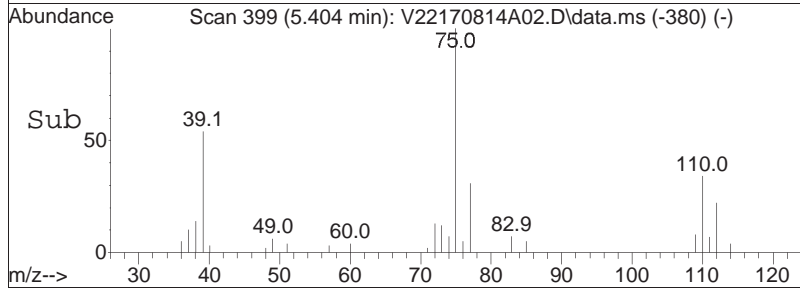
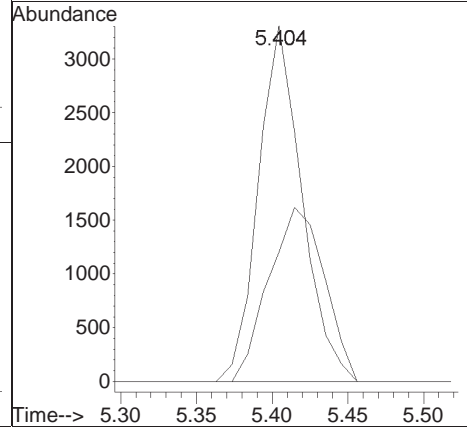
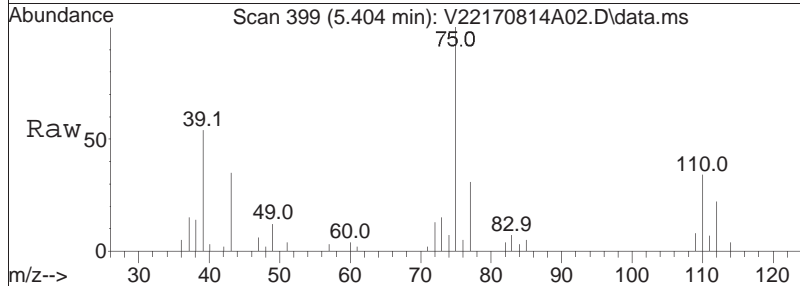
Tgt Ion	Resp	Lower	Upper
97	100		
99	64.6	42.4	88.0
61	40.0	26.0	54.0
63	13.2	8.3	17.3

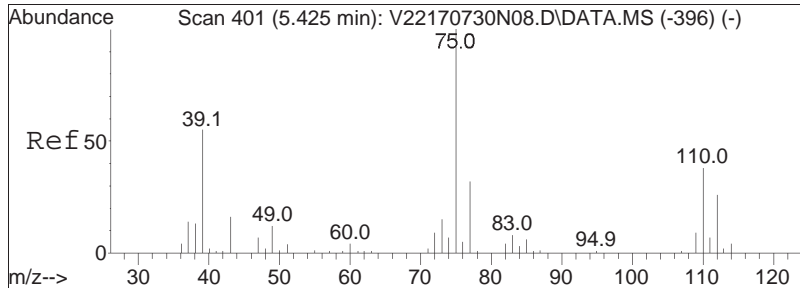




#41
 2-Butanone
 Concen: 11.08 ug/L
 RT: 5.404 min Scan# 399
 Delta R.T. 0.000 min
 Lab File: V22170814A02.D
 Acq: 14 Aug 2017 12:52 pm

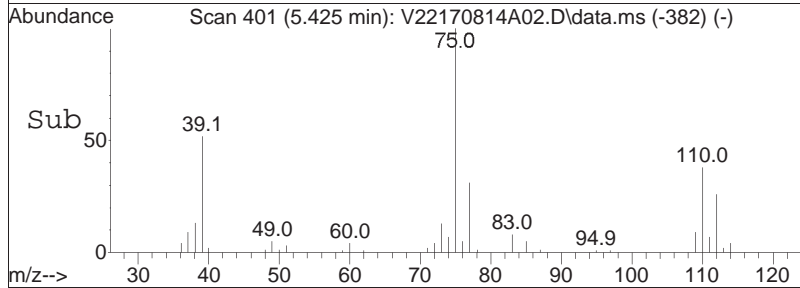
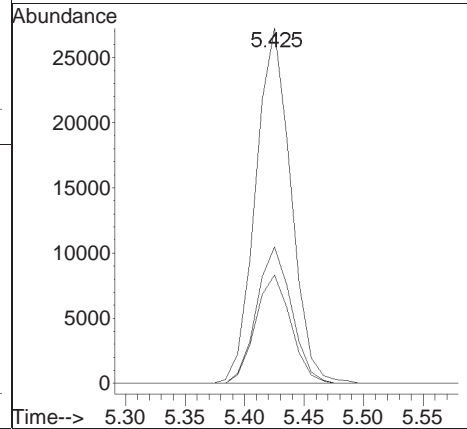
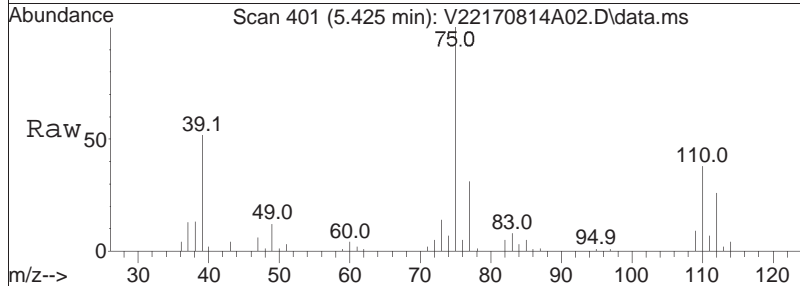
Tgt Ion: 43 Resp: 6606
 Ion Ratio Lower Upper
 43 100
 72 62.5 45.8 68.8

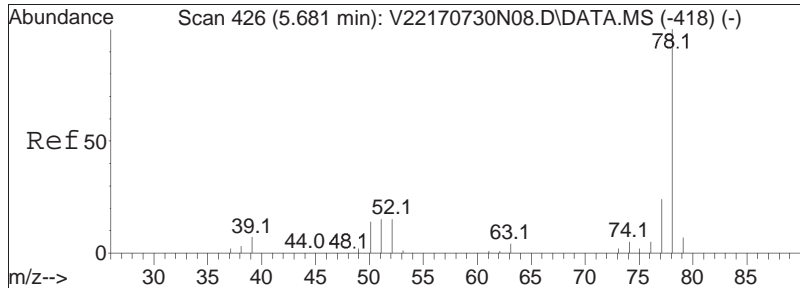




#42
 1,1-Dichloropropene
 Concen: 11.89 ug/L
 RT: 5.425 min Scan# 401
 Delta R.T. 0.000 min
 Lab File: V22170814A02.D
 Acq: 14 Aug 2017 12:52 pm

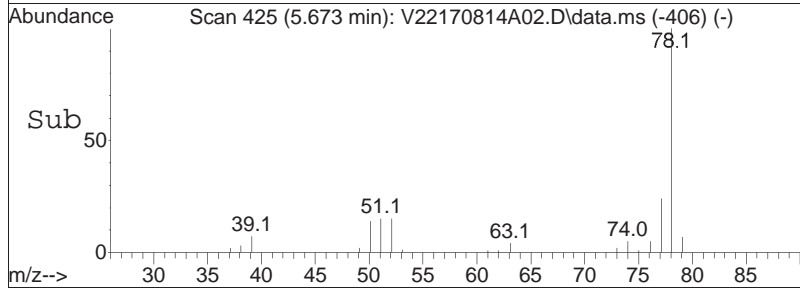
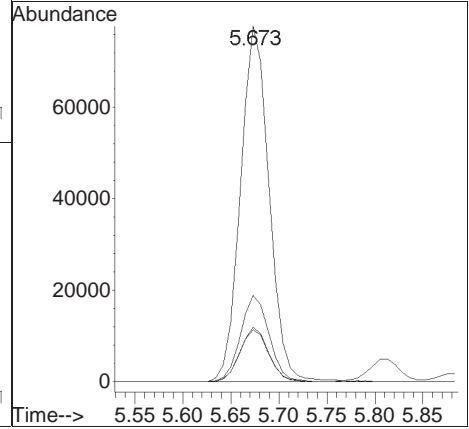
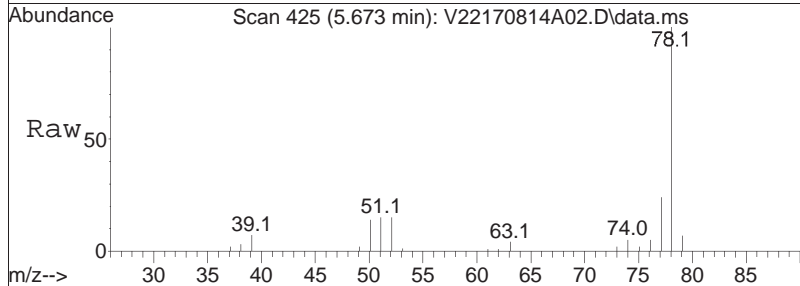
Tgt Ion	Resp	Lower	Upper
75	100		
110	38.1	25.4	52.8
77	30.6	20.3	42.1

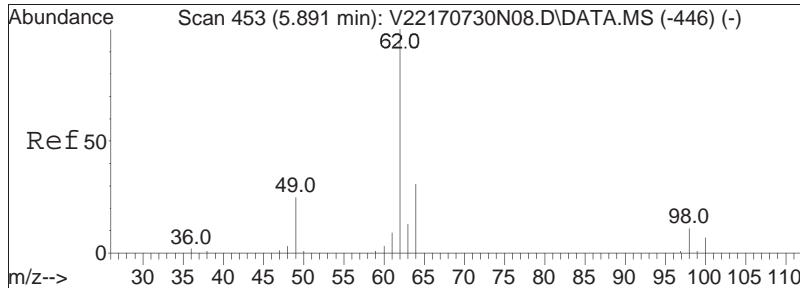




#44
 Benzene
 Concen: 11.38 ug/L
 RT: 5.673 min Scan# 425
 Delta R.T. -0.008 min
 Lab File: V22170814A02.D
 Acq: 14 Aug 2017 12:52 pm

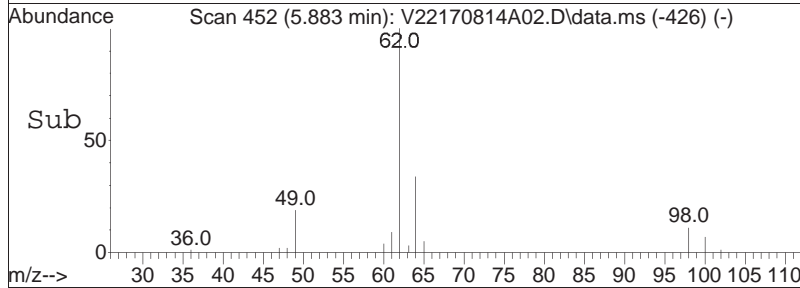
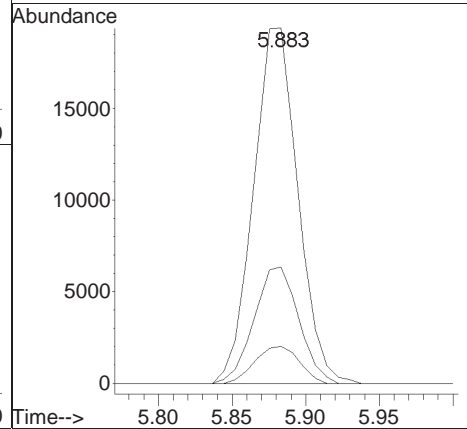
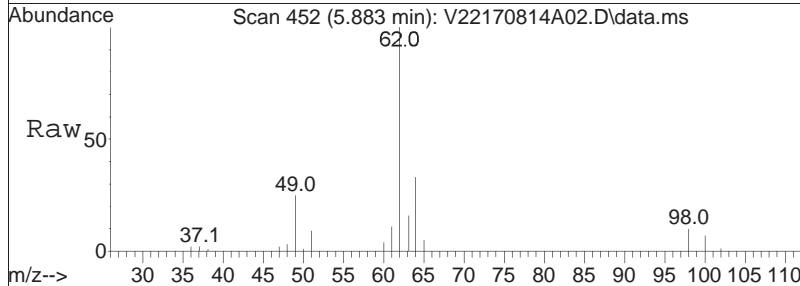
Tgt Ion	Resp	Lower	Upper
78	100		
77	24.0	15.4	32.0
51	15.0	9.8	20.4
52	14.6	9.2	19.2

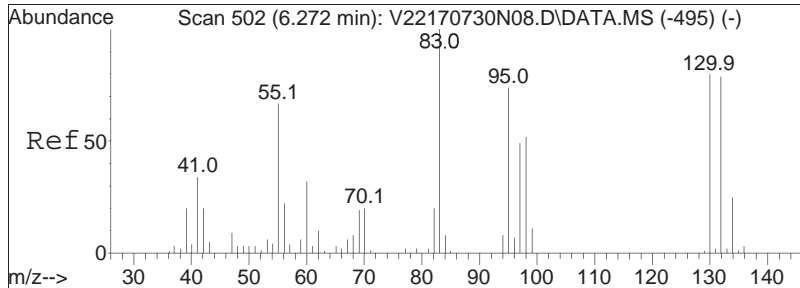




#47
 1,2-Dichloroethane
 Concen: 11.10 ug/L
 RT: 5.883 min Scan# 452
 Delta R.T. 0.000 min
 Lab File: V22170814A02.D
 Acq: 14 Aug 2017 12:52 pm

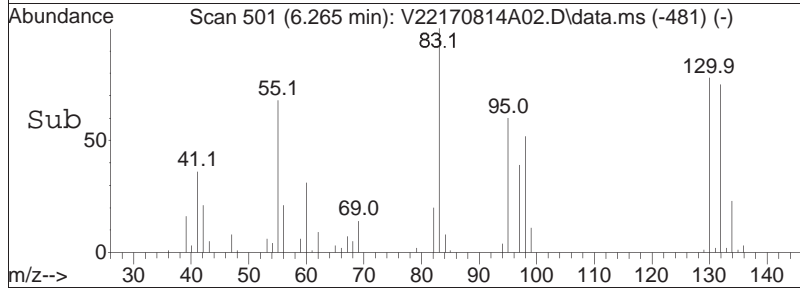
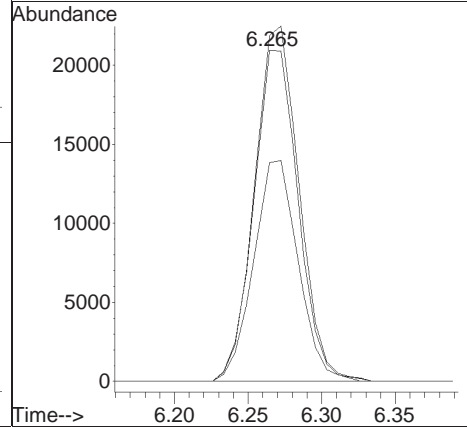
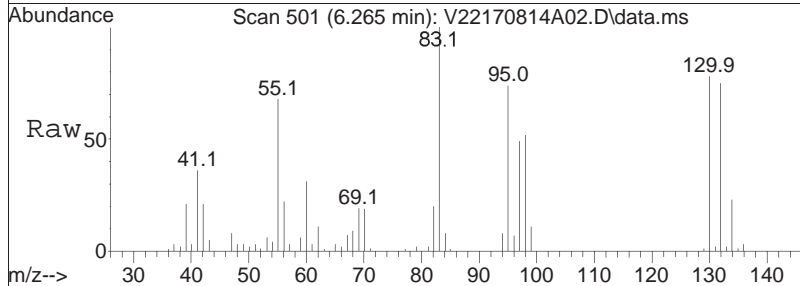
Tgt Ion	Resp	Lower	Upper
62	100		
64	32.9	12.3	52.3
98	10.4	0.0	30.3

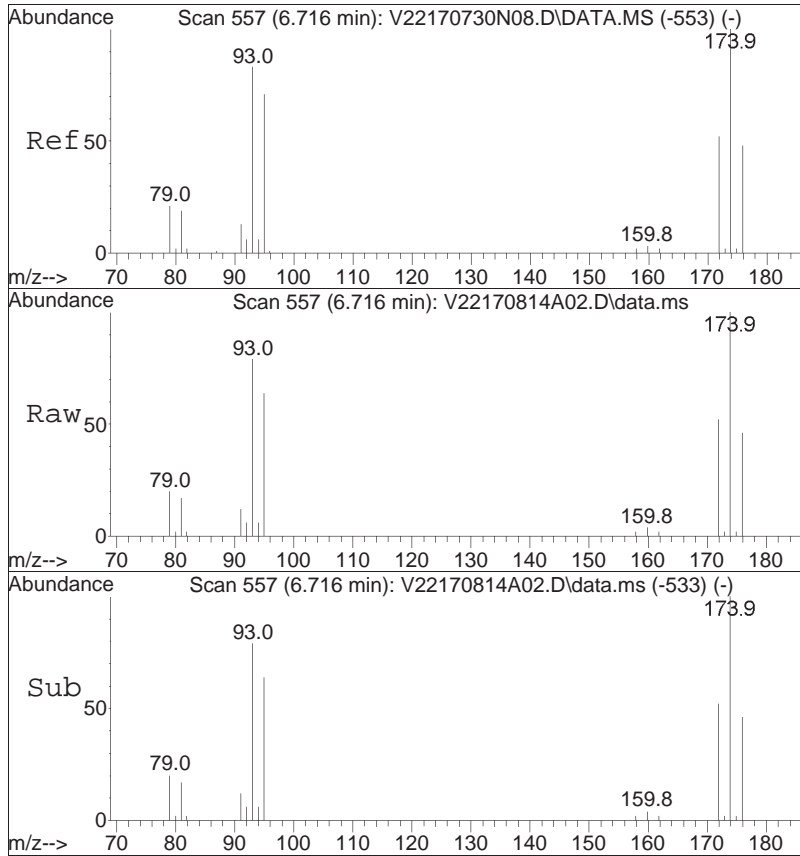




#51
 Trichloroethene
 Concen: 12.05 ug/L
 RT: 6.265 min Scan# 501
 Delta R.T. -0.007 min
 Lab File: V22170814A02.D
 Acq: 14 Aug 2017 12:52 pm

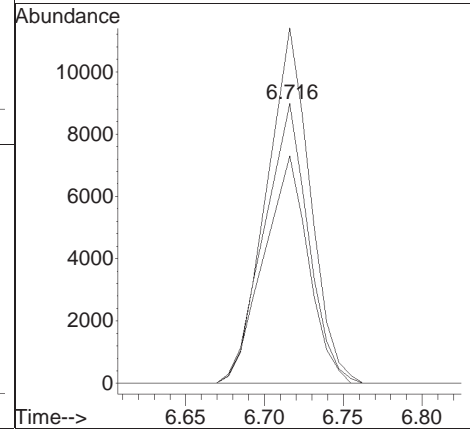
Tgt Ion	Resp	Lower	Upper
95	100		
97	67.4	55.0	82.4
130	107.5	89.2	133.8

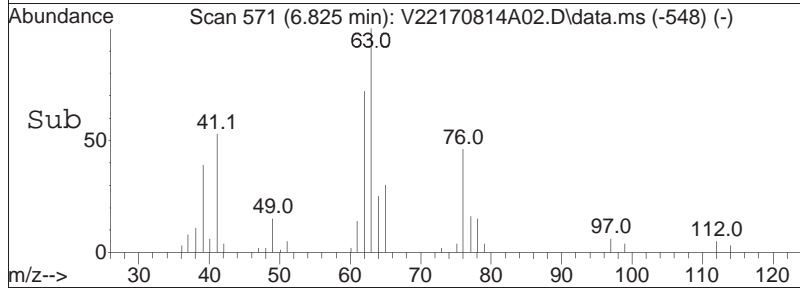
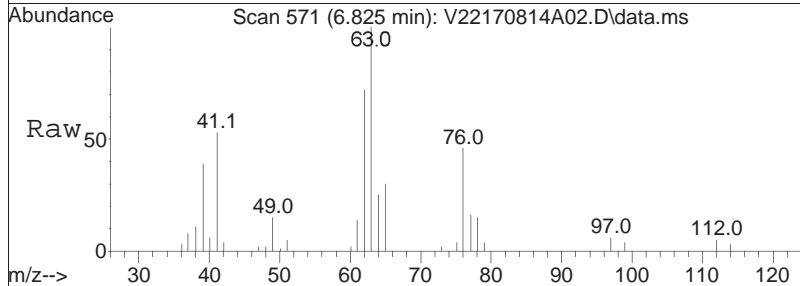
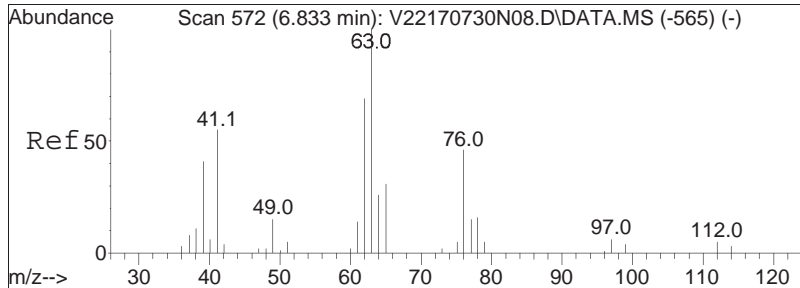




#53
 Dibromomethane
 Concen: 10.14 ug/L
 RT: 6.716 min Scan# 557
 Delta R.T. -0.000 min
 Lab File: V22170814A02.D
 Acq: 14 Aug 2017 12:52 pm

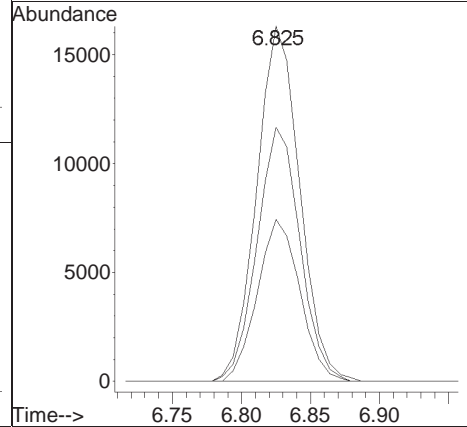
Tgt Ion	Resp	Lower	Upper
93	13778		
95	83.8	68.0	102.0
174	128.2	106.1	159.1

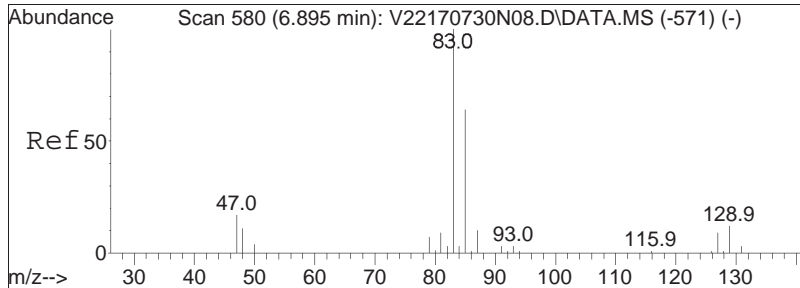




#54
 1,2-Dichloropropane
 Concen: 11.55 ug/L
 RT: 6.825 min Scan# 571
 Delta R.T. -0.008 min
 Lab File: V22170814A02.D
 Acq: 14 Aug 2017 12:52 pm

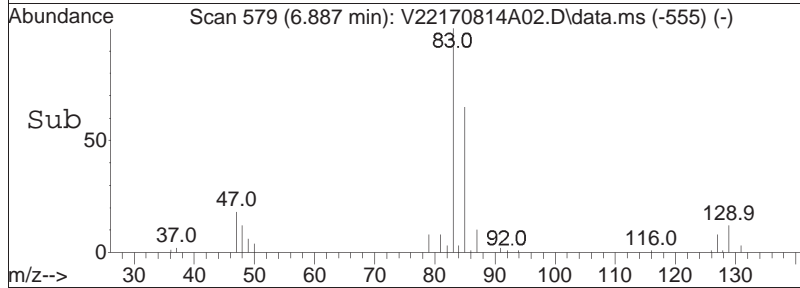
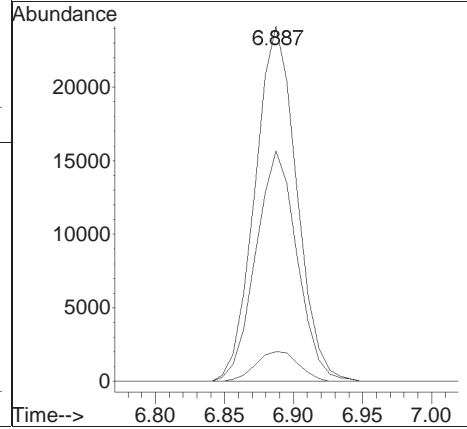
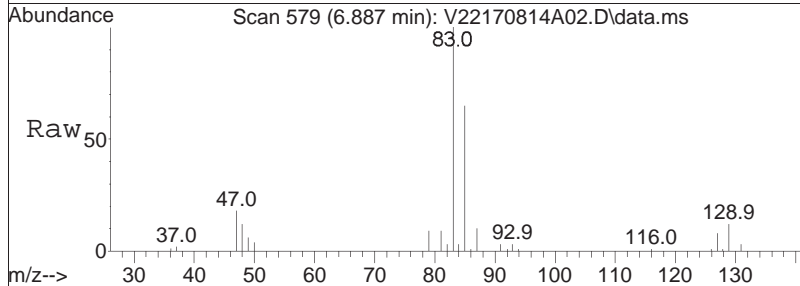
Tgt Ion:	63	Resp:	35385
Ion Ratio	Lower	Upper	
63	100		
62	71.2	56.9	85.3
76	45.1	35.8	53.8

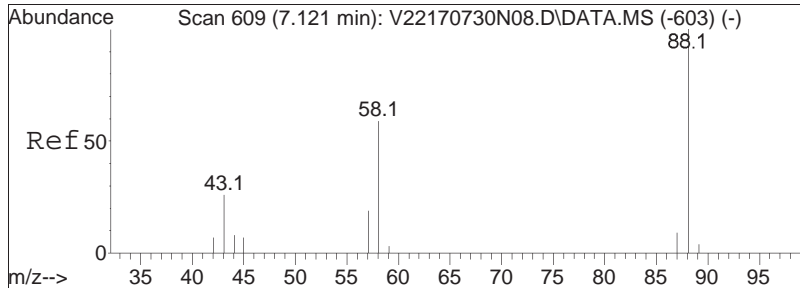




#57
 Bromodichloromethane
 Concen: 11.07 ug/L
 RT: 6.887 min Scan# 579
 Delta R.T. 0.000 min
 Lab File: V22170814A02.D
 Acq: 14 Aug 2017 12:52 pm

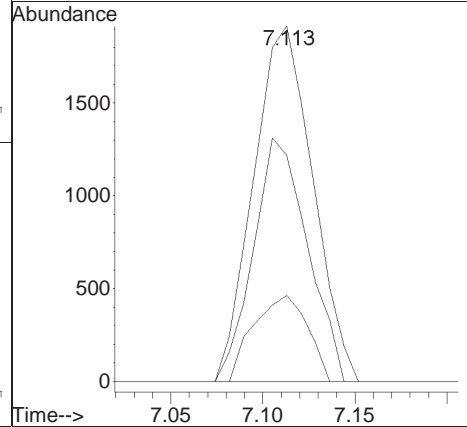
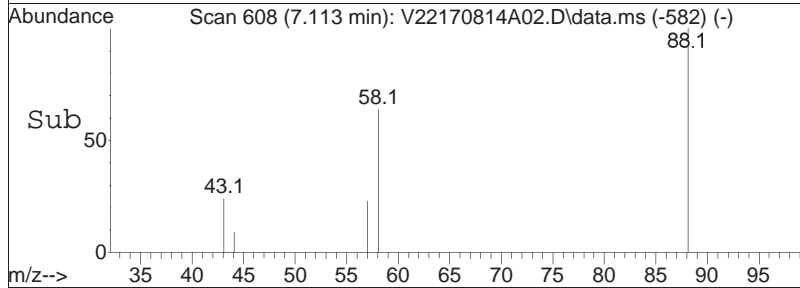
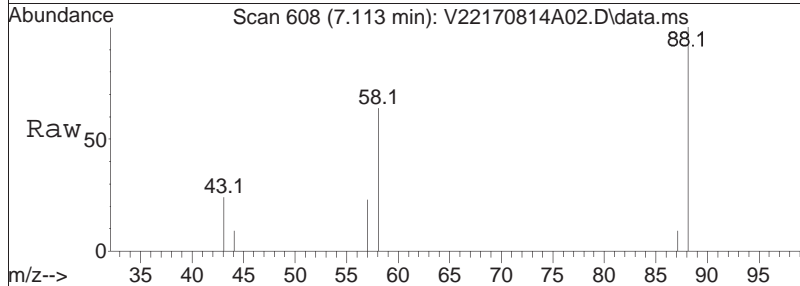
Tgt Ion	Resp	Lower	Upper
83	100		
85	64.6	51.6	77.4
127	8.7	7.4	11.0

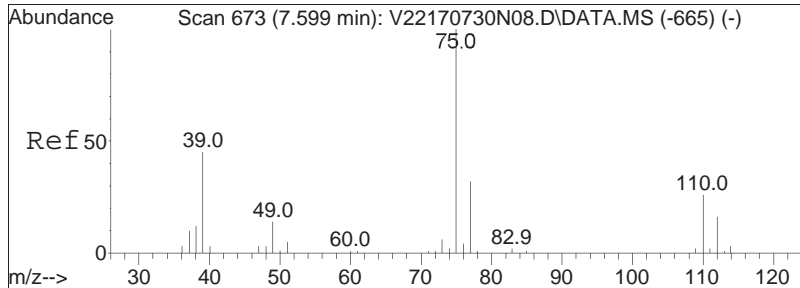




#60
 1,4-Dioxane
 Concen: 778.46 ug/L
 RT: 7.113 min Scan# 608
 Delta R.T. -0.000 min
 Lab File: V22170814A02.D
 Acq: 14 Aug 2017 12:52 pm

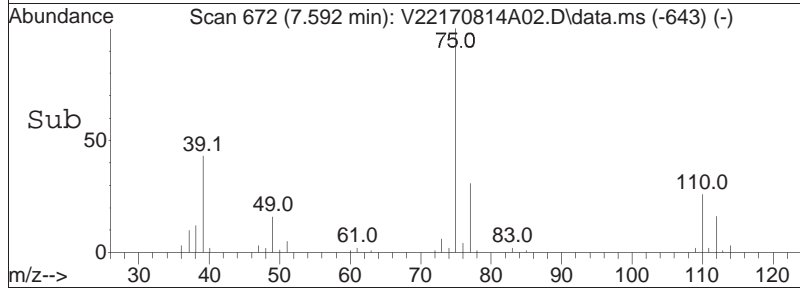
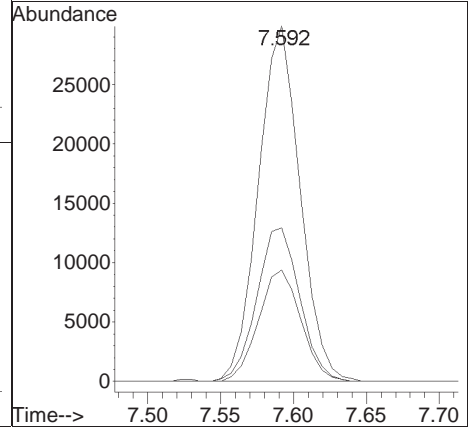
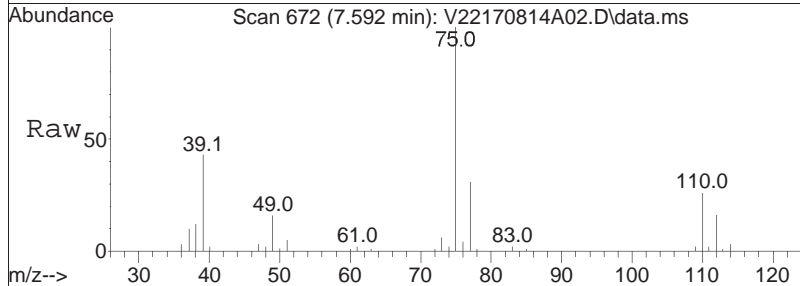
Tgt Ion	Ratio	Lower	Upper
88	100		
58	62.5	43.3	64.9
43	22.1	15.1	22.7

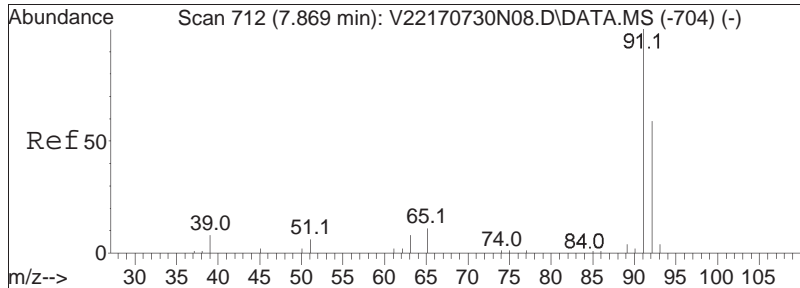




#61
 cis-1,3-Dichloropropene
 Concen: 11.30 ug/L
 RT: 7.592 min Scan# 672
 Delta R.T. -0.000 min
 Lab File: V22170814A02.D
 Acq: 14 Aug 2017 12:52 pm

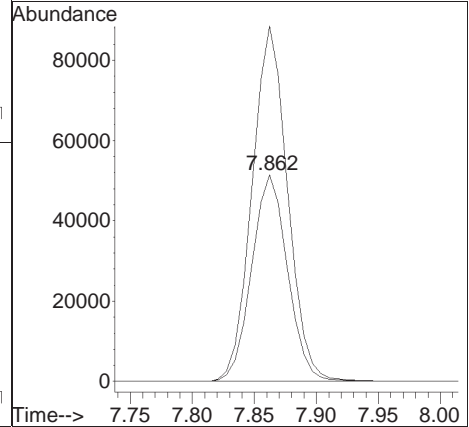
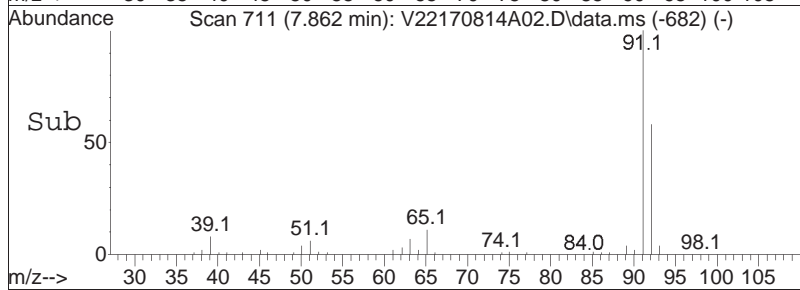
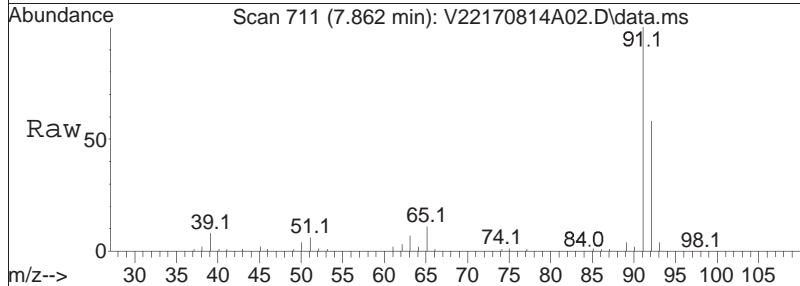
Tgt Ion:	75	Resp:	59452
Ion Ratio	100	Lower	Upper
77	31.9	25.6	38.4
39	44.6	35.4	53.0

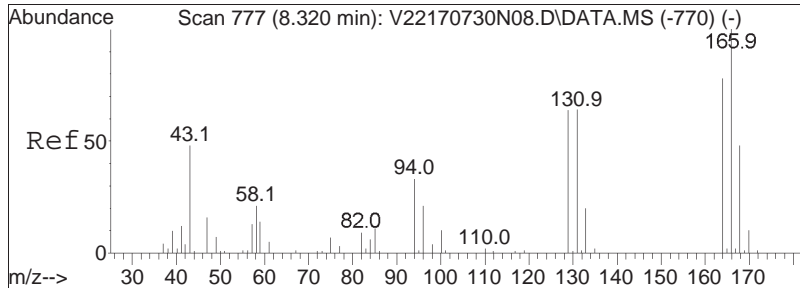




#64
 Toluene
 Concen: 11.39 ug/L
 RT: 7.862 min Scan# 711
 Delta R.T. 0.000 min
 Lab File: V22170814A02.D
 Acq: 14 Aug 2017 12:52 pm

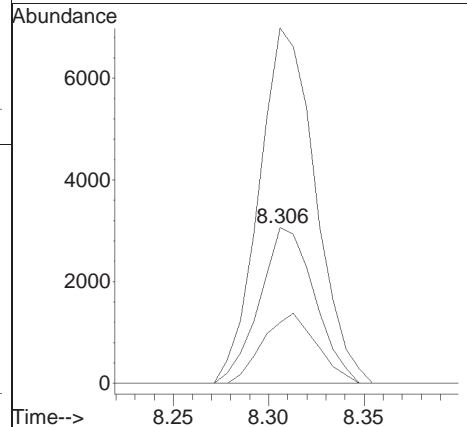
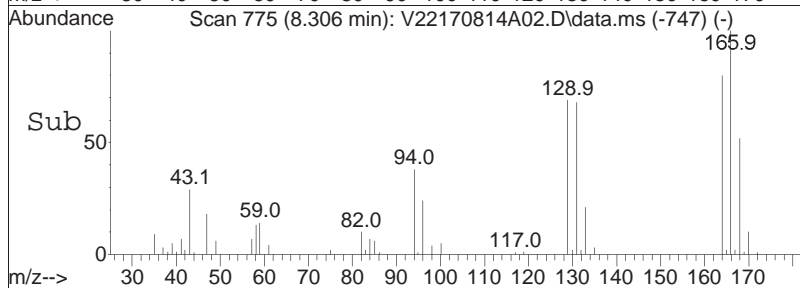
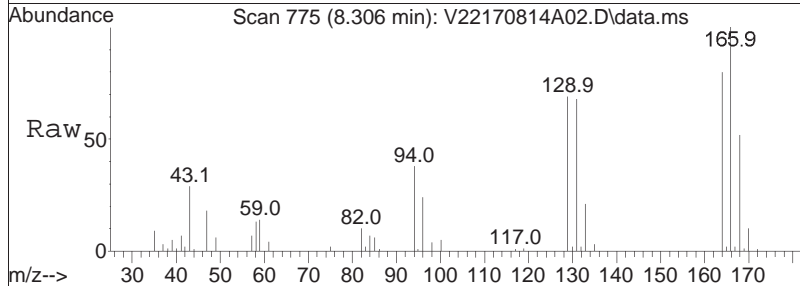
Tgt Ion:	Resp:	Lower	Upper
92	103444		
91	170.5	137.0	205.6

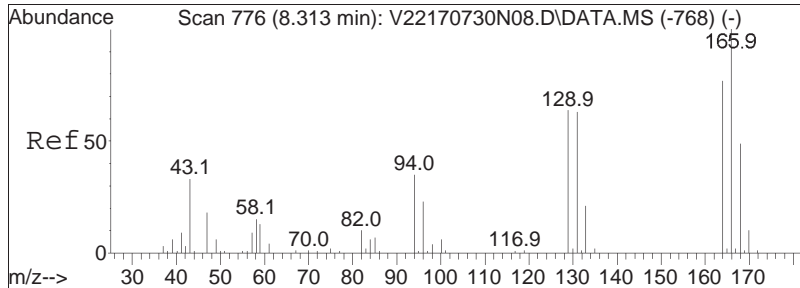




#65
 4-Methyl-2-pentanone
 Concen: 9.26 ug/L
 RT: 8.306 min Scan# 775
 Delta R.T. -0.007 min
 Lab File: V22170814A02.D
 Acq: 14 Aug 2017 12:52 pm

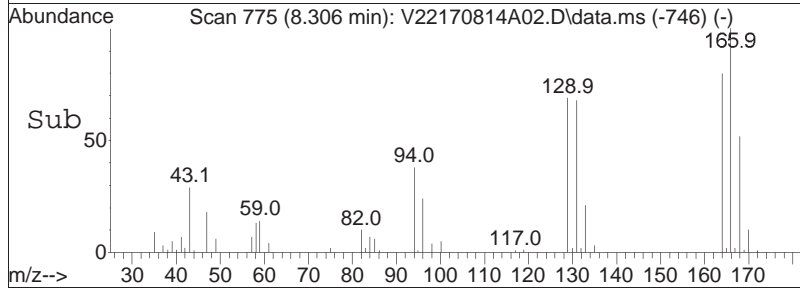
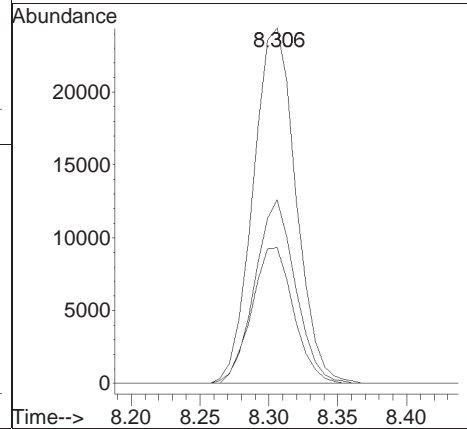
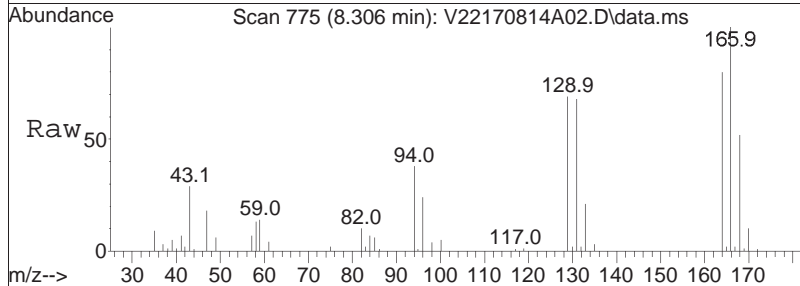
Tgt Ion	Resp	Lower	Upper
58	100		
100	43.9	36.2	54.4
43	233.5	181.8	272.8

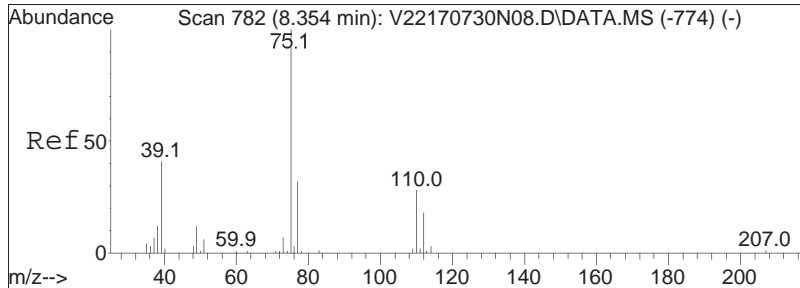




#66
 Tetrachloroethene
 Concen: 11.22 ug/L
 RT: 8.306 min Scan# 775
 Delta R.T. -0.000 min
 Lab File: V22170814A02.D
 Acq: 14 Aug 2017 12:52 pm

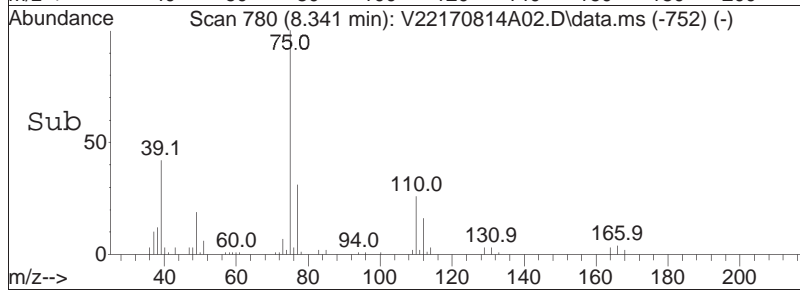
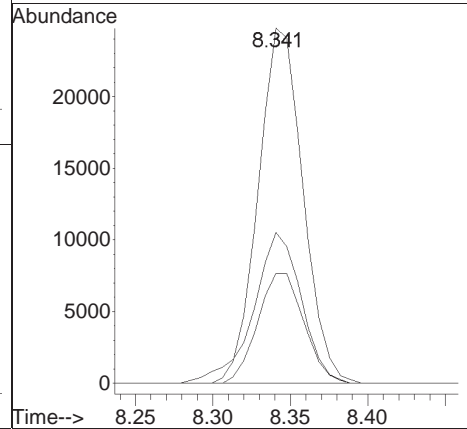
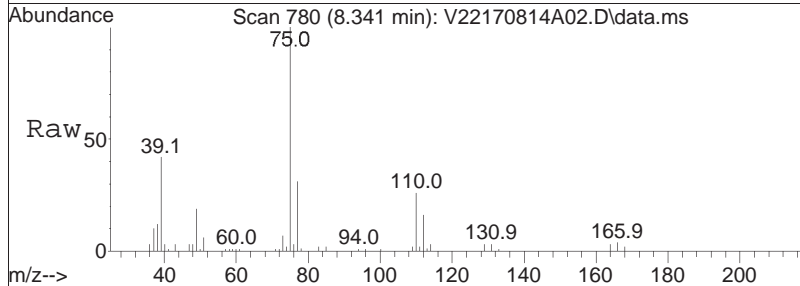
Tgt Ion	Resp	Lower	Upper
166	100		
168	48.8	27.8	67.8
94	37.6	16.7	56.7

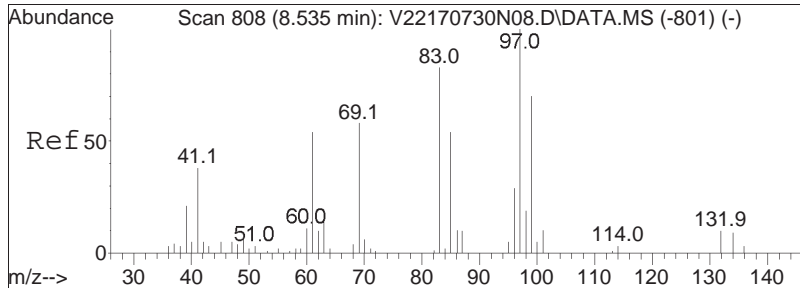




#68
 trans-1,3-Dichloropropene
 Concen: 11.10 ug/L
 RT: 8.341 min Scan# 780
 Delta R.T. -0.007 min
 Lab File: V22170814A02.D
 Acq: 14 Aug 2017 12:52 pm

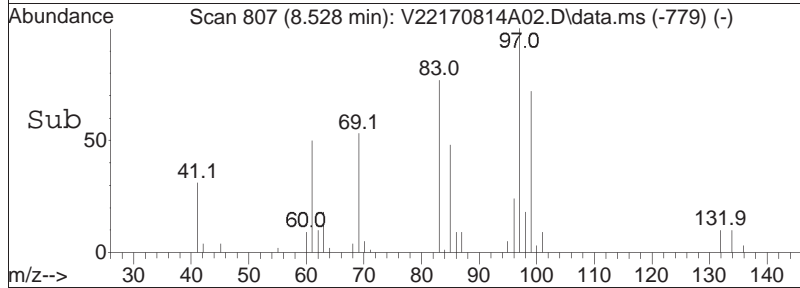
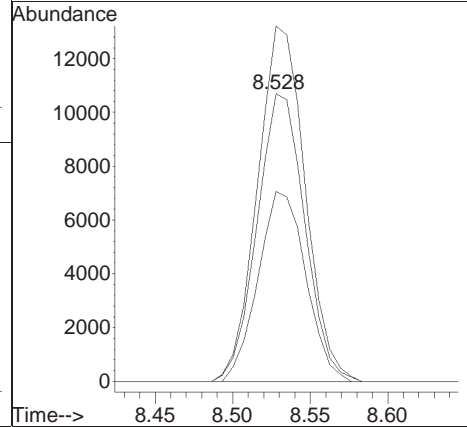
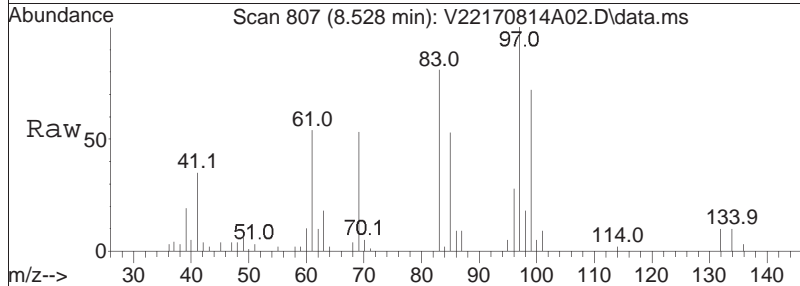
Tgt Ion:	75	Resp:	49831
Ion Ratio	Lower	Upper	
75	100		
77	32.0	11.9	51.9
39	45.5	27.4	67.4

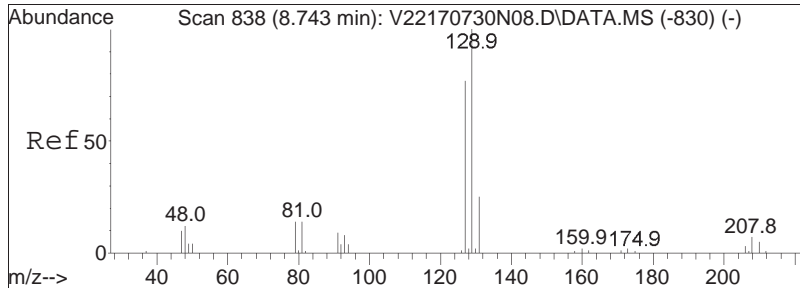




#71
 1,1,2-Trichloroethane
 Concen: 10.63 ug/L
 RT: 8.528 min Scan# 807
 Delta R.T. -0.007 min
 Lab File: V22170814A02.D
 Acq: 14 Aug 2017 12:52 pm

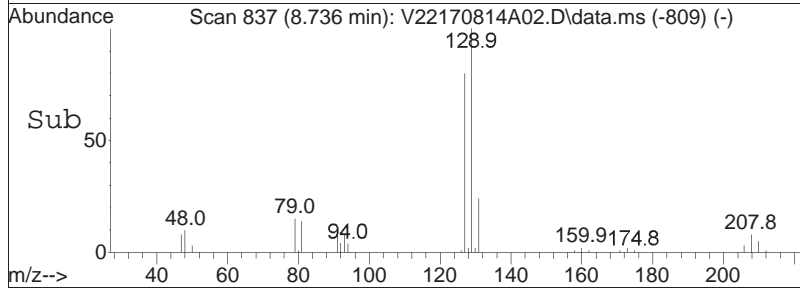
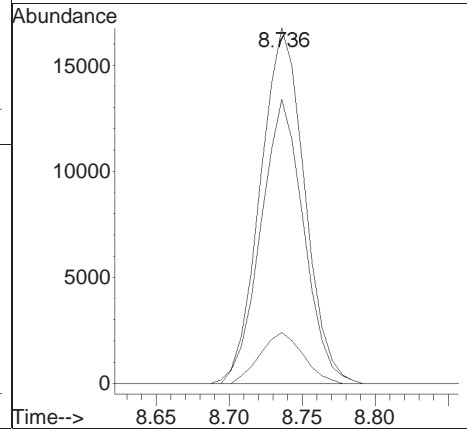
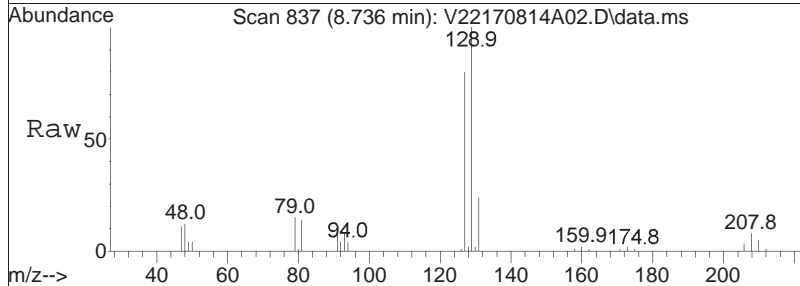
Tgt Ion	Resp	Lower	Upper
83	100		
97	123.6	103.4	143.4
85	66.1	47.9	87.9

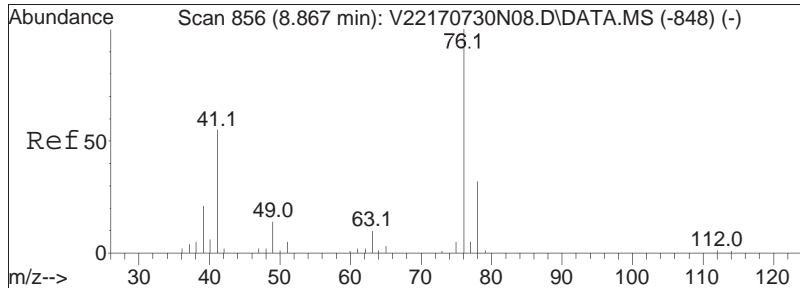




#72
 Chlorodibromomethane
 Concen: 10.41 ug/L
 RT: 8.736 min Scan# 837
 Delta R.T. -0.007 min
 Lab File: V22170814A02.D
 Acq: 14 Aug 2017 12:52 pm

