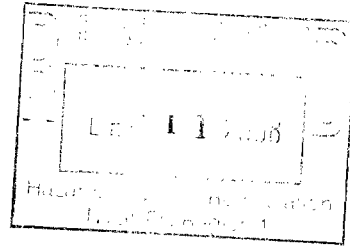


SITE INVESTIGATION REPORT

AT

BAYVILLE VILLAGE CLEANERS
290 BAYVILLE AVENUE
BAYVILLE, NEW YORK 11709

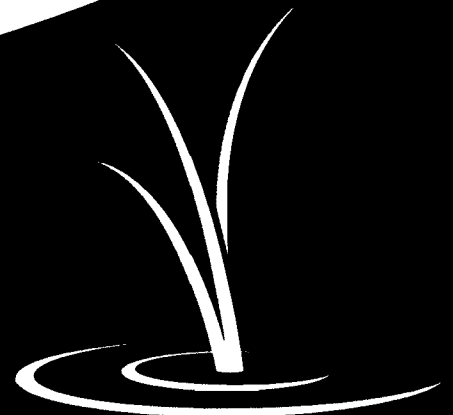


DECEMBER 9, 2008

PREPARED FOR

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
BUILDING 40, SUNY
STONY BROOK, NEW YORK 11790

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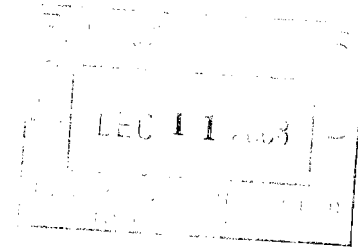


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December 9, 2008
BVC0106

Mr. Jamie Ascher
Engineer Geologist 2
Division of Environmental Remediation
New York State Department of Environmental Conservation
Building 40, SUNY
Stony Brook, New York 11790



Re: Site Investigation Report
Bayville Village Cleaners
290 Bayville Avenue, Bayville, New York 11771
VCP #: V00220-1

Dear Mr. Ascher:

Please find enclosed the *Site Investigation Report* for the Bayville Village Cleaners site located at 290 Bayville Avenue, Bayville, New York.

If you have any questions or require additional information please call (516) 624-7200.

Very Truly Yours,

Walden Associates

Peter Brighton
Project Manager

Joseph M. Heaney III, P.E.
Principle

cc: Tom Ryan

L:\Bayville Cleaners - BVC0106\Site Investigation Report\Site Investigation Report.doc

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1.0 INTRODUCTION

As per the New York State Department of Environmental Conservation (NYSDEC) approved *Revised Site Investigation Work Plan* dated May 17, 2007, Walden Environmental Engineering, PLLC (Walden) collected soil, groundwater and air/vapor samples at the Bayville Village Cleaners located at 290 Bayville Avenue, Bayville, New York; referred to herein as the Site (See Figure 1: Site Plan).

Walden has completed the sampling activities as outlined within the *Revised Site Investigation Work Plan* to define the nature and extent of the contamination at the Site. The sampling activities were conducted on December 17th and 18th 2007 and February 21st, 22nd and 25th 2008).

This *Site Investigation Report* was developed in accordance with the following:

- NYSDEC's DER-13: "*Strategy for Evaluating Soil Vapor Intrusion at Remedial Sites in New York*"
- NYSDEC's DER-10: "*Technical Guidance for Site Investigation and Remediation*"
- NYSDEC's "*Voluntary Cleanup Program Guide*"
- New York State Department of Health's (NYSDOH's) "*Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York*"

2.0 BACKGROUND

A comprehensive background of the Site, regarding past environmental activities and investigations that were completed from May 1995 through to May 2007 is presented in the *Revised Site Investigation Work Plan* compiled by Walden, dated May 17, 2007, which is bound under a separate cover.

3.0 TOPOGRAPHY, GEOLOGY & HYDROLOGY

The topography of the Site was observed to be slightly sloping down from the east to the west. The geology was generally observed to consist of asphalt atop tan fine silty sand to approximately 6 feet below grade. Deeper soils were observed to be tan medium sands with traces of gravel through to the soil sample boring endpoints at 10 feet below grade. Groundwater was encountered at an average depth of 10 feet below grade within the soil sample borings.

A groundwater level survey was conducted using a Solinst transducer at the Site on October 1st 2006. No rain events had occurred within 48 hours prior to and during the collection of the data. The collected data was plotted against a tidal chart from the National Oceanic and Atmospheric Administration's (NOAAs) Kings Point, NY weather station (See Figure 2: Groundwater Data Log). The groundwater flow was determined to be tidally influenced at the Site with the generally flow direction to the North.

The Village of Bayville utilizes groundwater from the Lloyd aquifer as its potable drinking source, therefore the groundwater contained within the aquifer sampled (upper glacial) within this report is not utilized for drinking purposes.

4.0 FIELD WORK AND SAMPLING

4.1 Soil Vapor Intrusion Investigation

The soil vapor intrusion (SVI) sampling was conducted within the heating season (November 15th to March 31st), as required by the NYSDOH and NYSDEC SVI guidance, because soil vapor intrusion is more likely to occur when a building's heating system is in operation and doors and windows are closed. All on-site SVI investigation samples were collected from locations defined in the NYSDEC approved site related work plan.

4.1.1 Building Evaluation

A pre-sampling building inspection was performed to identify potential vapor intrusion pathways and determine appropriate sub-slab and indoor air sampling locations. The building was inspected to evaluate the physical layout and conditions and to identify operations and/or materials storage locations (especially historic or current storage or use of volatile chemicals in the dry cleaning operating processes and/or during building maintenance) that may affect or interfere with the proposed sampling or interpretation of the sampling results. Consideration was given to factors such as access for installation/sampling purposes, interior uses of the building, foundation/floor slab installation, heating/ventilation/mechanical system operation and utility layout/breaches.

The on-site building consists of a slab-on-grade floor with concrete block and brick walls. The NYSDOH guidance states that sub-slab vapor probes should be installed at locations where the potential for ambient air infiltration from floor penetrations is minimal. Accordingly, the building floor was inspected prior to installation of the sub-slab vapor probe and any observed penetrations (cracks, floor drains, utility perforations, sumps, etc.) were noted and recorded. The building foundation and floors in the areas of the sample locations were noted to be in good condition with no evidence of any preferential pathways.

To reduce the potential for interference and dilution effects of samples, the building tenants were notified in advance of sampling to ensure that the occupants avoided the following activities within 24 hours prior to sampling wherever possible:

- Opening any windows, dampers, openings or vents;
- Operating ventilation fans unless special arrangements are made;
- Smoking in the building;
- Painting;
- Using any auxiliary heating equipment (e.g., kerosene heater);
- Operating or storing automobile(s) in an attached garage;
- Allowing containers of gasoline or oil to remain within the building or garage area, except for fuel oil tanks;
- Cleaning, waxing or polishing furniture, floors or other woodwork with petroleum or oil-based products;
- Lawn mowing, paving with asphalt, or snow blowing;
- Applying pesticides;
- Using building repair or maintenance products, such as caulk or roofing tar.

Based on the operations of the business at the Site the following could not be wholly eliminated at the time of sampling (either due to current activities or residuals):

- Using air fresheners, scented candles or odor eliminators;
- Engaging in any activities that use materials containing volatile chemicals;
- Using cosmetics including hairspray, nail polish, nail polish removers, perfume/cologne, etc.;
- Bringing freshly dry-cleaned clothing or furnishings into the building.

The heating system for the building at the Site was maintained at normal indoor air temperatures (i.e., 65 – 75 °F) prior to and during indoor air sampling.

An indoor air quality questionnaire and building inventory was completed prior to sampling. Copies of the completed questionnaire for the on-site building are provided in Appendix A.

4.1.2 Air Sampling

On February 22nd 2008, two air samples were collected at the Site (See Figure 3: Soil Vapor & Air Sampling Locations): one (1) indoor air sample (I-1) and one (1) outdoor air (O-1) sample.

The indoor air sample (I-1) was collected at approximately the same sampling location as the sub-slab vapor sample location and at a height approximately 3.5 feet above the floor to represent the height of the breathing zone of a working occupant, as per the NYSDOH Guidance.

All air samples were collected concurrently to obtain samples comparable to ambient conditions at the site over a period of eight hours. The outdoor air sample location was selected in the field and sited upwind of the other sampling locations. Prior to sampling at each location, a pressure gauge was used to check the Summa[®] canister for vacuum and the pressure was recorded.

4.1.3 Soil Gas Sampling

On February 22nd and 25th 2008, five (5) soil gas samples (SV-1 through SV-5) were collected at the Site at a depth of 3 feet below grade (See Figure 3: Soil Vapor & Air Sampling Locations).

Zebra Environmental Corp. (Zebra) utilized a track-mounted hydraulic direct push Geoprobe with a stainless steel screen to advance borings to the 3 foot below grade depth interval required for the soil gas sampling. Prior to sampling at each location, a pressure gauge was used to check the Summa[®] canister for vacuum and the pressure was recorded. All soil gas samples were collected using dedicated inert polyethylene tubing that was inserted within the stainless steel screen and risers of the Geoprobe equipment. The tubing was set at set at 3 foot below grade, purged with a Photo-ionization detector (PID) (3 volumes) and connected to the Summa[®] canister for sampling.

4.1.4 Sub-Slab Vapor Sampling

On February 22nd 2008, one (1) sub-slab soil vapor sample (SS-1) was collected from the soil vapor point installed within the concrete floor at the Site (See Figure 3: Soil Vapor & Air Sampling Locations).

In accordance with NYSDOH guidance, permanent recessed brass sampling probes were installed on December 18th 2007 for the sub-slab vapor sampling location. A rotary hammer drill was utilized to drill a small diameter hole (approximately one inch) through the concrete floor slab and into sub-slab material approximately two (2) inches below the bottom of the floor slab to make an open cavity in the sub-slab material to prevent obstruction of probes by small pieces of gravel that may be present.

The concrete and soil cuttings were removed from each of the holes and a probe constructed from small-diameter threaded brass pipe and connectors/fittings were installed into the drilled hole, no more than two (2) inches into the sub-slab material. The top of each probe was completed flush with the top of the concrete slab with a brass plug. Each implant was sealed to the surface with hydraulic cement and clay as a permanent installation. For sampling purposes, a threaded fitting connected to inert polyethylene tubing was inserted into the sampling port for connection to the Summa[®] canister. Prior to sampling, the tubing was purged with a PID (3 volumes), connected to the Summa[®] canister and a pressure gauge was used to check the Summa[®] canister for vacuum and the pressure was recorded.

4.2 Groundwater Sampling

4.2.1 Monitoring Well Sampling

Four (4) groundwater samples (MW-1 through MW-4) were collected from the existing on-site monitoring wells, MW-1 through MW-4 (See Figure 4: Groundwater Sampling Locations). On December 17, 2007, groundwater samples were collected from monitoring wells MW-1, MW-2 and MW-4. On December 18, 2007, Walden used a metal detector to locate monitoring well MW-3 which had been paved over with asphalt. Walden removed the covering layer of asphalt

and uncovered MW-3 and subsequently collected the groundwater sample. See Appendix B for Site Photographs.

4.2.2 Deep Groundwater Sampling

A total of eight (8) groundwater samples were collected between February 21 and 22, 2008, adjacent to the existing on-site monitoring wells. Zebra Environmental Corp. (Zebra) utilized a track-mounted hydraulic direct push Geoprobe with stainless steel screens to advance borings to the 25 and 50 foot intervals required for the groundwater sampling. Four (4) groundwater samples (MW-1A, MW-2A, MW-3A and MW-4A) were collected at 25 feet below grade adjacent to each monitoring well, and four (4) groundwater samples (MW-1B, MW-2B, MW-3B and MW-4B) were collected at 50 feet below grade, also adjacent to each monitoring well (See Figure 3: Groundwater Sampling Locations).

4.3 Septic System Leaching Pool Sampling

Two samples were collected from within the on-site leaching pool (See Figure 1): one (1) sediment (LP-1) and one (1) water sample (LP-2). The sediment sample was collected on December 18, 2007 utilizing hand auger methods to advance a soil boring within the leaching pool sediment to collect a sediment sample below the invert. Due to the standing water present within the leaching pool, a water sample (LP-2) was also collected utilizing a dedicated 2-inch polyethylene bailer.

Walden observed that approximately 6.5 foot of standing water (from 3.5 feet through 10 feet below grade) was present within the leaching pool upon removal of the leaching pool cleanout pipe plug. The sandy bottom of the leaching pool was observed at 10 foot below grade, and a sediment sample (LP-1) was collected from these sediments at 10-11 feet below grade. The PID reading of the collected sediment sample indicated a Volatile Organic Compound (VOC) concentration of 1.5 parts per million (ppm in calibrant gas equivalents).

4.4 Storm Drain Sampling

One (1) sediment sample, labeled SD-1 was collected from within the storm drain located in the northwestern corner of the Site. On December 18, 2007, Walden utilized hand auger methods to advance a soil boring within the storm drain sediments and to collect a representative sediment sample. Walden observed that approximately 1.5 foot of standing water was present within the storm drain upon removal of the manhole cover (from 4.5 through 6 feet below grade) (See Appendix B for Site Photographs). Below the standing water, a decomposed 2 feet thick (from 6 through 8 feet below grade) organic layer (leaves etc.) was observed. Below the organic layer, gravelly sand was observed through to the soil boring end point of 12 feet below grade. The soil boring could not be advanced past 12 feet below grade due to the sidewalls of the soil boring collapsing.

During the soil boring to a depth of 12 feet below grade, the sediment was screened continuously with a PID. The PID readings of the collected sediment samples indicated that the highest VOC concentration was detected at 1.5 ppm (in calibrant gas equivalents) within the sediments ranging from 8-9 feet below grade. Therefore, at this interval (8-9 feet below grade), the sediments were collected and forwarded to the analytical laboratory for analysis. See Figure 6 for the Storm Drain Schematic.

4.5 Residual Soil Contamination Sampling

Eight (8) subsurface borings (SB-01 through SB-08) were drilled throughout the Site on February 21st and 22nd, 2008 (See Figure 5: Soil Boring Locations). Zebra utilized a track-mounted hydraulic direct push Geoprobe with hollow stem augers. Walden followed the sampling methodology set forth within the NYSDEC approved site related work plan of collecting one soil sample which either exhibited the highest PID reading during the head space screening or the deepest unsaturated soil sample. A total of eight (8) samples were collected for analysis.

During the subsurface borings, the soils were screened continuously with a PID. Generally the PID readings collected from the soil samples exhibited non-detectable PID readings.

4.6 Photo Ionization Detector Calibration

In accordance with the manufactures recommendations, the PID was calibrated using both fresh air calibration (zero point) and single sensor calibration (second point). Single sensor calibration was conducted by applying a known amount of reference gas (isobutylene at 100 ppm) to the sensor.

5.0 SAMPLE HANDLING AND ANALYSIS

All of the air, soil gas and sub-slab vapor samples were collected in accordance with the NYSDEC's *DER-13: "Strategy for Evaluating Soil Vapor Intrusion at Remedial Sites in New York"*, NYSDOH's *"Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York"* and the NYSDEC approved Quality Assurance Project Plan (QAPP) within the site related work plan and analyzed for VOCs in accordance with USEPA Method TO-15. The collected air, soil gas and sub-slab vapor samples were collected within laboratory supplied certified clean 6 liter Summa[®] canisters, accompanied by chain-of-custody documentation and transported to Columbia Analytical Services, Inc. (Columbia) at 2665 Park Center Drive, Suite D, Simi Valley, CA. See Appendix C for the laboratory analytical data sheets.

All soil, water and groundwater samples were collected in accordance with USEPA Method SW-846: *"Test Methods for Evaluating Solid Waste"* and analyzed for VOCs in accordance with USEPA Method 8260. The collected soil, water and groundwater samples were placed in laboratory-supplied glassware, packed in ice-filled coolers, accompanied by chain-of-custody documentation and delivered to American Analytical Laboratories, LLC (American) at 56 Toledo Street, Farmingdale, NY or EcoTest Environmental Laboratories, Inc. (EcoTest) at 377 Sheffield Avenue, North Babylon, NY.

6.0 ANALYTICAL RESULTS

6.1 Soil Vapor Intrusion Investigation

6.1.1 Air Samples

The two (2) air samples, I-1 (indoor) and O-1 (outdoor/background) collected were compared to the NYSDOH's Air Guidance Values. A summary of the analytical results for the detected analytes from the air samples I-1 and O-1 are presented in Table 1.

The analytical results of the indoor air sample (I-1) indicated that Tetrachloroethylene (PCE) and Trichloroethylene (TCE) were detected above the laboratory's Minimum Detection Limits (MDLs). Additionally TCE was detected at a concentration of 98 $\mu\text{g}/\text{m}^3$ exceeding the NYSDOH's Air Guidance Value of 5 $\mu\text{g}/\text{m}^3$.

Other VOC compounds including 1,2,4-Trimethylbenzene, 1,4-Dichlorobenzene, 1,4-Dioxane, 2-Propanol, Acetone, Chloromethane, d-Limonene, Ethanol, Ethyl Acetate, Ethylbenzene, Toluene and Xylenes were detected above the laboratories MDLs, however these compounds are not included in the NYSDOH decision matrices nor have any NYSDOH Air Guideline values been established for them. For comparative purposes the indoor air sample was also compared to the USEPA's Building Assessment and Survey Evaluation (BASE) 90th percentile values for indoor air within office and commercial buildings within Table 1. See Appendix E for the detected VOC compound chemical uses in consumer products, building materials or furnishings.

Analytical results of the outdoor air sample (O-1) indicated that several VOCs were detected at low concentrations above the laboratory's MDLs, none of the VOCs detected are listed in the NYSDOH's Air Guidance Values. All of the VOCs detected were observed to be below the EPA's BASE guidance outdoor air values. A summary of the analytical results for the detected analytes from the outdoor air sample O-1 is presented in Table 1. For comparative purposes the outdoor air sample was also compared to the USEPA's BASE 90th percentile values for outdoor air within Table 1.

6.1.2 Soil Gas Samples

Five (5) soil gas samples were collected at the Site surrounding the existing on-site building (SV-1 through SV-5). A summary of the analytical results for the detected analytes from the soil gas samples SV-1 through SV-5 are presented in Table 2.

Analytical results of the soil gas sampling indicated that several VOC compounds were detected above the laboratory's MDLs. The state of New York specifically does not have any standards, criteria or guidance values for VOC concentrations within subsurface vapors. For comparative purposes the soil gas samples were compared to the NYSDOH Air Guidance Values and USEPA's BASE 90th percentile values for indoor air within office and commercial buildings. Analysis of the soil gas sampling results indicated that PCE (SV-1 through SV-5) and TCE (SV-2 and SV-3) exceed the NYSDOH Air Guidance Values.

6.1.3 Sub-Slab Vapor Sample

One (1) sub-slab vapor sample (SS-1) was collected at the Site. A summary of the analytical results for the detected analytes from the sub-slab vapor sample SS-1 are presented in Table 3

Analytical results of the sub-slab vapor sampling indicated that several VOC compounds were detected above the laboratory's MDLs. The state of New York specifically does not have any standards, criteria or guidance values for VOC concentrations in sub-slab vapors, however the sub-slab vapor sample factors into the NYSDOH decision matrices (See Section 7.1.4: Sub-Slab Vapor\Indoor Air Decision Matrix for further information). For comparative purposes the soil gas samples were compared to the NYSDOH Air Guidance Values and USEPA's BASE 90th percentile values for indoor air within office and commercial buildings. Analysis of the sub-slab vapor sampling results indicated that PCE and TCE exceed the NYSDOH Air Guidance Values.

6.2 Groundwater Sampling

6.2.1 Monitoring Well Samples

The four (4) groundwater samples collected from the existing on-site monitoring wells, MW-1 through MW-4, were compared against the NYSDEC's TAGM #4046 Groundwater Standards (NYSDEC TOGS 1.1.1). A summary of the analytical results for the detected analytes from the groundwater samples collected from the on-site monitoring wells are presented in Table 4.

Analytical results of the groundwater samples indicated that VOC compounds Chloroform and PCE were detected above the laboratory's MDLs.

Chloroform that was detected within MW-1 and MW-2 were observed to be below the NYSDEC's Groundwater Standards. PCE was detected within monitoring wells MW-2 (2ppb) and MW-3 (2.6ppb) below the NYSDEC's Groundwater Standards; however the PCE concentration detected within monitoring well MW-4 (6.4ppb) was detected above the NYSDEC's Groundwater Standards of 5ppb. Note: Although Methylene Chloride was detected within MW-3, Methylene Chloride also detected within the laboratory analytical blank.

6.2.2 Deep Groundwater Samples

The eight (8) deep groundwater samples collected were compared against the NYSDEC's TAGM #4046 Groundwater Standards (NYSDEC TOGS 1.1.1). A summary of the analytical results for the detected analytes from the deep groundwater samples MW-1A through MW4A and MW-1B through MW-4B are presented in Table 5. Analytical results of the groundwater samples indicated that VOC compounds Chloroform (MW-2A) and Toluene (MW-4B) were detected above the laboratory's MDLs; however, both detected VOC compounds were observed to be below their respective NYSDEC' Groundwater Standards.

6.3 Septic System Leaching Pool Samples

The sediment sample (LP-1) collected was compared to the NYSDEC's Part 375 Environmental Remediation Programs Soil Cleanup Objectives (Part 375 SCOs). A summary of the analytical

results for the detected analytes from the sediment (LP-1) sample collected from the septic system leaching pool are presented in Table 6. Analytical results of the sediment sample indicated that VOC compounds 1,2,4,5-Tetramethylbenzene, 1,2,4-Trimethylbenzene, Methylene Chloride, n-Butylbenzene, n-Propylbenzene, p-Ethyltoluene and Toluene were detected above the laboratory's MDLs; however, all of the detected VOC compounds were observed to be below both commercial and unrestricted NYSDEC Part 375 SCOs. Note: Methylene Chloride was also detected within the laboratory analytical blank.

The water sample (LP-2) collected was compared to the NYSDEC's TAGM #4046 Groundwater Standards (NYSDEC TOGS 1.1.1). A summary of the analytical results for the detected analytes from the water sample (LP-2) collected from the septic system leaching pool are presented in Table 7. Analytical results of the water sample indicated that VOC compounds 4-Isopropyltoluene and Methylene Chloride were detected above the laboratory's MDLs; however, both detected VOC compounds were observed to be below their respective NYSDEC Groundwater Standards. Note: Methylene Chloride was also detected within the laboratory analytical blank.

6.4 Storm Drain Sample

The sediment sample collected, labeled SD-1, was compared to the NYSDEC's Part 375 SCOs. A summary of the analytical results for the detected analytes in the storm drain sediment sample (SD-1) collected from the storm drain are presented in Table 8. Analytical results of the sediment sample indicated that VOC compounds 1,2,4-Trimethylbenzene, Methylene Chloride and Toluene were detected above the laboratory's MDLs; however, all of the detected VOC compounds were observed to be below both commercial and unrestricted NYSDEC Part 375 SCOs. Note: Methylene Chloride was also detected within the laboratory analytical blank.

6.5 Residual Soil Contamination Sampling Results

The eight (8) soils samples (SB-01 through SB-08) collected from eight soil borings were compared against the NYSDEC's Part 375 SCOs. A summary of the analytical results for the detected analytes from the soil samples (SB-01 through SB-08) collected throughout the Site are presented in Table 9. Analytical results indicated that PCE within soil sample SB-04 was the only compound detected. The analytical results indicated that SB-04 detected PCE at concentrations below the commercial NYSDEC Part 375 SCOs.

6.6 Validation of Laboratory Analytical Data

A Data Usability Summary Report (DUSR) of the SVI samples, which was completed in accordance with DER-10, is provided in Appendix D.

7.0 SUMMARY OF SAMPLING RESULTS

7.1 Soil Vapor Intrusion Investigation

7.1.1 Air Sampling

The analytical results of the indoor air sample (I-1) indicated that Tetrachloroethylene (PCE) and Trichloroethylene (TCE) were detected above the laboratory's MDLs and TCE was detected above the NYSDOH's Air Guidance Values. The NYSDOH has developed a decision matrix for both PCE and TCE compounds detected. See section 7.1.4 for the air decision matrix.

Other VOC compounds that were detected within indoor air sample I-1, Acetone, Chloromethane, Ethanol, Ethyl acetate, Ethylbenzene, Toluene and Xylenes are VOC compounds widely used as components within solvents or cleaning solutions,. The detected VOC compounds, such as 1,4-Dichlorobenzene, Ethyl acetate and d-Limonene, are also widely used as components within cleaning solutions for their fragrance properties.

The concentrations detected within the indoor air sample (I-1) are assumed to be sourced at the hydrocarbon dry cleaning machine, spot removers and other cleaning products stored and utilized by the current operator/workers at the Bayville Village Cleaners on Site. See Appendix E for the detected VOC compound chemical uses in consumer products, building materials, or furnishings.

Although several VOC compounds were detected within the outdoor air sample (O-1), all VOC compounds were observed to be below the NYSDOH's Air Guidance Values and the USEPA's BASE guidance outdoor air values.

7.1.2 Sub-Slab Vapor Sampling

Analytical results of the sub-slab vapor sample (SS-1) indicated that several VOC compounds, including PCE and TCE were detected above the laboratory's MDLs. The state of New York specifically does not have any standards, criteria or guidance values for VOC concentrations

within subsurface vapors, however sub-slab soil vapor samples are included within the NYSDOH's air decision matrix for both PCE and TCE compounds detected. See Section 7.1.4 for the air decision matrix.

7.1.3 Soil Gas Sampling

Analytical results of the soil gas sampling indicated that several VOC compounds, including PCE and TCE were detected above the laboratory's MDLs. The state of New York specifically does not have any standards, criteria or guidance values for VOC concentrations within subsurface vapors nor are soil gas samples included in the NYSDOH's air decision matrix.

7.1.4 Sub-Slab Vapor\Indoor Air Decision Matrix

A decision matrix was constructed for the detected PCE and TCE concentrations detected within the sub-slab vapor and indoor air samples (See Table 10). As per the NYSDOH decision matrix, the comparison of the sub-slab vapor concentration to the indoor air concentrations indicate that on-site mitigation is needed for both TCE and PCE compounds to *"minimize the current or potential exposure associated with soil vapor intrusion"*. Walden recommends that another round of air samples (indoor, outdoor and sub-slab) be collected during the heating season to confirm the presence of the sub-slab vapor concentrations.

7.2 Groundwater Sampling

The groundwater analytical results indicated that all of the VOC compounds detected were below the NYSDEC's Groundwater Standards, except for the concentration of PCE within the sample collected from monitoring well MW-4. Groundwater sample MW-4 detected a concentration of PCE at 6.4 ug/L, this concentration is just above NYSDEC's regulatory limit of 5 ug/L. Based on the non-potable nature of the groundwater, Walden recommends no further action regarding the groundwater at the Site.

7.3 Septic System Leaching Pool Sampling

The collected sediment (LP-1) and water (LP-2) samples indicated that all of the VOC compounds detected were below the NYSDEC's unrestricted Part 375 SCO's or Groundwater Standards. Accordingly, no further action is recommended regarding the sediments contained within the leaching pool at the Site.

7.4 Storm Drain Sampling

The collected sediment sample (SD-1) indicated that all of the VOC compounds detected were below the unrestricted NYSDEC Part 375 SCO's. Accordingly, no further action is recommended regarding the sediments contained within the storm drain at the Site.

7.5 Residual Soil Sampling

The collected soil samples (SB-01 through SB-08) indicated that all of the VOC compounds analyzed for were non-detect, except for the concentration of PCE within the sample collected from soil boring SB-04. SB-04 contained PCE at concentrations below the restricted residential and commercial NYSDEC's Part 375 SCO's regulatory limits.

Accordingly, no further action is recommended regarding the soil at the Site. Walden believes that the previous efforts of excavating the detected source area on the western side of the building by PW Grosser in December 1996 had encompassed and removed the source of the VOC contamination.

Figures



WALDEN ENVIRONMENTAL ENGINEERING, PLLC



16 SPRING STREET
OYSTER BAY, NEW YORK
P:(516)824-7200 F:(516)824-3219
www.waldenenvironmental.com

WALDEN ASSOCIATES
JOB NO: BVC0106
DATE: 12-7-2006
FILE NAME: Gis Server\Bayville\maps\Bayville Cleaner
Aerial photos obtained from the New York State GIS Clearinghouse



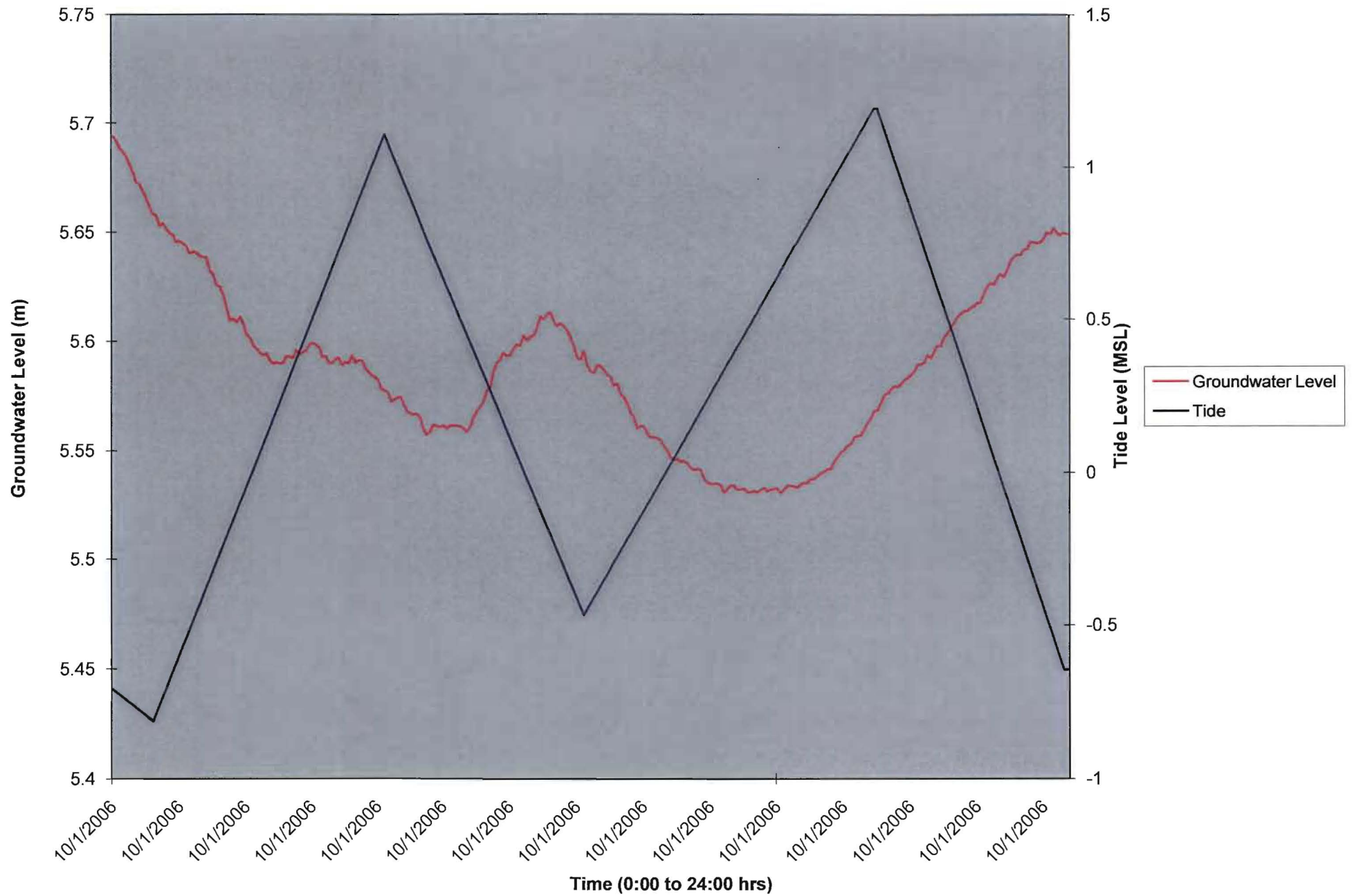
SITE LOCATION PLAN

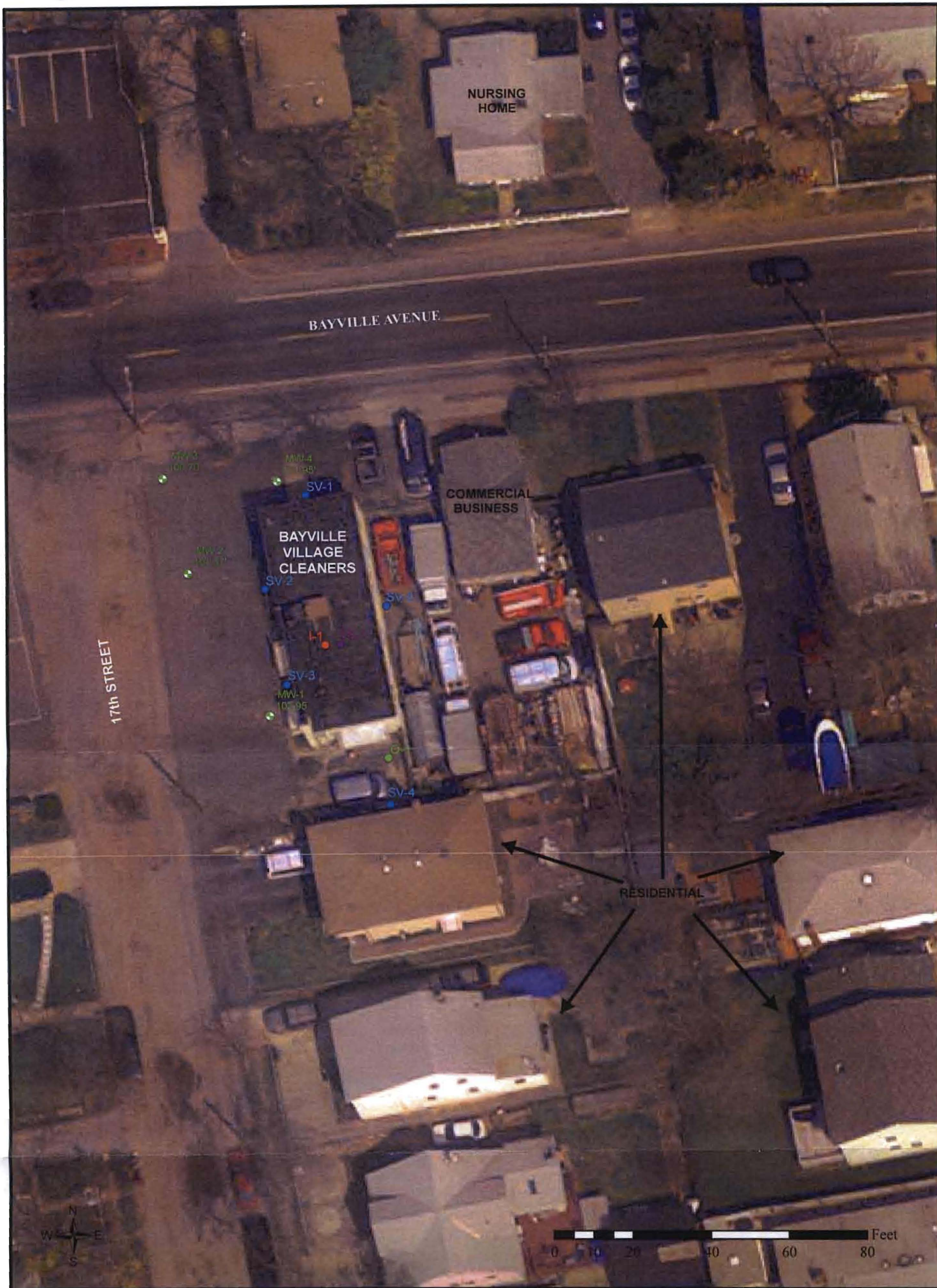
Bayville Village Cleaners
290 Bayville Ave, Bayville, NY 11079
Figure 1



Bayville Village Cleaners

Figure 2: Groundwater Data Log (0:00 to 24:00 on 10-1-06)





Notes: Aerial photos obtained from the New York State GIS Clearinghouse

Creation Date: 12/1/2008	Print Date: 12/1/2008
Author: E.J.L.	Job No: BVC0106
PDF: Gis Server\Bayville\Maps\Soil Borings.pdf	
Map: Gis Server\Bayville\Maps\Soil Borings.mxd	



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Soil Vapor & Air Sampling Locations

Bayville Village Cleaners
290 Bayville Ave, Bayville, NY 11079

Figure 3

- Legend
- Soil Vapor Sampling Locations
- Indoor Air Sample
 - Outdoor Air Sample
 - Soil Vapor Sample
 - Sub-Slab Soil Vapor Sample
- Monitoring Well; Elevation



Notes: Aerial photos obtained from the New York State GIS Clearinghouse

Creation Date: 12/1/2008	Print Date: 12/1/2008
Author: E.J.L.	Job No: BVC0106
PDF: GIS Server\Bayville\Maps\Groundwater Sampling Locations.pdf	
Map: GIS Server\Bayville\Maps\Groundwater Sampling Location.mxd	

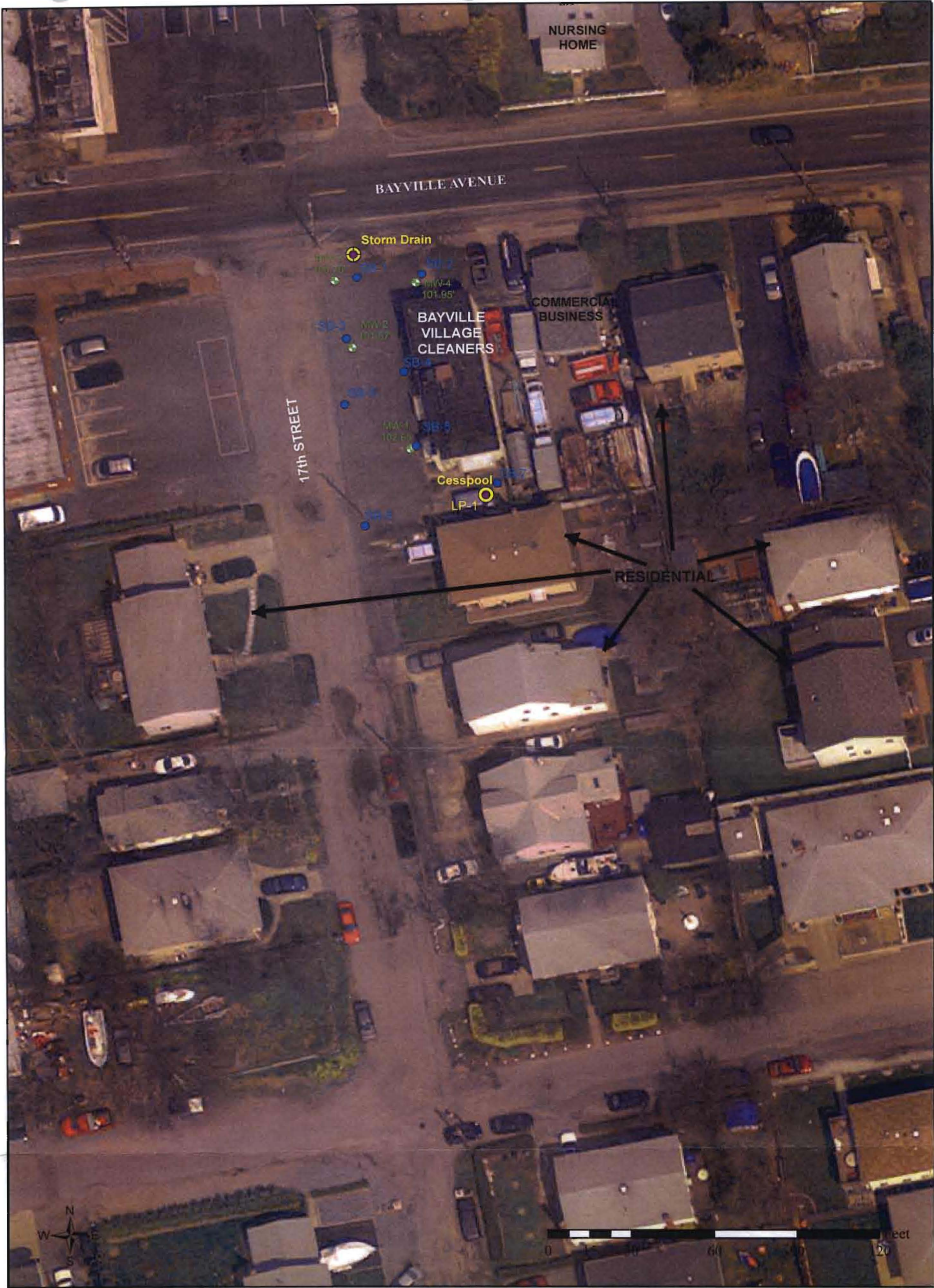
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Groundwater Sampling Locations

Bayville Village Cleaners
290 Bayville Ave, Bayville, NY 11079

Figure 4

- Legend
- Monitoring Well; Elevation
 - Groundwater Sampling Locations
 - Groundwater Locations
 - Cesspool
 - Storm Drain



Notes: Aerial photos obtained from the New York State GIS Clearinghouse

Creation Date: 12/1/2008	Print Date: 12/1/2008
Author: EJJ	Job No: BVC0106
PDF: Gis Server\Bayville\Maps\Soil Borings.pdf	
Map: Gis Server\Bayville\Maps\Soil Borings.mxd	



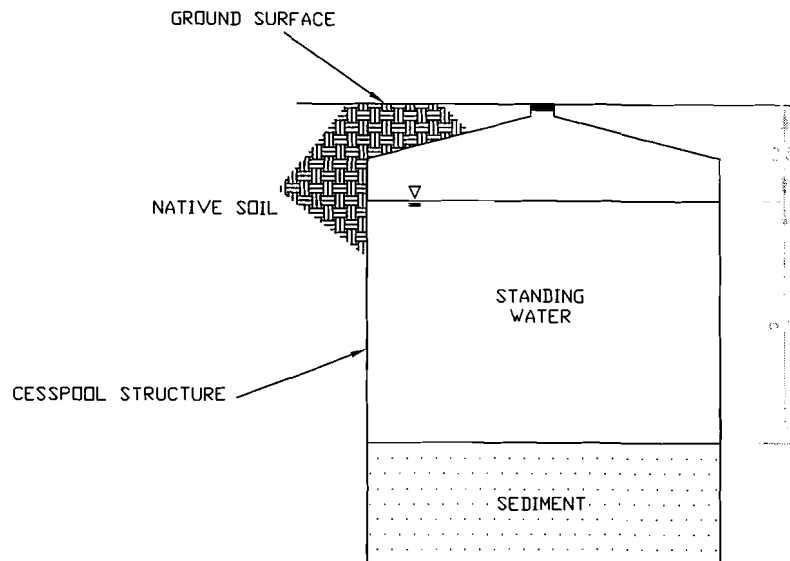
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Soil Borings Sampling Locations

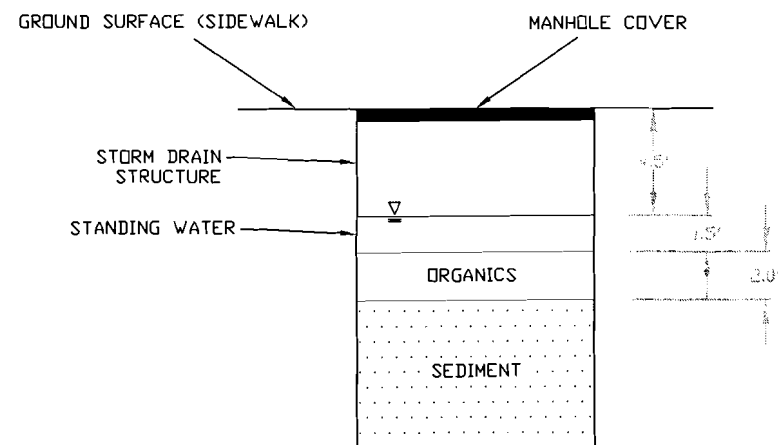
Bayville Village Cleaners
290 Bayville Ave, Bayville, NY 11079

Figure 5

Legend	
	Cesspool
	Storm Drain
	Monitoring Well; Elevation
Soil Borings Sampling Locations	
	Soil Boring Locations
	Hand Auger Soil Sampling Location



LEACHING POOL
N.T.S



STORM DRAIN
N.T.S

Tables

Bayville Village Cleaners
250 Bayville Avenue, Bayville, New York 11771

Laboratory Analytical Results Summary Tables

Table 1: Air Sampling Analytical Results Summary

Analyte	I-1 (Indoor Air Sample) µg/m ³	O-1 (Outdoor Air Sample) µg/m ³	NYSDOH Air Guideline Value µg/m ³	Indoor of Homes with Fuel Oil (Upper Fence) µg/m ³	Outdoor of Homes with Fuel Oil (Upper Fence) µg/m ³	USEPA BASE Indoor (90th) µg/m ³	USEPA BASE Outdoor (90th) µg/m ³
1,2,4-Trimethylbenzene	3.1	0.45	NA	9.8	1.9	9.5	5.8
1,3,5-Trimethylbenzene	ND	0.12	NA	3.9	0.7	3.7	2.7
1,4-Dichlorobenzene	5.9	ND	NA	1.2	0.5	5.5	1.2
1,4-Dioxane	1.6	ND	NA	NA	NA	NA	NA
2-Butanone (MEK)	ND	0.25	NA	NA	NA	12	11.3
2-Propanol (Isopropyl Alcohol)	2.4	ND	NA	NA	NA	250	16.5
4-Ethyltoluene	ND	0.13	NA	NA	NA	3.6	3
Acetone	41	ND	NA	115	30	98.9	43.7
Benzene	ND	0.60	NA	13	4.8	9.4	6.6
Chloromethane	4.3	0.36	NA	4.2	4.3	3.7	3.7
Dichlorodifluoromethane (CFC 12)	ND	0.49	NA	10	10	16.5	8.1
d-Limonene	100	ND	NA	20	0.5	22.5	3.6
Ethanol	30	ND	NA	1300	34	210	57
Ethyl Acetate	2.1	0.33	NA	NA	NA	5.4	1.5
Ethylbenzene	3.7	0.31	NA	6.4	1	5.7	3.5
m,p-Xylene	13	1.20	NA	11	1	22.2	12.8
n-Heptane	ND	0.25	NA	18	4.5	NA	NA
n-Hexane	ND	0.56	NA	14	2.2	10.2	6.4
n-Nonane	ND	0.14	NA	7.9	2	7.8	2.8
n-Octane	ND	0.15	NA	5.2	0.7	4.5	1.6
o-Xylene	3.4	0.47	NA	7.1	1.5	7.9	4.6
Propene	ND	0.94	NA	NA	NA	NA	NA
Tetrachloroethylene (PCE)	17	ND	100	2.5	0.7	15.9	6.5
Toluene	3.7	1.50	NA	57	5.1	43	33.7
Trichloroethylene (TCE)	98	ND	5	0.5	0.4	4.2	1.3
Trichlorofluoromethane	ND	0.22	NA	12	5.1	18.1	4.3

ND: Not Detected

NA: Not Available

BASE: USEPA Building Assessment and Survey Evaluation

Concentrations Exceeding NYSDOH's Air Guidance Values are indicated in **BOLD**

Only chemicals detected above the laboratory's minimum detection limit are summarized in the table above.