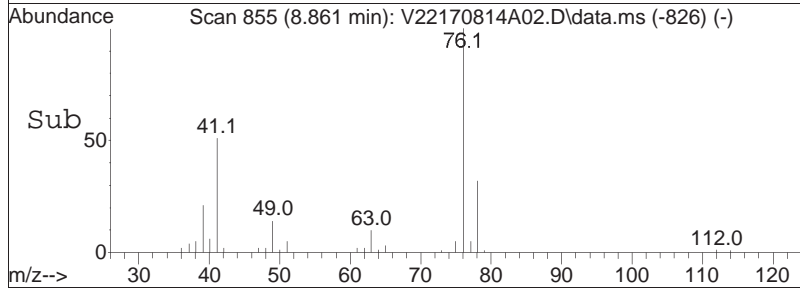
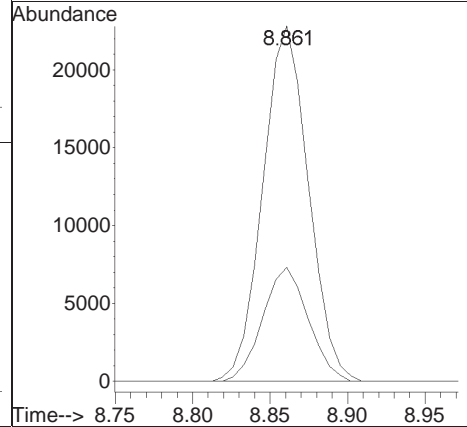
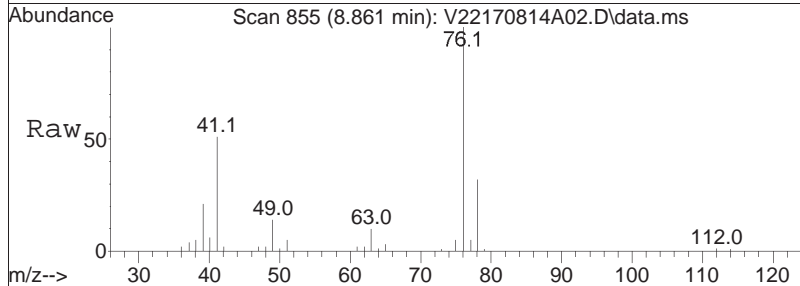
Tgt Ion	Resp	Lower	Upper
129	35274		
129	100		
81	13.9	0.0	33.8
127	77.6	57.1	97.1

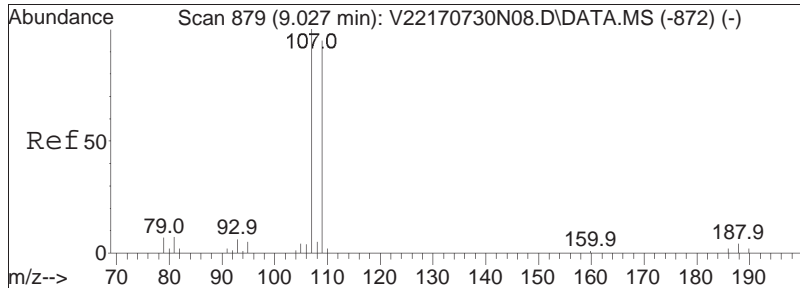




#73
 1,3-Dichloropropane
 Concen: 10.71 ug/L
 RT: 8.861 min Scan# 855
 Delta R.T. -0.000 min
 Lab File: V22170814A02.D
 Acq: 14 Aug 2017 12:52 pm

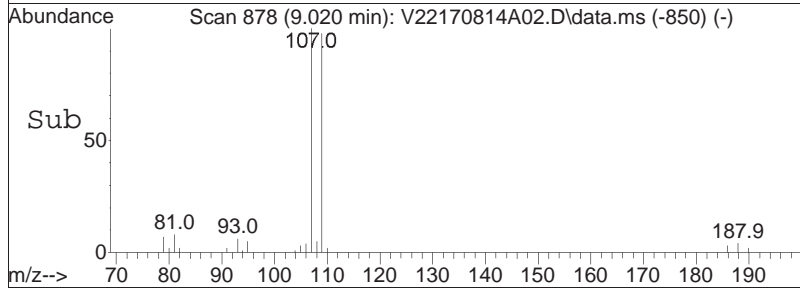
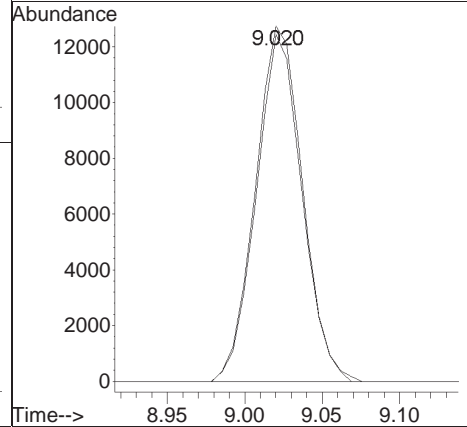
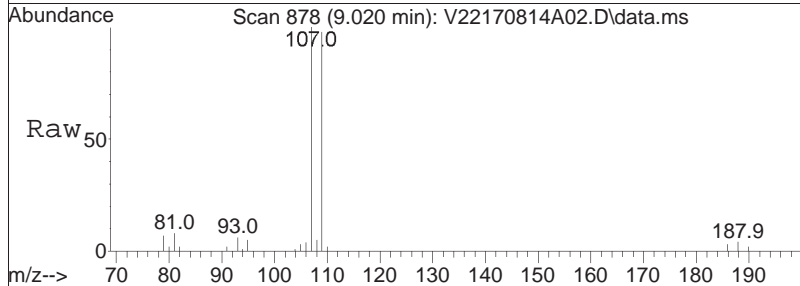
Tgt Ion:	76	78	Resp:	46679	Lower	Upper
Ion Ratio	100	32.0			25.7	38.5

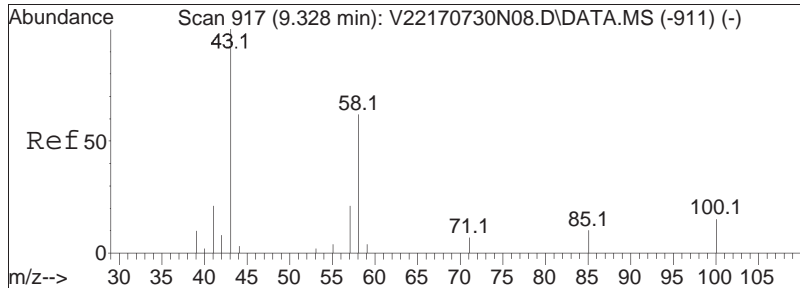




#74
 1,2-Dibromoethane
 Concen: 9.89 ug/L
 RT: 9.020 min Scan# 878
 Delta R.T. -0.007 min
 Lab File: V22170814A02.D
 Acq: 14 Aug 2017 12:52 pm

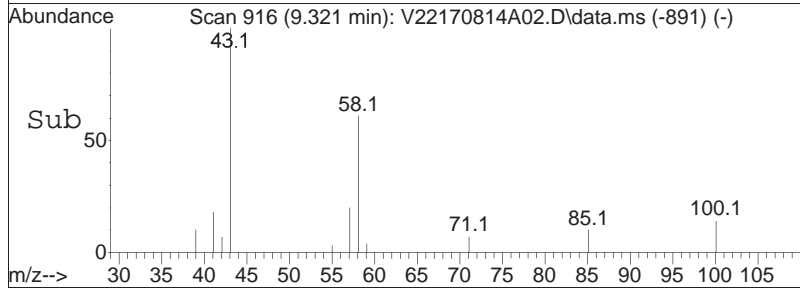
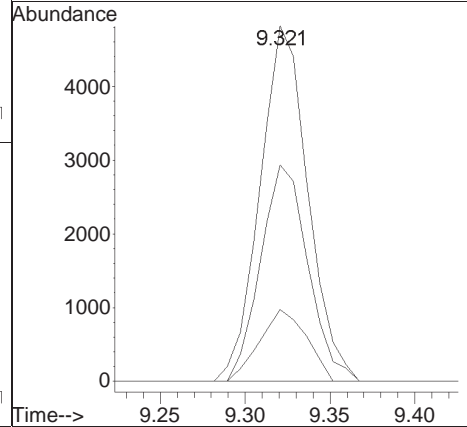
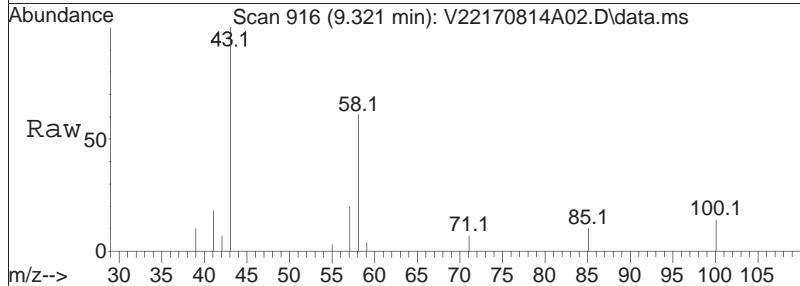
Tgt Ion	Resp	Lower	Upper
107	100		
109	94.4	75.1	112.7

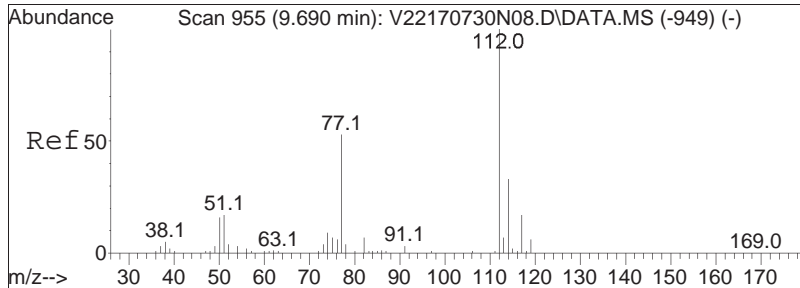




#76
 2-Hexanone
 Concen: 9.82 ug/L
 RT: 9.321 min Scan# 916
 Delta R.T. -0.007 min
 Lab File: V22170814A02.D
 Acq: 14 Aug 2017 12:52 pm

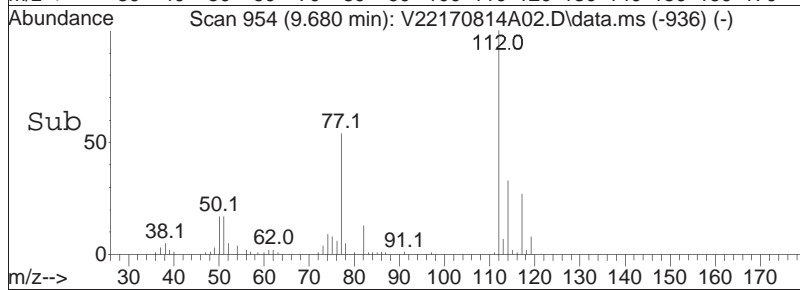
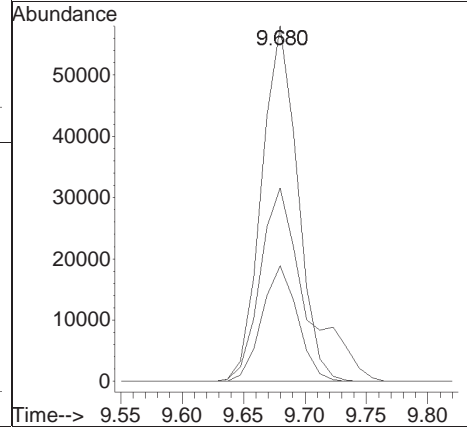
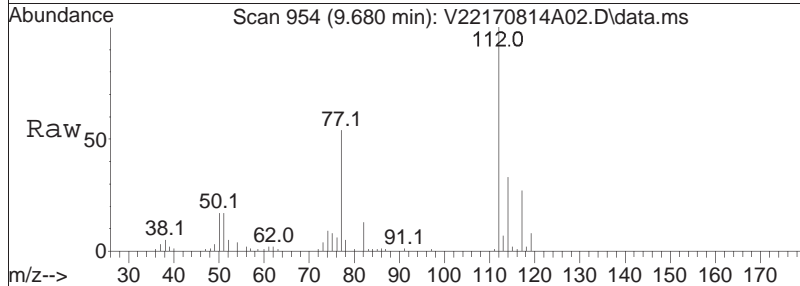
Tgt Ion:	43	58	57	Resp:	9474	Lower	Upper
Ion Ratio	100	60.2	19.8			47.6	71.4

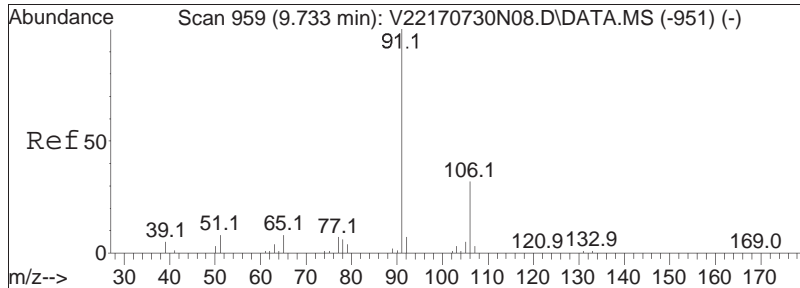




#77
 Chlorobenzene
 Concen: 11.18 ug/L
 RT: 9.680 min Scan# 954
 Delta R.T. -0.000 min
 Lab File: V22170814A02.D
 Acq: 14 Aug 2017 12:52 pm

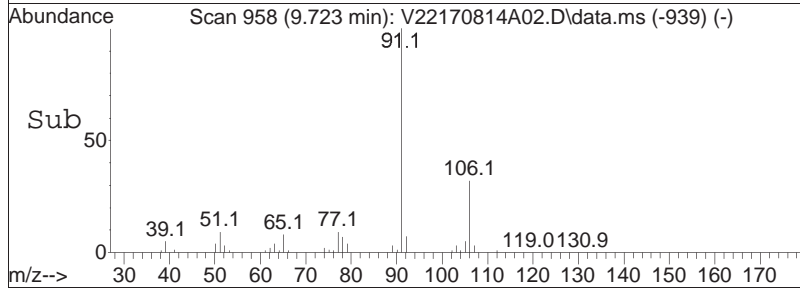
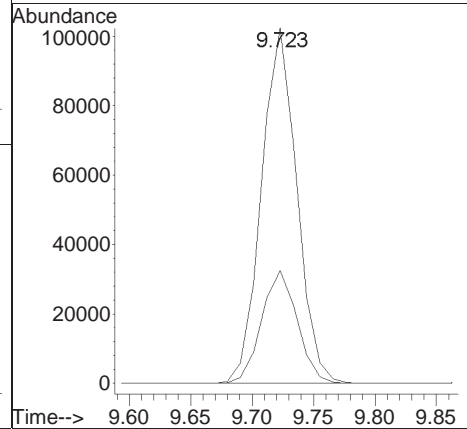
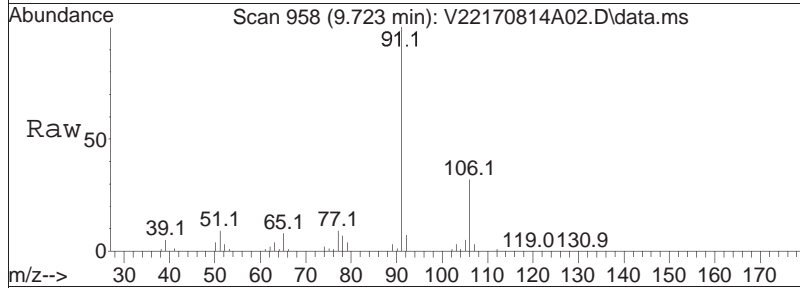
Tgt Ion	Ratio	Lower	Upper
112	100		
77	69.6	55.4	83.0
114	32.4	26.2	39.4

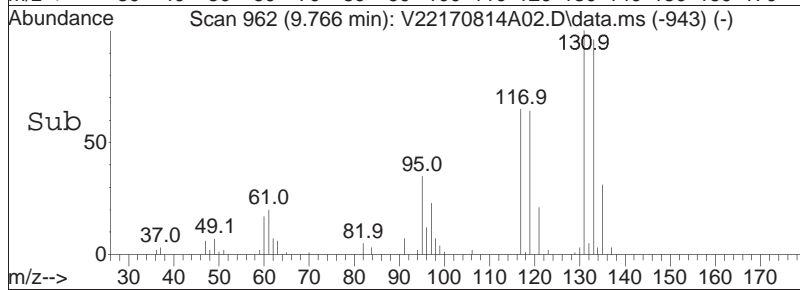
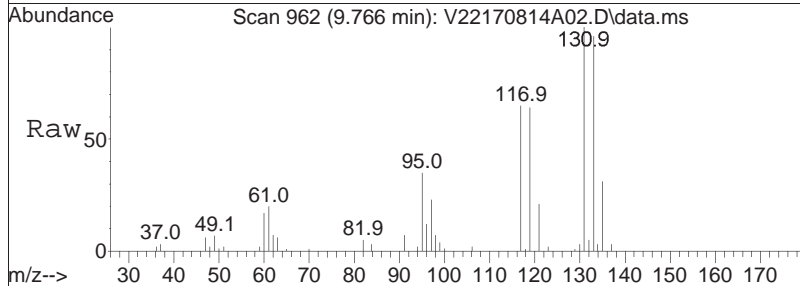
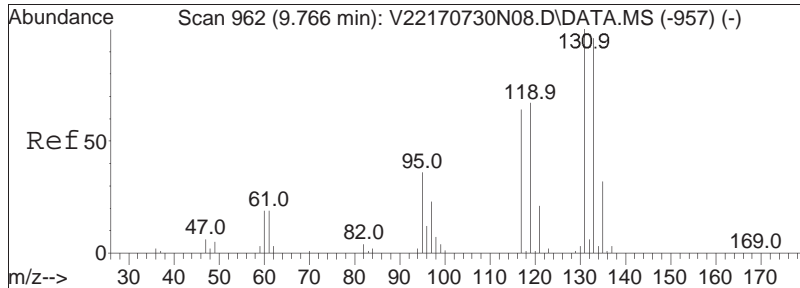




#78
 Ethylbenzene
 Concen: 11.47 ug/L
 RT: 9.723 min Scan# 958
 Delta R.T. -0.000 min
 Lab File: V22170814A02.D
 Acq: 14 Aug 2017 12:52 pm

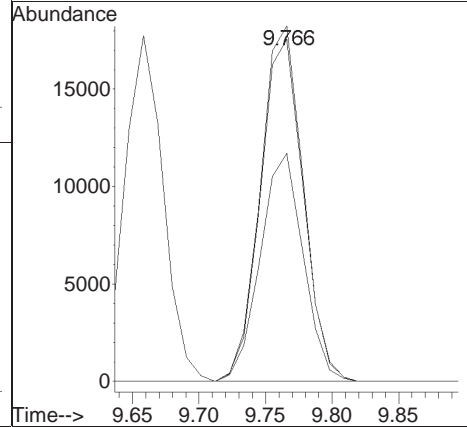
Tgt Ion:	91	Resp:	204774
Ion Ratio	Lower	Upper	
91	100		
106	32.0	25.8	38.6

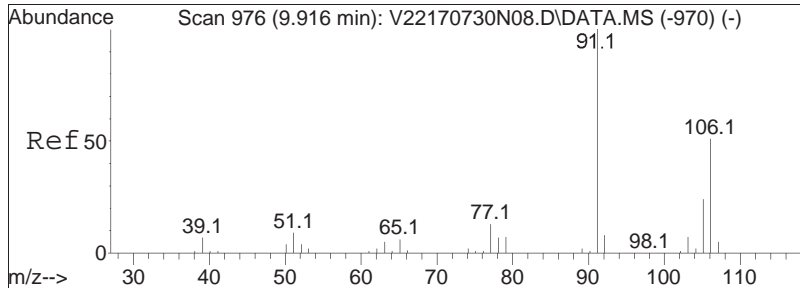




#79
 1,1,1,2-Tetrachloroethane
 Concen: 11.11 ug/L
 RT: 9.766 min Scan# 962
 Delta R.T. -0.000 min
 Lab File: V22170814A02.D
 Acq: 14 Aug 2017 12:52 pm

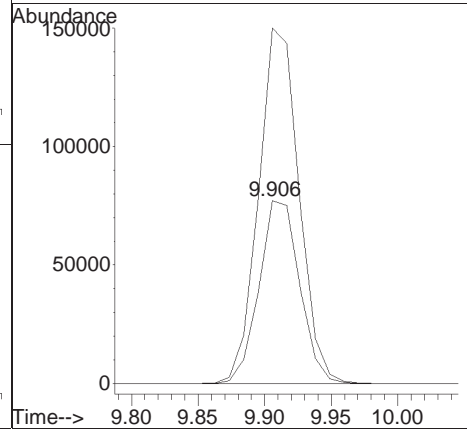
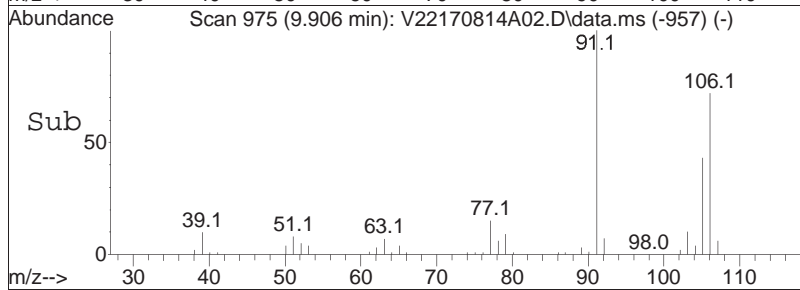
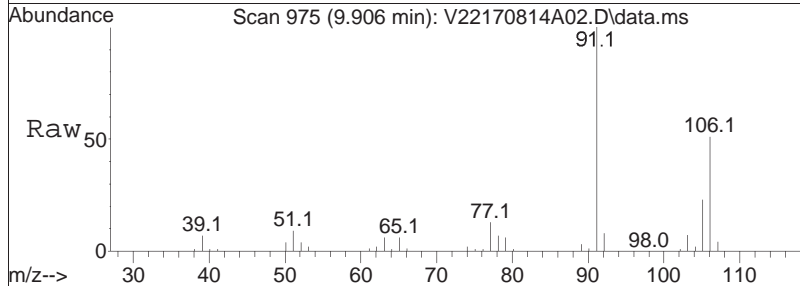
Tgt Ion	Resp	Lower	Upper
131	100		
133	96.2	75.3	115.3
119	64.3	49.3	89.3

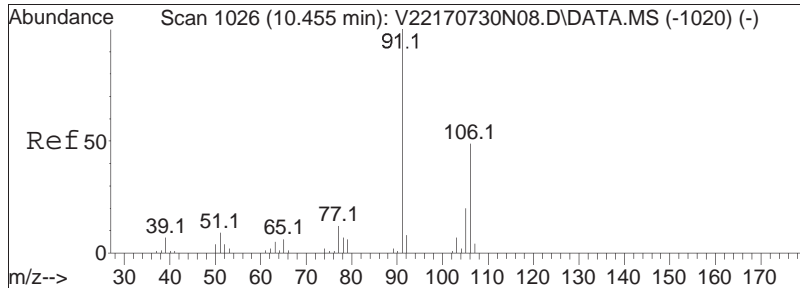




#80
 p/m Xylene
 Concen: 22.86 ug/L
 RT: 9.906 min Scan# 975
 Delta R.T. -0.010 min
 Lab File: V22170814A02.D
 Acq: 14 Aug 2017 12:52 pm

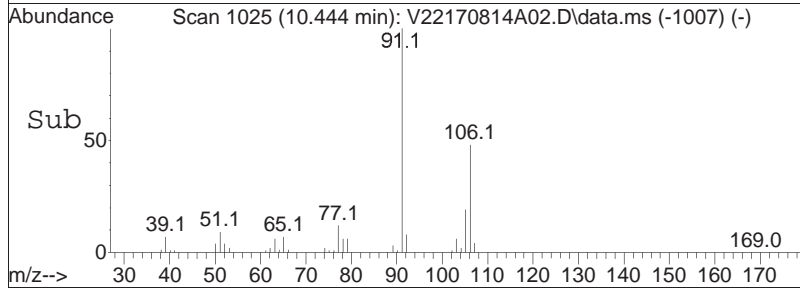
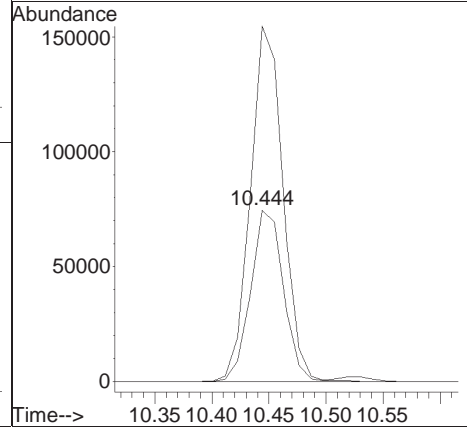
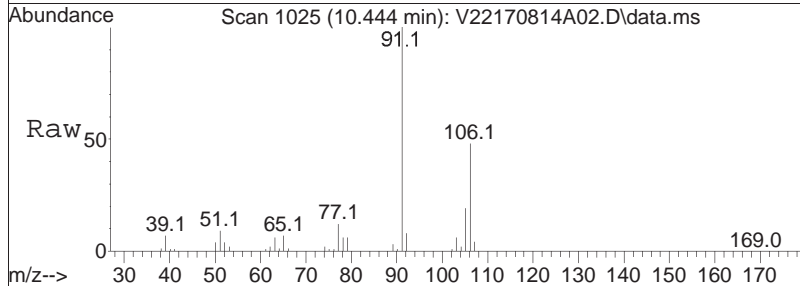
Tgt Ion	106	91	Resp	163455
Ion Ratio	100	193.4	Lower	Upper
			156.0	234.0

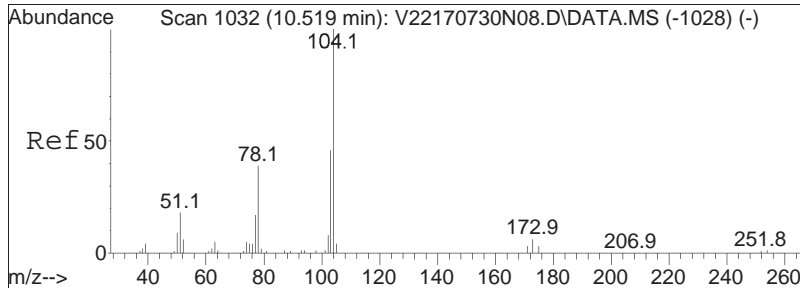




#81
 o Xylene
 Concen: 22.68 ug/L
 RT: 10.444 min Scan# 1025
 Delta R.T. -0.011 min
 Lab File: V22170814A02.D
 Acq: 14 Aug 2017 12:52 pm

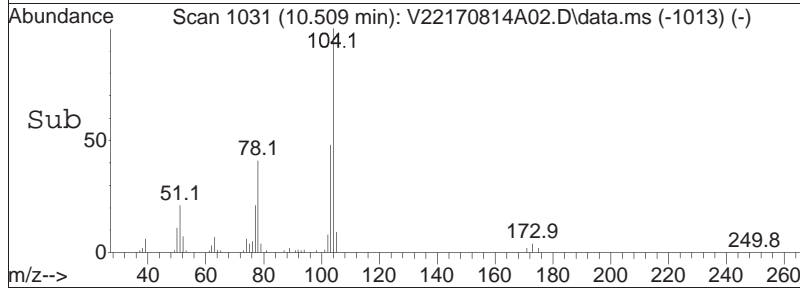
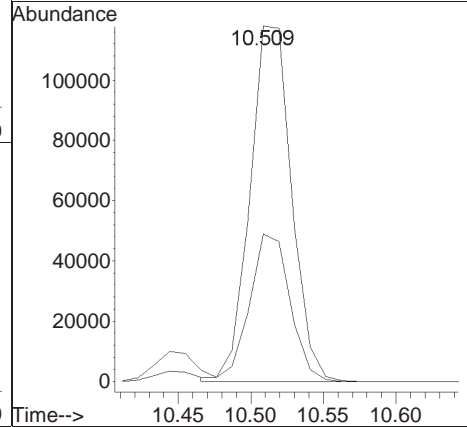
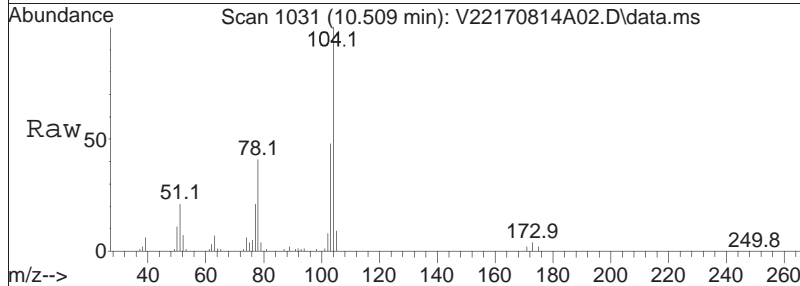
Tgt Ion	Resp	Lower	Upper
106	100		
91	205.4	164.0	246.0

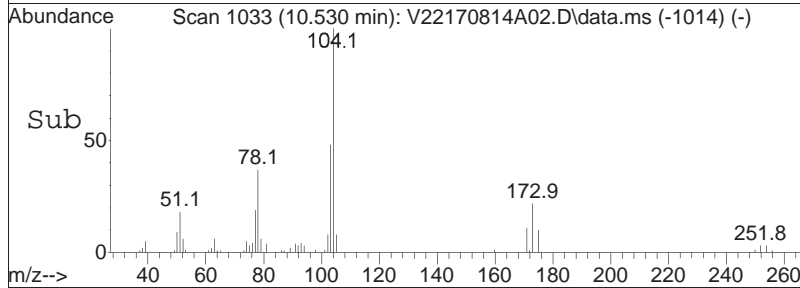
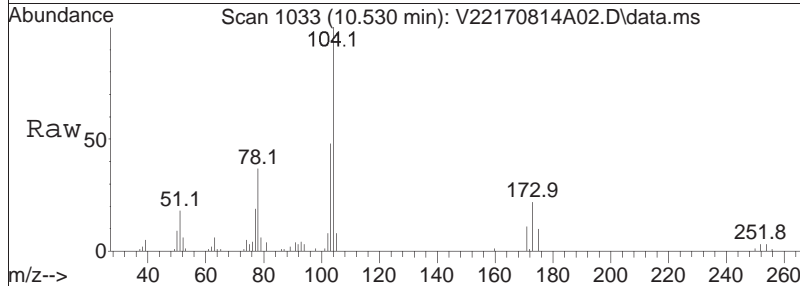
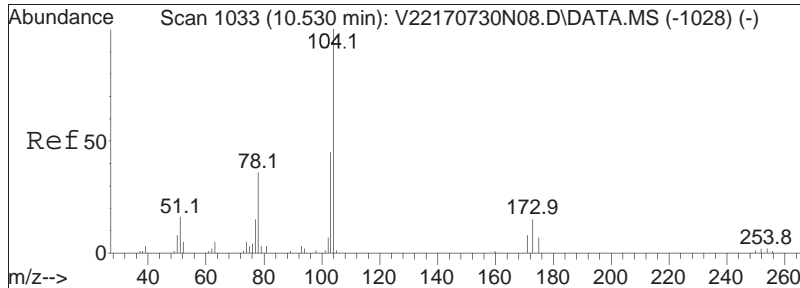




#82
 Styrene
 Concen: 22.16 ug/L
 RT: 10.509 min Scan# 1031
 Delta R.T. -0.010 min
 Lab File: V22170814A02.D
 Acq: 14 Aug 2017 12:52 pm

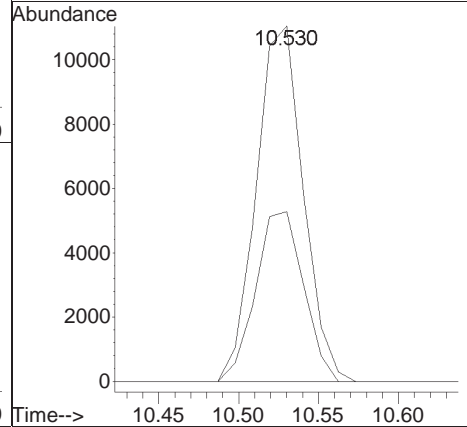
Tgt Ion	Ratio	Lower	Upper
104	100		
78	40.2	32.1	48.1

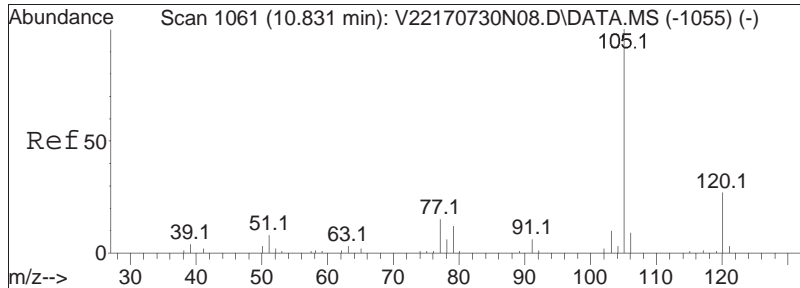




#84
 Bromoform
 Concen: 9.98 ug/L
 RT: 10.530 min Scan# 1033
 Delta R.T. 0.000 min
 Lab File: V22170814A02.D
 Acq: 14 Aug 2017 12:52 pm

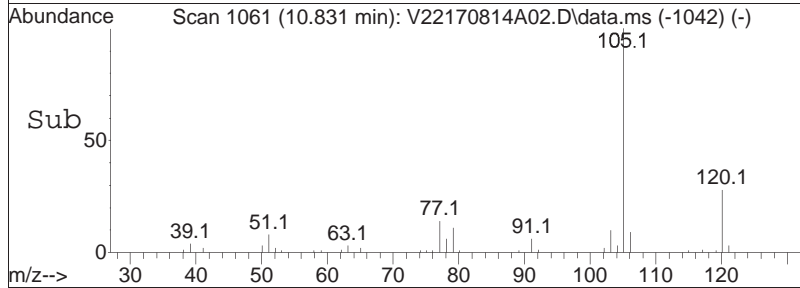
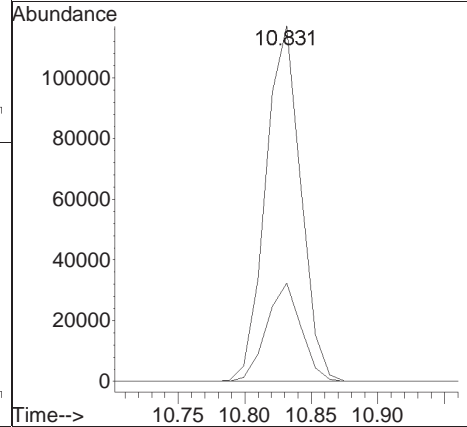
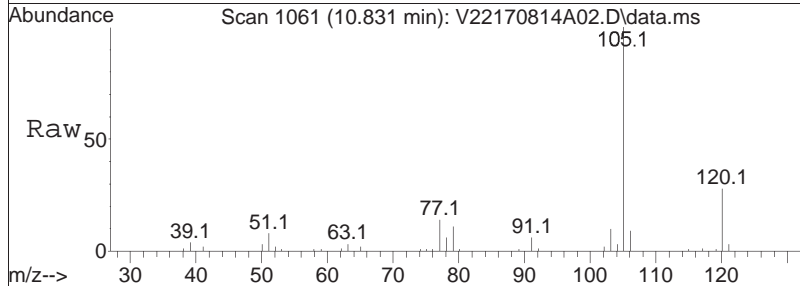
Tgt Ion	Resp	Lower	Upper
173	22588		
173	100		
175	48.7	29.3	69.3

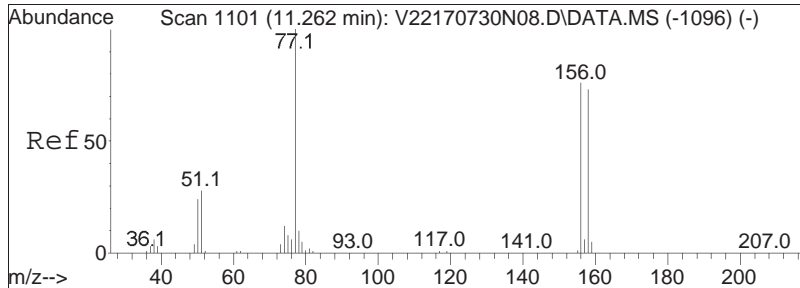




#86
 Isopropylbenzene
 Concen: 11.67 ug/L
 RT: 10.831 min Scan# 1061
 Delta R.T. 0.000 min
 Lab File: V22170814A02.D
 Acq: 14 Aug 2017 12:52 pm

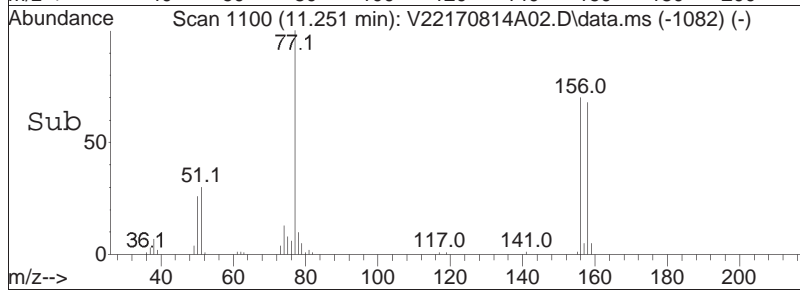
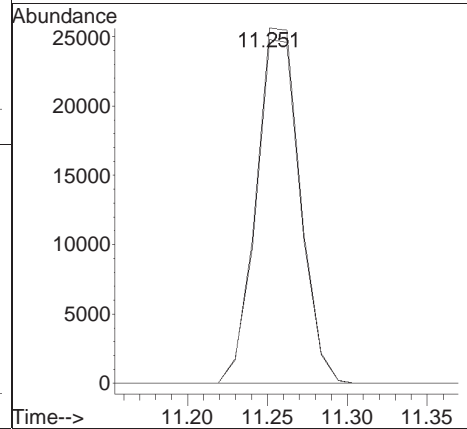
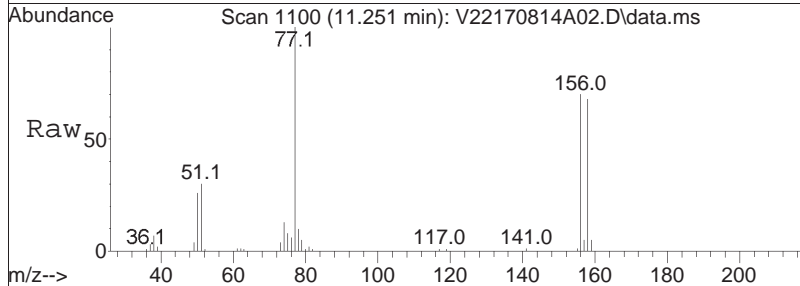
Tgt Ion	Resp	Lower	Upper
105	100		
120	27.2	7.7	47.7

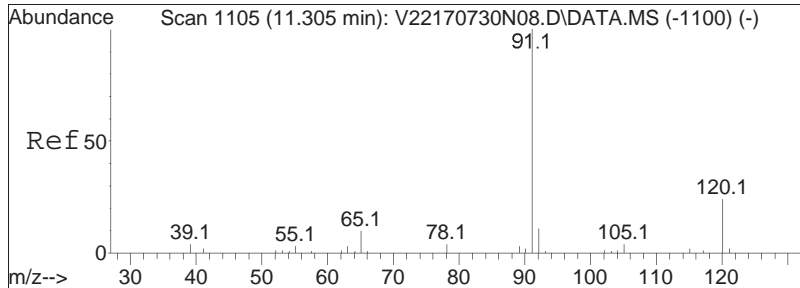




#88
 Bromobenzene
 Concen: 11.04 ug/L
 RT: 11.251 min Scan# 1100
 Delta R.T. -0.011 min
 Lab File: V22170814A02.D
 Acq: 14 Aug 2017 12:52 pm

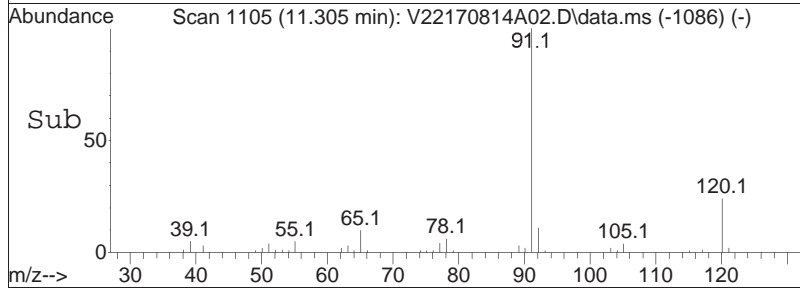
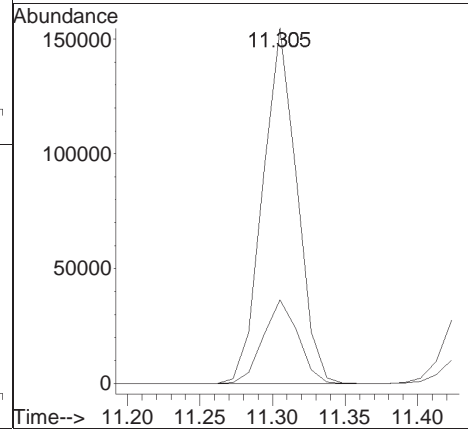
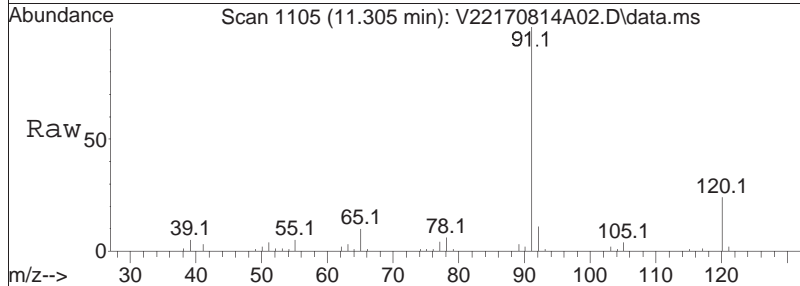
Tgt Ion	Ratio	Lower	Upper
156	100		
158	96.4	77.9	116.9

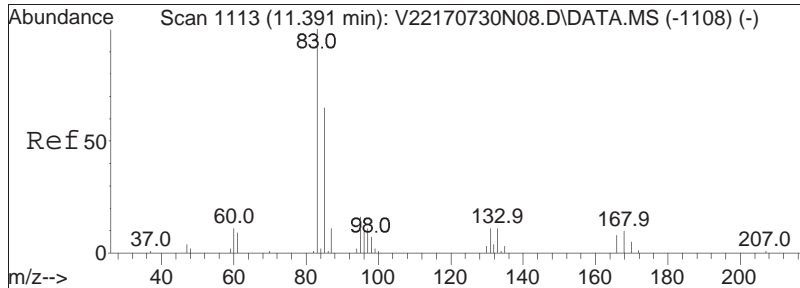




#89
 n-Propylbenzene
 Concen: 12.03 ug/L
 RT: 11.305 min Scan# 1105
 Delta R.T. 0.000 min
 Lab File: V22170814A02.D
 Acq: 14 Aug 2017 12:52 pm

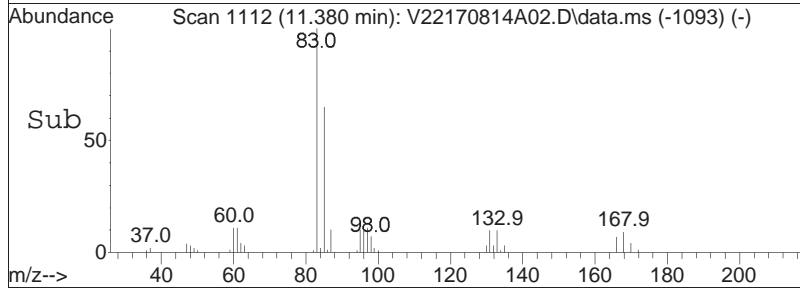
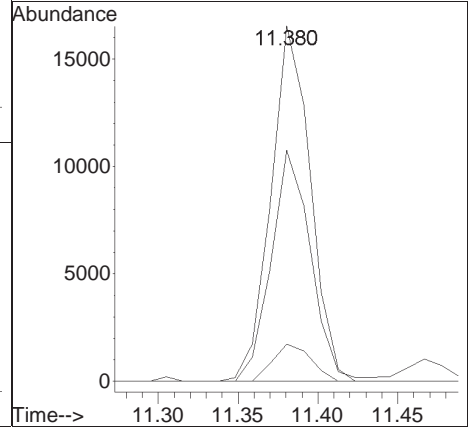
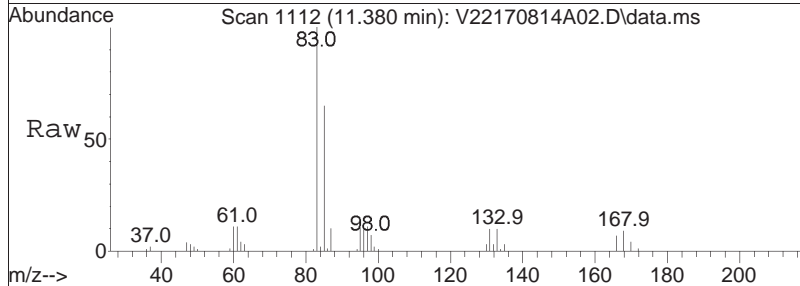
Tgt Ion	Resp	Lower	Upper
91	100		
120	24.0	19.5	29.3

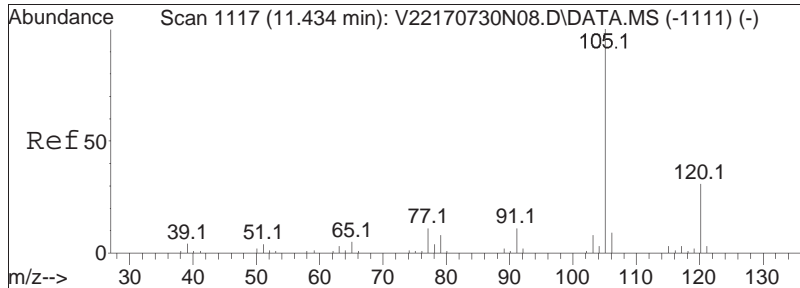




#91
 1,1,2,2-Tetrachloroethane
 Concen: 10.38 ug/L
 RT: 11.380 min Scan# 1112
 Delta R.T. 0.000 min
 Lab File: V22170814A02.D
 Acq: 14 Aug 2017 12:52 pm

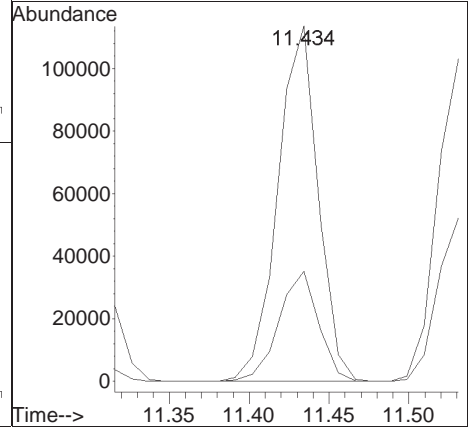
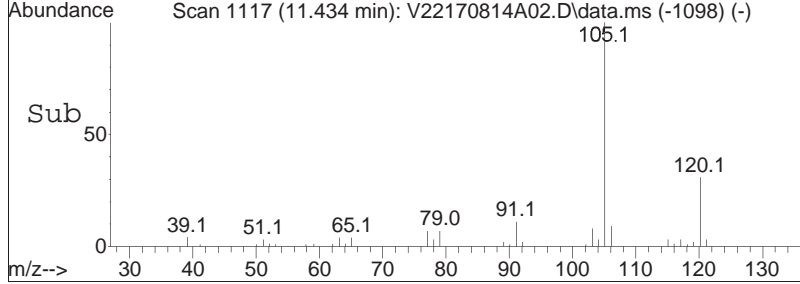
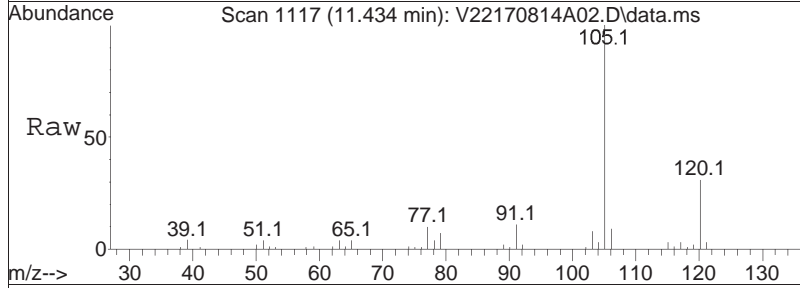
Tgt Ion	Ratio	Lower	Upper
83	100		
131	10.2	0.0	30.8
85	65.0	45.4	85.4

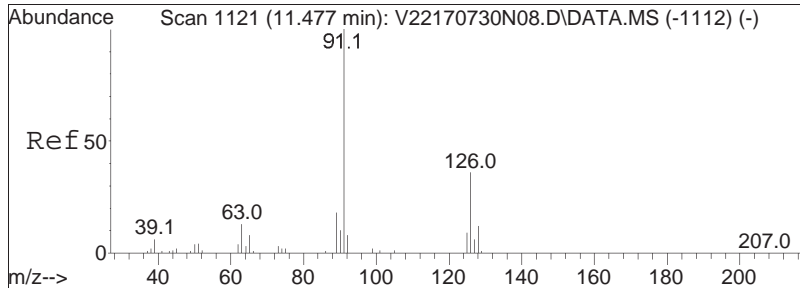




#92
 4-Ethyltoluene
 Concen: 11.80 ug/L
 RT: 11.434 min Scan# 1117
 Delta R.T. 0.000 min
 Lab File: V22170814A02.D
 Acq: 14 Aug 2017 12:52 pm

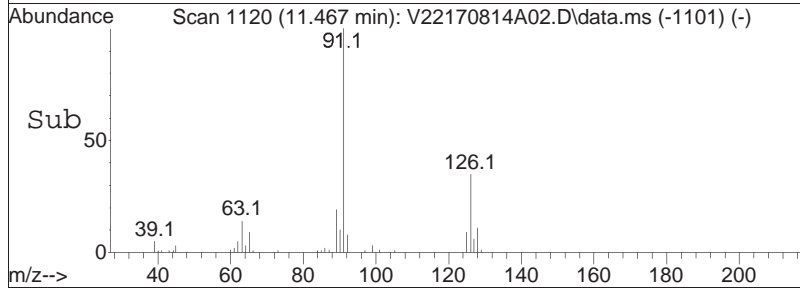
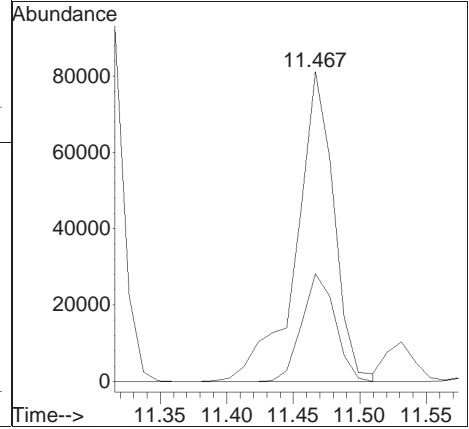
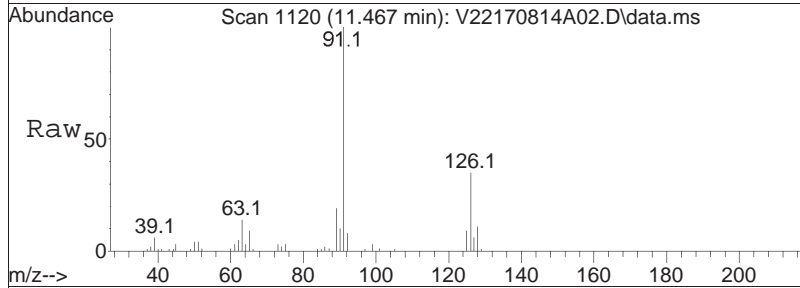
Tgt Ion	Resp	Lower	Upper
105	100		
120	30.5	19.8	41.0

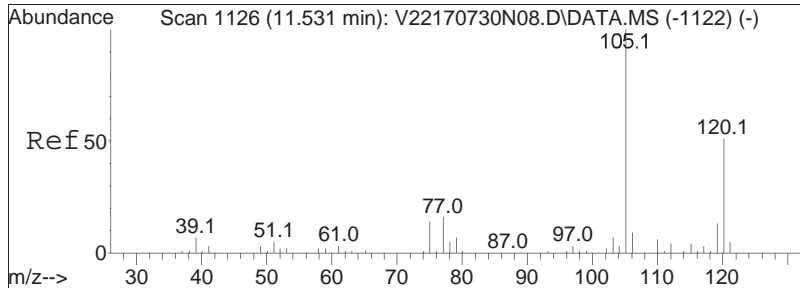




#93
 2-Chlorotoluene
 Concen: 11.83 ug/L
 RT: 11.467 min Scan# 1120
 Delta R.T. 0.001 min
 Lab File: V22170814A02.D
 Acq: 14 Aug 2017 12:52 pm

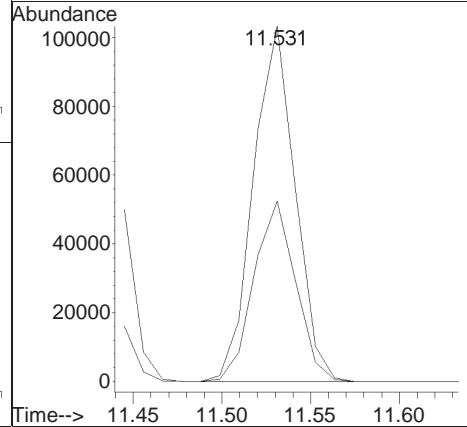
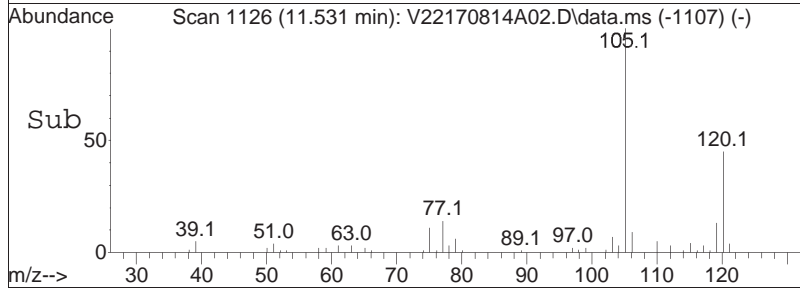
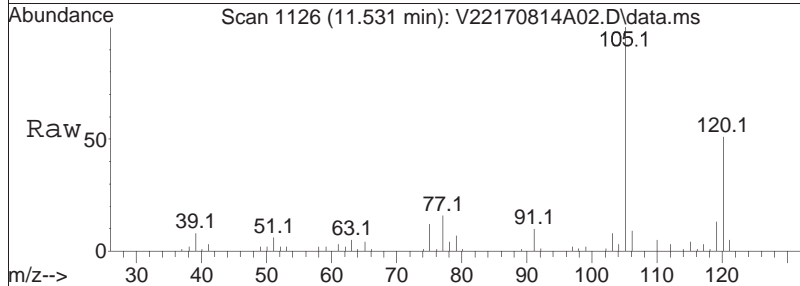
Tgt Ion:	91	Resp:	160340
Ion Ratio	Lower	Upper	
91	100		
126	30.6	24.6	37.0