Bayville Village Cleaners
250 Bayville Avenue, Bayville, New York 11771

Laboratory Analytical Results Summary Tables

Table 2: Soil Gas Sampling Analytical Results Summary

Analyte	SV-1 µg/m ³	SV-2 µg/m ³	SV-3 µg/m ³	SV-4 µg/m ³	SV-5 µg/m ³	NYSDOH Air Guideline Value µg/m ³	Indoor of Homes with Fuel Oil (Upper Fence) µg/m ³	Outdoor of Homes with Fuel Oil (Upper Fence) µg/m ³	USEPA BASE Indoor (90th) µg/m ³	USEPA BASE Outdoor (90th) µg/m ³
1,3-Butadiene	8.6	8.9	16	ND	5.3	NA	NA	NA	3	3.4
2-Butanone (MEK)	24	21	57	73	38	NA	NA	NA	12	11.3
2-Hexanone	3	ND	2.8	8.8	ND	NA	NA	NA	NA	NA
2-Propanol (Isopropyl Alcohol)	3.70	ND	ND	21.0	2.4	NA	NA	NA	250	16.5
4-Methyl-2-pentanone	3.5	ND	ND	ND	5	NA	NA	NA	6	1.9
Acetone	30	30	120	160	160	NA	115	30	98.9	43.7
Acetonitrile	ND	ND	ND	ND	3.2	NA	NA	NA	NA	NA
Acrolein	ND	ND	6.2	ND	4.9	NA	NA	NA	NA	NA
alpha-Pinene	ND	6.4	ND	ND	ND	NA	10	1.2	3.6	6.2
Benzene	4.3	3.3	5.5	ND	4.9	NA	13	4.8	9.4	6.6
Carbon Disulfide	2.8	3.7	6.3	ND	3.5	NA	NA	NA	4.2	3.7
Chloroform	ND	13.0	3.5	ND	ND	NA	1.2	0.5	1.1	0.6
cis-1,2-Dichloroethene	ND	3.6	ND	ND	ND	NA	NA	NA	1.9	1.8
Cyclohexane	ND	3.8	ND	ND	ND	NA	6.3	0.9	NA	NA
Dichlorodifluoromethane (CFC 12)	2.5	2.5	2.5	ND	2.7	NA	10	10	16.5	8.1
d-Limonene	ND	ND	3.2	ND	ND	NA	20	0.5	22.5	3.6
Ethanol	150	ND	ND	ND	ND	NA	1300	34	210	57
Ethyl Acetate	ND	4	ND	ND	2.4	NA	NA	NA	5.4	1.5
Ethylbenzene	ND	2.8	ND	ND	ND	NA	6.4	1	5.7	3.5
m,p-Xylenes	8.4	15	9.9	ND	ND	NA	11	1	22.2	12.8
n-Butyl Acetate	7.1	ND	ND	ND	ND	NA	NA	NA	4.5	5.8
n-Heptane	2.7	2.6	3	10	12	NA	18	4.5	NA	NA
n-Hexane	4.8	5	5.7	22	2.4	NA	14	2.2	10.2	6.4
n-Nonane	3.7	3.6	3.8	ND	ND	NA	7.9	2	7.8	2.8
n-Octane	13	13	16	7.7	ND	NA	5.2	0.7	4.5	1.6
o-Xylene	ND	2.6	ND	ND	ND	NA	7.1	1.5	7.9	4.6
Propene	58	61	130	49	38	NA	NA	NA	NA	NA
Tetrachloroethylene (PCE)	1700	1600	2000	880	920	100	2.5	0.7	15.9	6.5
Tetrahydrofuran (THF)	ND	2.5	3.2	ND	34	NA	0.8	0.4	NA	NA
Toluene	6.9	8.7	8.9	ND	6.9	NA	57	5.1	43	33.7
Trichloroethylene (TCE)	3.5	20	12	ND	2.9	5	0.5	0.4	4.2	1.3
Trichlorofluoromethane	ND	ND	ND	ND	1.3	NA	12	5.1	18.1	4.3

ND: Not Detected

NA: Not Available

BASE: USEPA Building Assessment and Survey Evaluation

Concentrations Exceeding the NYSDOH's

Air Guidance Values are indicated in **BOLD**

Only chemicals detected above the laboratories minimum detection limit are summarized above.

Bayville Village Cleaners
250 Bayville Avenue, Bayville, New York 11771

Laboratory Analytical Results Summary Tables

Table 3: Sub-Slab Vapor Sampling Analytical Results Summary

Analyte	SS-1 µg/m3	NYSDOH Air Guideline Value µg/m3	Indoor, of Homes with Fuel Oil (Upper Fence) µg/m3	Outdoor of Homes with Fuel Oil (Upper Fence) µg/m3	USEPA BASE Indoor (90th) µg/m3	USEPA BASE Outdoor (90th) µg/m3
1,2,4-Trimethylbenzene	28	NA	9.8	1.9	9.5	5.8
1,3,5-Trimethylbenzene	8.6	NA	3.9	0.7	3.7	2.7
4-Ethyltoluene	7.4	NA	NA	NA	3.6	3
Carbon Disulfide	9	NA	NA	NA	4.2	3.7
Chloroform	36	NA	1.2	0.5	1.1	0.6
Dichlorodifluoromethane (CFC 12)	2.8	NA	10	10	16.5	8.1
d-Limonene	16	NA	20	0.5	22.5	3.6
Ethanol	190	NA	1300	34	210	57
Ethyl Acetate	9.7	NA	NA	NA	5.4	1.5
Ethylbenzene	9.2	NA	6.4	1	5.7	3.5
m,p-Xylene	57	NA	11	1	22.2	12.8
Naphthalene	4.5	NA	NA	NA	5.1	4.9
n-Propylbenzene	4.6	NA	1.5	1.5	NA	NA
o-Xylene	27	NA	7.1	1.5	7.9	4.6
Tetrachloroethylene (PCE)	2500	100	2.5	0.7	15.9	6.5
Toluene	41	NA	57	5.1	43	33.7
Trichloroethylene (TCE)	13	5	0.5	0.4	4.2	1.3

ND: Not Detected

NA: Not Available

BASE: USEPA Building Assessment and Survey Evaluation

Concentrations Exceeding NYSDOH's Air Guidance Values are indicated in **BOLD**

Only chemicals detected above the laboratory's minimum detection limit are summarized in the table above.

Bayville Village Cleaners
250 Bayville Avenue, Bayville, New York 11771

Laboratory Analytical Results Summary Tables

Table 4: Monitoring Well Analytical Results Summary

Analyte	Sample ID				NYSDEC Groundwater Standards (ppb)
	MW-1 (ppb)	MW-2 (ppb)	MW-3 (ppb)	MW-4 (ppb)	
Chloroform	4.3	1.9	ND	ND	7
cis-1,2-Dichloroethylene	ND	ND	1.9	ND	5
Methylene Chloride	ND	ND	4.6*	ND	5
Tetrachloroethylene (PCE)	ND	2	2.6	6.4	5
Trichloroethylene	ND	ND	1.2	ND	5

#: TOGS Class "AA" Source of Drinking Water

*: Analyte detected in laboratory blank

ND: Not Detected

Concentrations Exceeding NYSDEC's Groundwater Standards are indicated in **BOLD**

Bayville Village Cleaners
250 Bayville Avenue, Bayville, New York 11771

Laboratory Analytical Results Summary Tables

Table 5: Shallow & Deep Groundwater Sampling Analytical Results Summary

Analyte	MW-1A 25' (ppb)	MW-1B 50' (ppb)	MW-2A 25' (ppb)	MW-2B 50' (ppb)	MW-3A 25' (ppb)	MW-3B 50' (ppb)	MW-4A 25' (ppb)	MW-4B 50' (ppb)	NYSDEC Groundwater Standards (ppb)
Chloroform	ND	ND	2	ND	ND	ND	ND	ND	7
Toluene	ND	ND	ND	ND	ND	ND	ND	1	5

ND: Not Detected

Bayville Village Cleaners
250 Bayville Avenue, Bayville, New York 11771

Laboratory Analytical Results Summary Tables

Table 6: Septic System Leaching Pool Sediment Sampling Analytical Results Summary

Analyte	Sample ID	NYSDEC Part 375 Commercial Soil Cleanup Objectives (ppm)	NYSDEC Part 375 Unrestricted Soil Cleanup Objectives (ppm)
	LP-1 (ppm)		
1,2,4,5 Tetramethylbenzene	0.025	NA	NA
1,3,5 Trimethylbenzene	0.0079	190	8.4
Methylene Chloride	0.016*	500	0.05
n-Butylbenzene	0.012	NA	NA
n-Propylbenzene	0.0049	500	3.9
p-Ethyltoluene	0.01	NA	NA
Toluene	0.0049	500	0.7

NA: Not Available

*: Analyte detected in laboratory blank

Concentrations Exceeding NYSDEC's Part 375 Unrestricted Soil Cleanup Objectives are indicated in **BOLD**

Bayville Village Cleaners
250 Bayville Avenue, Bayville, New York 11771

Laboratory Analytical Results Summary Tables

Table 7: Septic System Leaching Pool Water Sampling Analytical Results Summary

Analyte	Sample ID	NYSDEC
	EP-2 (ppb)	Groundwater Standards (ppb)
4-Isopropyltoluene	0.83	5
Methylene Chloride	5.3*	0.1

#: TOGS Class "AA" Source of Drinking Water

*: Analyte detected in laboratory blank

Concentrations Exceeding NYSDEC's Groundwater Standards are indicated in **BOLD**

Bayville Village Cleaners
250 Bayville Avenue, Bayville, New York 11771

Laboratory Analytical Results Summary Tables

Table 8: Storm Drain Sampling Analytical Results Summary

Analyte	Sample ID	NYSDEC Part 375 Commercial Soil Cleanup Objectives (ppm)	NYSDEC Part 375 Unrestricted Soil Cleanup Objectives (ppm)
	SD-1 (ppm)		
1,2,4 Trimethylbenzene	0.0013	190	3.6
Methylene Chloride	0.014*	500	0.05
Toluene	0.0016	500	0.7

*: Analyte detected in laboratory blank Concentrations Exceeding NYSDEC's Part 375 Unrestricted Soil Cleanup Objectives are indicated in **BOLD**

Bayville Village Cleaners
250 Bayville Avenue, Bayville, New York 11771

Laboratory Analytical Results Summary Tables

Table 9: Soil Sampling Analytical Results Summary

Analyte	SB-01 9-10' (ppm)	SB-02 6-8' (ppm)	SB-03 9-10' (ppm)	SB-04 5-6' (ppm)	SB-05 8-9' (ppm)	SB-06 8-9' (ppm)	SB-07 8-9' (ppm)	SB-08 8-9' (ppm)	NYSDEC Part 375' Commercial Soil Cleanup Objectives (ppm)	NYSDEC Part 375' Unrestricted Soil Cleanup Objectives (ppm)
Tetrachloroethelene (PCE)	ND	ND	ND	16	ND	ND	ND	ND	150	1.3

ND: Not Detected

Concentrations Exceeding NYSDEC's Part 375 Commercial Soil Cleanup Objectives are indicated in **BOLD**

Bayville Village Cleaners
250 Bayville Avenue, Bayville, New York 11771

Laboratory Analytical Results Summary Tables

Table 10: NYSDOH Decision Matrix

Analyte	NYSDOH Air Guideline Value ($\mu\text{g}/\text{m}^3$)	NYSDOH Decision Matrix	I-1 Indoor $\mu\text{g}/\text{m}^3$	Matrix 1 $\mu\text{g}/\text{m}^3$	Matrix 2 $\mu\text{g}/\text{m}^3$	SS-1 Subslab $\mu\text{g}/\text{m}^3$	Matrix 1 $\mu\text{g}/\text{m}^3$	Matrix 2 $\mu\text{g}/\text{m}^3$	Response
Vinyl Chloride		1		<0.25			<5		
1,1-Dichloroethene (1,1-DCE)		2			<3			<100	
Methylene chloride	60	NA							
cis-1,2-Dichloroethene (cis-1,2-DCE)		2			<3			<100	
1,1,1-Trichloroethane (1,1,1-TCA)		2			<3			<100	
Carbon tetrachloride		1		<0.25			<5		
Tetrachloroethylene (PCE)	100	2	17	3 to <30	>1,000	2500	3 to <30	>1,000	MIT
Trichloroethylene (TCE)	5	1	98	>5	5 to <50	13	>5	5 to <50	MIT

Air Guidelines and Decision Matrices in tables referenced from NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York

NA - Not applicable for Matrix Decision ND - Analyte not detected Bold Values are those above typical values from the Indoor of Homes with Fuel Oil

MIT = MITIGATE: Mitigation is needed to minimize current or potential exposures associated with soil vapor intrusion. The most common mitigation methods are sealing preferential pathways in conjunction with installing a sub-slab depressurization system, and changing the pressurization of the building in conjunction with monitoring. The type or combination of types, of mitigation is determined on a building-specific basis, taking into account building construction and operating conditions. Mitigation is considered a temporary measure implemented to address exposures related to soil vapor intrusion until contaminated environmental media are remediated.

Appendix A

Indoor Air Quality Questionnaire and Building Inventory

NEW YORK STATE DEPARTMENT OF HEALTH
INDOOR AIR QUALITY QUESTIONNAIRE AND BUILDING INVENTORY
CENTER FOR ENVIRONMENTAL HEALTH

This form must be completed for each residence involved in indoor air testing.

Preparer's Name Peter Brighton Date/Time Prepared 12-17-07
Preparer's Affiliation Walden Associates Phone No. 516 624 7200
Purpose of Investigation SVE

1. OCCUPANT:

Interviewed: (Y) N

Last Name: _____ First Name: Zubair

Address: 290 Bayville Avenue, Bayville, NY

County: Nassau

Home Phone: _____ Office Phone: 516 628 1522

Number of Occupants/persons at this location 2-4 Age of Occupants 25-45

2. OWNER OR LANDLORD: (Check if same as occupant ✓)

Interviewed: Y / N

Last Name: _____ First Name: _____

Address: _____

County: _____

Home Phone: _____ Office Phone: _____

3. BUILDING CHARACTERISTICS

Type of Building: (Circle appropriate response)

Residential
Industrial

School
Church

Commercial/Multi-use
Other: _____

5. BASEMENT AND CONSTRUCTION CHARACTERISTICS (Circle all that apply)

- a. Above grade construction: wood frame concrete stone brick
- b. Basement type: NA full crawlspace slab other _____
- c. Basement floor: NA concrete dirt stone other _____
- d. Basement floor: NA uncovered covered covered with _____
- e. Concrete floor: unsealed sealed sealed with _____
- f. Foundation walls: poured block stone other _____
- g. Foundation walls: unsealed sealed sealed with _____
- h. The basement is: NA wet damp dry moldy
- i. The basement is: NA finished unfinished partially finished
- j. Sump present? NA Y N
- k. Water in sump? NA Y / N / not applicable

Basement/Lowest level depth below grade: — (feet)

Identify potential soil vapor entry points and approximate size (e.g., cracks, utility ports, drains)

Rear Door joints (very small), Small window leaks

6. HEATING, VENTING and AIR CONDITIONING (Circle all that apply)

Type of heating system(s) used in this building: (circle all that apply – note primary)

Hot air circulation	<u>Heat pump</u>	Hot water baseboard
Space Heaters	<u>Stream radiation</u>	Radiant floor
Electric baseboard	Wood stove	Outdoor wood boiler Other _____

The primary type of fuel used is:

<u>Natural Gas</u>	Fuel Oil	Kerosene
Electric	Propane	Solar
Wood	Coal	

Domestic hot water tank fueled by: Natural Gas

Boiler/furnace located in: Basement Outdoors Main Floor Other _____

Air conditioning: Central Air Window units Open Windows None

- j. Has painting/staining been done in the last 6 months? Y ☒ N Where & When? _____
- k. Is there new carpet, drapes or other textiles? Y ☒ N Where & When? _____
- l. Have air fresheners been used recently? ☒ Y / N When & Type? Regularly, See inventory
- m. Is there a kitchen exhaust fan? NA Y / N If yes, where vented? _____
- n. Is there a bathroom exhaust fan? ☒ Y / N If yes, where vented? outside
- o. Is there a clothes dryer? ☒ Y / N If yes, is it vented outside? ☒ Y / N
- p. Has there been a pesticide application? Y ☒ N When & Type? _____

Are there odors in the building?

Y ☒ N

If yes, please describe: _____

Do any of the building occupants use solvents at work?

☒ Y / N

(e.g., chemical manufacturing or laboratory, auto mechanic or auto body shop, painting, fuel oil delivery, boiler mechanic, pesticide application, cosmetologist)

If yes, what types of solvents are used? Dry Cleaning hydrocarbon solvents, spot removers

If yes, are their clothes washed at work?

☒ Y / N

Do any of the building occupants regularly use or work at a dry-cleaning service? (Circle appropriate response)

Yes, use dry-cleaning regularly (weekly)

No

Yes, use dry-cleaning infrequently (monthly or less)

Unknown

Yes, work at a dry-cleaning service

Is there a radon mitigation system for the building/structure? Y ☒ N Date of Installation: _____

Is the system active or passive? NA Active/Passive

9. WATER AND SEWAGE

Water Supply: ☒ Public Water ☐ Drilled Well ☐ Driven Well ☐ Dug Well Other: _____

Sewage Disposal: ☐ Public Sewer ☒ Septic Tank ☒ Leach Field ☒ Dry Well Other: _____

10. RELOCATION INFORMATION (for oil spill residential emergency)

a. Provide reasons why relocation is recommended: _____

b. Residents choose to: remain in home ☐ relocate to friends/family ☐ relocate to hotel/motel ☐

c. Responsibility for costs associated with reimbursement explained? Y / N

d. Relocation package provided and explained to residents? Y / N

12. OUTDOOR PLOT

Draw a sketch of the area surrounding the building being sampled. If applicable, provide information on spill locations, potential air contamination sources (industries, gas stations, repair shops, landfills, etc.), outdoor air sampling location(s) and PID meter readings.

Also indicate compass direction, wind direction and speed during sampling, the locations of the well and septic system, if applicable, and a qualifying statement to help locate the site on a topographic map.

See figures

Dry Cleaning Machine

HYDROCARBON AND SILICON SOLVENTS

A complete range of machines that offer a professional alternative for the most demanding of clients, designed to ensure maximum safety when using any hydrocarbon with flashpoint above 56°C and new solvents like Green Earth.
These machines have also been designed to comply with the latest international environmental regulations and therefore safeguarding both the environment and the operator.

Realstar hydrocarbon machines are available as:

• K12 (compact)

• K12 (compact)

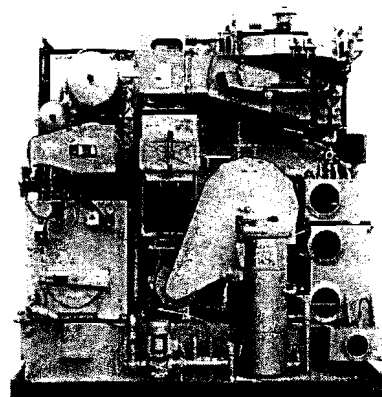
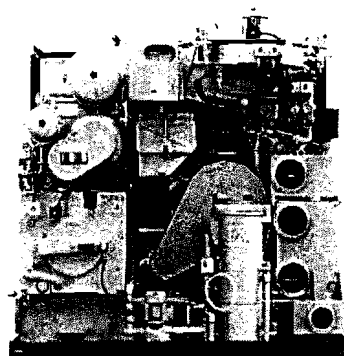
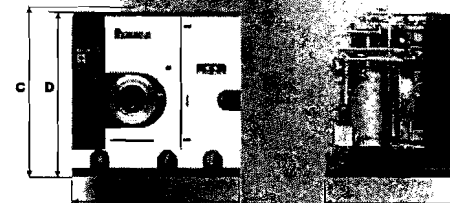
• K12 (compact)

STANDARD FEATURES OF HYDROCARBON MACHINES

- Microprocessor with memory for up to 20 programmes, manual override, self-diagnosis, memory card and supplementary keyboard
- Inverter for regulating motor speed
- Polar® automatic solvent cooling system
- Advanced Fractional Distillation® under vacuum
- Automatic still wall washing
- Dry control automatic drying monitor
- Water-saving valve
- Dry Rapid®, revolutionary drying system
- Enlarged loading door and still opening
- DCP®, automatic suction detection system
- Safety Nitrogen System
- noise jacket for refrigerator compressor
- Air-operated interlock and micro-switch on all doors
- Large button trap with automatic drying system
- Soap pump
- Floor Guard®, safety tray
- Stainless steel parts: air vent, basket, button trap, filters, still, condenser, separator



KM283 KM343 KM403
KM503 KM543 KM803



		KM283	KM343	KM403	KM503	KM703	KM803		KM283	KM343	KM403	KM503	KM703	KM803
LOAD CAPACITY (Ratio 1:20)	Kg	15	18	20	25	32	40	Lbs	33	40	45 + 50	55 + 60	75 + 80	90 + 95
BASKET														
Volume	lit	280	340	400	500	645	800	cu.ft.	9.9	12	14.11	17.8	22.8	28.5
Diameter	mm	800	900	1000	1200	1200	1200	inches	31.5	35.5	39.4	39.4	47.3	47.3
Depth	mm	560	535	510	640	570	710	inches	22	21	20	25.2	22.5	28
Wash speed	rpm	12 - 50	12 + 50	12 - 50	12 - 50	12 - 50	12 - 50	rpm	12 + 50	12 + 50	12 - 50	12 - 50	12 - 50	12 - 50
Extract speed	rpm	300 + 540	300 + 540	300 - 540	300 - 540	300 - 450	300 - 450	rpm	300 + 540	300 + 540	300 - 540	300 - 540	300 - 450	300 - 450
Door opening	mm	500	500	500	500	500	600	inches	20	20	20	20	20	23.6
TANKS														
Useful volume tank 1	lit	82	110	160	160	240	240	gal	22	29	42	42	63	63
Useful volume tank 2	lit	82	110	160	160	240	240	gal	22	29	42	42	63	63
Useful volume tank 3	lit	133	200	200	200	330	330	gal	35	53	53	53	87	87
STILL														
Useful Still Volume at half inspection	lit	145	190	260	260	360	360	gal	38.3	50	68	68	95	95
Total Still Volume	lit	180	230	325	325	455	455	gal	47.5	60	86	86	120	120
FN - NYLON FILTER														
Volume nylon filter housing	lit	55	55	75	75	75	100	gal	14.5	14.5	20	20	20	26.5
Nylon filter area	m ²	3.9	3.9	5.5	5.5	5.5	7.8	sq ft	42	42	59	59	59	84
Filter disks	nr	26	26	39	39	39	52		26	26	39	39	39	52
PR - PURITAN FILTER														
Volume Puritan filter housing	lit	13	25	25	25	25	25	gal	3.5	6.6	6.6	6.6	6.6	6.6
Tubes numbers	nr	1	1	1	1	1	1	nr	1	1	1	1	1	1
Cartridges quantity	nr	1	2	2	2	2	2	nr	1	2	2	2	2	2
KR - CARTRIDGE FILTER														
Volume Dual cartridge filter housing	lit	55	55	85	85	85	105	gal	14.5	14.5	22.5	22.5	22.5	27.8
Tubes numbers	nr	1	1	1	1	1	1	nr	1	1	1	1	1	1
Cartridges quantity	nr	2	2	3	3	3	4	nr	2	2	3	3	3	4
ELECTRIC POWER for 50 Hz Machine														
Working Power														
ELECTRIC Machine Version	Kw	22.5	33	44	44	-	-	Kw	22.5	33	44	44	-	-
Breaker Requirement Size	Amps	55	75	90	90	-	-	Amps	55	75	90	90	-	-
ELECTRIC Version														
Working Power														
STEAM Machine Version	Kw	7.5	10.5	15.5	15.5	17.5	17.5	Kw	7.5	10.5	15.5	15.5	17.5	17.5
Breaker Requirement Size	Amps	30	40	45	50	55	55	Amps	30	40	45	50	55	55
STEAM Version														
ELECTRIC POWER for 60 Hz Machine														
Working Power														
STEAM Machine Version	Kw	9	11.5	16	16.5	20	20	Kw	9	11.5	16	16.5	20	20
Breaker Requirement Size	Amps	60	75	95	100	115	115	Amps	60	75	95	100	115	115
Steam Boiler Working	BHP	2.5	2.5	3	3	3.5	3.75	BHP	2.5	2.5	3	3	3.5	3.75
MACHINES WEIGHTS														
Empty machine weight	Kg	1510	1850	2300	2350	3175	3210	lbs	3325	4080	5070	5180	7000	7075
Machine weight with solvent	Kg	1810	2740	3452	3502	4871	4906	lbs	3995	6040	7610	7720	10738	10815
Static charge on the floor	Kg/m ²	751	884	927	940	1019	1027	lbs/ft ²	154	181	193	193	209	211
Dynamic charge on the floor	Kg/m ²	1100	1130	1166	1217	1296	1348	lbs/ft ²	224	232	239	250	266	276
Packaged machine weight	Kg	1670	1970	2420	2470	3355	3390	lbs	3685	4345	5335	5445	7395	7457
MACHINES DIMENSIONS														
(A) Width front Machine	mm	1695	2000	2140	2140	2360	2360	inches	66.7	78.8	84.3	84.3	93	93
(B) Depth	mm	1460	1550	1740	1740	2025	2025	inches	57.5	61	68.5	68.5	79.8	79.8
(C) Height With Fan	mm	2020	2195	2285	2285	2580	2580	inches	79.5	86.2	90	90	101.6	101.6
(D) Height Without Fan	mm	2020	2025	2095	2095	2345	2345	inches	77	79.7	82.5	82.5	92.3	92.3

Note: Acoustic Emission Level of the Machines is Lower Than 70 Db(A)

Specifications subject to change without notice

marketamerica

Built on Product. Powered by People.

Spot Remover

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all categories

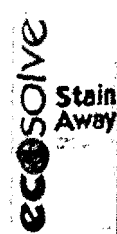
productdetails

- ▶ Anti-Aging
- ▶ Apparel & Fashion
- ▶ Auctions
- ▶ Audio
- ▶ Auto Care
- ▶ Auto Sales
- ▶ Baby
- ▶ Books
- ▶ Cameras & Optics
- ▶ Collectibles
- ▶ Communications
- ▶ Computer Games
- ▶ Computers
- ▶ Cosmetics
- ▶ Education
- ▶ Electronics
- ▶ Entertainment
- ▶ Financial/Lending
- ▶ Floral
- ▶ Flower Store
- ▶ Food & Drink
- ▶ Furniture
- ▶ Gifts & Occasions
- ▶ Gourmet Coffee
- ▶ Health & Nutrition
- ▶ Health & Wellness
- ▶ Hobbies & Crafts
- ▶ Home
- ▶ Home & Garden
- ▶ Home Improvement
- ▶ Home Tech
- ▶ Jewelry & Watches
- ▶ Music
- ▶ Office & Business
- ▶ Outdoor Living
- ▶ Personal Care
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EcoSolve® Stain Away All Purpose Stain Remover

Uniqueness

View All



\$62.00

Qty:

autoship
what's this?

Stain Away

Stain Away is a 21st century stain and spot remover designed for use on household surfaces. EcoSolve® utilizes emulsifiers that lift out stains caused by different hydrocarbons. Stain Away removes stains from: Carpet, Upholstery, Auto Carpets

Furniture Cleaning (Always check for color fastness)

1. Apply enough liquid to cover stain
2. Rub in liquid using finger, soft brush or sponge
3. Blot with damp terry cloth
4. Repeat as necessary

Carpet and Rug Cleaning (Always check for color fastness)

1. Apply enough liquid to cover stain.
2. Rub in with hand or brush.
3. Blot dry with damp terry cloth OR vacuum with

NOTE: Check for color fastness. First apply to an inconspicuous area to determine if colors will run or fade.

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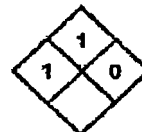
Spot Remover

MATERIAL SAFETY DATA SHEET

PRODUCT Super Tan +

NFPA HAZARD RATINGS*

Health	1	Slight health hazard
Fire	1	Slightly combustible
Reactivity	0	Non reactive



SECTION 1: PRODUCT INFORMATION

Manufacturer: ADCO, Inc., 900 W. Main, Sedalia, MO 65301 (800) 828-3300

EMERGENCY TELEPHONE NUMBERS: CHEMTREC (800) 424-9300 24 HRS 7 DAYS A WEEK; ADCO (800) 821-7556 (8-5 M-F)

Intended Product Use: Stain removal agent for laundry and drycleaners

Synonyms: Tannin Spotter

SECTION 2: HAZARDOUS INGREDIENTS

Chemical Name	%	CAS #	OSHA PEL	D 50
Citric Acid (dilute solution)	13-16	77-92-9	None	oral: 9, 3 mg/kg (rat)

SECTION 3: PHYSICAL DATA

Appearance: Clear, water-white to pale yellow liquid
 Odor: Sharp, sweet odor
 Specific Gravity (20° C): 1.058
 pH (Straight): 2-3

Boiling Point: 212° F
 Solubility in Water: Miscible
 Vapor Pressure (mm Hg): No data
 Vapor Density: Heavier than air

SECTION 4: FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method)(°F): > 200° (PM)
 Upper Flammable Limit: No data
 Lower Flammable Limit: No data
 Extinguishing Media: Dry chemical, carbon dioxide, foam, water fog - Compatible with all types.
 Special Fire Fighting Procedures: Avoid directing strong water stream into material - may cause foaming. Wear self-contained breathing apparatus when fighting fires in confined areas.
 Unusual Fire and Explosion Hazards: None

SECTION 5: REACTIVITY DATA

Stability: Stable
 Conditions to Avoid: Storage at temperatures above 120°F (48.8° C).
 Incompatibility (materials to avoid): Strong oxidizers
 Hazardous Decomposition Products: Burning produces toxic, irritating fumes.
 Hazardous Polymerization: Will not occur

SECTION 6: HEALTH HAZARD DATA

Toxicity (Estimated): Very low
 Effects of Overexposure: Acute: May cause drying or irritation if splashed into eyes or on prolonged or repeated contact with skin.
 Chronic: None
 Carcinogenicity: None of the ingredients of this mixture have been identified as a carcinogen or probable carcinogen by ACGIH, IARC, or OSHA.

*Hazard ratings and other information are based on latest available information from tests on product or ingredients of mixtures. The data and evaluations are accurate to the best of ADCO's knowledge. No guarantee or liability is expressed or implied.

EXPOSURE LIMITS	IRRITANCY OF PRODUCT	SENSITIZATION TO PRODUCT	CARCINOGENICITY	Super Tan +
Not listed by OSHA	Slight eye and skin	None reported	No components are listed by ACGIH, IARC, or OSHA	
TERATOGENICITY	REPRODUCTIVE TOXICITY	MUTAGENICITY	SYNERGISTIC EFFECTS	
No effects reported	No effects reported	None reported	None reported	

Based on known toxicity of components. No test data available on mixture.

SECTION 7: PREVENTATIVE MEASURES

SPECIAL PROTECTION INFORMATION

Respiratory Protection: None required when used as directed with adequate ventilation.

Ventilation: Normal industrial ventilation is adequate.

Protective Gloves: Ordinarily not needed. Use chemically resistant gloves when contact is prolonged or frequent.

Eye Protection: Use goggles or face mask if splashing is likely.

Other protection equipment ordinarily not needed. Availability of eye washes and adequate ventilation in work areas recommended.

STORAGE AND HANDLING: Store at temperature below 120°F. Do not store or dispense in aluminum or iron equipment. Use glass, plastic, or stainless steel liners and containers. Clean up spills on walkways to prevent slick spots.

SPILL OR LEAK PROCEDURES: Steps to be taken if material is spilled. Small spills may be flushed to sewer with water. Large spills - soak up on absorbent material and transfer to containers for disposal as nonhazardous waste.

WASTE DISPOSAL METHOD: Nonhazardous. Flush small quantities to sewer or dispose of material in container in municipal landfill in compliance with all local, state, and federal regulations.

RECOMMENDED PRECAUTIONARY LABELING:

CAUTION:

Splashing into eyes or prolonged or repeated contact with skin may cause irritation.

FIRST AID:

In case of contact, flush eyes 15 minutes with water. Wash off of skin with soap and water. If swallowed, do NOT induce vomiting.

KEEP OUT OF REACH OF CHILDREN. DO NOT TAKE INTERNALLY.

This product is intended for professional use only by trained personnel.

SECTION 8: FIRST AID

Inhalation: No treatment necessary.

Eyes: Flush eyes 15 minutes with water.

Skin: Wash off of skin with soap and water.

Ingestion: If swallowed, do NOT induce vomiting.

IF SYMPTOMS PERSIST, SEEK MEDICAL ASSISTANCE

SECTION 9: SARA TITLE III

NOTE: This product does not contain any components which are under the reporting requirements of SARA Title III, Section 313.

SECTION 10: PREPARATION DATE

This information is provided for guidance only based on information we have compiled. No guarantee of accuracy or completeness is expressed or implied.

ADCO RESEARCH DEPARTMENT

Prepared by:

Julie D. Jones

Date: June 17, 2004

Replaces MSDS of:

Julie D. Jones

October 16, 2002



Spot Remover

MATERIAL SAFETY DATA SHEET

CHROMATE INDUSTRIAL CORPORATION®
100 DaVinci Drive, Bohemia, New York 11716 • 888-567-2206 • www.chromate.com

FOR CHEMICAL
EMERGENCY
Call Chemtrec day/night:
1-800-424-9300

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Easy Out Stain Remover
RED LION PART NUMBER: 74176
PRODUCT TYPE: Stain Remover and Deodorizer
CHEMICAL FAMILY: N/A

DATE PREPARED: 07/01/98

CHROMATE INDUSTRIAL CORPORATION
100 DaVinci Drive, Bohemia, NY 11716 • (888) 567-2206

2. COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL NAME	% BY WEIGHT	OSHA PEL	ACGIH TLV	STEL	CAS #
None					

This product has not been tested as a whole for health effects on animals or humans.

Hazardous ingredients as defined in 29 CFR 1910.1200 if any are not present at regulated levels.

3. HAZARDS IDENTIFICATION

PRIMARY ROUTES OF ENTRY: Skin, Eyes, Ingestion

EFFECTS OF OVEREXPOSURE:

INHALATION: None

INGESTION: Small amounts are not likely to cause injury. Large amounts can be unwholesome to eat and medical attention should be sought promptly.

SKIN CONTACT: Redness of skin. Prolonged extreme exposure might cause defatting or redness.

EYE CONTACT: Irritation. Redness of eyes.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:

Preexisting contact-site disorders.

4. FIRST AID MEASURES

EMERGENCY FIRST AID PROCEDURES:

INHALATION: None.

INGESTION: Give 2 glasses of water and summon medical assistance.

SKIN CONTACT: Flush with water for 15 minutes. Get medical attention if necessary.

EYE CONTACT: Flush with water for 15 minutes. Get medical attention if necessary.

5. FIRE FIGHTING MEASURES

FLASH POINT (METHOD USE): None FLAMMABLE LIMITS: LEL N/A UEL N/A

EXTINGUISHING MEDIA: Appropriate to fire fuel source and surrounding materials.

FIRE FIGHTING PROCEDURES: No special procedures; always cool closed containers to prevent bursting.

UNUSUAL AND EXPLOSION HAZARDS: None known.

6. ACCIDENTAL RELEASE MEASURES

SPILLS OR LEAKS: Small amounts can be flushed to waste treatment system. Large spills: Mop or vacuum up and transfer to a clean container. Not a RCRA waste unless mixed with one.

7. HANDLING AND STORAGE

SPECIAL PRECAUTIONS: Store in a cool dry area.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

RESPIRATORY: Not normally needed if used according to label directions.

SKIN PROTECTION: Rubber or vinyl gloves.

EYE PROTECTION: ANSI-approved eyewear.

OTHER EQUIPMENT: Long pants and sleeves. Consider an apron.

EXPOSURE GUIDELINES: Normal indoor ventilation.

Local Exhaust: Not normally indicated Special: Not necessary. Mechanical: Not normally indicated.

ENGINEERING CONTROLS: No data available.

9. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT: 212°F

VAPOR PRESSURE (mm/Hg): Same as water

VAPOR DENSITY (AIR = 1): N/D

SOLUBILITY IN WATER: Complete

PERCENT VOLATILE BY VOLUME: N/A

APPEARANCE AND ODOR: Clear light blue odorless liquid

SPECIFIC GRAVITY (H₂O = 1): 1

MELTING POINT: N/A

pH: Neutral

EVAPORATION RATE (BUTYL ACETATE = 1): <1

FORM: Liquid **VOLATILE COMPONENTS:** N/D

10. STABILITY AND REACTIVITY

STABILITY: Stable

CONDITIONS TO AVOID: None

HAZARDOUS POLYMERIZATION: Will not occur

INCOMPATIBILITY (MATERIALS TO AVOID): Acids and Oxidizers

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: Oxides of Carbon

11. TOXICOLOGICAL INFORMATION

EYE: No data available.

SKIN: No data available.

INGESTION: No data available.

INHALATION: No data available.

SUBCHRONIC: No data available.

CHRONIC CARCINOGENICITY:

CARCINOGENICITY: NTP: Not Listed

IARC MONOGRAPH: Not Listed

OSHA REGULATED: Not Regulated

TERATOLOGY: No data available.

REPRODUCTION: No data available.

MUTAGENICITY: No data available.

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: No data available.

CHEMICAL FATE INFORMATION: No data available.

13. DISPOSAL CONSIDERATIONS

RCRA HAZARD CLASS: No data available.

WASTE DISPOSAL METHOD: Dispose of in accordance with all Local, State and Federal regulations.

14. TRANSPORT INFORMATION

TRANSPORTATION REQUIREMENTS (49CFR172-101)

D.O.T. CLASSIFICATION: Consumer Commodity ORM-D

D.O.T. SHIPPING NAME: None

15. REGULATORY INFORMATION

EXPOSURE LIMITS: No data available.

16. OTHER INFORMATION

The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in this MSDS. Additionally, vendor assumes no responsibility for injury to vendee or third persons proximately caused by abnormal use of the material even if reasonable safety procedures are followed. Furthermore, vendee assumes the risk in his use of the material.

N/D — NOT DETERMINED N/A — NOT APPLICABLE N/R — NOT REGULATED

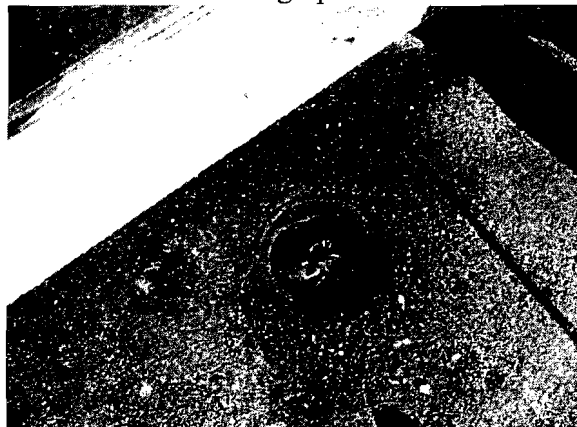
Conforms to 29 CFR 1910.1200, OSHA

ANSI Z129.1 - 1988 American National Standard for Hazardous Industrial Chemicals

Appendix B
Site Photographs

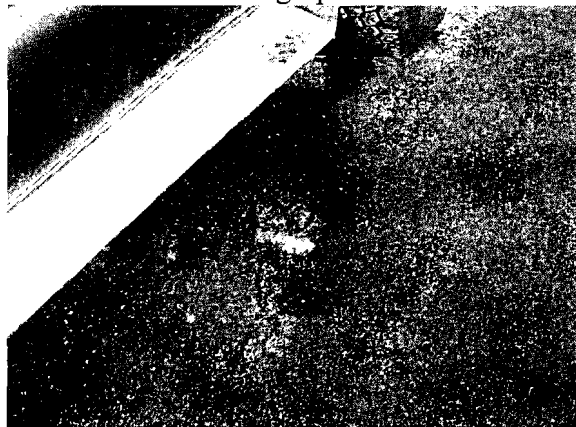
Site Photographs

Photograph #1



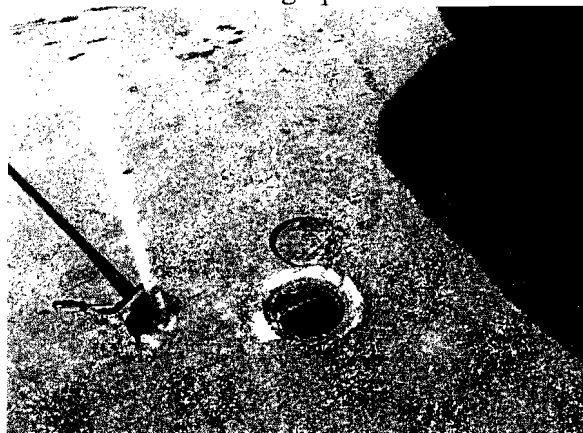
Monitoring Well MW-1

Photograph #2



Monitoring Well MW-1

Photograph #3



Monitoring Well MW-2

Photograph #4



Monitoring Well MW-3

Photograph #5



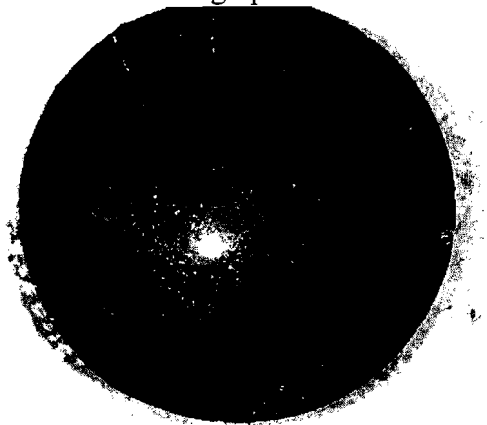
Monitoring Well MW-4

Photograph #6



Nassau County Storm Drain

Photograph #7



Nassau County Storm Drain

Photograph #8



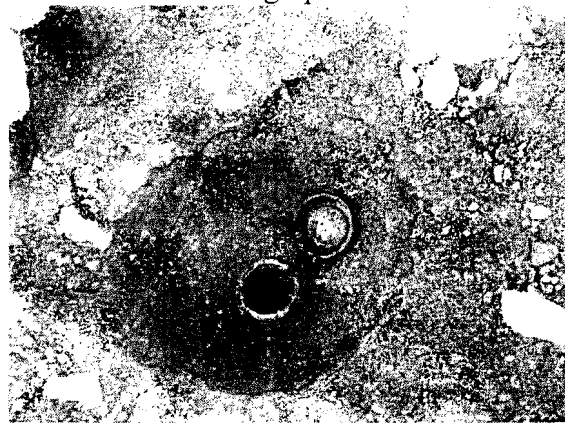
Leaching Pool Excavation

Photograph #9



Leaching Pool Cleanout Pipe with Plug

Photograph #10



Leaching Pool Cleanout Pipe with Plug

Photograph #11



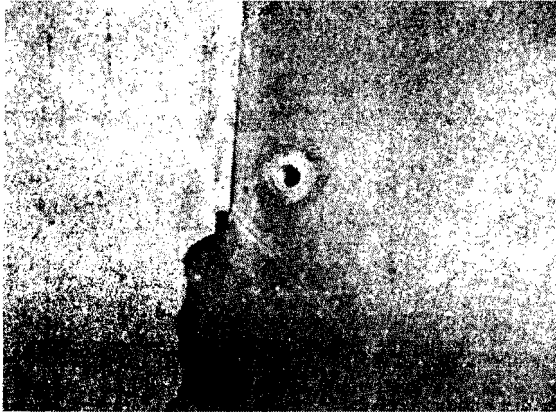
Sub Slab Soil Vapor Point Installation

Photograph #12



Sub Slab Soil Vapor Point Location

Photograph #13



Sub Slab Soil Vapor Point Location

Appendix C

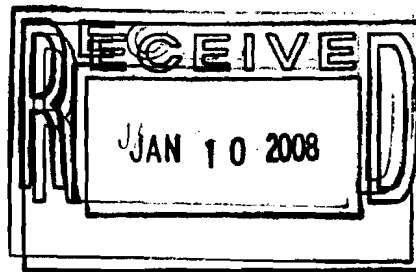
Laboratory Analytical Data Sheets



NYSDOH 11418
NJDEP NY050
CTDOH PH-0205
PADEP 68-00573

Thursday, December 20, 2007 ¹⁸

Tom Ryan
Tom Ryan
19 Todd Drive
Glen Head, NY 11545
TEL: (516) 624-7200
FAX



RE: Bayville Village Cleaners, 290 Bayville Ave

Order No.: 0712342

Dear Tom Ryan:

American Analytical Laboratories, LLC. received 3 sample(s) on 12/18/2007 for the analyses presented in the following report.

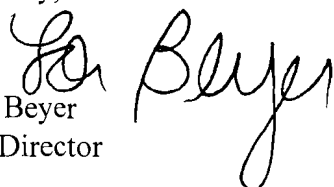
Samples were analyzed in accordance with the test procedures documented on the chain of custody and detailed throughout the text of this report.

The limits provided in the data package are analytical reporting limits and not Federal or Local mandated values to which the sample results should be compared.

There were no problems with the analyses and all data for associated QC met laboratory specifications. If there are any exceptions a Case Narrative is provided in the report.

If you have any questions regarding these tests results, please do not hesitate to call (631) 454-6100 or email me directly at lbeyer@american-analytical.com.

Sincerely,


Lori Beyer
Lab Director

American Analytical Laboratories, LLC.

Date: 20-Dec-07

CLIENT: Tom Ryan
Project: Bayville Village Cleaners, 290 Bayville Ave
Lab Order: 0712342

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Date Collected	Date Received
0712342-01A	MW-1		12/17/2007	12/18/2007
0712342-02A	MW-2		12/17/2007	12/18/2007
0712342-03A	MW-4		12/17/2007	12/18/2007



56 TOLEDO STREET • FARMINGDALE, NEW YORK 11735
(631) 454-6100 • FAX (631) 454-8027

TAG # / COC _____

NYS 11418
CTD PH-0205
NJDEP NY050
PADEP 68-573

CHAIN OF CUSTODY / REQUEST FOR ANALYSIS DOCUMENT

CLIENT NAME/ADDRESS Tom Ryan 19 Todd Drive Glen Head, NY, 11545		CONTACT: Peter Brighton 516 624 7200		SAMPLER (SIGNATURE) PB		SAMPLE(S) SEALED ☒ YES / ☐ NO												
PROJECT LOCATION: Bayville Village Cleaners, 210 Bayville Ave, Bayville NY 11771		SAMPLER NAME (PRINT) Peter Brighton		CORRECT CONTAINER(S) ☒ YES / ☐ NO														
LABORATORY ID #	MATRIX	# CONTAINERS	SAMPLING DATE/TIME	SAMPLE # - LOCATION	ANALYSIS REQUIRED VOCs (8260)												FOR METHANOL PRESERVED SAMPLES [VOLATILE VIAL #]	
0712342-01A	L	3	12-17-07	MW-1	✓													HCl
-02A	L	3	↓	MW-2	✓													↓
-03A	L	3	↓	MW-4	✓													↓
Please send results to Walden Associates, 16 Spring St. Oyster Bay, NY 11771					COOLER TEMPERATURE:													
MATRIX S=SOIL; L=LIQUID; SL=SLUDGE; A-AIR; W=WIPE; P=PAINT CHIPS; B=BULK MATERIAL TYPE G=GRAB; C=COMPOSITE, SS=SPLIT SPOON					TURNAROUND REQUIRED: NORMAL ☒ STAT ☐ BY / /					COMMENTS / INSTRUCTIONS Cat B deliverables								
RELINQUISHED BY (SIGNATURE) PB		DATE 12-17-07 TIME 1500		PRINTED NAME Peter Brighton		RECEIVED BY LAB (SIGNATURE) CJ		DATE 12-18-07 TIME 125		PRINTED NAME C. Dunn								
RELINQUISHED BY (SIGNATURE)		DATE TIME		PRINTED NAME		RECEIVED BY LAB (SIGNATURE)		DATE TIME		PRINTED NAME								

AMERICAN ANALYTICAL LABORATORIES, LLC

56 TOLEDO STREET

FARMINGDALE, NEW YORK 11735

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DATA REPORTING QUALIFIERS

For reporting results, the following "Results Qualifiers" are used:

Value	If the result is greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
J	Indicates an estimated value. The flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3ug/L was calculated report as 3J. This flag is used when similar situations arise on any organic parameter i.e. Pesticide, PCBs and others.
B	Indicates the analyte was found in the blank as well as the sample report "10B".
E	Indicates the analytes concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide / PCB target analyte when there is >25% difference for detected concentrations between the two GC Columns. The higher of the two values is reported on Form I and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
H	Indicates sample was received and/or analyzed outside of The method allowable holding time

American Analytical Laboratories, LLC.