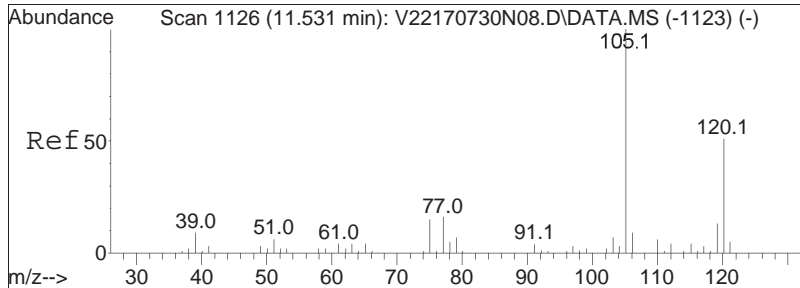




#94
 1,3,5-Trimethylbenzene
 Concen: 11.70 ug/L
 RT: 11.531 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: V22170814A02.D
 Acq: 14 Aug 2017 12:52 pm

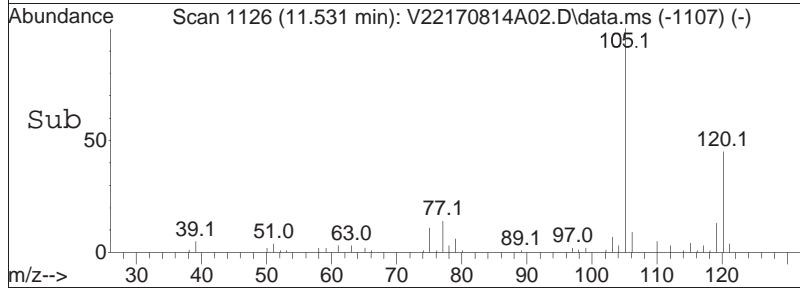
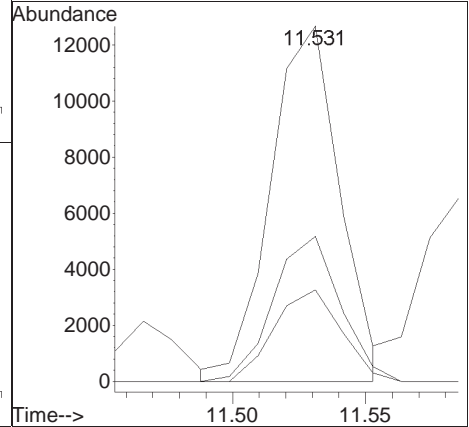
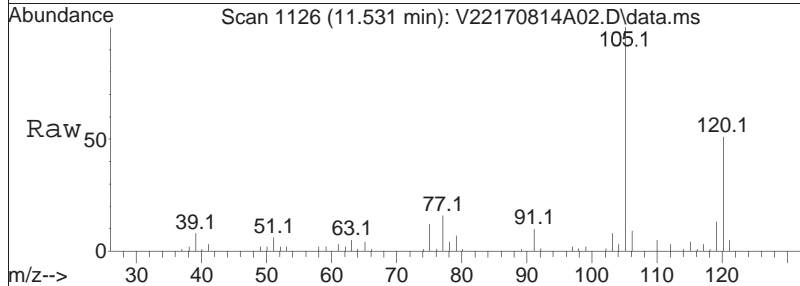
Tgt Ion	Resp	Lower	Upper
105	100		
120	50.8	40.9	61.3

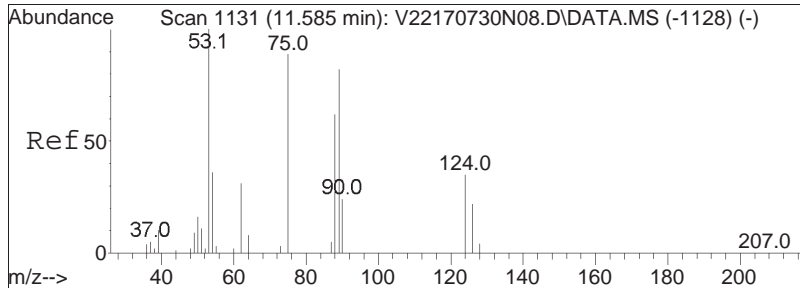




#95
 1,2,3-Trichloropropane
 Concen: 10.42 ug/L
 RT: 11.531 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: V22170814A02.D
 Acq: 14 Aug 2017 12:52 pm

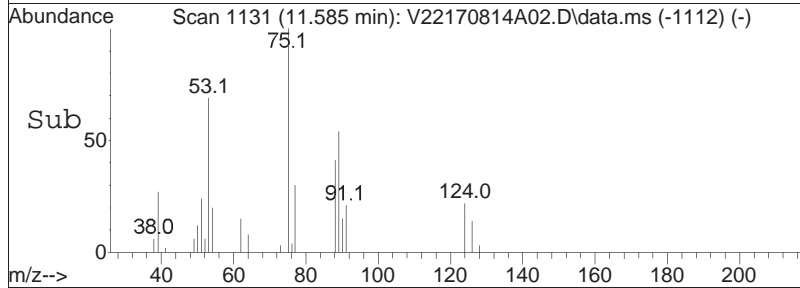
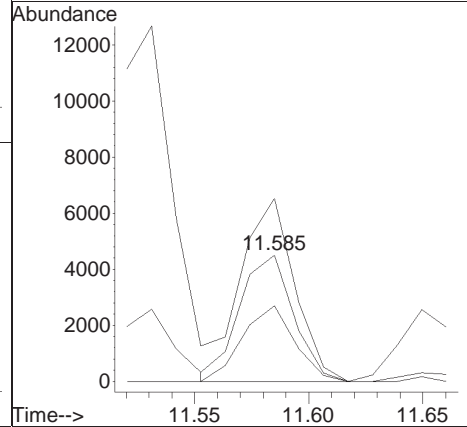
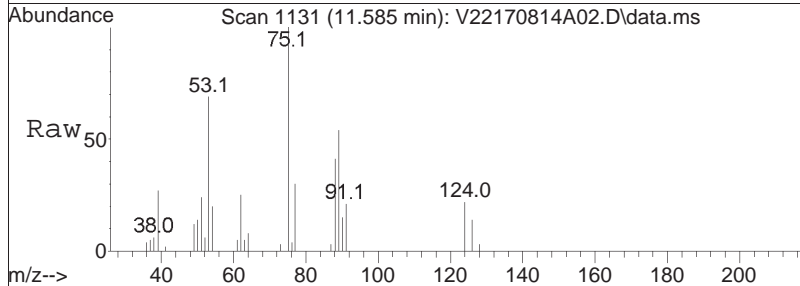
Tgt Ion	Resp	Lower	Upper
75	22885		
75	100		
110	39.6	26.3	54.7
112	25.1	16.8	35.0

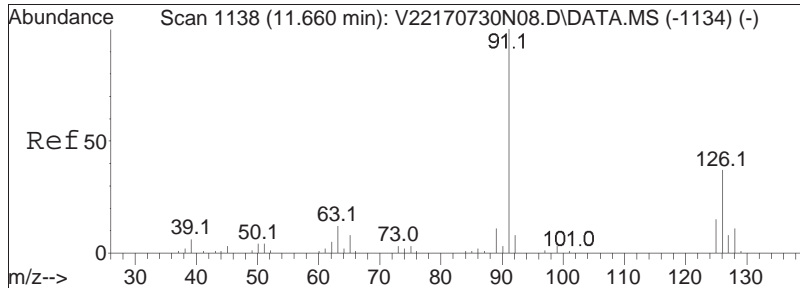




#96
 trans-1,4-Dichloro-2-butene
 Concen: 10.75 ug/L
 RT: 11.585 min Scan# 1131
 Delta R.T. -0.000 min
 Lab File: V22170814A02.D
 Acq: 14 Aug 2017 12:52 pm

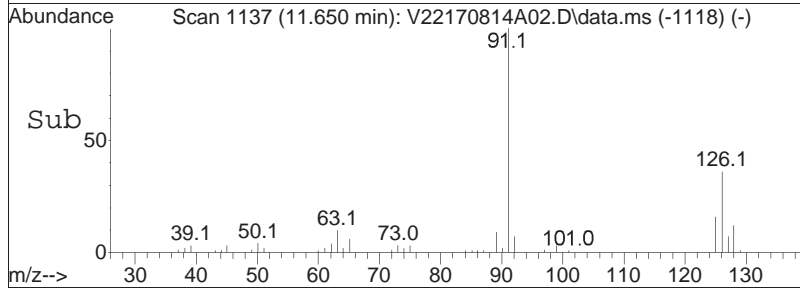
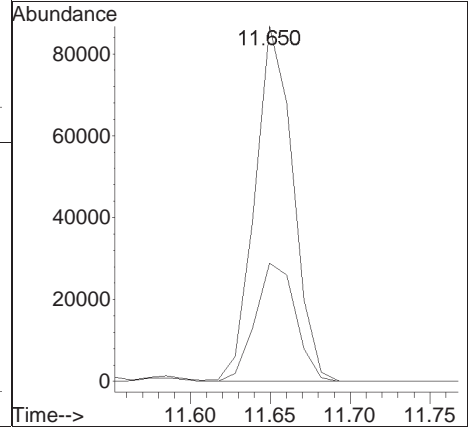
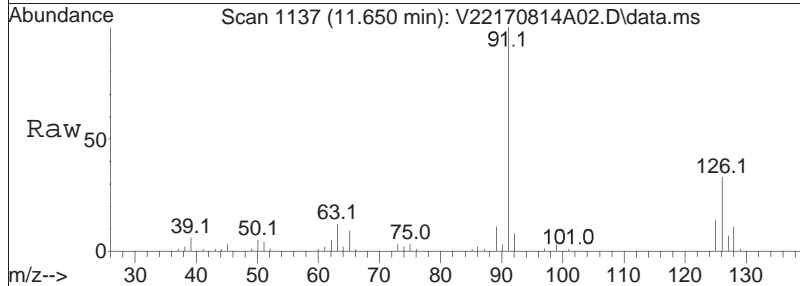
Tgt Ion	Resp	Lower	Upper
53	100		
88	58.0	46.3	69.5
75	144.1	109.0	163.4

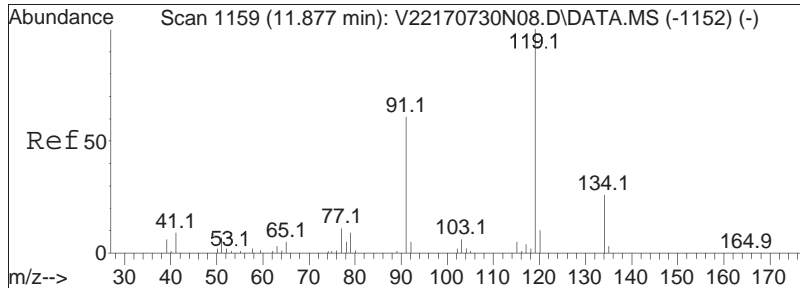




#97
 4-Chlorotoluene
 Concen: 11.64 ug/L
 RT: 11.650 min Scan# 1137
 Delta R.T. 0.001 min
 Lab File: V22170814A02.D
 Acq: 14 Aug 2017 12:52 pm

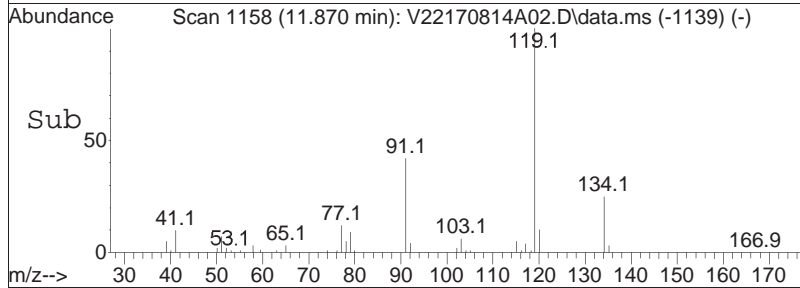
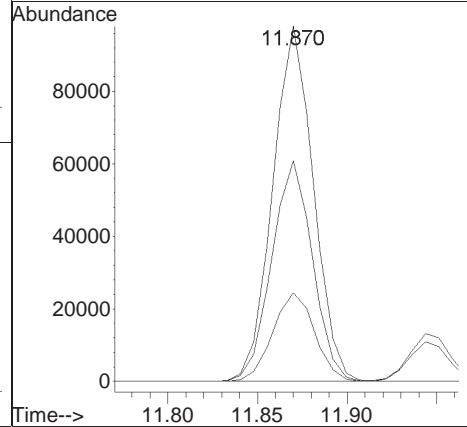
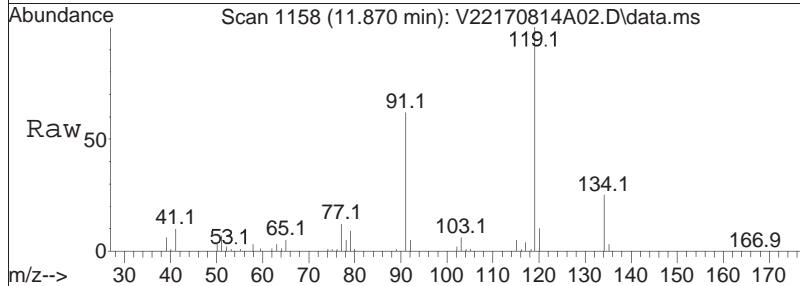
Tgt Ion:	91	Resp:	143675
Ion Ratio	100	Lower	Upper
126	35.3	28.5	42.7

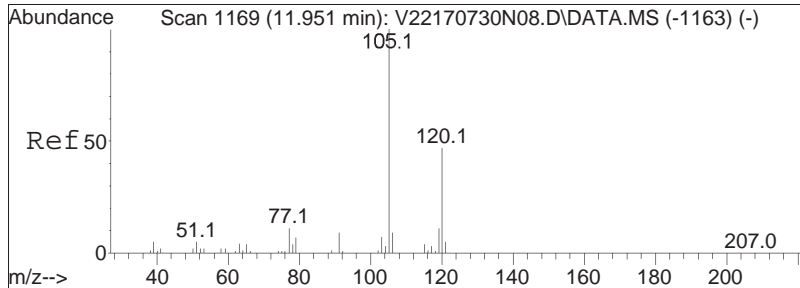




#98
 tert-Butylbenzene
 Concen: 11.68 ug/L
 RT: 11.870 min Scan# 1158
 Delta R.T. -0.000 min
 Lab File: V22170814A02.D
 Acq: 14 Aug 2017 12:52 pm

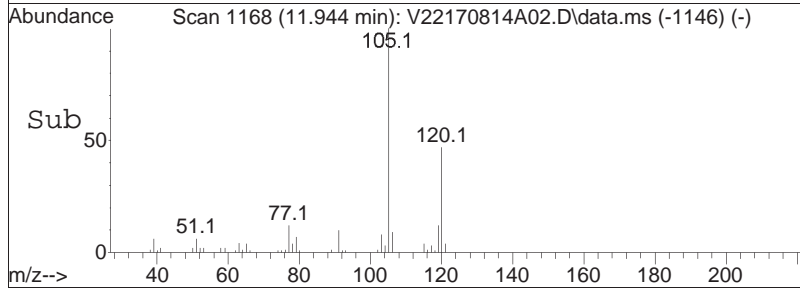
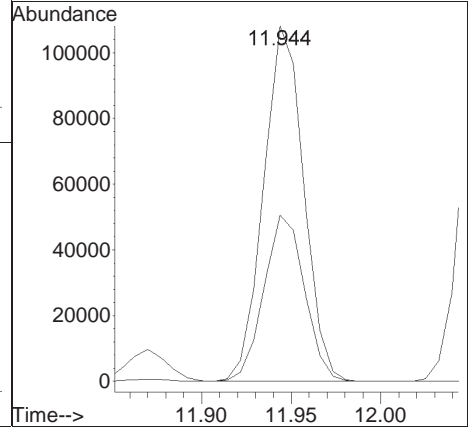
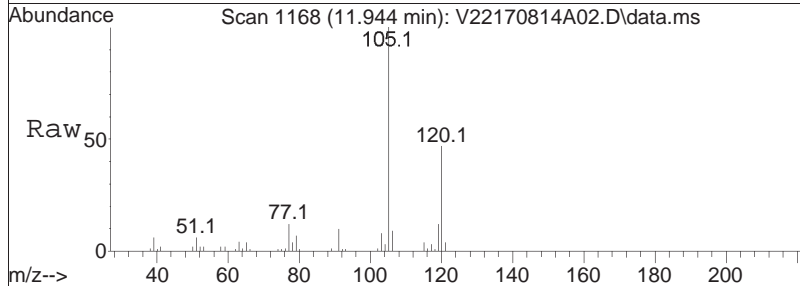
Tgt Ion	Ratio	Lower	Upper
119	100		
91	62.3	50.2	75.4
134	25.6	20.8	31.2

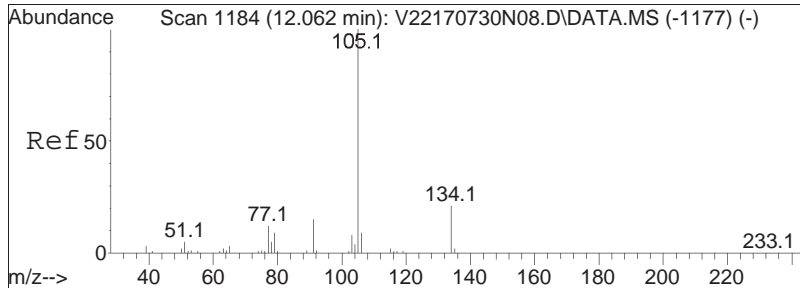




#101
 1,2,4-Trimethylbenzene
 Concen: 11.65 ug/L
 RT: 11.944 min Scan# 1168
 Delta R.T. -0.007 min
 Lab File: V22170814A02.D
 Acq: 14 Aug 2017 12:52 pm

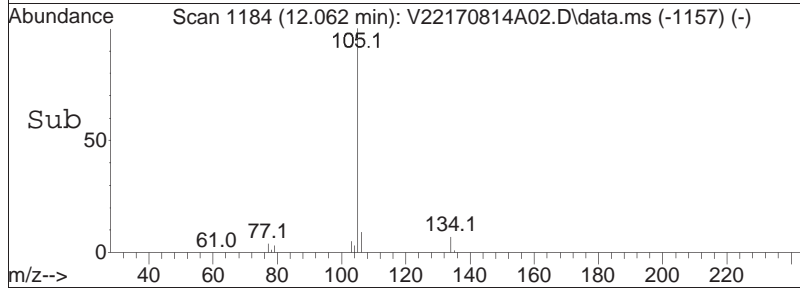
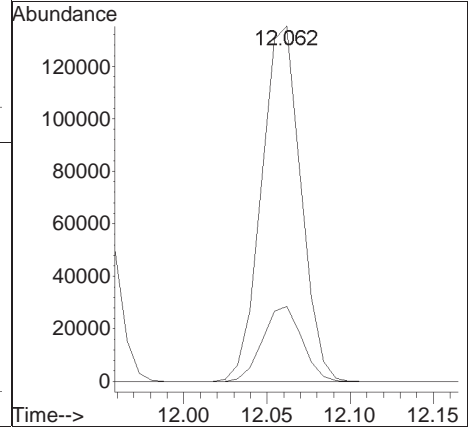
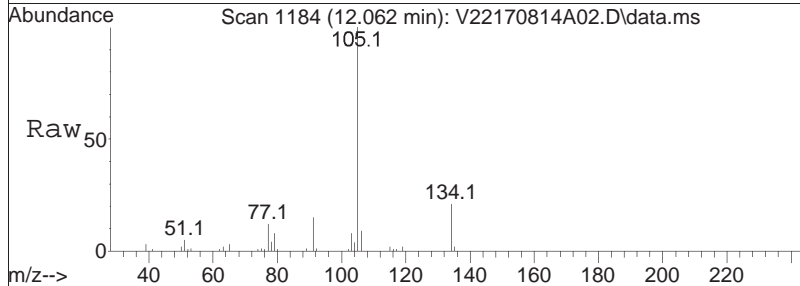
Tgt Ion	Resp	Lower	Upper
105	100		
120	47.3	38.5	57.7

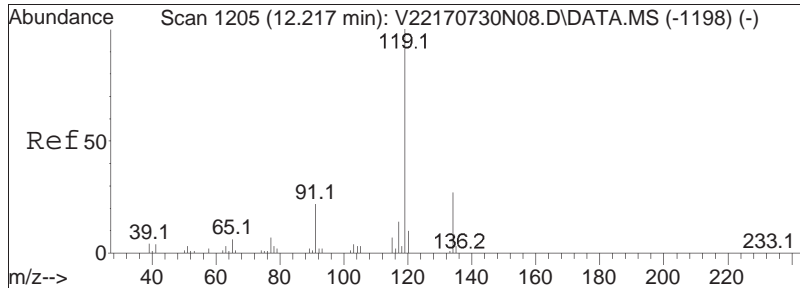




#102
 sec-Butylbenzene
 Concen: 11.86 ug/L
 RT: 12.062 min Scan# 1184
 Delta R.T. -0.000 min
 Lab File: V22170814A02.D
 Acq: 14 Aug 2017 12:52 pm

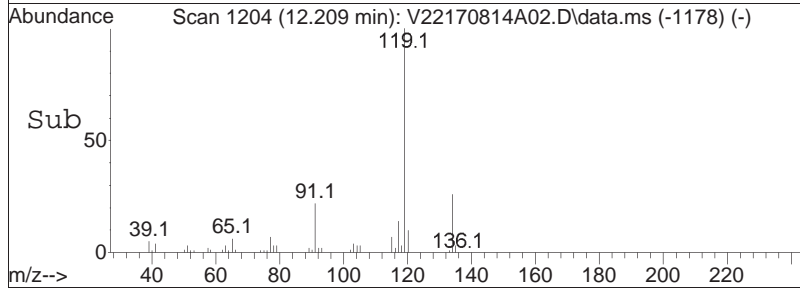
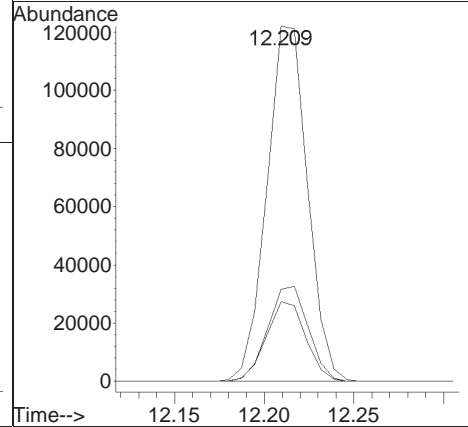
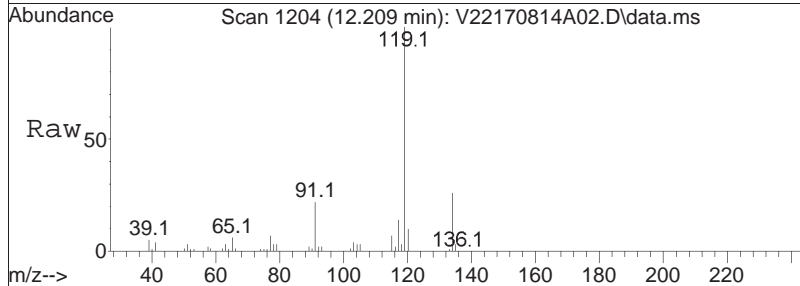
Tgt Ion	Resp	Lower	Upper
105	100		
134	21.0	13.9	28.9

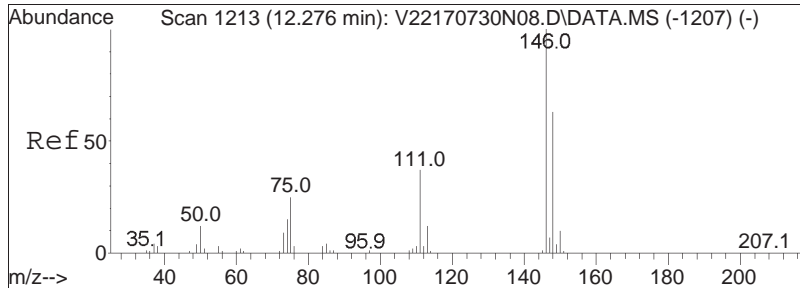




#103
 p-Isopropyltoluene
 Concen: 11.85 ug/L
 RT: 12.209 min Scan# 1204
 Delta R.T. -0.008 min
 Lab File: V22170814A02.D
 Acq: 14 Aug 2017 12:52 pm

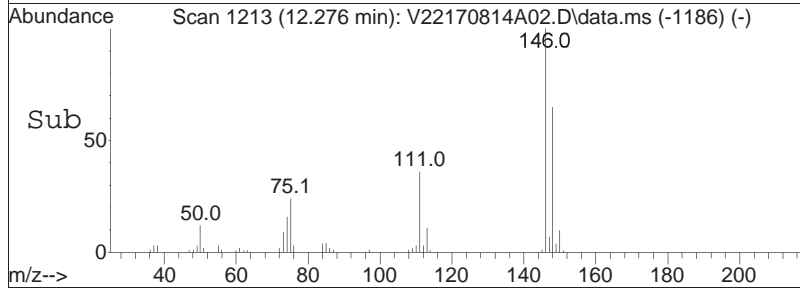
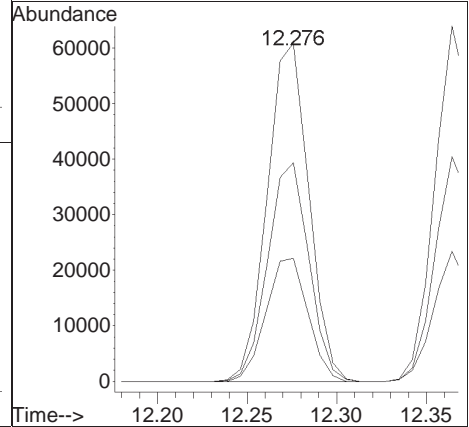
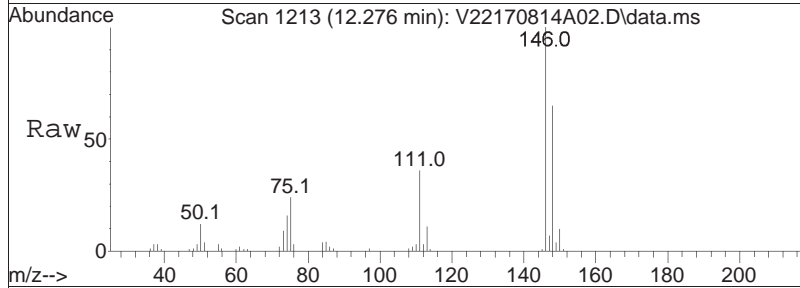
Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.7	17.7	36.7
91	22.0	14.1	29.3

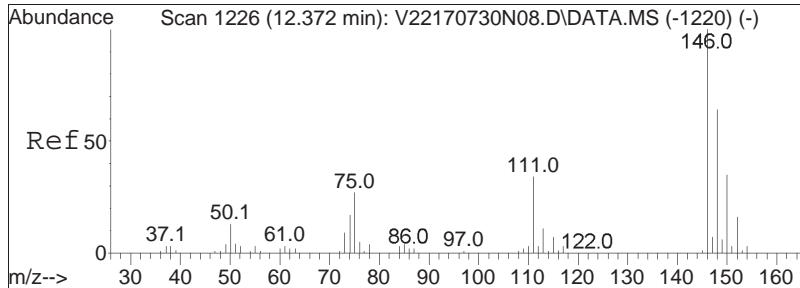




#104
 1,3-Dichlorobenzene
 Concen: 11.36 ug/L
 RT: 12.276 min Scan# 1213
 Delta R.T. -0.000 min
 Lab File: V22170814A02.D
 Acq: 14 Aug 2017 12:52 pm

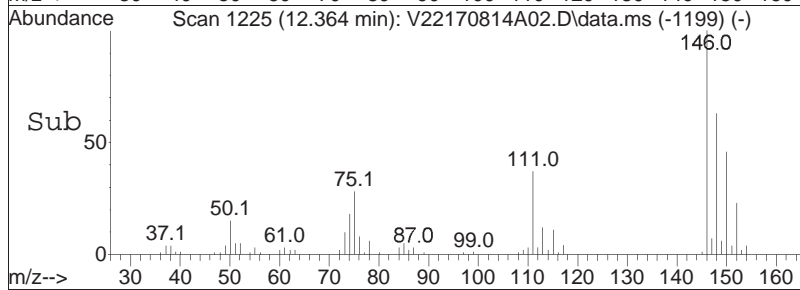
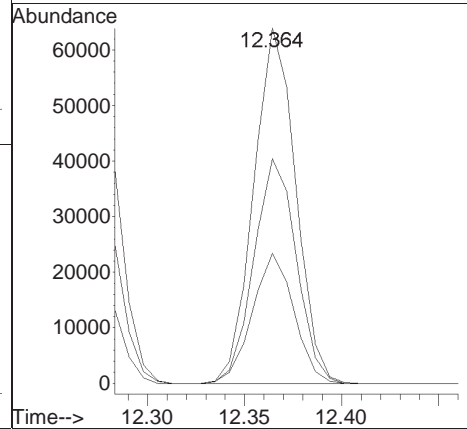
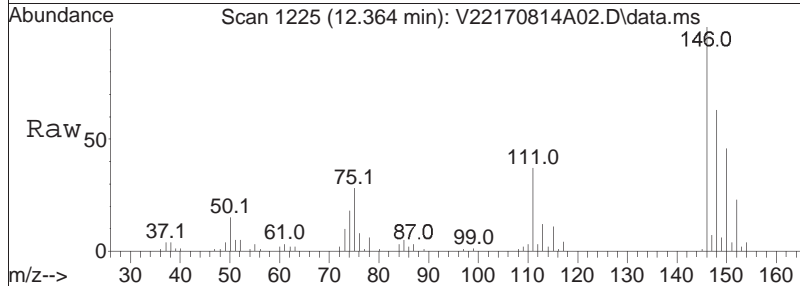
Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.8	24.0	49.8
148	64.1	41.8	86.8

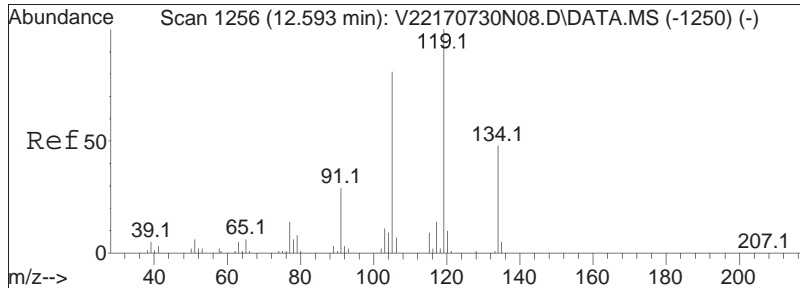




#105
 1,4-Dichlorobenzene
 Concen: 11.27 ug/L
 RT: 12.364 min Scan# 1225
 Delta R.T. -0.008 min
 Lab File: V22170814A02.D
 Acq: 14 Aug 2017 12:52 pm

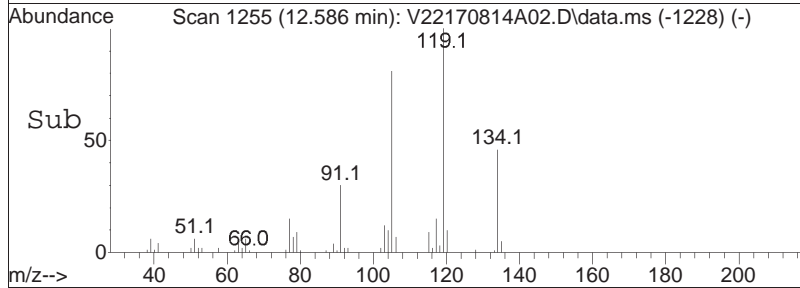
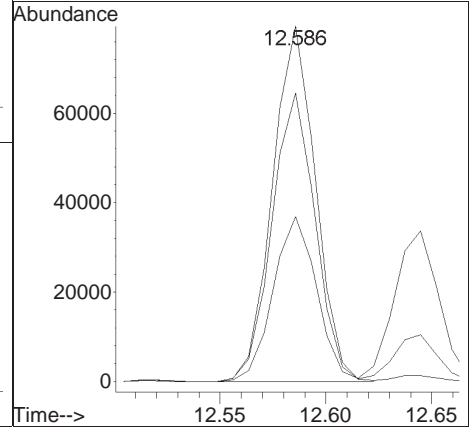
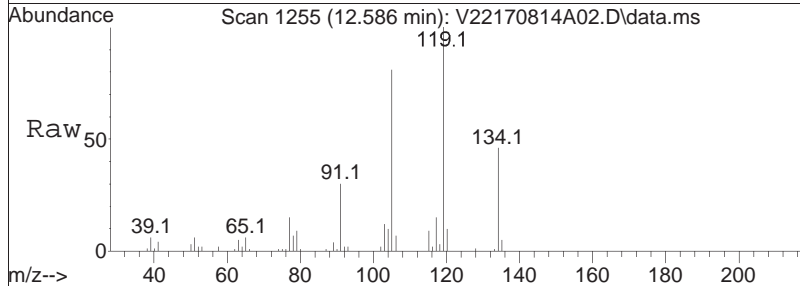
Tgt Ion	Resp	Lower	Upper
146	100		
111	36.2	28.9	43.3
148	63.9	51.4	77.2

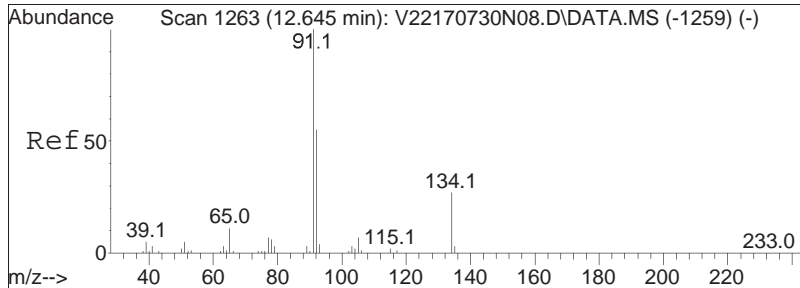




#106
 p-Diethylbenzene
 Concen: 11.87 ug/L
 RT: 12.586 min Scan# 1255
 Delta R.T. -0.000 min
 Lab File: V22170814A02.D
 Acq: 14 Aug 2017 12:52 pm

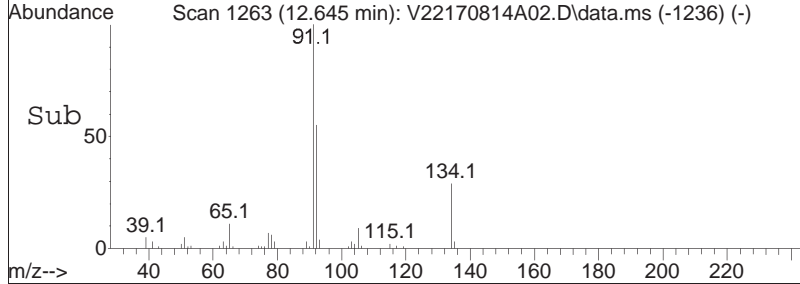
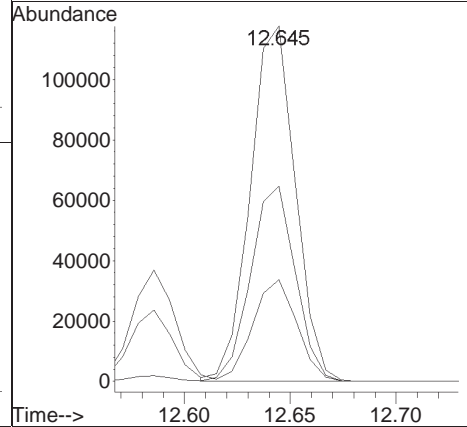
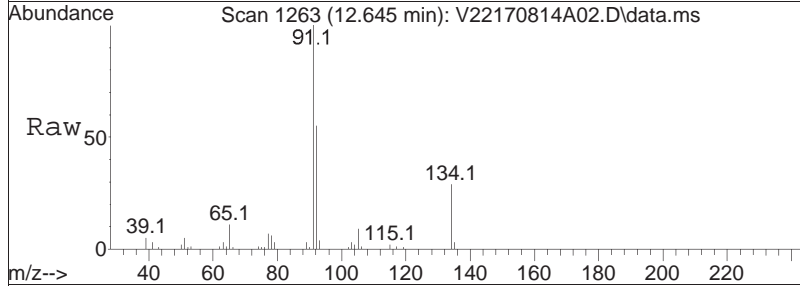
Tgt Ion	Resp	Lower	Upper
119	100		
105	81.6	53.4	110.8
134	47.0	30.9	64.1

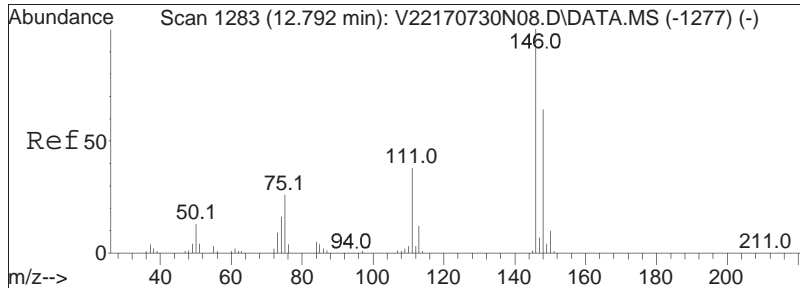




#107
 n-Butylbenzene
 Concen: 12.27 ug/L
 RT: 12.645 min Scan# 1263
 Delta R.T. -0.000 min
 Lab File: V22170814A02.D
 Acq: 14 Aug 2017 12:52 pm

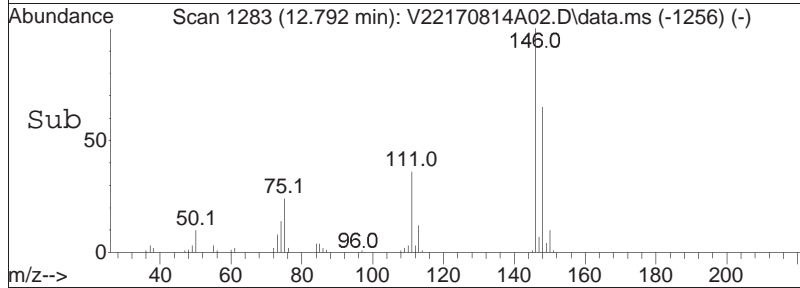
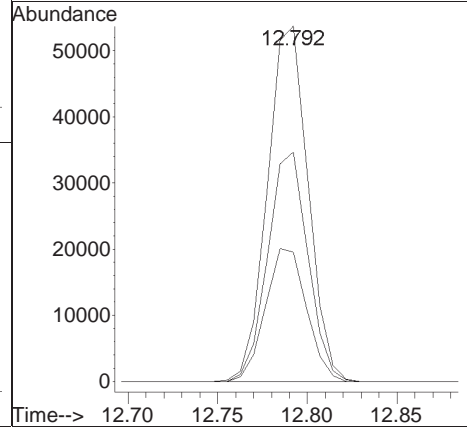
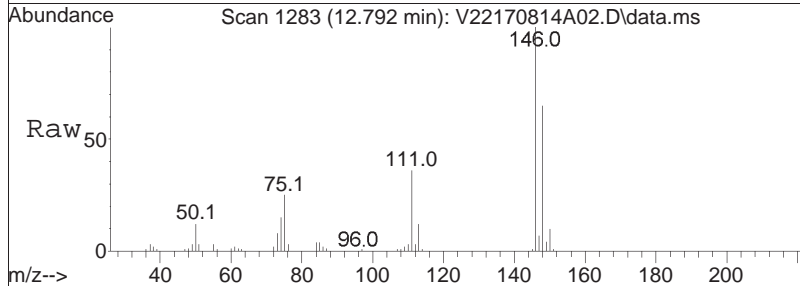
Tgt Ion	Resp	Lower	Upper
91	100		
92	54.6	44.6	66.8
134	28.0	22.9	34.3

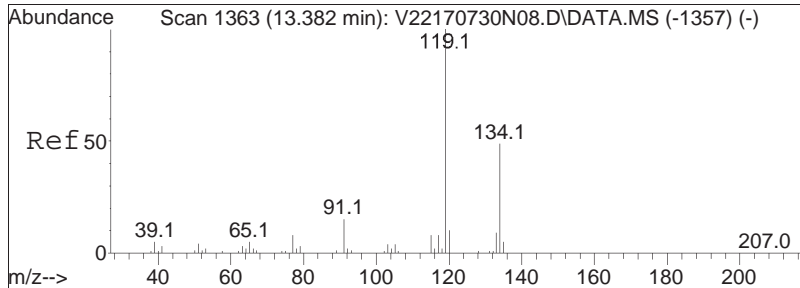




#108
 1,2-Dichlorobenzene
 Concen: 10.92 ug/L
 RT: 12.792 min Scan# 1283
 Delta R.T. 0.000 min
 Lab File: V22170814A02.D
 Acq: 14 Aug 2017 12:52 pm

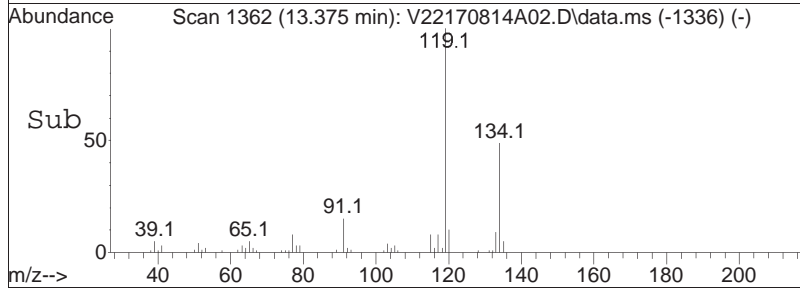
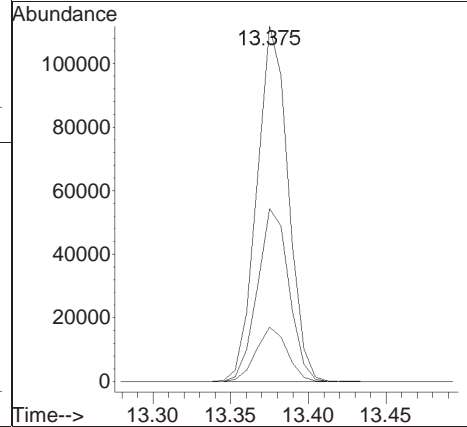
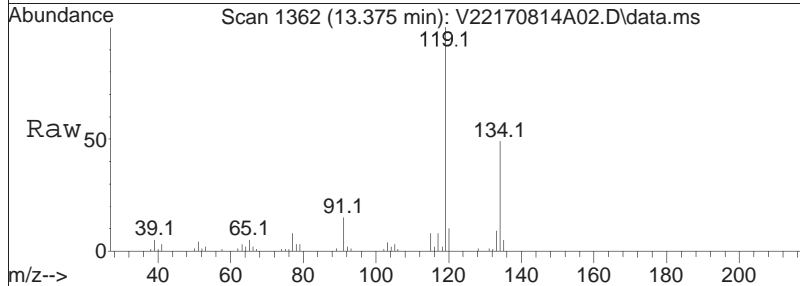
Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.8	24.8	51.6
148	63.9	42.2	87.6

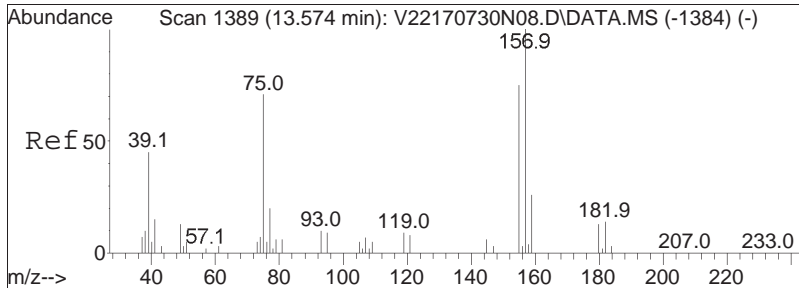




#109
 1,2,4,5-Tetramethylbenzene
 Concen: 11.25 ug/L
 RT: 13.375 min Scan# 1362
 Delta R.T. -0.007 min
 Lab File: V22170814A02.D
 Acq: 14 Aug 2017 12:52 pm

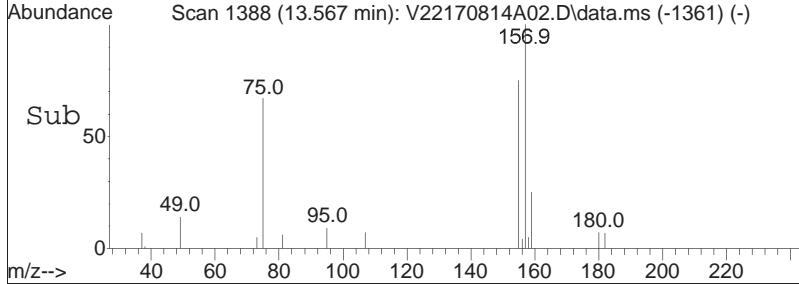
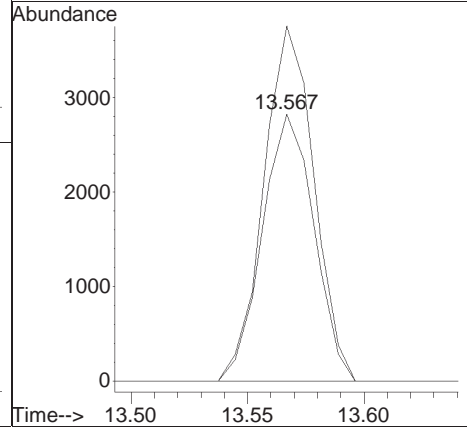
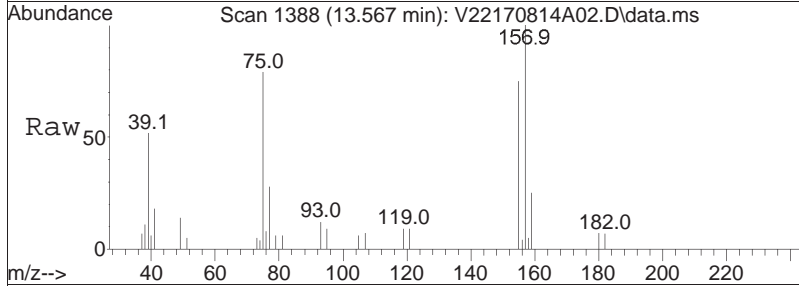
Tgt Ion	Ratio	Lower	Upper
119	100		
134	49.0	31.9	66.1
91	15.1	9.8	20.3

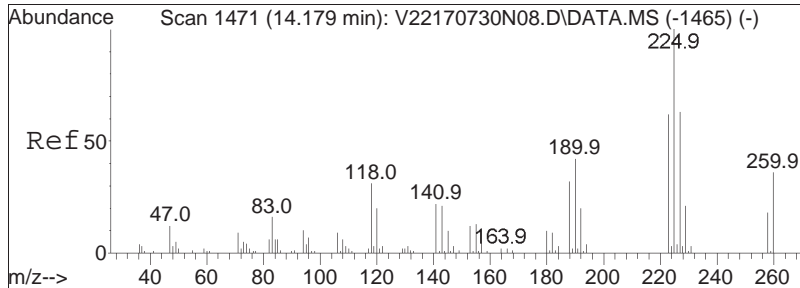




#110
 1,2-Dibromo-3-chloropropane
 Concen: 9.66 ug/L
 RT: 13.567 min Scan# 1388
 Delta R.T. -0.000 min
 Lab File: V22170814A02.D
 Acq: 14 Aug 2017 12:52 pm

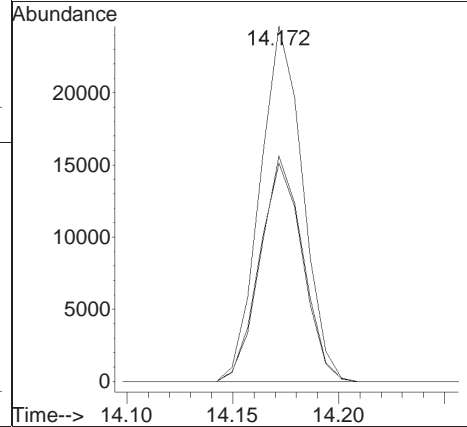
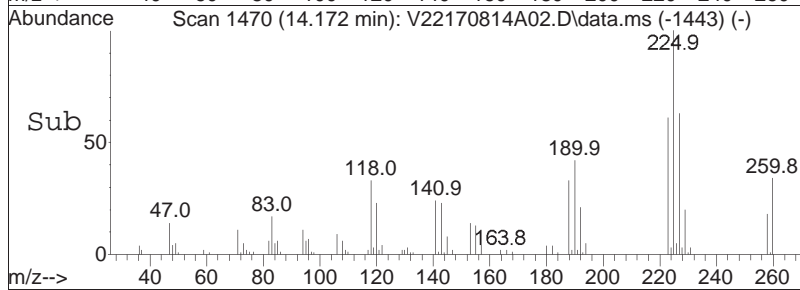
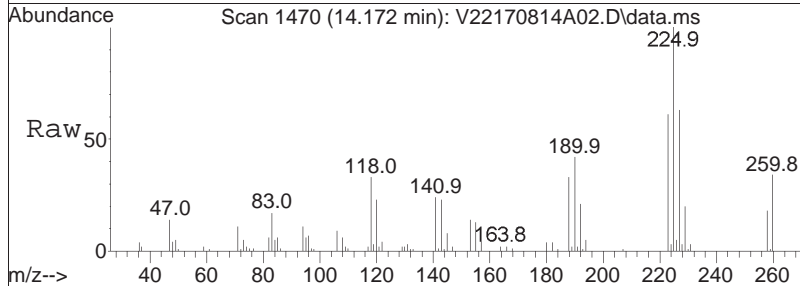
Tgt Ion	Resp	Lower	Upper
155	100		
157	128.9	102.3	153.5

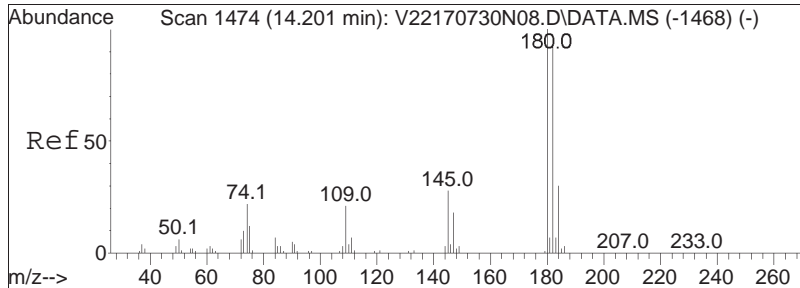




#112
 Hexachlorobutadiene
 Concen: 11.87 ug/L
 RT: 14.172 min Scan# 1470
 Delta R.T. -0.000 min
 Lab File: V22170814A02.D
 Acq: 14 Aug 2017 12:52 pm

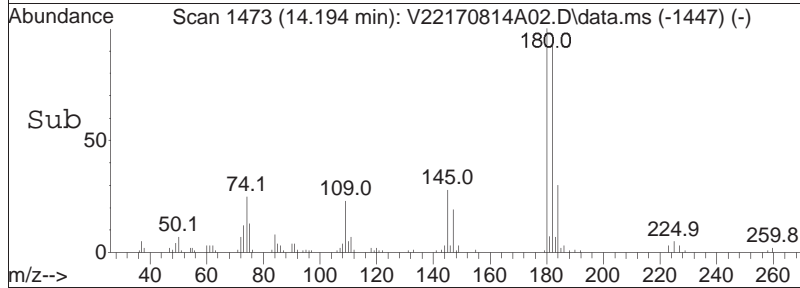
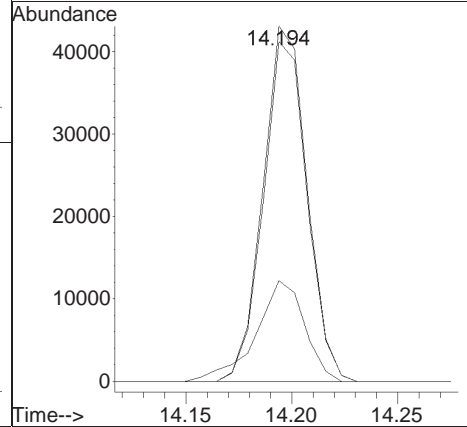
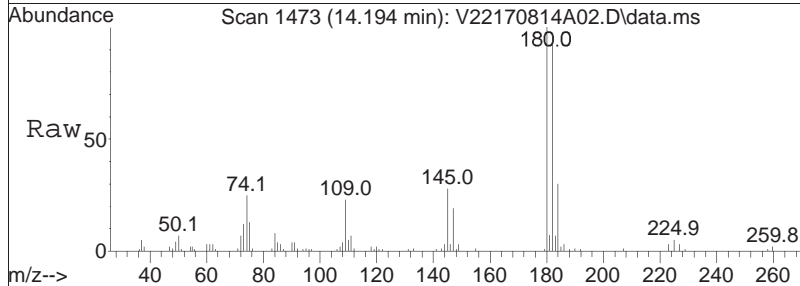
Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.2	49.8	74.8
227	63.1	52.2	78.4

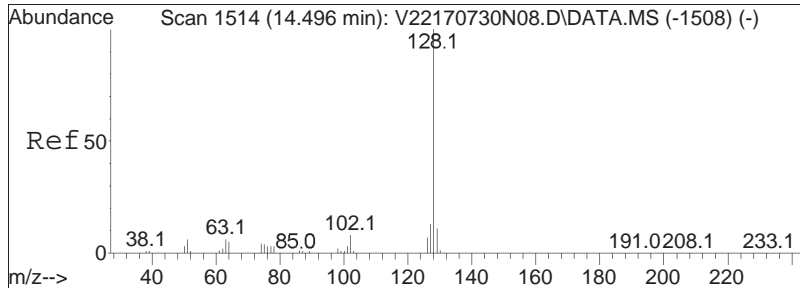




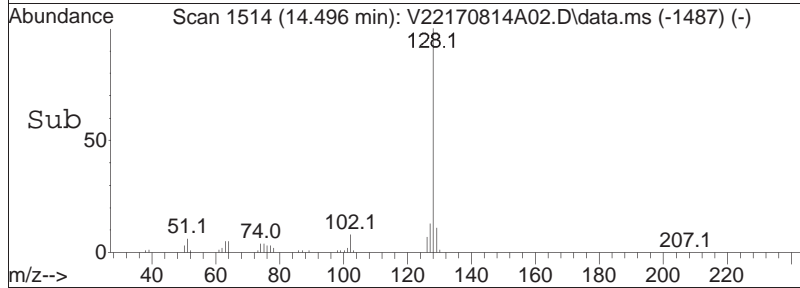
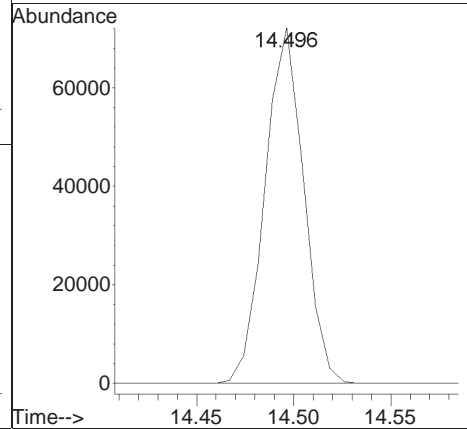
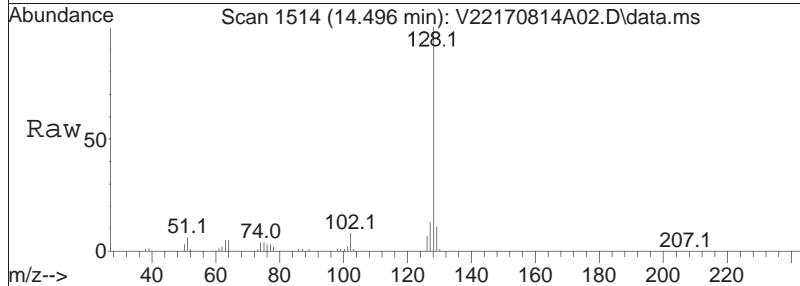
#113
 1,2,4-Trichlorobenzene
 Concen: 10.89 ug/L
 RT: 14.194 min Scan# 1473
 Delta R.T. -0.007 min
 Lab File: V22170814A02.D
 Acq: 14 Aug 2017 12:52 pm

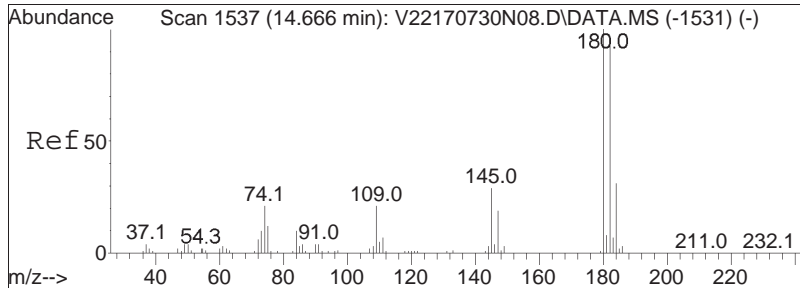
Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	76.6	114.8
145	31.4	25.5	38.3





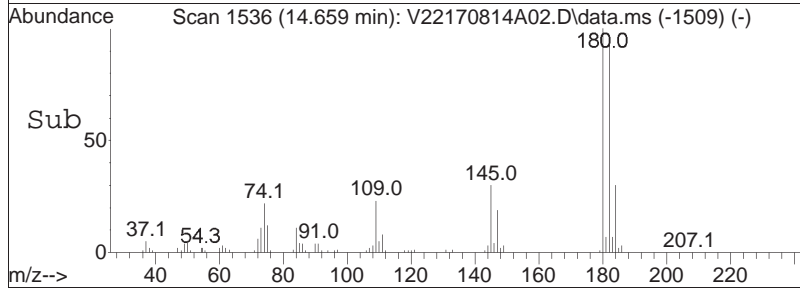
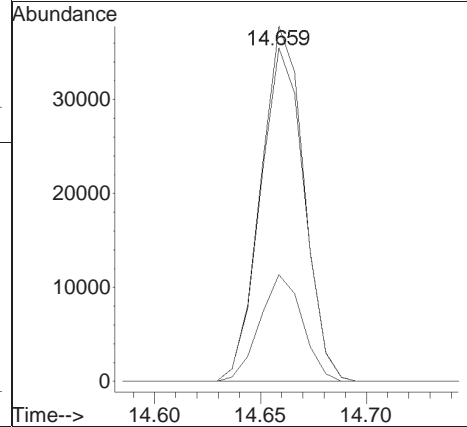
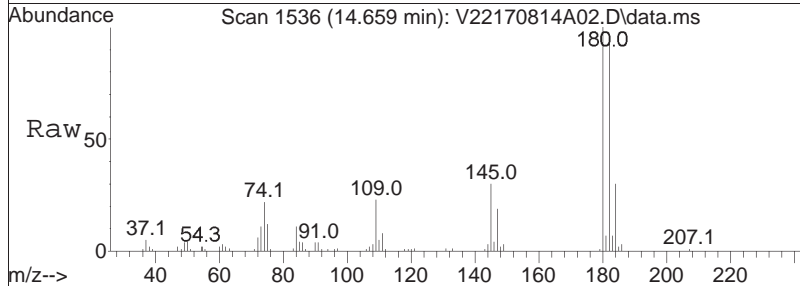
#114
 Naphthalene
 Concen: 9.92 ug/L
 RT: 14.496 min Scan# 1514
 Delta R.T. 0.000 min
 Lab File: V22170814A02.D
 Acq: 14 Aug 2017 12:52 pm
 Tgt Ion:128 Resp: 100077





#115
 1,2,3-Trichlorobenzene
 Concen: 10.42 ug/L
 RT: 14.659 min Scan# 1536
 Delta R.T. -0.000 min
 Lab File: V22170814A02.D
 Acq: 14 Aug 2017 12:52 pm

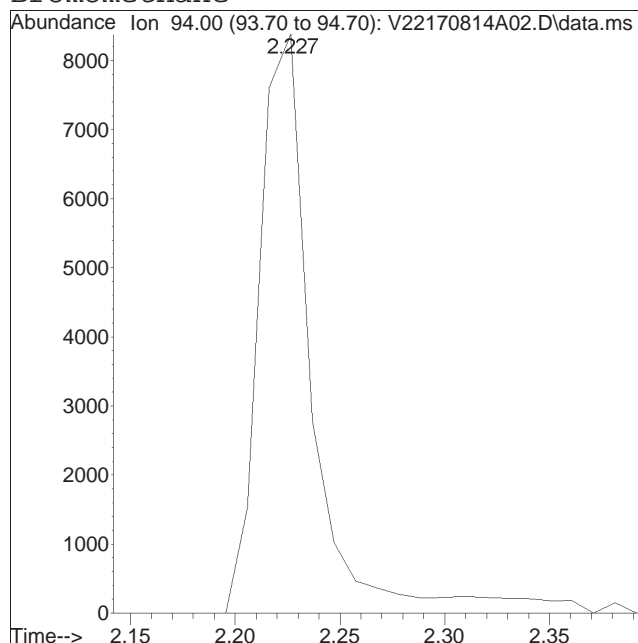
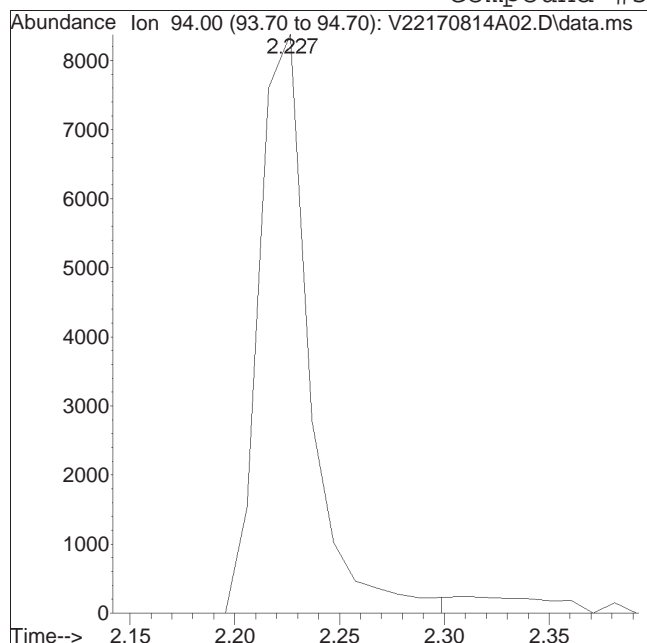
Tgt Ion	Resp	Lower	Upper
180	100		
182	95.5	76.0	114.0
145	29.6	23.8	35.8



Manual Integration Report

Data Path : I:\VOLATILES\VOA122\2017\1QMethod : V122_170804A_8260.m
Data File : V22170814A02.D Operator : VOA122:PD
Date Inj'd : 8/14/2017 12:52 pm Instrument : VOA122
Sample : WG1031945-4,31,10,10 Quant Date : 8/14/2017 1:19 pm

Compound #5: Bromomethane



Original Peak Response = 14159

Manual Peak Response = 14933 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA122\2017\170816A\
 Data File : V22170816A02.D
 Acq On : 16 Aug 2017 08:44 am
 Operator : VOA122:PD
 Sample : WG1032492-4,31,10,10 (Sig #1); 8260 CCAL (Sig #2)
 Misc : WG1032492,ICAL13890 (Sig #1); WG,ICAL13890 (Sig #2)
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 16 09:08:41 2017
 Quant Method : I:\VOLATILES\VOA122\2017\170816A\V122_170804A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sat Aug 05 11:45:14 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA122\2017\170816A\V22170816A01.D
 Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Fluorobenzene	6.101	96	127326	10.000	ug/L	0.00
Standard Area 1 = 139648			Recovery =	91.18%		
62) Chlorobenzene-d5	9.658	117	111357	10.000	ug/L	0.00
Standard Area 1 = 120275			Recovery =	92.59%		
83) 1,4-Dichlorobenzene-d4	12.349	152	59788	10.000	ug/L	0.00
Standard Area 1 = 63825			Recovery =	93.67%		
System Monitoring Compounds						
38) Dibromofluoromethane	5.270	113	32375	9.838	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	98.38%		
46) 1,2-Dichloroethane-d4	5.813	65	29569	9.708	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	97.08%		
63) Toluene-d8	7.807	98	132350	9.887	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	98.87%		
87) 4-Bromofluorobenzene	11.143	95	52824	10.227	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	102.27%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.628	85	36275	14.224	ug/L	99
3) Chloromethane	1.824	50	32511	11.190	ug/L	99
4) Vinyl chloride	1.896	62	44910	12.351	ug/L	99
5) Bromomethane	2.226	94	19787	8.312	ug/L	99
6) Chloroethane	2.350	64	25962	11.870	ug/L	100
7) Trichlorofluoromethane	2.495	101	57721	11.525	ug/L	100
8) Ethyl ether	2.804	74	16204	10.423	ug/L #	1
10) 1,1-Dichloroethene	2.990	96	34853	11.273	ug/L	99
11) Carbon disulfide	3.021	76	90487	11.395	ug/L	100
15) Methylene chloride	3.557	84	36576	11.102	ug/L	98
17) Acetone	3.609	43	3814	9.584	ug/L	94
18) trans-1,2-Dichloroethene	3.712	96	39773	11.137	ug/L	99
21) Methyl tert-butyl ether	3.815	73	79943	10.466	ug/L	99
25) 1,1-Dichloroethane	4.311	63	65481	11.594	ug/L	99
27) Acrylonitrile	4.362	53	6282	11.121	ug/L	98
29) Vinyl acetate	4.548	43	53909	10.368	ug/L	98
30) cis-1,2-Dichloroethene	4.827	96	43114	11.252	ug/L	99
31) 2,2-Dichloropropane	4.940	77	59049	12.086	ug/L	99
32) Bromochloromethane	5.023	128	18508	11.475	ug/L	95
34) Chloroform	5.095	83	67310	11.468	ug/L	99

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA122\2017\170816A\
 Data File : V22170816A02.D
 Acq On : 16 Aug 2017 08:44 am
 Operator : VOA122:PD
 Sample : WG1032492-4,31,10,10 (Sig #1); 8260 CCAL (Sig #2)
 Misc : WG1032492,ICAL13890 (Sig #1); WG,ICAL13890 (Sig #2)
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 16 09:08:41 2017
 Quant Method : I:\VOLATILES\VOA122\2017\170816A\V122_170804A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sat Aug 05 11:45:14 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA122\2017\170816A\V22170816A01.D
 Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) Carbon tetrachloride	5.229	117	55251	11.926	ug/L	100
39) 1,1,1-Trichloroethane	5.301	97	62224	11.153	ug/L	99
41) 2-Butanone	5.404	43	6299	10.830	ug/L	94
42) 1,1-Dichloropropene	5.425	75	52722	11.443	ug/L	99
44) Benzene	5.673	78	153504	11.146	ug/L	100
47) 1,2-Dichloroethane	5.883	62	39787	11.131	ug/L	100
51) Trichloroethene	6.272	95	40944	11.506	ug/L	98
53) Dibromomethane	6.716	93	13531	10.208	ug/L	97
54) 1,2-Dichloropropane	6.825	63	34130	11.419	ug/L	99
57) Bromodichloromethane	6.887	83	48668	10.906	ug/L	99
60) 1,4-Dioxane	7.113	88	2477	461.225	ug/L	94
61) cis-1,3-Dichloropropene	7.592	75	55888	10.884	ug/L	99
64) Toluene	7.862	92	96853	10.704	ug/L	100
65) 4-Methyl-2-pentanone	8.306	58	6223	9.406	ug/L	95
66) Tetrachloroethene	8.306	166	49542	10.583	ug/L	99
68) trans-1,3-Dichloropropene	8.347	75	46585	10.414	ug/L	100
71) 1,1,2-Trichloroethane	8.528	83	22281	10.411	ug/L	97
72) Chlorodibromomethane	8.736	129	33339	9.876	ug/L	100
73) 1,3-Dichloropropane	8.861	76	45497	10.478	ug/L	99
74) 1,2-Dibromoethane	9.027	107	26152	9.640	ug/L	100
76) 2-Hexanone	9.320	43	9693	10.081	ug/L	98
77) Chlorobenzene	9.680	112	111030	10.550	ug/L	99
78) Ethylbenzene	9.723	91	192994	10.852	ug/L	100
79) 1,1,1,2-Tetrachloroethane	9.766	131	38087	10.378	ug/L	98
80) p/m Xylene	9.916	106	153522	21.553	ug/L	100
81) o Xylene	10.455	106	139204	21.298	ug/L	98
82) Styrene	10.519	104	219341	20.798	ug/L	100
84) Bromoform	10.530	173	21359	9.314	ug/L	99
86) Isopropylbenzene	10.831	105	201875	10.809	ug/L	99
88) Bromobenzene	11.262	156	45746	10.121	ug/L	100
89) n-Propylbenzene	11.305	91	237394	11.165	ug/L	98
91) 1,1,2,2-Tetrachloroethane	11.380	83	27821	10.034	ug/L	99
92) 4-Ethyltoluene	11.434	105	188837	11.023	ug/L	100
93) 2-Chlorotoluene	11.466	91	151504	11.031	ug/L	100
94) 1,3,5-Trimethylbenzene	11.531	105	158573	10.838	ug/L	99
95) 1,2,3-Trichloropropane	11.531	75	22950	10.311	ug/L	98
96) trans-1,4-Dichloro-2-b...	11.585	53	7007	10.026	ug/L	97
97) 4-Chlorotoluene	11.649	91	135507	10.831	ug/L	99
98) tert-Butylbenzene	11.870	119	142867	10.653	ug/L	99

Quantitation Report (QT Reviewed)

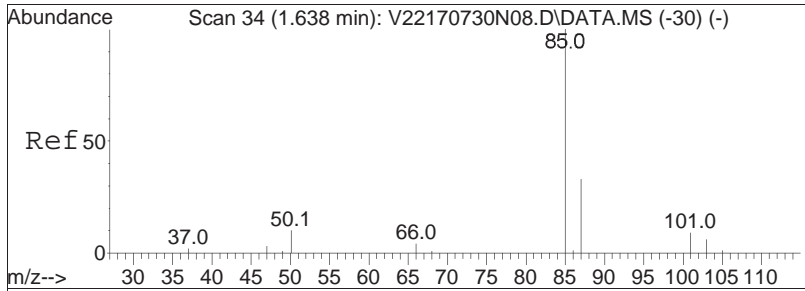
Data Path : I:\VOLATILES\VOA122\2017\170816A\
 Data File : V22170816A02.D
 Acq On : 16 Aug 2017 08:44 am
 Operator : VOA122:PD
 Sample : WG1032492-4,31,10,10 (Sig #1); 8260 CCAL (Sig #2)
 Misc : WG1032492,ICAL13890 (Sig #1); WG,ICAL13890 (Sig #2)
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 16 09:08:41 2017
 Quant Method : I:\VOLATILES\VOA122\2017\170816A\V122_170804A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sat Aug 05 11:45:14 2017
 Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA122\2017\170816A\V22170816A01.D
 Sub List : 8260-Curve - Megamix plus Diox

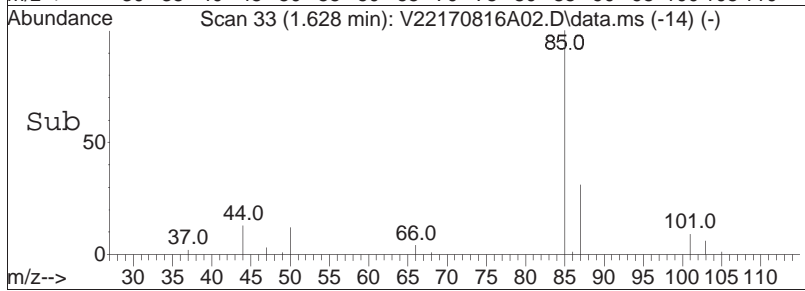
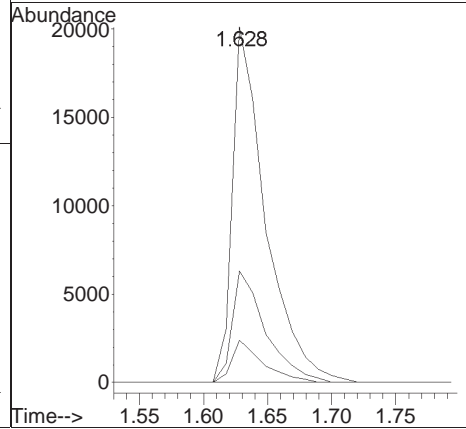
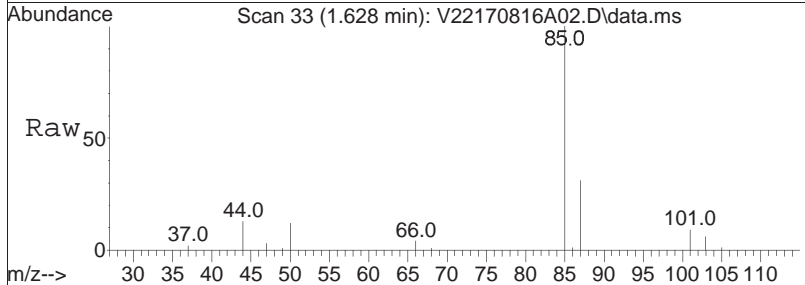
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
101) 1,2,4-Trimethylbenzene	11.944	105	157949	10.783	ug/L	99
102) sec-Butylbenzene	12.062	105	208917	11.003	ug/L	99
103) p-Isopropyltoluene	12.217	119	180863	10.975	ug/L	99
104) 1,3-Dichlorobenzene	12.276	146	92600	10.580	ug/L	99
105) 1,4-Dichlorobenzene	12.364	146	89935	10.402	ug/L	99
106) p-Diethylbenzene	12.585	119	104223	10.904	ug/L	99
107) n-Butylbenzene	12.645	91	164808	11.446	ug/L	99
108) 1,2-Dichlorobenzene	12.792	146	80670	10.259	ug/L	99
109) 1,2,4,5-Tetramethylben...	13.375	119	149007	10.551	ug/L	99
110) 1,2-Dibromo-3-chloropr...	13.567	155	4176	9.118	ug/L	98
112) Hexachlorobutadiene	14.172	225	31524	10.697	ug/L	99
113) 1,2,4-Trichlorobenzene	14.194	180	58652	10.132	ug/L	99
114) Naphthalene	14.496	128	98049	9.588	ug/L	100
115) 1,2,3-Trichlorobenzene	14.659	180	50967	9.779	ug/L	99

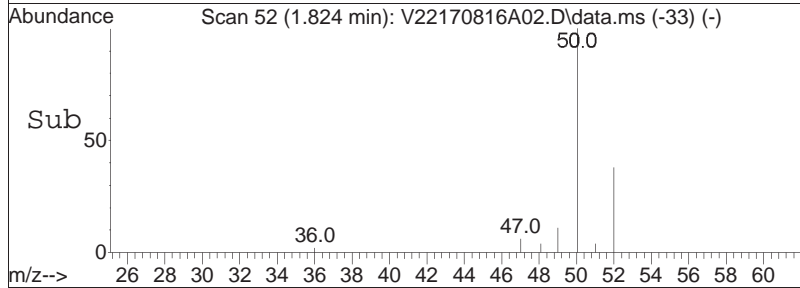
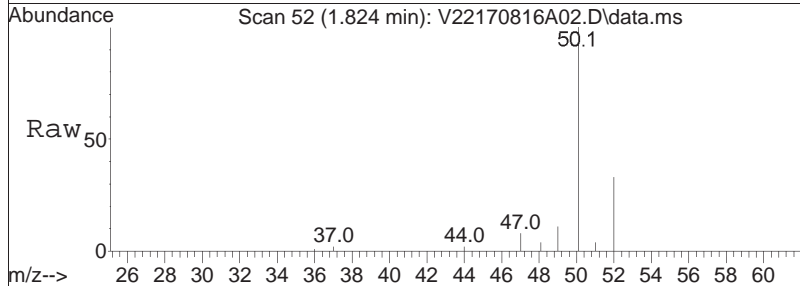
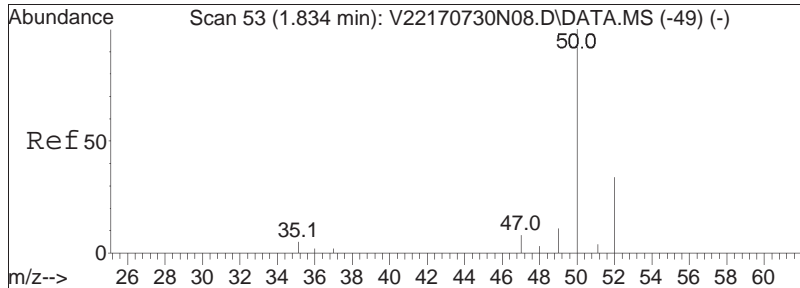
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 14.22 ug/L
 RT: 1.628 min Scan# 33
 Delta R.T. -0.000 min
 Lab File: V22170816A02.D
 Acq: 16 Aug 2017 08:44 am

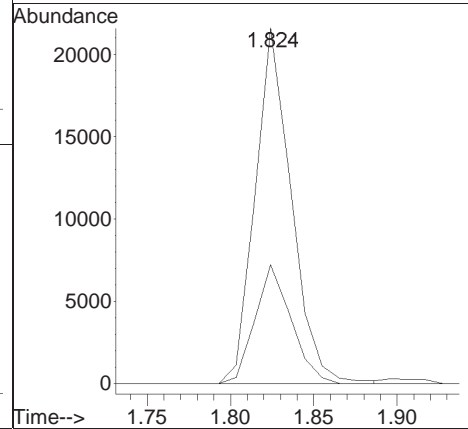
Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.6	20.7	42.9
50	11.2	6.8	14.2

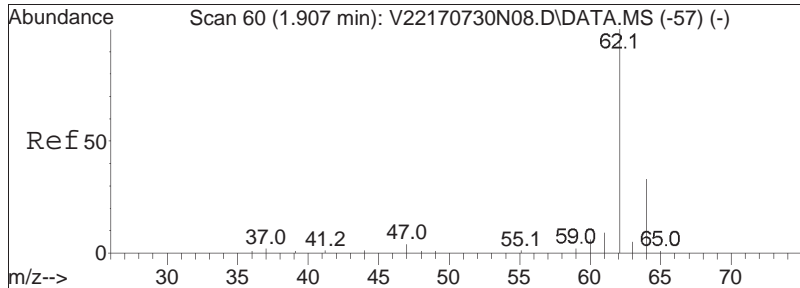




#3
 Chloromethane
 Concen: 11.19 ug/L
 RT: 1.824 min Scan# 52
 Delta R.T. 0.000 min
 Lab File: V22170816A02.D
 Acq: 16 Aug 2017 08:44 am

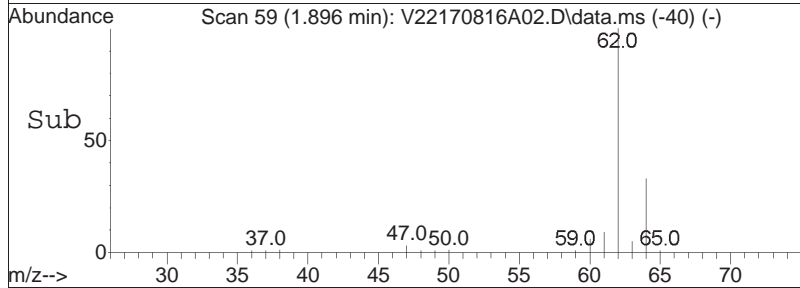
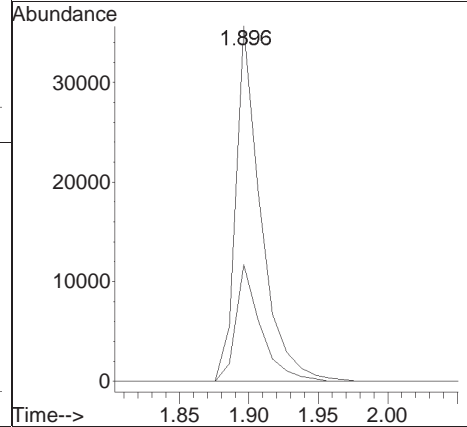
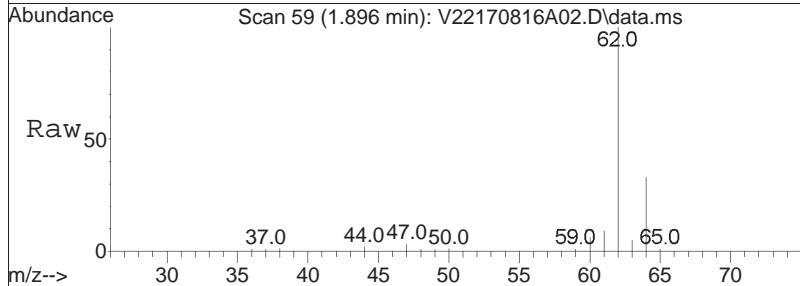
Tgt Ion	Resp	Lower	Upper
50	100		
52	33.3	12.8	52.8

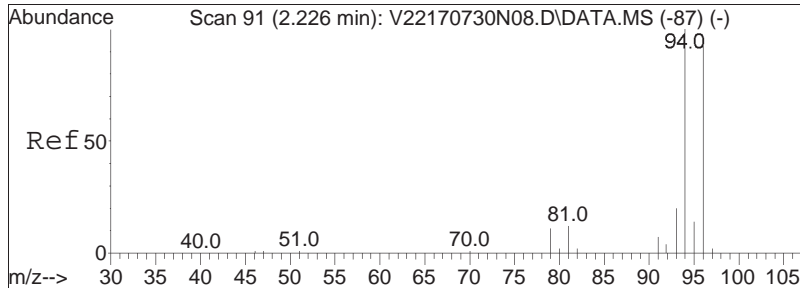




#4
 Vinyl chloride
 Concen: 12.35 ug/L
 RT: 1.896 min Scan# 59
 Delta R.T. 0.000 min
 Lab File: V22170816A02.D
 Acq: 16 Aug 2017 08:44 am

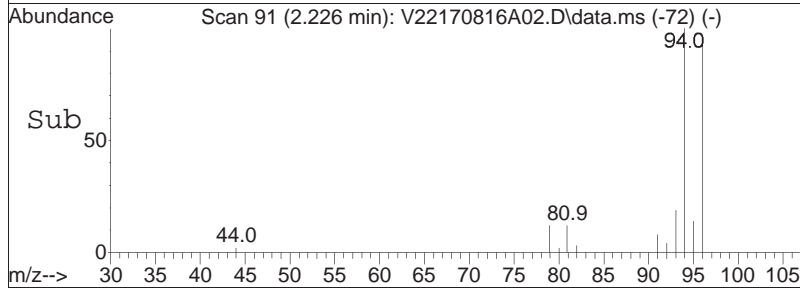
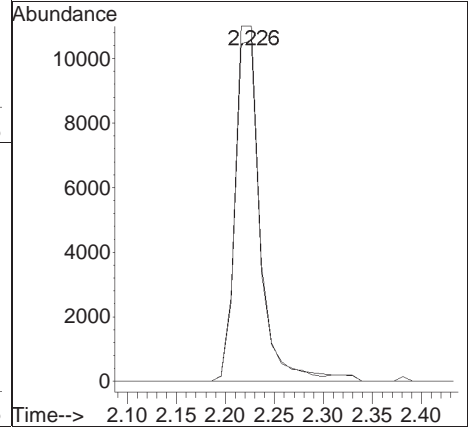
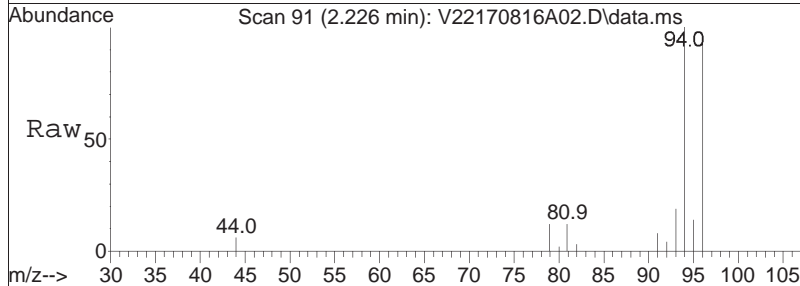
Tgt Ion	Resp	Lower	Upper
62	100		
64	32.8	12.0	52.0

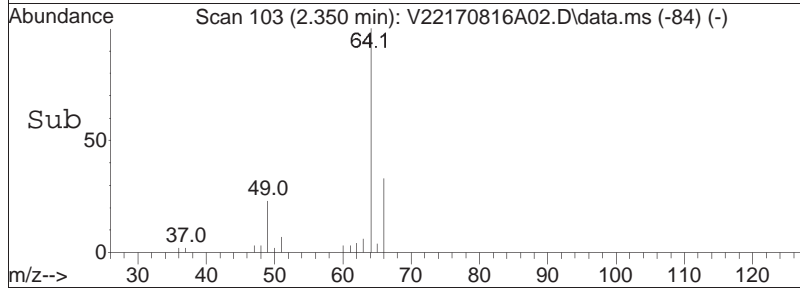
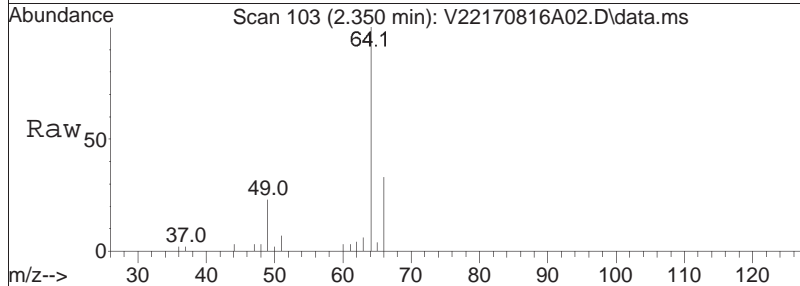
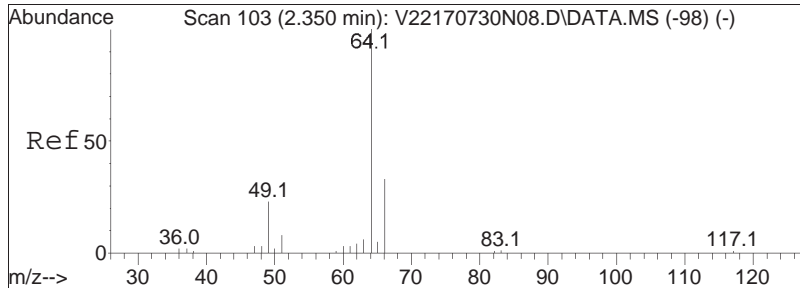




#5
 Bromomethane
 Concen: 8.31 ug/L
 RT: 2.226 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: V22170816A02.D
 Acq: 16 Aug 2017 08:44 am

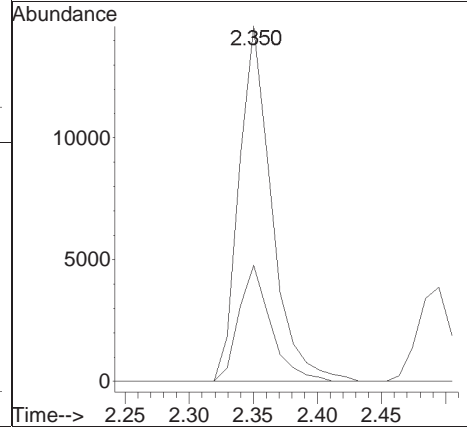
Tgt Ion: 94 Resp: 19787
 Ion Ratio Lower Upper
 94 100
 96 93.4 72.8 112.8

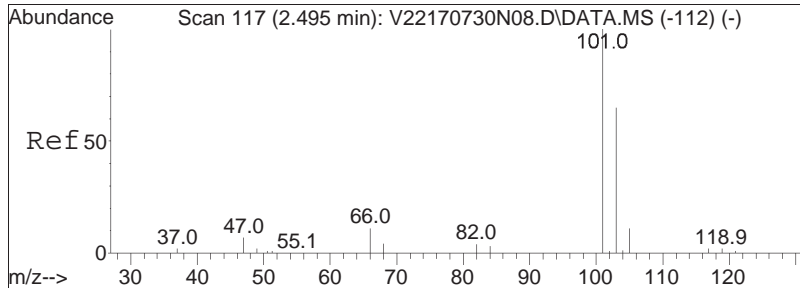




#6
 Chloroethane
 Concen: 11.87 ug/L
 RT: 2.350 min Scan# 103
 Delta R.T. 0.000 min
 Lab File: V22170816A02.D
 Acq: 16 Aug 2017 08:44 am

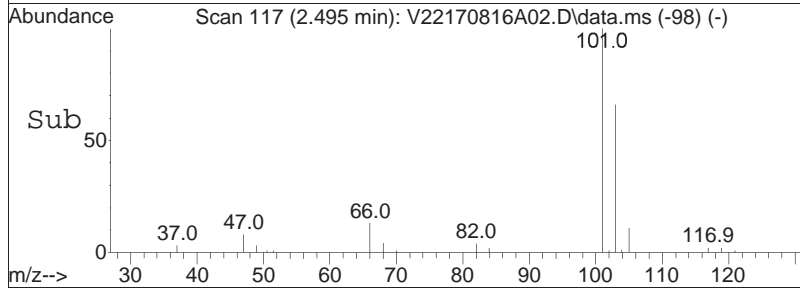
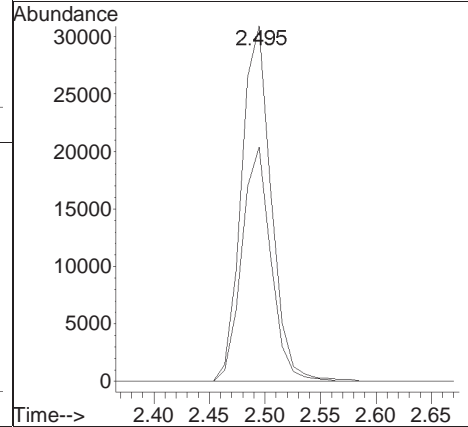
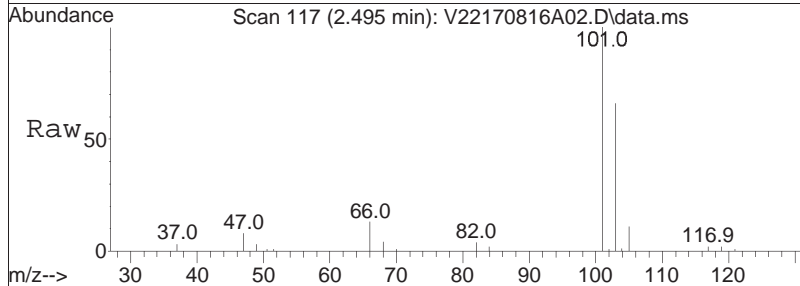
Tgt Ion	Resp	Lower	Upper
64	100		
66	32.0	12.2	52.2

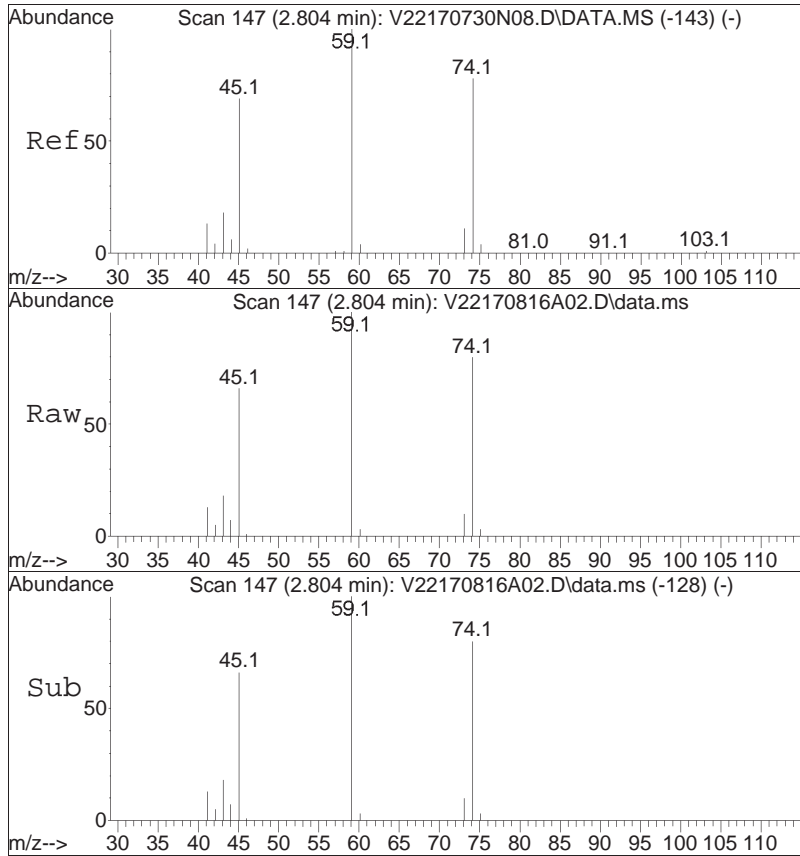




#7
 Trichlorofluoromethane
 Concen: 11.53 ug/L
 RT: 2.495 min Scan# 117
 Delta R.T. -0.000 min
 Lab File: V22170816A02.D
 Acq: 16 Aug 2017 08:44 am

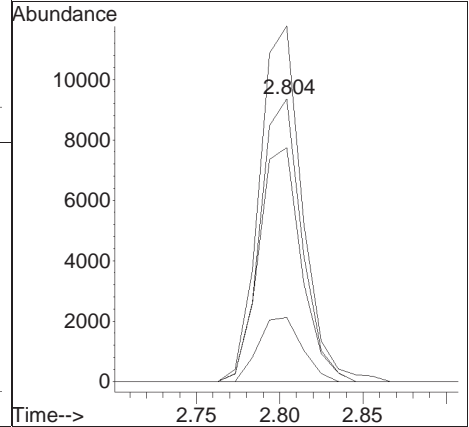
Tgt Ion	Resp	Lower	Upper
101	100		
103	64.5	51.6	77.4

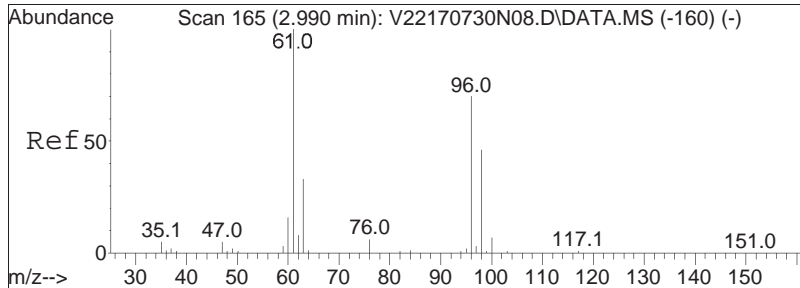




#8
 Ethyl ether
 Concen: 10.42 ug/L
 RT: 2.804 min Scan# 147
 Delta R.T. 0.000 min
 Lab File: V22170816A02.D
 Acq: 16 Aug 2017 08:44 am

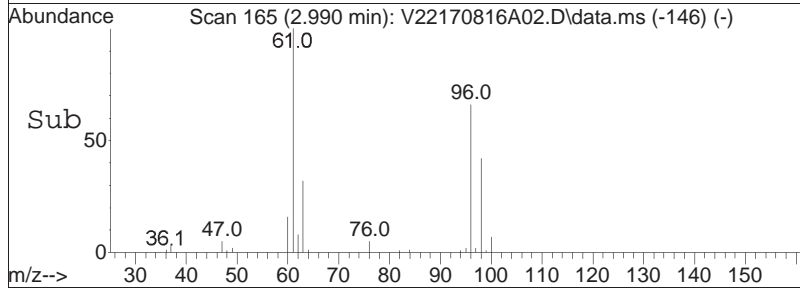
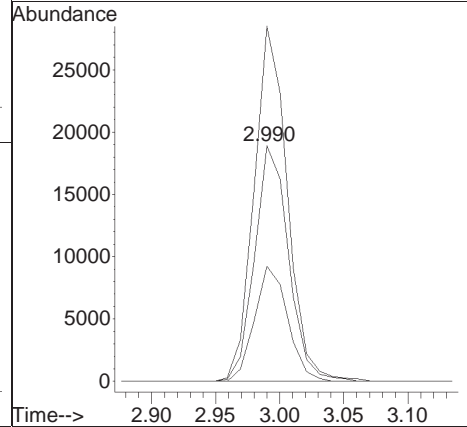
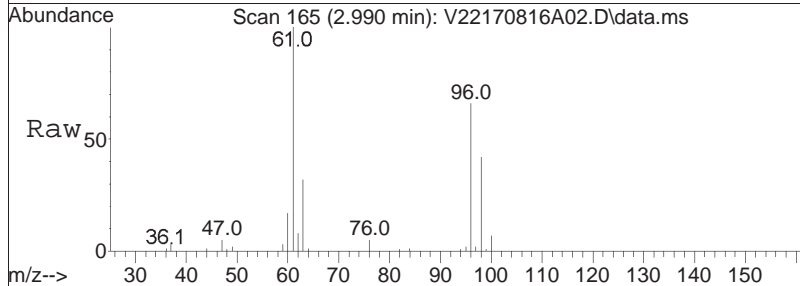
Tgt Ion:	Resp:	Lower	Upper
74	100		
59	130.2	2122.4	4408.0#
45	85.4	1435.1	2980.5#
43	23.8	407.9	847.3#

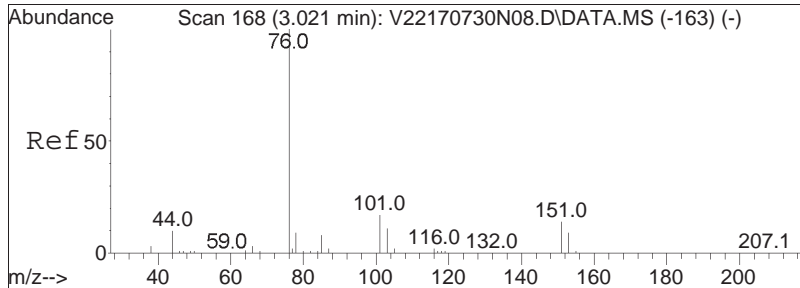




#10
 1,1-Dichloroethene
 Concen: 11.27 ug/L
 RT: 2.990 min Scan# 165
 Delta R.T. -0.000 min
 Lab File: V22170816A02.D
 Acq: 16 Aug 2017 08:44 am

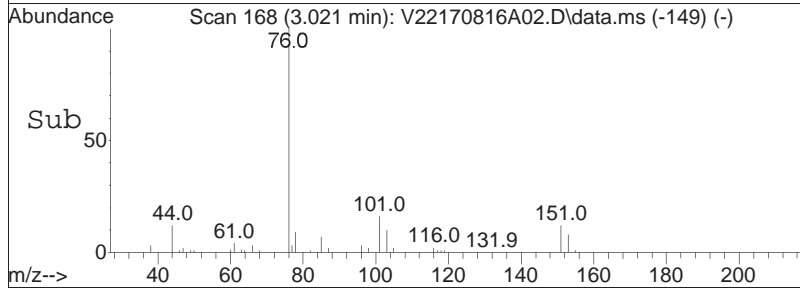
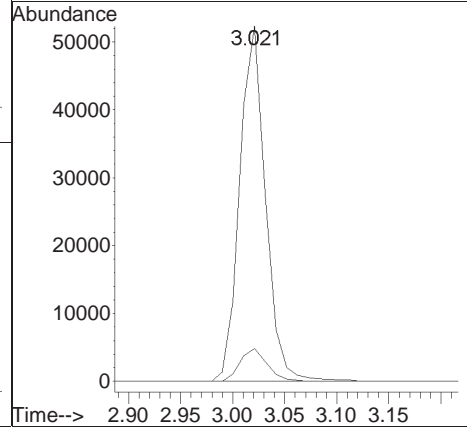
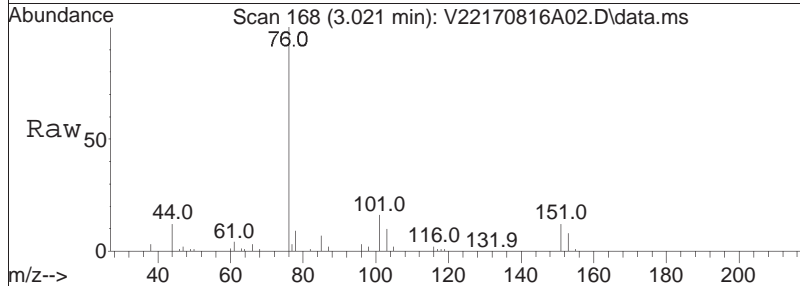
Tgt Ion	Resp	Lower	Upper
96	100		
61	147.7	117.0	175.4
63	47.8	37.8	56.6

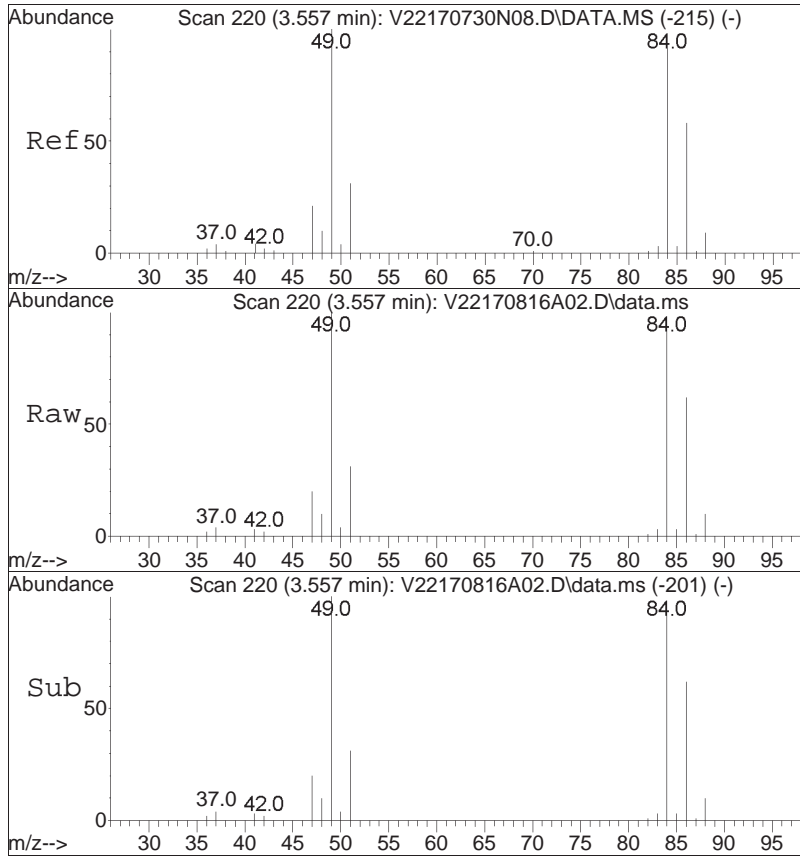




#11
 Carbon disulfide
 Concen: 11.39 ug/L
 RT: 3.021 min Scan# 168
 Delta R.T. -0.000 min
 Lab File: V22170816A02.D
 Acq: 16 Aug 2017 08:44 am

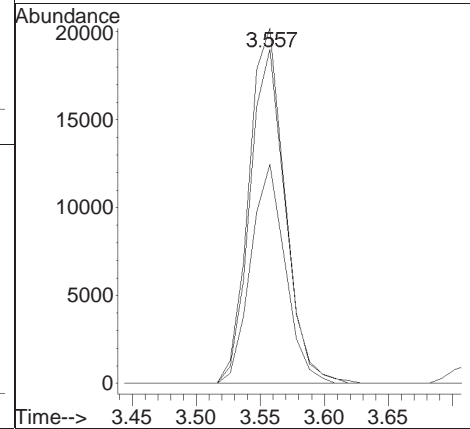
Tgt Ion	Resp	Lower	Upper
76	100		
78	9.7	6.4	13.4

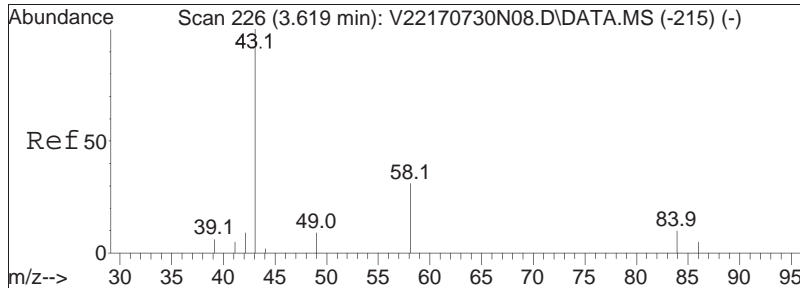




#15
 Methylene chloride
 Concen: 11.10 ug/L
 RT: 3.557 min Scan# 220
 Delta R.T. 0.000 min
 Lab File: V22170816A02.D
 Acq: 16 Aug 2017 08:44 am

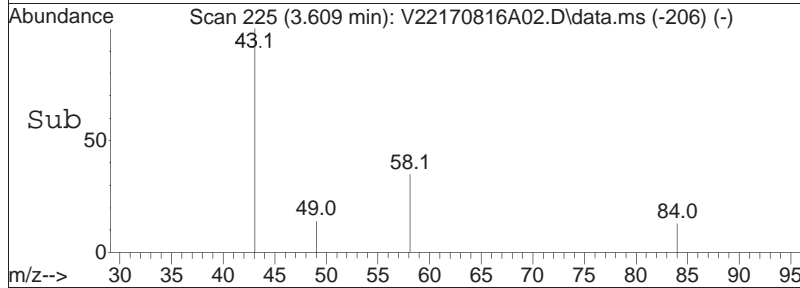
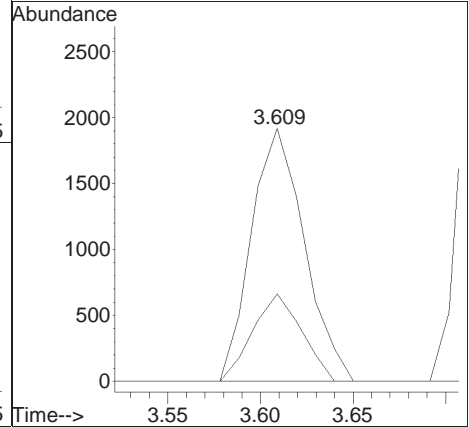
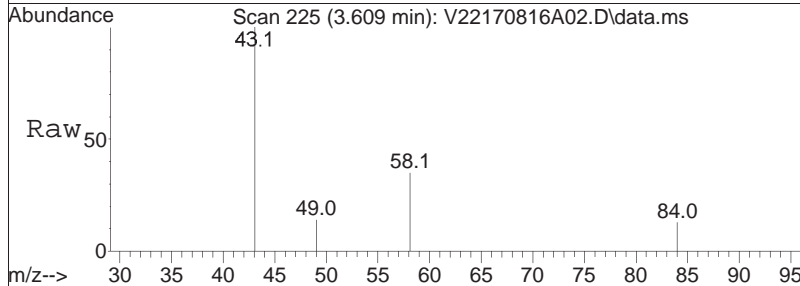
Tgt Ion:	84	Resp:	36576
Ion Ratio	Lower	Upper	
84	100		
86	64.0	41.5	86.3
49	108.3	68.8	143.0