Date: 20-Dec-07

CLIENT:	Tom Ryan	Client Sample ID:	MW-1
Lab Order:	0712342	Tag Number:	
Project:	Bayville Village Cleaners, 290 Bayville Ave	Collection Date:	12/17/2007
Lab ID:	0712342-01A	Matrix:	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		SW8260B		Analyst: LA		
1,1,1,2-Tetrachloroethane	U	1.0		µg/L	1	12/19/2007 8:57:00 PM
1,1,1-Trichloroethane	U	1.0		µg/L	1	12/19/2007 8:57:00 PM
1,1,2,2-Tetrachloroethane	U	1.0		µg/L	1	12/19/2007 8:57:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	1.0		µg/L	1	12/19/2007 8:57:00 PM
1,1,2-Trichloroethane	U	1.0		µg/L	1	12/19/2007 8:57:00 PM
1,1-Dichloroethane	U	1.0		µg/L	1	12/19/2007 8:57:00 PM
1,1-Dichloroethene	U	1.0		µg/L	1	12/19/2007 8:57:00 PM
1,1-Dichloropropene	U	1.0		µg/L	1	12/19/2007 8:57:00 PM
1,2,3-Trichlorobenzene	U	1.0		µg/L	1	12/19/2007 8:57:00 PM
1,2,3-Trichloropropane	U	1.0		µg/L	1	12/19/2007 8:57:00 PM
1,2,4,5-Tetramethylbenzene	U	1.0		µg/L	1	12/19/2007 8:57:00 PM
1,2,4-Trichlorobenzene	U	1.0		µg/L	1	12/19/2007 8:57:00 PM
1,2,4-Trimethylbenzene	U	1.0		µg/L	1	12/19/2007 8:57:00 PM
1,2-Dibromo-3-chloropropane	U	1.0		µg/L	1	12/19/2007 8:57:00 PM
1,2-Dibromoethane	U	1.0		µg/L	1	12/19/2007 8:57:00 PM
1,2-Dichlorobenzene	U	1.0		µg/L	1	12/19/2007 8:57:00 PM
1,2-Dichloroethane	U	1.0		µg/L	1	12/19/2007 8:57:00 PM
1,2-Dichloropropane	U	1.0		µg/L	1	12/19/2007 8:57:00 PM
1,3,5-Trimethylbenzene	U	1.0		µg/L	1	12/19/2007 8:57:00 PM
1,3-Dichlorobenzene	U	1.0		µg/L	1	12/19/2007 8:57:00 PM
1,3-dichloropropane	U	1.0		µg/L	1	12/19/2007 8:57:00 PM
1,4-Dichlorobenzene	U	1.0		µg/L	1	12/19/2007 8:57:00 PM
1,4-Dioxane	U	1.0		µg/L	1	12/19/2007 8:57:00 PM
2,2-Dichloropropane	U	1.0		µg/L	1	12/19/2007 8:57:00 PM
2-Butanone	U	3.0		µg/L	1	12/19/2007 8:57:00 PM
2-Chloroethyl vinyl ether	U	1.0		µg/L	1	12/19/2007 8:57:00 PM
2-Chlorotoluene	U	1.0		µg/L	1	12/19/2007 8:57:00 PM
2-Hexanone	U	2.0		µg/L	1	12/19/2007 8:57:00 PM
2-Propanol	U	1.0		µg/L	1	12/19/2007 8:57:00 PM
4-Chlorotoluene	U	1.0		µg/L	1	12/19/2007 8:57:00 PM
4-Isopropyltoluene	U	1.0		µg/L	1	12/19/2007 8:57:00 PM
4-Methyl-2-pentanone	U	2.0		µg/L	1	12/19/2007 8:57:00 PM
Acetone	U	2.0		µg/L	1	12/19/2007 8:57:00 PM
Acrolein	U	1.0		µg/L	1	12/19/2007 8:57:00 PM
Acrylonitrile	U	1.0		µg/L	1	12/19/2007 8:57:00 PM
Benzene	U	1.0		µg/L	1	12/19/2007 8:57:00 PM
Bromobenzene	U	1.0		µg/L	1	12/19/2007 8:57:00 PM
Bromochloromethane	U	1.0		µg/L	1	12/19/2007 8:57:00 PM
Bromodichloromethane	U	1.0		µg/L	1	12/19/2007 8:57:00 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed for but not detected	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: 20-Dec-07

CLIENT: Tom Ryan
Lab Order: 0712342
Project: Bayville Village Cleaners, 290 Bayville Ave
Lab ID: 0712342-01A

Client Sample ID: MW-1
Tag Number:
Collection Date: 12/17/2007
Matrix: LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		SW8260B		Analyst: LA		
Bromoform	U	1.0		µg/L	1	12/19/2007 8:57:00 PM
Bromomethane	U	1.0		µg/L	1	12/19/2007 8:57:00 PM
Carbon disulfide	U	1.0		µg/L	1	12/19/2007 8:57:00 PM
Carbon tetrachloride	U	1.0		µg/L	1	12/19/2007 8:57:00 PM
Chlorobenzene	U	1.0		µg/L	1	12/19/2007 8:57:00 PM
Chlorodifluoromethane	U	1.0		µg/L	1	12/19/2007 8:57:00 PM
Chloroethane	U	1.0		µg/L	1	12/19/2007 8:57:00 PM
Chloroform	4.3	1.0		µg/L	1	12/19/2007 8:57:00 PM
Chloromethane	U	1.0		µg/L	1	12/19/2007 8:57:00 PM
cis-1,2-Dichloroethene	U	1.0		µg/L	1	12/19/2007 8:57:00 PM
cis-1,3-Dichloropropene	U	1.0		µg/L	1	12/19/2007 8:57:00 PM
Dibromochloromethane	U	1.0		µg/L	1	12/19/2007 8:57:00 PM
Dibromomethane	U	1.0		µg/L	1	12/19/2007 8:57:00 PM
Dichlorodifluoromethane	U	1.0		µg/L	1	12/19/2007 8:57:00 PM
Diisopropyl ether	U	1.0		µg/L	1	12/19/2007 8:57:00 PM
Ethanol	U	1.0		µg/L	1	12/19/2007 8:57:00 PM
Ethyl acetate	U	1.0		µg/L	1	12/19/2007 8:57:00 PM
Ethylbenzene	U	1.0		µg/L	1	12/19/2007 8:57:00 PM
Freon-114	U	1.0		µg/L	1	12/19/2007 8:57:00 PM
Hexachlorobutadiene	U	1.0		µg/L	1	12/19/2007 8:57:00 PM
Isopropyl acetate	U	1.0		µg/L	1	12/19/2007 8:57:00 PM
Isopropylbenzene	U	1.0		µg/L	1	12/19/2007 8:57:00 PM
m,p-Xylene	U	2.0		µg/L	1	12/19/2007 8:57:00 PM
Methyl tert-butyl ether	U	1.0		µg/L	1	12/19/2007 8:57:00 PM
Methylene chloride	U	1.0		µg/L	1	12/19/2007 8:57:00 PM
n-Amyl acetate	U	1.0		µg/L	1	12/19/2007 8:57:00 PM
Naphthalene	U	1.0		µg/L	1	12/19/2007 8:57:00 PM
n-Butyl acetate	U	2.0		µg/L	1	12/19/2007 8:57:00 PM
n-Butylbenzene	U	1.0		µg/L	1	12/19/2007 8:57:00 PM
n-Propyl acetate	U	1.0		µg/L	1	12/19/2007 8:57:00 PM
n-Propylbenzene	U	1.0		µg/L	1	12/19/2007 8:57:00 PM
o-Xylene	U	1.0		µg/L	1	12/19/2007 8:57:00 PM
p-Diethylbenzene	U	1.0		µg/L	1	12/19/2007 8:57:00 PM
p-Ethyltoluene	U	1.0		µg/L	1	12/19/2007 8:57:00 PM
sec-Butylbenzene	U	1.0		µg/L	1	12/19/2007 8:57:00 PM
Styrene	U	1.0		µg/L	1	12/19/2007 8:57:00 PM
t-Butyl alcohol	U	1.0		µg/L	1	12/19/2007 8:57:00 PM
tert-Butylbenzene	U	1.0		µg/L	1	12/19/2007 8:57:00 PM
Tetrachloroethene	U	1.0		µg/L	1	12/19/2007 8:57:00 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed for but not detected	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: 20-Dec-07

CLIENT:	Tom Ryan	Client Sample ID:	MW-1
Lab Order:	0712342	Tag Number:	
Project:	Bayville Village Cleaners, 290 Bayville Ave	Collection Date:	12/17/2007
Lab ID:	0712342-01A	Matrix:	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		SW8260B		Analyst: LA		
Toluene	U	1.0		µg/L	1	12/19/2007 8:57:00 PM
trans-1,2-Dichloroethene	U	1.0		µg/L	1	12/19/2007 8:57:00 PM
trans-1,3-Dichloropropene	U	1.0		µg/L	1	12/19/2007 8:57:00 PM
Trichloroethene	U	1.0		µg/L	1	12/19/2007 8:57:00 PM
Trichlorofluoromethane	U	1.0		µg/L	1	12/19/2007 8:57:00 PM
Vinyl acetate	U	1.0		µg/L	1	12/19/2007 8:57:00 PM
Vinyl chloride	U	1.0		µg/L	1	12/19/2007 8:57:00 PM
Surr: 4-Bromofluorobenzene	106	54-134		%REC	1	12/19/2007 8:57:00 PM
Surr: Dibromofluoromethane	94.2	52-132		%REC	1	12/19/2007 8:57:00 PM
Surr: Toluene-d8	97.8	51-127		%REC	1	12/19/2007 8:57:00 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed for but not detected	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: 20-Dec-07

CLIENT:	Tom Ryan	Client Sample ID:	MW-2
Lab Order:	0712342	Tag Number:	
Project:	Bayville Village Cleaners, 290 Bayville Ave	Collection Date:	12/17/2007
Lab ID:	0712342-02A	Matrix:	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		SW8260B		Analyst: LA		
1,1,1,2-Tetrachloroethane	U	1.0		µg/L	1	12/19/2007 9:32:00 PM
1,1,1-Trichloroethane	U	1.0		µg/L	1	12/19/2007 9:32:00 PM
1,1,2,2-Tetrachloroethane	U	1.0		µg/L	1	12/19/2007 9:32:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	1.0		µg/L	1	12/19/2007 9:32:00 PM
1,1,2-Trichloroethane	U	1.0		µg/L	1	12/19/2007 9:32:00 PM
1,1-Dichloroethane	U	1.0		µg/L	1	12/19/2007 9:32:00 PM
1,1-Dichloroethene	U	1.0		µg/L	1	12/19/2007 9:32:00 PM
1,1-Dichloropropene	U	1.0		µg/L	1	12/19/2007 9:32:00 PM
1,2,3-Trichlorobenzene	U	1.0		µg/L	1	12/19/2007 9:32:00 PM
1,2,3-Trichloropropane	U	1.0		µg/L	1	12/19/2007 9:32:00 PM
1,2,4,5-Tetramethylbenzene	U	1.0		µg/L	1	12/19/2007 9:32:00 PM
1,2,4-Trichlorobenzene	U	1.0		µg/L	1	12/19/2007 9:32:00 PM
1,2,4-Trimethylbenzene	U	1.0		µg/L	1	12/19/2007 9:32:00 PM
1,2-Dibromo-3-chloropropane	U	1.0		µg/L	1	12/19/2007 9:32:00 PM
1,2-Dibromoethane	U	1.0		µg/L	1	12/19/2007 9:32:00 PM
1,2-Dichlorobenzene	U	1.0		µg/L	1	12/19/2007 9:32:00 PM
1,2-Dichloroethane	U	1.0		µg/L	1	12/19/2007 9:32:00 PM
1,2-Dichloropropane	U	1.0		µg/L	1	12/19/2007 9:32:00 PM
1,3,5-Trimethylbenzene	U	1.0		µg/L	1	12/19/2007 9:32:00 PM
1,3-Dichlorobenzene	U	1.0		µg/L	1	12/19/2007 9:32:00 PM
1,3-dichloropropane	U	1.0		µg/L	1	12/19/2007 9:32:00 PM
1,4-Dichlorobenzene	U	1.0		µg/L	1	12/19/2007 9:32:00 PM
1,4-Dioxane	U	1.0		µg/L	1	12/19/2007 9:32:00 PM
2,2-Dichloropropane	U	1.0		µg/L	1	12/19/2007 9:32:00 PM
2-Butanone	U	3.0		µg/L	1	12/19/2007 9:32:00 PM
2-Chloroethyl vinyl ether	U	1.0		µg/L	1	12/19/2007 9:32:00 PM
2-Chlorotoluene	U	1.0		µg/L	1	12/19/2007 9:32:00 PM
2-Hexanone	U	2.0		µg/L	1	12/19/2007 9:32:00 PM
2-Propanol	U	1.0		µg/L	1	12/19/2007 9:32:00 PM
4-Chlorotoluene	U	1.0		µg/L	1	12/19/2007 9:32:00 PM
4-Isopropyltoluene	U	1.0		µg/L	1	12/19/2007 9:32:00 PM
4-Methyl-2-pentanone	U	2.0		µg/L	1	12/19/2007 9:32:00 PM
Acetone	U	2.0		µg/L	1	12/19/2007 9:32:00 PM
Acrolein	U	1.0		µg/L	1	12/19/2007 9:32:00 PM
Acrylonitrile	U	1.0		µg/L	1	12/19/2007 9:32:00 PM
Benzene	U	1.0		µg/L	1	12/19/2007 9:32:00 PM
Bromobenzene	U	1.0		µg/L	1	12/19/2007 9:32:00 PM
Bromochloromethane	U	1.0		µg/L	1	12/19/2007 9:32:00 PM
Bromodichloromethane	U	1.0		µg/L	1	12/19/2007 9:32:00 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed for but not detected	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: 20-Dec-07

CLIENT:	Tom Ryan	Client Sample ID:	MW-2
Lab Order:	0712342	Tag Number:	
Project:	Bayville Village Cleaners, 290 Bayville Ave	Collection Date:	12/17/2007
Lab ID:	0712342-02A	Matrix:	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		SW8260B		Analyst: LA		
Bromoform	U	1.0		µg/L	1	12/19/2007 9:32:00 PM
Bromomethane	U	1.0		µg/L	1	12/19/2007 9:32:00 PM
Carbon disulfide	U	1.0		µg/L	1	12/19/2007 9:32:00 PM
Carbon tetrachloride	U	1.0		µg/L	1	12/19/2007 9:32:00 PM
Chlorobenzene	U	1.0		µg/L	1	12/19/2007 9:32:00 PM
Chlorodifluoromethane	U	1.0		µg/L	1	12/19/2007 9:32:00 PM
Chloroethane	U	1.0		µg/L	1	12/19/2007 9:32:00 PM
Chloroform	1.9	1.0		µg/L	1	12/19/2007 9:32:00 PM
Chloromethane	U	1.0		µg/L	1	12/19/2007 9:32:00 PM
cis-1,2-Dichloroethene	U	1.0		µg/L	1	12/19/2007 9:32:00 PM
cis-1,3-Dichloropropene	U	1.0		µg/L	1	12/19/2007 9:32:00 PM
Dibromochloromethane	U	1.0		µg/L	1	12/19/2007 9:32:00 PM
Dibromomethane	U	1.0		µg/L	1	12/19/2007 9:32:00 PM
Dichlorodifluoromethane	U	1.0		µg/L	1	12/19/2007 9:32:00 PM
Diisopropyl ether	U	1.0		µg/L	1	12/19/2007 9:32:00 PM
Ethanol	U	1.0		µg/L	1	12/19/2007 9:32:00 PM
Ethyl acetate	U	1.0		µg/L	1	12/19/2007 9:32:00 PM
Ethylbenzene	U	1.0		µg/L	1	12/19/2007 9:32:00 PM
Freon-114	U	1.0		µg/L	1	12/19/2007 9:32:00 PM
Hexachlorobutadiene	U	1.0		µg/L	1	12/19/2007 9:32:00 PM
Isopropyl acetate	U	1.0		µg/L	1	12/19/2007 9:32:00 PM
Isopropylbenzene	U	1.0		µg/L	1	12/19/2007 9:32:00 PM
m,p-Xylene	U	2.0		µg/L	1	12/19/2007 9:32:00 PM
Methyl tert-butyl ether	U	1.0		µg/L	1	12/19/2007 9:32:00 PM
Methylene chloride	U	1.0		µg/L	1	12/19/2007 9:32:00 PM
n-Amyl acetate	U	1.0		µg/L	1	12/19/2007 9:32:00 PM
Naphthalene	U	1.0		µg/L	1	12/19/2007 9:32:00 PM
n-Butyl acetate	U	2.0		µg/L	1	12/19/2007 9:32:00 PM
n-Butylbenzene	U	1.0		µg/L	1	12/19/2007 9:32:00 PM
n-Propyl acetate	U	1.0		µg/L	1	12/19/2007 9:32:00 PM
n-Propylbenzene	U	1.0		µg/L	1	12/19/2007 9:32:00 PM
o-Xylene	U	1.0		µg/L	1	12/19/2007 9:32:00 PM
p-Diethylbenzene	U	1.0		µg/L	1	12/19/2007 9:32:00 PM
p-Ethyltoluene	U	1.0		µg/L	1	12/19/2007 9:32:00 PM
sec-Butylbenzene	U	1.0		µg/L	1	12/19/2007 9:32:00 PM
Styrene	U	1.0		µg/L	1	12/19/2007 9:32:00 PM
t-Butyl alcohol	U	1.0		µg/L	1	12/19/2007 9:32:00 PM
tert-Butylbenzene	U	1.0		µg/L	1	12/19/2007 9:32:00 PM
Tetrachloroethene	2.0	1.0		µg/L	1	12/19/2007 9:32:00 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed for but not detected	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: 20-Dec-07

CLIENT: Tom Ryan**Client Sample ID:** MW-2**Lab Order:** 0712342**Tag Number:****Project:** Bayville Village Cleaners, 290 Bayville Ave**Collection Date:** 12/17/2007**Lab ID:** 0712342-02A**Matrix:** LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		SW8260B		Analyst: LA		
Toluene	U	1.0		µg/L	1	12/19/2007 9:32:00 PM
trans-1,2-Dichloroethene	U	1.0		µg/L	1	12/19/2007 9:32:00 PM
trans-1,3-Dichloropropene	U	1.0		µg/L	1	12/19/2007 9:32:00 PM
Trichloroethene	U	1.0		µg/L	1	12/19/2007 9:32:00 PM
Trichlorofluoromethane	U	1.0		µg/L	1	12/19/2007 9:32:00 PM
Vinyl acetate	U	1.0		µg/L	1	12/19/2007 9:32:00 PM
Vinyl chloride	U	1.0		µg/L	1	12/19/2007 9:32:00 PM
Surr: 4-Bromofluorobenzene	109	54-134		%REC	1	12/19/2007 9:32:00 PM
Surr: Dibromofluoromethane	96.8	52-132		%REC	1	12/19/2007 9:32:00 PM
Surr: Toluene-d8	104	51-127		%REC	1	12/19/2007 9:32:00 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed for but not detected	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: 20-Dec-07

CLIENT: Tom Ryan **Client Sample ID:** MW-4
Lab Order: 0712342 **Tag Number:**
Project: Bayville Village Cleaners, 290 Bayville Ave **Collection Date:** 12/17/2007
Lab ID: 0712342-03A **Matrix:** LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		SW8260B		Analyst: LA		
1,1,1,2-Tetrachloroethane	U	1.0		µg/L	1	12/19/2007 10:10:00 PM
1,1,1-Trichloroethane	U	1.0		µg/L	1	12/19/2007 10:10:00 PM
1,1,2,2-Tetrachloroethane	U	1.0		µg/L	1	12/19/2007 10:10:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	1.0		µg/L	1	12/19/2007 10:10:00 PM
1,1,2-Trichloroethane	U	1.0		µg/L	1	12/19/2007 10:10:00 PM
1,1-Dichloroethane	U	1.0		µg/L	1	12/19/2007 10:10:00 PM
1,1-Dichloroethene	U	1.0		µg/L	1	12/19/2007 10:10:00 PM
1,1-Dichloropropene	U	1.0		µg/L	1	12/19/2007 10:10:00 PM
1,2,3-Trichlorobenzene	U	1.0		µg/L	1	12/19/2007 10:10:00 PM
1,2,3-Trichloropropane	U	1.0		µg/L	1	12/19/2007 10:10:00 PM
1,2,4,5-Tetramethylbenzene	U	1.0		µg/L	1	12/19/2007 10:10:00 PM
1,2,4-Trichlorobenzene	U	1.0		µg/L	1	12/19/2007 10:10:00 PM
1,2,4-Trimethylbenzene	U	1.0		µg/L	1	12/19/2007 10:10:00 PM
1,2-Dibromo-3-chloropropane	U	1.0		µg/L	1	12/19/2007 10:10:00 PM
1,2-Dibromoethane	U	1.0		µg/L	1	12/19/2007 10:10:00 PM
1,2-Dichlorobenzene	U	1.0		µg/L	1	12/19/2007 10:10:00 PM
1,2-Dichloroethane	U	1.0		µg/L	1	12/19/2007 10:10:00 PM
1,2-Dichloropropane	U	1.0		µg/L	1	12/19/2007 10:10:00 PM
1,3,5-Trimethylbenzene	U	1.0		µg/L	1	12/19/2007 10:10:00 PM
1,3-Dichlorobenzene	U	1.0		µg/L	1	12/19/2007 10:10:00 PM
1,3-dichloropropane	U	1.0		µg/L	1	12/19/2007 10:10:00 PM
1,4-Dichlorobenzene	U	1.0		µg/L	1	12/19/2007 10:10:00 PM
1,4-Dioxane	U	1.0		µg/L	1	12/19/2007 10:10:00 PM
2,2-Dichloropropane	U	1.0		µg/L	1	12/19/2007 10:10:00 PM
2-Butanone	U	3.0		µg/L	1	12/19/2007 10:10:00 PM
2-Chloroethyl vinyl ether	U	1.0		µg/L	1	12/19/2007 10:10:00 PM
2-Chlorotoluene	U	1.0		µg/L	1	12/19/2007 10:10:00 PM
2-Hexanone	U	2.0		µg/L	1	12/19/2007 10:10:00 PM
2-Propanol	U	1.0		µg/L	1	12/19/2007 10:10:00 PM
4-Chlorotoluene	U	1.0		µg/L	1	12/19/2007 10:10:00 PM
4-Isopropyltoluene	U	1.0		µg/L	1	12/19/2007 10:10:00 PM
4-Methyl-2-pentanone	U	2.0		µg/L	1	12/19/2007 10:10:00 PM
Acetone	U	2.0		µg/L	1	12/19/2007 10:10:00 PM
Acrolein	U	1.0		µg/L	1	12/19/2007 10:10:00 PM
Acrylonitrile	U	1.0		µg/L	1	12/19/2007 10:10:00 PM
Benzene	U	1.0		µg/L	1	12/19/2007 10:10:00 PM
Bromobenzene	U	1.0		µg/L	1	12/19/2007 10:10:00 PM
Bromochloromethane	U	1.0		µg/L	1	12/19/2007 10:10:00 PM
Bromodichloromethane	U	1.0		µg/L	1	12/19/2007 10:10:00 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed for but not detected	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: 20-Dec-07

CLIENT: Tom Ryan **Client Sample ID:** MW-4
Lab Order: 0712342 **Tag Number:**
Project: Bayville Village Cleaners, 290 Bayville Ave **Collection Date:** 12/17/2007
Lab ID: 0712342-03A **Matrix:** LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		SW8260B		Analyst: LA		
Bromoform	U	1.0		µg/L	1	12/19/2007 10:10:00 PM
Bromomethane	U	1.0		µg/L	1	12/19/2007 10:10:00 PM
Carbon disulfide	U	1.0		µg/L	1	12/19/2007 10:10:00 PM
Carbon tetrachloride	U	1.0		µg/L	1	12/19/2007 10:10:00 PM
Chlorobenzene	U	1.0		µg/L	1	12/19/2007 10:10:00 PM
Chlorodifluoromethane	U	1.0		µg/L	1	12/19/2007 10:10:00 PM
Chloroethane	U	1.0		µg/L	1	12/19/2007 10:10:00 PM
Chloroform	U	1.0		µg/L	1	12/19/2007 10:10:00 PM
Chloromethane	U	1.0		µg/L	1	12/19/2007 10:10:00 PM
cis-1,2-Dichloroethene	U	1.0		µg/L	1	12/19/2007 10:10:00 PM
cis-1,3-Dichloropropene	U	1.0		µg/L	1	12/19/2007 10:10:00 PM
Dibromochloromethane	U	1.0		µg/L	1	12/19/2007 10:10:00 PM
Dibromomethane	U	1.0		µg/L	1	12/19/2007 10:10:00 PM
Dichlorodifluoromethane	U	1.0		µg/L	1	12/19/2007 10:10:00 PM
Diisopropyl ether	U	1.0		µg/L	1	12/19/2007 10:10:00 PM
Ethanol	U	1.0		µg/L	1	12/19/2007 10:10:00 PM
Ethyl acetate	U	1.0		µg/L	1	12/19/2007 10:10:00 PM
Ethylbenzene	U	1.0		µg/L	1	12/19/2007 10:10:00 PM
Freon-114	U	1.0		µg/L	1	12/19/2007 10:10:00 PM
Hexachlorobutadiene	U	1.0		µg/L	1	12/19/2007 10:10:00 PM
Isopropyl acetate	U	1.0		µg/L	1	12/19/2007 10:10:00 PM
Isopropylbenzene	U	1.0		µg/L	1	12/19/2007 10:10:00 PM
m,p-Xylene	U	2.0		µg/L	1	12/19/2007 10:10:00 PM
Methyl tert-butyl ether	U	1.0		µg/L	1	12/19/2007 10:10:00 PM
Methylene chloride	U	1.0		µg/L	1	12/19/2007 10:10:00 PM
n-Amyl acetate	U	1.0		µg/L	1	12/19/2007 10:10:00 PM
Naphthalene	U	1.0		µg/L	1	12/19/2007 10:10:00 PM
n-Butyl acetate	U	2.0		µg/L	1	12/19/2007 10:10:00 PM
n-Butylbenzene	U	1.0		µg/L	1	12/19/2007 10:10:00 PM
n-Propyl acetate	U	1.0		µg/L	1	12/19/2007 10:10:00 PM
n-Propylbenzene	U	1.0		µg/L	1	12/19/2007 10:10:00 PM
o-Xylene	U	1.0		µg/L	1	12/19/2007 10:10:00 PM
p-Diethylbenzene	U	1.0		µg/L	1	12/19/2007 10:10:00 PM
p-Ethyltoluene	U	1.0		µg/L	1	12/19/2007 10:10:00 PM
sec-Butylbenzene	U	1.0		µg/L	1	12/19/2007 10:10:00 PM
Styrene	U	1.0		µg/L	1	12/19/2007 10:10:00 PM
t-Butyl alcohol	U	1.0		µg/L	1	12/19/2007 10:10:00 PM
tert-Butylbenzene	U	1.0		µg/L	1	12/19/2007 10:10:00 PM
Tetrachloroethene	6.4	1.0		µg/L	1	12/19/2007 10:10:00 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed for but not detected	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: 20-Dec-07

CLIENT:	Tom Ryan	Client Sample ID:	MW-4
Lab Order:	0712342	Tag Number:	
Project:	Bayville Village Cleaners, 290 Bayville Ave	Collection Date:	12/17/2007
Lab ID:	0712342-03A	Matrix:	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		SW8260B		Analyst: LA		
Toluene	U	1.0		µg/L	1	12/19/2007 10:10:00 PM
trans-1,2-Dichloroethene	U	1.0		µg/L	1	12/19/2007 10:10:00 PM
trans-1,3-Dichloropropene	U	1.0		µg/L	1	12/19/2007 10:10:00 PM
Trichloroethene	U	1.0		µg/L	1	12/19/2007 10:10:00 PM
Trichlorofluoromethane	U	1.0		µg/L	1	12/19/2007 10:10:00 PM
Vinyl acetate	U	1.0		µg/L	1	12/19/2007 10:10:00 PM
Vinyl chloride	U	1.0		µg/L	1	12/19/2007 10:10:00 PM
Surr: 4-Bromofluorobenzene	103	54-134		%REC	1	12/19/2007 10:10:00 PM
Surr: Dibromofluoromethane	93.7	52-132		%REC	1	12/19/2007 10:10:00 PM
Surr: Toluene-d8	99.3	51-127		%REC	1	12/19/2007 10:10:00 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed for but not detected	X	Value exceeds Maximum Contaminant Level

CLIENT: Tom Ryan
 Work Order: 0712342
 Project: Bayville Village Cleaners, 290 Bayville Ave

ANALYTICAL QC SUMMARY REPORT

TestCode: Full8260_W

Sample ID	VLCS121907H	SampType: LCS	TestCode: Full8260_W	Units: µg/L	Prep Date:	RunNo: 31067					
Client ID:	LCSW	Batch ID: R31067	TestNo: SW8260B	Analysis Date: 12/19/2007	SeqNo: 392575						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	U	1.0	0	0	0						
1,1,1-Trichloroethane	32	1.0	0	0	0						
1,1,2,2-Tetrachloroethane	31	1.0	0	0	0						
1,1,2-Trichloro-1,2,2-trifluoroethane	U	1.0	0	0	0						
1,1,2-Trichloroethane	31	1.0	0	0	0						
1,1-Dichloroethane	32	1.0	0	0	0						
1,1-Dichloroethene	39	1.0	50.00	0	77.7	51	139				
1,1-Dichloropropene	U	1.0	0	0	0						
1,2,3-Trichlorobenzene	U	1.0	0	0	0						
1,2,3-Trichloropropane	U	1.0	0	0	0						
1,2,4,5-Tetramethylbenzene	U	1.0	0	0	0						
1,2,4-Trichlorobenzene	U	1.0	0	0	0						
1,2,4-Trimethylbenzene	U	1.0	0	0	0						
1,2-Dibromo-3-chloropropane	U	1.0	0	0	0						
1,2-Dibromoethane	U	1.0	0	0	0						
1,2-Dichlorobenzene	27	1.0	0	0	0						
1,2-Dichloroethane	30	1.0	0	0	0						
1,2-Dichloropropane	30	1.0	0	0	0						
1,3,5-Trimethylbenzene	U	1.0	0	0	0						
1,3-Dichlorobenzene	28	1.0	0	0	0						
1,3-dichloropropane	U	1.0	0	0	0						
1,4-Dichlorobenzene	29	1.0	0	0	0						
2,2-Dichloropropane	U	1.0	0	0	0						
2-Butanone	U	3.0	0	0	0						
2-Chloroethyl vinyl ether	17	1.0	0	0	0						
2-Chlorotoluene	U	1.0	0	0	0						
2-Hexanone	U	2.0	0	0	0						
2-Propanol	U	1.0	0	0	0						
4-Chlorotoluene	U	1.0	0	0	0						
4-Isopropyltoluene	U	1.0	0	0	0						

Qualifiers: E Value above quantitation range H Holding times for preparation or analysis exceeded J Analyte detected below quantitation li
 ND Not Detected at the Reporting Limit R RPD outside accepted recovery limits S Spike Recovery outside accepted reco
 U Indicates the compound was analyzed for but not detecte

CLIENT: Tom Ryan
Work Order: 0712342
Project: Bayville Village Cleaners, 290 Bayville Ave

ANALYTICAL QC SUMMARY REPORT

TestCode: Full8260_W

Sample ID	VLCS121907H	SampType:	LCS	TestCode:	Full8260_W	Units:	µg/L	Prep Date:		RunNo:	31067
Client ID:	LCSW	Batch ID:	R31067	TestNo:	SW8260B			Analysis Date:	12/19/2007	SeqNo:	392575
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4-Methyl-2-pentanone	U	2.0	0	0	0						
Acetone	29	2.0	0	0	0						
Acrolein	U	1.0	0	0	0						
Acrylonitrile	U	1.0	0	0	0						
Benzene	32	1.0	50.00	0	64.9	53	135				
Bromobenzene	U	1.0	0	0	0						
Bromochloromethane	U	1.0	0	0	0						
Bromodichloromethane	30	1.0	0	0	0						
Bromoform	24	1.0	0	0	0						
Bromomethane	31	1.0	0	0	0						
Carbon disulfide	U	1.0	0	0	0						
Carbon tetrachloride	32	1.0	0	0	0						
Chlorobenzene	31	1.0	50.00	0	62.7	58	142				
Chlorodifluoromethane	U	1.0	0	0	0						
Chloroethane	36	1.0	0	0	0						
Chloroform	32	1.0	0	0	0						
Chloromethane	42	1.0	0	0	0						
cis-1,2-Dichloroethene	U	1.0	0	0	0						
cis-1,3-Dichloropropene	30	1.0	0	0	0						
Dibromochloromethane	29	1.0	0	0	0						
Dibromomethane	U	1.0	0	0	0						
Dichlorodifluoromethane	U	1.0	0	0	0						
Diisopropyl ether	U	1.0	0	0	0						
Ethanol	U	1.0	0	0	0						
Ethyl acetate	32	1.0	0	0	0						
Ethylbenzene	31	1.0	0	0	0						
Freon-114	U	1.0	0	0	0						
Hexachlorobutadiene	U	1.0	0	0	0						
Isopropyl acetate	U	1.0	0	0	0						
Isopropylbenzene	U	1.0	0	0	0						
m,p-Xylene	U	2.0	0	0	0						

Qualifiers:	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed for but not detected				

CLIENT: Tom Ryan
Work Order: 0712342
Project: Bayville Village Cleaners, 290 Bayville Ave

ANALYTICAL QC SUMMARY REPORT

TestCode: Full8260_W

Sample ID	VLCS121907H	SampType:	LCS	TestCode:	Full8260_W	Units:	µg/L	Prep Date:		RunNo:	31067
Client ID:	LCSW	Batch ID:	R31067	TestNo:	SW8260B			Analysis Date:	12/19/2007	SeqNo:	392575
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Methyl tert-butyl ether	U	1.0	0	0	0						
Methylene chloride	U	1.0	0	0	0						
Naphthalene	U	1.0	0	0	0						
n-Butyl acetate	23	2.0	0	0	0						
n-Butylbenzene	U	1.0	0	0	0						
n-Propyl acetate	U	1.0	0	0	0						
n-Propylbenzene	U	1.0	0	0	0						
o-Xylene	U	1.0	0	0	0						
p-Diethylbenzene	U	1.0	0	0	0						
p-Ethyltoluene	U	1.0	0	0	0						
sec-Butylbenzene	U	1.0	0	0	0						
Styrene	U	1.0	0	0	0						
t-Butyl alcohol	U	1.0	0	0	0						
tert-Butylbenzene	U	1.0	0	0	0						
Tetrachloroethene	31	1.0	0	0	0						
Toluene	32	1.0	50.00	0	64.5	50	142				
trans-1,2-Dichloroethene	32	1.0	0	0	0						
trans-1,3-Dichloropropene	28	1.0	0	0	0						
Trichloroethene	32	1.0	50.00	0	63.3	53	131				
Trichlorofluoromethane	36	1.0	0	0	0						
Vinyl acetate	U	1.0	0	0	0						
Vinyl chloride	38	1.0	0	0	0						
Surr: 4-Bromofluorobenzene	52		50.00		103	54	134				
Surr: Dibromofluoromethane	51		50.00		102	52	132				
Surr: Toluene-d8	50		50.00		101	51	127				

Sample ID	VLCS121907H	SampType:	MBLK	TestCode:	Full8260_W	Units:	µg/L	Prep Date:		RunNo:	31067
Client ID:	PBW	Batch ID:	R31067	TestNo:	SW8260B			Analysis Date:	12/19/2007	SeqNo:	392576
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1,1,2-Tetrachloroethane	U	1.0									
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Qualifiers:	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation l
	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted reco
	U	Indicates the compound was analyzed for but not detecte				

CLIENT: Tom Ryan
Work Order: 0712342
Project: Bayville Village Cleaners, 290 Bayville Ave

ANALYTICAL QC SUMMARY REPORT

TestCode: Full8260_W

Sample ID	VBK121907H	SampType:	MBLK	TestCode:	Full8260_W	Units:	µg/L	Prep Date:		RunNo:	31067
Client ID:	PBW	Batch ID:	R31067	TestNo:	SW8260B			Analysis Date:	12/19/2007	SeqNo:	392576
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	U	1.0									
1,1,2,2-Tetrachloroethane	U	1.0									
1,1,2-Trichloro-1,2,2-trifluoroethane	U	1.0									
1,1,2-Trichloroethane	U	1.0									
1,1-Dichloroethane	U	1.0									
1,1-Dichloroethene	U	1.0									
1,1-Dichloropropene	U	1.0									
1,2,3-Trichlorobenzene	U	1.0									
1,2,3-Trichloropropane	U	1.0									
1,2,4,5-Tetramethylbenzene	U	1.0									
1,2,4-Trichlorobenzene	U	1.0									
1,2,4-Trimethylbenzene	U	1.0									
1,2-Dibromo-3-chloropropane	U	1.0									
1,2-Dibromoethane	U	1.0									
1,2-Dichlorobenzene	U	1.0									
1,2-Dichloroethane	U	1.0									
1,2-Dichloropropane	U	1.0									
1,3,5-Trimethylbenzene	U	1.0									
1,3-Dichlorobenzene	U	1.0									
1,3-dichloropropane	U	1.0									
1,4-Dichlorobenzene	U	1.0									
1,4-Dioxane	U	1.0									
2,2-Dichloropropane	U	1.0									
2-Butanone	U	3.0									
2-Chloroethyl vinyl ether	U	1.0									
2-Chlorotoluene	U	1.0									
2-Hexanone	U	2.0									
2-Propanol	U	1.0									
4-Chlorotoluene	U	1.0									
4-Isopropyltoluene	U	1.0									
4-Methyl-2-pentanone	U	2.0									

Qualifiers:	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation li
	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted reco
	U	Indicates the compound was analyzed for but not detecte				

CLIENT: Tom Ryan
Work Order: 0712342
Project: Bayville Village Cleaners, 290 Bayville Ave

ANALYTICAL QC SUMMARY REPORT

TestCode: Full8260_W

Sample ID	VBLK121907H	SampType:	MBLK	TestCode:	Full8260_W	Units:	µg/L	Prep Date:		RunNo:	31067
Client ID:	PBW	Batch ID:	R31067	TestNo:	SW8260B			Analysis Date:	12/19/2007	SeqNo:	392576
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acetone	U	2.0									
Acrolein	U	1.0									
Acrylonitrile	U	1.0									
Benzene	U	1.0									
Bromobenzene	U	1.0									
Bromochloromethane	U	1.0									
Bromodichloromethane	U	1.0									
Bromoform	U	1.0									
Bromomethane	U	1.0									
Carbon disulfide	U	1.0									
Carbon tetrachloride	U	1.0									
Chlorobenzene	U	1.0									
Chlorodifluoromethane	U	1.0									
Chloroethane	U	1.0									
Chloroform	U	1.0									
Chloromethane	U	1.0									
cis-1,2-Dichloroethene	U	1.0									
cis-1,3-Dichloropropene	U	1.0									
Dibromochloromethane	U	1.0									
Dibromomethane	U	1.0									
Dichlorodifluoromethane	U	1.0									
Diisopropyl ether	U	1.0									
Ethanol	U	1.0									
Ethyl acetate	U	1.0									
Ethylbenzene	U	1.0									
Freon-114	U	1.0									
Hexachlorobutadiene	U	1.0									
Isopropyl acetate	U	1.0									
Isopropylbenzene	U	1.0									
m,p-Xylene	U	2.0									
Methyl tert-butyl ether	U	1.0									

Qualifiers:	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation li
	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted reco
	U	Indicates the compound was analyzed for but not detecte				

CLIENT: Tom Ryan
Work Order: 0712342
Project: Bayville Village Cleaners, 290 Bayville Ave

ANALYTICAL QC SUMMARY REPORT

TestCode: Full8260_W

Sample ID	VBLK121907H	SampType:	MBLK	TestCode:	Full8260_W	Units:	µg/L	Prep Date:		RunNo:	31067
Client ID:	PBW	Batch ID:	R31067	TestNo:	SW8260B			Analysis Date:	12/19/2007	SeqNo:	392576
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methylene chloride	2.5	1.0									
n-Amyl acetate	U	1.0									
Naphthalene	U	1.0									
n-Butyl acetate	U	2.0									
n-Butylbenzene	U	1.0									
n-Propyl acetate	U	1.0									
n-Propylbenzene	U	1.0									
o-Xylene	U	1.0									
p-Diethylbenzene	U	1.0									
p-Ethyltoluene	U	1.0									
sec-Butylbenzene	U	1.0									
Styrene	U	1.0									
t-Butyl alcohol	U	1.0									
tert-Butylbenzene	U	1.0									
Tetrachloroethene	U	1.0									
Toluene	U	1.0									
trans-1,2-Dichloroethene	U	1.0									
trans-1,3-Dichloropropene	U	1.0									
Trichloroethene	U	1.0									
Trichlorofluoromethane	U	1.0									
Vinyl acetate	U	1.0									
Vinyl chloride	U	1.0									
Surr: 4-Bromofluorobenzene	53		50.00		107	54	134				
Surr: Dibromofluoromethane	57		50.00		114	52	135				
Surr: Toluene-d8	50		50.00		99.3	51	123				

Qualifiers:	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation li
	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted reco
	U	Indicates the compound was analyzed for but not detecte				



NYSDOH 11418
NJDEP NY050
CTDOH PH-0205
PADEP 68-00573

Thursday, December 27, 2007

Peter Brighton
Tom Ryan
19 Todd Drive
Glen Head, NY 11545

TEL: (516) 624-7200

FAX

RE: Tom Ryan, 19 Todd Dr, Glen Head, NY

Order No.: 0712353

Dear Peter Brighton:

American Analytical Laboratories, LLC. received 4 sample(s) on 12/19/2007 for the analyses presented in the following report.

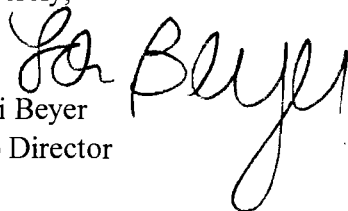
Samples were analyzed in accordance with the test procedures documented on the chain of custody and detailed throughout the text of this report.

The limits provided in the data package are analytical reporting limits and not Federal or Local mandated values to which the sample results should be compared.

There were no problems with the analyses and all data for associated QC met laboratory specifications. If there are any exceptions a Case Narrative is provided in the report.

If you have any questions regarding these tests results, please do not hesitate to call (631) 454-6100 or email me directly at lbeyer@american-analytical.com.

Sincerely,


Lori Beyer
Lab Director

American Analytical Laboratories, LLC.

Date: 27-Dec-07

CLIENT: Tom Ryan
Project: Tom Ryan, 19 Todd Dr, Glen Head, NY
Lab Order: 0712353

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Date Collected	Date Received
0712353-01A	SD-1		12/18/2007	12/19/2007
0712353-02A	MW-3		12/18/2007	12/19/2007
0712353-03A	LP-1		12/18/2007	12/19/2007
0712353-04A	LP-2		12/18/2007	12/19/2007

WHITE OFFICE / CANADIAN LAB / 1970-1971

AMERICAN ANALYTICAL LABORATORIES, LLC

56 TOLEDO STREET

FARMINGDALE, NEW YORK 11735

TELEPHONE: (631) 454-6100 FAX: (631) 454-8027

DATA REPORTING QUALIFIERS

For reporting results, the following "Results Qualifiers" are used:

Value	If the result is greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
J	Indicates an estimated value. The flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3ug/L was calculated report as 3J. This flag is used when similar situations arise on any organic parameter i.e. Pesticide, PCBs and others.
B	Indicates the analyte was found in the blank as well as the sample report "10B".
E	Indicates the analytes concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide / PCB target analyte when there is >25% difference for detected concentrations between the two GC Columns. The higher of the two values is reported on Form I and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
H	Indicates sample was received and/or analyzed outside of The method allowable holding time

Lab Order: 0712353
 Client: Tom Ryan
 Project: Tom Ryan, 19 Todd Dr, Glen Hea

DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
0712353-01A	SD-1	12/18/2007	Soil	PERCENT MOISTURE			12/20/2007
				VOLATILE SW-846 METHOD 8260		12/20/2007	12/21/2007
0712353-02A	MW-3		Liquid	VOLATILE SW-846 METHOD 8260		12/20/2007	12/21/2007
0712353-03A	LP-1		Soil	PERCENT MOISTURE			12/20/2007
				VOLATILE SW-846 METHOD 8260		12/20/2007	12/24/2007
0712353-04A	LP-2		Liquid	VOLATILE SW-846 METHOD 8260		12/20/2007	12/21/2007

American Analytical Laboratories, LLC.