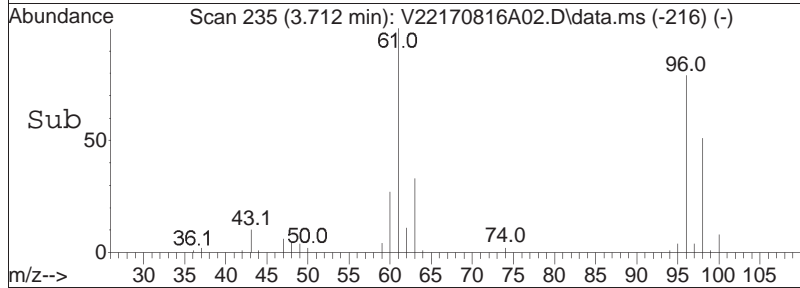
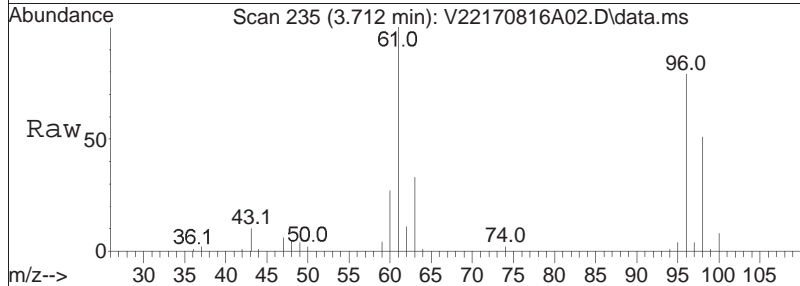
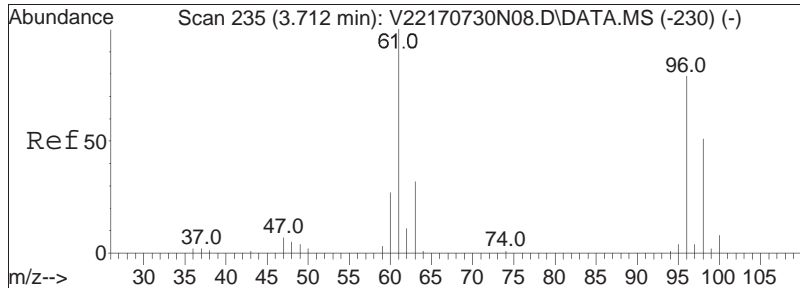




#17
 Acetone
 Concen: 9.58 ug/L
 RT: 3.609 min Scan# 225
 Delta R.T. -0.000 min
 Lab File: V22170816A02.D
 Acq: 16 Aug 2017 08:44 am

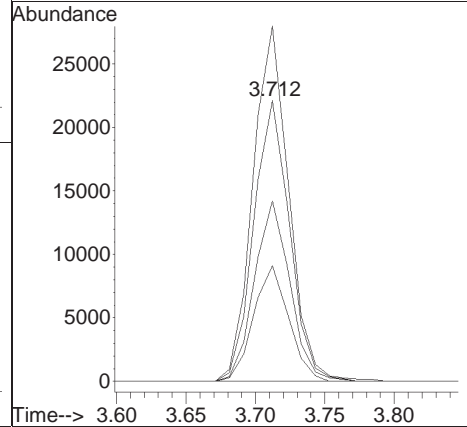
Tgt Ion	Resp	Lower	Upper
43	100		
58	31.9	23.1	34.7

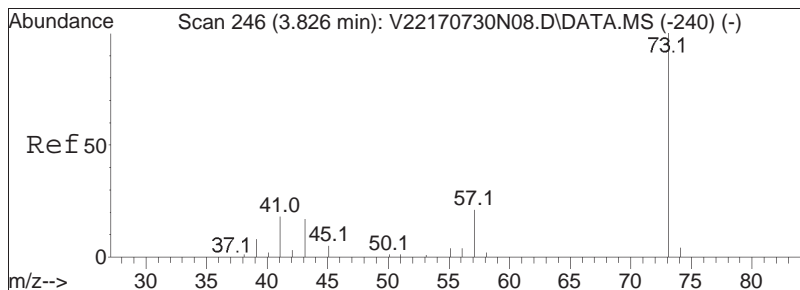




#18
 trans-1,2-Dichloroethene
 Concen: 11.14 ug/L
 RT: 3.712 min Scan# 235
 Delta R.T. 0.000 min
 Lab File: V22170816A02.D
 Acq: 16 Aug 2017 08:44 am

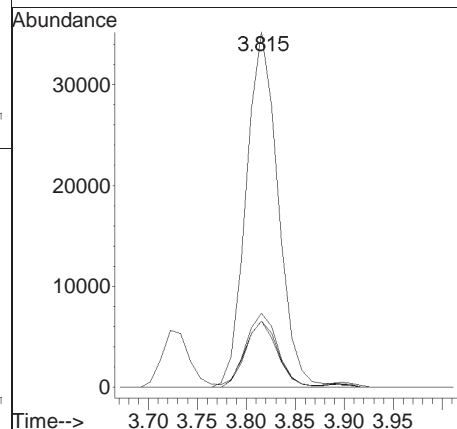
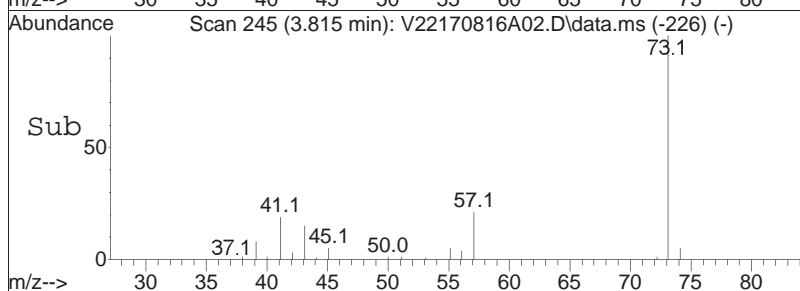
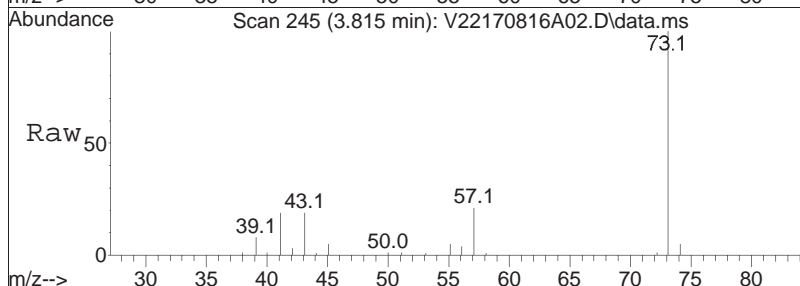
Tgt Ion	Resp	Lower	Upper
96	39773		
61	126.6	81.6	169.6
98	63.8	41.8	86.8
63	40.5	26.3	54.7

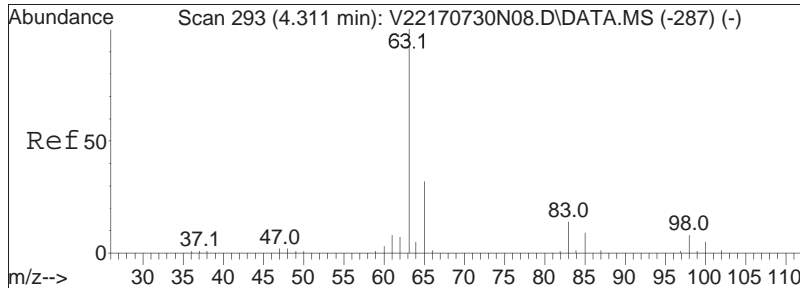




#21
 Methyl tert-butyl ether
 Concen: 10.47 ug/L
 RT: 3.815 min Scan# 245
 Delta R.T. 0.000 min
 Lab File: V22170816A02.D
 Acq: 16 Aug 2017 08:44 am

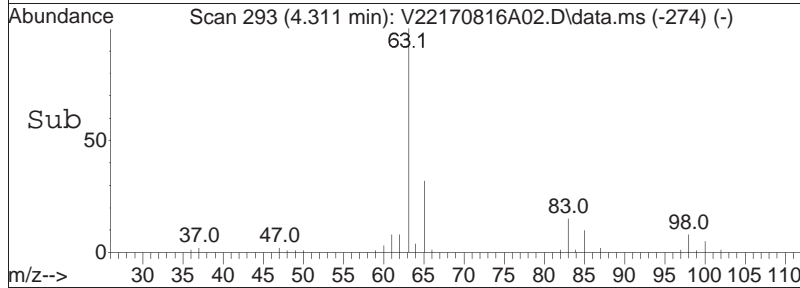
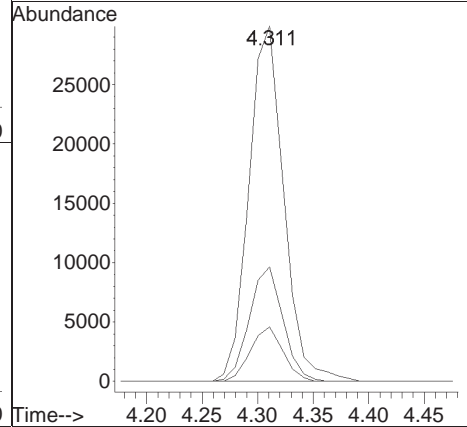
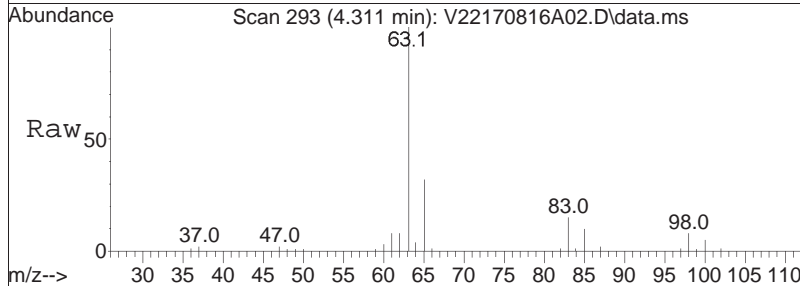
Tgt Ion	Resp	Lower	Upper
73	79943		
57	21.1	13.6	28.2
43	19.2	12.7	26.5
41	18.4	11.4	23.8

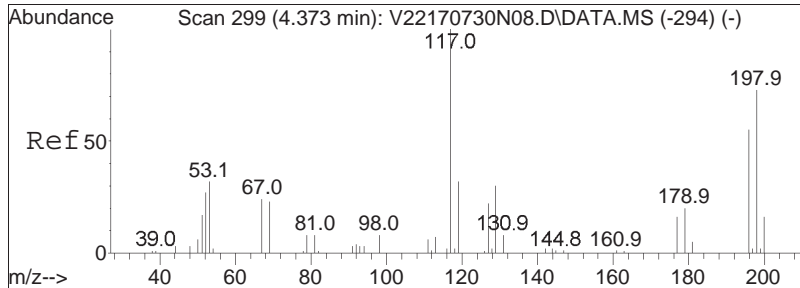




#25
 1,1-Dichloroethane
 Concen: 11.59 ug/L
 RT: 4.311 min Scan# 293
 Delta R.T. -0.000 min
 Lab File: V22170816A02.D
 Acq: 16 Aug 2017 08:44 am

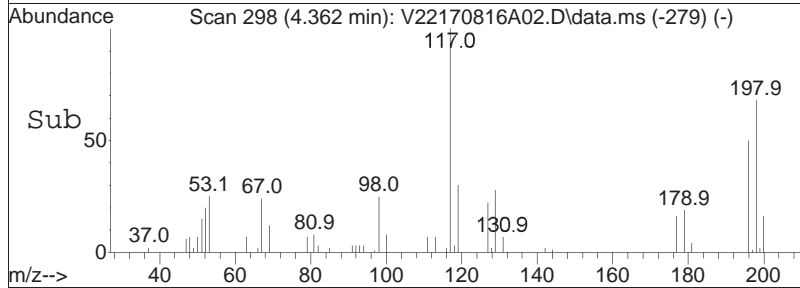
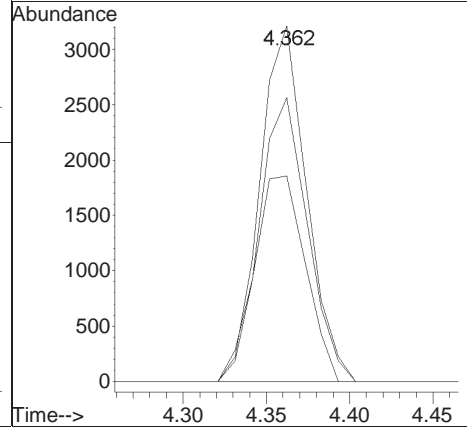
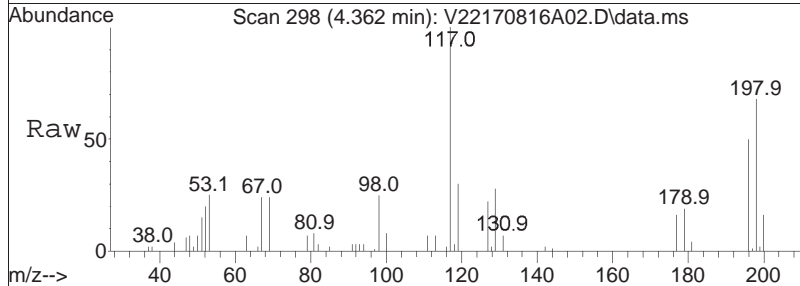
Tgt Ion:	Resp:		
Ion	Ratio	Lower	Upper
63	100		
65	31.0	11.9	51.9
83	14.3	0.0	34.2

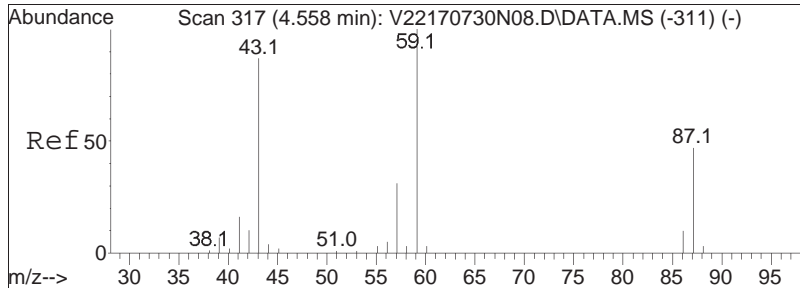




#27
 Acrylonitrile
 Concen: 11.12 ug/L
 RT: 4.362 min Scan# 298
 Delta R.T. 0.000 min
 Lab File: V22170816A02.D
 Acq: 16 Aug 2017 08:44 am

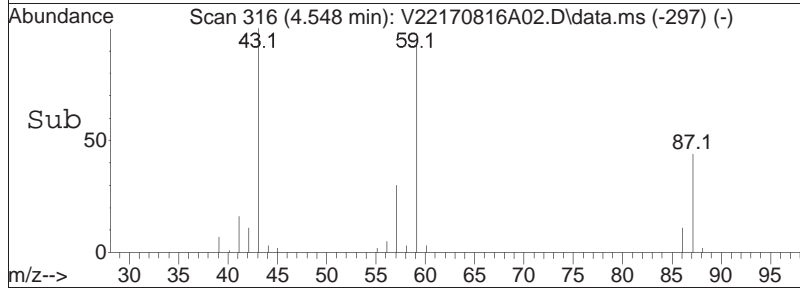
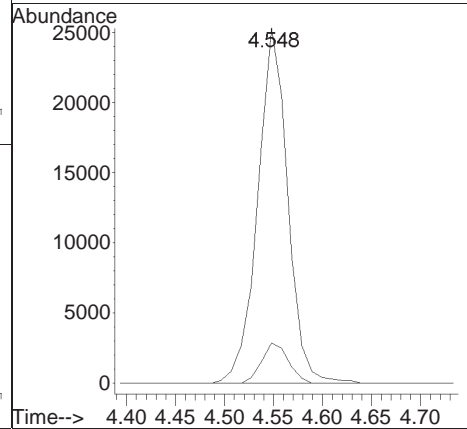
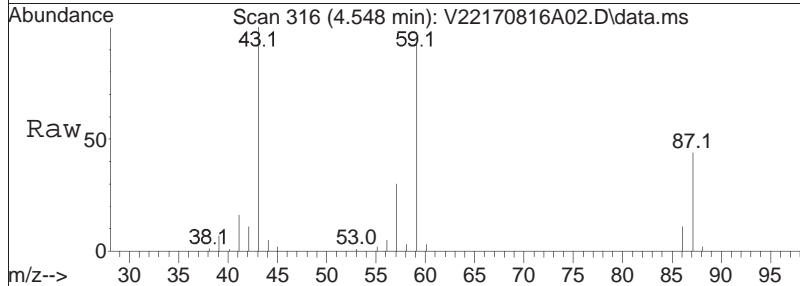
Tgt Ion:	53	Resp:	6282
Ion Ratio	Lower	Upper	
53	100		
52	82.1	63.8	95.8
51	63.5	50.2	75.4

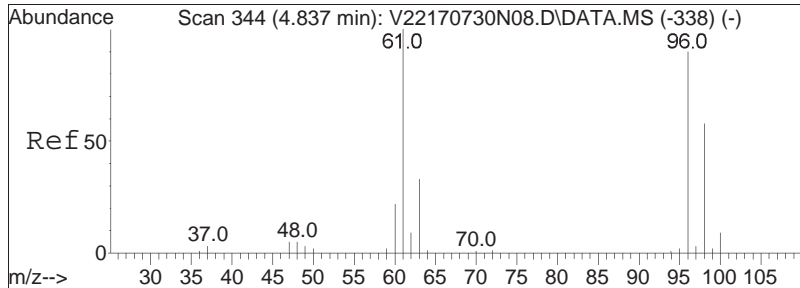




#29
 Vinyl acetate
 Concen: 10.37 ug/L
 RT: 4.548 min Scan# 316
 Delta R.T. -0.000 min
 Lab File: V22170816A02.D
 Acq: 16 Aug 2017 08:44 am

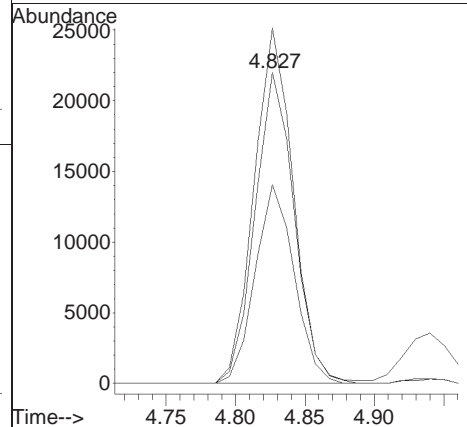
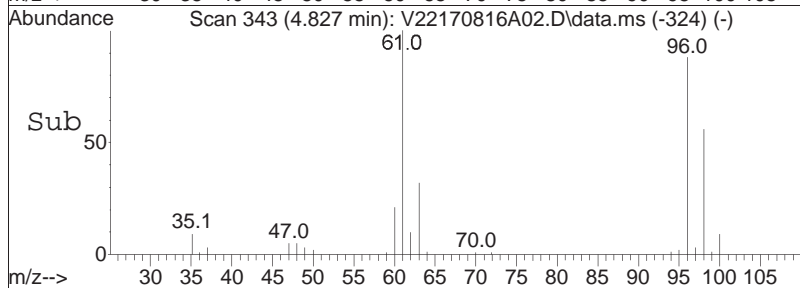
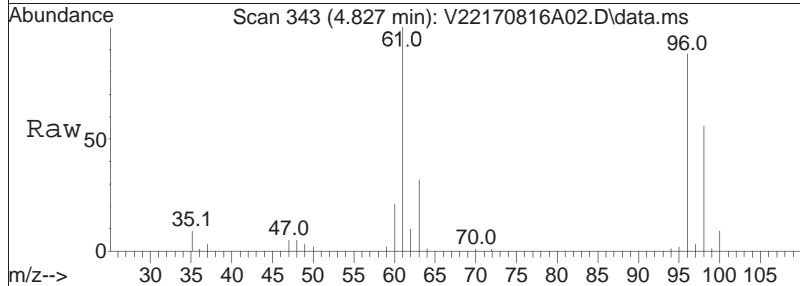
Tgt Ion: 43 Resp: 53909
 Ion Ratio Lower Upper
 43 100
 86 10.2 8.9 13.3

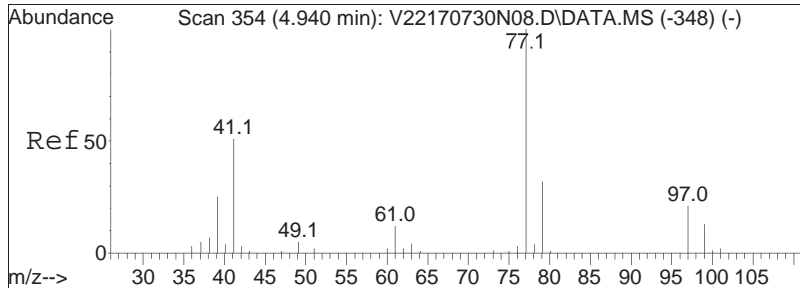




#30
 cis-1,2-Dichloroethene
 Concen: 11.25 ug/L
 RT: 4.827 min Scan# 343
 Delta R.T. -0.000 min
 Lab File: V22170816A02.D
 Acq: 16 Aug 2017 08:44 am

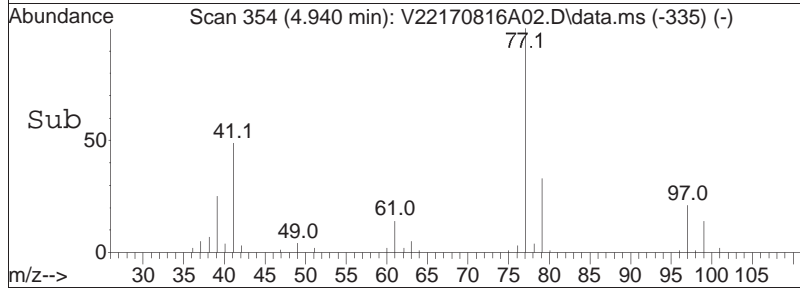
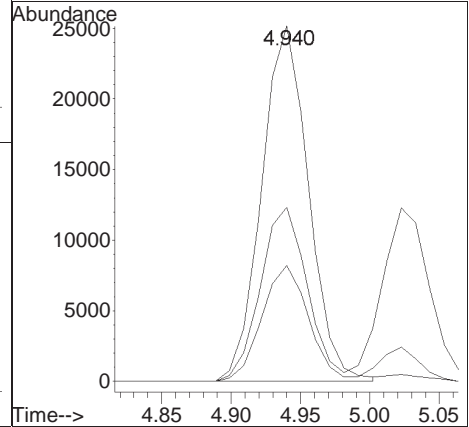
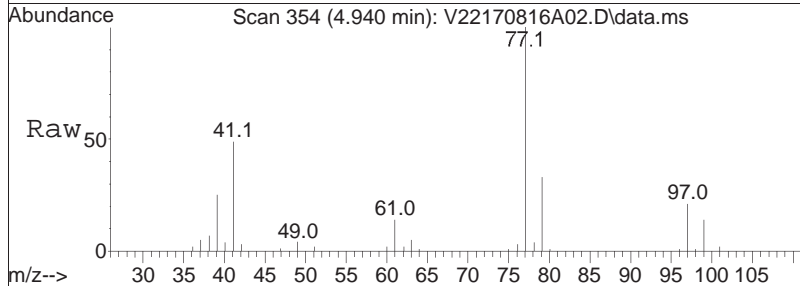
Tgt Ion:	Resp:		
Ion Ratio	Lower	Upper	
96	100		
61	114.7	90.3	135.5
98	63.9	50.8	76.2

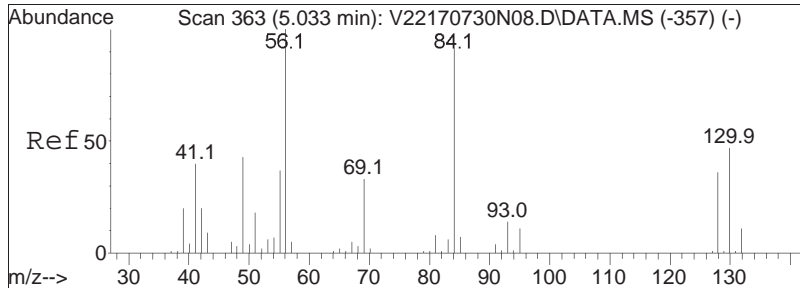




#31
 2,2-Dichloropropane
 Concen: 12.09 ug/L
 RT: 4.940 min Scan# 354
 Delta R.T. 0.000 min
 Lab File: V22170816A02.D
 Acq: 16 Aug 2017 08:44 am

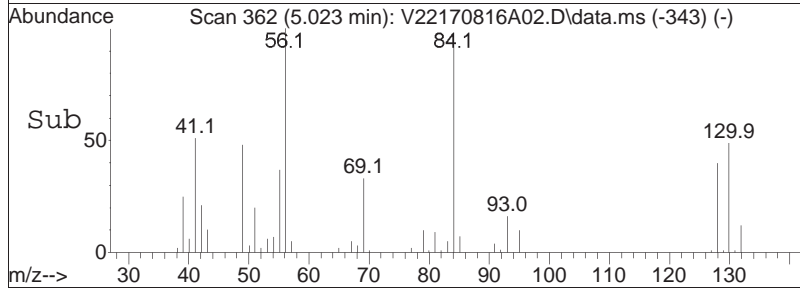
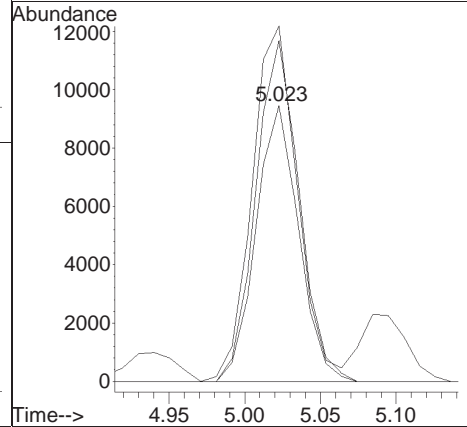
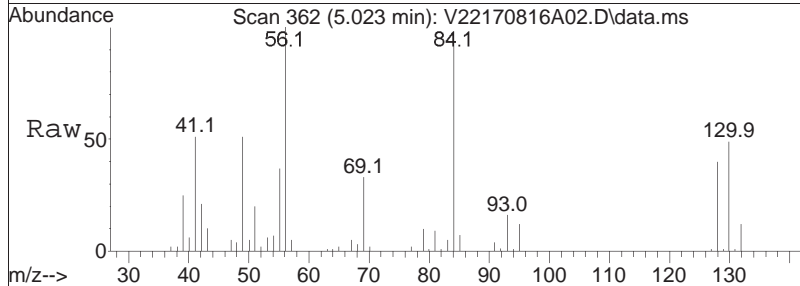
Tgt Ion	Resp	Lower	Upper
77	100		
41	49.1	32.3	67.1
79	32.3	21.1	43.7

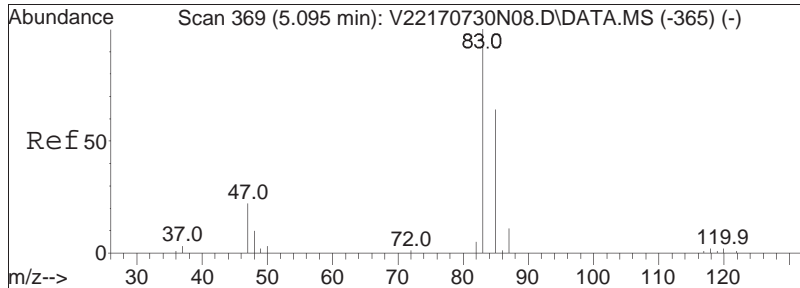




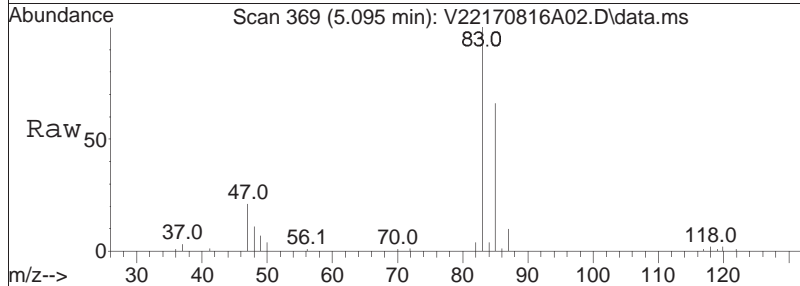
#32
 Bromochloromethane
 Concen: 11.47 ug/L
 RT: 5.023 min Scan# 362
 Delta R.T. -0.000 min
 Lab File: V22170816A02.D
 Acq: 16 Aug 2017 08:44 am

Tgt Ion	Resp	Lower	Upper
128	18508		
128	100		
49	137.1	104.4	156.6
130	125.6	103.9	155.9

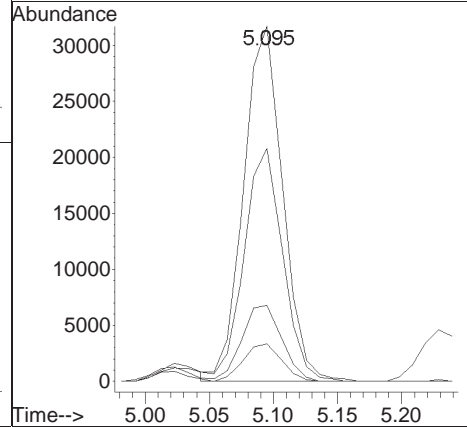
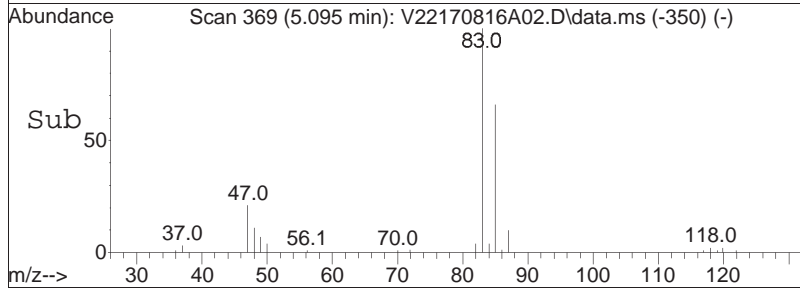


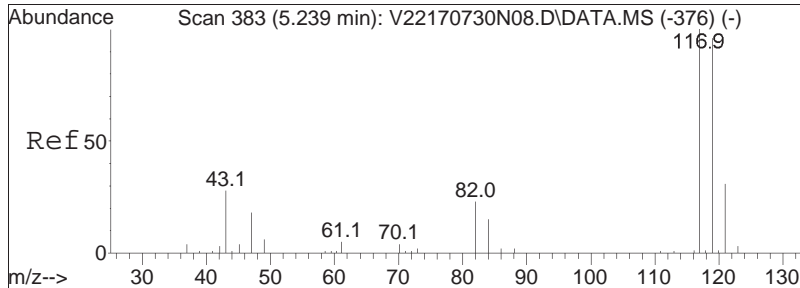


#34
 Chloroform
 Concen: 11.47 ug/L
 RT: 5.095 min Scan# 369
 Delta R.T. -0.000 min
 Lab File: V22170816A02.D
 Acq: 16 Aug 2017 08:44 am

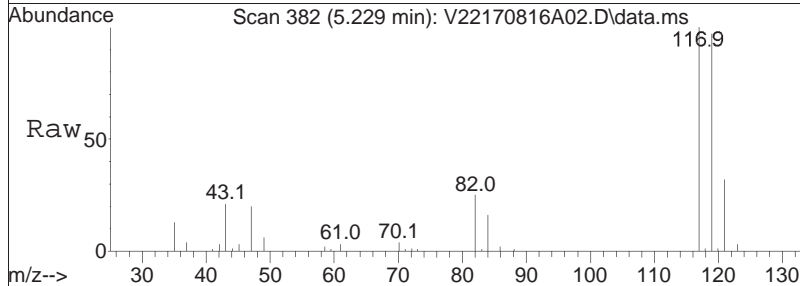


Tgt Ion:	83	Resp:	67310
Ion Ratio	100	Lower	Upper
83	100		
85	64.7	42.4	88.2
47	21.9	14.0	29.0
48	10.5	6.9	14.3

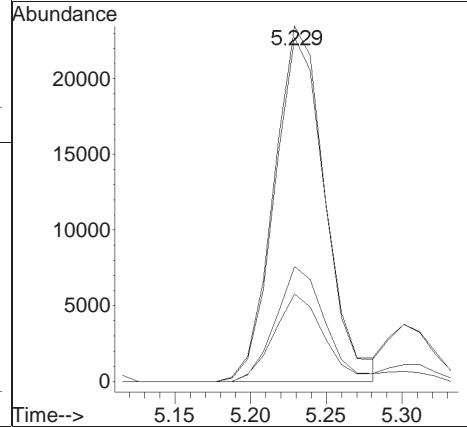
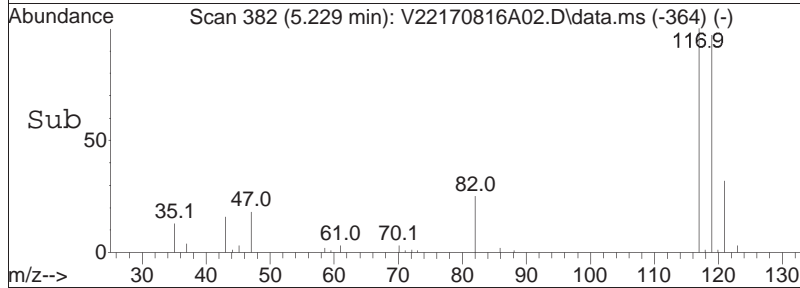


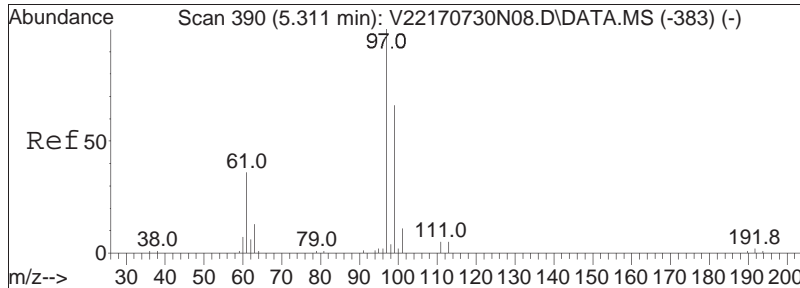


#36
 Carbon tetrachloride
 Concen: 11.93 ug/L
 RT: 5.229 min Scan# 382
 Delta R.T. -0.010 min
 Lab File: V22170816A02.D
 Acq: 16 Aug 2017 08:44 am



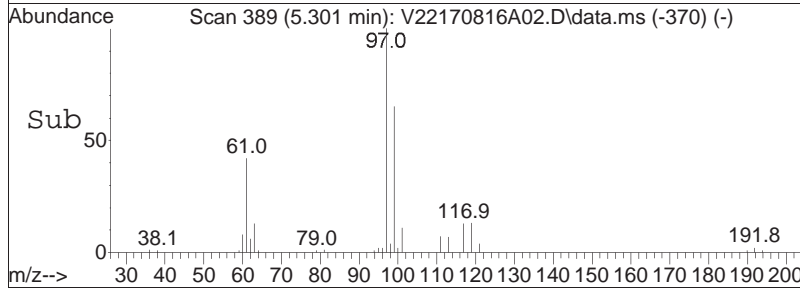
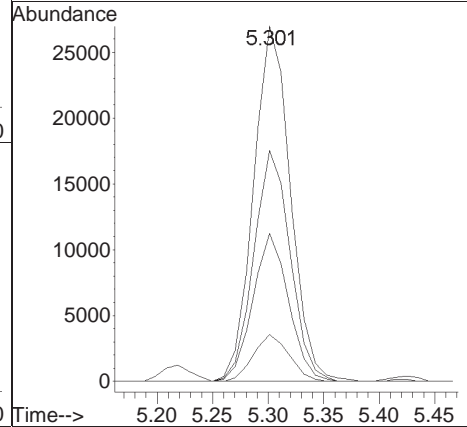
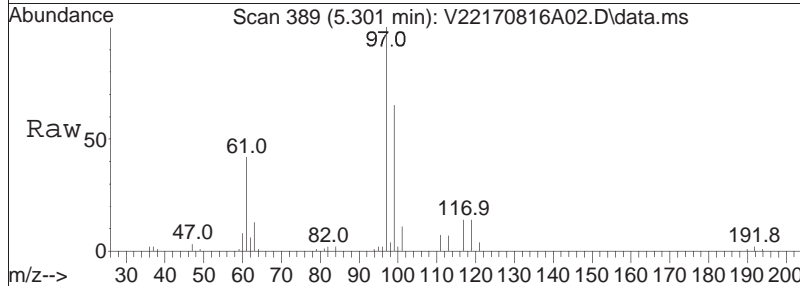
Tgt Ion	Resp	Lower	Upper
117	100		
119	95.5	62.1	129.1
121	31.0	20.3	42.3
82	24.2	15.4	32.0

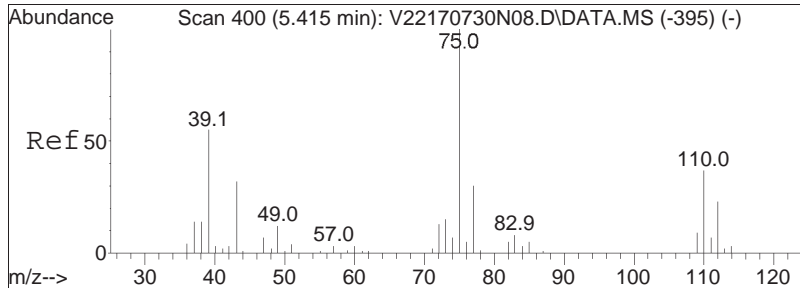




#39
 1,1,1-Trichloroethane
 Concen: 11.15 ug/L
 RT: 5.301 min Scan# 389
 Delta R.T. 0.000 min
 Lab File: V22170816A02.D
 Acq: 16 Aug 2017 08:44 am

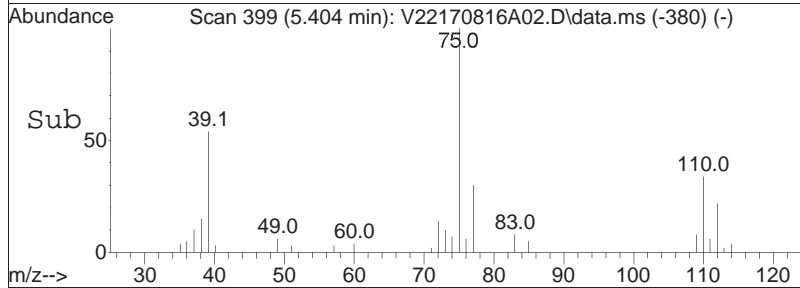
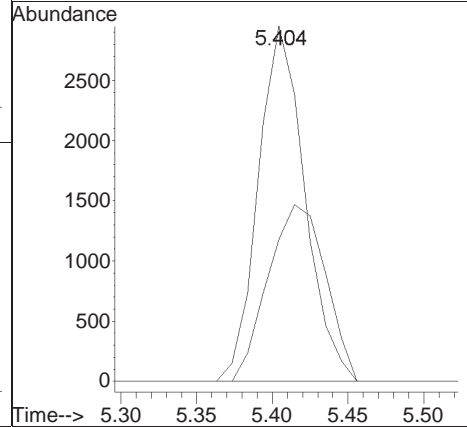
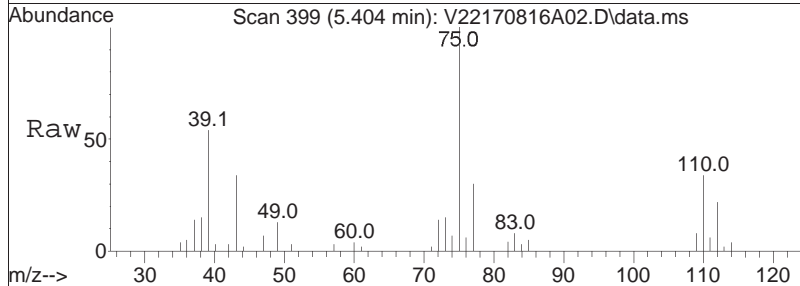
Tgt Ion	Resp	Lower	Upper
97	100		
99	64.3	42.4	88.0
61	40.5	26.0	54.0
63	12.8	8.3	17.3

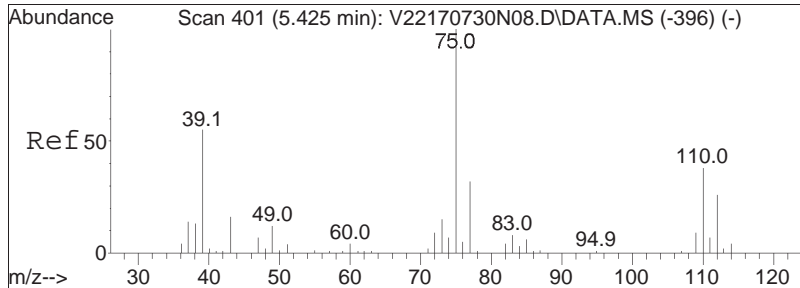




#41
 2-Butanone
 Concen: 10.83 ug/L
 RT: 5.404 min Scan# 399
 Delta R.T. 0.000 min
 Lab File: V22170816A02.D
 Acq: 16 Aug 2017 08:44 am

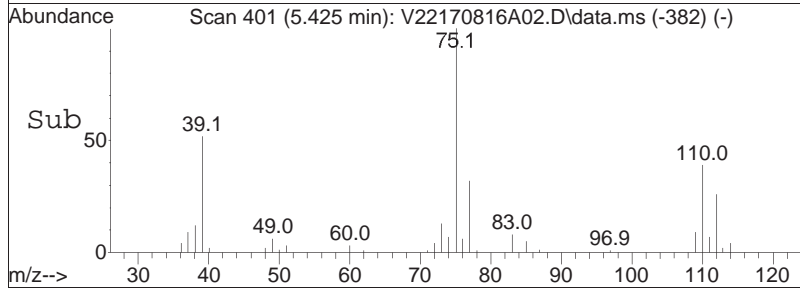
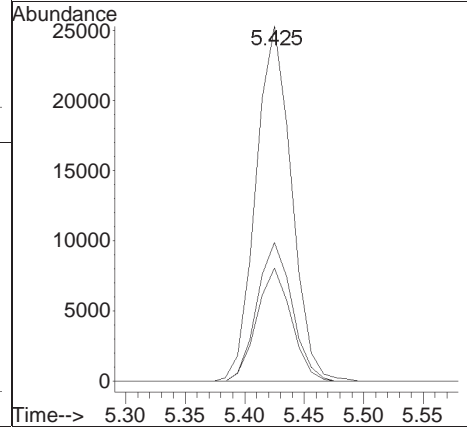
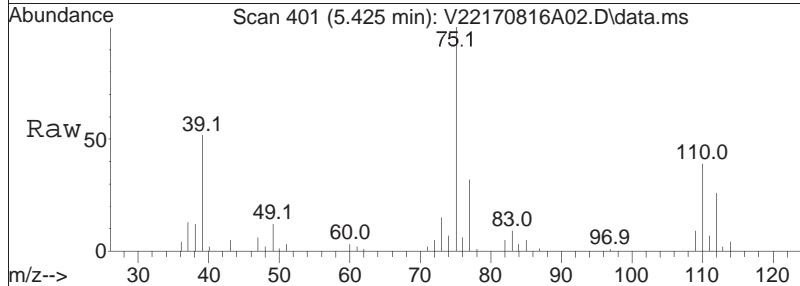
Tgt Ion: 43 Resp: 6299
 Ion Ratio Lower Upper
 43 100
 72 61.4 45.8 68.8

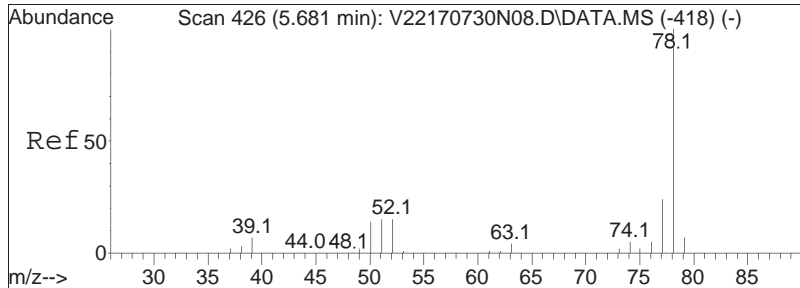




#42
 1,1-Dichloropropene
 Concen: 11.44 ug/L
 RT: 5.425 min Scan# 401
 Delta R.T. -0.000 min
 Lab File: V22170816A02.D
 Acq: 16 Aug 2017 08:44 am

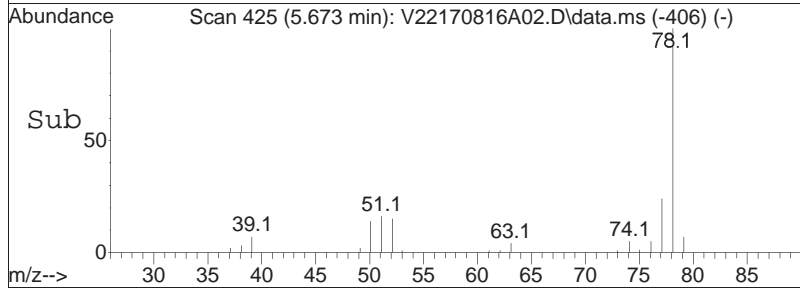
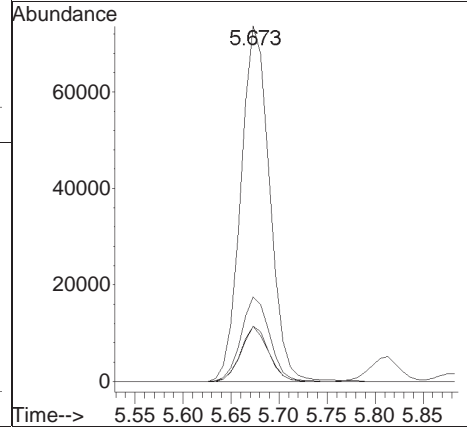
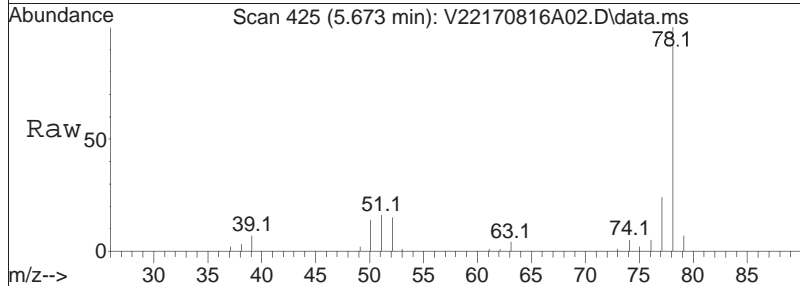
Tgt Ion	Resp	Lower	Upper
75	100		
110	38.5	25.4	52.8
77	31.0	20.3	42.1

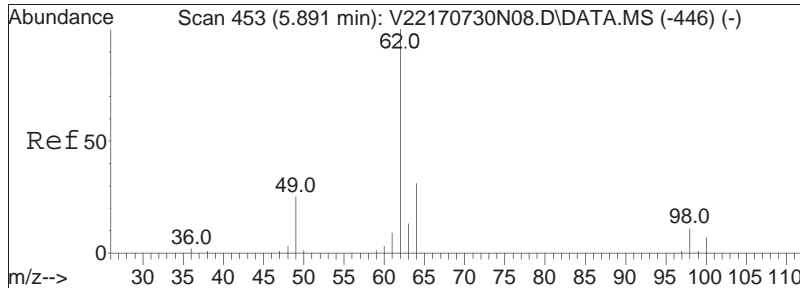




#44
Benzene
Concen: 11.15 ug/L
RT: 5.673 min Scan# 425
Delta R.T. -0.008 min
Lab File: V22170816A02.D
Acq: 16 Aug 2017 08:44 am

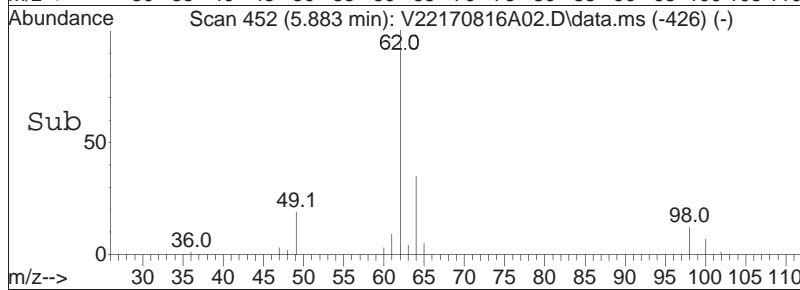
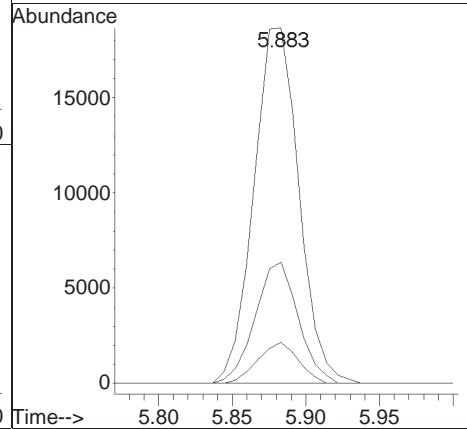
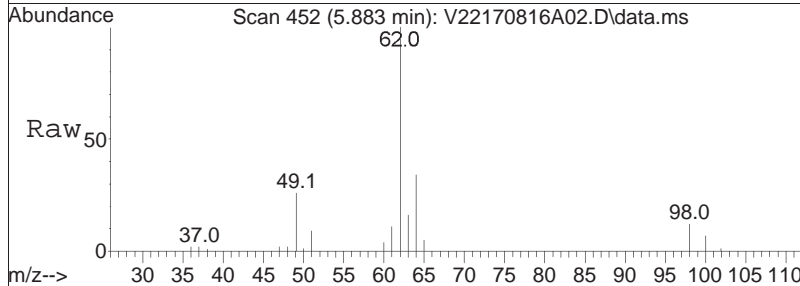
Tgt Ion	Resp	Lower	Upper
78	153504		
77	23.5	15.4	32.0
51	15.1	9.8	20.4
52	14.5	9.2	19.2

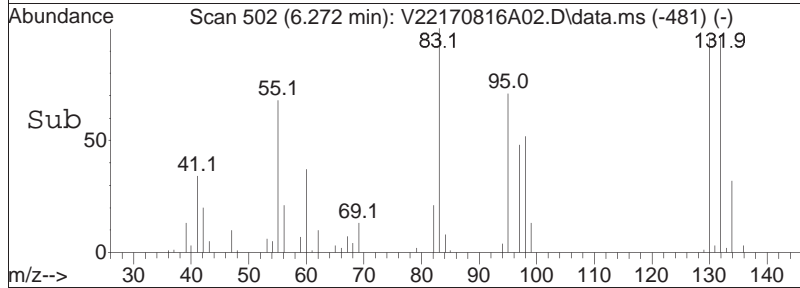
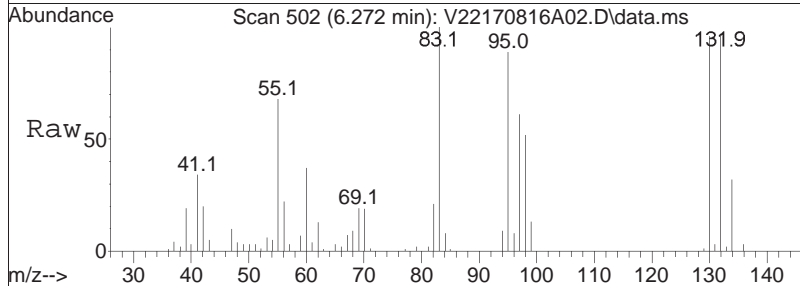
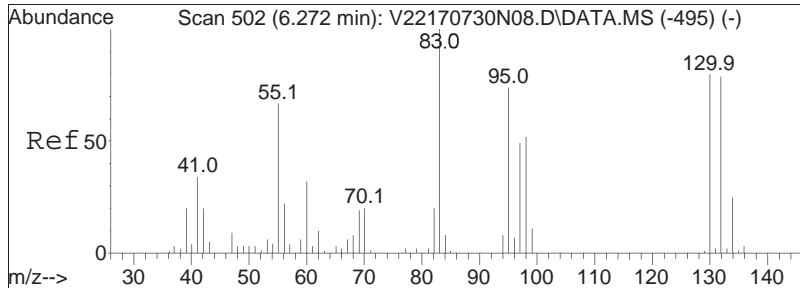




#47
 1,2-Dichloroethane
 Concen: 11.13 ug/L
 RT: 5.883 min Scan# 452
 Delta R.T. 0.000 min
 Lab File: V22170816A02.D
 Acq: 16 Aug 2017 08:44 am

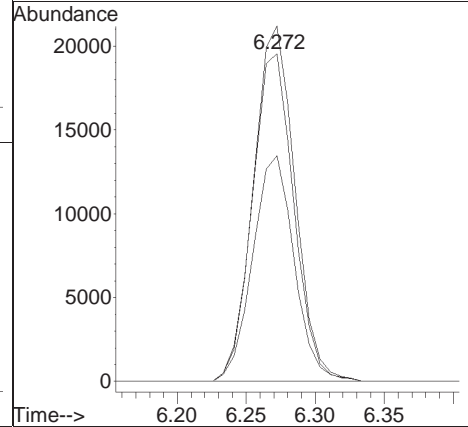
Tgt Ion	Resp	Lower	Upper
62	39787		
64	32.6	12.3	52.3
98	10.4	0.0	30.3

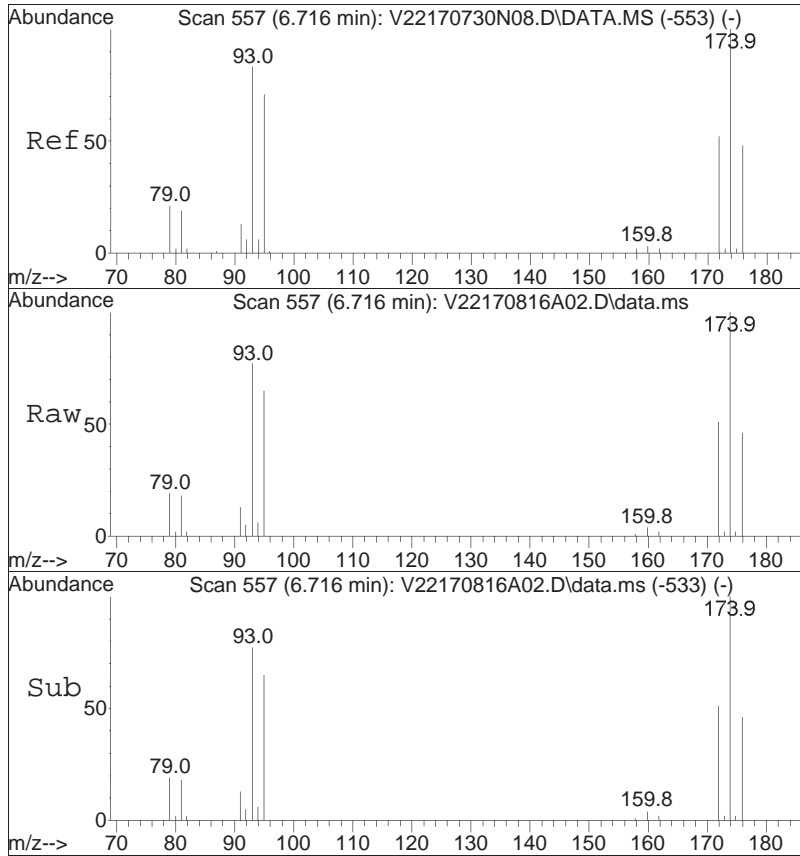




#51
 Trichloroethene
 Concen: 11.51 ug/L
 RT: 6.272 min Scan# 502
 Delta R.T. 0.000 min
 Lab File: V22170816A02.D
 Acq: 16 Aug 2017 08:44 am

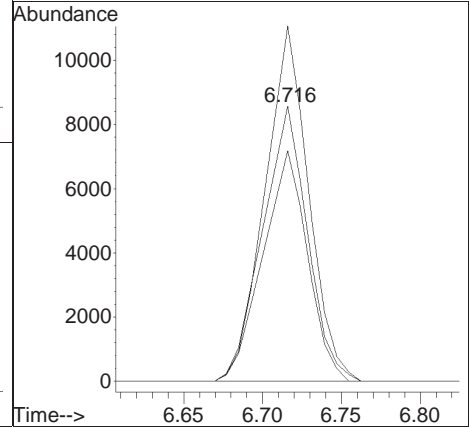
Tgt Ion	Resp	Lower	Upper
95	100		
97	68.9	55.0	82.4
130	108.2	89.2	133.8

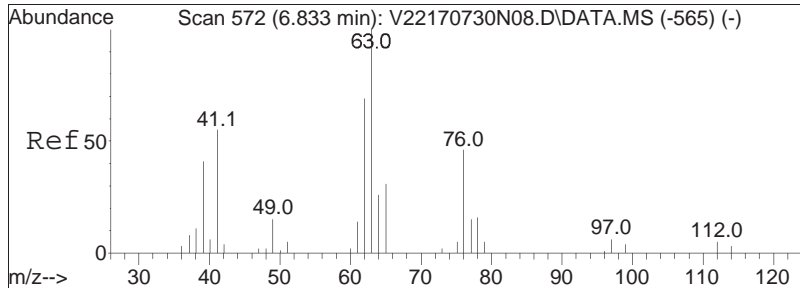




#53
 Dibromomethane
 Concen: 10.21 ug/L
 RT: 6.716 min Scan# 557
 Delta R.T. -0.000 min
 Lab File: V22170816A02.D
 Acq: 16 Aug 2017 08:44 am

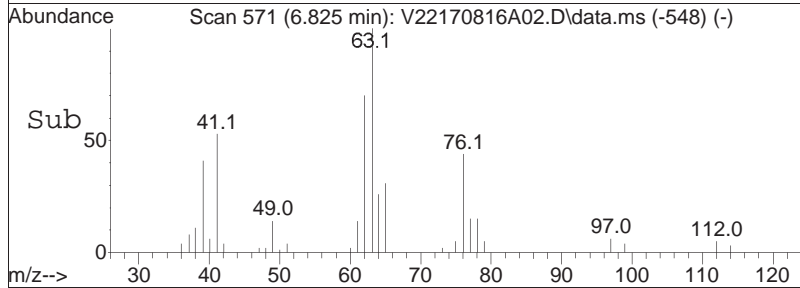
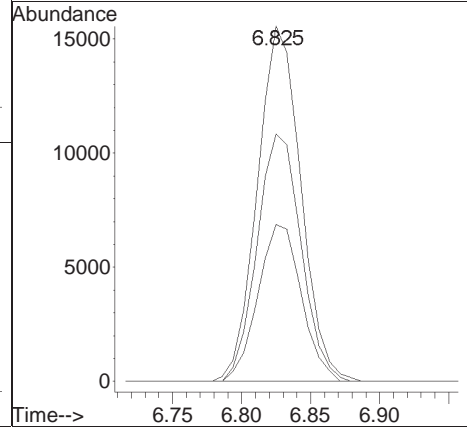
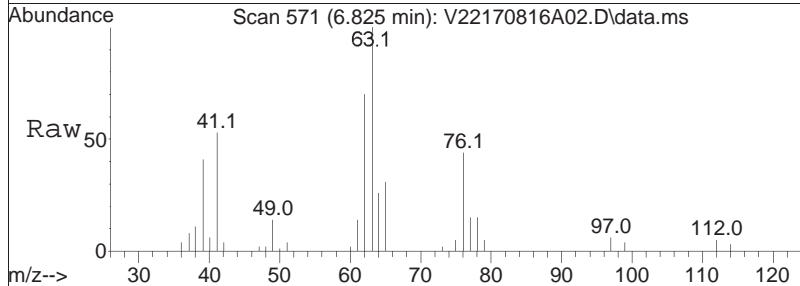
Tgt Ion	Resp	Lower	Upper
93	13531		
95	84.5	68.0	102.0
174	127.2	106.1	159.1

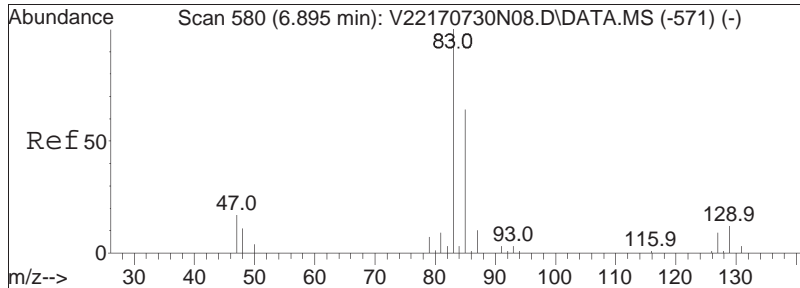




#54
 1,2-Dichloropropane
 Concen: 11.42 ug/L
 RT: 6.825 min Scan# 571
 Delta R.T. -0.008 min
 Lab File: V22170816A02.D
 Acq: 16 Aug 2017 08:44 am

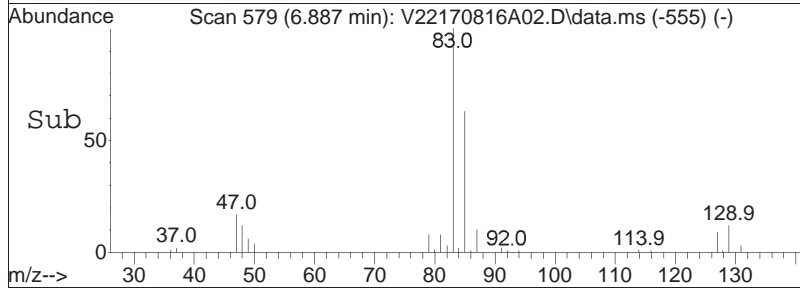
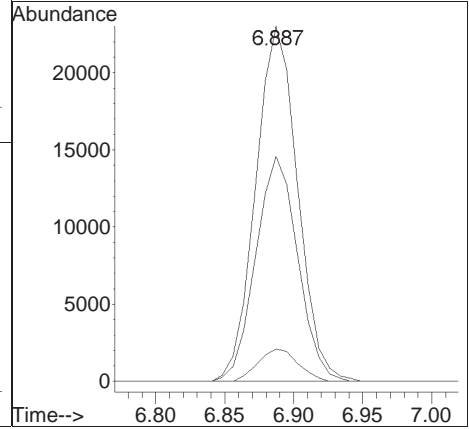
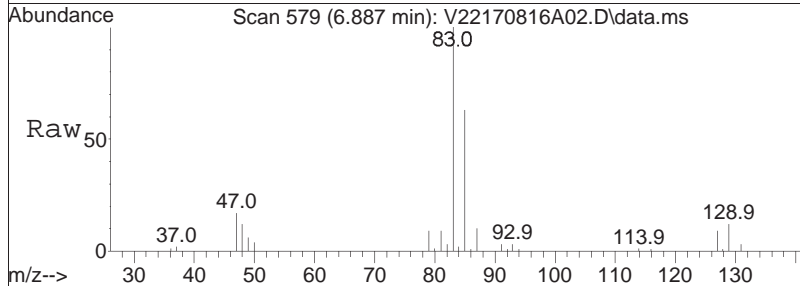
Tgt Ion:	63	Resp:	34130
Ion Ratio	Lower	Upper	
63	100		
62	70.3	56.9	85.3
76	44.1	35.8	53.8

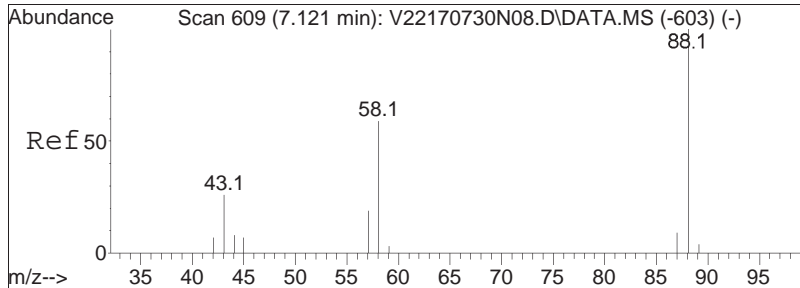




#57
 Bromodichloromethane
 Concen: 10.91 ug/L
 RT: 6.887 min Scan# 579
 Delta R.T. 0.000 min
 Lab File: V22170816A02.D
 Acq: 16 Aug 2017 08:44 am

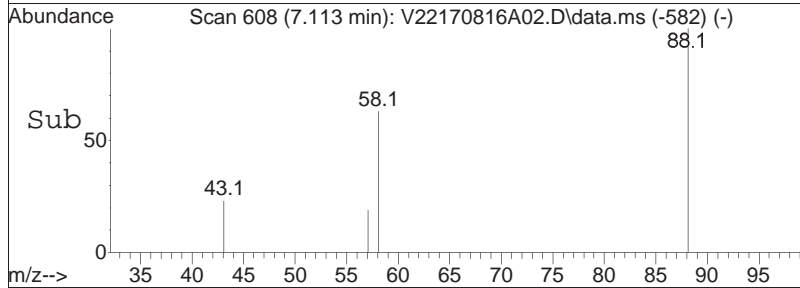
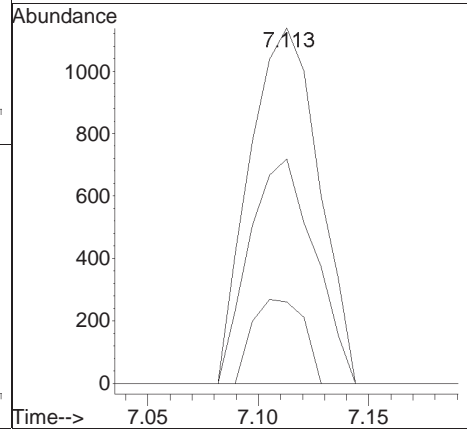
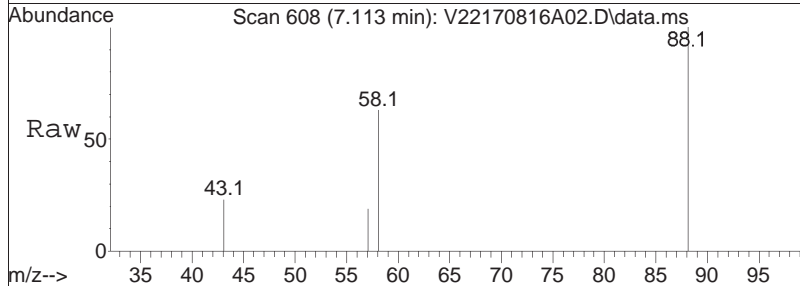
Tgt Ion	Resp	Lower	Upper
83	100		
85	63.4	51.6	77.4
127	8.7	7.4	11.0

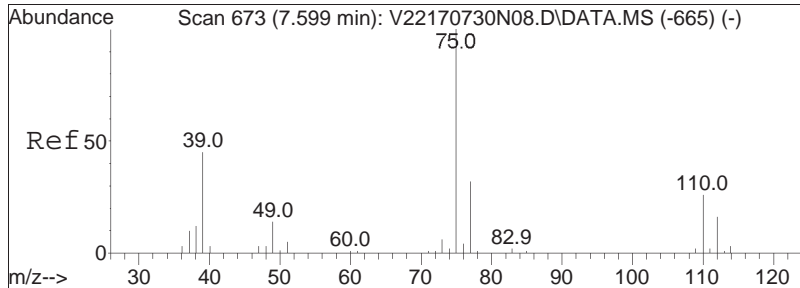




#60
 1,4-Dioxane
 Concen: 461.22 ug/L
 RT: 7.113 min Scan# 608
 Delta R.T. -0.000 min
 Lab File: V22170816A02.D
 Acq: 16 Aug 2017 08:44 am

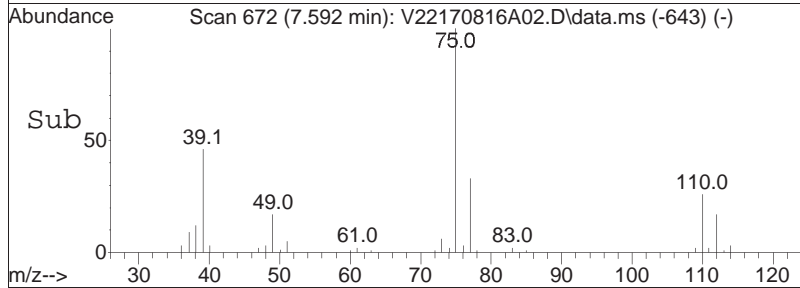
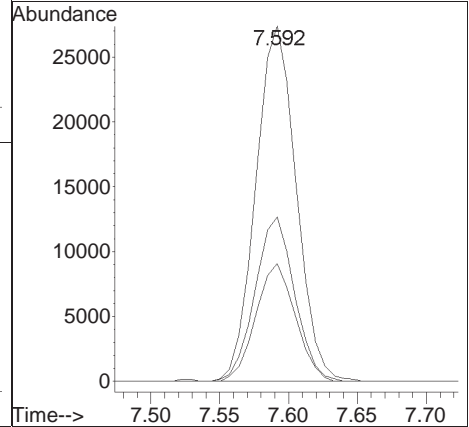
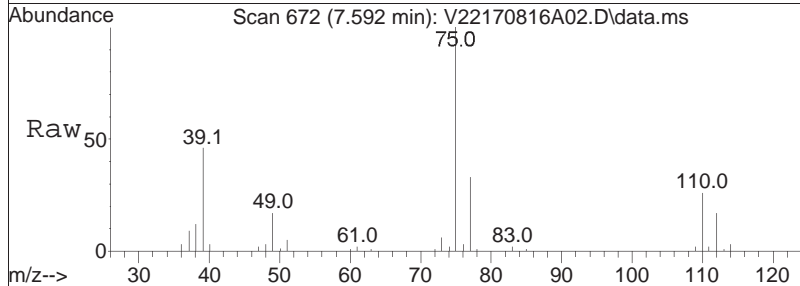
Tgt Ion	Resp	Lower	Upper
88	100		
58	59.7	43.3	64.9
43	17.7	15.1	22.7

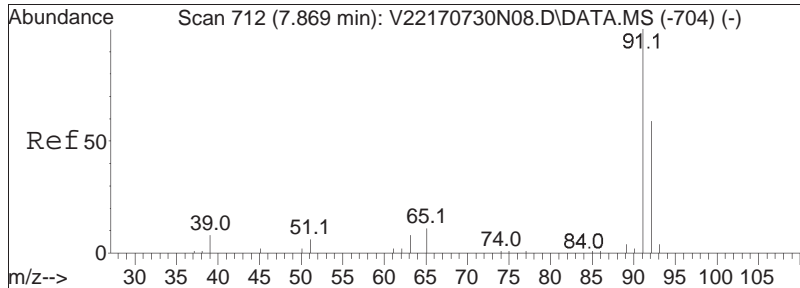




#61
 cis-1,3-Dichloropropene
 Concen: 10.88 ug/L
 RT: 7.592 min Scan# 672
 Delta R.T. -0.000 min
 Lab File: V22170816A02.D
 Acq: 16 Aug 2017 08:44 am

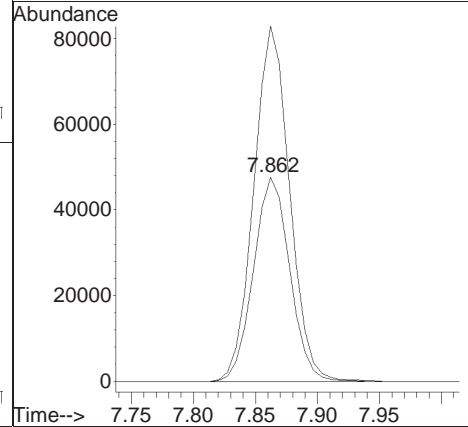
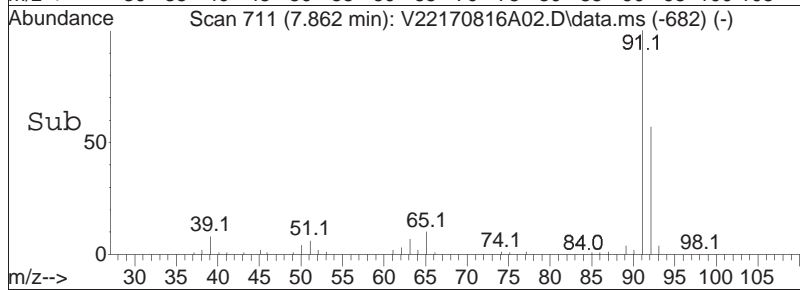
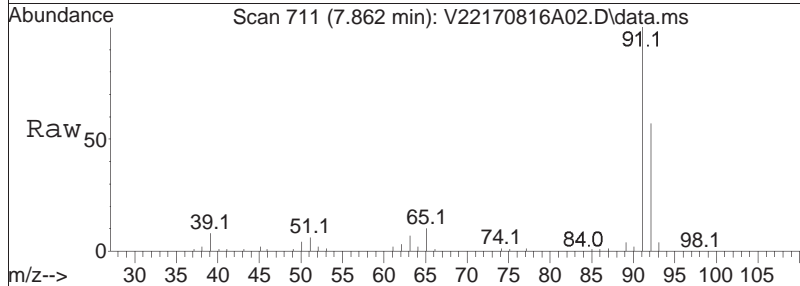
Tgt Ion	Resp	Lower	Upper
75	100		
77	32.4	25.6	38.4
39	45.2	35.4	53.0

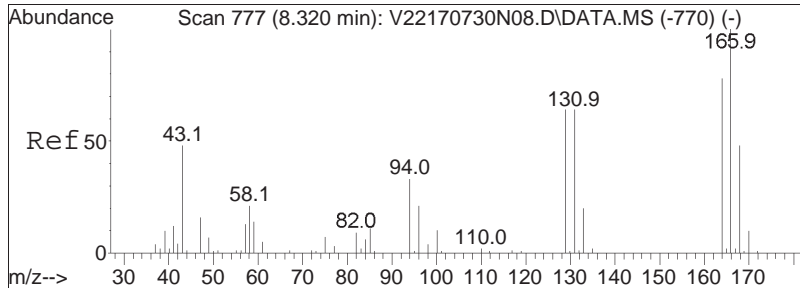




#64
 Toluene
 Concen: 10.70 ug/L
 RT: 7.862 min Scan# 711
 Delta R.T. 0.000 min
 Lab File: V22170816A02.D
 Acq: 16 Aug 2017 08:44 am

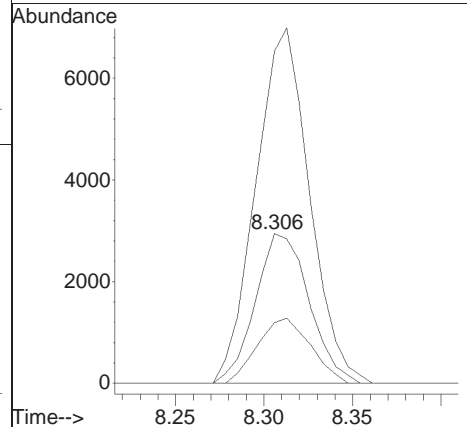
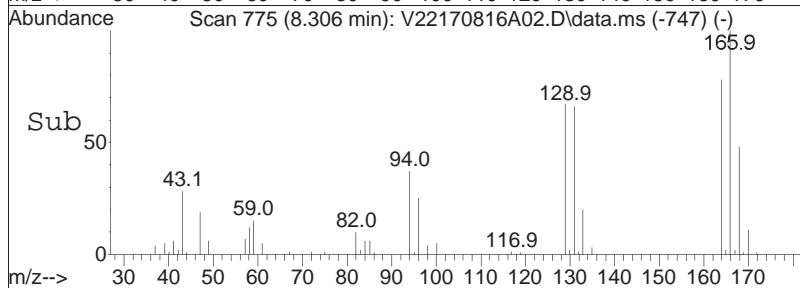
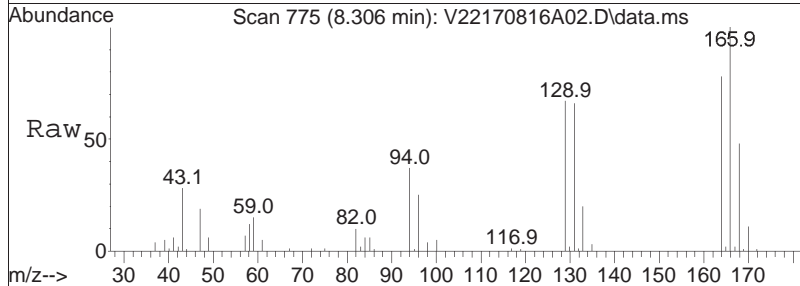
Tgt Ion:	Resp:	Lower	Upper
92	100		
91	171.6	137.0	205.6

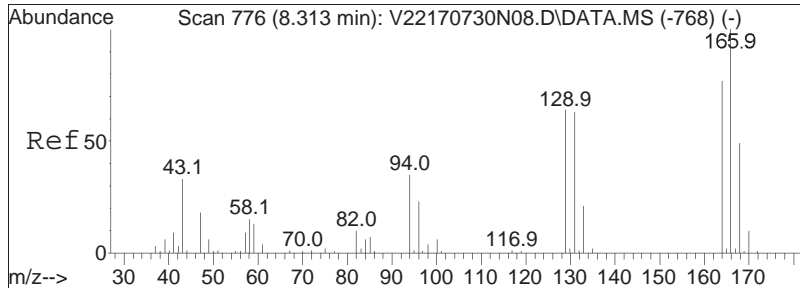




#65
 4-Methyl-2-pentanone
 Concen: 9.41 ug/L
 RT: 8.306 min Scan# 775
 Delta R.T. -0.007 min
 Lab File: V22170816A02.D
 Acq: 16 Aug 2017 08:44 am

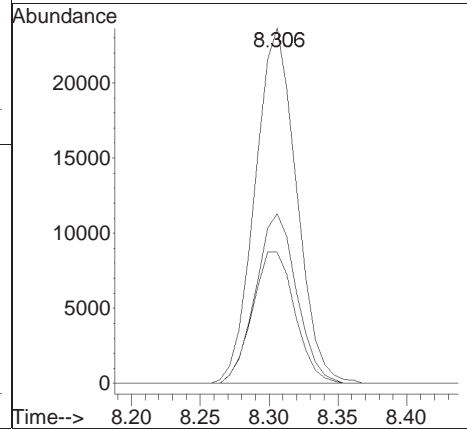
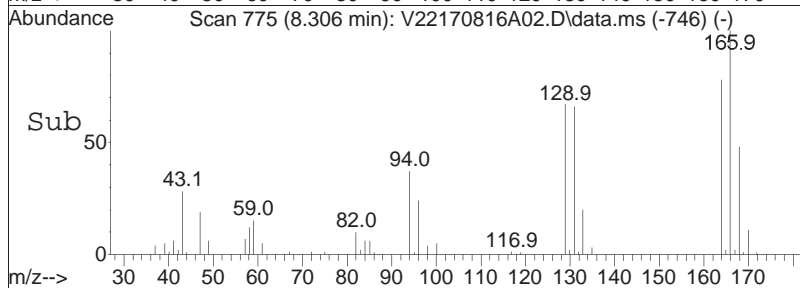
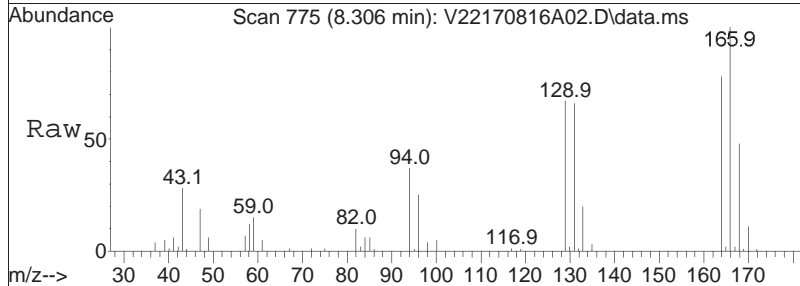
Tgt Ion:	Resp:		
Ion Ratio	Lower	Upper	
58	100		
100	43.0	36.2	54.4
43	236.6	181.8	272.8

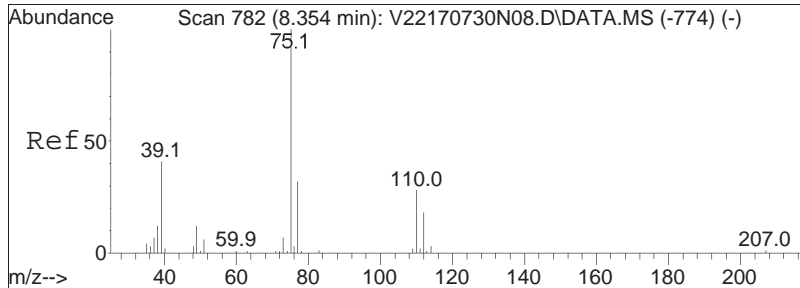




#66
 Tetrachloroethene
 Concen: 10.58 ug/L
 RT: 8.306 min Scan# 775
 Delta R.T. -0.000 min
 Lab File: V22170816A02.D
 Acq: 16 Aug 2017 08:44 am

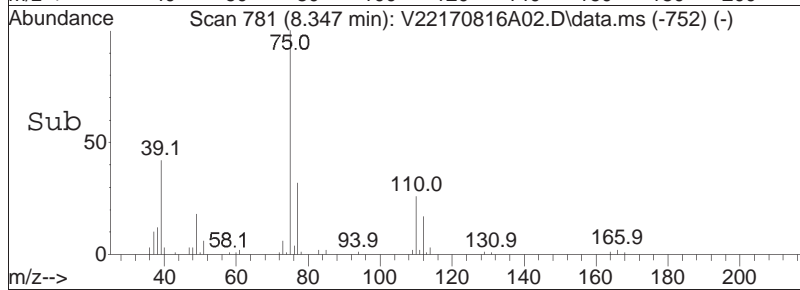
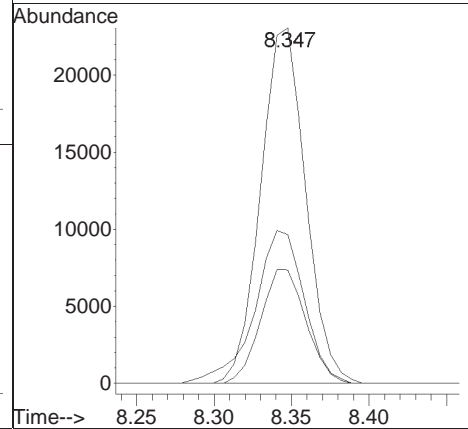
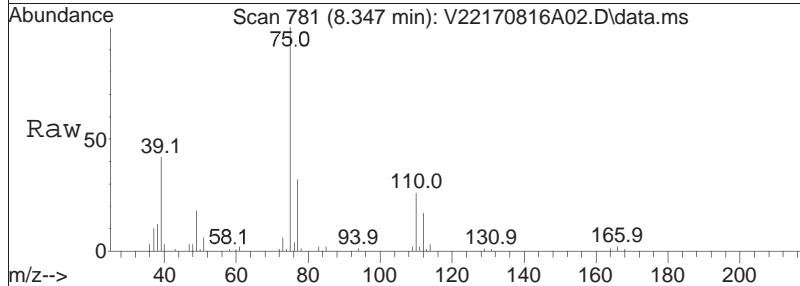
Tgt Ion	Resp	Lower	Upper
166	49542		
166	100		
168	47.2	27.8	67.8
94	37.9	16.7	56.7

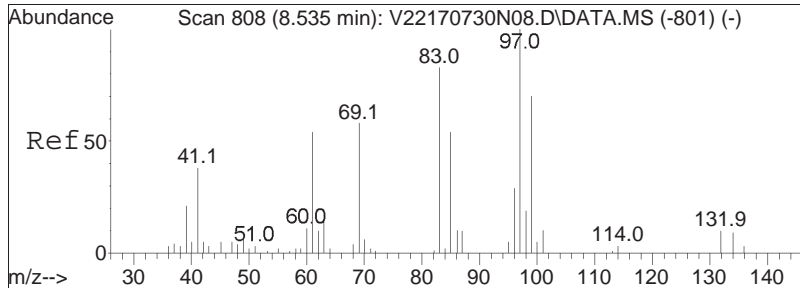




#68
 trans-1,3-Dichloropropene
 Concen: 10.41 ug/L
 RT: 8.347 min Scan# 781
 Delta R.T. -0.001 min
 Lab File: V22170816A02.D
 Acq: 16 Aug 2017 08:44 am

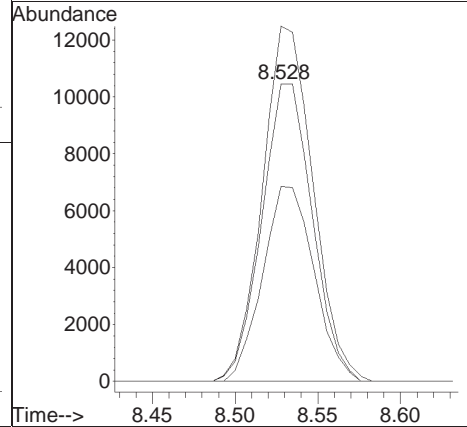
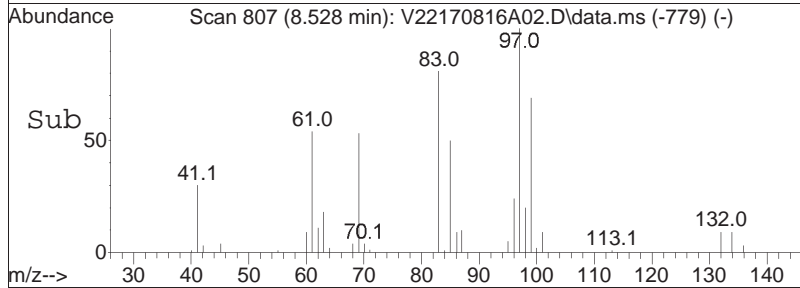
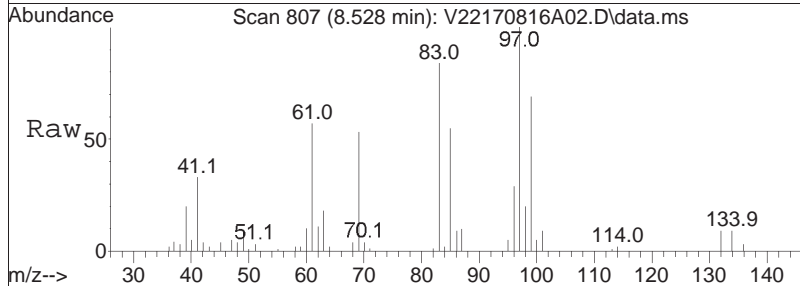
Tgt Ion:	75	Resp:	46585
Ion Ratio	Lower	Upper	
75	100		
77	32.3	11.9	51.9
39	47.5	27.4	67.4

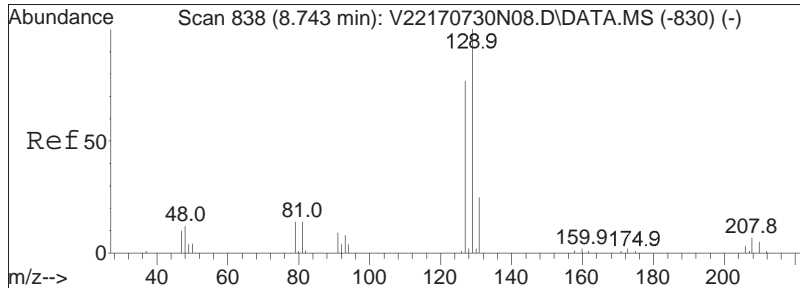




#71
 1,1,2-Trichloroethane
 Concen: 10.41 ug/L
 RT: 8.528 min Scan# 807
 Delta R.T. -0.007 min
 Lab File: V22170816A02.D
 Acq: 16 Aug 2017 08:44 am

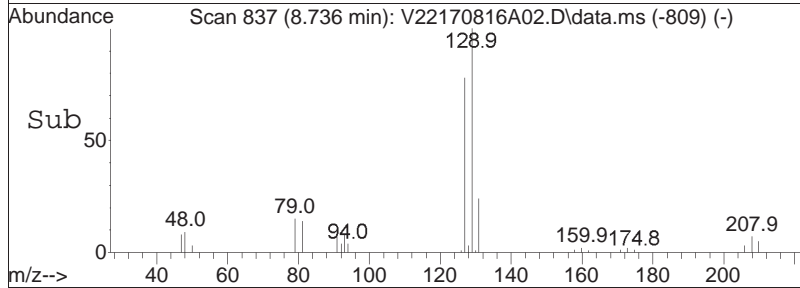
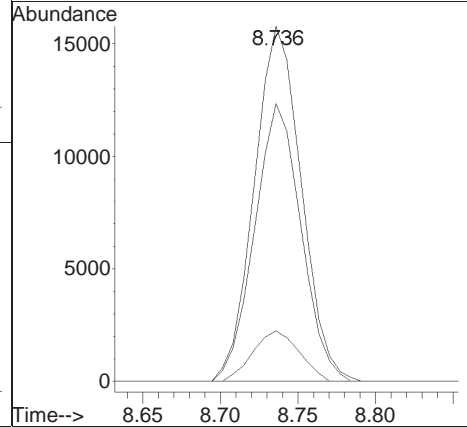
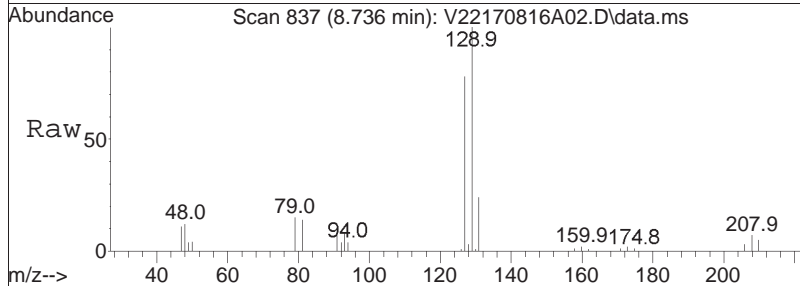
Tgt Ion:	83	97	85	Resp:	22281	Lower	Upper
Ion Ratio	100	119.7	66.7			103.4	143.4
						47.9	87.9

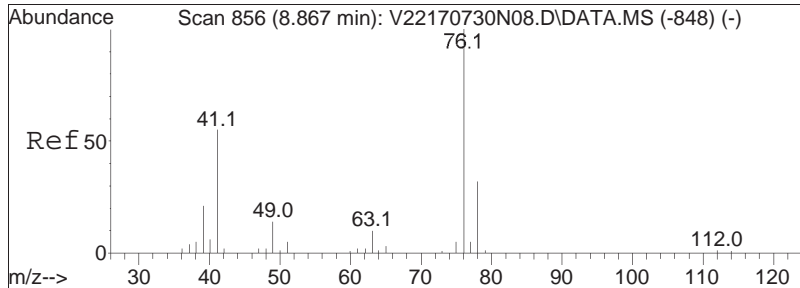




#72
 Chlorodibromomethane
 Concen: 9.88 ug/L
 RT: 8.736 min Scan# 837
 Delta R.T. -0.007 min
 Lab File: V22170816A02.D
 Acq: 16 Aug 2017 08:44 am

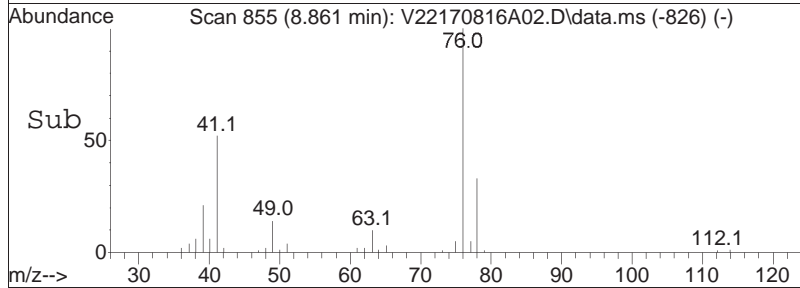
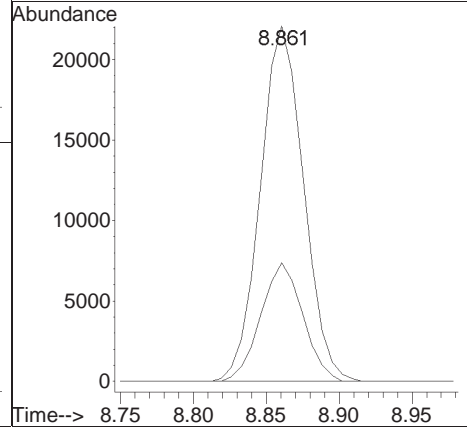
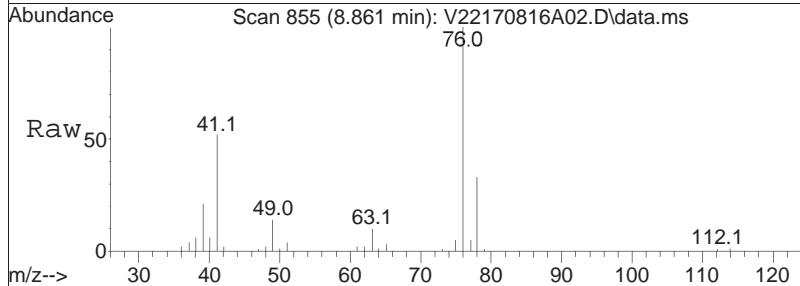
Tgt Ion	Resp	Lower	Upper
129	33339		
129	100		
81	14.0	0.0	33.8
127	77.2	57.1	97.1

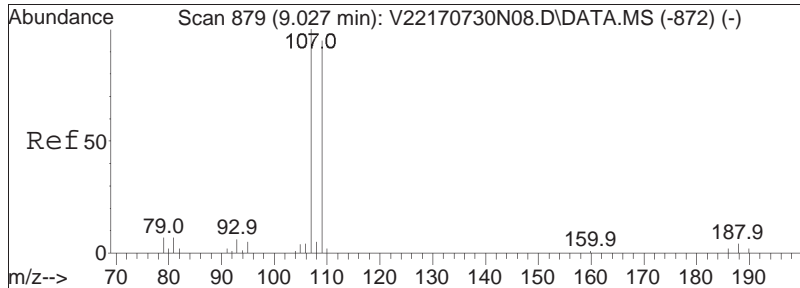




#73
 1,3-Dichloropropane
 Concen: 10.48 ug/L
 RT: 8.861 min Scan# 855
 Delta R.T. -0.000 min
 Lab File: V22170816A02.D
 Acq: 16 Aug 2017 08:44 am

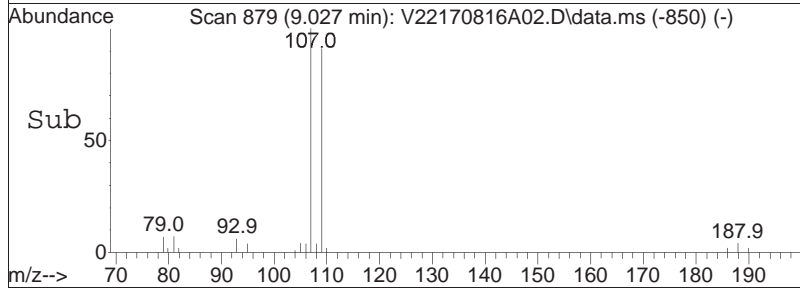
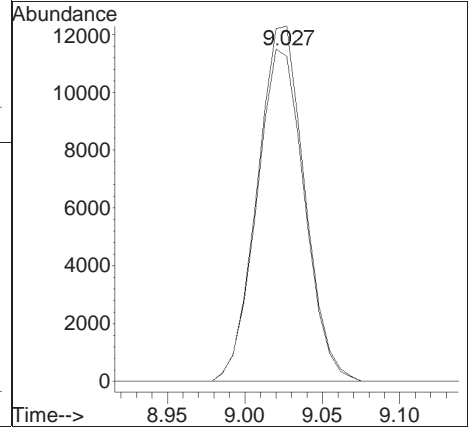
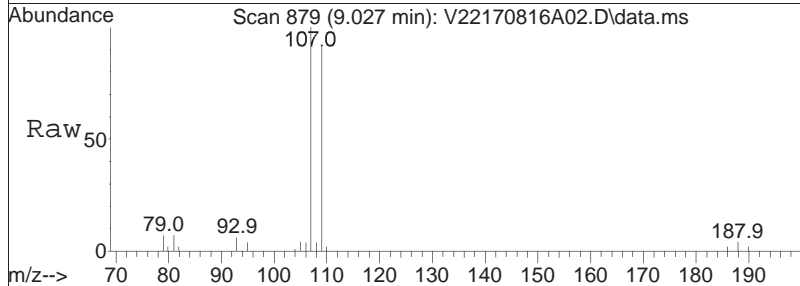
Tgt Ion	Resp	Lower	Upper
76	100		
78	32.5	25.7	38.5

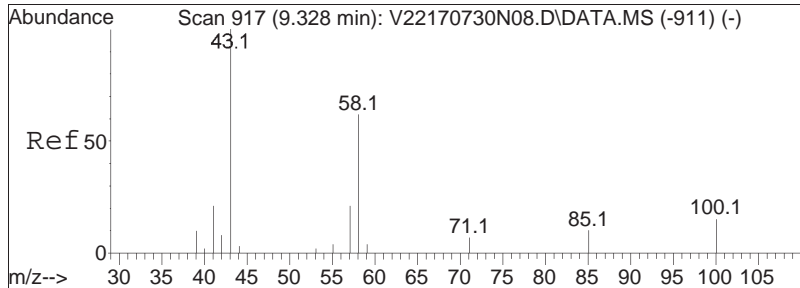




#74
 1,2-Dibromoethane
 Concen: 9.64 ug/L
 RT: 9.027 min Scan# 879
 Delta R.T. -0.000 min
 Lab File: V22170816A02.D
 Acq: 16 Aug 2017 08:44 am

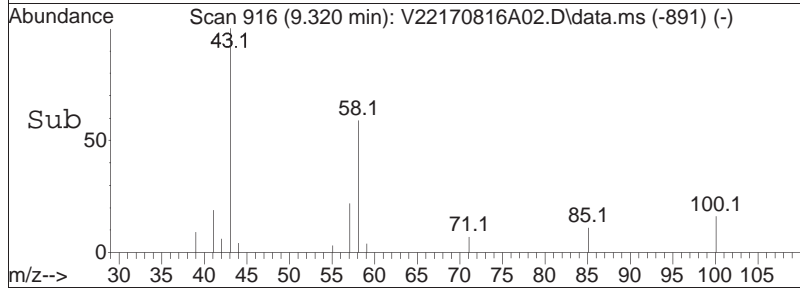
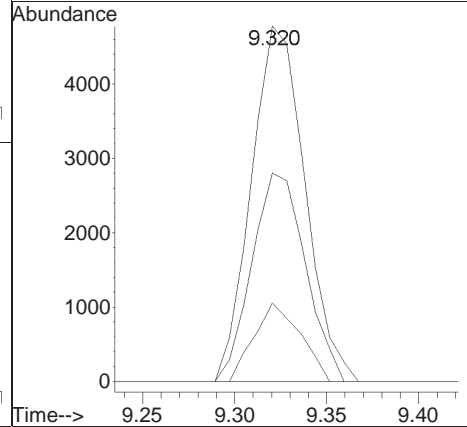
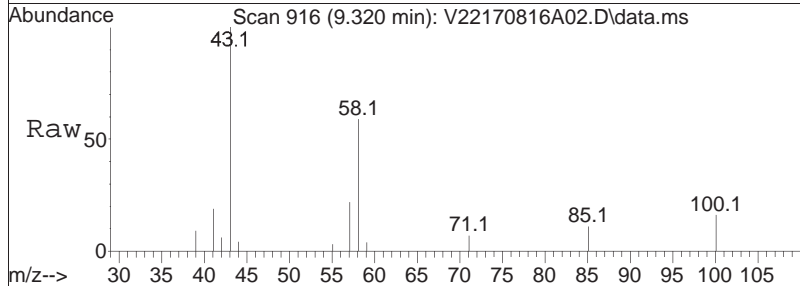
Tgt Ion	Resp	Lower	Upper
107	100		
109	93.9	75.1	112.7

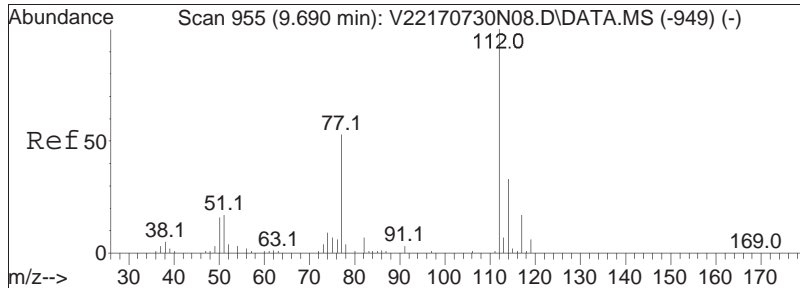




#76
 2-Hexanone
 Concen: 10.08 ug/L
 RT: 9.320 min Scan# 916
 Delta R.T. -0.008 min
 Lab File: V22170816A02.D
 Acq: 16 Aug 2017 08:44 am

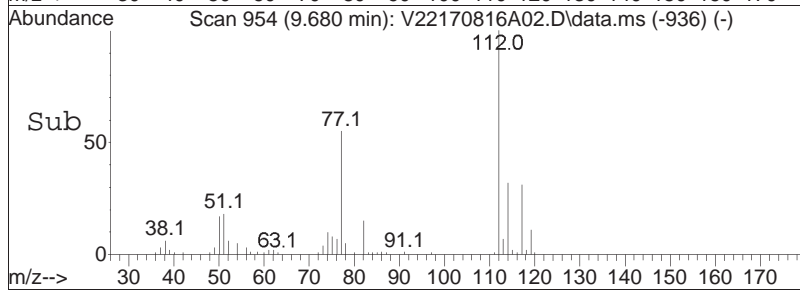
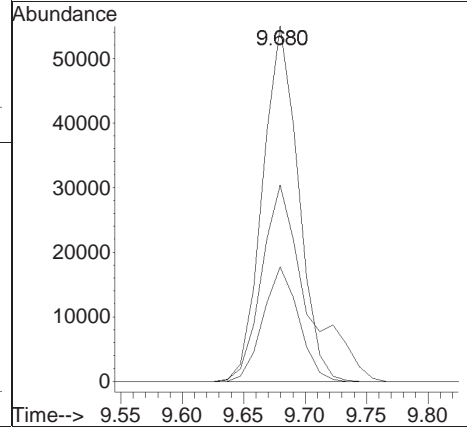
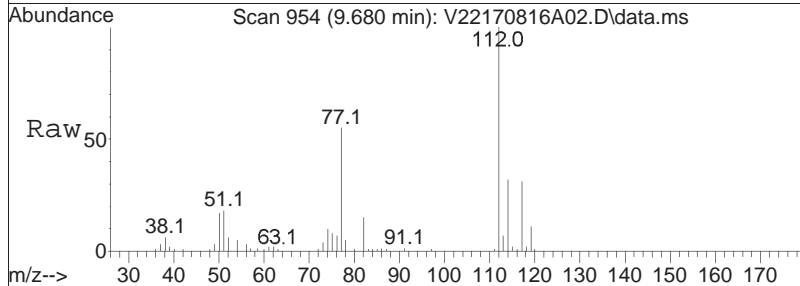
Tgt Ion:	43	58	57	Resp:	9693	Lower	Upper
Ion Ratio	100	58.5	19.0			47.6	71.4

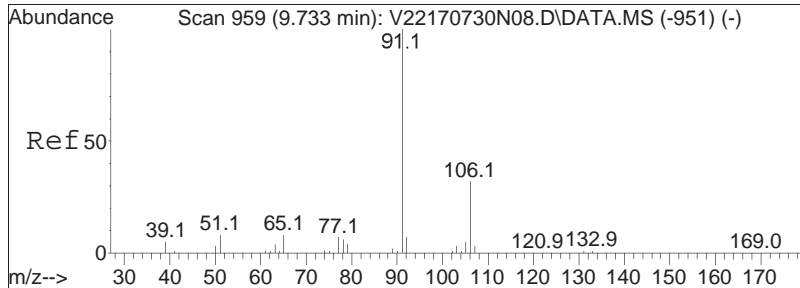




#77
 Chlorobenzene
 Concen: 10.55 ug/L
 RT: 9.680 min Scan# 954
 Delta R.T. -0.000 min
 Lab File: V22170816A02.D
 Acq: 16 Aug 2017 08:44 am

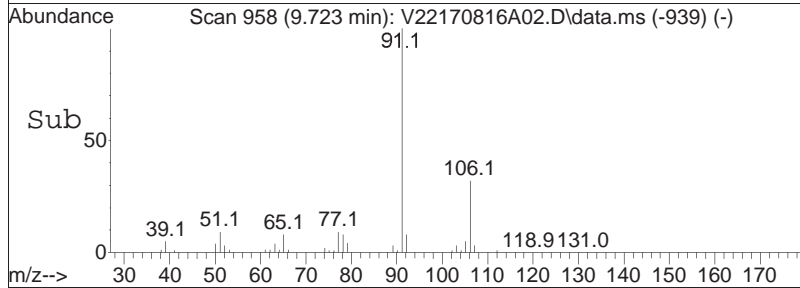
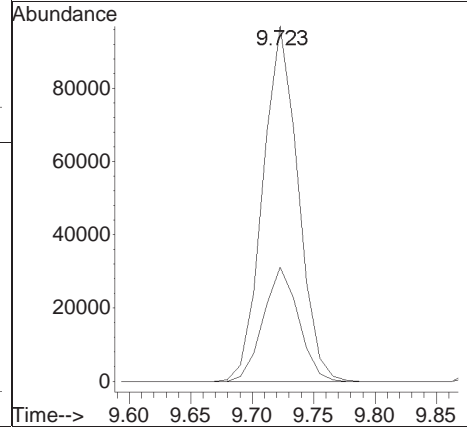
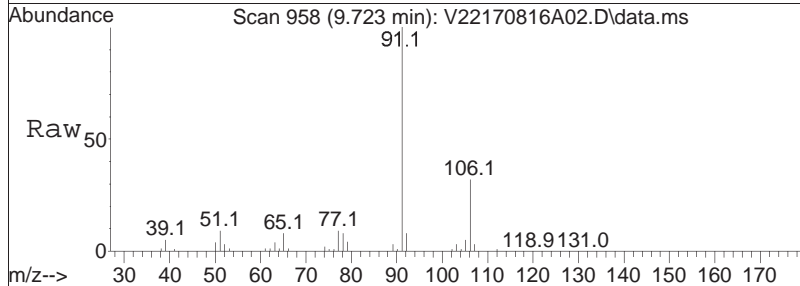
Tgt Ion	Ratio	Lower	Upper
112	100		
77	70.3	55.4	83.0
114	32.2	26.2	39.4

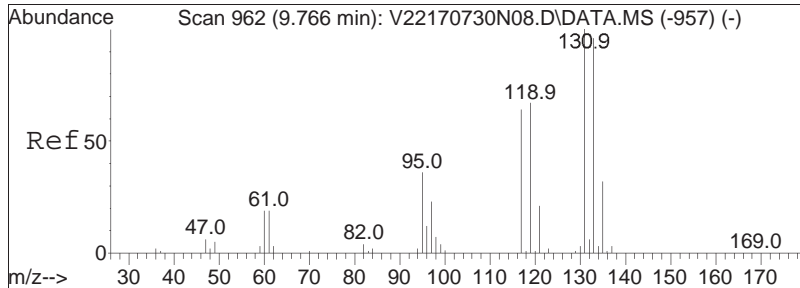




#78
 Ethylbenzene
 Concen: 10.85 ug/L
 RT: 9.723 min Scan# 958
 Delta R.T. -0.000 min
 Lab File: V22170816A02.D
 Acq: 16 Aug 2017 08:44 am