Date: 27-Dec-07

CLIENT:	Tom Ryan	Client Sample ID:	SD-1
Lab Order:	0712353	Tag Number:	
Project:	Tom Ryan, 19 Todd Dr, Glen Head, NY	Collection Date:	12/18/2007
Lab ID:	0712353-01A	Matrix:	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PERCENT MOISTURE		D2216				Analyst: GE
Percent Moisture	22.2	0		wt%	1	12/20/2007
VOLATILE SW-846 METHOD 8260		SW8260B				Analyst: LA
1,1,1,2-Tetrachloroethane	U	6.4		µg/Kg-dry	1	12/21/2007 5:00:00 PM
1,1,1-Trichloroethane	U	6.4		µg/Kg-dry	1	12/21/2007 5:00:00 PM
1,1,2,2-Tetrachloroethane	U	6.4		µg/Kg-dry	1	12/21/2007 5:00:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	6.4		µg/Kg-dry	1	12/21/2007 5:00:00 PM
1,1,2-Trichloroethane	U	6.4		µg/Kg-dry	1	12/21/2007 5:00:00 PM
1,1-Dichloroethane	U	6.4		µg/Kg-dry	1	12/21/2007 5:00:00 PM
1,1-Dichloroethene	U	6.4		µg/Kg-dry	1	12/21/2007 5:00:00 PM
1,1-Dichloropropene	U	6.4		µg/Kg-dry	1	12/21/2007 5:00:00 PM
1,2,3-Trichlorobenzene	U	6.4		µg/Kg-dry	1	12/21/2007 5:00:00 PM
1,2,3-Trichloropropane	U	6.4		µg/Kg-dry	1	12/21/2007 5:00:00 PM
1,2,4,5-Tetramethylbenzene	U	6.4		µg/Kg-dry	1	12/21/2007 5:00:00 PM
1,2,4-Trichlorobenzene	U	6.4		µg/Kg-dry	1	12/21/2007 5:00:00 PM
1,2,4-Trimethylbenzene	1.3	6.4	J	µg/Kg-dry	1	12/21/2007 5:00:00 PM
1,2-Dibromo-3-chloropropane	U	6.4		µg/Kg-dry	1	12/21/2007 5:00:00 PM
1,2-Dibromoethane	U	6.4		µg/Kg-dry	1	12/21/2007 5:00:00 PM
1,2-Dichlorobenzene	U	6.4		µg/Kg-dry	1	12/21/2007 5:00:00 PM
1,2-Dichloroethane	U	6.4		µg/Kg-dry	1	12/21/2007 5:00:00 PM
1,2-Dichloropropane	U	6.4		µg/Kg-dry	1	12/21/2007 5:00:00 PM
1,3,5-Trimethylbenzene	U	6.4		µg/Kg-dry	1	12/21/2007 5:00:00 PM
1,3-Dichlorobenzene	U	6.4		µg/Kg-dry	1	12/21/2007 5:00:00 PM
1,3-dichloropropane	U	6.4		µg/Kg-dry	1	12/21/2007 5:00:00 PM
1,4-Dichlorobenzene	U	6.4		µg/Kg-dry	1	12/21/2007 5:00:00 PM
1,4-Dioxane	U	6.4		µg/Kg-dry	1	12/21/2007 5:00:00 PM
2,2-Dichloropropane	U	6.4		µg/Kg-dry	1	12/21/2007 5:00:00 PM
2-Butanone	U	6.4		µg/Kg-dry	1	12/21/2007 5:00:00 PM
2-Chloroethyl vinyl ether	U	6.4		µg/Kg-dry	1	12/21/2007 5:00:00 PM
2-Chlorotoluene	U	6.4		µg/Kg-dry	1	12/21/2007 5:00:00 PM
2-Hexanone	U	6.4		µg/Kg-dry	1	12/21/2007 5:00:00 PM
2-Propanol	U	64		µg/Kg-dry	1	12/21/2007 5:00:00 PM
4-Chlorotoluene	U	6.4		µg/Kg-dry	1	12/21/2007 5:00:00 PM
4-Isopropyltoluene	U	6.4		µg/Kg-dry	1	12/21/2007 5:00:00 PM
4-Methyl-2-pentanone	U	6.4		µg/Kg-dry	1	12/21/2007 5:00:00 PM
Acetone	U	6.4		µg/Kg-dry	1	12/21/2007 5:00:00 PM
Acrolein	U	32		µg/Kg-dry	1	12/21/2007 5:00:00 PM
Acrylonitrile	U	6.4		µg/Kg-dry	1	12/21/2007 5:00:00 PM
Benzene	U	6.4		µg/Kg-dry	1	12/21/2007 5:00:00 PM
Bromobenzene	U	6.4		µg/Kg-dry	1	12/21/2007 5:00:00 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed for but not detected	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: 27-Dec-07

CLIENT:	Tom Ryan	Client Sample ID:	SD-1
Lab Order:	0712353	Tag Number:	
Project:	Tom Ryan, 19 Todd Dr, Glen Head, NY	Collection Date:	12/18/2007
Lab ID:	0712353-01A	Matrix:	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		SW8260B		Analyst: LA		
Bromochloromethane	U	6.4		µg/Kg-dry	1	12/21/2007 5:00:00 PM
Bromodichloromethane	U	6.4		µg/Kg-dry	1	12/21/2007 5:00:00 PM
Bromoform	U	6.4		µg/Kg-dry	1	12/21/2007 5:00:00 PM
Bromomethane	U	6.4		µg/Kg-dry	1	12/21/2007 5:00:00 PM
Carbon disulfide	U	6.4		µg/Kg-dry	1	12/21/2007 5:00:00 PM
Carbon tetrachloride	U	6.4		µg/Kg-dry	1	12/21/2007 5:00:00 PM
Chlorobenzene	U	6.4		µg/Kg-dry	1	12/21/2007 5:00:00 PM
Chlorodifluoromethane	U	6.4		µg/Kg-dry	1	12/21/2007 5:00:00 PM
Chloroethane	U	6.4		µg/Kg-dry	1	12/21/2007 5:00:00 PM
Chloroform	U	6.4		µg/Kg-dry	1	12/21/2007 5:00:00 PM
Chloromethane	U	6.4		µg/Kg-dry	1	12/21/2007 5:00:00 PM
cis-1,2-Dichloroethene	U	6.4		µg/Kg-dry	1	12/21/2007 5:00:00 PM
cis-1,3-Dichloropropene	U	6.4		µg/Kg-dry	1	12/21/2007 5:00:00 PM
Dibromochloromethane	U	6.4		µg/Kg-dry	1	12/21/2007 5:00:00 PM
Dibromomethane	U	6.4		µg/Kg-dry	1	12/21/2007 5:00:00 PM
Dichlorodifluoromethane	U	6.4		µg/Kg-dry	1	12/21/2007 5:00:00 PM
Diisopropyl ether	U	6.4		µg/Kg-dry	1	12/21/2007 5:00:00 PM
Ethanol	U	32		µg/Kg-dry	1	12/21/2007 5:00:00 PM
Ethyl acetate	U	6.4		µg/Kg-dry	1	12/21/2007 5:00:00 PM
Ethylbenzene	U	6.4		µg/Kg-dry	1	12/21/2007 5:00:00 PM
Freon-114	U	6.4		µg/Kg-dry	1	12/21/2007 5:00:00 PM
Hexachlorobutadiene	U	6.4		µg/Kg-dry	1	12/21/2007 5:00:00 PM
Isopropyl acetate	U	6.4		µg/Kg-dry	1	12/21/2007 5:00:00 PM
Isopropylbenzene	U	6.4		µg/Kg-dry	1	12/21/2007 5:00:00 PM
m,p-Xylene	U	13		µg/Kg-dry	1	12/21/2007 5:00:00 PM
Methyl tert-butyl ether	U	6.4		µg/Kg-dry	1	12/21/2007 5:00:00 PM
Methylene chloride	14	6.4	B	µg/Kg-dry	1	12/21/2007 5:00:00 PM
n-Amyl acetate	U	6.4		µg/Kg-dry	1	12/21/2007 5:00:00 PM
Naphthalene	U	6.4		µg/Kg-dry	1	12/21/2007 5:00:00 PM
n-Butyl acetate	U	6.4		µg/Kg-dry	1	12/21/2007 5:00:00 PM
n-Butylbenzene	U	6.4		µg/Kg-dry	1	12/21/2007 5:00:00 PM
n-Propyl acetate	U	6.4		µg/Kg-dry	1	12/21/2007 5:00:00 PM
n-Propylbenzene	U	6.4		µg/Kg-dry	1	12/21/2007 5:00:00 PM
o-Xylene	U	6.4		µg/Kg-dry	1	12/21/2007 5:00:00 PM
p-Diethylbenzene	U	6.4		µg/Kg-dry	1	12/21/2007 5:00:00 PM
p-Ethyltoluene	U	6.4		µg/Kg-dry	1	12/21/2007 5:00:00 PM
sec-Butylbenzene	U	6.4		µg/Kg-dry	1	12/21/2007 5:00:00 PM
Styrene	U	6.4		µg/Kg-dry	1	12/21/2007 5:00:00 PM
t-Butyl alcohol	U	6.4		µg/Kg-dry	1	12/21/2007 5:00:00 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed for but not detected	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: 27-Dec-07

CLIENT:	Tom Ryan	Client Sample ID:	SD-1
Lab Order:	0712353	Tag Number:	
Project:	Tom Ryan, 19 Todd Dr, Glen Head, NY	Collection Date:	12/18/2007
Lab ID:	0712353-01A	Matrix:	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		SW8260B		Analyst: LA		
tert-Butylbenzene	U	6.4		µg/Kg-dry	1	12/21/2007 5:00:00 PM
Tetrachloroethene	U	6.4		µg/Kg-dry	1	12/21/2007 5:00:00 PM
Toluene	1.6	6.4	J	µg/Kg-dry	1	12/21/2007 5:00:00 PM
trans-1,2-Dichloroethene	U	6.4		µg/Kg-dry	1	12/21/2007 5:00:00 PM
trans-1,3-Dichloropropene	U	6.4		µg/Kg-dry	1	12/21/2007 5:00:00 PM
Trichloroethene	U	6.4		µg/Kg-dry	1	12/21/2007 5:00:00 PM
Trichlorofluoromethane	U	6.4		µg/Kg-dry	1	12/21/2007 5:00:00 PM
Vinyl acetate	U	6.4		µg/Kg-dry	1	12/21/2007 5:00:00 PM
Vinyl chloride	U	6.4		µg/Kg-dry	1	12/21/2007 5:00:00 PM
Surr: 4-Bromofluorobenzene	93.4	61-133		%REC	1	12/21/2007 5:00:00 PM
Surr: Dibromofluoromethane	96.2	61-139		%REC	1	12/21/2007 5:00:00 PM
Surr: Toluene-d8	97.2	57-131		%REC	1	12/21/2007 5:00:00 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed for but not detected	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: 27-Dec-07

CLIENT: Tom Ryan
Lab Order: 0712353
Project: Tom Ryan, 19 Todd Dr, Glen Head, NY
Lab ID: 0712353-02A

Client Sample ID: MW-3
Tag Number:
Collection Date: 12/18/2007
Matrix: LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		SW8260B		Analyst: LA		
1,1,1,2-Tetrachloroethane	U	1.0		µg/L	1	12/21/2007 3:06:00 AM
1,1,1-Trichloroethane	U	1.0		µg/L	1	12/21/2007 3:06:00 AM
1,1,2,2-Tetrachloroethane	U	1.0		µg/L	1	12/21/2007 3:06:00 AM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	1.0		µg/L	1	12/21/2007 3:06:00 AM
1,1,2-Trichloroethane	U	1.0		µg/L	1	12/21/2007 3:06:00 AM
1,1-Dichloroethane	U	1.0		µg/L	1	12/21/2007 3:06:00 AM
1,1-Dichloroethene	U	1.0		µg/L	1	12/21/2007 3:06:00 AM
1,1-Dichloropropene	U	1.0		µg/L	1	12/21/2007 3:06:00 AM
1,2,3-Trichlorobenzene	U	1.0		µg/L	1	12/21/2007 3:06:00 AM
1,2,3-Trichloropropane	U	1.0		µg/L	1	12/21/2007 3:06:00 AM
1,2,4,5-Tetramethylbenzene	U	1.0		µg/L	1	12/21/2007 3:06:00 AM
1,2,4-Trichlorobenzene	U	1.0		µg/L	1	12/21/2007 3:06:00 AM
1,2,4-Trimethylbenzene	U	1.0		µg/L	1	12/21/2007 3:06:00 AM
1,2-Dibromo-3-chloropropane	U	1.0		µg/L	1	12/21/2007 3:06:00 AM
1,2-Dibromoethane	U	1.0		µg/L	1	12/21/2007 3:06:00 AM
1,2-Dichlorobenzene	U	1.0		µg/L	1	12/21/2007 3:06:00 AM
1,2-Dichloroethane	U	1.0		µg/L	1	12/21/2007 3:06:00 AM
1,2-Dichloropropane	U	1.0		µg/L	1	12/21/2007 3:06:00 AM
1,3,5-Trimethylbenzene	U	1.0		µg/L	1	12/21/2007 3:06:00 AM
1,3-Dichlorobenzene	U	1.0		µg/L	1	12/21/2007 3:06:00 AM
1,3-dichloropropane	U	1.0		µg/L	1	12/21/2007 3:06:00 AM
1,4-Dichlorobenzene	U	1.0		µg/L	1	12/21/2007 3:06:00 AM
1,4-Dioxane	U	1.0		µg/L	1	12/21/2007 3:06:00 AM
2,2-Dichloropropane	U	1.0		µg/L	1	12/21/2007 3:06:00 AM
2-Butanone	U	3.0		µg/L	1	12/21/2007 3:06:00 AM
2-Chloroethyl vinyl ether	U	1.0		µg/L	1	12/21/2007 3:06:00 AM
2-Chlorotoluene	U	1.0		µg/L	1	12/21/2007 3:06:00 AM
2-Hexanone	U	2.0		µg/L	1	12/21/2007 3:06:00 AM
2-Propanol	U	1.0		µg/L	1	12/21/2007 3:06:00 AM
4-Chlorotoluene	U	1.0		µg/L	1	12/21/2007 3:06:00 AM
4-Isopropyltoluene	U	1.0		µg/L	1	12/21/2007 3:06:00 AM
4-Methyl-2-pentanone	U	2.0		µg/L	1	12/21/2007 3:06:00 AM
Acetone	U	2.0		µg/L	1	12/21/2007 3:06:00 AM
Acrolein	U	1.0		µg/L	1	12/21/2007 3:06:00 AM
Acrylonitrile	U	1.0		µg/L	1	12/21/2007 3:06:00 AM
Benzene	U	1.0		µg/L	1	12/21/2007 3:06:00 AM
Bromobenzene	U	1.0		µg/L	1	12/21/2007 3:06:00 AM
Bromochloromethane	U	1.0		µg/L	1	12/21/2007 3:06:00 AM
Bromodichloromethane	U	1.0		µg/L	1	12/21/2007 3:06:00 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed for but not detected	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: 27-Dec-07

CLIENT:	Tom Ryan	Client Sample ID:	MW-3
Lab Order:	0712353	Tag Number:	
Project:	Tom Ryan, 19 Todd Dr, Glen Head, NY	Collection Date:	12/18/2007
Lab ID:	0712353-02A	Matrix:	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		SW8260B		Analyst: LA		
Bromoform	U	1.0		µg/L	1	12/21/2007 3:06:00 AM
Bromomethane	U	1.0		µg/L	1	12/21/2007 3:06:00 AM
Carbon disulfide	U	1.0		µg/L	1	12/21/2007 3:06:00 AM
Carbon tetrachloride	U	1.0		µg/L	1	12/21/2007 3:06:00 AM
Chlorobenzene	U	1.0		µg/L	1	12/21/2007 3:06:00 AM
Chlorodifluoromethane	U	1.0		µg/L	1	12/21/2007 3:06:00 AM
Chloroethane	U	1.0		µg/L	1	12/21/2007 3:06:00 AM
Chloroform	U	1.0		µg/L	1	12/21/2007 3:06:00 AM
Chloromethane	U	1.0		µg/L	1	12/21/2007 3:06:00 AM
cis-1,2-Dichloroethene	1.9	1.0		µg/L	1	12/21/2007 3:06:00 AM
cis-1,3-Dichloropropene	U	1.0		µg/L	1	12/21/2007 3:06:00 AM
Dibromochloromethane	U	1.0		µg/L	1	12/21/2007 3:06:00 AM
Dibromomethane	U	1.0		µg/L	1	12/21/2007 3:06:00 AM
Dichlorodifluoromethane	U	1.0		µg/L	1	12/21/2007 3:06:00 AM
Diisopropyl ether	U	1.0		µg/L	1	12/21/2007 3:06:00 AM
Ethanol	U	1.0		µg/L	1	12/21/2007 3:06:00 AM
Ethyl acetate	U	1.0		µg/L	1	12/21/2007 3:06:00 AM
Ethylbenzene	U	1.0		µg/L	1	12/21/2007 3:06:00 AM
Freon-114	U	1.0		µg/L	1	12/21/2007 3:06:00 AM
Hexachlorobutadiene	U	1.0		µg/L	1	12/21/2007 3:06:00 AM
Isopropyl acetate	U	1.0		µg/L	1	12/21/2007 3:06:00 AM
Isopropylbenzene	U	1.0		µg/L	1	12/21/2007 3:06:00 AM
m,p-Xylene	U	2.0		µg/L	1	12/21/2007 3:06:00 AM
Methyl tert-butyl ether	U	1.0		µg/L	1	12/21/2007 3:06:00 AM
Methylene chloride	4.6	1.0	B	µg/L	1	12/21/2007 3:06:00 AM
n-Amyl acetate	U	1.0		µg/L	1	12/21/2007 3:06:00 AM
Naphthalene	U	1.0		µg/L	1	12/21/2007 3:06:00 AM
n-Butyl acetate	U	2.0		µg/L	1	12/21/2007 3:06:00 AM
n-Butylbenzene	U	1.0		µg/L	1	12/21/2007 3:06:00 AM
n-Propyl acetate	U	1.0		µg/L	1	12/21/2007 3:06:00 AM
n-Propylbenzene	U	1.0		µg/L	1	12/21/2007 3:06:00 AM
o-Xylene	U	1.0		µg/L	1	12/21/2007 3:06:00 AM
p-Diethylbenzene	U	1.0		µg/L	1	12/21/2007 3:06:00 AM
p-Ethyltoluene	U	1.0		µg/L	1	12/21/2007 3:06:00 AM
sec-Butylbenzene	U	1.0		µg/L	1	12/21/2007 3:06:00 AM
Styrene	U	1.0		µg/L	1	12/21/2007 3:06:00 AM
t-Butyl alcohol	U	1.0		µg/L	1	12/21/2007 3:06:00 AM
tert-Butylbenzene	U	1.0		µg/L	1	12/21/2007 3:06:00 AM
Tetrachloroethene	2.6	1.0		µg/L	1	12/21/2007 3:06:00 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed for but not detected	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: 27-Dec-07

CLIENT:	Tom Ryan	Client Sample ID:	MW-3
Lab Order:	0712353	Tag Number:	
Project:	Tom Ryan, 19 Todd Dr, Glen Head, NY	Collection Date:	12/18/2007
Lab ID:	0712353-02A	Matrix:	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		SW8260B		Analyst: LA		
Toluene	U	1.0		µg/L	1	12/21/2007 3:06:00 AM
trans-1,2-Dichloroethene	U	1.0		µg/L	1	12/21/2007 3:06:00 AM
trans-1,3-Dichloropropene	U	1.0		µg/L	1	12/21/2007 3:06:00 AM
Trichloroethene	1.2	1.0		µg/L	1	12/21/2007 3:06:00 AM
Trichlorofluoromethane	U	1.0		µg/L	1	12/21/2007 3:06:00 AM
Vinyl acetate	U	1.0		µg/L	1	12/21/2007 3:06:00 AM
Vinyl chloride	U	1.0		µg/L	1	12/21/2007 3:06:00 AM
Surr: 4-Bromofluorobenzene	103	54-134		%REC	1	12/21/2007 3:06:00 AM
Surr: Dibromofluoromethane	99.3	52-132		%REC	1	12/21/2007 3:06:00 AM
Surr: Toluene-d8	99.8	51-127		%REC	1	12/21/2007 3:06:00 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed for but not detected	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: 27-Dec-07

CLIENT: Tom Ryan
Lab Order: 0712353
Project: Tom Ryan, 19 Todd Dr, Glen Head, NY
Lab ID: 0712353-03A

Client Sample ID: LP-1
Tag Number:
Collection Date: 12/18/2007
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PERCENT MOISTURE		D2216				Analyst: GE
Percent Moisture	37.2	0		wt%	1	12/20/2007
VOLATILE SW-846 METHOD 8260		SW8260B				Analyst: LA
1,1,1,2-Tetrachloroethane	U	8.0		µg/Kg-dry	1	12/24/2007 9:55:00 AM
1,1,1-Trichloroethane	U	8.0		µg/Kg-dry	1	12/24/2007 9:55:00 AM
1,1,2,2-Tetrachloroethane	U	8.0		µg/Kg-dry	1	12/24/2007 9:55:00 AM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	8.0		µg/Kg-dry	1	12/24/2007 9:55:00 AM
1,1,2-Trichloroethane	U	8.0		µg/Kg-dry	1	12/24/2007 9:55:00 AM
1,1-Dichloroethane	U	8.0		µg/Kg-dry	1	12/24/2007 9:55:00 AM
1,1-Dichloroethene	U	8.0		µg/Kg-dry	1	12/24/2007 9:55:00 AM
1,1-Dichloropropene	U	8.0		µg/Kg-dry	1	12/24/2007 9:55:00 AM
1,2,3-Trichlorobenzene	U	8.0		µg/Kg-dry	1	12/24/2007 9:55:00 AM
1,2,3-Trichloropropane	U	8.0		µg/Kg-dry	1	12/24/2007 9:55:00 AM
1,2,4,5-Tetramethylbenzene	25	8.0		µg/Kg-dry	1	12/24/2007 9:55:00 AM
1,2,4-Trichlorobenzene	U	8.0		µg/Kg-dry	1	12/24/2007 9:55:00 AM
1,2,4-Trimethylbenzene	11	8.0		µg/Kg-dry	1	12/24/2007 9:55:00 AM
1,2-Dibromo-3-chloropropane	U	8.0		µg/Kg-dry	1	12/24/2007 9:55:00 AM
1,2-Dibromoethane	U	8.0		µg/Kg-dry	1	12/24/2007 9:55:00 AM
1,2-Dichlorobenzene	U	8.0		µg/Kg-dry	1	12/24/2007 9:55:00 AM
1,2-Dichloroethane	U	8.0		µg/Kg-dry	1	12/24/2007 9:55:00 AM
1,2-Dichloropropane	U	8.0		µg/Kg-dry	1	12/24/2007 9:55:00 AM
1,3,5-Trimethylbenzene	7.9	8.0	J	µg/Kg-dry	1	12/24/2007 9:55:00 AM
1,3-Dichlorobenzene	U	8.0		µg/Kg-dry	1	12/24/2007 9:55:00 AM
1,3-dichloropropane	U	8.0		µg/Kg-dry	1	12/24/2007 9:55:00 AM
1,4-Dichlorobenzene	U	8.0		µg/Kg-dry	1	12/24/2007 9:55:00 AM
1,4-Dioxane	U	8.0		µg/Kg-dry	1	12/24/2007 9:55:00 AM
2,2-Dichloropropane	U	8.0		µg/Kg-dry	1	12/24/2007 9:55:00 AM
2-Butanone	U	8.0		µg/Kg-dry	1	12/24/2007 9:55:00 AM
2-Chloroethyl vinyl ether	U	8.0		µg/Kg-dry	1	12/24/2007 9:55:00 AM
2-Chlorotoluene	U	8.0		µg/Kg-dry	1	12/24/2007 9:55:00 AM
2-Hexanone	U	8.0		µg/Kg-dry	1	12/24/2007 9:55:00 AM
2-Propanol	U	8.0		µg/Kg-dry	1	12/24/2007 9:55:00 AM
4-Chlorotoluene	U	8.0		µg/Kg-dry	1	12/24/2007 9:55:00 AM
4-Isopropyltoluene	U	8.0		µg/Kg-dry	1	12/24/2007 9:55:00 AM
4-Methyl-2-pentanone	U	8.0		µg/Kg-dry	1	12/24/2007 9:55:00 AM
Acetone	U	8.0		µg/Kg-dry	1	12/24/2007 9:55:00 AM
Acrolein	U	40		µg/Kg-dry	1	12/24/2007 9:55:00 AM
Acrylonitrile	U	8.0		µg/Kg-dry	1	12/24/2007 9:55:00 AM
Benzene	U	8.0		µg/Kg-dry	1	12/24/2007 9:55:00 AM
Bromobenzene	U	8.0		µg/Kg-dry	1	12/24/2007 9:55:00 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed for but not detected	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: 27-Dec-07

CLIENT:	Tom Ryan	Client Sample ID:	LP-1
Lab Order:	0712353	Tag Number:	
Project:	Tom Ryan, 19 Todd Dr, Glen Head, NY	Collection Date:	12/18/2007
Lab ID:	0712353-03A	Matrix:	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		SW8260B		Analyst: LA		
Bromochloromethane	U	8.0		µg/Kg-dry	1	12/24/2007 9:55:00 AM
Bromodichloromethane	U	8.0		µg/Kg-dry	1	12/24/2007 9:55:00 AM
Bromoform	U	8.0		µg/Kg-dry	1	12/24/2007 9:55:00 AM
Bromomethane	U	8.0		µg/Kg-dry	1	12/24/2007 9:55:00 AM
Carbon disulfide	U	8.0		µg/Kg-dry	1	12/24/2007 9:55:00 AM
Carbon tetrachloride	U	8.0		µg/Kg-dry	1	12/24/2007 9:55:00 AM
Chlorobenzene	U	8.0		µg/Kg-dry	1	12/24/2007 9:55:00 AM
Chlorodifluoromethane	U	8.0		µg/Kg-dry	1	12/24/2007 9:55:00 AM
Chloroethane	U	8.0		µg/Kg-dry	1	12/24/2007 9:55:00 AM
Chloroform	U	8.0		µg/Kg-dry	1	12/24/2007 9:55:00 AM
Chloromethane	U	8.0		µg/Kg-dry	1	12/24/2007 9:55:00 AM
cis-1,2-Dichloroethene	U	8.0		µg/Kg-dry	1	12/24/2007 9:55:00 AM
cis-1,3-Dichloropropene	U	8.0		µg/Kg-dry	1	12/24/2007 9:55:00 AM
Dibromochloromethane	U	8.0		µg/Kg-dry	1	12/24/2007 9:55:00 AM
Dibromomethane	U	8.0		µg/Kg-dry	1	12/24/2007 9:55:00 AM
Dichlorodifluoromethane	U	8.0		µg/Kg-dry	1	12/24/2007 9:55:00 AM
Diisopropyl ether	U	8.0		µg/Kg-dry	1	12/24/2007 9:55:00 AM
Ethanol	U	40		µg/Kg-dry	1	12/24/2007 9:55:00 AM
Ethyl acetate	U	8.0		µg/Kg-dry	1	12/24/2007 9:55:00 AM
Ethylbenzene	U	8.0		µg/Kg-dry	1	12/24/2007 9:55:00 AM
Freon-114	U	8.0		µg/Kg-dry	1	12/24/2007 9:55:00 AM
Hexachlorobutadiene	U	8.0		µg/Kg-dry	1	12/24/2007 9:55:00 AM
Isopropyl acetate	U	8.0		µg/Kg-dry	1	12/24/2007 9:55:00 AM
Isopropylbenzene	U	8.0		µg/Kg-dry	1	12/24/2007 9:55:00 AM
m,p-Xylene	U	16		µg/Kg-dry	1	12/24/2007 9:55:00 AM
Methyl tert-butyl ether	U	8.0		µg/Kg-dry	1	12/24/2007 9:55:00 AM
Methylene chloride	16	8.0	B	µg/Kg-dry	1	12/24/2007 9:55:00 AM
n-Amyl acetate	U	8.0		µg/Kg-dry	1	12/24/2007 9:55:00 AM
Naphthalene	U	8.0		µg/Kg-dry	1	12/24/2007 9:55:00 AM
n-Butyl acetate	U	8.0		µg/Kg-dry	1	12/24/2007 9:55:00 AM
n-Butylbenzene	12	8.0		µg/Kg-dry	1	12/24/2007 9:55:00 AM
n-Propyl acetate	U	8.0		µg/Kg-dry	1	12/24/2007 9:55:00 AM
n-Propylbenzene	4.9	8.0	J	µg/Kg-dry	1	12/24/2007 9:55:00 AM
o-Xylene	U	8.0		µg/Kg-dry	1	12/24/2007 9:55:00 AM
p-Diethylbenzene	U	8.0		µg/Kg-dry	1	12/24/2007 9:55:00 AM
p-Ethyltoluene	10	8.0		µg/Kg-dry	1	12/24/2007 9:55:00 AM
sec-Butylbenzene	U	8.0		µg/Kg-dry	1	12/24/2007 9:55:00 AM
Styrene	U	8.0		µg/Kg-dry	1	12/24/2007 9:55:00 AM
t-Butyl alcohol	U	8.0		µg/Kg-dry	1	12/24/2007 9:55:00 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed for but not detected	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: 27-Dec-07

CLIENT:	Tom Ryan	Client Sample ID:	LP-1
Lab Order:	0712353	Tag Number:	
Project:	Tom Ryan, 19 Todd Dr, Glen Head, NY	Collection Date:	12/18/2007
Lab ID:	0712353-03A	Matrix:	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		SW8260B		Analyst: LA		
tert-Butylbenzene	U	8.0		µg/Kg-dry	1	12/24/2007 9:55:00 AM
Tetrachloroethene	U	8.0		µg/Kg-dry	1	12/24/2007 9:55:00 AM
Toluene	4.9	8.0	J	µg/Kg-dry	1	12/24/2007 9:55:00 AM
trans-1,2-Dichloroethene	U	8.0		µg/Kg-dry	1	12/24/2007 9:55:00 AM
trans-1,3-Dichloropropene	U	8.0		µg/Kg-dry	1	12/24/2007 9:55:00 AM
Trichloroethene	U	8.0		µg/Kg-dry	1	12/24/2007 9:55:00 AM
Trichlorofluoromethane	U	8.0		µg/Kg-dry	1	12/24/2007 9:55:00 AM
Vinyl acetate	U	8.0		µg/Kg-dry	1	12/24/2007 9:55:00 AM
Vinyl chloride	U	8.0		µg/Kg-dry	1	12/24/2007 9:55:00 AM
Surr: 4-Bromofluorobenzene	112	61-133		%REC	1	12/24/2007 9:55:00 AM
Surr: Dibromofluoromethane	96.3	61-139		%REC	1	12/24/2007 9:55:00 AM
Surr: Toluene-d8	88.2	57-131		%REC	1	12/24/2007 9:55:00 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed for but not detected	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: 27-Dec-07

CLIENT:	Tom Ryan	Client Sample ID:	LP-2
Lab Order:	0712353	Tag Number:	
Project:	Tom Ryan, 19 Todd Dr, Glen Head, NY	Collection Date:	12/18/2007
Lab ID:	0712353-04A	Matrix:	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		SW8260B		Analyst: LA		
1,1,1,2-Tetrachloroethane	U	1.0		µg/L	1	12/21/2007 3:43:00 AM
1,1,1-Trichloroethane	U	1.0		µg/L	1	12/21/2007 3:43:00 AM
1,1,2,2-Tetrachloroethane	U	1.0		µg/L	1	12/21/2007 3:43:00 AM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	1.0		µg/L	1	12/21/2007 3:43:00 AM
1,1,2-Trichloroethane	U	1.0		µg/L	1	12/21/2007 3:43:00 AM
1,1-Dichloroethane	U	1.0		µg/L	1	12/21/2007 3:43:00 AM
1,1-Dichloroethene	U	1.0		µg/L	1	12/21/2007 3:43:00 AM
1,1-Dichloropropene	U	1.0		µg/L	1	12/21/2007 3:43:00 AM
1,2,3-Trichlorobenzene	U	1.0		µg/L	1	12/21/2007 3:43:00 AM
1,2,3-Trichloropropane	U	1.0		µg/L	1	12/21/2007 3:43:00 AM
1,2,4,5-Tetramethylbenzene	U	1.0		µg/L	1	12/21/2007 3:43:00 AM
1,2,4-Trichlorobenzene	U	1.0		µg/L	1	12/21/2007 3:43:00 AM
1,2,4-Trimethylbenzene	U	1.0		µg/L	1	12/21/2007 3:43:00 AM
1,2-Dibromo-3-chloropropane	U	1.0		µg/L	1	12/21/2007 3:43:00 AM
1,2-Dibromoethane	U	1.0		µg/L	1	12/21/2007 3:43:00 AM
1,2-Dichlorobenzene	U	1.0		µg/L	1	12/21/2007 3:43:00 AM
1,2-Dichloroethane	U	1.0		µg/L	1	12/21/2007 3:43:00 AM
1,2-Dichloropropane	U	1.0		µg/L	1	12/21/2007 3:43:00 AM
1,3,5-Trimethylbenzene	U	1.0		µg/L	1	12/21/2007 3:43:00 AM
1,3-Dichlorobenzene	U	1.0		µg/L	1	12/21/2007 3:43:00 AM
1,3-dichloropropane	U	1.0		µg/L	1	12/21/2007 3:43:00 AM
1,4-Dichlorobenzene	U	1.0		µg/L	1	12/21/2007 3:43:00 AM
1,4-Dioxane	U	1.0		µg/L	1	12/21/2007 3:43:00 AM
2,2-Dichloropropane	U	1.0		µg/L	1	12/21/2007 3:43:00 AM
2-Butanone	U	3.0		µg/L	1	12/21/2007 3:43:00 AM
2-Chloroethyl vinyl ether	U	1.0		µg/L	1	12/21/2007 3:43:00 AM
2-Chlorotoluene	U	1.0		µg/L	1	12/21/2007 3:43:00 AM
2-Hexanone	U	2.0		µg/L	1	12/21/2007 3:43:00 AM
2-Propanol	U	1.0		µg/L	1	12/21/2007 3:43:00 AM
4-Chlorotoluene	U	1.0		µg/L	1	12/21/2007 3:43:00 AM
4-Isopropyltoluene	0.83	1.0	J	µg/L	1	12/21/2007 3:43:00 AM
4-Methyl-2-pentanone	U	2.0		µg/L	1	12/21/2007 3:43:00 AM
Acetone	U	2.0		µg/L	1	12/21/2007 3:43:00 AM
Acrolein	U	1.0		µg/L	1	12/21/2007 3:43:00 AM
Acrylonitrile	U	1.0		µg/L	1	12/21/2007 3:43:00 AM
Benzene	U	1.0		µg/L	1	12/21/2007 3:43:00 AM
Bromobenzene	U	1.0		µg/L	1	12/21/2007 3:43:00 AM
Bromochloromethane	U	1.0		µg/L	1	12/21/2007 3:43:00 AM
Bromodichloromethane	U	1.0		µg/L	1	12/21/2007 3:43:00 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed for but not detected	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: 27-Dec-07

CLIENT:	Tom Ryan	Client Sample ID:	LP-2
Lab Order:	0712353	Tag Number:	
Project:	Tom Ryan, 19 Todd Dr, Glen Head, NY	Collection Date:	12/18/2007
Lab ID:	0712353-04A	Matrix:	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		SW8260B		Analyst: LA		
Bromoform	U	1.0		µg/L	1	12/21/2007 3:43:00 AM
Bromomethane	U	1.0		µg/L	1	12/21/2007 3:43:00 AM
Carbon disulfide	U	1.0		µg/L	1	12/21/2007 3:43:00 AM
Carbon tetrachloride	U	1.0		µg/L	1	12/21/2007 3:43:00 AM
Chlorobenzene	U	1.0		µg/L	1	12/21/2007 3:43:00 AM
Chlorodifluoromethane	U	1.0		µg/L	1	12/21/2007 3:43:00 AM
Chloroethane	U	1.0		µg/L	1	12/21/2007 3:43:00 AM
Chloroform	U	1.0		µg/L	1	12/21/2007 3:43:00 AM
Chloromethane	U	1.0		µg/L	1	12/21/2007 3:43:00 AM
cis-1,2-Dichloroethene	U	1.0		µg/L	1	12/21/2007 3:43:00 AM
cis-1,3-Dichloropropene	U	1.0		µg/L	1	12/21/2007 3:43:00 AM
Dibromochloromethane	U	1.0		µg/L	1	12/21/2007 3:43:00 AM
Dibromomethane	U	1.0		µg/L	1	12/21/2007 3:43:00 AM
Dichlorodifluoromethane	U	1.0		µg/L	1	12/21/2007 3:43:00 AM
Diisopropyl ether	U	1.0		µg/L	1	12/21/2007 3:43:00 AM
Ethanol	U	1.0		µg/L	1	12/21/2007 3:43:00 AM
Ethyl acetate	U	1.0		µg/L	1	12/21/2007 3:43:00 AM
Ethylbenzene	U	1.0		µg/L	1	12/21/2007 3:43:00 AM
Freon-114	U	1.0		µg/L	1	12/21/2007 3:43:00 AM
Hexachlorobutadiene	U	1.0		µg/L	1	12/21/2007 3:43:00 AM
Isopropyl acetate	U	1.0		µg/L	1	12/21/2007 3:43:00 AM
Isopropylbenzene	U	1.0		µg/L	1	12/21/2007 3:43:00 AM
m,p-Xylene	U	2.0		µg/L	1	12/21/2007 3:43:00 AM
Methyl tert-butyl ether	U	1.0		µg/L	1	12/21/2007 3:43:00 AM
Methylene chloride	5.3	1.0	B	µg/L	1	12/21/2007 3:43:00 AM
n-Amyl acetate	U	1.0		µg/L	1	12/21/2007 3:43:00 AM
Naphthalene	U	1.0		µg/L	1	12/21/2007 3:43:00 AM
n-Butyl acetate	U	2.0		µg/L	1	12/21/2007 3:43:00 AM
n-Butylbenzene	U	1.0		µg/L	1	12/21/2007 3:43:00 AM
n-Propyl acetate	U	1.0		µg/L	1	12/21/2007 3:43:00 AM
n-Propylbenzene	U	1.0		µg/L	1	12/21/2007 3:43:00 AM
o-Xylene	U	1.0		µg/L	1	12/21/2007 3:43:00 AM
p-Diethylbenzene	U	1.0		µg/L	1	12/21/2007 3:43:00 AM
p-Ethyltoluene	U	1.0		µg/L	1	12/21/2007 3:43:00 AM
sec-Butylbenzene	U	1.0		µg/L	1	12/21/2007 3:43:00 AM
Styrene	U	1.0		µg/L	1	12/21/2007 3:43:00 AM
t-Butyl alcohol	U	1.0		µg/L	1	12/21/2007 3:43:00 AM
tert-Butylbenzene	U	1.0		µg/L	1	12/21/2007 3:43:00 AM
Tetrachloroethene	U	1.0		µg/L	1	12/21/2007 3:43:00 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed for but not detected	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: 27-Dec-07

CLIENT:	Tom Ryan	Client Sample ID:	LP-2
Lab Order:	0712353	Tag Number:	
Project:	Tom Ryan, 19 Todd Dr, Glen Head, NY	Collection Date:	12/18/2007
Lab ID:	0712353-04A	Matrix:	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		SW8260B		Analyst: LA		
Toluene	U	1.0		µg/L	1	12/21/2007 3:43:00 AM
trans-1,2-Dichloroethene	U	1.0		µg/L	1	12/21/2007 3:43:00 AM
trans-1,3-Dichloropropene	U	1.0		µg/L	1	12/21/2007 3:43:00 AM
Trichloroethene	U	1.0		µg/L	1	12/21/2007 3:43:00 AM
Trichlorofluoromethane	U	1.0		µg/L	1	12/21/2007 3:43:00 AM
Vinyl acetate	U	1.0		µg/L	1	12/21/2007 3:43:00 AM
Vinyl chloride	U	1.0		µg/L	1	12/21/2007 3:43:00 AM
Surr: 4-Bromofluorobenzene	103	54-134		%REC	1	12/21/2007 3:43:00 AM
Surr: Dibromofluoromethane	98.8	52-132		%REC	1	12/21/2007 3:43:00 AM
Surr: Toluene-d8	98.4	51-127		%REC	1	12/21/2007 3:43:00 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed for but not detected	X	Value exceeds Maximum Contaminant Level

CLIENT: Tom Ryan
 Work Order: 0712353
 Project: Tom Ryan, 19 Todd Dr, Glen Head, NY

ANALYTICAL QC SUMMARY REPORT

TestCode: DryFull8260_Soil

Sample ID	VLCS122107H	SampType:	LCS	TestCode:	DryFull8260_	Units:	µg/Kg	Prep Date:		RunNo:	31160
Client ID:	LCSS	Batch ID:	R31160a	TestNo:	SW8260B			Analysis Date:	12/21/2007	SeqNo:	393948
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	45	5.0	50.00	0	90.7	42	138				
Benzene	37	5.0	50.00	0	73.2	45	137				
Chlorobenzene	35	5.0	50.00	0	70.8	41	143				
Toluene	36	5.0	50.00	0	72.9	38	141				
Trichloroethene	37	5.0	50.00	0	73.4	39	136				
Surr: 4-Bromofluorobenzene	52		50.00		104	61	133				
Surr: Dibromofluoromethane	52		50.00		103	61	139				
Surr: Toluene-d8	49		50.00		97.3	57	131				

Sample ID	VBLK122107H	SampType:	MBLK	TestCode:	DryFull8260_	Units:	µg/Kg	Prep Date:		RunNo:	31160
Client ID:	PBS	Batch ID:	R31160a	TestNo:	SW8260B			Analysis Date:	12/21/2007	SeqNo:	393949
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	U	5.0									
1,1,1-Trichloroethane	U	5.0									
1,1,2,2-Tetrachloroethane	U	5.0									
1,1,2-Trichloro-1,2,2-trifluoroethane	U	5.0									
1,1,2-Trichloroethane	U	5.0									
1,1-Dichloroethane	U	5.0									
1,1-Dichloroethene	U	5.0									
1,1-Dichloropropene	U	5.0									
1,2,3-Trichlorobenzene	U	5.0									
1,2,3-Trichloropropane	U	5.0									
1,2,4,5-Tetramethylbenzene	U	5.0									
1,2,4-Trichlorobenzene	U	5.0									
1,2,4-Trimethylbenzene	U	5.0									
1,2-Dibromo-3-chloropropane	U	5.0									
1,2-Dibromoethane	U	5.0									
1,2-Dichlorobenzene	U	5.0									

Qualifiers: E Value above quantitation range H Holding times for preparation or analysis exceeded J Analyte detected below quantitation limit
 ND Not Detected at the Reporting Limit R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery
 U Indicates the compound was analyzed for but not detected

CLIENT: Tom Ryan
Work Order: 0712353
Project: Tom Ryan, 19 Todd Dr, Glen Head, NY

ANALYTICAL QC SUMMARY REPORT

TestCode: DryFull8260_Soil

Sample ID	VBLK122107H	SampType:	MBLK	TestCode:	DryFull8260_	Units:	µg/Kg	Prep Date:		RunNo:	31160
Client ID:	PBS	Batch ID:	R31160a	TestNo:	SW8260B			Analysis Date:	12/21/2007	SeqNo:	393949
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2-Dichloroethane	U	5.0									
1,2-Dichloropropane	U	5.0									
1,3,5-Trimethylbenzene	U	5.0									
1,3-Dichlorobenzene	U	5.0									
1,3-dichloropropane	U	5.0									
1,4-Dichlorobenzene	U	5.0									
1,4-Dioxane	U	5.0									
2,2-Dichloropropane	U	5.0									
2-Butanone	U	5.0									
2-Chloroethyl vinyl ether	U	5.0									
2-Chlorotoluene	U	5.0									
2-Hexanone	U	5.0									
2-Propanol	U	50									
4-Chlorotoluene	U	5.0									
4-Isopropyltoluene	U	5.0									
4-Methyl-2-pentanone	U	5.0									
Acetone	U	5.0									
Acrolein	U	25									
Acrylonitrile	U	5.0									
Benzene	U	5.0									
Bromobenzene	U	5.0									
Bromochloromethane	U	5.0									
Bromodichloromethane	U	5.0									
Bromoform	U	5.0									
Bromomethane	U	5.0									
Carbon disulfide	U	5.0									
Carbon tetrachloride	U	5.0									
Chlorobenzene	U	5.0									
Chlorodifluoromethane	U	5.0									
Chloroethane	U	5.0									
Chloroform	U	5.0									

Qualifiers:	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed for but not detected				

CLIENT: Tom Ryan
Work Order: 0712353
Project: Tom Ryan, 19 Todd Dr, Glen Head, NY

ANALYTICAL QC SUMMARY REPORT

TestCode: DryFull8260_Soil

Sample ID	VBK122107H	SampType:	MBLK	TestCode:	DryFull8260_	Units:	µg/Kg	Prep Date:		RunNo:	31160
Client ID:	PBS	Batch ID:	R31160a	TestNo:	SW8260B			Analysis Date:	12/21/2007	SeqNo:	393949
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloromethane	U	5.0									
cis-1,2-Dichloroethene	U	5.0									
cis-1,3-Dichloropropene	U	5.0									
Dibromochloromethane	U	5.0									
Dibromomethane	U	5.0									
Dichlorodifluoromethane	U	5.0									
Diisopropyl ether	U	5.0									
Ethanol	U	25									
Ethyl acetate	U	5.0									
Ethylbenzene	U	5.0									
Freon-114	U	5.0									
Hexachlorobutadiene	U	5.0									
Isopropyl acetate	U	5.0									
Isopropylbenzene	U	5.0									
m,p-Xylene	U	10									
Methyl tert-butyl ether	U	5.0									
Methylene chloride	2.8	5.0									J
n-Amyl acetate	U	5.0									
Naphthalene	U	5.0									
n-Butyl acetate	U	5.0									
n-Butylbenzene	U	5.0									
n-Propyl acetate	U	5.0									
n-Propylbenzene	U	5.0									
o-Xylene	U	5.0									
p-Diethylbenzene	U	5.0									
p-Ethyltoluene	U	5.0									
sec-Butylbenzene	U	5.0									
Styrene	U	5.0									
t-Butyl alcohol	U	5.0									
tert-Butylbenzene	U	5.0									
Tetrachloroethene	U	5.0									

Qualifiers:	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed for but not detected				

CLIENT: Tom Ryan
Work Order: 0712353
Project: Tom Ryan, 19 Todd Dr, Glen Head, NY

ANALYTICAL QC SUMMARY REPORT

TestCode: DryFull8260_Soil

Sample ID	VBLK122107H	SampType:	MBLK	TestCode:	DryFull8260_	Units:	µg/Kg	Prep Date:		RunNo:	31160
Client ID:	PBS	Batch ID:	R31160a	TestNo:	SW8260B			Analysis Date:	12/21/2007	SeqNo:	393949
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Toluene	U	5.0									
trans-1,2-Dichloroethene	U	5.0									
trans-1,3-Dichloropropene	U	5.0									
Trichloroethene	U	5.0									
Trichlorofluoromethane	U	5.0									
Vinyl acetate	U	5.0									
Vinyl chloride	U	5.0									
Surr: 4-Bromofluorobenzene	48		50.00		95.4	61	133				
Surr: Dibromofluoromethane	47		50.00		94.1	61	139				
Surr: Toluene-d8	48		50.00		95.2	57	131				

Sample ID	VLCS122407H	SampType:	LCS	TestCode:	DryFull8260_	Units:	µg/Kg	Prep Date:		RunNo:	31160
Client ID:	LCSS	Batch ID:	R31160b	TestNo:	SW8260B			Analysis Date:	12/24/2007	SeqNo:	393951
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethene	34	5.0	50.00	0	67.6	42	138				
Benzene	29	5.0	50.00	0	58.6	45	137				
Chlorobenzene	29	5.0	50.00	0	57.6	41	143				
Toluene	29	5.0	50.00	0	58.0	38	141				
Trichloroethene	28	5.0	50.00	0	56.5	39	136				
Surr: 4-Bromofluorobenzene	50		50.00		100	61	133				
Surr: Dibromofluoromethane	52		50.00		104	61	139				
Surr: Toluene-d8	50		50.00		99.6	57	131				

Sample ID	VBLK122407H	SampType:	MBLK	TestCode:	DryFull8260_	Units:	µg/Kg	Prep Date:		RunNo:	31160
Client ID:	PBS	Batch ID:	R31160b	TestNo:	SW8260B			Analysis Date:	12/24/2007	SeqNo:	393952
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1,1,2-Tetrachloroethane	U	5.0									
1,1,1-Trichloroethane	U	5.0									
1,1,2,2-Tetrachloroethane	U	5.0									

Qualifiers: E Value above quantitation range H Holding times for preparation or analysis exceeded J Analyte detected below quantitation level
 ND Not Detected at the Reporting Limit R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery
 U Indicates the compound was analyzed for but not detected

CLIENT: Tom Ryan
Work Order: 0712353
Project: Tom Ryan, 19 Todd Dr, Glen Head, NY

ANALYTICAL QC SUMMARY REPORT

TestCode: DryFull8260_Soil

Sample ID	VBLK122407H	SampType:	MBLK	TestCode:	DryFull8260_	Units:	µg/Kg	Prep Date:		RunNo:	31160
Client ID:	PBS	Batch ID:	R31160b	TestNo:	SW8260B	Analysis Date:	12/24/2007	SeqNo:	393952		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,2-Trichloro-1,2,2-trifluoroethane	U	5.0									
1,1,2-Trichloroethane	U	5.0									
1,1-Dichloroethane	U	5.0									
1,1-Dichloroethene	U	5.0									
1,1-Dichloropropene	U	5.0									
1,2,3-Trichlorobenzene	U	5.0									
1,2,3-Trichloropropane	U	5.0									
1,2,4,5-Tetramethylbenzene	U	5.0									
1,2,4-Trichlorobenzene	U	5.0									
1,2,4-Trimethylbenzene	U	5.0									
1,2-Dibromo-3-chloropropane	U	5.0									
1,2-Dibromoethane	U	5.0									
1,2-Dichlorobenzene	U	5.0									
1,2-Dichloroethane	U	5.0									
1,2-Dichloropropane	U	5.0									
1,3,5-Trimethylbenzene	U	5.0									
1,3-Dichlorobenzene	U	5.0									
1,3-dichloropropane	U	5.0									
1,4-Dichlorobenzene	U	5.0									
1,4-Dioxane	U	5.0									
2,2-Dichloropropane	U	5.0									
2-Butanone	U	5.0									
2-Chloroethyl vinyl ether	U	5.0									
2-Chlorotoluene	U	5.0									
2-Hexanone	U	5.0									
2-Propanol	U	50									
4-Chlorotoluene	U	5.0									
4-Isopropyltoluene	U	5.0									
4-Methyl-2-pentanone	U	5.0									
Acetone	U	5.0									
Acrolein	U	25									

Qualifiers:	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation li
	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted reco
	U	Indicates the compound was analyzed for but not detecte				

CLIENT: Tom Ryan
 Work Order: 0712353
 Project: Tom Ryan, 19 Todd Dr, Glen Head, NY

ANALYTICAL QC SUMMARY REPORT

TestCode: DryFull8260_Soil

Sample ID	VBLK122407H	SampType:	MBLK	TestCode:	DryFull8260_	Units:	µg/Kg	Prep Date:		RunNo:	31160
Client ID:	PBS	Batch ID:	R31160b	TestNo:	SW8260B			Analysis Date:	12/24/2007	SeqNo:	393952
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acrylonitrile	U	5.0									
Benzene	U	5.0									
Bromobenzene	U	5.0									
Bromochloromethane	U	5.0									
Bromodichloromethane	U	5.0									
Bromoform	U	5.0									
Bromomethane	U	5.0									
Carbon disulfide	U	5.0									
Carbon tetrachloride	U	5.0									
Chlorobenzene	U	5.0									
Chlorodifluoromethane	U	5.0									
Chloroethane	U	5.0									
Chloroform	U	5.0									
Chloromethane	U	5.0									
cis-1,2-Dichloroethene	U	5.0									
cis-1,3-Dichloropropene	U	5.0									
D bromochloromethane	U	5.0									
D bromomethane	U	5.0									
D chlorodifluoromethane	U	5.0									
D isopropyl ether	U	5.0									
Ethanol	U	25									
Ethyl acetate	U	5.0									
Ethylbenzene	U	5.0									
Freon-114	U	5.0									
Hexachlorobutadiene	U	5.0									
Isopropyl acetate	U	5.0									
Isopropylbenzene	U	5.0									
m p-Xylene	U	10									
Methyl tert-butyl ether	U	5.0									
Methylene chloride	2.3	5.0									J
n-Amyl acetate	U	5.0									

Qualifiers: E Value above quantitation range H Holding times for preparation or analysis exceeded J Analyte detected below quantitation limit
 ND Not Detected at the Reporting Limit R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery
 U Indicates the compound was analyzed for but not detected

CLIENT: Tom Ryan
Work Order: 0712353
Project: Tom Ryan, 19 Todd Dr, Glen Head, NY

ANALYTICAL QC SUMMARY REPORT

TestCode: DryFull8260_Soil

Sample ID	VBLK122407H	SampType:	MBLK	TestCode:	DryFull8260_	Units:	µg/Kg	Prep Date:		RunNo:	31160
Client ID:	PBS	Batch ID:	R31160b	TestNo:	SW8260B			Analysis Date:	12/24/2007	SeqNo:	393952
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Naphthalene	U	5.0									
n-Butyl acetate	U	5.0									
n-Butylbenzene	U	5.0									
n-Propyl acetate	U	5.0									
n-Propylbenzene	U	5.0									
o-Xylene	U	5.0									
p-Diethylbenzene	U	5.0									
p-Ethyltoluene	U	5.0									
sec-Butylbenzene	U	5.0									
Styrene	U	5.0									
t-Butyl alcohol	U	5.0									
tert-Butylbenzene	U	5.0									
Tetrachloroethene	U	5.0									
Toluene	U	5.0									
trans-1,2-Dichloroethene	U	5.0									
trans-1,3-Dichloropropene	U	5.0									
Trichloroethene	U	5.0									
Trichlorofluoromethane	U	5.0									
Vinyl acetate	U	5.0									
Vinyl chloride	U	5.0									
Surr: 4-Bromofluorobenzene	52		50.00		103	61	133				
Surr: Dibromofluoromethane	53		50.00		105	61	139				
Surr: Toluene-d8	49		50.00		98.1	57	131				

Qualifiers: E Value above quantitation range H Holding times for preparation or analysis exceeded J Analyte detected below quantitation limit
 ND Not Detected at the Reporting Limit R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits
 U Indicates the compound was analyzed for but not detected

CLIENT: Tom Ryan
Work Order: 0712353
Project: Tom Ryan, 19 Todd Dr, Glen Head, NY

ANALYTICAL QC SUMMARY REPORT

TestCode: Full8260_W

Sample ID	VLCS122007H	SampType:	LCS	TestCode:	Full8260_W	Units:	µg/L	Prep Date:		RunNo:	31160
Client ID:	LCSW	Batch ID:	R31160	TestNo:	SW8260B			Analysis Date:	12/21/2007	SeqNo:	393944
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	U	1.0	0	0	0						
1,1,1-Trichloroethane	34	1.0	0	0	0						
1,1,2,2-Tetrachloroethane	31	1.0	0	0	0						
1,1,2-Trichloro-1,2,2-trifluoroethane	U	1.0	0	0	0						
1,1,2-Trichloroethane	37	1.0	0	0	0						
1,1-Dichloroethane	34	1.0	0	0	0						
1,1-Dichloroethene	40	1.0	50.00	0	80.3	51	139				
1,1-Dichloropropene	U	1.0	0	0	0						
1,2,3-Trichlorobenzene	U	1.0	0	0	0						
1,2,3-Trichloropropane	U	1.0	0	0	0						
1,2,4,5-Tetramethylbenzene	U	1.0	0	0	0						
1,2,4-Trichlorobenzene	U	1.0	0	0	0						
1,2,4-Trimethylbenzene	U	1.0	0	0	0						
1,2-Dibromo-3-chloropropane	U	1.0	0	0	0						
1,2-Dibromoethane	U	1.0	0	0	0						
1,2-Dichlorobenzene	29	1.0	0	0	0						
1,2-Dichloroethane	33	1.0	0	0	0						
1,2-Dichloropropane	34	1.0	0	0	0						
1,3,5-Trimethylbenzene	U	1.0	0	0	0						
1,3-Dichlorobenzene	29	1.0	0	0	0						
1,3-dichloropropane	U	1.0	0	0	0						
1,4-Dichlorobenzene	31	1.0	0	0	0						
2,2-Dichloropropane	U	1.0	0	0	0						
2-Butanone	U	3.0	0	0	0						
2-Chloroethyl vinyl ether	33	1.0	0	0	0						
2-Chlorotoluene	U	1.0	0	0	0						
2-Hexanone	U	2.0	0	0	0						
2-Propanol	U	1.0	0	0	0						
4-Chlorotoluene	U	1.0	0	0	0						
4-Isopropyltoluene	U	1.0	0	0	0						
4-Methyl-2-pentanone	U	2.0	0	0	0						