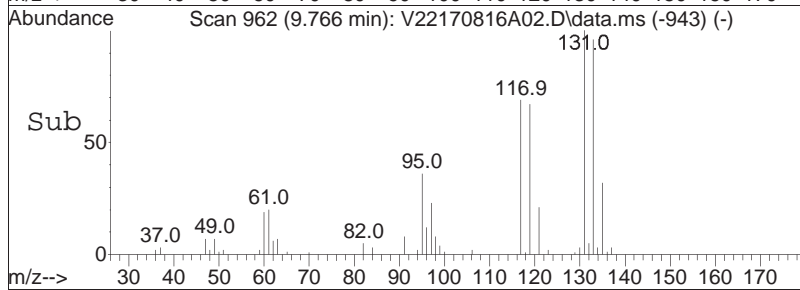
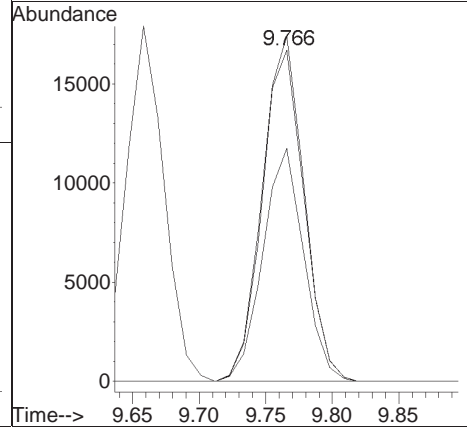
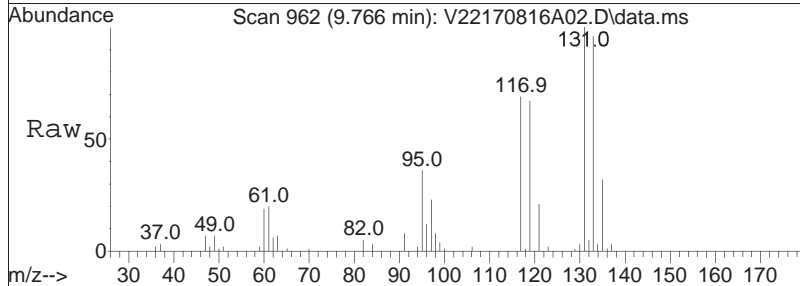
Tgt Ion	Resp	Lower	Upper
91	100		
106	32.0	25.8	38.6

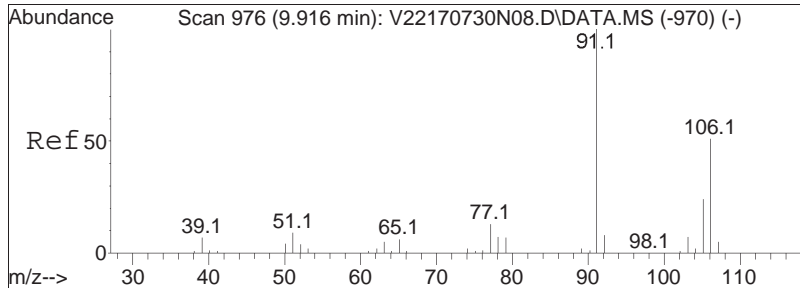




#79
 1,1,1,2-Tetrachloroethane
 Concen: 10.38 ug/L
 RT: 9.766 min Scan# 962
 Delta R.T. -0.000 min
 Lab File: V22170816A02.D
 Acq: 16 Aug 2017 08:44 am

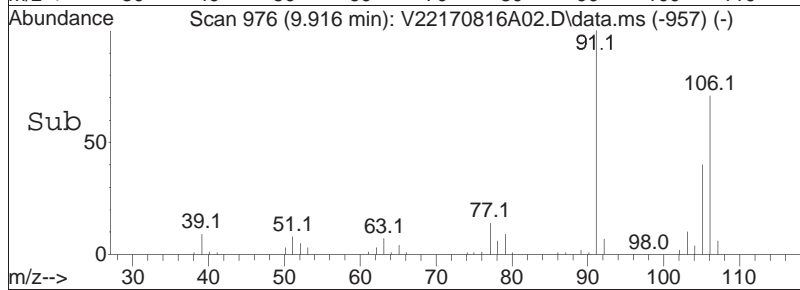
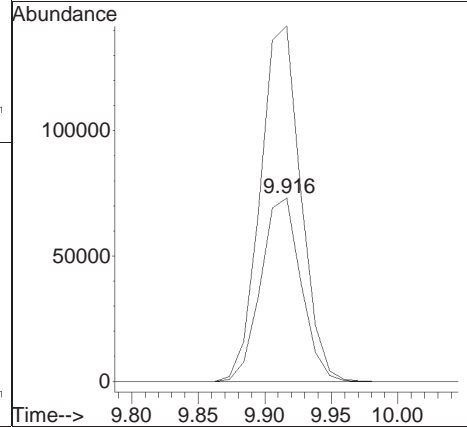
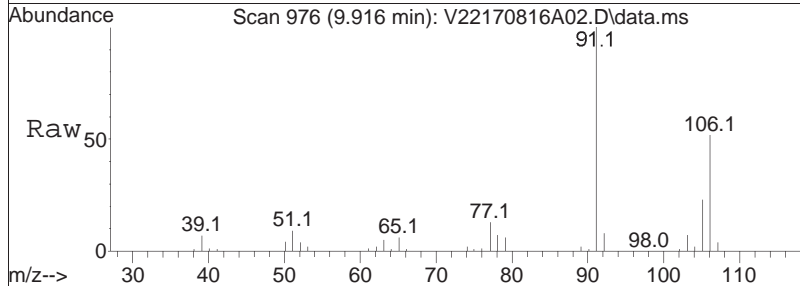
Tgt Ion	Resp	Lower	Upper
131	100		
133	96.2	75.3	115.3
119	66.1	49.3	89.3

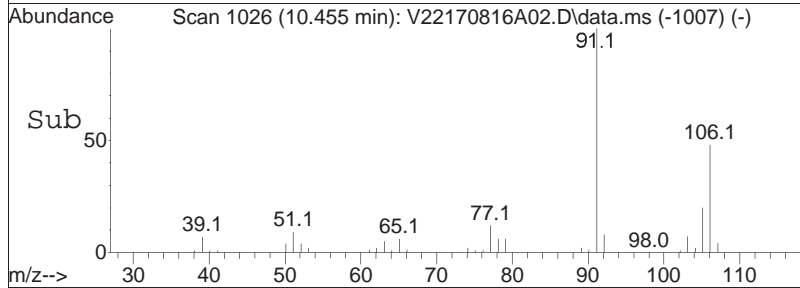
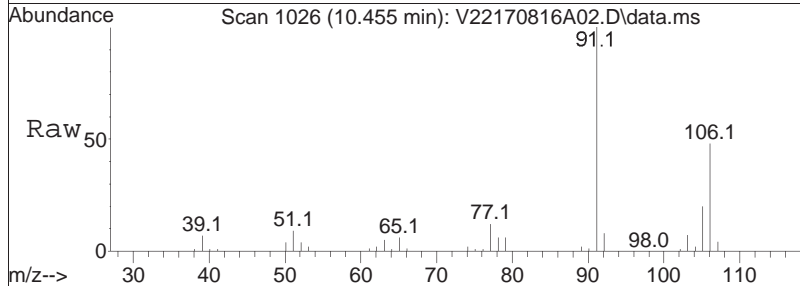
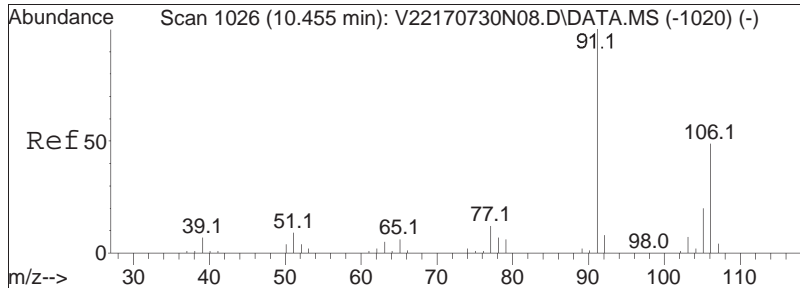




#80
 p/m Xylene
 Concen: 21.55 ug/L
 RT: 9.916 min Scan# 976
 Delta R.T. 0.000 min
 Lab File: V22170816A02.D
 Acq: 16 Aug 2017 08:44 am

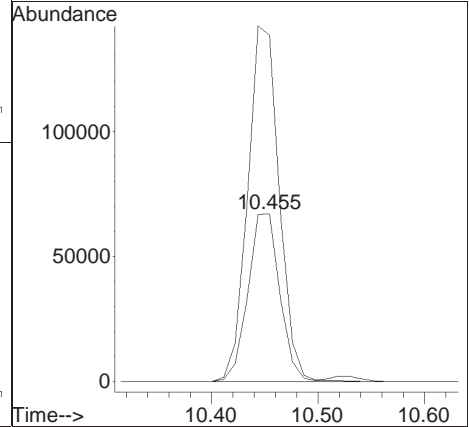
Tgt Ion	Ratio	Lower	Upper
106	100		
91	195.1	156.0	234.0

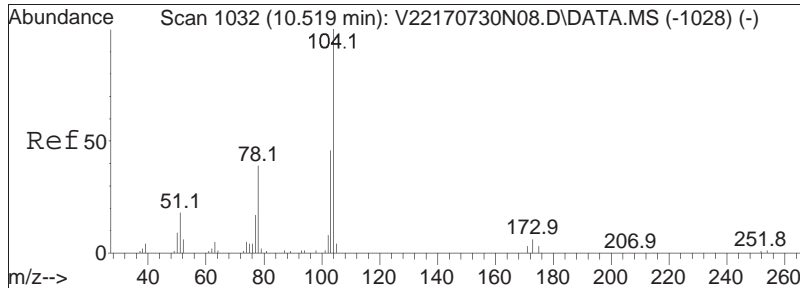




#81
 o Xylene
 Concen: 21.30 ug/L
 RT: 10.455 min Scan# 1026
 Delta R.T. -0.000 min
 Lab File: V22170816A02.D
 Acq: 16 Aug 2017 08:44 am

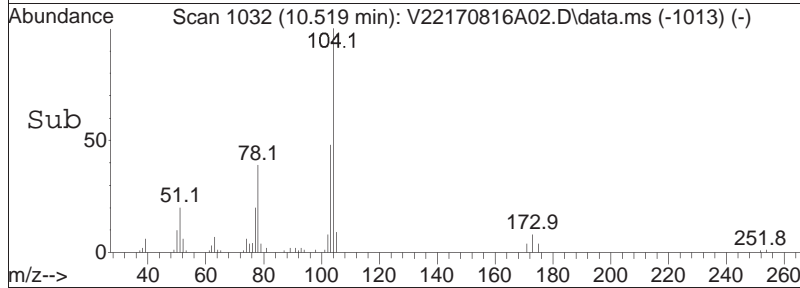
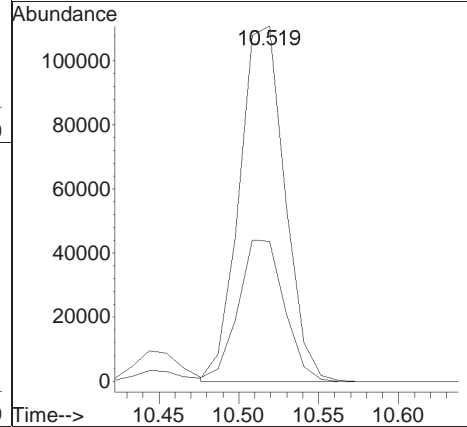
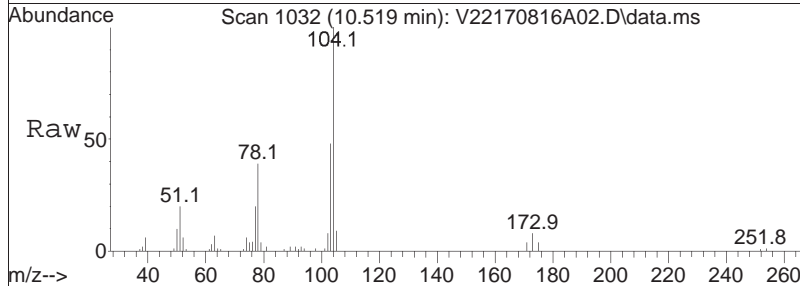
Tgt Ion	Resp	Lower	Upper
106	100		
91	208.3	164.0	246.0

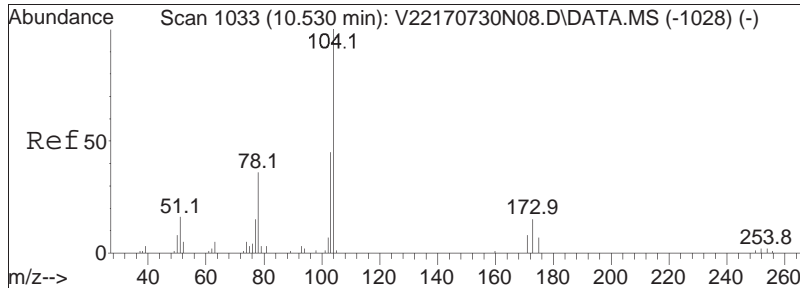




#82
 Styrene
 Concen: 20.80 ug/L
 RT: 10.519 min Scan# 1032
 Delta R.T. 0.000 min
 Lab File: V22170816A02.D
 Acq: 16 Aug 2017 08:44 am

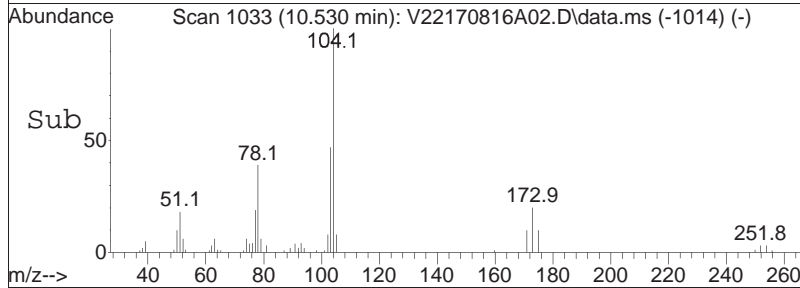
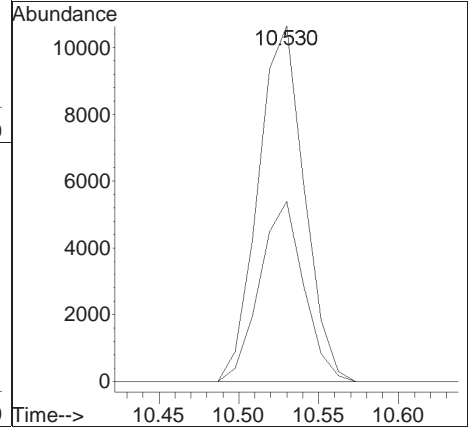
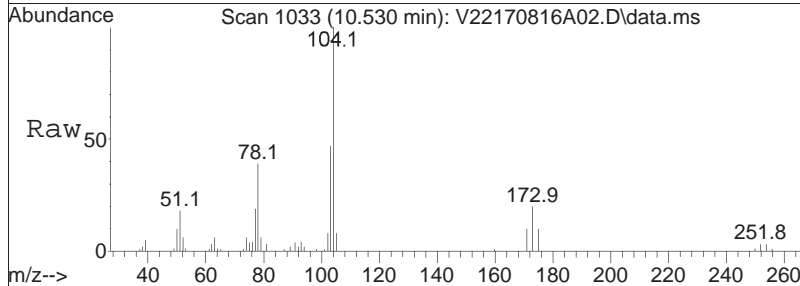
Tgt Ion	Ratio	Lower	Upper
104	100		
78	40.2	32.1	48.1

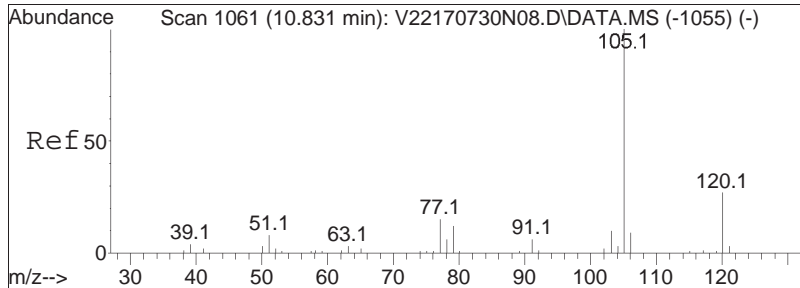




#84
 Bromoform
 Concen: 9.31 ug/L
 RT: 10.530 min Scan# 1033
 Delta R.T. -0.000 min
 Lab File: V22170816A02.D
 Acq: 16 Aug 2017 08:44 am

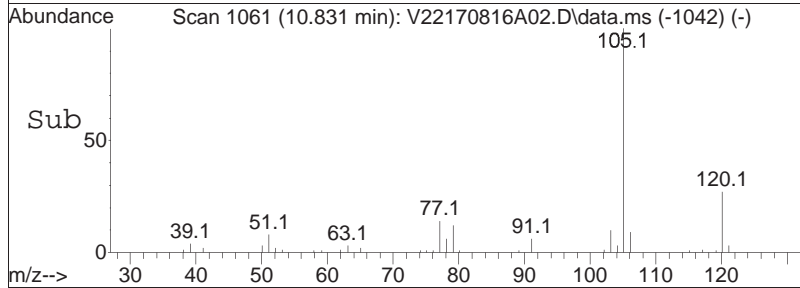
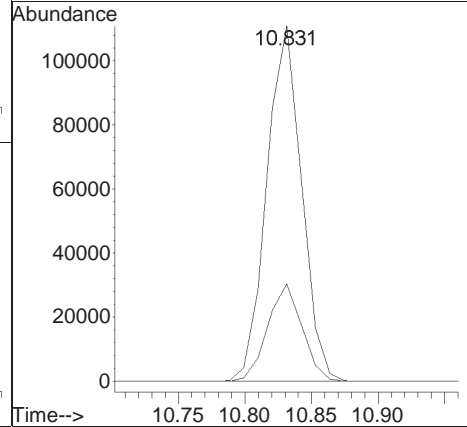
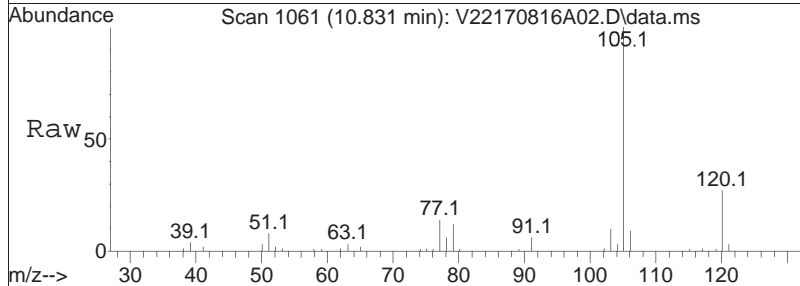
Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.6	29.3	69.3

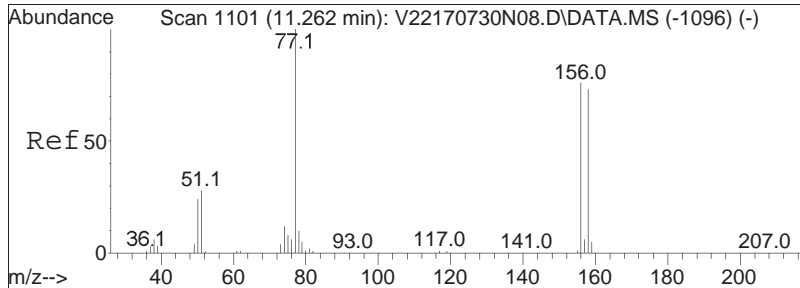




#86
 Isopropylbenzene
 Concen: 10.81 ug/L
 RT: 10.831 min Scan# 1061
 Delta R.T. 0.000 min
 Lab File: V22170816A02.D
 Acq: 16 Aug 2017 08:44 am

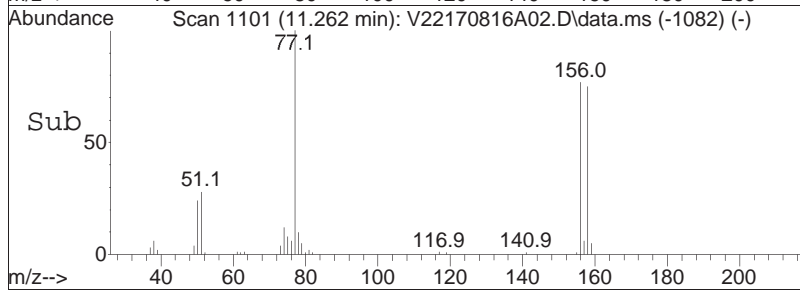
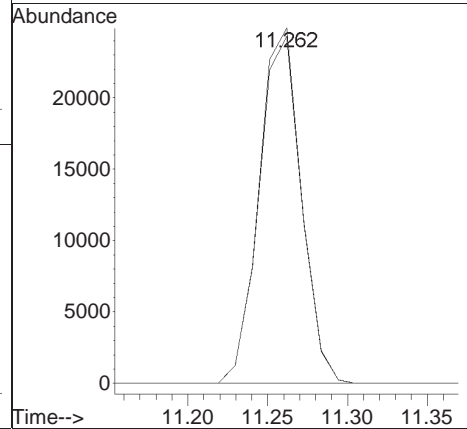
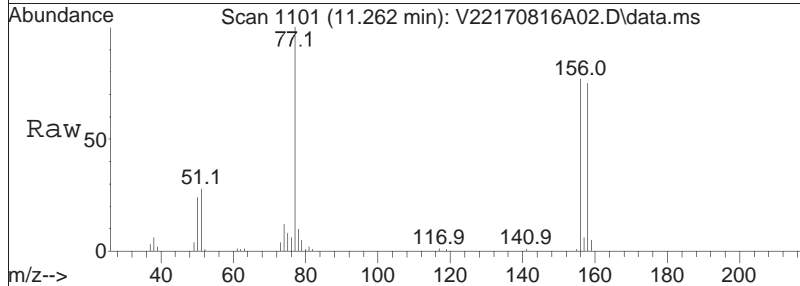
Tgt Ion	Resp	Lower	Upper
105	100		
120	27.1	7.7	47.7

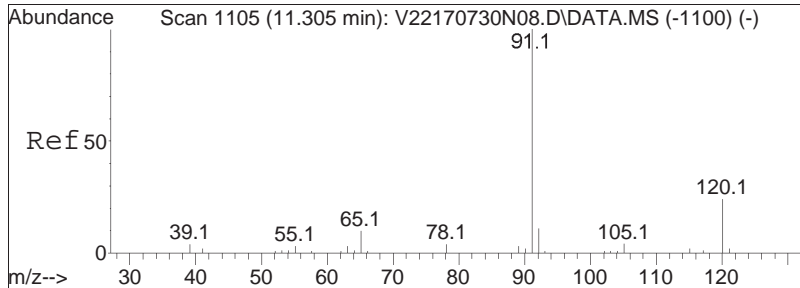




#88
 Bromobenzene
 Concen: 10.12 ug/L
 RT: 11.262 min Scan# 1101
 Delta R.T. -0.000 min
 Lab File: V22170816A02.D
 Acq: 16 Aug 2017 08:44 am

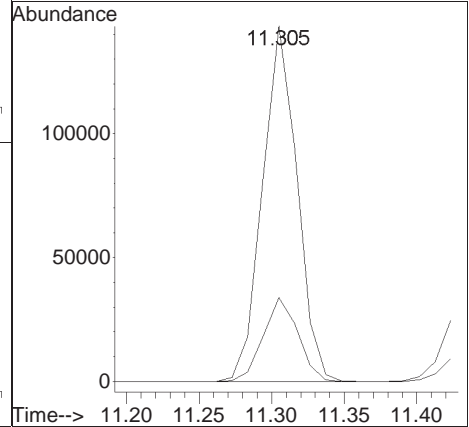
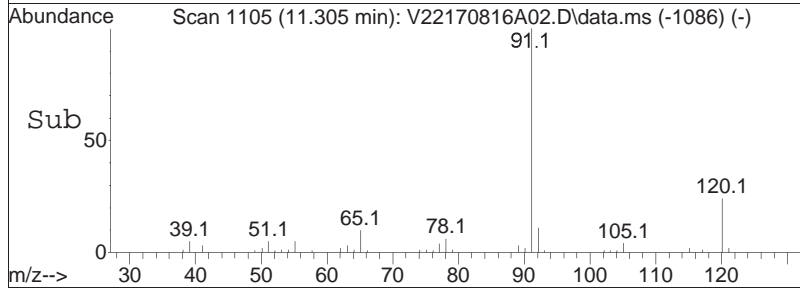
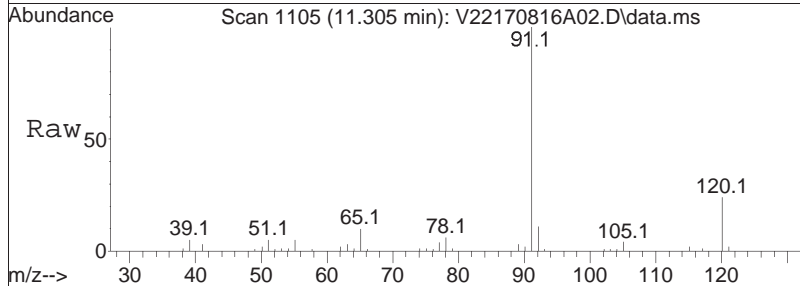
Tgt Ion	Resp	Lower	Upper
156	100		
158	97.7	77.9	116.9

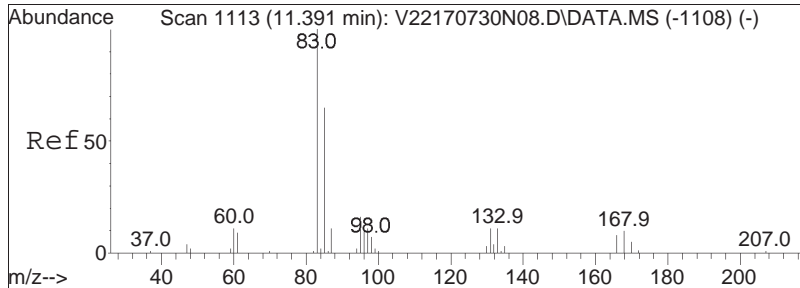




#89
 n-Propylbenzene
 Concen: 11.17 ug/L
 RT: 11.305 min Scan# 1105
 Delta R.T. -0.000 min
 Lab File: V22170816A02.D
 Acq: 16 Aug 2017 08:44 am

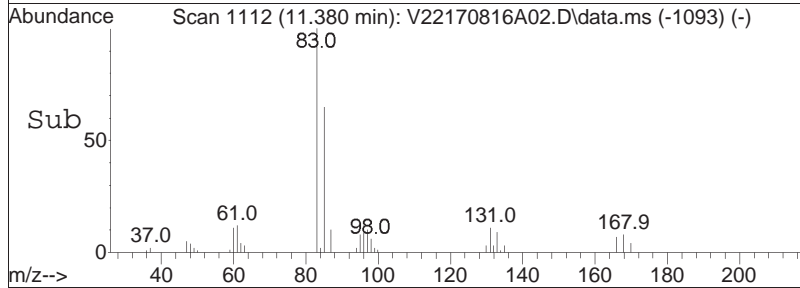
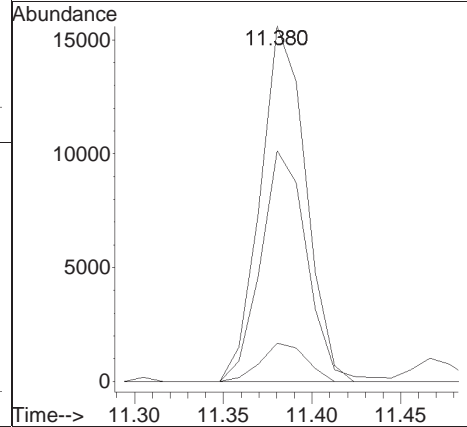
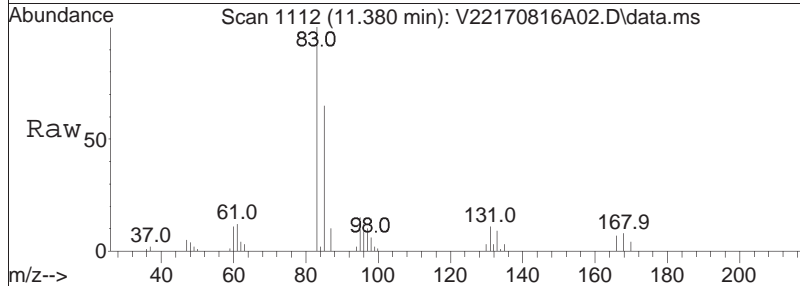
Tgt Ion	Resp	Lower	Upper
91	100		
120	23.6	19.5	29.3

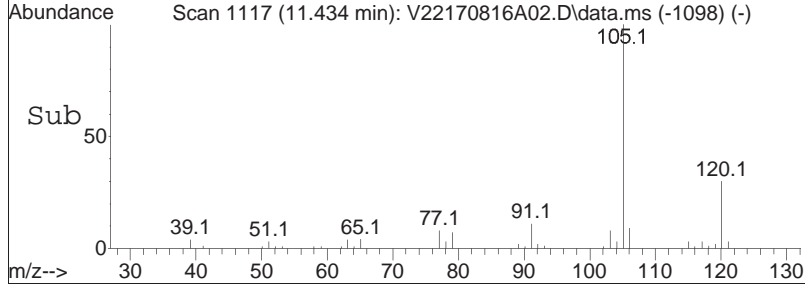
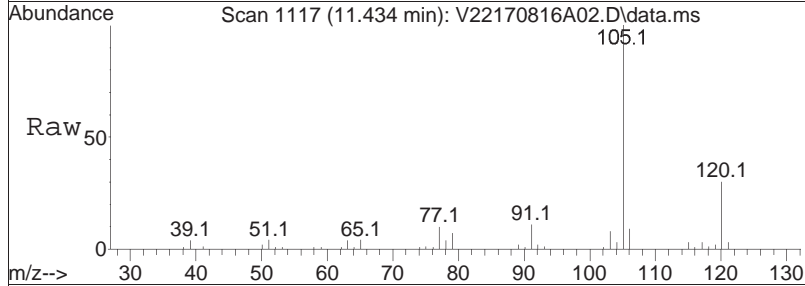
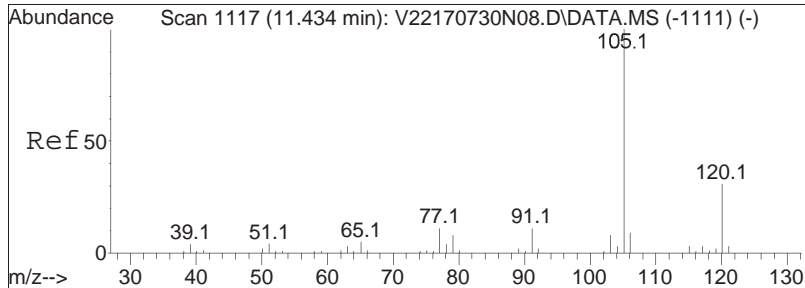




#91
 1,1,2,2-Tetrachloroethane
 Concen: 10.03 ug/L
 RT: 11.380 min Scan# 1112
 Delta R.T. 0.000 min
 Lab File: V22170816A02.D
 Acq: 16 Aug 2017 08:44 am

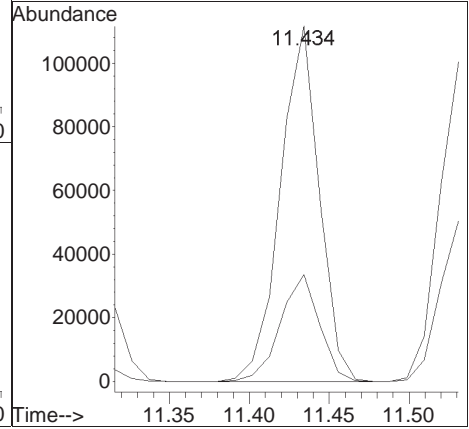
Tgt Ion:	83	Resp:	27821
Ion Ratio	100	Lower	Upper
131	10.8	0.0	30.8
85	66.4	45.4	85.4

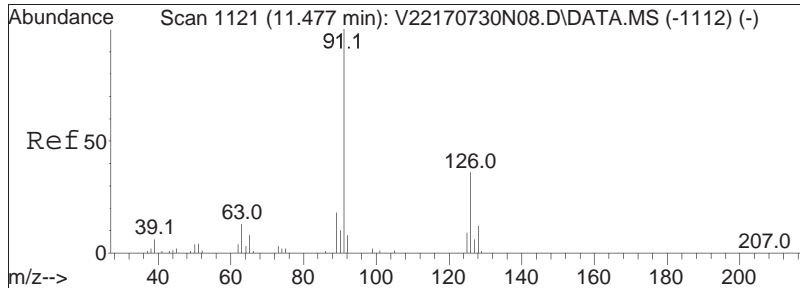




#92
 4-Ethyltoluene
 Concen: 11.02 ug/L
 RT: 11.434 min Scan# 1117
 Delta R.T. 0.000 min
 Lab File: V22170816A02.D
 Acq: 16 Aug 2017 08:44 am

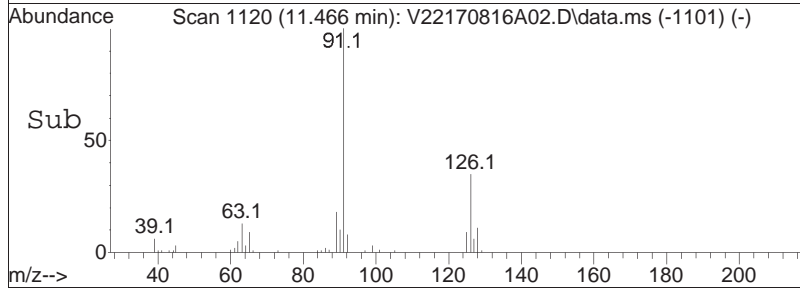
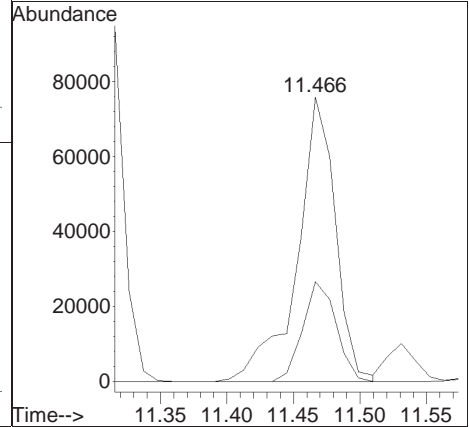
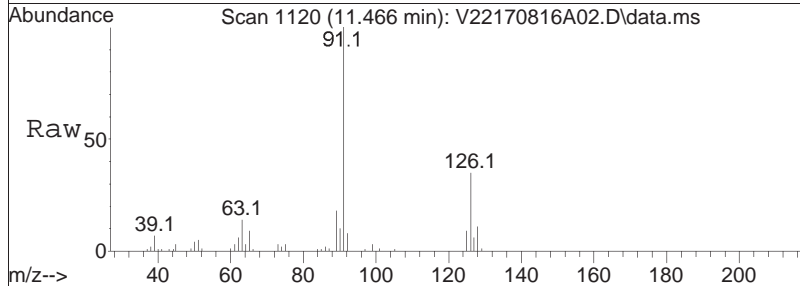
Tgt Ion	Resp	Lower	Upper
105	100		
120	30.2	19.8	41.0

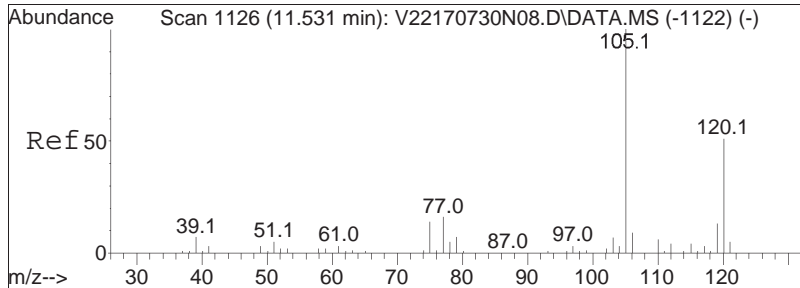




#93
 2-Chlorotoluene
 Concen: 11.03 ug/L
 RT: 11.466 min Scan# 1120
 Delta R.T. 0.000 min
 Lab File: V22170816A02.D
 Acq: 16 Aug 2017 08:44 am

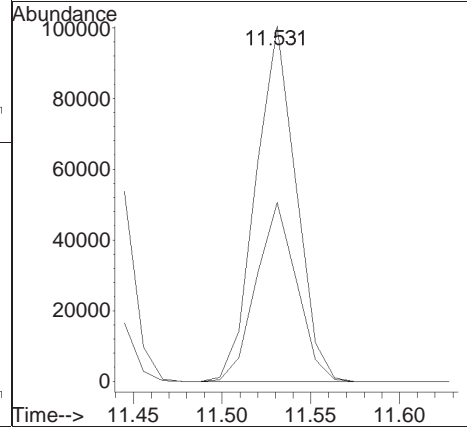
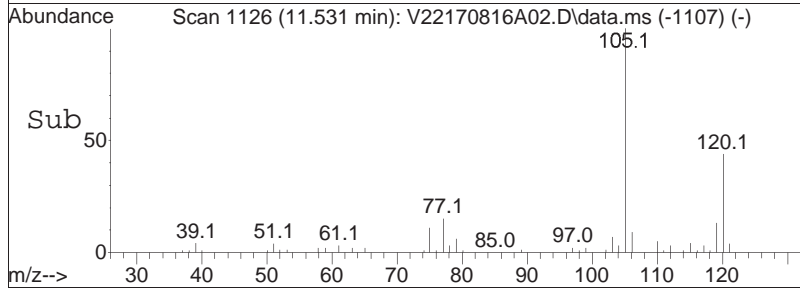
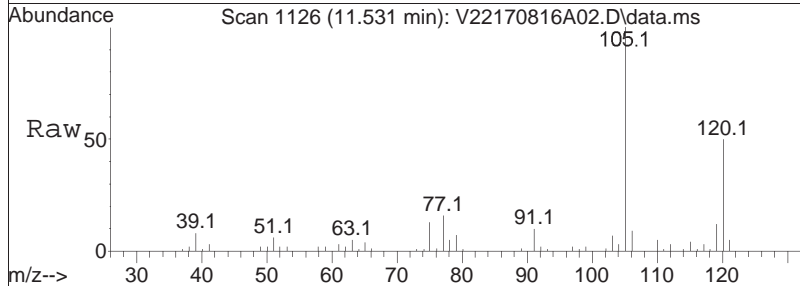
Tgt Ion:	91	Resp:	151504
Ion Ratio	Lower	Upper	
91	100		
126	30.5	24.6	37.0

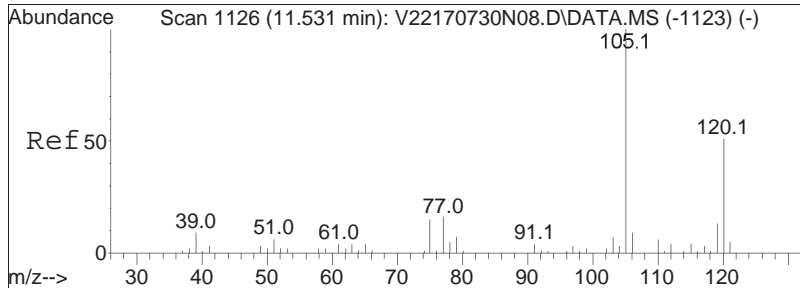




#94
 1,3,5-Trimethylbenzene
 Concen: 10.84 ug/L
 RT: 11.531 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: V22170816A02.D
 Acq: 16 Aug 2017 08:44 am

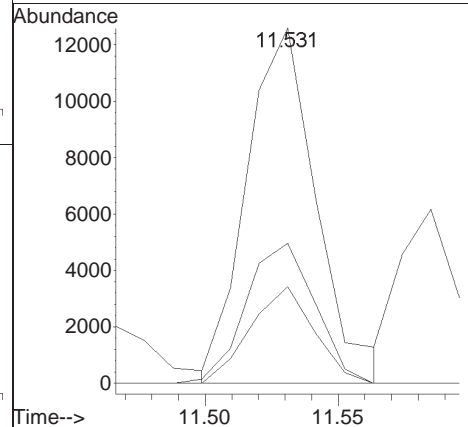
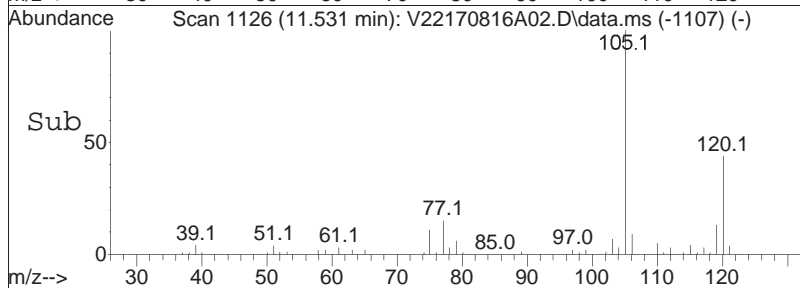
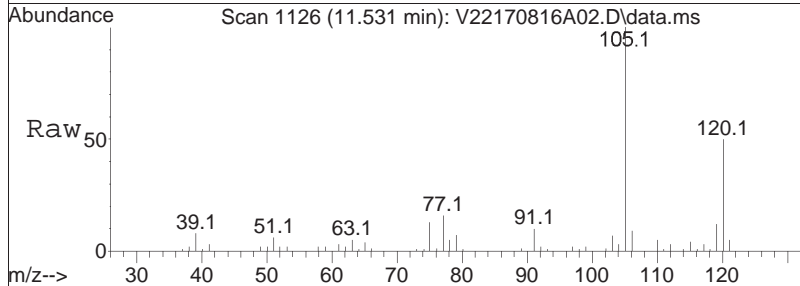
Tgt Ion	Resp	Lower	Upper
105	100		
120	50.6	40.9	61.3

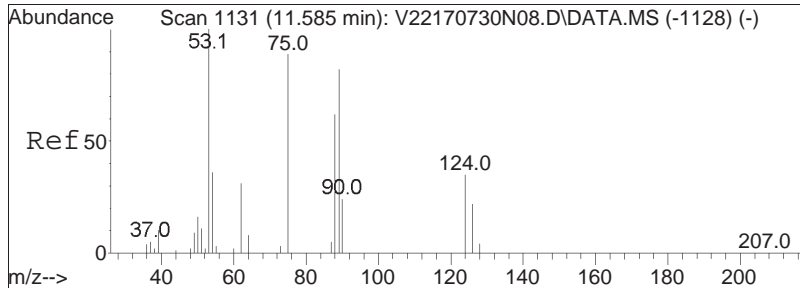




#95
 1,2,3-Trichloropropane
 Concen: 10.31 ug/L
 RT: 11.531 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: V22170816A02.D
 Acq: 16 Aug 2017 08:44 am

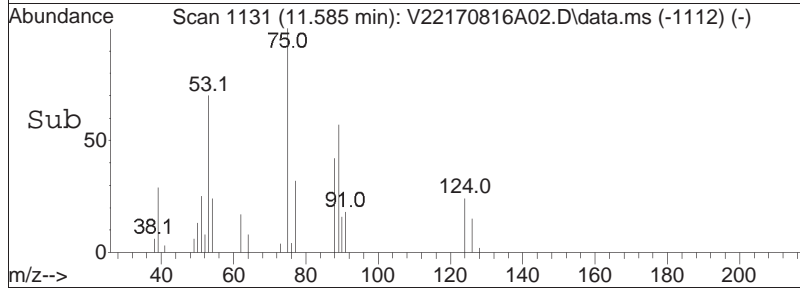
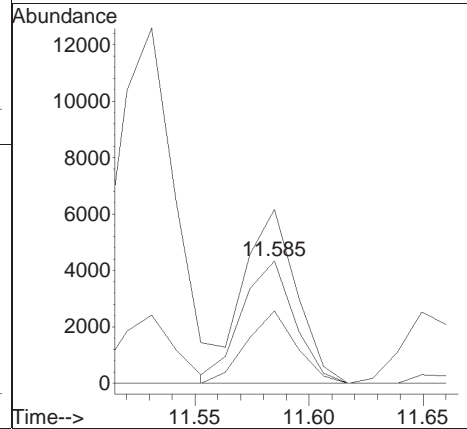
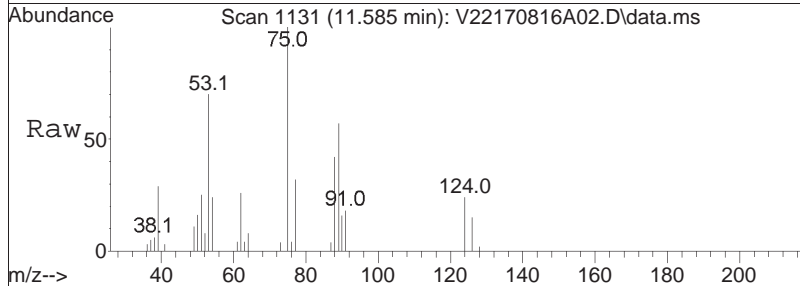
Tgt Ion	Resp	Lower	Upper
75	22950		
75	100		
110	39.1	26.3	54.7
112	25.0	16.8	35.0

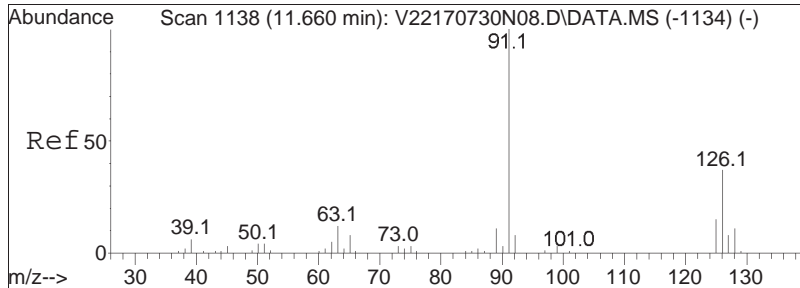




#96
 trans-1,4-Dichloro-2-butene
 Concen: 10.03 ug/L
 RT: 11.585 min Scan# 1131
 Delta R.T. -0.000 min
 Lab File: V22170816A02.D
 Acq: 16 Aug 2017 08:44 am

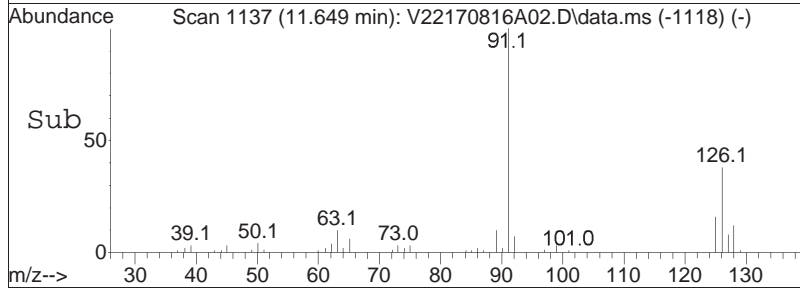
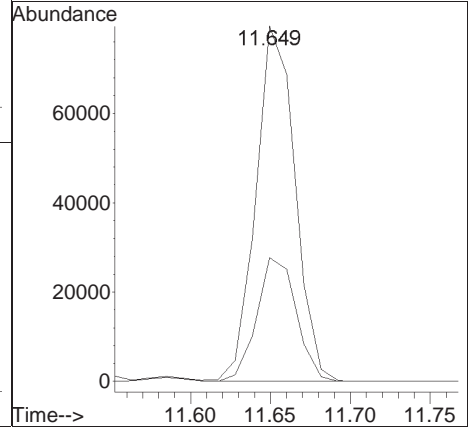
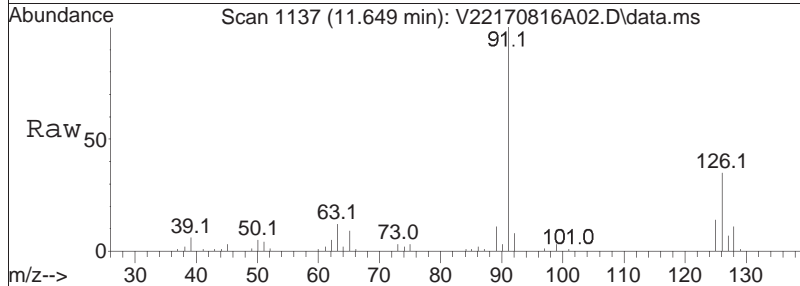
Tgt Ion	Resp	Lower	Upper
53	100		
88	55.7	46.3	69.5
75	132.3	109.0	163.4

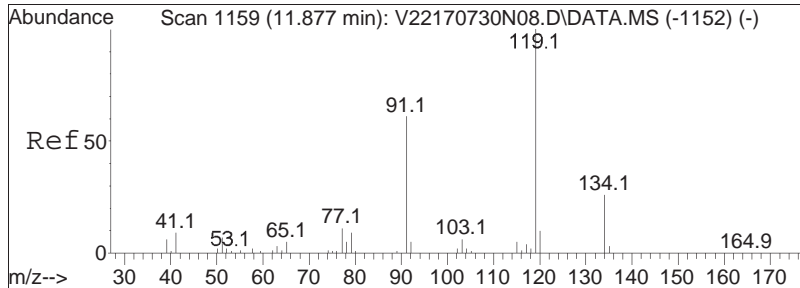




#97
 4-Chlorotoluene
 Concen: 10.83 ug/L
 RT: 11.649 min Scan# 1137
 Delta R.T. 0.000 min
 Lab File: V22170816A02.D
 Acq: 16 Aug 2017 08:44 am

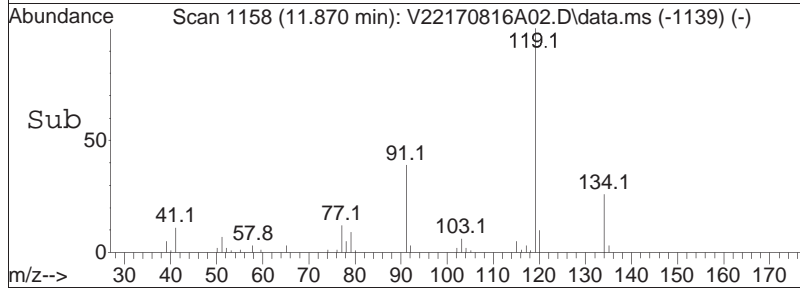
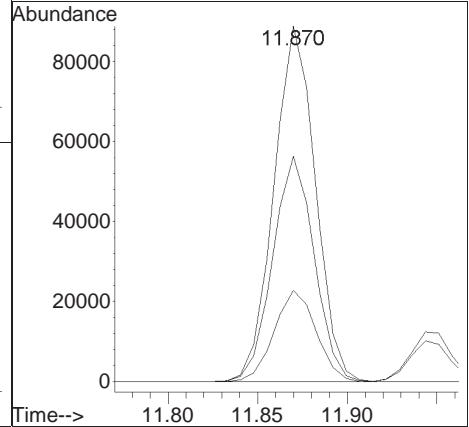
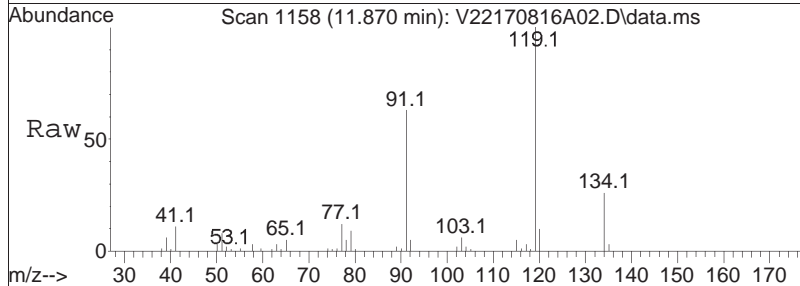
Tgt Ion:	Resp:	Lower	Upper
91	100		
126	35.2	28.5	42.7

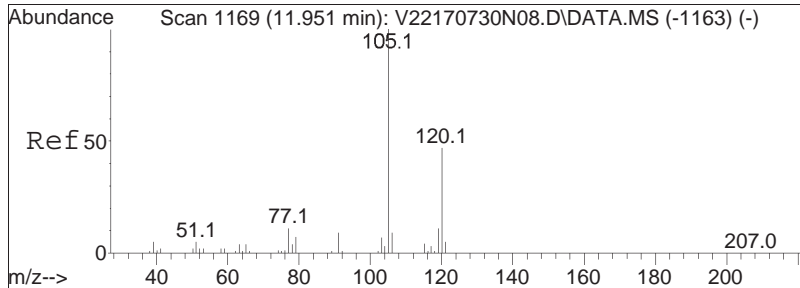




#98
 tert-Butylbenzene
 Concen: 10.65 ug/L
 RT: 11.870 min Scan# 1158
 Delta R.T. -0.000 min
 Lab File: V22170816A02.D
 Acq: 16 Aug 2017 08:44 am