Qualifiers:	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation li
	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted reco
	U	Indicates the compound was analyzed for but not detecte				

CLIENT: Tom Ryan
 Work Order: 0712353
 Project: Tom Ryan, 19 Todd Dr, Glen Head, NY

ANALYTICAL QC SUMMARY REPORT

TestCode: Full8260_W

Sample ID	VLCS122007H	SampType: LCS	TestCode: Full8260_W	Units: µg/L	Prep Date:	RunNo: 31160					
Client ID:	LCSW	Batch ID: R31160	TestNo: SW8260B		Analysis Date: 12/21/2007	SeqNo: 393944					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acetone	26	2.0	0	0	0						
Acrolein	U	1.0	0	0	0						
Acrylonitrile	U	1.0	0	0	0						
Benzene	34	1.0	50.00	0	68.7	53	135				
Bromobenzene	U	1.0	0	0	0						
Bromochloromethane	U	1.0	0	0	0						
Bromodichloromethane	33	1.0	0	0	0						
Bromoform	29	1.0	0	0	0						
Bromomethane	32	1.0	0	0	0						
Carbon disulfide	U	1.0	0	0	0						
Carbon tetrachloride	35	1.0	0	0	0						
Chlorobenzene	33	1.0	50.00	0	66.3	58	142				
Chlorodifluoromethane	U	1.0	0	0	0						
Chloroethane	38	1.0	0	0	0						
Chloroform	33	1.0	0	0	0						
Chloromethane	41	1.0	0	0	0						
cis-1,2-Dichloroethene	U	1.0	0	0	0						
cis-1,3-Dichloropropene	31	1.0	0	0	0						
Dibromochloromethane	33	1.0	0	0	0						
Dibromomethane	U	1.0	0	0	0						
Dichlorodifluoromethane	U	1.0	0	0	0						
Diisopropyl ether	U	1.0	0	0	0						
Ethanol	U	1.0	0	0	0						
Ethyl acetate	32	1.0	0	0	0						
Ethylbenzene	35	1.0	0	0	0						
Freon-114	U	1.0	0	0	0						
Hexachlorobutadiene	U	1.0	0	0	0						
Isopropyl acetate	U	1.0	0	0	0						
Isopropylbenzene	U	1.0	0	0	0						
m,p-Xylene	U	2.0	0	0	0						
Methyl tert-butyl ether	U	1.0	0	0	0						

Qualifiers: E Value above quantitation range
 ND Not Detected at the Reporting Limit
 U Indicates the compound was analyzed for but not detected

H Holding times for preparation or analysis exceeded
 R RPD outside accepted recovery limits

J Analyte detected below quantitation limit
 S Spike Recovery outside accepted recovery limits

CLIENT: Tom Ryan
 Work Order: 0712353
 Project: Tom Ryan, 19 Todd Dr, Glen Head, NY

ANALYTICAL QC SUMMARY REPORT

TestCode: Full8260_W

Sample ID	VLCS122007H	SampType:	LCS	TestCode:	Full8260_W	Units:	µg/L	Prep Date:		RunNo:	31160
Client ID:	LCSW	Batch ID:	R31160	TestNo:	SW8260B			Analysis Date:	12/21/2007	SeqNo:	393944
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methylene chloride	U	1.0	0	0	0						
Naphthalene	U	1.0	0	0	0						
n-Butyl acetate	19	2.0	0	0	0						
n-Butylbenzene	U	1.0	0	0	0						
n-Propyl acetate	U	1.0	0	0	0						
n-Propylbenzene	U	1.0	0	0	0						
o-Xylene	U	1.0	0	0	0						
p-Diethylbenzene	U	1.0	0	0	0						
p-Ethyltoluene	U	1.0	0	0	0						
sec-Butylbenzene	U	1.0	0	0	0						
Styrene	U	1.0	0	0	0						
t-Butyl alcohol	U	1.0	0	0	0						
tert-Butylbenzene	U	1.0	0	0	0						
Tetrachloroethene	35	1.0	0	0	0						
Toluene	36	1.0	50.00	0	72.6	50	142				
trans-1,2-Dichloroethene	33	1.0	0	0	0						
trans-1,3-Dichloropropene	31	1.0	0	0	0						
Trichloroethene	35	1.0	50.00	0	69.5	53	131				
Trichlorofluoromethane	39	1.0	0	0	0						
vinyl acetate	U	1.0	0	0	0						
Vinyl chloride	42	1.0	0	0	0						
Surr: 4-Bromofluorobenzene	52		50.00		104	54	134				
Surr: Dibromofluoromethane	48		50.00		96.8	52	132				
Surr: Toluene-d8	50		50.00		100	51	127				

Sample ID	VLBK122207H	SampType:	MBLK	TestCode:	Full8260_W	Units:	µg/L	Prep Date:		RunNo:	31160
Client ID:	PBW	Batch ID:	R31160	TestNo:	SW8260B			Analysis Date:	12/21/2007	SeqNo:	393945
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	U	1.0									
1,1,1-Trichloroethane	U	1.0									

Qualifiers: E Value above quantitation range H Holding times for preparation or analysis exceeded J Analyte detected below quantitation limit
 ND Not Detected at the Reporting Limit R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery
 U Indicates the compound was analyzed for but not detected

CLIENT: Tom Ryan
Work Order: 0712353
Project: Tom Ryan, 19 Todd Dr, Glen Head, NY

ANALYTICAL QC SUMMARY REPORT

TestCode: Full8260_W

Sample ID	VBLK122207H	SampType:	MBLK	TestCode:	Full8260_W	Units:	µg/L	Prep Date:		RunNo:	31160	
Client ID:	PBW	Batch ID:	R31160	TestNo:	SW8260B			Analysis Date:	12/21/2007	SeqNo:	393945	
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1,2,2-Tetrachloroethane	U	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	U	1.0
1,1,2-Trichloroethane	U	1.0
1,1-Dichloroethane	U	1.0
1,1-Dichloroethene	U	1.0
1,1-Dichloropropene	U	1.0
1,2,3-Trichlorobenzene	U	1.0
1,2,3-Trichloropropane	U	1.0
1,2,4,5-Tetramethylbenzene	U	1.0
1,2,4-Trichlorobenzene	U	1.0
1,2,4-Trimethylbenzene	U	1.0
1,2-Dibromo-3-chloropropane	U	1.0
1,2-Dibromoethane	U	1.0
1,2-Dichlorobenzene	U	1.0
1,2-Dichloroethane	U	1.0
1,2-Dichloropropane	U	1.0
1,3,5-Trimethylbenzene	U	1.0
1,3-Dichlorobenzene	U	1.0
1,3-dichloropropane	U	1.0
1,4-Dichlorobenzene	U	1.0
1,4-Dioxane	U	1.0
2,2-Dichloropropane	U	1.0
2-Butanone	U	3.0
2-Chloroethyl vinyl ether	U	1.0
2-Chlorotoluene	U	1.0
2-Hexanone	U	2.0
2-Propanol	U	1.0
4-Chlorotoluene	U	1.0
4-Isopropyltoluene	U	1.0
4-Methyl-2-pentanone	U	2.0
Acetone	U	2.0

Qualifiers: E Value above quantitation range
ND Not Detected at the Reporting Limit
U Indicates the compound was analyzed for but not detected

H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits

J Analyte detected below quantitation limit
S Spike Recovery outside accepted recovery limits

CLIENT: Tom Ryan
Work Order: 0712353
Project: Tom Ryan, 19 Todd Dr, Glen Head, NY

ANALYTICAL QC SUMMARY REPORT

TestCode: Full8260_W

Sample ID	VLBK122207H	SampType:	MBLK	TestCode:	Full8260_W	Units:	µg/L	Prep Date:		RunNo:	31160
Client ID:	PBW	Batch ID:	R31160	TestNo:	SW8260B	Analysis Date:	12/21/2007	SeqNo:	393945		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acrolein	U	1.0									
Acrylonitrile	U	1.0									
Benzene	U	1.0									
Bromobenzene	U	1.0									
Bromochloromethane	U	1.0									
Bromodichloromethane	U	1.0									
Bromoform	U	1.0									
Bromomethane	U	1.0									
Carbon disulfide	U	1.0									
Carbon tetrachloride	U	1.0									
Chlorobenzene	U	1.0									
Chlorodifluoromethane	U	1.0									
Chloroethane	U	1.0									
Chloroform	U	1.0									
Chloromethane	U	1.0									
cis-1,2-Dichloroethene	U	1.0									
cis-1,3-Dichloropropene	U	1.0									
Dibromochloromethane	U	1.0									
Dibromomethane	U	1.0									
Dichlorodifluoromethane	U	1.0									
Diisopropyl ether	U	1.0									
Ethanol	U	1.0									
Ethyl acetate	U	1.0									
Ethylbenzene	U	1.0									
Freon-114	U	1.0									
Hexachlorobutadiene	U	1.0									
Isopropyl acetate	U	1.0									
Isopropylbenzene	U	1.0									
m,p-Xylene	U	2.0									
Methyl tert-butyl ether	U	1.0									
Methylene chloride	3.8	1.0									

Qualifiers: E Value above quantitation range H Holding times for preparation or analysis exceeded J Analyte detected below quantitation limit
 ND Not Detected at the Reporting Limit R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery
 U Indicates the compound was analyzed for but not detected

CLIENT: Tom Ryan
Work Order: 0712353
Project: Tom Ryan, 19 Todd Dr, Glen Head, NY

ANALYTICAL QC SUMMARY REPORT

TestCode: Full8260_W

Sample ID	VBLK122207H	SampType:	MBLK	TestCode:	Full8260_W	Units:	µg/L	Prep Date:		RunNo:	31160
Client ID:	PBW	Batch ID:	R31160	TestNo:	SW8260B			Analysis Date:	12/21/2007	SeqNo:	393945
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
n-Amyl acetate	U	1.0									
Naphthalene	U	1.0									
n-Butyl acetate	U	2.0									
n-Butylbenzene	U	1.0									
n-Propyl acetate	U	1.0									
n-Propylbenzene	U	1.0									
o-Xylene	U	1.0									
p-Diethylbenzene	U	1.0									
p-Ethyltoluene	U	1.0									
sec-Butylbenzene	U	1.0									
Styrene	U	1.0									
t-Butyl alcohol	U	1.0									
tert-Butylbenzene	U	1.0									
Tetrachloroethene	U	1.0									
Toluene	U	1.0									
trans-1,2-Dichloroethene	U	1.0									
trans-1,3-Dichloropropene	U	1.0									
Trichloroethene	U	1.0									
Trichlorofluoromethane	U	1.0									
Vinyl acetate	U	1.0									
Vinyl chloride	U	1.0									
Surr: 4-Bromofluorobenzene	54		50.00		108	54	134				
Surr: Dibromofluoromethane	51		50.00		101	52	135				
Surr: Toluene-d8	49		50.00		97.0	51	123				

Qualifiers:	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation li
	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted reco
	U	Indicates the compound was analyzed for but not detecte				

Quantitation Report

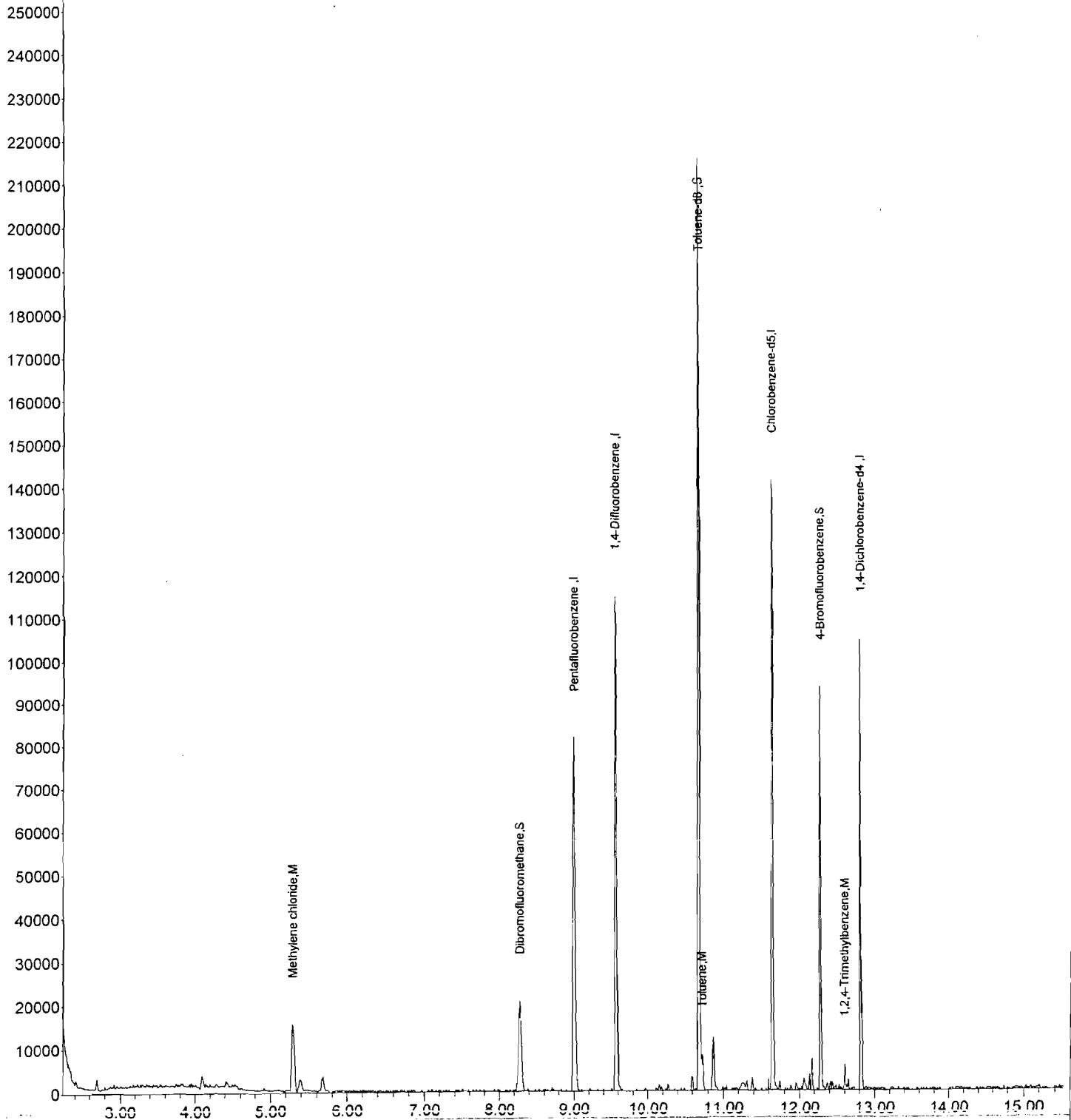
Data File : C:\HPCHEM\1\DATA\H0950.D
Acq On : 21 Dec 2007 5:00 pm
Sample : 0712353-01ARE LOW LE
Misc : DRYFULL8260 SOIL
MS Integration Params: rteint.p
Quant Time: Dec 27 8:06 2007

Vial: 8
Operator: LA-LDS
Inst : System H
Multiplr: 1.00

Quant Results File: 122007H.RES

Method : C:\HPCHEM\1\METHODS\122007H.M (RTE Integrator)
Title : VOA Standards for Multiple Point Calibration
Last Update : Fri Dec 21 07:50:03 2007
Response via : Initial Calibration

TIC: H0950.D



Data File : C:\HPCHEM\1\DATA\H0950.D

Vial: 8

Acq On : 21 Dec 2007 5:00 pm

Operator: LA-LDS

Sample : 0712353-01ARE LOW LE

Inst : System H

****sc : DRYFULL8260 SOIL

Multiplr: 1.00

Integration Params: rteint.p

Quant Time: Dec 27 8:06 2007

Quant Results File: 122007H.RES

Quant Method : C:\HPCHEM\1\METHODS\122007H.M (RTE Integrator)

Title : VOA Standards for Multiple Point Calibration

Last Update : Fri Dec 21 07:50:03 2007

Response via : Initial Calibration

DataAcq Meth : LDS8260H

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	9.01	168	64102	50.00	ppb	-0.01
43) 1,4-Difluorobenzene	9.58	114	92071	50.00	ppb	-0.01
65) Chlorobenzene-d5	11.66	117	66316	50.00	ppb	0.00
87) 1,4-Dichlorobenzene-d4	12.82	152	18428	50.00	ppb	-0.01
System Monitoring Compounds						
36) Dibromofluoromethane	8.28	113	20578	48.08	ppb	-0.02
Spiked Amount	50.000	Range	61 - 139	Recovery	=	96.16%
56) Toluene-d8	10.69	98	104561	48.61	ppb	-0.01
Spiked Amount	50.000	Range	57 - 131	Recovery	=	97.22%
75) 4-Bromofluorobenzene	12.28	95	24760	46.68	ppb	-0.01
Spiked Amount	50.000	Range	61 - 133	Recovery	=	93.36%
Target Compounds						Qvalue
21) Methylene chloride	5.29	49	12003	11.18	ppb	98
57) Toluene	10.72	91	5014	1.23	ppb	93
84) 1,2,4-Trimethylbenzene	12.60	105	2530	1.00	ppb #	65

 (#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\H0926.D

Vial: 35

Acq On : 21 Dec 2007 3:06 am

Operator: LA-LDS

Sample : 0712353-02A

Inst : System H

Misc : FULL8260 W

Multiplr: 1.00

MS Integration Params: rteint.p

Quant Time: Dec 27 8:04 2007

Quant Results File: 122007H.RES

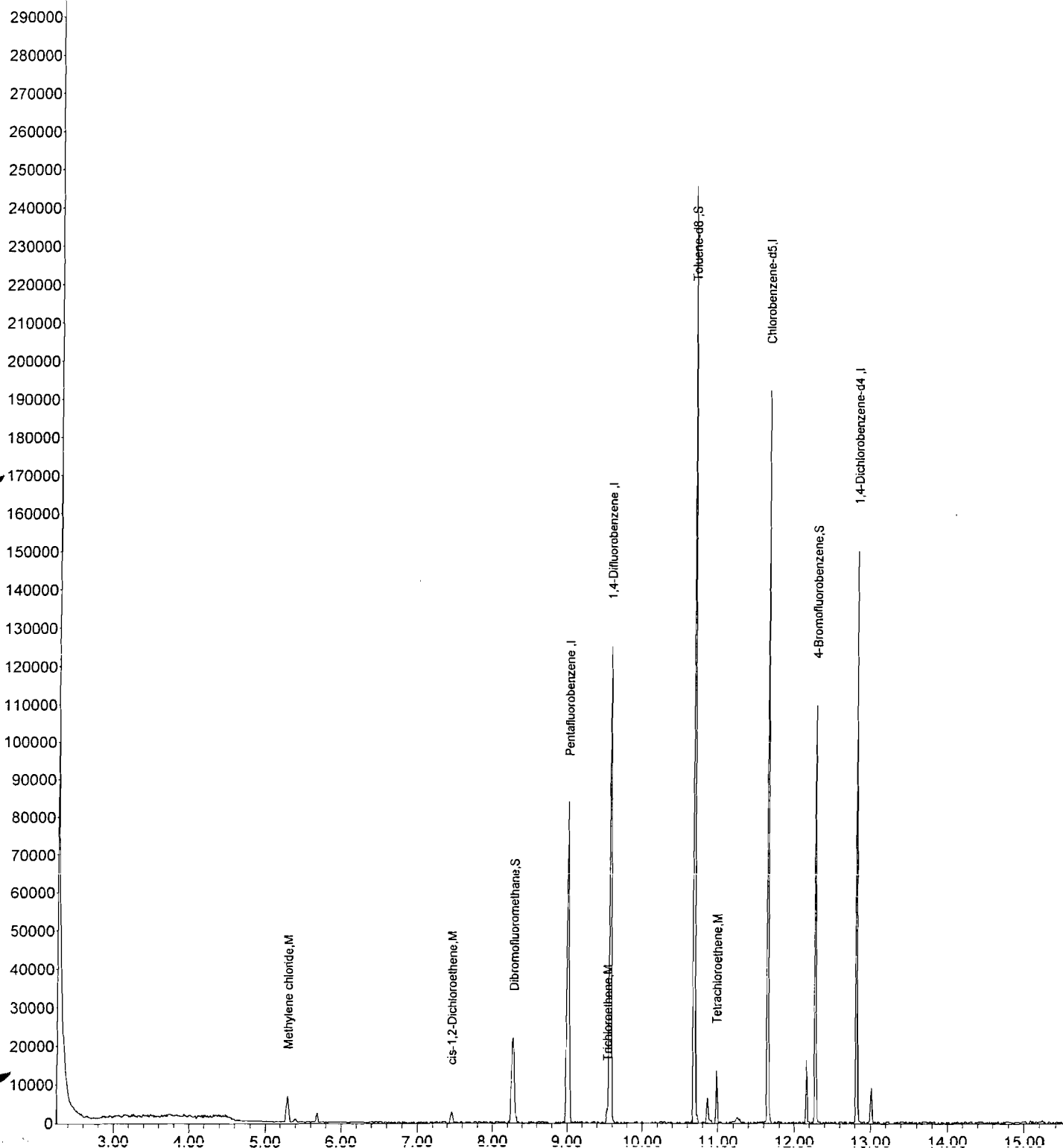
Method : C:\HPCHEM\1\METHODS\122007H.M (RTE Integrator)

Title : VOA Standards for Multiple Point Calibration

Last Update : Fri Dec 21 07:50:03 2007

Response via : Initial Calibration

TIC: H0926.D



Data File : C:\HPCHEM\1\DATA\H0926.D

Acq On : 21 Dec 2007 3:06 am

Sample : 0712353-02A

Misc : FULL8260 W

Vial: 35

Operator: LA-LDS

Inst : System H

Multiplr: 1.00

Integration Params: rteint.p

Quant Time: Dec 27 8:04 2007

Quant Results File: 122007H.RES

Quant Method : C:\HPCHEM\1\METHODS\122007H.M (RTE Integrator)

Title : VOA Standards for Multiple Point Calibration

Last Update : Fri Dec 21 07:50:03 2007

Response via : Initial Calibration

DataAcq Meth : LDS8260H

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	9.00	168	67049	50.00	ppb	-0.01
43) 1,4-Difluorobenzene	9.58	114	96305	50.00	ppb	-0.01
65) Chlorobenzene-d5	11.65	117	78405	50.00	ppb	0.00
87) 1,4-Dichlorobenzene-d4	12.82	152	29376	50.00	ppb	-0.01
System Monitoring Compounds						
36) Dibromofluoromethane	8.28	113	22237	49.67	ppb	-0.02
Spiked Amount	50.000	Range 52 - 132	Recovery	=	99.34%	
56) Toluene-d8	10.69	98	112258	49.90	ppb	-0.01
Spiked Amount	50.000	Range 51 - 127	Recovery	=	99.80%	
75) 4-Bromofluorobenzene	12.29	95	32260	51.44	ppb	0.00
Spiked Amount	50.000	Range 54 - 134	Recovery	=	102.88%	
Target Compounds						Qvalue
21) Methylene chloride	5.29	49	5128	4.57	ppb	94
32) cis-1,2-Dichloroethene	7.46	61	2175	1.92	ppb	91
48) Trichloroethene	9.54	130	1445	1.21	ppb	# 81
62) Tetrachloroethene	10.98	166	2997	2.61	ppb	94

(#) = qualifier out of range (m) = manual integration

Quantitation Report

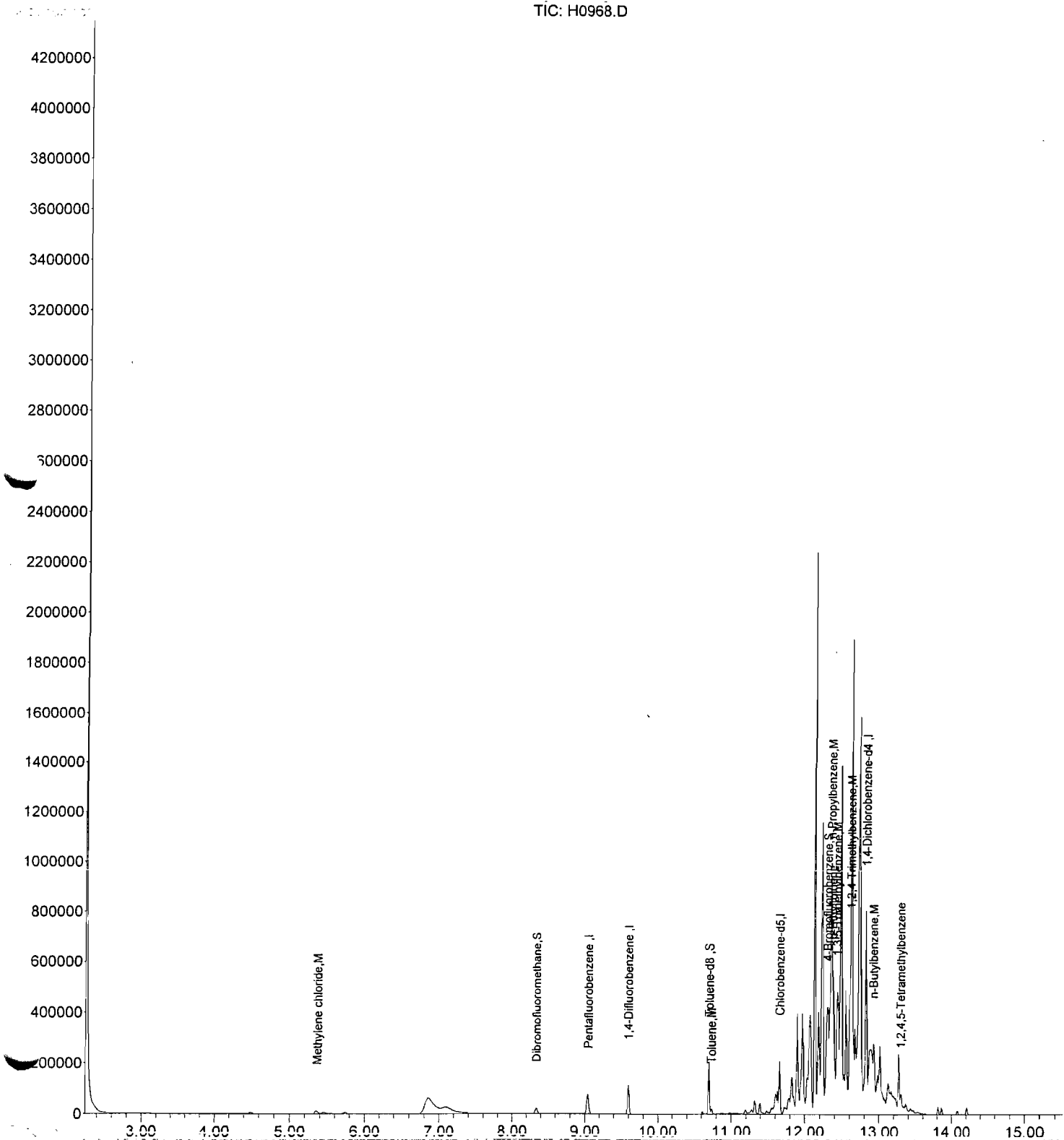
Data File : C:\HPCHEM\1\DATA\H0968.D
Acq On : 24 Dec 2007 9:55 am
Sample : 0712353-03ARE
Misc : DRYFULL8260 SOIL
MS Integration Params: rteint.p
Quant Time: Dec 27 8:13 2007

Vial: 6
Operator: LA-LDS
Inst : System H
Multiplr: 1.00

Quant Results File: 122007H.RES

Method : C:\HPCHEM\1\METHODS\122007H.M (RTE Integrator)
Title : VOA Standards for Multiple Point Calibration
Last Update : Fri Dec 21 07:50:03 2007
Response via : Initial Calibration

TIC: H0968.D



Data File : C:\HPCHEM\1\DATA\H0968.D

Vial: 6

Acq On : 24 Dec 2007 9:55 am

Operator: LA-LDS

Sample : 0712353-03ARE

Inst : System H

Misc : DRYFULL8260 SOIL

Multiplr: 1.00

Integration Params: rteint.p

Quant Time: Dec 27 8:13 2007

Quant Results File: 122007H.RES

Quant Method : C:\HPCHEM\1\METHODS\122007H.M (RTE Integrator)

Title : VOA Standards for Multiple Point Calibration

Last Update : Fri Dec 21 07:50:03 2007

Response via : Initial Calibration

DataAcq Meth : LDS8260H

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	9.04	168	64569	50.00	ppb	0.02
43) 1,4-Difluorobenzene	9.60	114	93002	50.00	ppb	0.01
65) Chlorobenzene-d5	11.66	117	52068	50.00	ppb	0.00
87) 1,4-Dichlorobenzene-d4	12.83	152	10311	50.00	ppb	0.00

System Monitoring Compounds

36) Dibromofluoromethane	8.33	113	20761	48.15	ppb	0.03
Spiked Amount	50.000	Range	61 - 139	Recovery	=	96.30%
56) Toluene-d8	10.71	98	95842	44.11	ppb	0.00
Spiked Amount	50.000	Range	57 - 131	Recovery	=	88.22%
75) 4-Bromofluorobenzene	12.29	95	23333	56.02	ppb	0.00
Spiked Amount	50.000	Range	61 - 133	Recovery	=	112.04%

Target Compounds

	R.T.	QIon	Response	Conc	Units	Qvalue
21) Methylene chloride	5.36	49	10648	9.85	ppb	98
57) Toluene	10.74	91	12759	3.11	ppb	97
77) n-Propylbenzene	12.34	91	12334	3.07	ppb	# 85
79) 1,3,5-Trimethylbenzene	12.42	105	10759	4.95	ppb	95
83) p-Ethyltoluene	12.38	105	18809	6.59	ppb	# 93
84) 1,2,4-Trimethylbenzene	12.61	105	13844	6.96	ppb	# 82
97) n-Butylbenzene	12.92	91	12928	7.25	ppb	# 85
99) 1,2,4,5-Tetramethylbenzene	13.30	119	17400	15.75	ppb	94

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\H0927.D

Vial: 36

Acq On : 21 Dec 2007 3:43 am

Operator: LA-LDS

Sample : 0712353-04A

Inst : System H

Misc : FULL8260 W

Multiplr: 1.00

MS Integration Params: rteint.p

Quant Time: Dec 27 8:01 2007

Quant Results File: 122007H.RES

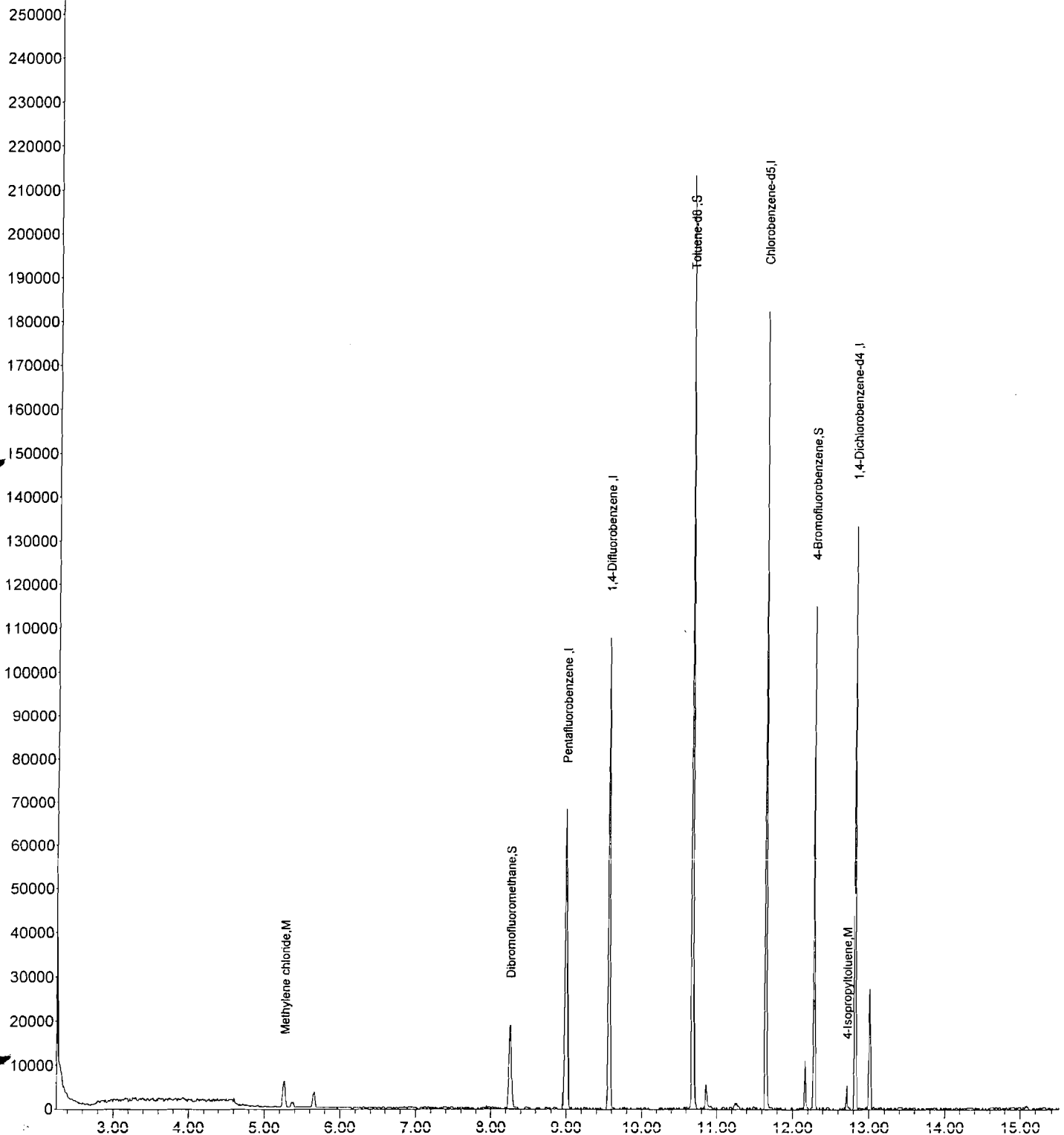
Method : C:\HPCHEM\1\METHODS\122007H.M (RTE Integrator)

Title : VOA Standards for Multiple Point Calibration

Last Update : Fri Dec 21 07:50:03 2007

Response via : Initial Calibration

TIC: H0927.D



Data File : C:\HPCHEM\1\DATA\H0927.D
Acq On : 21 Dec 2007 3:43 am
Sample : 0712353-04A
Misc : FULL8260 W

Vial: 36
Operator: LA-LDS
Inst : System H
Multiplr: 1.00

Integration Params: rteint.p

Quant Time: Dec 27 8:01 2007

Quant Results File: 122007H.RES

Quant Method : C:\HPCHEM\1\METHODS\122007H.M (RTE Integrator)

Title : VOA Standards for Multiple Point Calibration

Last Update : Fri Dec 21 07:50:03 2007

Response via : Initial Calibration

DataAcq Meth : LDS8260H

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	8.99	168	56589	50.00	ppb	-0.03
43) 1,4-Difluorobenzene	9.56	114	82514	50.00	ppb	-0.03
65) Chlorobenzene-d5	11.65	117	66209	50.00	ppb	-0.01
87) 1,4-Dichlorobenzene-d4	12.82	152	24700	50.00	ppb	-0.01

System Monitoring Compounds

36) Dibromofluoromethane	8.26	113	18672	49.41	ppb	-0.04
Spiked Amount	50.000	Range 52 - 132	Recovery	=	98.82%	
56) Toluene-d8	10.68	98	94834	49.20	ppb	-0.02
Spiked Amount	50.000	Range 51 - 127	Recovery	=	98.40%	
75) 4-Bromofluorobenzene	12.28	95	27213	51.38	ppb	-0.01
Spiked Amount	50.000	Range 54 - 134	Recovery	=	102.76%	

Target Compounds

						Qvalue
21) Methylene chloride	5.26	49	5007	5.29	ppb	97
86) 4-Isopropyltoluene	12.71	119	2815	0.83	ppb	# 81

BFB

Data File : C:\HPCHEM\1\DATA\H0922.D

Acq On : 21 Dec 2007 12:45 am

Sample : BFB122007H

Misc : TUNE

MS Integration Params: rteint.p

Method : C:\HPCHEM\1\METHODS\122007H.M (RTE Integrator)

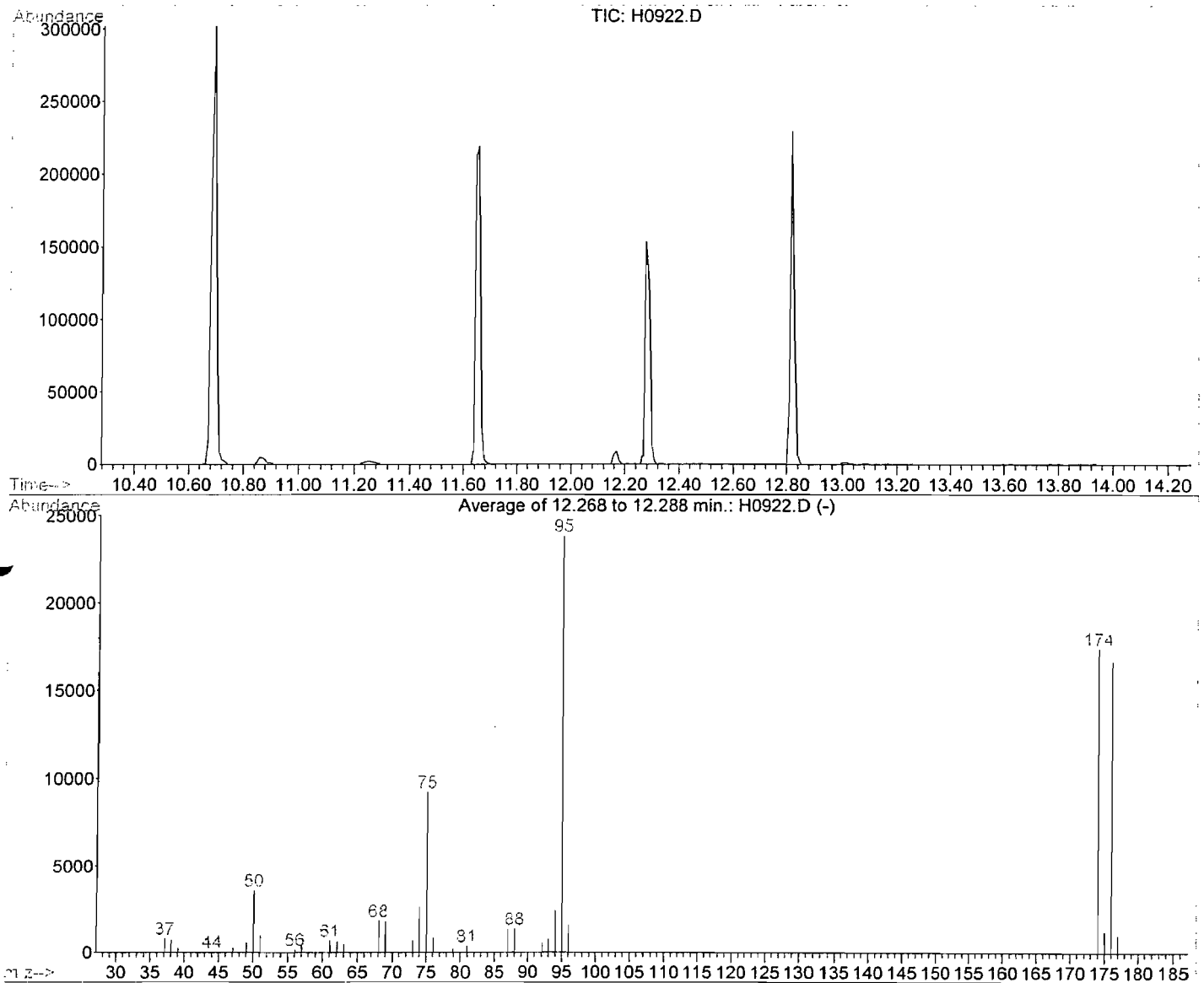
Title : VOA Standards for Multiple Point Calibration

Vial: 31

Operator: LA-LDS

Inst : System H

Multiplr: 1.00



AutoFind: Scans 1018, 1019, 1020; Background Corrected with Scan 1015

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	15.1	3601	PASS
75	95	30	60	38.8	9239	PASS
95	95	100	100	100.0	23811	PASS
96	95	5	9	6.6	1569	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	73.0	17391	PASS
175	174	5	9	7.0	1221	PASS
176	174	95	101	95.7	16645	PASS
177	176	5	9	6.0	997	PASS

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\H0923.D

Vial: 32

Acq On : 21 Dec 2007 1:21 am

Operator: LA-LDS

Sample : VSTD050-122007H

Inst : System H

isc : 8260

Multiplr: 1.00

MS Integration Params: rteint.p

Method : C:\HPCHEM\1\METHODS\122007H.M (RTE Integrator)

Title : VOA Standards for Multiple Point Calibration

Last Update : Fri Dec 21 07:50:03 2007

Response via : Multiple Level Calibration

Min. RRF : 0.100 Min. Rel. Area : 50% Max. R.T. Dev 0.50min

Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	105	-0.01
2 m	Dichlorodifluoromethane	0.927	0.890	4.0	106	-0.01
3	Chlorodifluoromethane	1.417	1.263	10.9	100	-0.01
4	Freon-114	0.471	0.443	5.9	104	-0.01
5 m	Chloromethane	1.314	1.187	9.7	98	0.00
6 m	Vinyl chloride	1.197	1.065	11.0	98	-0.01
7 m	Bromomethane	0.749	0.573	23.5#	102	-0.01
8 m	Chloroethane	0.600	0.525	12.5	105	-0.01
9	2-Propanol	1.693	1.532	9.5	105	-0.01
10	Diethyl Ether	0.160	0.151	5.6	100	-0.01
11	Ethanol	0.026	0.000#	100.0#	0#	-5.30#
12	1,1,2-Trichloro-1,2,2-trifl	1.601	1.406	12.2	99	-0.01
13 m	Trichlorofluoromethane	1.117	0.961	14.0	97	-0.01
14	Iodomethane	1.163	0.789	32.2#	74	-0.01
15	Acrolein	0.014	0.000#	100.0#	0#	-4.94#
16	Carbon disulfide	2.846	2.326	18.3	91	-0.02
17	Acetone	0.049	0.049#	0.0	101	-0.01
18	Methyl tert-butyl ether	0.606	0.565	6.8	101	-0.01
19 M	1,1-Dichloroethene	1.092	0.942	13.7	96	-0.01
20	Allyl Chloride	0.481	0.379	21.2#	90	-0.02
21 M	Methylene chloride	0.837	0.838	-0.1	106	-0.01
22	Vinyl acetate	0.502	0.475	5.4	101	-0.01
23 M	trans-1,2-Dichloroethene	0.886	0.707	20.2#	91	-0.02
24	Diisopropyl ether	1.691	1.532	9.4	105	-0.01
25 T	Acrylonitrile	1.113	0.925	16.9	93	-0.02
26 M	1,1-Dichloroethane	1.271	1.037	18.4	92	-0.02
27	t-Butyl alcohol	0.164	0.149	9.1	108	-0.02
28 T	ETBE	0.976	0.916	6.1	107	-0.01
29	2-Butanone	0.058	0.053#	8.6	94	0.00
30 T	TAME	0.724	0.697	3.7	109	-0.01
31 M	2,2-Dichloropropane	1.111	0.854	23.1#	88	-0.03
32 M	cis-1,2-Dichloroethene	0.844	0.682	19.2	91	-0.02
33 M	Chloroform	1.085	0.889	18.1	94	-0.02
34 M	Bromochloromethane	0.361	0.309	14.4	93	-0.02
35	Ethyl acetate	0.401	0.320	20.2#	88	-0.02
36 S	Dibromofluoromethane	0.334	0.358	-7.2	117	-0.02
37 M	1,1,1-Trichloroethane	1.029	0.879	14.6	98	-0.02
38 M	1,1-Dichloropropene	1.213	1.010	16.7	93	-0.02
39 M	Carbon tetrachloride	0.909	0.783	13.9	98	-0.02
40	2-Chloroethyl vinyl ether	0.034	0.041#	-20.6#	154	-0.01
41 M	1,2-Dichloroethane	0.302	0.251	16.9	90	-0.02
42 M	Benzene	3.062	2.589	15.4	95	-0.02
43 I	1,4-Difluorobenzene	1.000	1.000	0.0	111	-0.02
44	1,4-Dioxane	0.588	0.474	19.4	95	-0.02
45	TAA	0.067	0.063#	6.0	110	0.00
46	Isopropyl acetate	0.052	0.045#	13.5	101	-0.01
47	n-Propyl acetate	0.057	0.050#	12.3	101	-0.01
48 M	Trichloroethene	0.619	0.499	19.4	96	-0.02
49 M	1,2-Dichloropropane	0.383	0.310	19.1	96	-0.02
50 M	Bromodichloromethane	0.395	0.319	19.2	93	-0.01

(#) = Out of Range

VSTD050-122007H.M

Fri Dec 21 08:00:43 2007

GCMS-H

Page 1

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\H0923.D

Acq On : 21 Dec 2007 1:21 am

Sample : VSTD050-122007H

Misc : 8260

MS Integration Params: rteint.p

Vial: 32

Operator: LA-LDS

Inst : System H

Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\122007H.M (RTE Integrator)

Title : VOA Standards for Multiple Point Calibration

Last Update : Fri Dec 21 07:50:03 2007

Response via : Multiple Level Calibration

Min. RRF : 0.100 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)
51	Methyl methacrylate	0.078	0.071#	9.0	94	-0.01
52	4-Methyl-2-pentanone	0.100	0.093#	7.0	103	0.00
53 M	Dibromomethane	0.125	0.101	19.2	95	-0.01
54 M	cis-1,3-Dichloropropene	0.492	0.386	21.5#	93	-0.01
55	Total GRO TPH	4.029	0.011#	99.7#	0#	0.00
56 S	Toluene-d8	1.168	1.182	-1.2	112	-0.01
57 M	Toluene	2.205	1.850	16.1	99	-0.01
58 M	trans-1,3-Dichloropropene	0.301	0.235	21.9#	90	0.00
59 M	1,1,2-Trichloroethane	0.145	0.128	11.7	104	-0.01
60	2-Hexanone	0.066	0.062#	6.1	103	0.00
61 M	1,3-Dichloropropane	0.306	0.258	15.7	99	-0.01
62 M	Tetrachloroethene	0.596	0.567	4.9	111	-0.01
63 M	Dibromochloromethane	0.220	0.181	17.7	97	-0.01
64 M	1,2-Dibromoethane	0.153	0.129	15.7	97	-0.01
65 I	Chlorobenzene-d5	1.000	1.000	0.0	121	-0.01
66	n-Butyl acetate	0.102	0.092#	9.8	108	0.00
67	Chlorobenzene	1.475	1.143	22.5#	96	-0.01
68	1,1,1,2-Tetrachloroethane	0.424	0.326	23.1#	97	-0.01
69 M	Ethylbenzene	3.146	2.581	18.0	99	-0.01
70 M	m,p-Xylene	1.111	0.897	19.3	97	-0.01
71 M	o-Xylene	1.023	0.825	19.4	100	-0.01
72 M	Styrene	1.473	1.153	21.7#	97	0.00
73 M	Isopropylbenzene	3.045	2.486	18.4	100	0.00
74	n-Amyl acetate	0.106	0.106	0.0	121	-0.01
75 S	4-Bromofluorobenzene	0.400	0.409	-2.2	125	-0.01
76 M	1,2,3-Trichloropropane	0.038	0.034#	10.5	108	0.00
77 M	n-Propylbenzene	3.855	3.064	20.5#	96	-0.01
78 M	Bromobenzene	0.425	0.324	23.8#	93	0.00
79 M	1,3,5-Trimethylbenzene	2.086	1.584	24.1#	94	-0.01
80 M	2-Chlorotoluene	1.977	1.509	23.7#	93	-0.01
81 M	4-Chlorotoluene	1.780	1.304	26.7#	90	-0.01
82 M	tert-Butylbenzene	2.587	2.070	20.0	96	-0.01
83	p-Ethyltoluene	2.739	2.141	21.8#	97	-0.01
84 M	1,2,4-Trimethylbenzene	1.910	1.441	24.6#	90	0.00
85 M	sec-Butylbenzene	3.341	2.682	19.7	97	-0.01
86 M	4-Isopropyltoluene	2.566	1.935	24.6#	91	-0.01
87 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	127	-0.01
88 M	Bromoform	0.349	0.258	26.1#	99	-0.01
89	cis-1,4-Dichloro-2-butene	0.489	0.575	-17.6	111	-0.03
90 M	1,1,2,2-Tetrachloroethane	0.632	0.501	20.7#	99	-0.01
91	trans-1,4-Dichloro-2-butene	0.097	0.068#	29.9#	83	-0.01
92	Pentachloroethane	0.689	0.424	38.5#	75	-0.01
93 M	1,3-Dichlorobenzene	3.072	1.965	36.0#	81	-0.01
94 M	1,4-Dichlorobenzene	2.792	1.965	29.6#	89	-0.05
95 M	1,2-Dichlorobenzene	2.331	1.462	37.3#	77	-0.01
96	p-Diethylbenzene	4.235	2.880	32.0#	82	0.00
97 M	n-Butylbenzene	8.646	5.877	32.0#	83	-0.01
98 M	1,2-Dibromo-3-chloropropane	0.090	0.049#	45.6#	54	-0.01
99	1,2,4,5-Tetramethylbenzene	5.356	3.181	40.6#	62	0.00

(#)= Out of Range

H0923.D 122007H.M

Fri Dec 21 08:00:43 2007

GCMS-H

Page 2

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\H0923.D

Vial: 32

Acq On : 21 Dec 2007 1:21 am

Operator: LA-LDS

Sample : VSTD050-122007H

Inst : System H

Misc : 8260

Multiplr: 1.00

MS Integration Params: rteint.p

Method : C:\HPCHEM\1\METHODS\122007H.M (RTE Integrator)

Title : VOA Standards for Multiple Point Calibration

Last Update : Fri Dec 21 07:50:03 2007

Response via : Multiple Level Calibration

Min. RRF : 0.100 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)
100 M	1,2,4-Trichlorobenzene	1.571	0.550	65.0#	32#	-0.01
101 M	Hexachlorobutadiene	1.241	0.674	45.7#	51	-0.01
102 M	Naphthalene	2.479	0.724	70.8#	27#	-0.01
103 M	1,2,3-Trichlorobenzene	1.612	0.340	78.9#	18#	-0.01

Quantitation Report

Data File : C:\HPCHEM\1\DATA\H0924.D
Acq On : 21 Dec 2007 1:56 am
Sample : VLCS122007H
Misc : 8260

Vial: 33
Operator: LA-LDS
Inst : System H
Multiplr: 1.00

MS Integration Params: rteint.p

Quant Time: Dec 21 8:01 2007

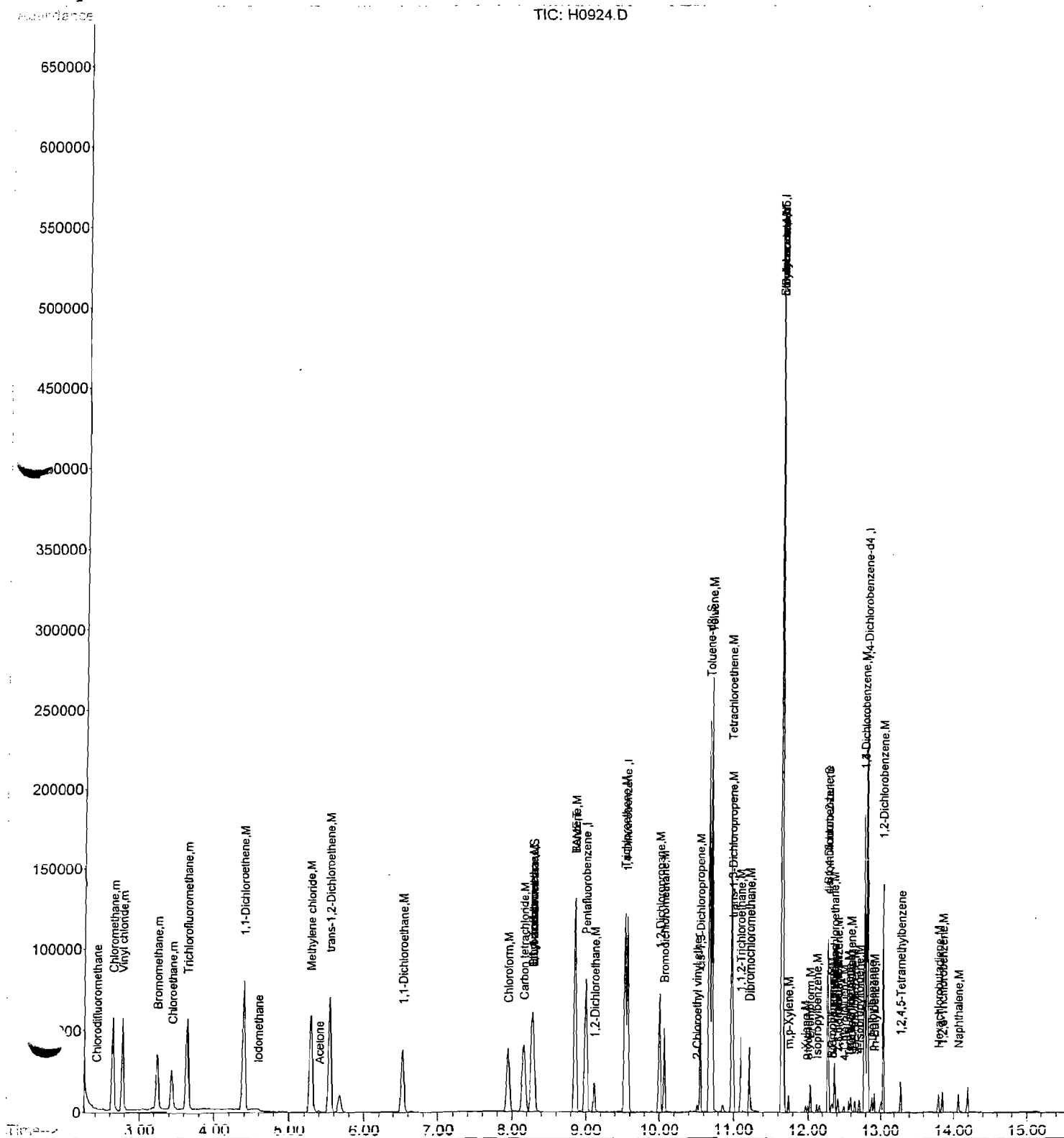
Quant Results File: 122007H.RES

Method : C:\HPCHEM\1\METHODS\122007H.M (RTE Integrator)

Title : VOA Standards for Multiple Point Calibration

Last Update : Fri Dec 21 07:50:03 2007

Response via : Initial Calibration.



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\H0924.D
 Acq On : 21 Dec 2007 1:56 am
 Sample : VLCS122007H
 c : 8260

Vial: 33
 Operator: LA-LDS
 Inst : System H
 Multiplr: 1.00

Integration Params: rteint.p

Quant Time: Dec 21 8:01 2007

Quant Results File: 122007H.RES

Quant Method : C:\HPCHEM\1\METHODS\122007H.M (RTE Integrator)

Title : VOA Standards for Multiple Point Calibration

Last Update : Fri Dec 21 07:50:03 2007

Response via : Initial Calibration

DataAcq Meth : LDS8260H

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	9.00	168	67347	50.00	ppb	-0.02
43) 1,4-Difluorobenzene	9.57	114	95203	50.00	ppb	-0.02
65) Chlorobenzene-d5	11.65	117	77693	50.00	ppb	0.00
87) 1,4-Dichlorobenzene-d4	12.82	152	29566	50.00	ppb	-0.02

System Monitoring Compounds

36) Dibromofluoromethane	8.27	113	21767	48.40	ppb	-0.03
Spiked Amount	50.000	Range	52 - 132	Recovery	=	96.80%
56) Toluene-d8	10.69	98	111579	50.17	ppb	-0.02
Spiked Amount	50.000	Range	51 - 127	Recovery	=	100.34%
75) 4-Bromofluorobenzene	12.27	95	32230	51.86	ppb	-0.02
Spiked Amount	50.000	Range	54 - 134	Recovery	=	103.72%

Target Compounds

						Qvalue
3) Chlorodifluoromethane	2.42	51	971	0.51	ppb	# 75
5) Chloromethane	2.64	50	72653	41.06	ppb	96
6) Vinyl chloride	2.77	62	67486	41.85	ppb	100
7) Bromomethane	3.24	94	32468	32.19	ppb	86
3) Chloroethane	3.44	64	30796	38.11	ppb	98
13) Trichlorofluoromethane	3.64	101	57957	38.53	ppb	99
14) Iodomethane	4.60	142	1014	0.65	ppb	# 47
17) Acetone	5.40	43	1751	26.38	ppb	# 42
19) 1,1-Dichloroethene	4.39	61	58996	40.13	ppb	99
21) Methylene chloride	5.28	49	46795	41.50	ppb	99
23) trans-1,2-Dichloroethene	5.54	96	39476	33.07	ppb	98
26) 1,1-Dichloroethane	6.53	63	57416	33.54	ppb	99
30) TAME	8.87	73	1870	1.92	ppb	# 51
33) Chloroform	7.95	83	47736	32.65	ppb	98
35) Ethyl acetate	8.28	61	17316	32.07	ppb	# 99
37) 1,1,1-Trichloroethane	8.29	97	47108	33.98	ppb	99
39) Carbon tetrachloride	8.16	117	42294	34.54	ppb	93
40) 2-Chloroethyl vinyl ether	10.51	63	1504	33.01	ppb	# 83
41) 1,2-Dichloroethane	9.12	62	13444	33.08	ppb	98
42) Benzene	8.87	78	141627	34.34	ppb	99
48) Trichloroethene	9.54	130	40974	34.77	ppb	97
49) 1,2-Dichloropropane	10.01	63	24744	33.89	ppb	98
50) Bromodichloromethane	10.07	83	24703	32.85	ppb	100
54) cis-1,3-Dichloropropene	10.56	75	29254	31.20	ppb	99
57) Toluene	10.72	91	152417	36.30	ppb	96
58) trans-1,3-Dichloropropene	11.00	75	18021	31.47	ppb	96
59) 1,1,2-Trichloroethane	11.10	83	10222	37.05	ppb	# 87
62) Tetrachloroethene	10.98	166	40027	35.25	ppb	97
63) Dibromochloromethane	11.22	129	14053	33.48	ppb	98
66) n-Butyl acetate	11.65	56	3008	18.93	ppb	# 1
67) Chlorobenzene	11.66	112	75998	33.16	ppb	94
69) Ethylbenzene	11.66	91	171486	35.08	ppb	98
70) m,p-Xylene	11.74	106	2398	1.39	ppb	96
71) o-Xylene	11.97	106	1071	0.67	ppb	# 75
72) Styrene	12.00	104	1454	0.64	ppb	# 65
73) Isopropylbenzene	12.13	105	2811	0.59	ppb	# 81
77) n-Propylbenzene	12.33	91	3933	0.66	ppb	99
78) Bromobenzene	12.34	158	397	0.60	ppb	# 41

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\H0924.D
Acq On : 21 Dec 2007 1:56 am
Sample : VLCS122007H
Scan : 8260

Vial: 33
Operator: LA-LDS
Inst : System H
Multiplr: 1.00

MS Integration Params: rteint.p
Quant Time: Dec 21 8:01 2007

Quant Results File: 122007H.RES

Quant Method : C:\HPCHEM\1\METHODS\122007H.M (RTE Integrator)
Title : VOA Standards for Multiple Point Calibration
Last Update : Fri Dec 21 07:50:03 2007
Response via : Initial Calibration
DataAcq Meth : LDS8260H

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
79) 1,3,5-Trimethylbenzene	12.41	105	2966	0.92	ppb	99
80) 2-Chlorotoluene	12.42	91	2634	0.86	ppb	90
81) 4-Chlorotoluene	12.50	91	2612	0.94	ppb	92
82) tert-Butylbenzene	12.57	119	2896	0.72	ppb	# 86
83) p-Ethyltoluene	12.37	105	3723	0.87	ppb	# 88
84) 1,2,4-Trimethylbenzene	12.60	105	3605	1.21	ppb	# 86
85) sec-Butylbenzene	12.65	105	5258	1.01	ppb	95
86) 4-Isopropyltoluene	12.71	119	4574	1.15	ppb	94
88) Bromoform	12.03	173	5974	28.97	ppb	96
89) cis-1,4-Dichloro-2-butene	12.27	75	12314	42.58	ppb	# 15
90) 1,1,2,2-Tetrachloroethane	12.36	83	11610	31.07	ppb	92
92) Pentachloroethane	12.60	167	261	0.64	ppb	# 36
93) 1,3-Dichlorobenzene	12.79	146	51944	28.60	ppb	98
94) 1,4-Dichlorobenzene	12.79	146	51944	31.46	ppb	98
95) 1,2-Dichlorobenzene	13.04	146	40271	29.22	ppb	97
96) p-Diethylbenzene	12.88	119	3024	1.21	ppb	# 93
97) n-Butylbenzene	12.91	91	6180	1.21	ppb	93
99) 1,2,4,5-Tetramethylbenzene	13.29	119	7974	2.52	ppb	96
100) 1,2,4-Trichlorobenzene	13.85	180	3635	3.91	ppb	98
101) Hexachlorobutadiene	13.80	225	2252	3.07	ppb	95
102) Naphthalene	14.07	128	7599	5.18	ppb	97
103) 1,2,3-Trichlorobenzene	13.85	180	3635	3.81	ppb	98

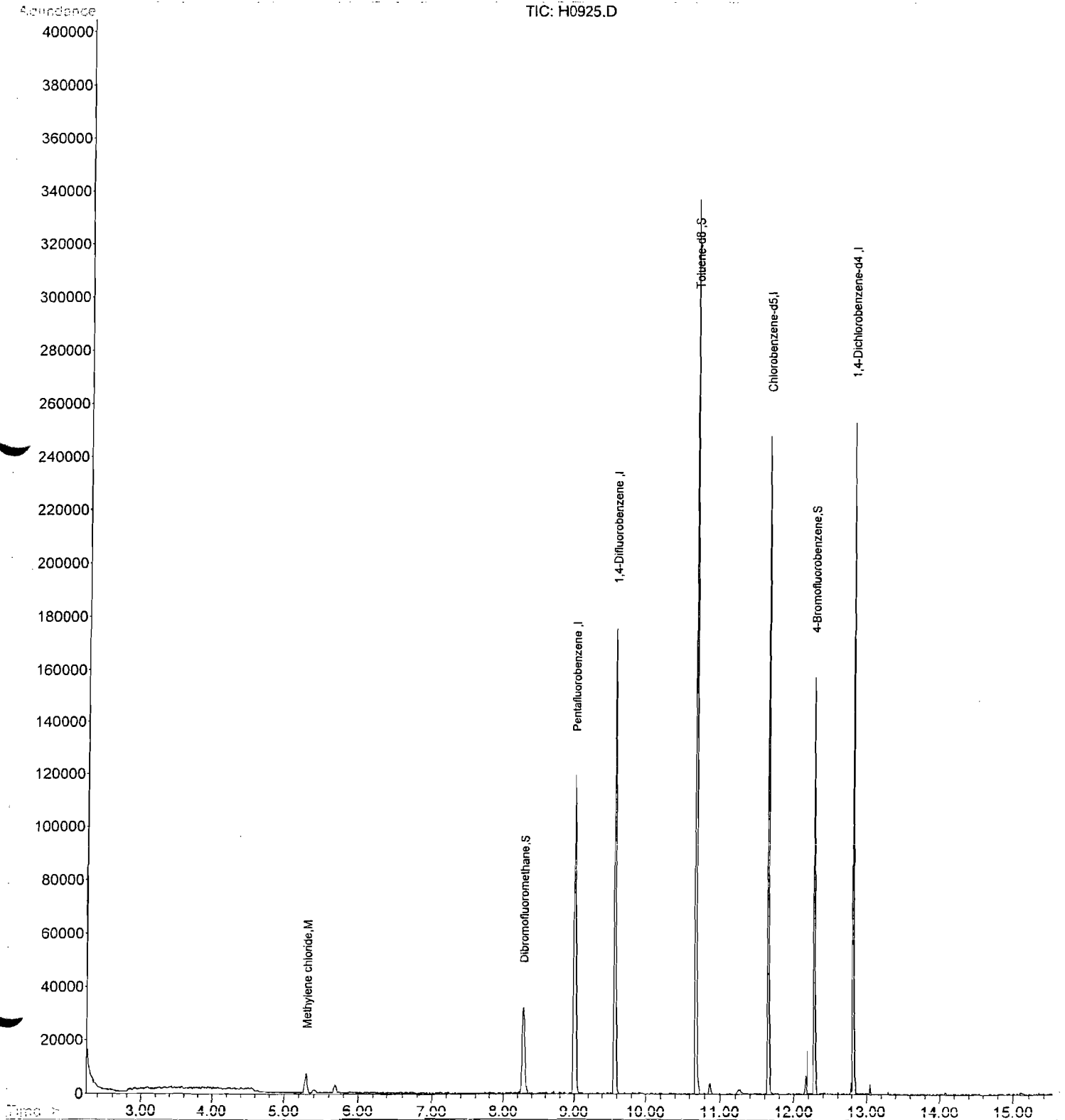
Quantitation Report

Data File : C:\HPCHEM\1\DATA\H0925.D
Acq On : 21 Dec 2007 2:30 am
Sample : VBLK122207H
Misc : 8260
MS Integration Params: rteint.p
Quant Time: Dec 21 8:01 2007

Vial: 34
Operator: LA-LDS
Inst : System H
Multiplr: 1.00

Quant Results File: 122007H.RES

Method : C:\HPCHEM\1\METHODS\122007H.M (RTE Integrator)
Title : VOA Standards for Multiple Point Calibration
Last Update : Fri Dec 21 07:50:03 2007
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\H0925.D
 Acq On : 21 Dec 2007 2:30 am
 Sample : VBLK122207H
 I : 8260

Vial: 34
 Operator: LA-LDS
 Inst : System H
 Multiplr: 1.00

MS Integration Params: rteint.p
 Quant Time: Dec 21 8:01 2007

Quant Results File: 122007H.RES

Quant Method : C:\HPCHEM\1\METHODS\122007H.M (RTE Integrator)
 Title : VOA Standards for Multiple Point Calibration
 Last Update : Fri Dec 21 07:50:03 2007
 Response via : Initial Calibration
 DataAcq Meth : LDS8260H

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	9.01	168	93985	50.00	ppb	-0.01
43) 1,4-Difluorobenzene	9.58	114	134409	50.00	ppb	-0.01
65) Chlorobenzene-d5	11.66	117	110230	50.00	ppb	0.00
87) 1,4-Dichlorobenzene-d4	12.82	152	43931	50.00	ppb	-0.01

System Monitoring Compounds

36) Dibromofluoromethane	8.29	113	31741	50.58	ppb	-0.01
Spiked Amount	50.000	Range 52 - 132	Recovery	=	101.16%	
56) Toluene-d8	10.69	98	152365	48.52	ppb	-0.01
Spiked Amount	50.000	Range 51 - 127	Recovery	=	97.04%	
75) 4-Bromofluorobenzene	12.28	95	47565	53.94	ppb	-0.01
Spiked Amount	50.000	Range 54 - 134	Recovery	=	107.88%	

Target Compounds

	R.T.	QIon	Response	Conc	Units	Qvalue
21) Methylene chloride	5.29	49	6059	3.85	ppb	95

BFB

Data File : C:\HPCHEM\1\DATA\H0944.D

Acq On : 21 Dec 2007 1:34 pm

Sample : VSTD050-122107H

Misc : 8260

Vial: 2

Operator: LA-LDS

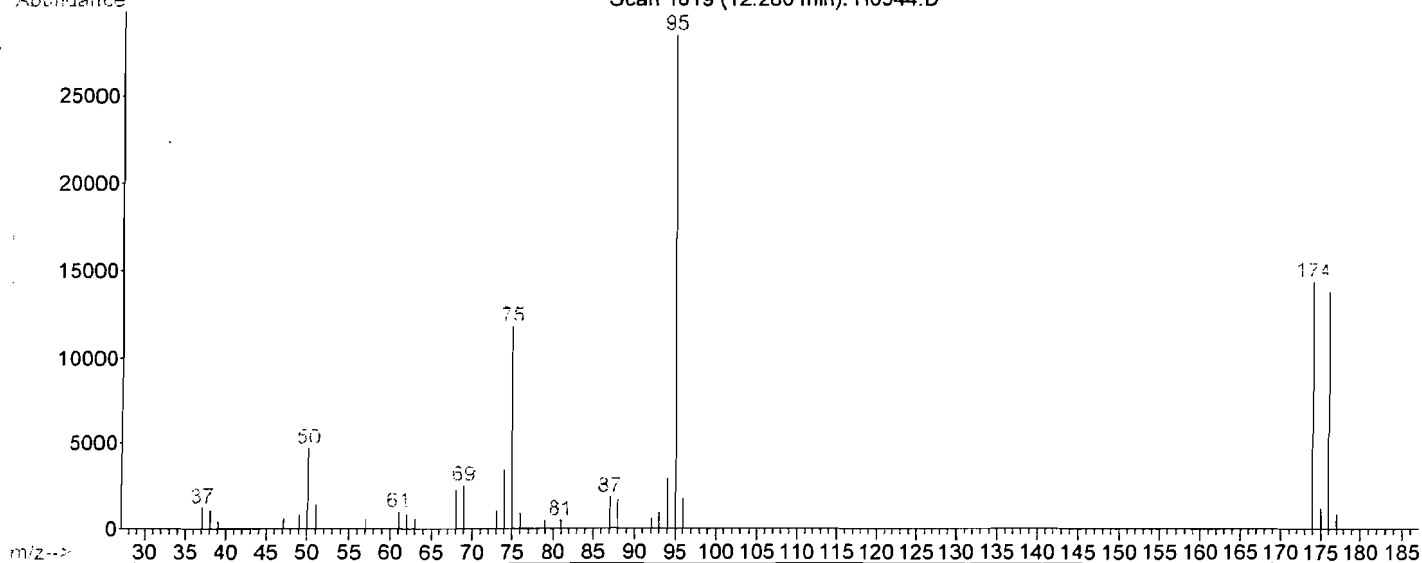
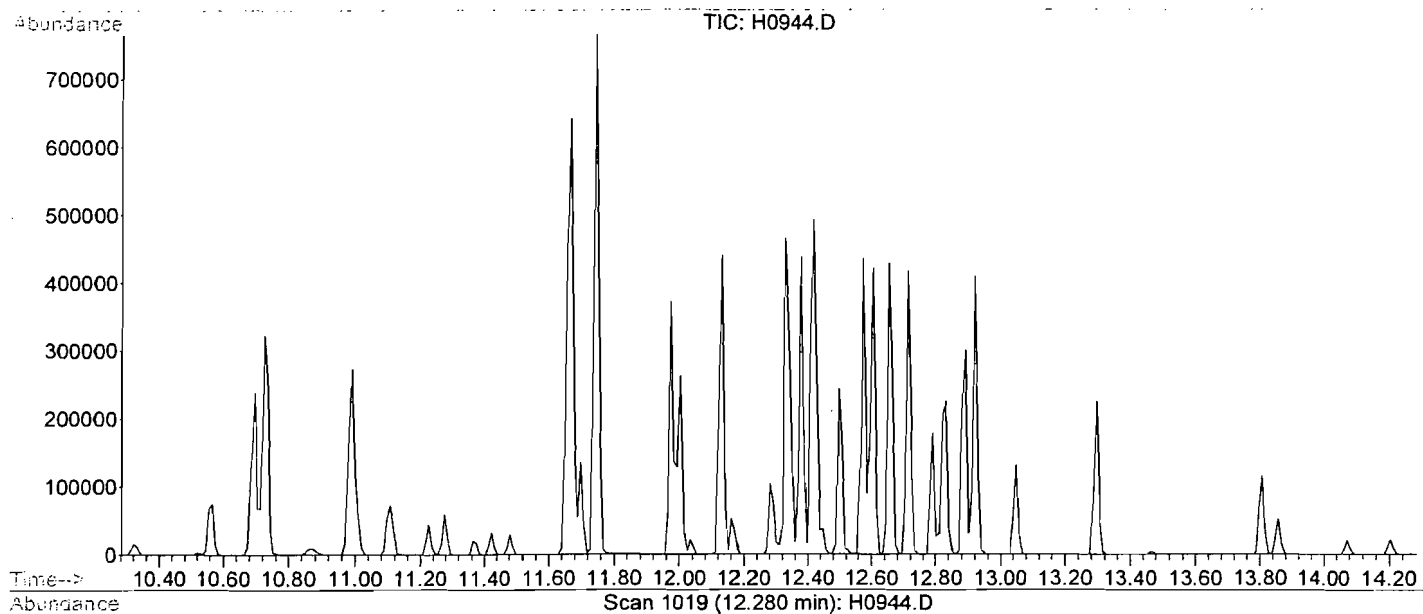
Inst : System H

Multiplr: 1.00

MS Integration Params: rteint.p

Method : C:\HPCHEM\1\METHODS\122007H.M (RTE Integrator)

Title : VOA Standards for Multiple Point Calibration



Spectrum Information: Scan 1019

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	16.4	4673	PASS
75	95	30	60	41.5	11789	PASS
95	95	100	100	100.0	28432	PASS
96	95	5	9	6.0	1712	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	50.4	14325	PASS
175	174	5	9	8.2	1177	PASS
176	174	95	101	96.1	13762	PASS
177	176	5	9	6.4	886	PASS

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\H0944.D

Vial: 2

Acq On : 21 Dec 2007 1:34 pm

Operator: LA-LDS

Sample : VSTD050-122107H

Inst : System H

Misc : 8260

Multiplr: 1.00

MS Integration Params: rteint.p

Method : C:\HPCHEM\1\METHODS\122007H.M (RTE Integrator)

Title : VOA Standards for Multiple Point Calibration

Last Update : Fri Dec 21 07:50:03 2007

Response via : Multiple Level Calibration

Min. RRF : 0.100 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	Pentafluorobenzene	1.000	1.000	0.0	104	0.00
2 m	Dichlorodifluoromethane	0.927	0.820	11.5	96	0.00
3	Chlorodifluoromethane	1.417	1.210	14.6	94	0.00
4	Freon-114	0.471	0.416	11.7	96	0.00
5 m	Chloromethane	1.314	1.125	14.4	91	0.00
6 m	Vinyl chloride	1.197	1.031	13.9	93	0.00
7 m	Bromomethane	0.749	0.547	27.0#	95	0.00
8 m	Chloroethane	0.600	0.521	13.2	102	0.00
9	2-Propanol	1.693	1.416	16.4	95	0.00
10	Diethyl Ether	0.160	0.138	13.7	90	0.00
11	Ethanol	0.026	0.000#	100.0#	0#	-5.30#
12	1,1,2-Trichloro-1,2,2-trifl	1.601	1.457	9.0	100	0.00
13 m	Trichlorofluoromethane	1.117	1.004	10.1	100	0.00
14	Iodomethane	1.163	0.891	23.4#	82	0.00
15	Acrolein	0.014	0.000#	100.0#	0#	-4.94#
16	Carbon disulfide	2.846	2.434	14.5	93	0.00
17	Acetone	0.049	0.042#	14.3	83	-0.02
18	Methyl tert-butyl ether	0.606	0.501	17.3	88	0.00
19 M	1,1-Dichloroethene	1.092	0.956	12.5	96	0.00
20	Allyl Chloride	0.481	0.390	18.9	91	-0.02
21 M	Methylene chloride	0.837	0.766	8.5	95	0.00
22	Vinyl acetate	0.502	0.412	17.9	86	0.00
23 M	trans-1,2-Dichloroethene	0.886	0.734	17.2	92	0.00
24	Diisopropyl ether	1.691	1.416	16.3	95	0.00
25 T	Acrylonitrile	1.113	0.941	15.5	93	-0.02
26 M	1,1-Dichloroethane	1.271	1.069	15.9	94	-0.02
27	t-Butyl alcohol	0.164	0.142	13.4	101	-0.02
28 T	ETBE	0.976	0.814	16.6	94	0.00
29	2-Butanone	0.058	0.046#	20.7#	80	0.00
30 T	TAME	0.724	0.603	16.7	93	0.00
31 M	2,2-Dichloropropane	1.111	0.945	14.9	96	-0.02
32 M	cis-1,2-Dichloroethene	0.844	0.688	18.5	90	-0.02
33 M	Chloroform	1.085	0.880	18.9	91	-0.02
34 M	Bromochloromethane	0.361	0.294	18.6	87	-0.02
35	Ethyl acetate	0.401	0.350	12.7	95	-0.02
36 S	Dibromofluoromethane	0.334	0.343	-2.7	110	0.00
37 M	1,1,1-Trichloroethane	1.029	0.882	14.3	97	-0.02
38 M	1,1-Dichloropropene	1.213	1.068	12.0	96	-0.02
39 M	Carbon tetrachloride	0.909	0.781	14.1	96	-0.02
40	2-Chloroethyl vinyl ether	0.034	0.013#	61.8#	49#	0.00
41 M	1,2-Dichloroethane	0.302	0.247	18.2	87	0.00
42 M	Benzene	3.062	2.621	14.4	95	0.00
43 I	1,4-Difluorobenzene	1.000	1.000	0.0	106	0.00
44	1,4-Dioxane	0.588	0.496	15.6	95	-0.02
4	TAA	0.067	0.056#	16.4	94	0.00
46	Isopropyl acetate	0.052	0.039#	25.0#	84	0.00
47	n-Propyl acetate	0.057	0.040#	29.8#	77	0.00
48 M	Trichloroethene	0.619	0.513	17.1	95	0.00
49 M	1,2-Dichloropropane	0.383	0.308	19.6	91	0.00
50 M	Bromodichloromethane	0.395	0.304	23.0#	85	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\H0944.D
 Acq On : 21 Dec 2007 1:34 pm
 Sample : VSTD050-122107H
 Misc : 8260

Vial: 2
 Operator: LA-LDS
 Inst : System H
 Multiplr: 1.00

MS Integration Params: rteint.p

Method : C:\HPCHEM\1\METHODS\122007H.M (RTE Integrator)
 Title : VOA Standards for Multiple Point Calibration
 Last Update : Fri Dec 21 07:50:03 2007
 Response via : Multiple Level Calibration

Min. RRF : 0.100 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)
51	Methyl methacrylate	0.078	0.064#	17.9	81	0.00
52	4-Methyl-2-pentanone	0.100	0.081#	19.0	87	0.00
53 M	Dibromomethane	0.125	0.098#	21.6#	88	0.00
54 M	cis-1,3-Dichloropropene	0.492	0.391	20.5#	90	0.00
55	Total GRO TPH	4.029	0.011#	99.7#	0#	0.00
56 S	Toluene-d8	1.168	1.156	1.0	105	0.00
57 M	Toluene	2.205	1.877	14.9	96	0.00
58 M	trans-1,3-Dichloropropene	0.301	0.236	21.6#	87	0.00
59 M	1,1,2-Trichloroethane	0.145	0.114	21.4#	89	0.00
60	2-Hexanone	0.066	0.052#	21.2#	83	0.00
61 M	1,3-Dichloropropane	0.306	0.249	18.6	91	0.00
62 M	Tetrachloroethene	0.596	0.531	10.9	100	0.00
63 M	Dibromochloromethane	0.220	0.172	21.8#	88	0.00
64 M	1,2-Dibromoethane	0.153	0.121	20.9#	87	0.00
65 I	Chlorobenzene-d5	1.000	1.000	0.0	111	0.00
66	n-Butyl acetate	0.102	0.080#	21.6#	87	0.00
67	Chlorobenzene	1.475	1.207	18.2	93	0.00
68 M	1,1,1,2-Tetrachloroethane	0.424	0.340	19.8	93	0.00
69 M	Ethylbenzene	3.146	2.723	13.4	96	0.00
70 M	m,p-Xylene	1.111	0.957	13.9	95	0.00
71 M	o-Xylene	1.023	0.855	16.4	95	0.00
72 M	Styrene	1.473	1.182	19.8	91	0.00
73 M	Isopropylbenzene	3.045	2.596	14.7	96	0.00
74	n-Amyl acetate	0.106	0.093#	12.3	97	0.00
75 S	4-Bromofluorobenzene	0.400	0.396	1.0	111	0.00
76 M	1,2,3-Trichloropropane	0.038	0.032#	15.8	93	0.00
77 M	n-Propylbenzene	3.855	3.293	14.6	95	0.00
78 M	Bromobenzene	0.425	0.334	21.4#	87	0.00
79 M	1,3,5-Trimethylbenzene	2.086	1.688	19.1	91	0.00
80 M	2-Chlorotoluene	1.977	1.593	19.4	90	0.00
81 M	4-Chlorotoluene	1.780	1.350	24.2#	86	0.00
82 M	tert-Butylbenzene	2.587	2.171	16.1	92	0.00
83	p-Ethyltoluene	2.739	2.276	16.9	94	0.00
84 M	1,2,4-Trimethylbenzene	1.910	1.497	21.6#	86	0.00
85 M	sec-Butylbenzene	3.341	2.829	15.3	94	0.00
86 M	4-Isopropyltoluene	2.566	2.112	17.7	91	0.00
87 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	111	0.00
88 M	Bromoform	0.349	0.259	25.8#	87	0.00
89	cis-1,4-Dichloro-2-butene	0.489	0.585	-19.6	99	-0.03
90 M	1,1,2,2-Tetrachloroethane	0.632	0.498	21.2#	86	0.00
91	trans-1,4-Dichloro-2-butene	0.097	0.070#	27.8#	75	0.00
92	Pentachloroethane	0.689	0.508	26.3#	79	0.00
93 M	1,3-Dichlorobenzene	3.072	2.085	32.1#	75	0.00
94 M	1,4-Dichlorobenzene	2.792	1.897	32.1#	75	0.00
95	1,2-Dichlorobenzene	2.331	1.509	35.3#	69	0.00
96	p-Diethylbenzene	4.235	3.253	23.2#	81	0.00
97 M	n-Butylbenzene	8.646	6.717	22.3#	83	0.00
98 M	1,2-Dibromo-3-chloropropane	0.090	0.045#	50.0#	44#	0.00
99	1,2,4,5-Tetramethylbenzene	5.356	3.284	38.7#	56	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\H0944.D
 Acq On : 21 Dec 2007 1:34 pm
 Sample : VSTD050-122107H
 Misc : 8260
 MS Integration Params: rteint.p

Vial: 2
 Operator: LA-LDS
 Inst : System H
 Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\122007H.M (RTE Integrator)
 Title : VOA Standards for Multiple Point Calibration
 Last Update : Fri Dec 21 07:50:03 2007
 Response via : Multiple Level Calibration

Min. RRF : 0.100 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)
.00 M	1,2,4-Trichlorobenzene	1.571	0.537	65.8#	27#	0.00
.01 M	Hexachlorobutadiene	1.241	0.706	43.1#	47#	0.00
.02 M	Naphthalene	2.479	0.522	78.9#	17#	0.00
.03 M	1,2,3-Trichlorobenzene	1.612	0.246	84.7#	11#	0.00

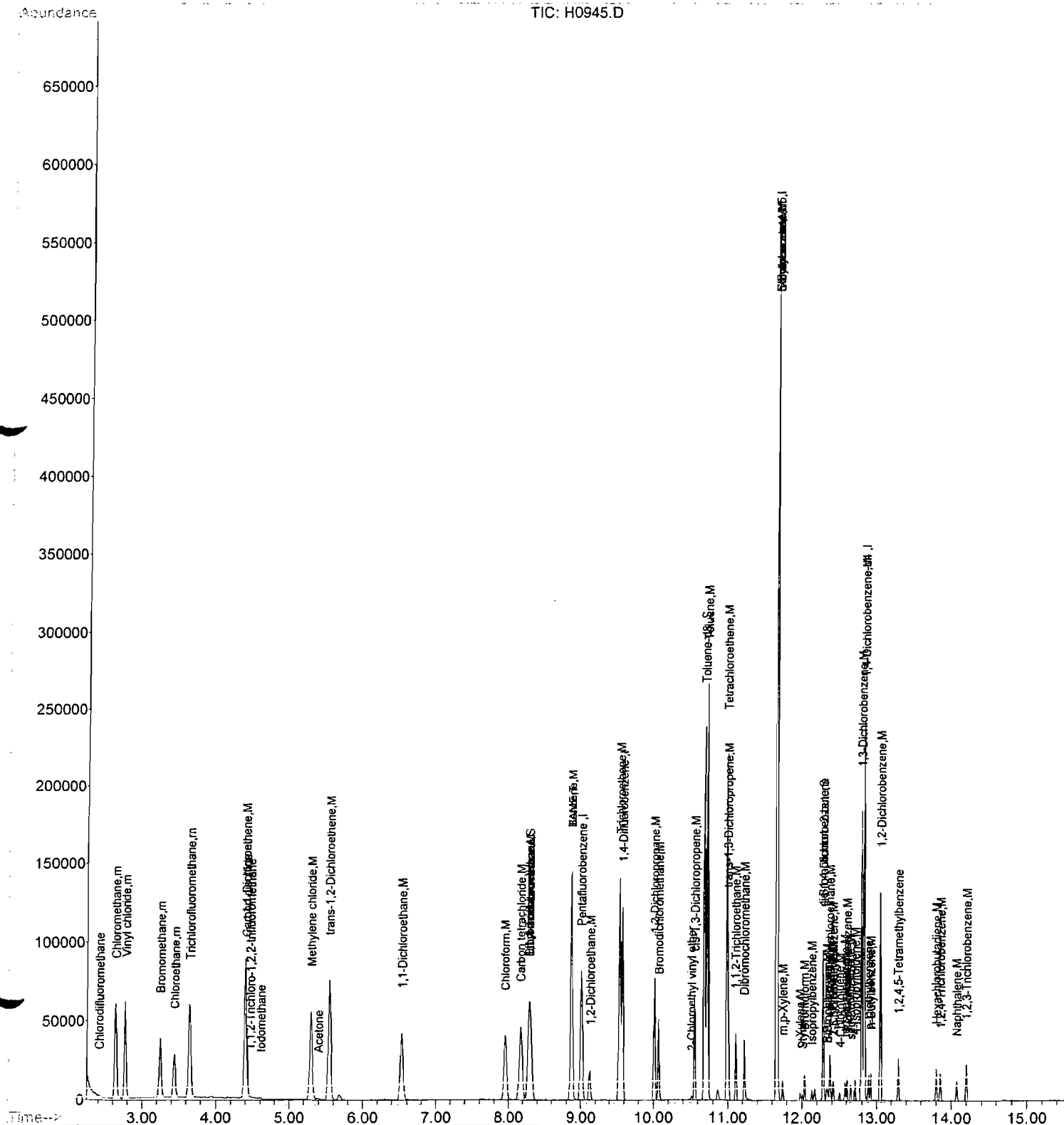
Quantitation Report

Data File : C:\HPCHEM\1\DATA\H0945.D
 Acq On : 21 Dec 2007 2:09 pm
 Sample : VLCS122107H
 Misc : 8260
 MS Integration Params: rteint.p
 Quant Time: Dec 21 14:46 2007

Vial: 3
 Operator: LA-LDS
 Inst : System H
 Multiplr: 1.00

Quant Results File: 122007H.RES

Method : C:\HPCHEM\1\METHODS\122007H.M (RTE Integrator)
 Title : VOA Standards for Multiple Point Calibration
 Last Update : Fri Dec 21 07:50:03 2007
 Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\H0945.D
 Acq On : 21 Dec 2007 2:09 pm
 Sample : VLCS122107H
 SCS : 8260

Vial: 3
 Operator: LA-LDS
 Inst : System H
 Multiplr: 1.00

MS Integration Params: rteint.p
 Quant Time: Dec 21 14:46 2007

Quant Results File: 122007H.RES

Quant Method : C:\HPCHEM\1\METHODS\122007H.M (RTE Integrator)
 Title : VOA Standards for Multiple Point Calibration
 Last Update : Fri Dec 21 07:50:03 2007
 Response via : Initial Calibration
 DataAcq Meth : LDS8260H

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	9.01	168	65867	50.00	ppb	-0.01
43) 1,4-Difluorobenzene	9.58	114	96127	50.00	ppb	-0.01
65) Chlorobenzene-d5	11.66	117	72581	50.00	ppb	0.00
87) 1,4-Dichlorobenzene-d4	12.82	152	26812	50.00	ppb	-0.01

System Monitoring Compounds

36) Dibromofluoromethane	8.28	113	22675	51.55	ppb	-0.02
Spiked Amount	50.000	Range	52 - 132	Recovery	=	103.10%
56) Toluene-d8	10.69	98	109208	48.63	ppb	-0.01
Spiked Amount	50.000	Range	51 - 127	Recovery	=	97.26%
75) 4-Bromofluorobenzene	12.28	95	30303	52.19	ppb	-0.01
Spiked Amount	50.000	Range	54 - 134	Recovery	=	104.38%

Target Compounds

	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chlorodifluoromethane	2.42	51	1136	0.61	ppb	# 75
5) Chloromethane	2.63	50	73889	42.70	ppb	97
6) Vinyl chloride	2.77	62	71578	45.39	ppb	98
7) Bromomethane	3.24	94	34374	34.84	ppb	87
8) Chloroethane	3.44	64	33589	42.50	ppb	99
12) 1,1,2-Trichloro-1,2,2-trif	4.47	101	1143	0.54	ppb	# 37
13) Trichlorofluoromethane	3.65	101	64760	44.02	ppb	97
14) Iodomethane	4.60	142	986	0.64	ppb	# 47
16) Carbon disulfide	4.42	76	2324	0.62	ppb	# 73
17) Acetone	5.38	43	1500	23.10	ppb	# 42
19) 1,1-Dichloroethene	4.40	61	65184	45.33	ppb	98
21) Methylene chloride	5.29	49	43578	39.52	ppb	99
23) trans-1,2-Dichloroethene	5.54	96	43174	36.98	ppb	99
26) 1,1-Dichloroethane	6.53	63	62353	37.24	ppb	98
30) TAME	8.87	73	1804	1.89	ppb	# 51
33) Chloroform	7.95	83	50507	35.32	ppb	99
35) Ethyl acetate	8.30	61	20151	38.16	ppb	# 99
37) 1,1,1-Trichloroethane	8.30	97	52816	38.96	ppb	99
39) Carbon tetrachloride	8.17	117	45775	38.22	ppb	94
40) 2-Chloroethyl vinyl ether	10.51	63	992	22.26	ppb	# 80
41) 1,2-Dichloroethane	9.13	62	13788	34.69	ppb	96
42) Benzene	8.87	78	147658	36.61	ppb	100
48) Trichloroethene	9.54	130	43664	36.70	ppb	96
49) 1,2-Dichloropropane	10.01	63	24616	33.39	ppb	98
50) Bromodichloromethane	10.07	83	25496	33.57	ppb	98
54) cis-1,3-Dichloropropene	10.56	75	30537	32.26	ppb	99
57) Toluene	10.72	91	154449	36.43	ppb	97
58) trans-1,3-Dichloropropene	11.01	75	18457	31.92	ppb	95
59) 1,1,2-Trichloroethane	11.11	83	9506	34.12	ppb	# 89
62) Tetrachloroethene	10.99	166	44206	38.56	ppb	98
63) Dibromochloromethane	11.22	129	13751	32.44	ppb	96
66) n-Butyl acetate	11.66	56	3193	21.51	ppb	# 1
7) Chlorobenzene	11.67	112	75799	35.40	ppb	93
69) Ethylbenzene	11.67	91	171343	37.52	ppb	99
70) m,p-Xylene	11.75	106	2576	1.60	ppb	95
71) o-Xylene	11.97	106	1048	0.71	ppb	# 69
72) Styrene	12.00	104	1589	0.74	ppb	# 60
73) Isopropylbenzene	12.13	105	3885	0.86	ppb	# 84

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\H0945.D
 Acq On : 21 Dec 2007 2:09 pm
 Sample : VLCS122107H
 Misc : 8260

Vial: 3
 Operator: LA-LDS
 Inst : System H
 Multiplr: 1.00

MS Integration Params: rteint.p

Quant Time: Dec 21 14:46 2007

Quant Results File: 122007H.RES

Quant Method : C:\HPCHEM\1\METHODS\122007H.M (RTE Integrator)

Title : VOA Standards for Multiple Point Calibration

Last Update : Fri Dec 21 07:50:03 2007

Response via : Initial Calibration

DataAcq Meth : LDS8260H

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
77) n-Propylbenzene	12.33	91	5660	1.01	ppb	94
78) Bromobenzene	12.35	158	525	0.85	ppb	# 77
79) 1,3,5-Trimethylbenzene	12.42	105	4337	1.43	ppb	90
80) 2-Chlorotoluene	12.43	91	3498	1.22	ppb	95
81) 4-Chlorotoluene	12.50	91	2957	1.14	ppb	97
82) tert-Butylbenzene	12.57	119	5111	1.36	ppb	96
83) p-Ethyltoluene	12.38	105	4495	1.13	ppb	# 93
84) 1,2,4-Trimethylbenzene	12.60	105	4818	1.74	ppb	# 87
85) sec-Butylbenzene	12.65	105	6563	1.35	ppb	95
86) 4-Isopropyltoluene	12.71	119	6505	1.75	ppb	# 92
88) Bromoform	12.03	173	5399	28.87	ppb	96
89) cis-1,4-Dichloro-2-butene	12.28	75	11423	43.55	ppb	# 15
90) 1,1,2,2-Tetrachloroethane	12.37	83	10889	32.14	ppb	92
92) Pentachloroethane	12.60	167	280	0.76	ppb	# 36
93) 1,3-Dichlorobenzene	12.79	146	51601	31.33	ppb	99
94) 1,4-Dichlorobenzene	12.83	146	46774	31.24	ppb	97
95) 1,2-Dichlorobenzene	13.05	146	36660	29.33	ppb	99
96) p-Diethylbenzene	12.89	119	4288	1.89	ppb	# 92
97) n-Butylbenzene	12.92	91	8466	1.83	ppb	# 93
99) 1,2,4,5-Tetramethylbenzene	13.29	119	10627	3.70	ppb	95
100) 1,2,4-Trichlorobenzene	13.85	180	5047	5.99	ppb	96
101) Hexachlorobutadiene	13.81	225	3347	5.03	ppb	98
102) Naphthalene	14.07	128	8598	6.47	ppb	96
103) 1,2,3-Trichlorobenzene	14.20	180	7101	8.22	ppb	93

Quantitation Report

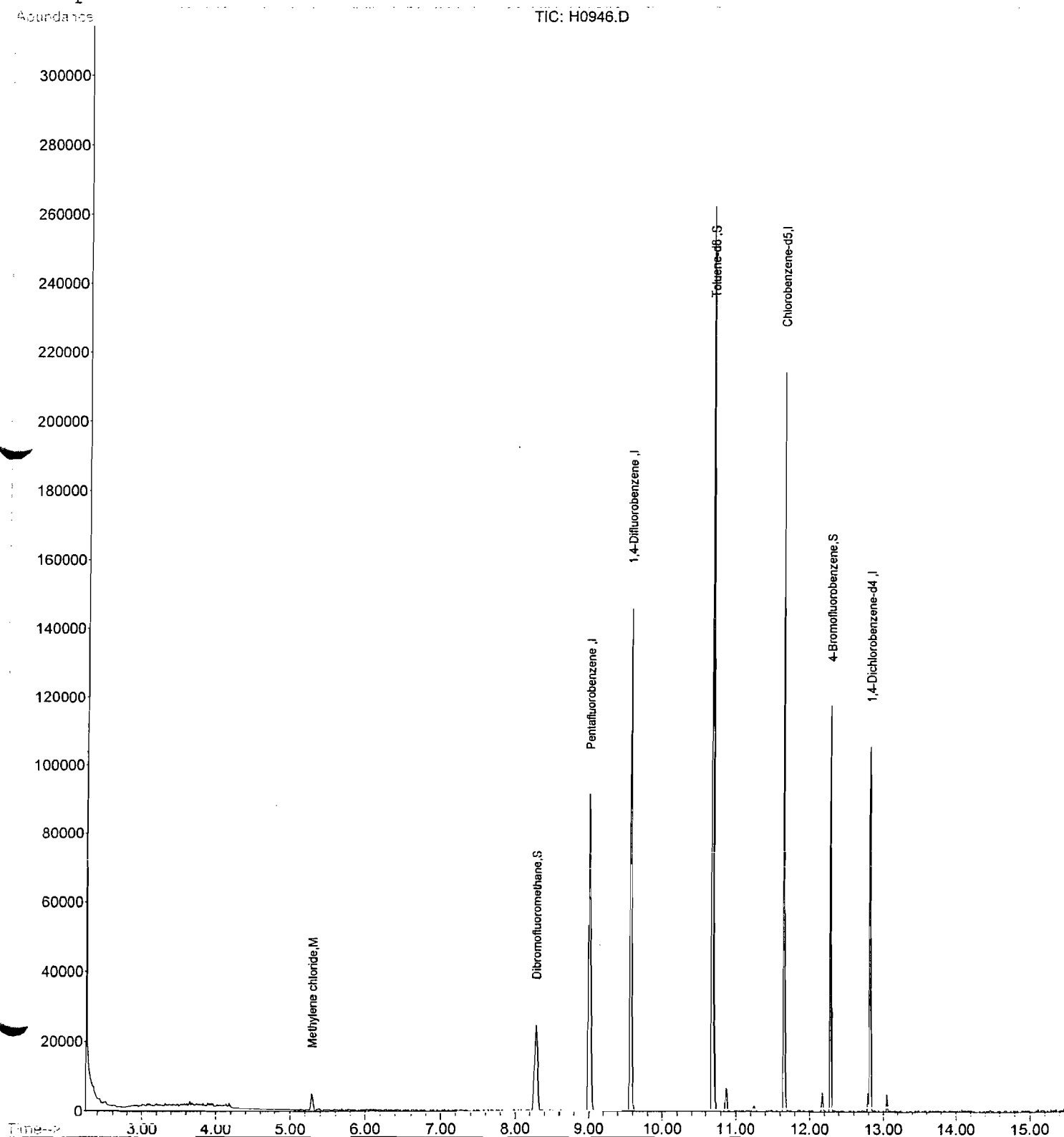
Data File : C:\HPCHEM\1\DATA\H0946.D
 Acq On : 21 Dec 2007 2:44 pm
 Sample : VBLK122107H
 Misc : 8260