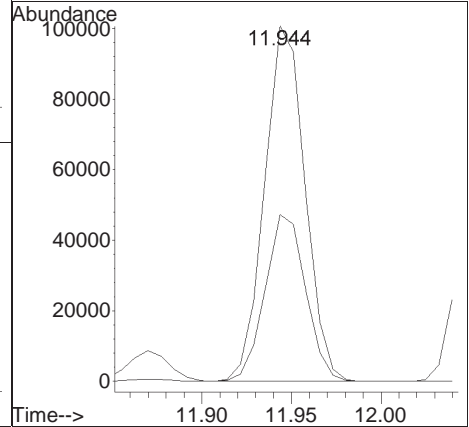
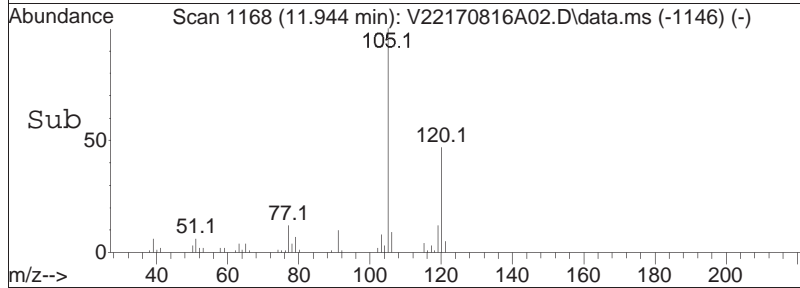
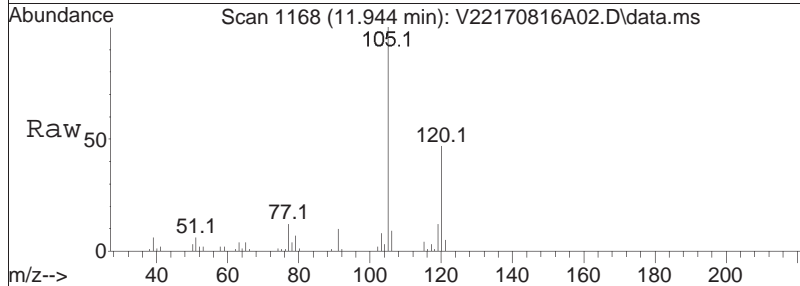
Tgt Ion	Ratio	Lower	Upper
119	100		
91	63.5	50.2	75.4
134	25.8	20.8	31.2

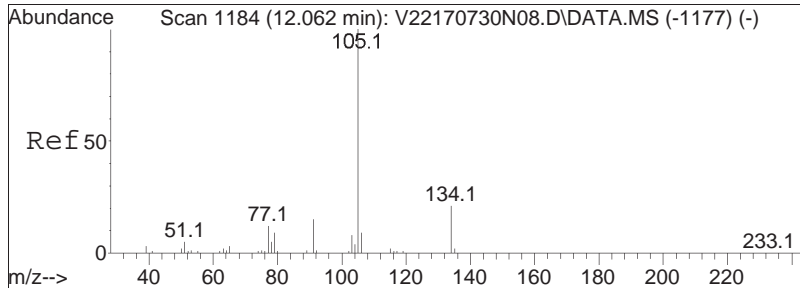




#101
 1,2,4-Trimethylbenzene
 Concen: 10.78 ug/L
 RT: 11.944 min Scan# 1168
 Delta R.T. -0.007 min
 Lab File: V22170816A02.D
 Acq: 16 Aug 2017 08:44 am

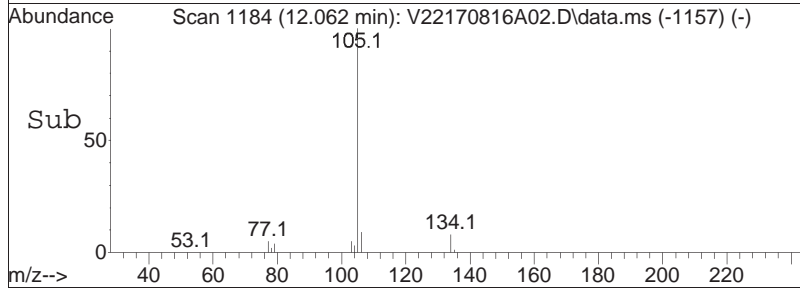
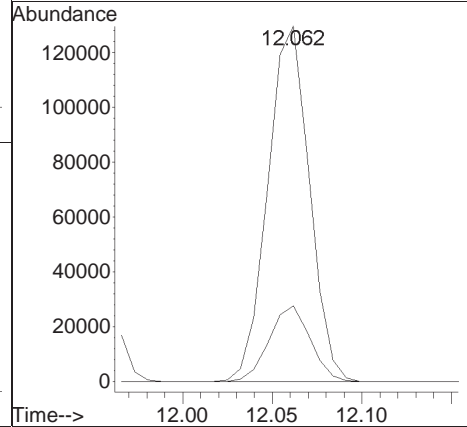
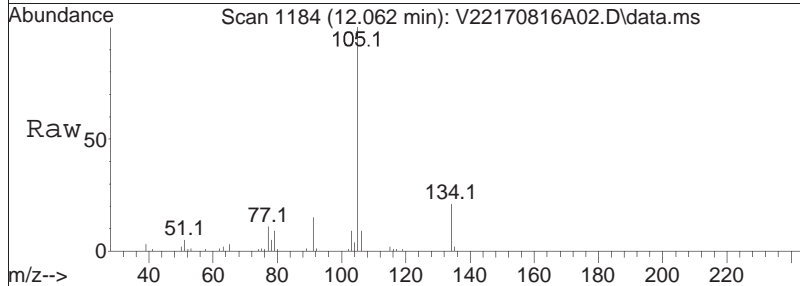
Tgt Ion	Resp	Lower	Upper
105	100		
120	47.1	38.5	57.7

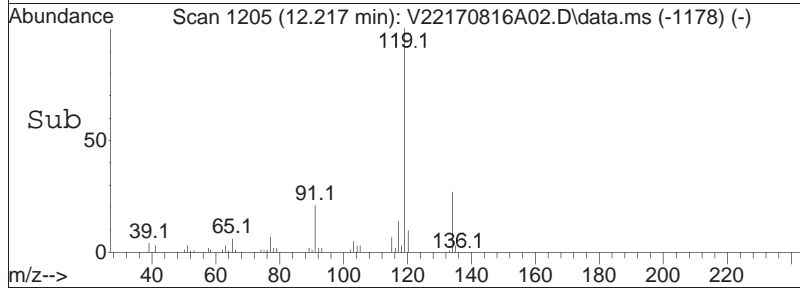
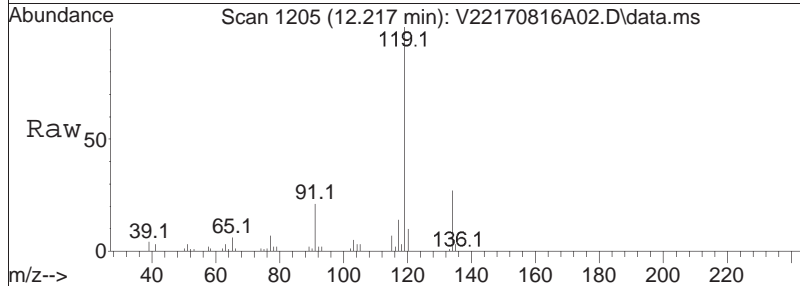
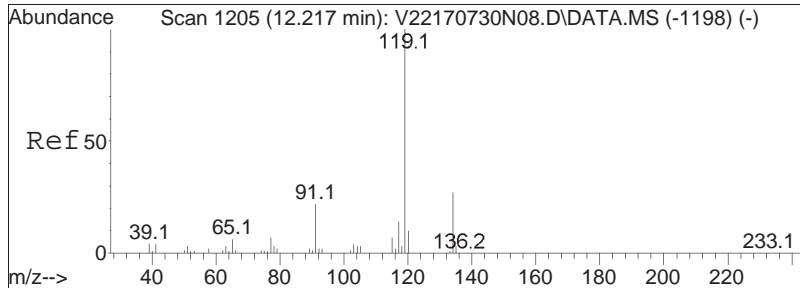




#102
 sec-Butylbenzene
 Concen: 11.00 ug/L
 RT: 12.062 min Scan# 1184
 Delta R.T. -0.000 min
 Lab File: V22170816A02.D
 Acq: 16 Aug 2017 08:44 am

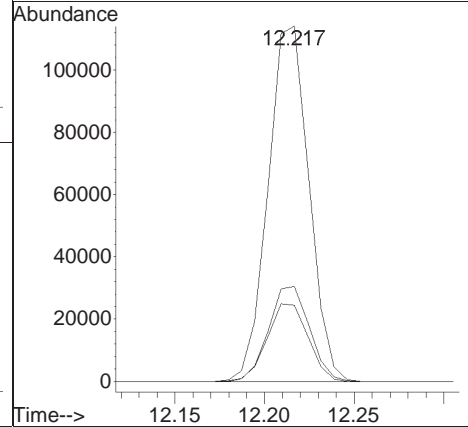
Tgt Ion	Resp	Lower	Upper
105	100		
134	21.0	13.9	28.9

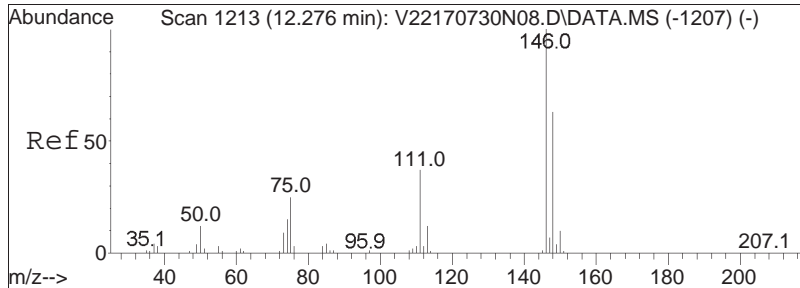




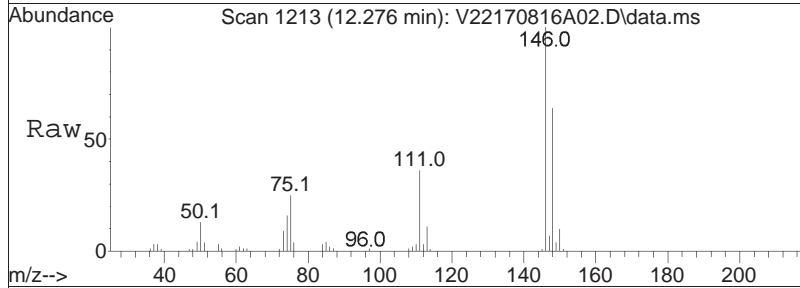
#103
 p-Isopropyltoluene
 Concen: 10.98 ug/L
 RT: 12.217 min Scan# 1205
 Delta R.T. -0.000 min
 Lab File: V22170816A02.D
 Acq: 16 Aug 2017 08:44 am

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.8	17.7	36.7
91	22.0	14.1	29.3

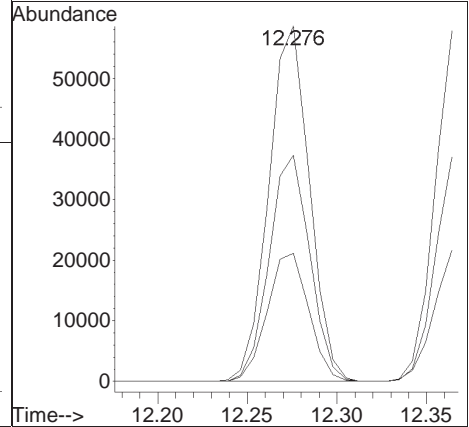
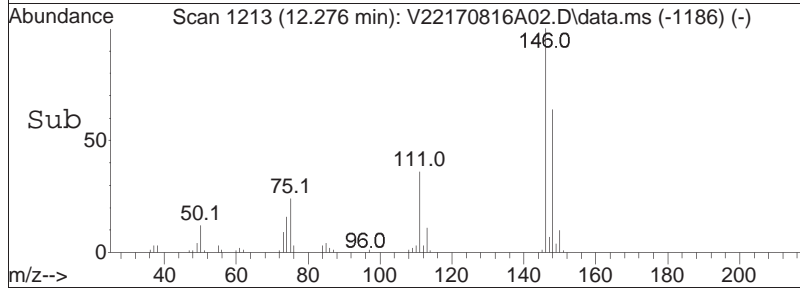


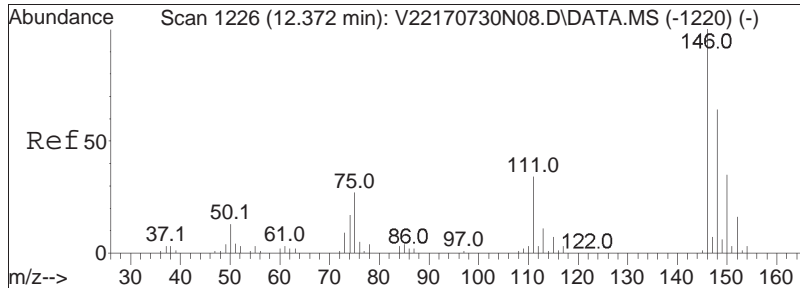


#104
 1,3-Dichlorobenzene
 Concen: 10.58 ug/L
 RT: 12.276 min Scan# 1213
 Delta R.T. -0.000 min
 Lab File: V22170816A02.D
 Acq: 16 Aug 2017 08:44 am



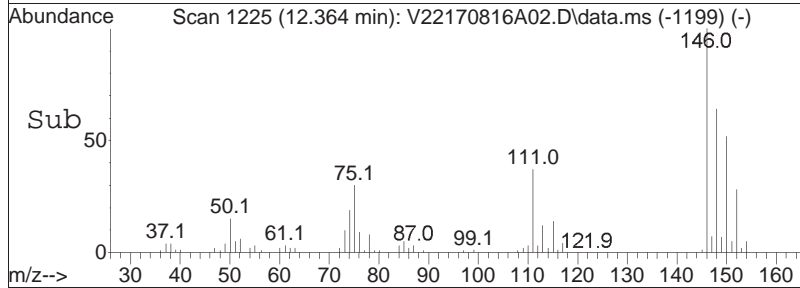
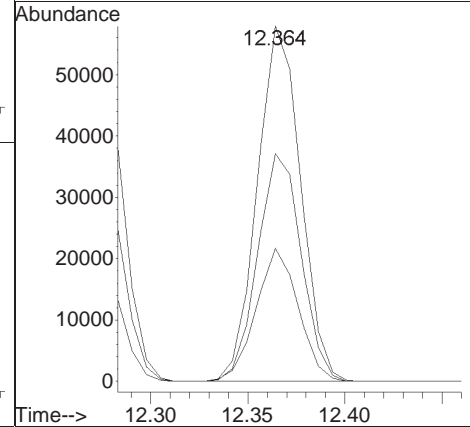
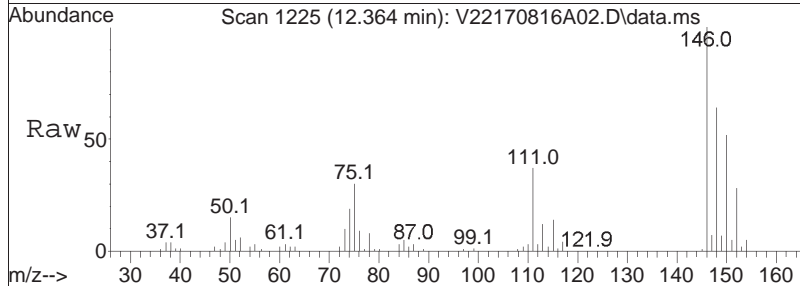
Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.8	24.0	49.8
148	63.6	41.8	86.8

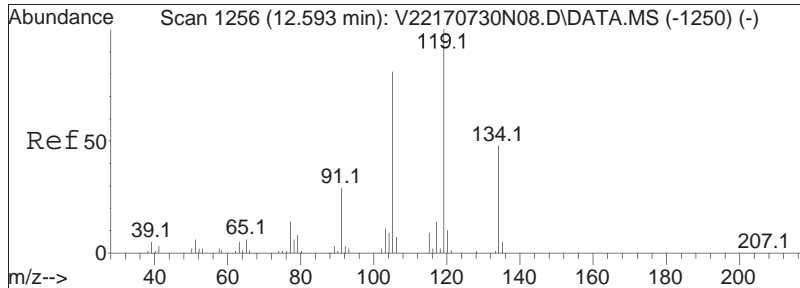




#105
 1,4-Dichlorobenzene
 Concen: 10.40 ug/L
 RT: 12.364 min Scan# 1225
 Delta R.T. -0.008 min
 Lab File: V22170816A02.D
 Acq: 16 Aug 2017 08:44 am

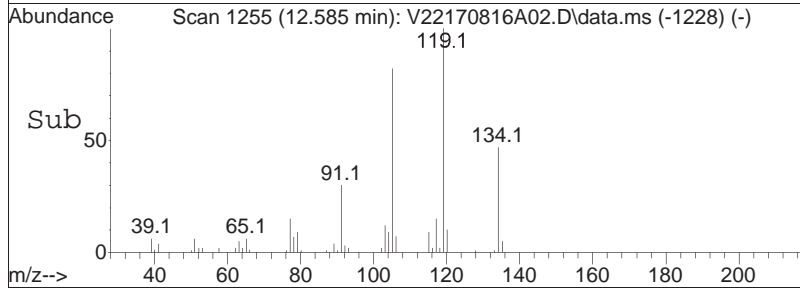
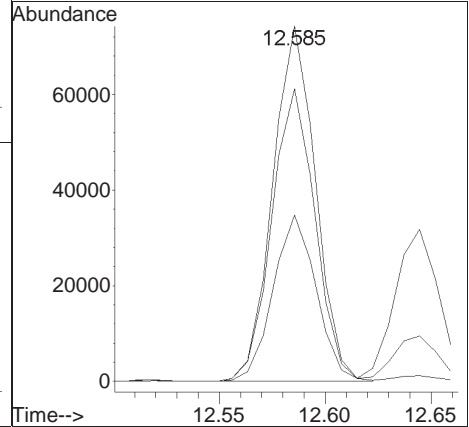
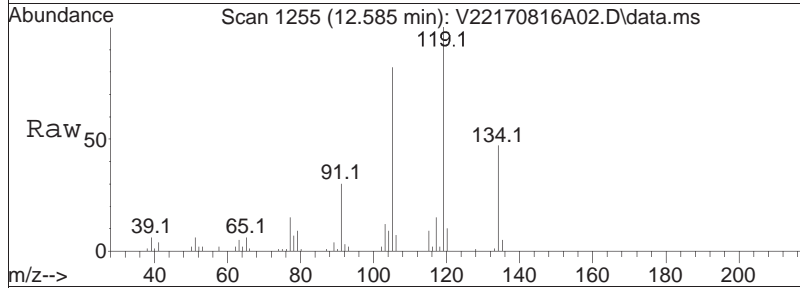
Tgt Ion	Resp	Lower	Upper
146	100		
111	36.6	28.9	43.3
148	64.6	51.4	77.2

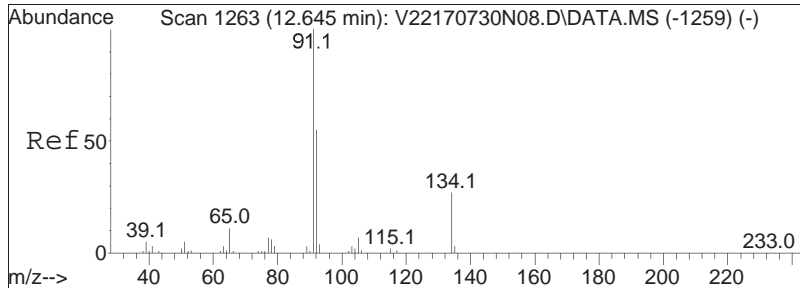




#106
 p-Diethylbenzene
 Concen: 10.90 ug/L
 RT: 12.585 min Scan# 1255
 Delta R.T. -0.001 min
 Lab File: V22170816A02.D
 Acq: 16 Aug 2017 08:44 am

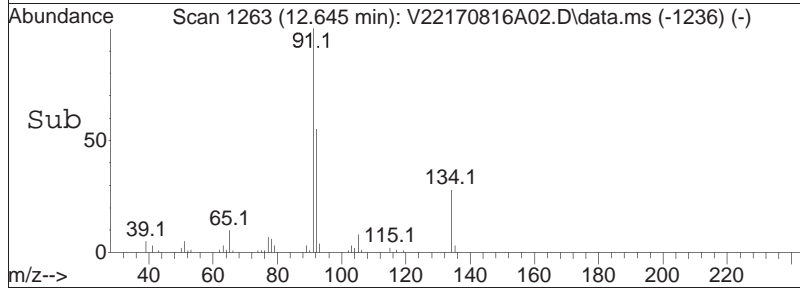
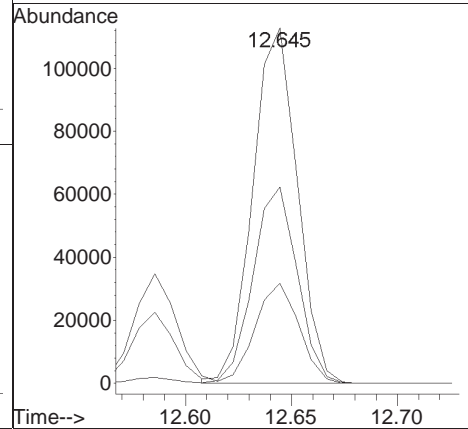
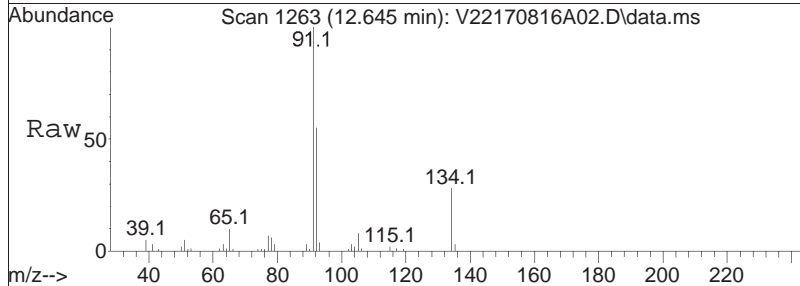
Tgt Ion	Resp	Lower	Upper
119	104223		
105	83.4	53.4	110.8
134	47.1	30.9	64.1

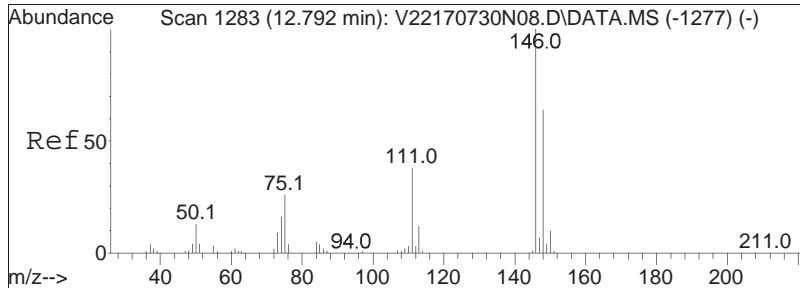




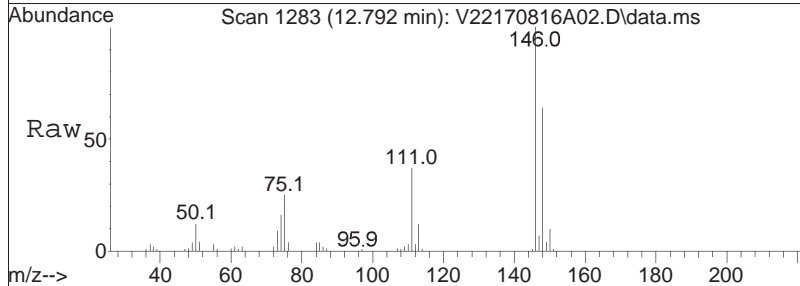
#107
 n-Butylbenzene
 Concen: 11.45 ug/L
 RT: 12.645 min Scan# 1263
 Delta R.T. -0.000 min
 Lab File: V22170816A02.D
 Acq: 16 Aug 2017 08:44 am

Tgt Ion:	Resp:		
Ion	Ratio	Lower	Upper
91	100		
92	55.0	44.6	66.8
134	27.7	22.9	34.3

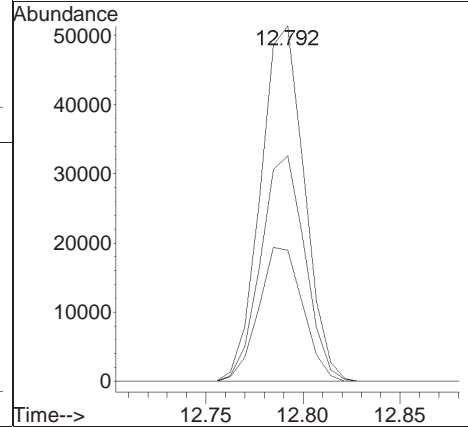
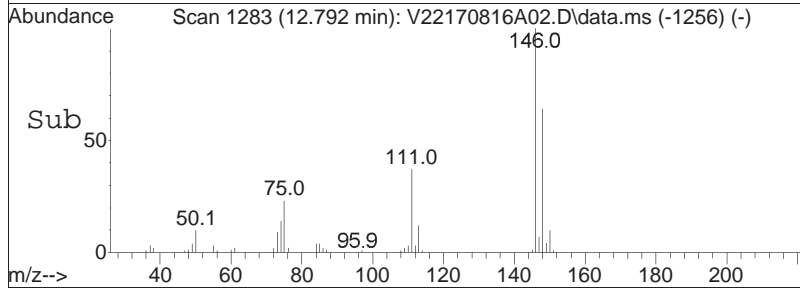


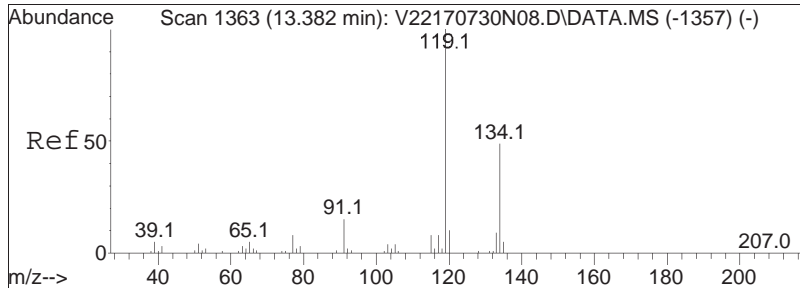


#108
 1,2-Dichlorobenzene
 Concen: 10.26 ug/L
 RT: 12.792 min Scan# 1283
 Delta R.T. 0.000 min
 Lab File: V22170816A02.D
 Acq: 16 Aug 2017 08:44 am



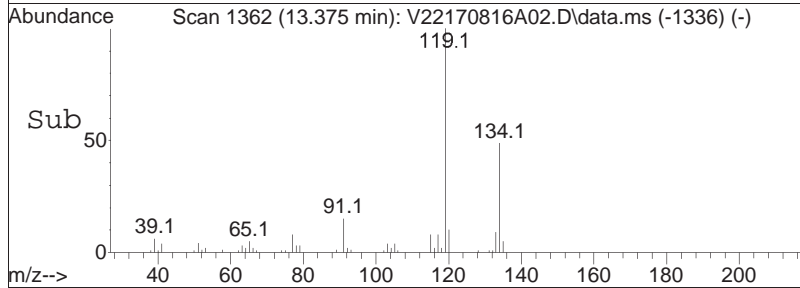
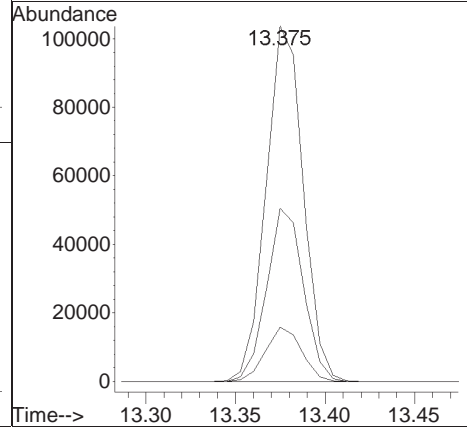
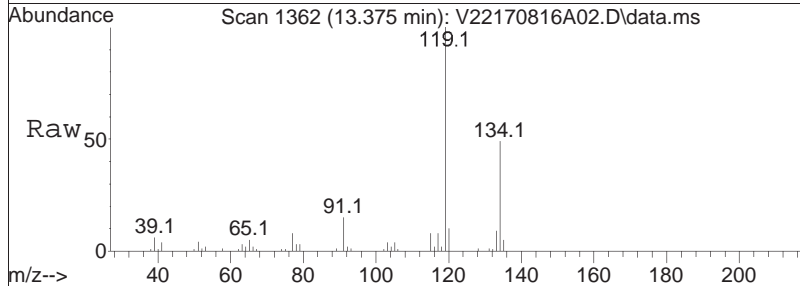
Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.0	24.8	51.6
148	63.9	42.2	87.6

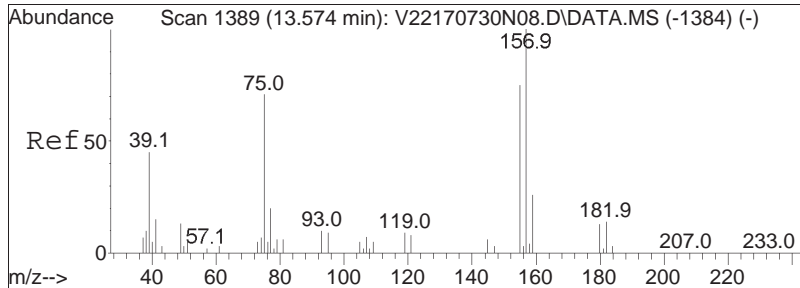




#109
 1,2,4,5-Tetramethylbenzene
 Concen: 10.55 ug/L
 RT: 13.375 min Scan# 1362
 Delta R.T. -0.007 min
 Lab File: V22170816A02.D
 Acq: 16 Aug 2017 08:44 am

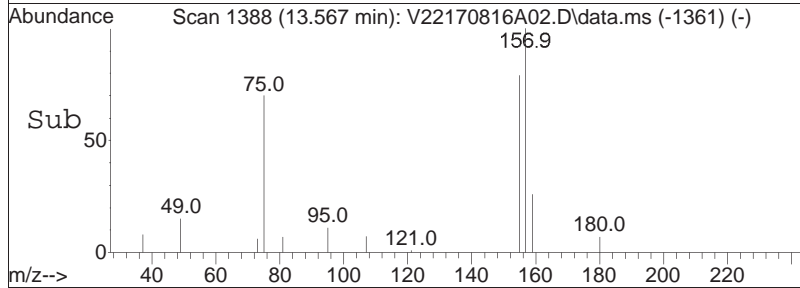
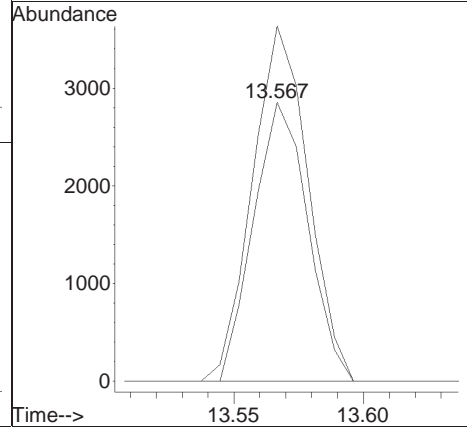
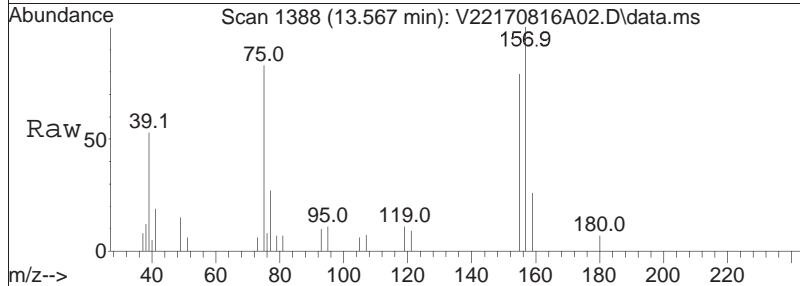
Tgt Ion	Resp	Lower	Upper
119	149007		
119	100		
134	48.3	31.9	66.1
91	14.9	9.8	20.3

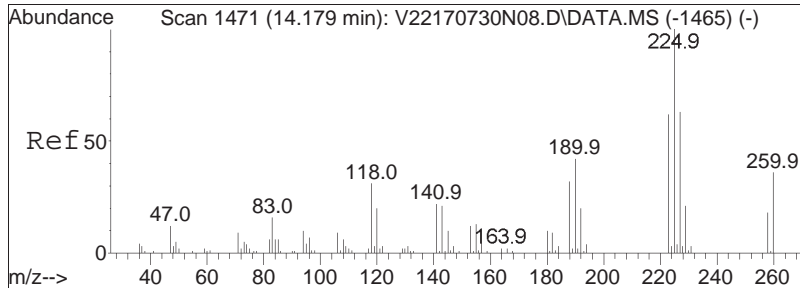




#110
 1,2-Dibromo-3-chloropropane
 Concen: 9.12 ug/L
 RT: 13.567 min Scan# 1388
 Delta R.T. -0.000 min
 Lab File: V22170816A02.D
 Acq: 16 Aug 2017 08:44 am

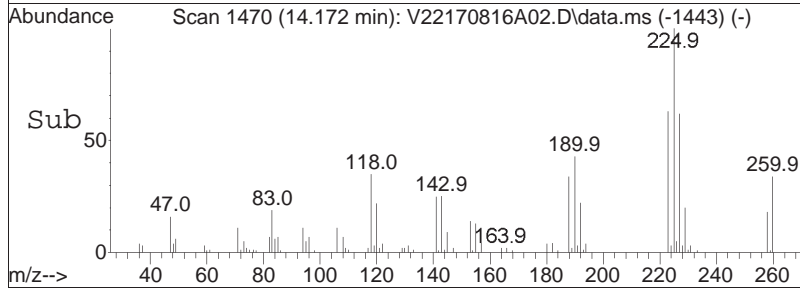
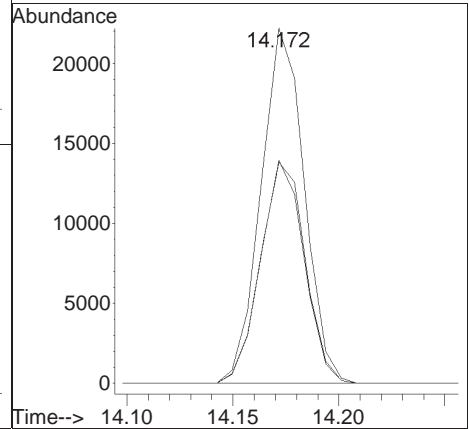
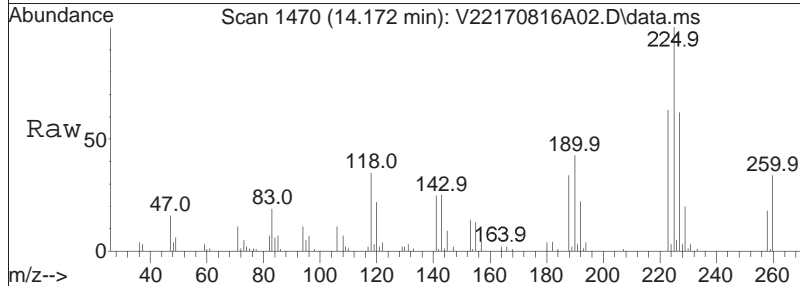
Tgt Ion: 155 Resp: 4176
 Ion Ratio Lower Upper
 155 100
 157 130.5 102.3 153.5

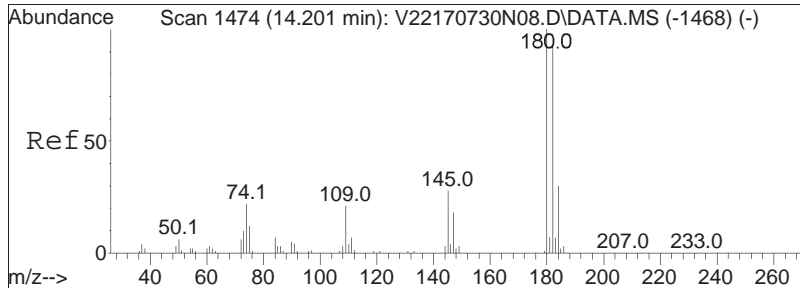




#112
 Hexachlorobutadiene
 Concen: 10.70 ug/L
 RT: 14.172 min Scan# 1470
 Delta R.T. -0.000 min
 Lab File: V22170816A02.D
 Acq: 16 Aug 2017 08:44 am

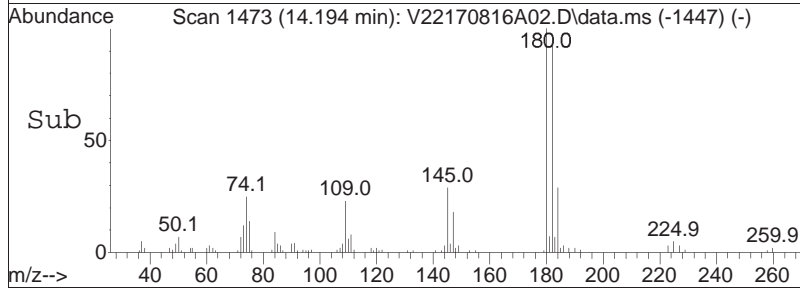
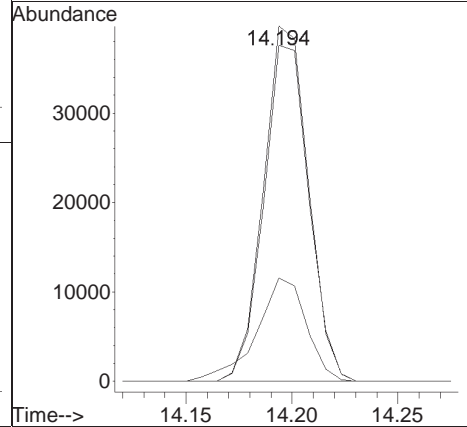
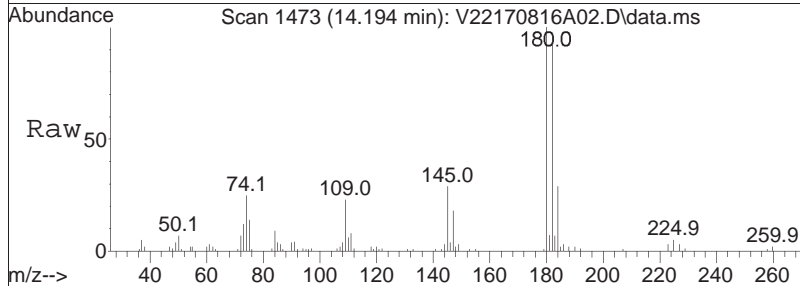
Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	49.8	74.8
227	64.6	52.2	78.4

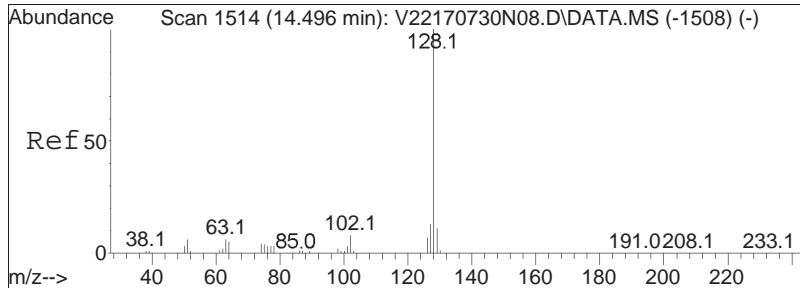




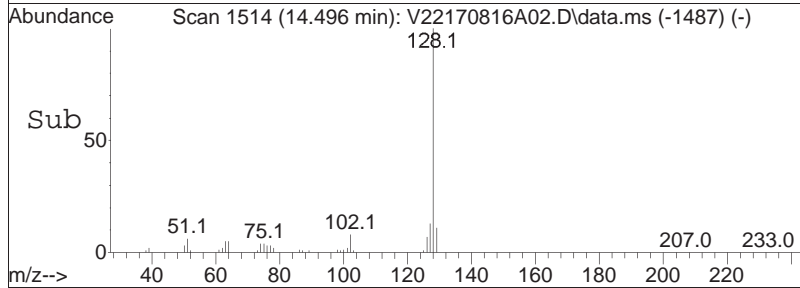
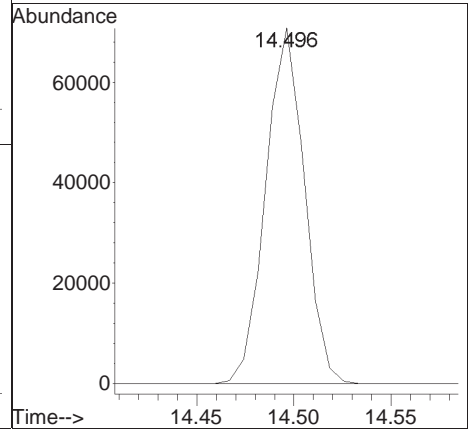
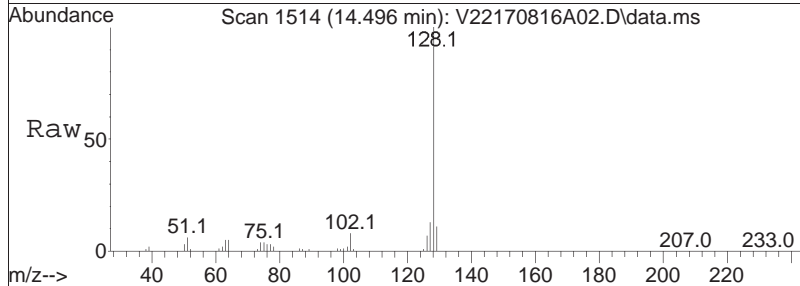
#113
 1,2,4-Trichlorobenzene
 Concen: 10.13 ug/L
 RT: 14.194 min Scan# 1473
 Delta R.T. -0.007 min
 Lab File: V22170816A02.D
 Acq: 16 Aug 2017 08:44 am

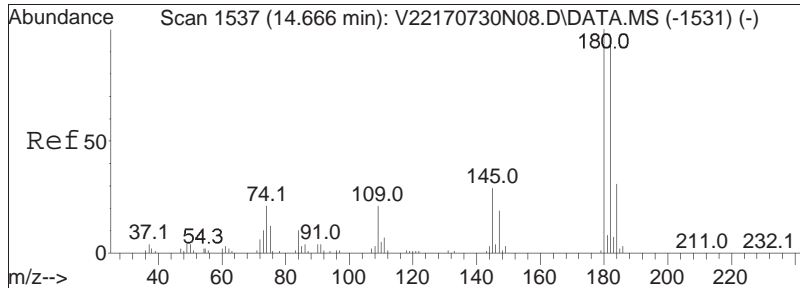
Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	76.6	114.8
145	32.3	25.5	38.3





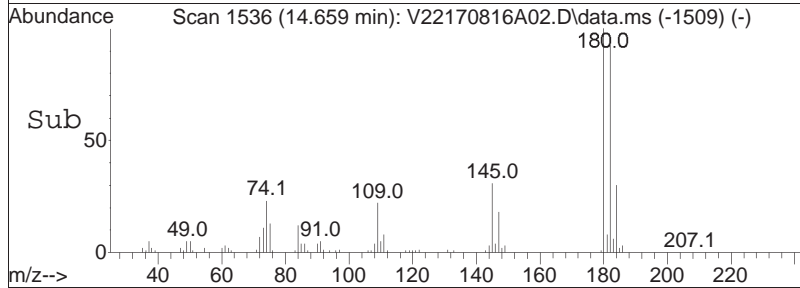
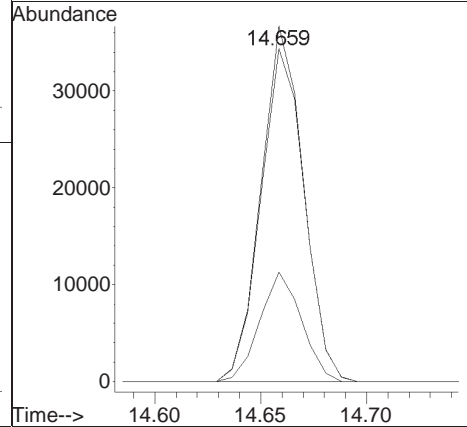
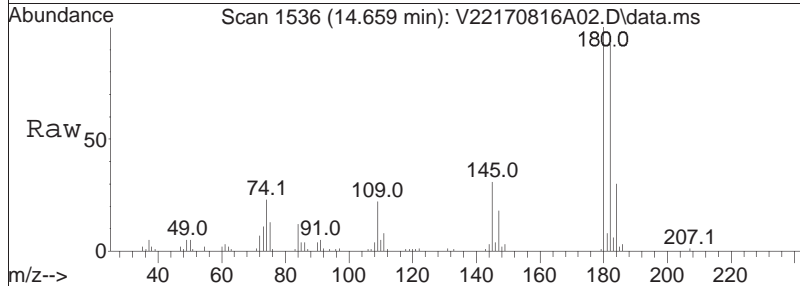
#114
 Naphthalene
 Concen: 9.59 ug/L
 RT: 14.496 min Scan# 1514
 Delta R.T. 0.000 min
 Lab File: V22170816A02.D
 Acq: 16 Aug 2017 08:44 am
 Tgt Ion:128 Resp: 98049





#115
 1,2,3-Trichlorobenzene
 Concen: 9.78 ug/L
 RT: 14.659 min Scan# 1536
 Delta R.T. -0.000 min
 Lab File: V22170816A02.D
 Acq: 16 Aug 2017 08:44 am

Tgt Ion	Resp	Lower	Upper
180	100		
182	96.2	76.0	114.0
145	30.2	23.8	35.8



Manual Integration Report

Data Path : I:\VOLATILES\VOA122\2017\1QMethod : V122_170804A_8260.m
Data File : V22170816A02.D Operator : VOA122:PD
Date Inj'd : 8/16/2017 8:44 am Instrument : VOA122
Sample : WG1032492-4,31,10,10 Quant Date : 8/16/2017 9:08 am

There are no manual integrations or false positives in this file.



Calculation of Volatile Organic Compounds

Aqueous Concentration Formula: $Amt * DF * Uf * (1/Vo)$

Where:

DF = Dilution Factor

Vo = Sample Volume Purged (mL)

Uf = ng Unit Correction Factor (mL)

Soil Concentration Formula: $Amt * DF * (1/Wt)$

Where:

DF = Dilution Factor

Wt = Weight of Sample (g)



ALPHA ANALYTICAL LABORATORIES, INC.

Alpha WORK GROUP REPORT (wk02)

Aug 16 2017, 04:01 pm

Work Group: WG1031945 for Department: 31 GC/MS - Volatiles

Created: 15-AUG-17 Due: Operator: PD

Sample	Client ID	C Product	Matrix	Stat	UA	HOLD	DUE	PR	Location
L1727920-01	SLD64	S NYTCL-8260	WATER	DONE	U	0824	0821	S0	Vial-B
L1727920-02	TRIP BLANK	S NYTCL-8260	WATER	DONE	U	0824	0821	S0	Vial-B
L1727960-06	TW-5	S NYTCL-8260	WATER	DONE	U	0824	0817	S0	Vial-B
L1727963-05	PZ-08	S NYTCL-8260	WATER	DONE	U	0824	0817	S0	Vial-B
L1727963-06	PZ-09	S NYTCL-8260	WATER	DONE	U	0824	0817	S0	Vial-B
L1727963-07	PZ-10	S NYTCL-8260	WATER	DONE	U	0824	0817	S0	Vial-B
L1727963-08	EQUIPMENT BLANK	S NYTCL-8260	WATER	DONE	U	0824	0817	S0	Vial-B
L1728063-01	MW-1	S NYTCL-8260	WATER	DONE	U	0824	0818	S0	Vial-B
L1728063-03	MW-3	S NYTCL-8260	WATER	DONE	U	0824	0818	S0	Vial-B
L1728063-04	TB	S NYTCL-8260	WATER	DONE	U	0823	0818	S0	Vial-B
L1728063-05	FB	S NYTCL-8260	WATER	DONE	U	0824	0818	S0	Vial-B
WG1031945-1	MS BFB Tune Standard	S NYTCL-8260	WATER	DONE	U				
WG1031945-2	Continuing Calibrati	S NYTCL-8260	WATER	DONE	U				
WG1031945-3	Laboratory Control S	S NYTCL-8260	WATER	DONE	U				
WG1031945-4	LCS Duplicate	S NYTCL-8260	WATER	DONE	U				
WG1031945-5	Laboratory Method Bl	S NYTCL-8260	WATER	DONE	U				
Comments:									
WG1031945-4	WG1031945-3								

ALPHA ANALYTICAL LABORATORIES, INC.

Alpha WORK GROUP REPORT (wk02)

Aug 16 2017, 04:01 pm

Work Group: WG1032492 for Department: 31 GC/MS - Volatiles

Created: 16-AUG-17 Due: Operator: PD

Sample	Client ID	C Product	Matrix	Stat	UA	HOLD	DUE	PR	Location
L1728063-02	MW-2	S NYTCL-8260	WATER	DONE	U	0824	0818	S0	Vial-B
L1728506-02	TB03_081517	S NYTCL-8260	WATER	DONE	U	0829	0822	S0	Vial-B
WG1032492-1	MS BFB Tune Standard	S NYTCL-8260	WATER	DONE	U				
WG1032492-2	Continuing Calibrati	S NYTCL-8260	WATER	DONE	U				
WG1032492-3	Laboratory Control S	S NYTCL-8260	WATER	DONE	U				
WG1032492-4	LCS Duplicate	S NYTCL-8260	WATER	DONE	U				
WG1032492-5	Laboratory Method Bl	S NYTCL-8260	WATER	DONE	U				
Comments:									
WG1032492-4	WG1032492-3								

Inst: VOA122
Initials: NL
Date: 08/04/17
Run: A

BFB: 6213
IS/SS: 6230
ICAL: V6266, V6264
ICV: V6233, V6257, V6255, V6231, V6256, V6232

Method
GC: 8260_WATER
Autosampler: 8260WATER
Concentrator: 8260



QC: _____ Seq: _____

Vial	Data File	Sample	obs
1	V22170804ABF1	BFB	
1	V22170804A01	BLK	
2	V22170804A02	BLK	
3	V22170804A03	ISTDL11	
4	V22170804A04	ISTDL1	
5	V22170804A05	ISTDL1	
6	V22170804A06	ISTDL2	
7	V22170804A07	ISTDL2	
8	V22170804A08	ISTDL3	
9	V22170804A09	ISTDL4	
10	V22170804A10	ISTDL6	
11	V22170804A11	ISTDL8	
12	V22170804A12	ISTDL10	
13	V22170804A13	BLK	
14	V22170804A14	BLK	
15	V22170804A15	BLK	
16	V22170804A16	BLK	
17	V22170804A17	BLK	
18	V22170804A18	CSTD3	
19	V22170804A19	CSTD3	
20	V22170804A20	BLK	

Inst: VOA122
 Initials: MKS
 Date: 08/14/17
 Run: A

BFB: V6213
 IS/SS: V6230
 ICAL: V6266, V6264
 ICV: V6233, V6257, V6255, V6231, V6256, V6232

Method
 GC: 8260_WATER
 Autosampler: 8260WATER
 Concentrator: 8260



QC: _____ Seq: _____

Vial	Data File	Sample		obs
1	V22170813ABF1	BFB TUNE		
1	V22170813A01	8260 CCAL	LCS	
2	V22170812A02	8260 CCAL	LcSD	
3	V22170812A03	8260 CCAL		
4	V22170814A04	BLK		
5	V22170814A05	METHOD BLK		
6	V22170814A06	I1728008-01,31,10,10,,a	ME8260	pH<2
7	V22170814A07	I1728008-02,31,10,10,,a	ME8260	pH<2
8	V22170814A08	I1728008-03,31,10,10,,a	ME8260	pH<2
9	V22170814A09	I1727883-05,31,10,10,,a	ME8260	pH<2
10	V22170814A10	I1728120-02,31,10,10,,a	ME8260	pH<2
11	V22170814A11	I1727963-08,31,10,10,,a	NYTCL/FullNarr	pH<2
12	V22170814A12	I1727963-05,31,10,10,,a	NYTCL/FullNarr	pH<2
13	V22170814A13	I1727963-06,31,10,10,,a	NYTCL/FullNarr	pH<2
14	V22170814A14	I1727963-07,31,10,10,,a	NYTCL/FullNarr	pH<2
15	V22170814A15	I1727960-06D,31,0.5,10,,a	NYTCL	pH<2
16	V22170814A16	I1728063-01D,31,0.1,10,,a	NYTCL	pH<2
17	V22170814A17	I1728063-03,31,10,10,,a	NYTCL	pH<2
18	V22170814A18	I1728063-04,31,10,10,,a	NYTCL	pH<2
19	V22170814A19	I1728063-05,31,10,10,,a	NYTCL	pH<2
20	V22170814A20	I1727920-02,31,10,10,,a	NYCURVE	pH<2
21	V22170814A21	I1727920-01,31,10,10,,a	NYCURVE	pH<2
22	V22170814A22	I1728143-01,31,10,10,,a	8260 CURVE	pH<2
23	V22170814A23	I1728143-02,31,10,10,,a	8261 CURVE	pH<2
24	V22170814A24	I1728143-03,31,10,10,,a	8262 CURVE	pH<2
25	V22170814A25	I1727613-01D,31,1,10,,a	8260/Eaonly	pH<2

Inst: VOA122
 Initials: PD
 Date: 08/16/17
 Run: A

BFB: V6213
 IS/SS: V6230
 ICAL: V6266, V6264
 ICV: V6233, V6257, V6255, V6231, V6256, V6232

Method
 GC: 8260_WATER
 Autosampler: 8260WATER
 Concentrator: 8260



QC: _____ Seq: _____

Vial	Data File	Sample		obs
1	V22170816ABF1	BFB TUNE	08:02	
1	V22170816A01	8260 CCAL	LCS	
2	V22170816A02	8260 CCAL	LcSD	
3	V22170816A03	8260 CCAL		
4	V22170816A04	BLK		
5	V22170816A05	METHOD BLK		
6	V22170816A06	I1728506-02,31,10,10,,a	NYTCL	pH<2
7	V22170816A07	I1726428-04,31,10,10,,b	8260	pH>2
8	V22170816A08	I1728063-02D,31,0.02,10,,a	NYTCL	pH<2
9	V22170816A09	I1728370-01,31,10,10,,a	8260/AC	pH<2
10	V22170816A10	I1728370-02,31,10,10,,a	8260/AC	pH<2
11	V22170816A11	I1728370-03,31,10,10,,a	8260/AC	pH<2
12	V22170816A12	I1728380-07,31,10,10,,b	8260	pH<2
13	V22170816A13	I1728436-02,31,10,10,,a	8260	pH<2
14	V22170816A14	I1728436-01,31,10,10,,a	8260	pH<2
15	V22170816A15	I1728151-01D,31,1,10,,a	8260	pH<2