Vial: 4
 Operator: LA-LDS
 Inst : System H
 Multiplr: 1.00

MS Integration Params: rteint.p
 Quant Time: Dec 21 15:02 2007

Quant Results File: 122007H.RES

Method : C:\HPCHEM\1\METHODS\122007H.M (RTE Integrator)
 Title : VOA Standards for Multiple Point Calibration
 Last Update : Fri Dec 21 07:50:03 2007
 Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\H0946.D
Acq On : 21 Dec 2007 2:44 pm
Sample : VBLK122107H
C : 8260

Vial: 4
Operator: LA-LDS
Inst : System H
Multiplr: 1.00

Integration Params: rteint.p

Quant Time: Dec 21 15:02 2007

Quant Results File: 122007H.RES

Quant Method : C:\HPCHEM\1\METHODS\122007H.M (RTE Integrator)
Title : VOA Standards for Multiple Point Calibration
Last Update : Fri Dec 21 07:50:03 2007
Response via : Initial Calibration
DataAcq Meth : LDS8260H

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	9.00	168	76046	50.00	ppb	-0.01
43) 1,4-Difluorobenzene	9.58	114	107714	50.00	ppb	-0.01
65) Chlorobenzene-d5	11.66	117	76800	50.00	ppb	0.00
87) 1,4-Dichlorobenzene-d4	12.83	152	24121	50.00	ppb	0.00

System Monitoring Compounds

36) Dibromofluoromethane	8.29	113	23887	47.04	ppb	-0.01
Spiked Amount	50.000	Range	52 - 132	Recovery	=	94.08%
56) Toluene-d8	10.69	98	119842	47.62	ppb	-0.01
Spiked Amount	50.000	Range	51 - 127	Recovery	=	95.24%
75) 4-Bromofluorobenzene	12.29	95	29290	47.68	ppb	0.00
Spiked Amount	50.000	Range	54 - 134	Recovery	=	95.36%

Target Compounds

21) Methylene chloride	5.29	49	3632	2.85	ppb	Qvalue # 93
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BFB

Data File : C:\HPCHEM\1\DATA\H0963.D

Vial: 1

Acq On : 24 Dec 2007 7:01 am

Operator: LA-LDS

Sample : BFB122407H

Inst : System H

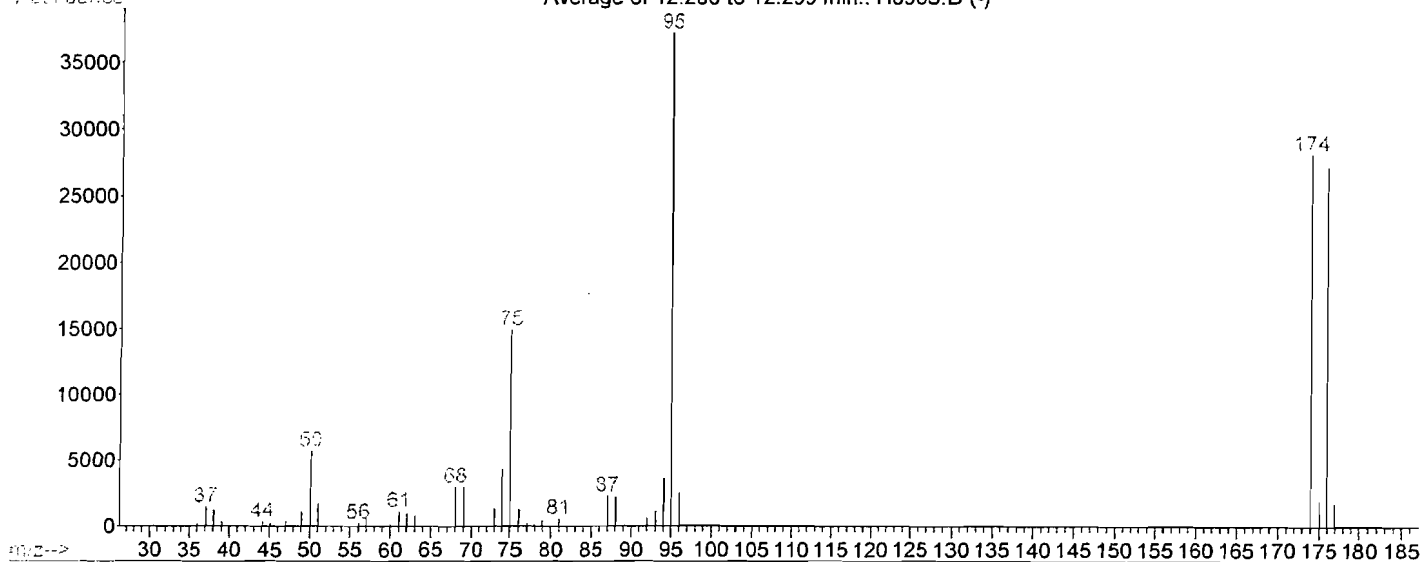
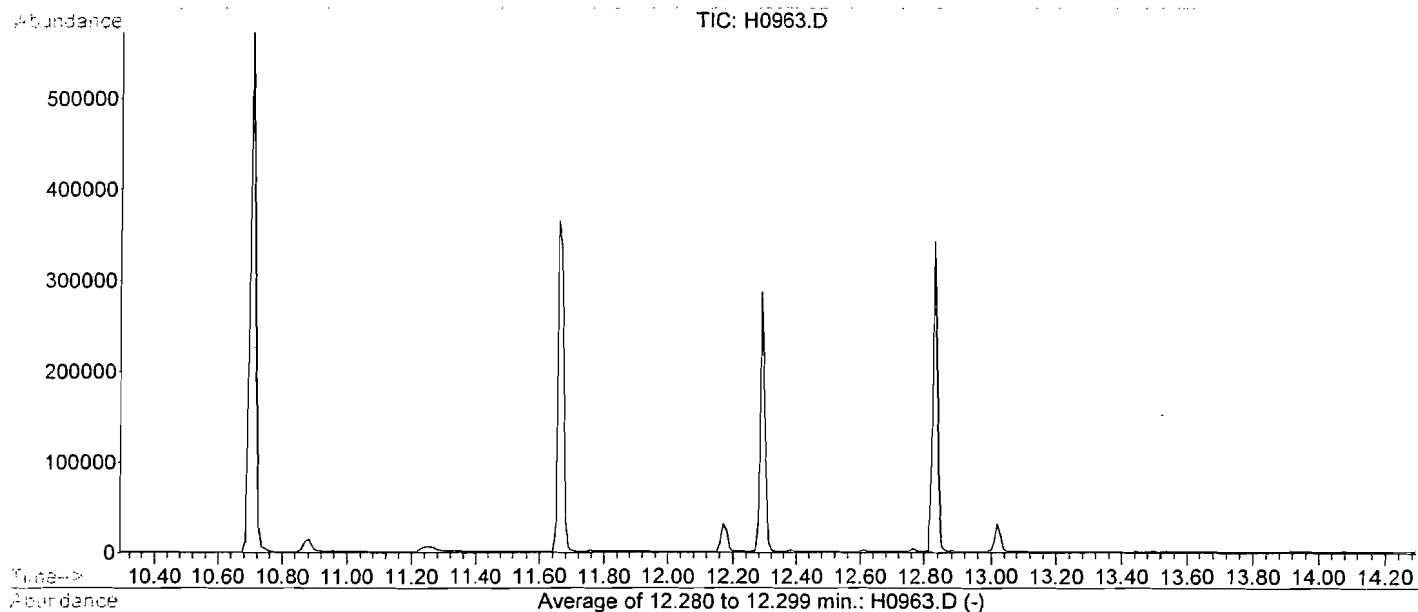
Misc : TUNE

Multiplr: 1.00

MS Integration Params: rteint.p

Method : C:\HPCHEM\1\METHODS\122007H.M (RTE Integrator)

Title : VOA Standards for Multiple Point Calibration



AutoFind: Scans 1019, 1020, 1021; Background Corrected with Scan 1016

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	15.4	5728	PASS
75	95	30	60	40.2	14953	PASS
95	95	100	100	100.0	37157	PASS
96	95	5	9	6.7	2491	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	75.7	28117	PASS
175	174	5	9	6.9	1934	PASS
176	174	95	101	96.6	27174	PASS
177	176	5	9	6.3	1720	PASS

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\H0967.D
 Acq On : 24 Dec 2007 9:20 am
 Sample : VSTD050-122407H
 Misc : 8260

Vial: 5
 Operator: LA-LDS
 Inst : System H
 Multiplr: 1.00

MS Integration Params: rteint.p

Method : C:\HPCHEM\1\METHODS\122007H.M (RTE Integrator)
 Title : VOA Standards for Multiple Point Calibration
 Last Update : Fri Dec 21 07:50:03 2007
 Response via : Multiple Level Calibration

Min. RRF : 0.100 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	Pentafluorobenzene	1.000	1.000	0.0	106	0.01
2 m	Dichlorodifluoromethane	0.927	1.300	-40.2#	156	0.04
3	Chlorodifluoromethane	1.417	1.494	-5.4	119	0.04
4	Freon-114	0.471	0.587	-24.6#	139	0.04
5 m	Chloromethane	1.314	1.288	2.0	107	0.04
6 m	Vinyl chloride	1.197	1.220	-1.9	113	0.04
7 m	Bromomethane	0.749	0.581	22.4#	104	0.04
8 m	Chloroethane	0.600	0.426	29.0#	86	0.03
9	2-Propanol	1.693	1.377	18.7	95	0.03
10	Diethyl Ether	0.160	0.142	11.3	94	0.04
11	Ethanol	0.026	0.000#	100.0#	0#	-5.30#
12	1,1,2-Trichloro-1,2,2-trifl	1.601	1.481	7.5	105	0.03
13 m	Trichlorofluoromethane	1.117	0.997	10.7	102	0.03
14	Iodomethane	1.163	0.966	16.9	91	0.03
15	Acrolein	0.014	0.000#	100.0#	0#	-4.94#
16	Carbon disulfide	2.846	2.633	7.5	104	0.03
17	Acetone	0.049	0.047#	4.1	96	0.03
18	Methyl tert-butyl ether	0.606	0.508	16.2	92	0.03
19 M	1,1-Dichloroethene	1.092	1.034	5.3	106	0.04
20	Allyl Chloride	0.481	0.427	11.2	102	0.03
21 M	Methylene chloride	0.837	0.804	3.9	102	0.03
22	Vinyl acetate	0.502	0.510	-1.6	109	0.02
23 M	trans-1,2-Dichloroethene	0.886	0.802	9.5	103	0.03
24	Diisopropyl ether	1.691	1.377	18.6	95	0.03
25 T	Acrylonitrile	1.113	1.041	6.5	105	0.02
26 M	1,1-Dichloroethane	1.271	1.130	11.1	101	0.02
27	t-Butyl alcohol	0.164	0.134	18.3	98	0.02
28 T	ETBE	0.976	0.787	19.4	93	0.03
29	2-Butanone	0.058	0.061#	-5.2	110	0.03
30 T	TAME	0.724	0.599	17.3	95	0.01
31 M	2,2-Dichloropropane	1.111	1.030	7.3	107	0.02
32 M	cis-1,2-Dichloroethene	0.844	0.715	15.3	96	0.02
33 M	Chloroform	1.085	0.910	16.1	97	0.02
34 M	Bromochloromethane	0.361	0.323	10.5	98	0.02
35	Ethyl acetate	0.401	0.374	6.7	104	0.02
36 S	Dibromofluoromethane	0.334	0.391	-17.1	129	0.02
37 M	1,1,1-Trichloroethane	1.029	0.916	11.0	103	0.02
38 M	1,1-Dichloropropene	1.213	1.107	8.7	102	0.01
39 M	Carbon tetrachloride	0.909	0.767	15.6	97	0.02
40	2-Chloroethyl vinyl ether	0.034	0.033#	2.9	126	0.00
41 M	1,2-Dichloroethane	0.302	0.267	11.6	96	0.01
42 M	Benzene	3.062	2.782	9.1	103	0.01
43 I	1,4-Difluorobenzene	1.000	1.000	0.0	87	0.00
44	1,4-Dioxane	0.588	0.674	-14.6	105	0.02
45	TAA	0.067	0.081#	-20.9#	111	0.02
46	Isopropyl acetate	0.052	0.058#	-11.5	102	0.00
47	n-Propyl acetate	0.057	0.063#	-10.5	100	0.00
48 M	Trichloroethene	0.619	0.684	-10.5	103	0.00
49 M	1,2-Dichloropropane	0.383	0.405	-5.7	98	0.00
50 M	Bromodichloromethane	0.395	0.413	-4.6	94	0.00

(#) = Out of Range

Mon Dec 24 09:42:03 2007

GCMS-H

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\H0967.D
 Acq On : 24 Dec 2007 9:20 am
 Sample : VSTD050-122407H
 Misc : 8260

Vial: 5
 Operator: LA-LDS
 Inst : System H
 Multiplr: 1.00

MS Integration Params: rteint.p

Method : C:\HPCHEM\1\METHODS\122007H.M (RTE Integrator)
 Title : VOA Standards for Multiple Point Calibration
 Last Update : Fri Dec 21 07:50:03 2007
 Response via : Multiple Level Calibration

Min. RRF : 0.100 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)
51	Methyl methacrylate	0.078	0.099#	-26.9#	103	0.00
52	4-Methyl-2-pentanone	0.100	0.120	-20.0	105	0.01
53 M	Dibromomethane	0.125	0.138	-10.4	101	0.00
54 M	cis-1,3-Dichloropropene	0.492	0.530	-7.7	100	0.00
55	Total GRO TPH	4.029	0.015#	99.6#	0#	0.02
56 S	Toluene-d8	1.168	1.704	-45.9#	127	0.00
57 M	Toluene	2.205	2.453	-11.2	102	0.00
58 M	trans-1,3-Dichloropropene	0.301	0.337	-12.0	101	0.00
59 M	1,1,2-Trichloroethane	0.145	0.160	-10.3	101	0.00
60	2-Hexanone	0.066	0.080#	-21.2#	104	0.00
61 M	1,3-Dichloropropane	0.306	0.328	-7.2	98	0.00
62 M	Tetrachloroethene	0.596	0.660	-10.7	101	0.00
63 M	Dibromochloromethane	0.220	0.225	-2.3	95	0.00
64 M	1,2-Dibromoethane	0.153	0.171	-11.8	100	0.00
65 I	Chlorobenzene-d5	1.000	1.000	0.0	105	0.00
66	n-Butyl acetate	0.102	0.107	-4.9	109	0.00
67 M	Chlorobenzene	1.475	1.355	8.1	98	0.00
68 M	1,1,1,2-Tetrachloroethane	0.424	0.375	11.6	97	0.00
69 M	Ethylbenzene	3.146	2.960	5.9	98	0.00
70 M	m,p-Xylene	1.111	1.031	7.2	96	0.00
71 M	o-Xylene	1.023	0.917	10.4	96	0.00
72 M	Styrene	1.473	1.348	8.5	97	0.00
73 M	Isopropylbenzene	3.045	2.753	9.6	96	0.00
74	n-Amyl acetate	0.106	0.103	2.8	100	0.00
75 S	4-Bromofluorobenzene	0.400	0.483	-20.7#	127	0.00
76 M	1,2,3-Trichloropropane	0.038	0.040#	-5.3	111	0.00
77 M	n-Propylbenzene	3.855	3.426	11.1	92	0.00
78 M	Bromobenzene	0.425	0.366	13.9	90	0.00
79 M	1,3,5-Trimethylbenzene	2.086	1.795	14.0	91	0.00
80 M	2-Chlorotoluene	1.977	1.715	13.3	91	0.00
81 M	4-Chlorotoluene	1.780	1.465	17.7	88	0.00
82 M	tert-Butylbenzene	2.587	2.248	13.1	90	0.00
83	p-Ethyltoluene	2.739	2.338	14.6	91	0.00
84 M	1,2,4-Trimethylbenzene	1.910	1.596	16.4	86	0.00
85 M	sec-Butylbenzene	3.341	2.956	11.5	92	0.00
86 M	4-Isopropyltoluene	2.566	2.177	15.2	88	0.00
87 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	130	0.00
88 M	Bromoform	0.349	0.253	27.5#	99	0.00
89	cis-1,4-Dichloro-2-butene	0.489	0.599	-22.5#	118	-0.02
90 M	1,1,2,2-Tetrachloroethane	0.632	0.467	26.1#	94	0.00
91	trans-1,4-Dichloro-2-butene	0.097	0.073#	24.7#	90	0.00
92	Pentachloroethane	0.689	0.474	31.2#	85	0.00
93 M	1,3-Dichlorobenzene	3.072	1.893	38.4#	80	0.00
94 M	1,4-Dichlorobenzene	2.792	1.893	32.2#	88	-0.05
95 M	1,2-Dichlorobenzene	2.331	1.316	43.5#	70	0.00
96	p-Diethylbenzene	4.235	2.717	35.8#	79	0.00
97 M	n-Butylbenzene	8.646	5.631	34.9#	81	0.00
98 M	1,2-Dibromo-3-chloropropane	0.090	0.046#	48.9#	53	0.00
99	1,2,4,5-Tetramethylbenzene	5.356	2.570	52.0#	51	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\H0967.D

Vial: 5

Acq On : 24 Dec 2007 9:20 am

Operator: LA-LDS

Sample : VSTD050-122407H

Inst : System H

Wisc : 8260

Multiplr: 1.00

MS Integration Params: rteint.p

Method : C:\HPCHEM\1\METHODS\122007H.M (RTE Integrator)

Title : VOA Standards for Multiple Point Calibration

Last Update : Fri Dec 21 07:50:03 2007

Response via : Multiple Level Calibration

Min. RRF : 0.100 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)
.00 M	1,2,4-Trichlorobenzene	1.571	0.382	75.7#	23#	0.00
.01 M	Hexachlorobutadiene	1.241	0.507	59.1#	39#	0.00
.02 M	Naphthalene	2.479	0.404	83.7#	15#	0.00
.03 M	1,2,3-Trichlorobenzene	1.612	0.136	91.6#	7#	0.00

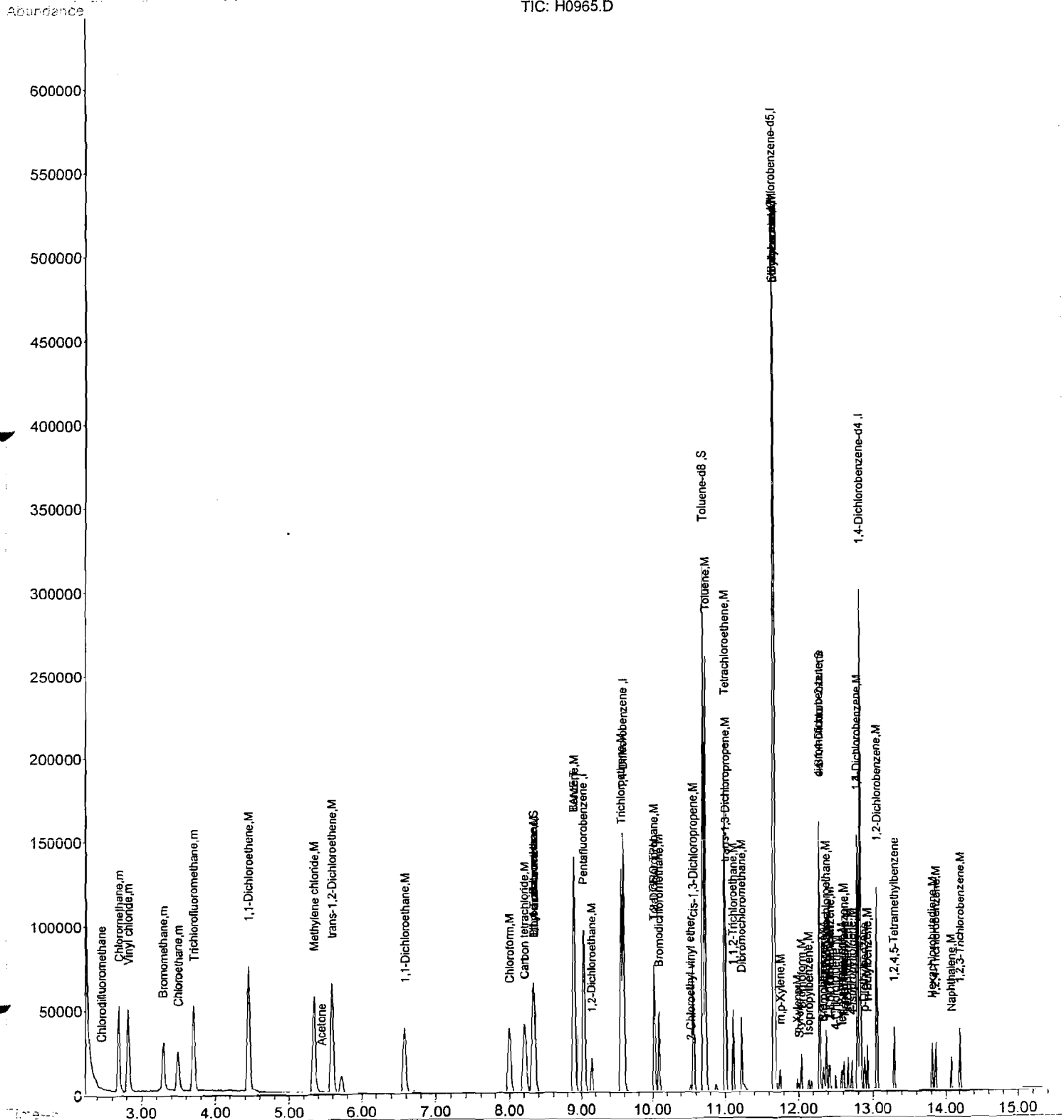
Quantitation Report

Data File : C:\HPCHEM\1\DATA\H0965.D
 Acq On : 24 Dec 2007 8:12 am
 Sample : VLCS122407H
 Misc : 8260
 MS Integration Params: rteint.p
 Quant Time: Dec 24 9:26 2007

Vial: 3
 Operator: LA-LDS
 Inst : System H
 Multiplr: 1.00

Quant Results File: 122007H.RES

Method : C:\HPCHEM\1\METHODS\122007H.M (RTE Integrator)
 Title : VOA Standards for Multiple Point Calibration
 Last Update : Fri Dec 21 07:50:03 2007
 Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\H0965.D
 Acq On : 24 Dec 2007 8:12 am
 Sample : VLCS122407H
 Mass : 8260

Vial: 3
 Operator: LA-LDS
 Inst : System H
 Multiplr: 1.00

MS Integration Params: rteint.p
 Quant Time: Dec 24 9:26 2007

Quant Results File: 122007H.RES

Quant Method : C:\HPCHEM\1\METHODS\122007H.M (RTE Integrator)
 Title : VOA Standards for Multiple Point Calibration
 Last Update : Fri Dec 21 07:50:03 2007
 Response via : Initial Calibration
 DataAcq Meth : LDS8260H

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	9.04	168	80803	50.00	ppb	0.02
43) 1,4-Difluorobenzene	9.60	114	120465	50.00	ppb	0.00
65) Chlorobenzene-d5	11.66	117	92312	50.00	ppb	0.00
87) 1,4-Dichlorobenzene-d4	12.83	152	33121	50.00	ppb	0.00

System Monitoring Compounds

36) Dibromofluoromethane	8.33	113	28089	52.06	ppb	0.03
Spiked Amount	50.000	Range	52 - 132	Recovery	=	104.12%
56) Toluene-d8	10.70	98	140129	49.79	ppb	0.00
Spiked Amount	50.000	Range	51 - 127	Recovery	=	99.58%
75) 4-Bromofluorobenzene	12.29	95	37010	50.12	ppb	0.00
Spiked Amount	50.000	Range	54 - 134	Recovery	=	100.24%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chlorodifluoromethane	2.47	51	1177	0.51	ppb	# 75
5) Chloromethane	2.69	50	70971	33.43	ppb	98
6) Vinyl chloride	2.82	62	65547	33.88	ppb	99
7) Bromomethane	3.30	94	31478	26.01	ppb	90
8) Chloroethane	3.49	64	31396	32.38	ppb	98
13) Trichlorofluoromethane	3.70	101	56188	31.13	ppb	98
17) Acetone	5.43	43	1911	23.99	ppb	# 42
19) 1,1-Dichloroethene	4.45	61	59652	33.82	ppb	98
21) Methylene chloride	5.34	49	46420	34.32	ppb	99
23) trans-1,2-Dichloroethene	5.59	96	40393	28.21	ppb	99
26) 1,1-Dichloroethane	6.58	63	59045	28.75	ppb	100
30) TAME	8.90	73	1816	1.55	ppb	# 51
33) Chloroform	7.99	83	48199	27.48	ppb	99
35) Ethyl acetate	8.34	61	19169	29.59	ppb	# 99
37) 1,1,1-Trichloroethane	8.34	97	47836	28.76	ppb	99
39) Carbon tetrachloride	8.21	117	41548	28.28	ppb	93
40) 2-Chloroethyl vinyl ether	10.53	63	1583	28.96	ppb	# 71
41) 1,2-Dichloroethane	9.15	62	14039	28.79	ppb	95
42) Benzene	8.90	78	144937	29.29	ppb	99
48) Trichloroethene	9.56	130	42107	28.24	ppb	95
49) 1,2-Dichloropropane	10.02	63	25998	28.14	ppb	99
50) Bromodichloromethane	10.09	83	26232	27.56	ppb	99
54) cis-1,3-Dichloropropene	10.57	75	32375	27.29	ppb	100
55) Total GRO TPH	10.02	TIC	109729	11.30	ppb	100
57) Toluene	10.74	91	154029	28.99	ppb	97
58) trans-1,3-Dichloropropene	11.02	75	20183	27.85	ppb	95
59) 1,1,2-Trichloroethane	11.12	83	10328	29.58	ppb	# 89
62) Tetrachloroethene	11.00	166	42239	29.40	ppb	98
63) Dibromochloromethane	11.23	129	14972	28.19	ppb	100
66) n-Butyl acetate	11.67	56	3386	17.93	ppb	# 1
67) Chlorobenzene	11.67	112	78371	28.78	ppb	94
69) Ethylbenzene	11.68	91	172763	29.74	ppb	98
70) m,p-Xylene	11.76	106	2948	1.44	ppb	89
71) o-Xylene	11.98	106	1476	0.78	ppb	# 79
72) Styrene	12.01	104	1862	0.68	ppb	# 87
73) Isopropylbenzene	12.14	105	4348	0.77	ppb	# 92
77) n-Propylbenzene	12.34	91	7350	1.03	ppb	92
78) Bromobenzene	12.35	158	936	1.19	ppb	79

(#) = qualifier out of range (m) = manual integration

GCMS-H

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\H0965.D
Acq On : 24 Dec 2007 8:12 am
Sample : VLCS122407H
C : 8260

Vial: 3
Operator: LA-LDS
Inst : System H
Multiplr: 1.00

MS Integration Params: rteint.p

Quant Time: Dec 24 9:26 2007

Quant Results File: 122007H.RES

Quant Method : C:\HPCHEM\1\METHODS\122007H.M (RTE Integrator)
Title : VOA Standards for Multiple Point Calibration
Last Update : Fri Dec 21 07:50:03 2007
Response via : Initial Calibration
DataAcq Meth : LDS8260H

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
79) 1,3,5-Trimethylbenzene	12.42	105	5504	1.43	ppb	95
80) 2-Chlorotoluene	12.43	91	4612	1.26	ppb	94
81) 4-Chlorotoluene	12.51	91	4366	1.33	ppb	98
82) tert-Butylbenzene	12.58	119	6744	1.41	ppb #	95
83) p-Ethyltoluene	12.39	105	6153	1.22	ppb #	95
84) 1,2,4-Trimethylbenzene	12.61	105	6659	1.89	ppb #	87
85) sec-Butylbenzene	12.66	105	9525	1.54	ppb #	92
86) 4-Isopropyltoluene	12.72	119	8885	1.88	ppb #	92
88) Bromoform	12.04	173	6379	27.61	ppb	96
89) cis-1,4-Dichloro-2-butene	12.29	75	14249	43.98	ppb #	15
90) 1,1,2,2-Tetrachloroethane	12.38	83	11958	28.57	ppb #	92
92) Pentachloroethane	12.61	167	535	1.17	ppb #	65
93) 1,3-Dichlorobenzene	12.80	146	57314	28.17	ppb	97
94) 1,4-Dichlorobenzene	12.80	146	57314	30.99	ppb	97
95) 1,2-Dichlorobenzene	13.06	146	41221	26.70	ppb	98
96) p-Diethylbenzene	12.89	119	6093	2.17	ppb #	95
97) n-Butylbenzene	12.93	91	12663	2.21	ppb	96
99) 1,2,4,5-Tetramethylbenzene	13.30	119	15930	4.49	ppb	99
100) 1,2,4-Trichlorobenzene	13.87	180	8007	7.69	ppb	98
101) Hexachlorobutadiene	13.82	225	5172	6.29	ppb	96
102) Naphthalene	14.08	128	12634	7.69	ppb	99
103) 1,2,3-Trichlorobenzene	14.21	180	10119	9.48	ppb	99

(#) = qualifier out of range (m) = manual integration

122007H.M

Mon Dec 24 09:26:15 2007

GCMS-H

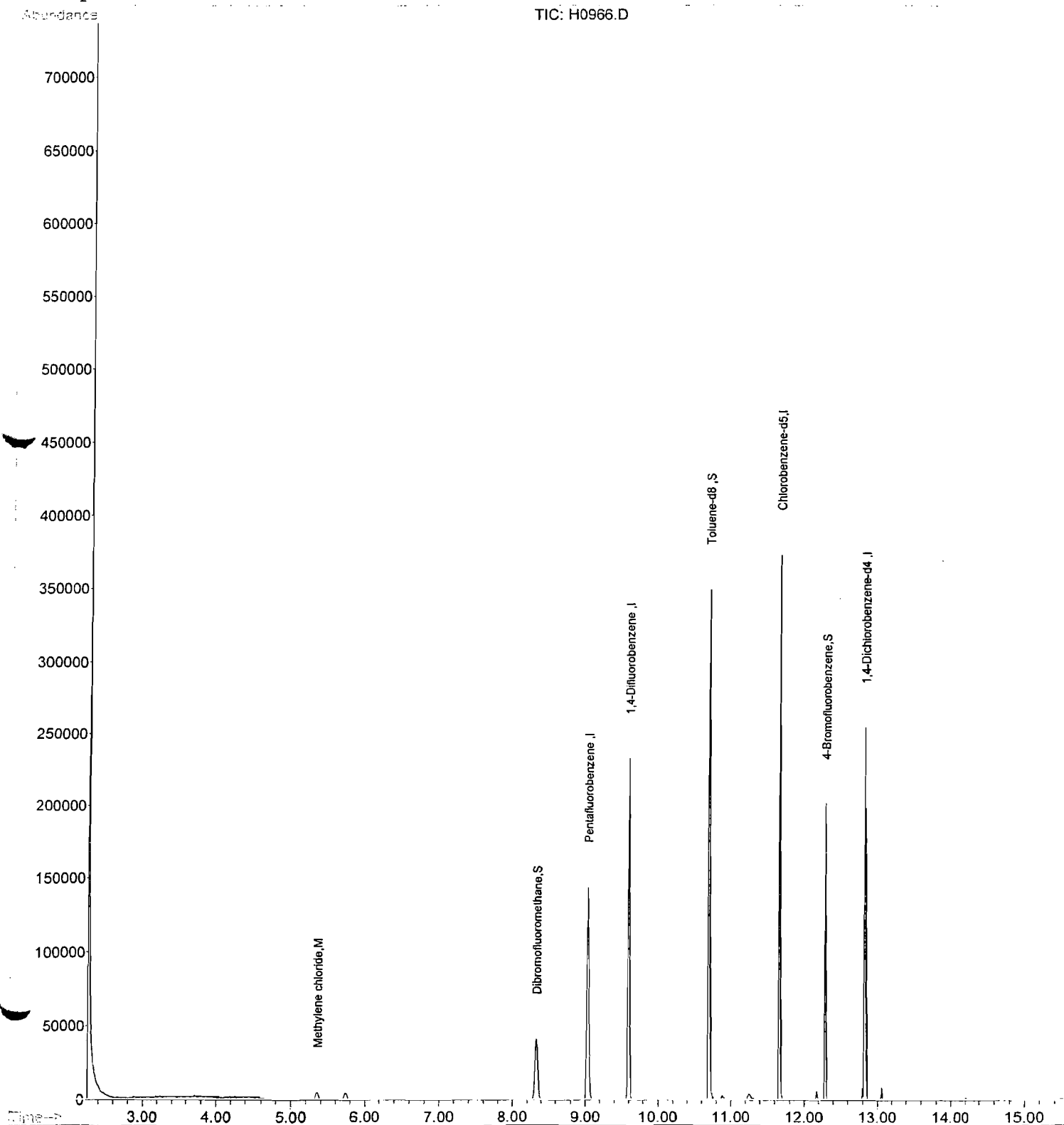
Quantitation Report

Data File : C:\HPCHEM\1\DATA\H0966.D
Acq On : 24 Dec 2007 8:46 am
Sample : VBLK122407H
Misc : 8260
MS Integration Params: rteint.p
Quant Time: Dec 24 9:26 2007

Vial: 4
Operator: LA-LDS
Inst : System H
Multiplr: 1.00

Quant Results File: 122007H.RES

Method : C:\HPCHEM\1\METHODS\122007H.M (RTE Integrator)
Title : VOA Standards for Multiple Point Calibration
Last Update : Fri Dec 21 07:50:03 2007
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\H0966.D
Acq On : 24 Dec 2007 8:46 am
Sample : VBLK122407H
SC : 8260

Vial: 4
Operator: LA-LDS
Inst : System H
Multiplr: 1.00

Integration Params: rteint.p

Quant Time: Dec 24 9:26 2007

Quant Results File: 122007H.RES

Quant Method : C:\HPCHEM\1\METHODS\122007H.M (RTE Integrator)

Title : VOA Standards for Multiple Point Calibration

Last Update : Fri Dec 21 07:50:03 2007

Response via : Initial Calibration

DataAcq Meth : LDS8260H

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	9.03	168	116361	50.00	ppb	0.01
43) 1,4-Difluorobenzene	9.59	114	171416	50.00	ppb	0.00
65) Chlorobenzene-d5	11.66	117	133376	50.00	ppb	0.00
87) 1,4-Dichlorobenzene-d4	12.83	152	50291	50.00	ppb	0.00

System Monitoring Compounds

36) Dibromofluoromethane	8.33	113	40964	52.72	ppb	0.03
Spiked Amount	50.000	Range 52 - 132	Recovery	=	105.44%	
56) Toluene-d8	10.71	98	196353	49.03	ppb	0.00
Spiked Amount	50.000	Range 51 - 127	Recovery	=	98.06%	
75) 4-Bromofluorobenzene	12.29	95	55122	51.67	ppb	0.00
Spiked Amount	50.000	Range 54 - 134	Recovery	=	103.34%	

Target Compounds

21) Methylene chloride	5.35	49	4463	2.29	ppb	Qvalue 96
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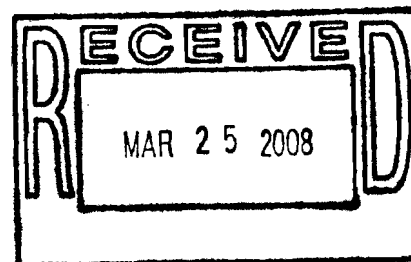
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LABORATORY REPORT

March 21, 2008

Peter Brighton
Walden Environmental Engineering, PLLC
16 Spring Street
Oyster Bay, NY 11771

**RE: Bayville Village Cleaners / BVC0106**

Dear Peter:

Enclosed are the results of the samples submitted to our laboratory on February 26, 2008. For your reference, these analyses have been assigned our service request number P0800448.

All analyses were performed in accordance with our laboratory's quality assurance program. Results are intended to be considered in their entirety and apply only to the samples analyzed and reported herein. Your report contains **324** pages.

Columbia Analytical Services, Inc. is certified by the California Department of Health Services, NELAP Laboratory Certificate No. 02115CA; Arizona Department of Health Services, Certificate No. AZ0694; Florida Department of Health, NELAP Certification E871020; New Jersey Department of Environmental Protection, NELAP Laboratory Certification ID #CA009; New York State Department of Health, NELAP NY Lab ID No: 11221; Oregon Environmental Laboratory Accreditation Program, NELAP ID: CA20007; The American Industrial Hygiene Association, Laboratory #101661; Department of the Navy (NFESC); Pennsylvania Registration No. 68-03307. Each of the certifications listed above have an explicit Scope of Accreditation that applies to specific matrices/methods/analytes; therefore, please contact me for information corresponding to a particular certification.

If you have any questions, please call me at (805) 526-7161.

Respectfully submitted,

Columbia Analytical Services, Inc.

Kate Aguilera
Project Manager

NARRATIVE

Client: Walden Environmental Engineering, PLLC
Project: Bayville Village Cleaners / BVC0106

CAS Project No: P0800448
New York Lab ID: 11221

CASE NARRATIVE

The samples were received intact under chain of custody on February 26, 2008 and were stored in accordance with the analytical method requirements. Please refer to the sample acceptance check form for additional information. The results reported herein are applicable only to the condition of the samples at the time of sample receipt.

Volatile Organic Compound Analysis

The samples were analyzed for selected volatile organic compounds in accordance with EPA Method TO-15 from the Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air, Second Edition (EPA/625/R-96/010b), January, 1999. The analytical system was comprised of a gas chromatograph / mass spectrometer (GC/MS) interfaced to a whole-air preconcentrator.

The results of analyses are given in the attached laboratory report. All results are intended to be considered in their entirety, and Columbia Analytical Services, Inc. (CAS) is not responsible for utilization of less than the complete report.

Client: Walden Environmental Engineering, PLLC
Project: Bayville Village Cleaners BVC0106

Folder: P0800448

Detailed Sample Information

<u>CAS Sample ID</u>	<u>Client Sample ID</u>	<u>Container Type</u>	<u>Pi1</u> (Hg)	<u>Pi1</u> (psig)	<u>Pf1</u>	<u>Pi2</u> (Hg)	<u>Pi2</u> (psig)	<u>Pf2</u>	<u>Cont ID</u>	<u>FC ID</u>
P0800448-001.01	I-1	6.0 L-Summa Canister Ambient		0.1	3.5				AC01337	FC00506
P0800448-002.01	O-1	6.0 L-Summa Canister Ambient		1.3	3.5				AC01035	FC00099
P0800448-003.01	SS-1	6.0 L-Summa Canister Source		0.3	3.8				SC00675	
P0800448-004.01	SV-1	6.0 L-Summa Canister Source		0.8	3.8				SC00857	
P0800448-005.01	SV-2	6.0 L-Summa Canister Source		0.6	3.5				SC00823	
P0800448-006.01	SV-3	6.0 L-Summa Canister Source	-0.1	0.0	3.6				SC00618	
P0800448-007.01	SV-4	6.0 L-Summa Canister Source		0.8	3.5				SC00527	
P0800448-008.01	SV-5	6.0 L-Summa Canister Source		0.7	3.5				SC00239	

Miscellaneous Items - received

AVG00580
AVG00575
OA00065
AVG00653
OA00137
OA00063
AVG00718
AVG00605
OA00430
AVG00208
OA00112
OA00111
AVG00639
AVG00359

Columbia Analytical Services, Inc.

Sample Acceptance Check Form

Client: Walden Environmental Engineering, PLLCWork order: P0800448Project: Bayville Village Cleaners / BVC0106Sample(s) received on: 2/26/2008Date opened: 2/26/2008by: MZAMORA

Note: This form is used for all samples received by CAS. The use of this form for custody seals is strictly meant to indicate presence/absence and not as an indication of compliance or nonconformity. Thermal preservation and pH will only be evaluated either at the request of the client and/or as required by the method/SOP.

- | | Yes | No | N/A |
|--|-------------------------------------|-------------------------------------|-------------------------------------|
| 1 Were sample containers properly marked with client sample ID? | ☒ | ☐ | ☐ |
| 2 Container(s) supplied by CAS? | ☒ | ☐ | ☐ |
| 3 Did sample containers arrive in good condition? | ☒ | ☐ | ☐ |
| 4 Were chain-of-custody papers used and filled out? | ☒ | ☐ | ☐ |
| 5 Did sample container labels and/or tags agree with custody papers? | ☒ | ☐ | ☐ |
| 6 Was sample volume received adequate for analysis? | ☒ | ☐ | ☐ |
| 7 Are samples within specified holding times? | ☒ | ☐ | ☐ |
| 8 Was proper temperature (thermal preservation) of cooler at receipt adhered to? | ☐ | ☐ | ☒ |
| Cooler Temperature _____ °C Blank Temperature _____ °C | | | |
| 9 Was a trip blank received? | ☐ | ☒ | ☐ |
| Trip blank supplied by CAS: Serial # _____ -TB _____ | | | |
| 10 Were custody seals on outside of cooler/Box? | ☐ | ☒ | ☐ |
| Location of seal(s)? _____ Sealing Lid? | ☐ | ☐ | ☒ |
| Were signature and date included? | ☐ | ☐ | ☒ |
| Were seals intact? | ☐ | ☐ | ☒ |
| Were custody seals on outside of sample container? | ☐ | ☒ | ☐ |
| Location of seal(s)? _____ Sealing Lid? | ☐ | ☐ | ☒ |
| Were signature and date included? | ☐ | ☐ | ☒ |
| Were seals intact? | ☐ | ☐ | ☒ |
| 11 Do containers have appropriate preservation , according to method/SOP or Client specified information? | ☐ | ☐ | ☒ |
| Is there a client indication that the submitted samples are pH preserved? | ☐ | ☐ | ☒ |
| Were VOA vials checked for presence/absence of air bubbles? | ☐ | ☐ | ☒ |
| Does the client/method/SOP require that the analyst check the sample pH and <u>if necessary</u> alter it? | ☐ | ☐ | ☒ |
| 12 Tubes: Are the tubes capped and intact? | ☐ | ☐ | ☒ |
| Do they contain moisture? | ☐ | ☐ | ☒ |
| 13 Badges: Are the badges properly capped and intact? | ☐ | ☐ | ☒ |
| Are dual bed badges separated and individually capped and intact? | ☐ | ☐ | ☒ |

Lab Sample ID	Container Description	Required pH *	Received pH	Adjusted pH	VOA Headspace (Presence/Absence)	Receipt / Preservation Comments
P0800448-001.01	6.0 L Ambient Can					
P0800448-002.01	6.0 L Ambient Can					
P0800448-003.01	6.0 L Source Can					
P0800448-004.01	6.0 L Source Can					
P0800448-005.01	6.0 L Source Can					
P0800448-006.01	6.0 L Source Can					
P0800448-007.01	6.0 L Source Can					

Explain any discrepancies: (include lab sample ID numbers): _____

*Required pH: Phenols/COD/NH3/TOC/TOX/NO3+NO2/TKN/T.PHOS, H2SO4 (pH<2); Metals, HNO3 (pH<2); CN (NaOH or NaOH/Asc Acid) (pH>12);

Diss. Sulfide, NaOH (pH>12); T. Sulfide, NaOH/ZnAc (pH>12)

RSK - MEEPP, HCL (pH<2); RSK - CO2, (pH 5-8); Sulfur (pH>4)

P0800448_Walden Environmental Engineering, PLLC_Bayville Village Cleaners_BVC0106 - Page 1 of 2

2/26/2008 4:19 PM

Columbia Analytical Services, Inc.

Sample Acceptance Check Form

Work order: P0800448

Sample(s) received on: 2/26/2008

by: MZAMORA

[illegible]

Explain any discrepancies: (include lab sample ID numbers):

NYSDEC DATA PACKAGE SUMMARY FORMS

—

SAMPLE PREPARATION AND ANALYSIS SUMMARY

VOLATILE (VOA) ANALYSES

9

CHAIN OF CUSTODY FORMS

Requested Turnaround Time in Business Days (Surcharges) please circle
1 Day (100%) 2 Day (75%) 3 Day (50%) 4 Day (35%) 5 Day (25%) 10 Day - Standard

CAS Project No.
90800448

Company Name & Address (Reporting Information) Walden Associates 16 Spring Street Oyster Bay, NY 11771				Project Name Bayville Village Cleaners				CAS Contact				Comments e.g. Actual Preservative or specific instructions
Project Manager Peter Brighton				Project Number BV00106				Analysis Method and/or Analytes				
Phone 516 624 7200				Fax 516 624 3419				TO-15				
Email Address for Result Reporting pbrighton@waldenenvironmental.com				P.O. # / Billing Information Tom Ryan BV00106								
Sampler (Print & Sign) Peter Brighton												
Client Sample ID	Laboratory ID Number	Date Collected	Time Collected	Sample Type (Air/Tube/Solid)	Canister ID (Bar Code # - AC, SC, etc.)	Flow Controller (Bar Code # - FC #)	Sample Volume					
I-1	① +0.1	2-22-09	0925	Air	003864	F00506	6L	✓				
O-1	② +1.3		0925		002815	F00049		✓				
SS-1	③ +0.3		1005		002477	—		✓				
SV-1	④ +0.8		1107		01208	—		✓				
SV-2	⑤ +0.6		1125		002422	—		✓				
SV-3	⑥ -0.1		1303		02175	—		✓				
SV-4	⑦ +0.8		1310		0126	—		✓				
SV-5	⑧ +0.7	2/25/09	1350	↓	00436	—	↓	✓				

Report Tier Levels - please select

Tier I - (Results/Default if not specified) _____
Tier II - (Results + QC) _____

Tier III - (Data Validation Package) 10% Surcharge _____
Tier V - (client specified) _____

EDD required Yes / No
Type: _____

EDD Units: _____

Project Requirements (MRLs, QAPP)

Cat. B

Relinquished by: (Signature) <i>PAB</i>	Date: 2/25/09	Time: 1100	Received by: (Signature) <i>Ultamers</i>	Date: 2/25/09	Time: 1100
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:

Cooler / Blank

Temperature

GC/MS VOLATILES DATA

QC Summary

COLUMBIA ANALYTICAL SERVICES, INC.

SURROGATE SPIKE RECOVERY RESULTS

Page 1 of 1

Client: Walden Environmental Engineering, PLLC
Client Project ID: Bayville Village Cleaners / BVC0106

CAS Project ID: P0800448

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Simon Cao
Sampling Media: 6.0 L Summa Canister(s)
Test Notes:

Date(s) Collected: 2/22 - 2/25/08
Date(s) Received: 2/26/08
Date(s) Analyzed: 2/28 - 2/29/08

Client Sample ID	CAS Sample ID	1,2-Dichloroethane-d4		Toluene-d8		Bromofluorobenzene		Data Qualifier
		%	Acceptance	%	Acceptance	%	Acceptance	
		Recovered	Limits	Recovered	Limits	Recovered	Limits	
Method Blank	P080228-MB	88	70-130	100	70-130	99	70-130	
Method Blank	P080229-MB	89	70-130	100	70-130	100	70-130	
Lab Control Sample	P080228-LCS	93	70-130	100	70-130	99	70-130	
Lab Control Sample	P080229-LCS	94	70-130	102	70-130	100	70-130	
SV-1	P0800448-001	94	70-130	100	70-130	100	70-130	
SV-1	P0800448-002	88	70-130	100	70-130	100	70-130	
SV-1	P0800448-003	95	70-130	100	70-130	99	70-130	
SV-1	P0800448-004	96	70-130	98	70-130	97	70-130	
SV-2	P0800448-005	94	70-130	97	70-130	96	70-130	
SV-3	P0800448-006	95	70-130	96	70-130	96	70-130	
SV-4	P0800448-007	97	70-130	100	70-130	99	70-130	
SV-5	P0800448-008	92	70-130	99	70-130	99	70-130	

COLUMBIA ANALYTICAL SERVICES, INC.

LABORATORY CONTROL SAMPLE SUMMARY

Page 1 of 3

Client: Walden Environmental Engineering, PLLC**Client Sample ID:** Lab Control Sample**Client Project ID:** Bayville Village Cleaners / BVC0106

CAS Project ID: P0800448

CAS Sample ID: P080228-LCS

Test Code: EPA TO-15**Instrument ID:** Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8**Analyst:** Simon Cao**Sampling Media:** 6.0 L Summa Canister**Test Notes:**

Date Collected: NA

Date Received: NA

Date Analyzed: 2/28/08

Volume(s) Analyzed: NA Liter(s)

CAS #	Compound	Spike Amount ng	Result ng	% Recovery	CAS Acceptance Limits	Data Qualifier
115-07-1	Propene	26.3	27.6	105	62-124	
75-71-8	Dichlorodifluoromethane (CFC 12)	25.5	25.6	100	69-117	
74-87-3	Chloromethane	24.5	23.5	96	53-131	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	26.0	23.4	90	58-133	
75-01-4	Vinyl Chloride	24.8	24.6	99	61-127	
106-99-0	1,3-Butadiene	30.0	30.0	100	67-127	
74-83-9	Bromomethane	25.0	28.9	116	67-124	
75-00-3	Chloroethane	25.0	28.6	114	69-123	
64-17-5	Ethanol	23.8	27.3	115	56-137	
75-05-8	Acetonitrile	25.3	25.0	99	62-133	
107-02-8	Acrolein	24.8	27.5	111	68-124	
67-64-1	Acetone	26.8	28.1	105	63-116	
75-69-4	Trichlorofluoromethane	26.3	26.7	102	71-120	
67-63-0	2-Propanol (Isopropyl Alcohol)	25.8	23.4	91	51-127	
107-13-1	Acrylonitrile	25.5	29.0	114	74-129	
75-35-4	1,1-Dichloroethene	27.8	30.6	110	77-116	
75-09-2	Methylene Chloride	27.8	28.0	101	71-113	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	26.8	29.9	112	75-127	
76-13-1	Trichlorotrifluoroethane	27.8	30.5	110	63-129	
75-15-0	Carbon Disulfide	25.0	23.3	93	72-122	
156-60-5	trans-1,2-Dichloroethene	26.5	28.9	109	74-118	
75-34-3	1,1-Dichloroethane	26.8	28.0	104	74-118	
1634-04-4	Methyl tert-Butyl Ether	26.8	27.8	104	72-119	
108-05-4	Vinyl Acetate	25.3	37.9	150	32-163	
78-93-3	2-Butanone (MEK)	27.0	30.0	111	71-122	

Verified By: Rec Date: 3/1/08

COLUMBIA ANALYTICAL SERVICES, INC.

LABORATORY CONTROL SAMPLE SUMMARY

Page 2 of 3

Client: **Walden Environmental Engineering, PLLC**
 Client Sample ID: **Lab Control Sample**
 Client Project ID: **Bayville Village Cleaners / BVC0106**

CAS Project ID: P0800448
 CAS Sample ID: P080228-LCS

Test Code: EPA TO-15
 Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
 Analyst: Simon Cao
 Sampling Media: 6.0 L Summa Canister
 Test Notes:

Date Collected: NA
 Date Received: NA
 Date Analyzed: 2/28/08
 Volume(s) Analyzed: NA Liter(s)

CAS #	Compound	Spike Amount ng	Result ng	% Recovery	CAS Acceptance Limits	Data Qualifier
56-59-2	cis-1,2-Dichloroethene	27.0	28.5	106	74-117	
41-78-6	Ethyl Acetate	29.3	31.9	109	69-128	
10-54-3	n-Hexane	27.0	28.5	106	60-127	
7-66-3	Chloroform	29.8	31.5	106	72-113	
99-99-9	Tetrahydrofuran (THF)	26.8	29.1	109	72-129	
07-06-2	1,2-Dichloroethane	26.3	26.5	101	72-117	
1-55-6	1,1,1-Trichloroethane	26.8	28.8	107	78-114	
1-43-2	Benzene	27.0	28.3	105	73-111	
6-23-5	Carbon Tetrachloride	26.0	28.3	109	78-126	
10-82-7	Cyclohexane	26.8	27.0	101	74-116	
8-87-5	1,2-Dichloropropane	26.5	29.7	112	78-117	
5-27-4	Bromodichloromethane	27.8	29.8	107	77-120	
9-01-6	Trichloroethene	27.3	31.5	115	80-116	
23-91-1	1,4-Dioxane	27.5	30.8	112	79-122	
0-62-6	Methyl Methacrylate	25.8	28.9	112	79-128	
42-82-5	n-Heptane	26.8	29.1	109	77-117	
0061-01-5	cis-1,3-Dichloropropene	25.0	26.9	108	78-112	
08-10-1	4-Methyl-2-pentanone	27.5	27.8	101	78-128	
0061-02-6	trans-1,3-Dichloropropene	28.0	31.2	111	81-121	
0-00-5	1,1,2-Trichloroethane	26.3	29.5	112	80-117	
08-88-3	Toluene	26.5	27.7	105	76-116	
01-78-6	2-Hexanone	26.3	26.6	101	69-131	
4-48-1	Dibromochloromethane	27.0	30.5	113	80-128	
6-93-4	1,2-Dibromoethane	26.3	29.3	111	79-122	
3-86-4	n-Butyl Acetate	26.3	29.1	111	69-135	

Verified By: RCS Date: 3/1/08

COLUMBIA ANALYTICAL SERVICES, INC.

LABORATORY CONTROL SAMPLE SUMMARY

Page 3 of 3

Client: Walden Environmental Engineering, PLLC
Client Sample ID: Lab Control Sample
Client Project ID: Bayville Village Cleaners / BVC0106

CAS Project ID: P0800448
 CAS Sample ID: P080228-LCS

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Simon Cao
Sampling Media: 6.0 L Summa Canister
Test Notes:

Date Collected: NA
Date Received: NA
Date Analyzed: 2/28/08
Volume(s) Analyzed: NA Liter(s)

CAS #	Compound	Spike Amount ng	Result ng	% Recovery	CAS Acceptance Limits	Data Qualifier
111-65-9	n-Octane	26.0	28.7	110	78-122	
127-18-4	Tetrachloroethene	26.0	28.9	111	77-118	
108-90-7	Chlorobenzene	26.5	28.2	106	78-117	
100-41-4	Ethylbenzene	26.3	27.3	104	79-116	
179601-23-1	m,p-Xylenes	62.5	65.2	104	80-117	
75-25-2	Bromoform	31.3	37.9	121	77-128	
100-42-5	Styrene	26.3	28.2	107	80-124	
91-06-6	o-Xylene	29.8	30.9	104	80-116	
111-84-2	n-Nonane	26.0	26.7	103	80-120	
79-34-5	1,1,2,2-Tetrachloroethane	29.8	32.8	110	79-120	
98-82-8	Cumene	27.0	28.8	107	81-119	
80-56-8	alpha-Pinene	26.3	28.3	108	76-123	
103-65-1	n-Propylbenzene	26.3	28.1	107	82-120	
622-96-8	4-Ethyltoluene	26.5	28.4	107	80-119	
108-67-8	1,3,5-Trimethylbenzene	26.0	27.5	106	80-120	
95-63-6	1,2,4-Trimethylbenzene	26.0	27.6	106	80-122	
100-44-7	Benzyl Chloride	25.8	28.9	112	85-131	
541-73-1	1,3-Dichlorobenzene	25.5	27.0	106	81-117	
106-46-7	1,4-Dichlorobenzene	26.3	28.1	107	81-119	
95-50-1	1,2-Dichlorobenzene	25.8	27.0	105	81-122	
5989-27-5	d-Limonene	26.0	27.8	107	43-150	
96-12-8	1,2-Dibromo-3-chloropropane	25.8	29.3	114	91-136	
120-82-1	1,2,4-Trichlorobenzene	26.0	29.5	113	75-138	
91-20-3	Naphthalene	26.3	29.3	111	76-143	
87-68-3	Hexachlorobutadiene	26.3	29.1	111	72-128	

Verified By: RGDate: 3/1/08

COLUMBIA ANALYTICAL SERVICES, INC.

LABORATORY CONTROL SAMPLE SUMMARY

Page 1 of 3

Client: Walden Environmental Engineering, PLLC

Client Sample ID: Lab Control Sample

Client Project ID: Bayville Village Cleaners / BVC0106

CAS Project ID: P0800448

CAS Sample ID: P080229-LCS

Test Code: EPA TO-15

Date Collected: NA

Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8

Date Received: NA

Analyst: Simon Cao

Date Analyzed: 2/29/08

Sampling Media: 6.0 L Summa Canister

Volume(s) Analyzed: NA Liter(s)

Test Notes:

CAS #	Compound	Spike Amount ng	Result ng	% Recovery	CAS Acceptance Limits	Data Qualifier
15-07-1	Propene	26.3	27.1	103	62-124	
5-71-8	Dichlorodifluoromethane (CFC 12)	25.5	25.1	98	69-117	
4-87-3	Chloromethane	24.5	24.0	98	53-131	
6-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	26.0	24.4	94	58-133	
5-01-4	Vinyl Chloride	24.8	25.1	101	61-127	
06-99-0	1,3-Butadiene	30.0	31.0	103	67-127	
4-83-9	Bromomethane	25.0	27.8	111	67-124	
5-00-3	Chloroethane	25.0	26.8	107	69-123	
4-17-5	Ethanol	23.8	26.1	110	56-137	
5-05-8	Acetonitrile	25.3	24.3	96	62-133	
07-02-8	Acrolein	24.8	26.9	108	68-124	
7-64-1	Acetone	26.8	26.8	100	63-116	
5-69-4	Trichlorofluoromethane	26.3	26.2	100	71-120	
7-63-0	2-Propanol (Isopropyl Alcohol)	25.8	23.1	90	51-127	
07-13-1	Acrylonitrile	25.5	28.0	110	74-129	
5-35-4	1,1-Dichloroethene	27.8	29.0	104	77-116	
5-09-2	Methylene Chloride	27.8	26.6	96	71-113	
07-05-1	3-Chloro-1-propene (Allyl Chloride)	26.8	29.1	109	75-127	
5-13-1	Trichlorotrifluoroethane	27.8	29.2	105	63-129	
5-15-0	Carbon Disulfide	25.0	22.0	88	72-122	
6-60-5	trans-1,2-Dichloroethene	26.5	27.9	105	74-118	
5-34-3	1,1-Dichloroethane	26.8	27.1	101	74-118	
34-04-4	Methyl tert-Butyl Ether	26.8	27.0	101	72-119	
8-05-4	Vinyl Acetate	25.3	40.7	161	32-163	
5-93-3	2-Butanone (MEK)	27.0	29.3	109	71-122	

Verified By: Ru Date: 3/1/08

COLUMBIA ANALYTICAL SERVICES, INC.

LABORATORY CONTROL SAMPLE SUMMARY

Page 2 of 3

Client: **Walden Environmental Engineering, PLLC**Client Sample ID: **Lab Control Sample**

CAS Project ID: P0800448

Client Project ID: **Bayville Village Cleaners / BVC0106**

CAS Sample ID: P080229-LCS

Test Code: EPA TO-15

Date Collected: NA

Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8

Date Received: NA

Analyst: Simon Cao

Date Analyzed: 2/29/08

Sampling Media: 6.0 L Summa Canister

Volume(s) Analyzed: NA Liter(s)

Test Notes:

CAS #	Compound	Spike Amount ng	Result ng	% Recovery	CAS Acceptance Limits	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	27.0	27.6	102	74-117	
141-78-6	Ethyl Acetate	29.3	31.2	106	69-128	
110-54-3	n-Hexane	27.0	27.3	101	60-127	
67-66-3	Chloroform	29.8	30.5	102	72-113	
109-99-9	Tetrahydrofuran (THF)	26.8	28.2	105	72-129	
107-06-2	1,2-Dichloroethane	26.3	26.2	100	72-117	
71-55-6	1,1,1-Trichloroethane	26.8	27.7	103	78-114	
71-43-2	Benzene	27.0	26.7	99	73-111	
50-23-5	Carbon Tetrachloride	26.0	27.6	106	78-126	
110-82-7	Cyclohexane	26.8	25.6	96	74-116	
78-87-5	1,2-Dichloropropane	26.5	28.2	106	78-117	
75-27-4	Bromodichloromethane	27.8	29.5	106	77-120	
79-01-6	Trichloroethene	27.3	29.9	110	80-116	
123-91-1	1,4-Dioxane	27.5	29.9	109	79-122	
80-62-6	Methyl Methacrylate	25.8	27.7	107	79-128	
142-82-5	n-Heptane	26.8	27.6	103	77-117	
10061-01-5	cis-1,3-Dichloropropene	25.0	25.7	103	78-112	
108-10-1	4-Methyl-2-pentanone	27.5	26.5	96	78-128	
10061-02-6	trans-1,3-Dichloropropene	28.0	30.0	107	81-121	
79-00-5	1,1,2-Trichloroethane	26.3	27.9	106	80-117	
108-88-3	Toluene	26.5	26.6	100	76-116	
591-78-6	2-Hexanone	26.3	26.3	100	69-131	
124-48-1	Dibromochloromethane	27.0	29.8	110	80-128	
106-93-4	1,2-Dibromoethane	26.3	28.4	108	79-122	
123-86-4	n-Butyl Acetate	26.3	28.8	110	69-135	

Verified By: RicDate: 3/11/08

COLUMBIA ANALYTICAL SERVICES, INC.

LABORATORY CONTROL SAMPLE SUMMARY

Page 3 of 3

Client: Walden Environmental Engineering, PLLC

Client Sample ID: Lab Control Sample

Client Project ID: Bayville Village Cleaners / BVC0106

CAS Project ID: P0800448

CAS Sample ID: P080229-LCS

Test Code: EPA TO-15

Date Collected: NA

Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8

Date Received: NA

Analyst: Simon Cao

Date Analyzed: 2/29/08

Sampling Media: 6.0 L Summa Canister

Volume(s) Analyzed: NA Liter(s)

Test Notes:

CAS #	Compound	Spike Amount ng	Result ng	% Recovery	CAS Acceptance Limits	Data Qualifier
11-65-9	n-Octane	26.0	28.0	108	78-122	
27-18-4	Tetrachloroethene	26.0	27.8	107	77-118	
08-90-7	Chlorobenzene	26.5	27.4	103	78-117	
00-41-4	Ethylbenzene	26.3	26.5	101	79-116	
79601-23-1	m,p-Xylenes	62.5	63.3	101	80-117	
5-25-2	Bromoform	31.3	37.1	119	77-128	
00-42-5	Styrene	26.3	27.2	103	80-124	
5-47-6	o-Xylene	29.8	30.0	101	80-116	
11-84-2	n-Nonane	26.0	26.3	101	80-120	
9-34-5	1,1,2,2-Tetrachloroethane	29.8	31.6	106	79-120	
8-82-8	Cumene	27.0	27.9	103	81-119	
0-56-8	alpha-Pinene	26.3	27.7	105	76-123	
03-65-1	n-Propylbenzene	26.3	27.3	104	82-120	
02-96-8	4-Ethyltoluene	26.5	27.2	103	80-119	
08-67-8	1,3,5-Trimethylbenzene	26.0	26.6	102	80-120	
5-63-6	1,2,4-Trimethylbenzene	26.0	27.0	104	80-122	
00-44-7	Benzyl Chloride	25.8	28.3	110	85-131	
01-73-1	1,3-Dichlorobenzene	25.5	26.5	104	81-117	
06-46-7	1,4-Dichlorobenzene	26.3	27.4	104	81-119	
0-50-1	1,2-Dichlorobenzene	25.8	26.5	103	81-122	
89-27-5	d-Limonene	26.0	27.0	104	43-150	
0-12-8	1,2-Dibromo-3-chloropropane	25.8	28.2	109	91-136	
0-82-1	1,2,4-Trichlorobenzene	26.0	28.7	110	75-138	
-20-3	Naphthalene	26.3	28.4	108	76-143	
-68-3	Hexachlorobutadiene	26.3	28.6	109	72-128	

Verified By: RG Date: 3/11/08

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Page 1 of 1

Client: Walden Environmental Engineering, PLLC
Client Project ID: Bayville Village Cleaners / BVC0106

CAS Project ID: P0800448

Method Blank Summary

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Simon Cao
Sampling Media: 6.0 L Summa Canister(s)
Test Notes:

Lab File ID: 02280802.D
Date Analyzed: 2/28/08
Time Analyzed: 11:09

Client Sample ID	CAS Sample ID	Lab File ID	Time Analyzed
Lab Control Sample	P080228-LCS	02280803.D	11:46
I-1	P0800448-001	02280806.D	14:56
SS-1 (Dilution)	P0800448-003	02280808.D	16:15
SV-1 (Dilution)	P0800448-004	02280810.D	17:29
SV-2 (Dilution)	P0800448-005	02280811.D	18:06
SV-3 (Dilution)	P0800448-006	02280812.D	18:43
SV-5 (Dilution)	P0800448-008	02280813.D	19:21
O-1	P0800448-002	02280814.D	20:03

Verified By: 125 Date: 3/1/08

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Page 1 of 1

Client: Walden Environmental Engineering, PLLC
Client Project ID: Bayville Village Cleaners / BVC0106

CAS Project ID: P0800448

Method Blank Summary

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Simon Cao
Sampling Media: 6.0 L Summa Canister(s)
Test Notes:

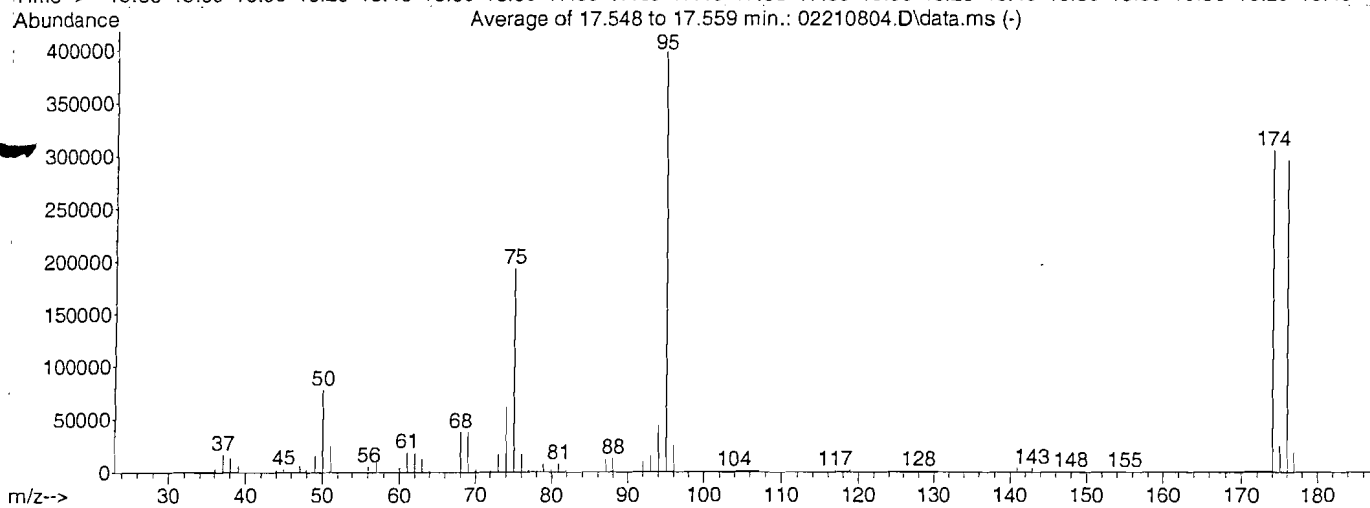
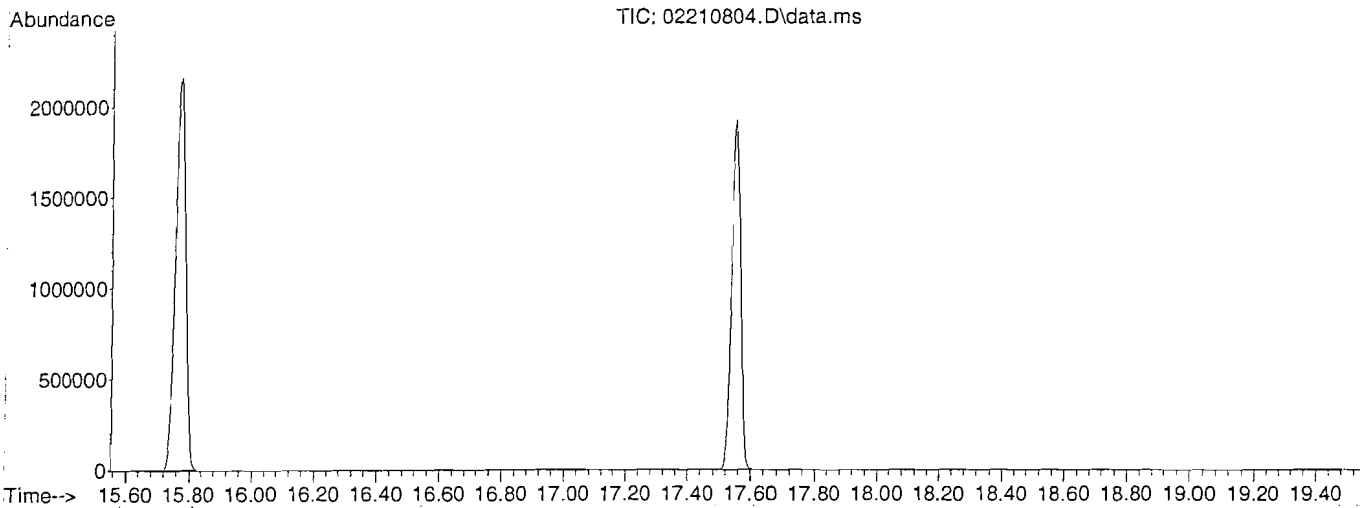
Lab File ID: 02290802.D
Date Analyzed: 2/29/08
Time Analyzed: 11:18

Client Sample ID	CAS Sample ID	Lab File ID	Time Analyzed
Lab Control Sample	P080229-LCS	02290805.D	13:59
SS-1	P0800448-003	02290809.D	16:49
SV-1	P0800448-004	02290810.D	17:25
SV-2	P0800448-005	02290811.D	18:02
SV-3	P0800448-006	02290812.D	18:39
SV-4	P0800448-007	02290813.D	19:16
SV-5	P0800448-008	02290814.D	19:53

Data Path : J:\MS08\Data\2008_02\21\
 Data File : 02210804.D
 Acq On : 21 Feb 2008 13:25
 Operator : SC
 Sample : 25ng BFB STD
 Misc : S20-01280801
 S Vial : 1 Sample Multiplier: 1

Integration File: RTEINT.P

Method : J:\MS08\Methods\R8022108.M
 Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 Last Update : Wed Jan 09 10:28:23 2008



AutoFind: Scans 2491, 2492, 2493; Background Corrected with Scan 2481

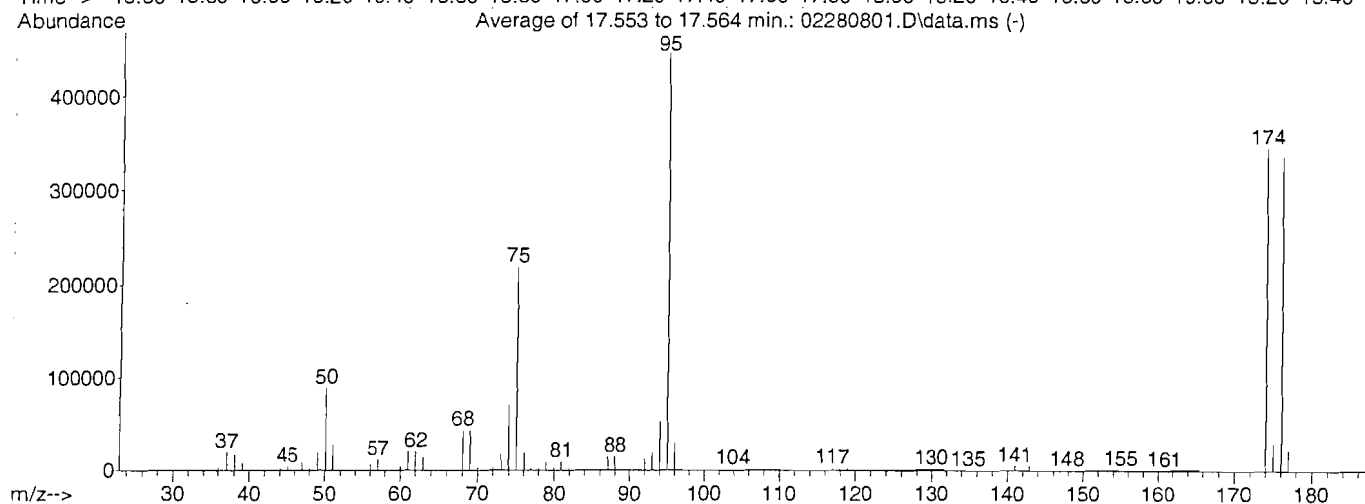
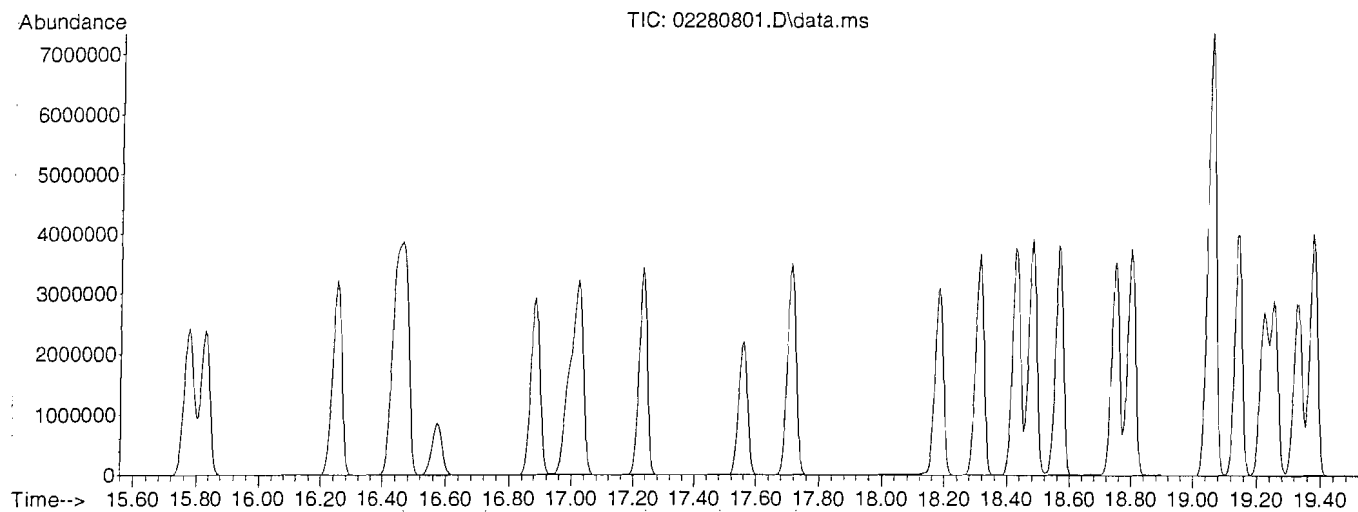
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	40	19.6	77912	PASS
75	95	30	66	48.5	193216	PASS
95	95	100	100	100.0	398336	PASS
96	95	5	9	6.4	25368	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	120	76.4	304384	PASS
175	174	4	9	8.3	25240	PASS
176	174	93	101	96.9	294933	PASS
177	176	5	9	6.4	18816	PASS

Handwritten signature 2/22/08

Data Path : J:\MS08\Data\2008_02\28\
 Data File : 02280801.D
 Acq On : 28 Feb 2008 10:27
 Operator : SC
 Sample : 25ng TO-15 CCV STD
 Misc : S20-01280801/S20-01290804
 ALS Vial : 4 Sample Multiplier: 1

Integration File: RTEINT.P

Method : J:\MS08\Methods\R8022108.M
 Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 Last Update : Fri Feb 22 09:32:02 2008



AutoFind: Scans 2492, 2493, 2494; Background Corrected with Scan 2481

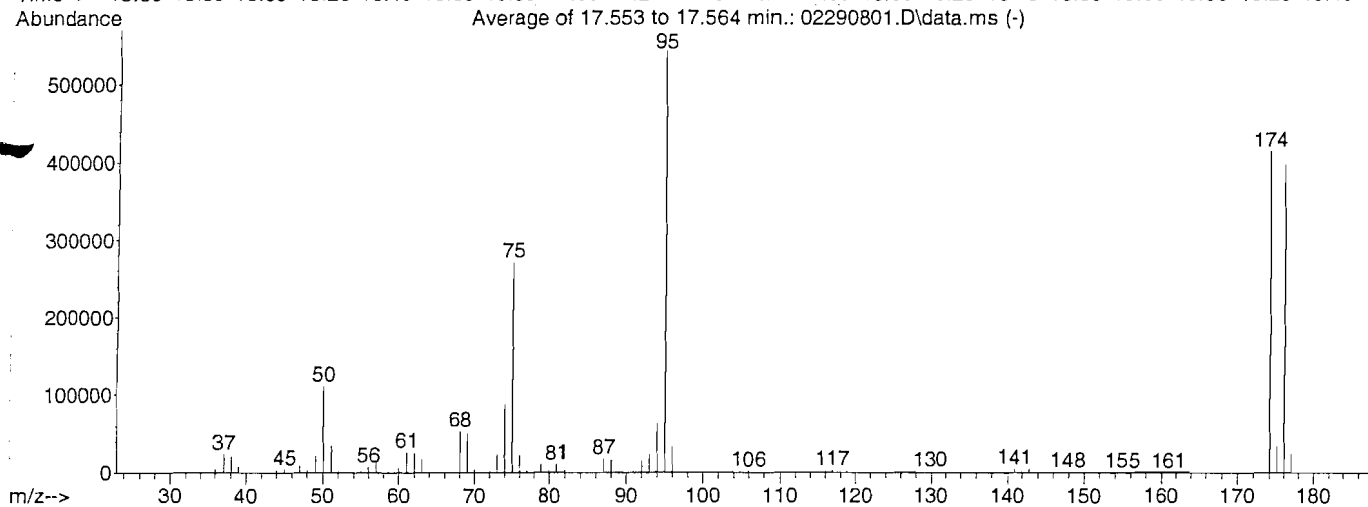
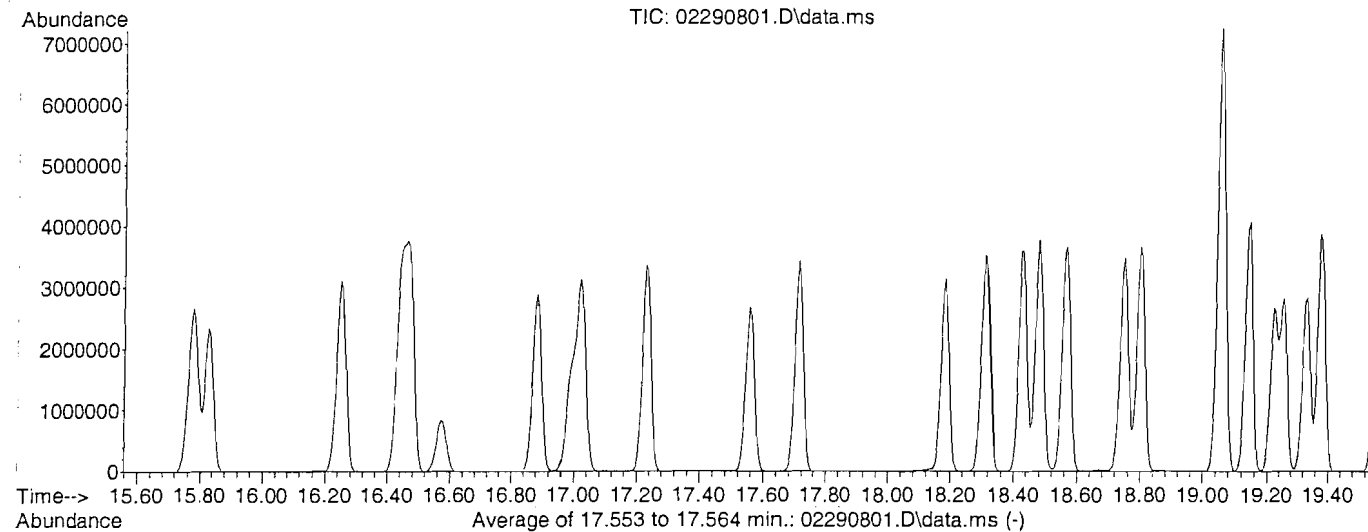
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	40	19.9	88701	PASS
75	95	30	66	48.9	218389	PASS
95	95	100	100	100.0	446528	PASS
96	95	5	9	6.5	29112	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	120	77.4	345792	PASS
175	174	4	9	8.5	29373	PASS
176	174	93	101	97.3	336469	PASS
177	176	5	9	6.5	21853	PASS

Handwritten signature/initials

Data Path : J:\MS08\Data\2008_02\29\
 Data File : 02290801.D
 Acq On : 29 Feb 2008 10:09
 Operator : SC
 Sample : 25ng TO-15 CCV STD
 Misc : S20-02290801/S20-01290804
 3 Vial : 4 Sample Multiplier: 1

Integration File: RTEINT.P

Method : J:\MS08\Methods\R8022108.M
 Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 Last Update : Fri Feb 22 09:32:02 2008



AutoFind: Scans 2492, 2493, 2494; Background Corrected with Scan 2481

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	40	20.4	111075	PASS
75	95	30	66	49.9	271061	PASS
95	95	100	100	100.0	543275	PASS
96	95	5	9	6.2	33528	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	120	76.2	414101	PASS
175	174	4	9	8.3	34251	PASS
176	174	93	101	96.0	397717	PASS
177	176	5	9	6.4	25504	PASS

2/29/08

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Page 1 of 1

Client: **Walden Environmental Engineering, PLLC**
 Client Project ID: **Bayville Village Cleaners / BVC0106**

CAS Project ID: P0800448

Internal Standard Area and RT Summary

Test Code: EPA TO-15
 Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
 Analyst: Simon Cao
 Sampling Media: 6.0 L Summa Canister(s)
 Test Notes:

Lab File ID: 02280801.D
 Date Analyzed: 2/28/2008
 Time Analyzed: 10:27

	IS1 (BCM)		IS2 (DFB)		IS3 (CBZ)	
	AREA	#	RT	#	AREA	#
24 Hour Standard	368107		9.02		1760574	10.95
Upper Limit	515350		9.35		2464804	11.28
Lower Limit	220864		8.69		1056344	10.62

Client Sample ID		IS1 (BCM)		IS2 (DFB)		IS3 (CBZ)	
		AREA	#	RT	#	AREA	#
01	Method Blank	359638		8.99		1759722	10.94
02	Lab Control Sample	361076		9.02		1730384	10.95
03	I-1	363984		9.00		1759452	10.94
04	SS-1 (Dilution)	375395		8.99		1791231	10.94
05	SV-1 (Dilution)	352594		9.00		1682063	10.94
06	SV-2 (Dilution)	347807		8.99		1666322	10.94
07	SV-3 (Dilution)	346611		9.00		1645388	10.94
08	SV-5 (Dilution)	343015		8.99		1635759	10.94
09	O-1	321257		9.00		1568181	10.94
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

IS1 (BCM) = Bromochloromethane

IS2 (DFB) = 1,4-Difluorobenzene

IS3 (CBZ) = Chlorobenzene-d5

AREA UPPER LIMIT = 140% of internal standard area

AREA LOWER LIMIT = 60% of internal standard area

RT UPPER LIMIT = 0.33 minutes of internal standard RT

RT LOWER LIMIT = 0.33 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

Verified By: Re Date: 3/1/08

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Page 1 of 1

Client: Walden Environmental Engineering, PLLC
Client Project ID: Bayville Village Cleaners / BVC0106

CAS Project ID: P0800448

Internal Standard Area and RT Summary

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Simon Cao
Sampling Media: 6.0 L Summa Canister(s)
Test Notes:

Lab File ID: 02290801.D
Date Analyzed: 2/29/2008
Time Analyzed: 10:09

	IS1 (BCM)				IS2 (DFB)				IS3 (CBZ)			
	AREA	#	RT	#	AREA	#	RT	#	AREA	#	RT	#
24 Hour Standard	375705		9.03		1779751		10.95		1096255		15.78	
Upper Limit	525987		9.36		2491651		11.28		1534757		16.11	
Lower Limit	225423		8.70		1067851		10.62		657753		15.45	

Client Sample ID		IS1 (BCM)				IS2 (DFB)				IS3 (CBZ)			
		AREA	#	RT	#	AREA	#	RT	#	AREA	#	RT	#
01	Method Blank	315193		8.99		1524651		10.93		860773		15.76	
02	Lab Control Sample	309539		9.02		1489835		10.95		846757		15.78	
03	SS-1	312661		8.99		1495349		10.94		846986		15.77	
04	SV-1	306737		9.00		1464082		10.94		861582		15.77	
05	SV-2	307114		9.00		1477077		10.94		872072		15.77	
06	SV-3	308202		9.01		1478612		10.94		878941		15.77	
07	SV-4	307033		9.00		1495457		10.94		850297		15.77	
08	SV-5	301685		9.01		1476263		10.94		857476		15.77	
09													
10													
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													

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RT LOWER LIMIT = 0.33 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

Verified By: R. Date: 3/1/08

COLUMBIA ANALYTICAL SERVICES
MDLs for TO-15 (SCAN)

COMPOUND	10/01/07	09/29/07	09/10/07	09/17/07	10/02/07	08/30/07						
	MS2	MS3	MS8	MS9	MS13	MS16	MAX			MW	FINAL	
	MDL _R	MDL _R	MDL _R	MDL _R	MDL _R	MDL _R	MDL _R	µg/m³	ppbV		MDL _R µg/m³	MDL _R ppbV
propene	0.050	0.100	0.100	0.050	0.100	0.100	0.100	0.10	0.05813	42.08	0.10	0.058
trichlorodifluoromethane	0.050	0.100	0.100	0.050	0.100	0.100	0.100	0.10	0.02023	120.90	0.10	0.020
chloromethane	0.095	0.100	0.100	0.050	0.100	0.100	0.100	0.10	0.04845	50.49	0.10	0.048
hexon 114	0.100	0.120	0.100	0.050	0.100	0.100	0.100	0.12	0.01717	170.90	0.12	0.017
vinyl Chloride	0.140	0.130	0.100	0.050	0.100	0.100	0.140	0.14	0.05479	62.50	0.14	0.055
3-Butadiene	0.100	0.100	0.100	0.050	0.100	0.100	0.100	0.10	0.04522	54.09	0.10	0.045
monomethane	0.050	0.100	0.100	0.050	0.100	0.100	0.100	0.10	0.02576	94.94	0.10	0.026
chloroethane	0.100	0.100	0.100	0.050	0.100	0.100	0.100	0.10	0.03791	64.52	0.10	0.038
ethanol	0.100	0.250	0.100	0.250	0.250	0.260	0.260	0.26	0.13804	46.07	0.26	0.14
acetonitrile	0.100	0.100	0.100	0.050	0.100	0.100	0.100	0.10	0.05959	41.05	0.10	0.060
prolein	0.110	0.100	0.110	0.100	0.100	0.100	0.110	0.11	0.04800	56.06	0.11	0.048
acetone	0.050	0.100	0.100	0.073	0.100	0.100	0.100	0.10	0.04211	58.08	0.10	0.042
trichlorofluoromethane	0.050	0.100	0.100	0.050	0.100	0.100	0.100	0.10	0.01780	137.40	0.10	0.018
isopropanol	0.250	0.250	0.100	0.100	0.100	0.100	0.250	0.25	0.10175	60.10	0.25	0.10
acrylonitrile	0.100	0.110	0.100	0.100	0.100	0.100	0.110	0.11	0.05071	53.06	0.11	0.051
1-Dichloroethene	0.050	0.110	0.100	0.050	0.100	0.100	0.110	0.11	0.02776	96.94	0.11	0.028
tert-Butanol	0.100	0.250	0.250	0.250	0.100	0.100	0.250	0.25	0.08250	74.12	0.25	0.083
ethylene Chloride	0.050	0.100	0.100	0.050	0.100	0.100	0.100	0.10	0.02880	84.94	0.10	0.029
vinyl Chloride	0.100	0.100	0.100	0.050	0.100	0.100	0.100	0.10	0.03196	76.53	0.10	0.032
trichlorotrifluoroethane	0.051	0.100	0.110	0.056	0.100	0.100	0.110	0.11	0.01436	187.38	0.11	0.014
carbon Disulfide	0.050	0.100	0.100	0.050	0.100	0.100	0.100	0.10	0.03213	76.14	0.10	0.032
trans-1,2-Dichloroethene	0.050	0.100	0.100	0.050	0.100	0.100	0.100	0.10	0.02523	96.94	0.10	0.025
1-Dichloroethane	0.050	0.100	0.100	0.050	0.100	0.100	0.100	0.10	0.02472	98.96	0.10	0.025
ethyl tert-Butyl Ether	0.050	0.100	0.100	0.050	0.100	0.100	0.100	0.10	0.02775	88.15	0.10	0.028
vinyl Acetate	0.250	0.150	0.250	0.250	0.250	0.160	0.250	0.25	0.07103	86.09	0.25	0.071
Butanone	0.100	0.110	0.100	0.050	0.100	0.100	0.110	0.11	0.03731	72.11	0.11	0.037
trans-1,2-Dichloroethene	0.050	0.100	0.100	0.050	0.100	0.100	0.100	0.10	0.02523	96.94	0.10	0.025
isopropyl Ether	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.10	0.02394	102.18	0.10	0.024
vinyl Acetate	0.100	0.100	0.100	0.100	0.100	0.130	0.130	0.13	0.03609	88.11	0.13	0.036
hexane	0.100	0.100	0.100	0.050	0.100	0.100	0.100	0.10	0.02839	86.17	0.10	0.028
chloroform	0.052	0.110	0.100	0.059	0.100	0.100	0.110	0.11	0.02253	119.40	0.11	0.023
trahydrofuran	0.088	0.130	0.100	0.053	0.100	0.100	0.130	0.13	0.04410	72.11	0.13	0.044
vinyl tert-Butyl Ether	0.050	0.100	0.100	0.051	0.100	0.100	0.100	0.10	0.02394	102.18	0.10	0.024
trans-Dichloroethane	0.100	0.100	0.100	0.050	0.100	0.100	0.100	0.10	0.02472	98.96	0.10	0.025
trans-1,1-Trichloroethane	0.050	0.100	0.100	0.050	0.100	0.100	0.100	0.10	0.01834	133.40	0.10	0.018
propyl Acetate	0.100	0.120	0.100	0.100	0.100	0.100	0.120	0.12	0.02874	102.13	0.12	0.029
butanol	0.100	0.100	0.250	0.100	0.100	NA	0.250	0.25	0.08250	74.12	0.25	0.082
benzene	0.061	0.100	0.100	0.050	0.100	0.100	0.100	0.10	0.03131	78.11	0.10	0.031
carbon Tetrachloride	0.100	0.100	0.100	0.050	0.100	0.100	0.100	0.10	0.01590	153.80	0.10	0.016
cyclohexane	0.250	0.100	0.100	0.050	0.100	0.100	0.250	0.25	0.07266	84.16	0.25	0.073
trans-Amyl Methyl Ether	0.100	0.100	0.100	0.050	0.100	0.100	0.100	0.10	0.02394	102.18	0.10	0.024
trans-Dichloropropane	0.050	0.100	0.100	0.050	0.100	0.100	0.100	0.10	0.02165	113.00	0.10	0.022
monodichloromethane	0.100	0.100	0.100	0.050	0.100	0.100	0.100	0.10	0.01493	163.80	0.10	0.015
chloroethene	0.050	0.100	0.100	0.050	0.100	0.100	0.100	0.10	0.01861	131.40	0.10	0.019
trans-Dioxane	0.100	0.110	0.100	0.100	0.100	0.100	0.110	0.11	0.03054	88.11	0.11	0.031
octane	0.050	0.100	0.100	0.050	0.100	0.100	0.100	0.10	0.02141	114.23	0.10	0.021
ethyl Methacrylate	0.100	0.100	0.100	0.250	0.100	0.100	0.250	0.25	0.06108	100.12	0.25	0.061
heptane	0.050	0.100	0.100	0.064	0.100	0.100	0.100	0.10	0.02441	100.20	0.10	0.024
trans-1,3-Dichloropropene	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.10	0.02204	111.00	0.10	0.022
ethyl-2-pentanone	0.100	0.100	0.100	0.056	0.100	0.100	0.100	0.10	0.02441	100.20	0.10	0.024
trans-1,3-Dichloropropene	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.10	0.02204	111.00	0.10	0.022
trans-2-Trichloroethane	0.100	0.100	0.100	0.050	0.100	0.100	0.100	0.10	0.01834	133.40	0.10	0.018
benzene	0.050	0.100	0.100	0.050	0.100	0.100	0.100	0.10	0.02655	92.14	0.10	0.027
hexanone	0.050	0.100	0.100	0.076	0.100	0.100	0.100	0.10	0.02442	100.16	0.10	0.024
monochloromethane	0.050	0.100	0.100	0.068	0.100	0.100	0.100	0.10	0.01174	208.30	0.10	0.012
Dibromoethane	0.050	0.100	0.100	0.054	0.100	0.100	0.100	0.10	0.01302	187.90	0.10	0.013
vinyl Acetate	0.050	0.100	0.100	0.065	0.100	0.100	0.100	0.10	0.02106	116.16	0.10	0.021
octane	0.100	0.100	0.100	0.050	0.100	0.100	0.100	0.10	0.02141	114.23	0.10	0.021
trichloroethene	0.050	0.100	0.100	0.050	0.100	0.100	0.100	0.10	0.01475	165.80	0.10	0.015
probenzene	0.050	0.100	0.100	0.051	0.100	0.100	0.100	0.10	0.02172	112.60	0.10	0.022
toluene	0.050	0.100	0.100	0.062	0.100	0.100	0.100	0.10	0.02303	106.20	0.10	0.023
trans-p-Xylene	0.100	0.100	0.120	0.130	0.100	0.100	0.130	0.13	0.02994	106.20	0.13	0.030
monoform	0.100	0.110	0.100	0.100	0.100	0.100	0.110	0.11	0.01064	252.80	0.11	0.011
ene	0.050	0.100	0.100	0.076	0.100	0.100	0.100	0.10	0.02350	104.10	0.10	0.023
ylene	0.050	0.100	0.100	0.063	0.100	0.100	0.100	0.10	0.02303	106.20	0.10	0.023
nanane	0.050	0.100	0.100	0.050	0.100	0.100	0.100	0.10	0.01907	128.26	0.10	0.019
2,2-Tetrachloroethane	0.050	0.100	0.100	0.064	0.100	0.100	0.100	0.10	0.01457	167.90	0.10	0.015
ylene	0.050	0.100	0.100	0.056	0.100	0.100	0.100	0.10	0.02035	120.20	0.10	0.020
a-Pinene	0.100	0.100	0.100	0.077	0.100	0.100	0.100	0.10	0.01795	136.24	0.10	0.018
propylbenzene	0.050	0.100	0.100	0.052	0.100	0.100	0.100	0.10	0.02035	120.19	0.10	0.020
ethyltoluene	0.066	0.100	0.100	0.057	0.100	0.100	0.100	0.10	0.02035	120.20	0.10	0.020
ethyltoluene	0.050	0.100	0.100	0.057	0.100	0.100	0.100	0.10	0.02035	120.20	0.10	0.020
trans-Trimethylbenzene	0.050	0.100	0.100	0.060	0.100	0.100	0.100	0.10	0.02035	120.20	0.10	0.020
a-Methylstyrene	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.10	0.02070	118.19	0.10	0.021
ethyltoluene	0.050	0.100	0.100	0.053	0.100	0.100	0.100	0.10	0.02035	120.20	0.10	0.020

COLUMBIA ANALYTICAL SERVICES
MDLs for TO-15 (SCAN)

COMPOUND	10/01/07	09/29/07	09/10/07	09/17/07	10/02/07	08/30/07					FINAL	
	MS2	MS3	MS8	MS9	MS13	MS16	MAX			MW	MDL _R	MDL _R
COMPOUND	MDL _R	MDL _R	MDL _R	MDL _R	MDL _R	MDL _R	MDL _R	µg/m³	ppbV		µg/m³	ppbV
1,1,1-Trimethylbenzene	0.050	0.100	0.100	0.069	0.100	0.100	0.100	0.10	0.02035	120.20	0.10	0.020
1,1-Dichloroethane	0.050	0.100	0.100	0.064	0.100	0.100	0.100	0.10	0.01719	142.28	0.10	0.017
Benzyl Chloride	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.10	0.01932	126.59	0.10	0.019
1,3-Dichlorobenzene	0.050	0.100	0.100	0.062	0.100	0.100	0.100	0.10	0.01664	147.00	0.10	0.017
1,4-Dichlorobenzene	0.050	0.100	0.100	0.056	0.100	0.100	0.100	0.10	0.01664	147.00	0.10	0.017
sec-Butylbenzene	0.050	0.100	0.100	0.058	0.100	0.100	0.100	0.10	0.01822	134.22	0.10	0.018
p-Isopropyltoluene	0.050	0.100	0.100	0.065	0.100	0.100	0.100	0.10	0.01822	134.22	0.10	0.018
1,2,3-Trimethylbenzene	0.050	0.100	0.100	0.064	0.100	0.100	0.100	0.10	0.02035	120.19	0.10	0.020
1,2-Dichlorobenzene	0.050	0.100	0.100	0.066	0.100	0.100	0.100	0.10	0.01664	147.00	0.10	0.017
d-Limonene	0.100	0.100	0.100	0.080	0.100	0.100	0.100	0.10	0.01795	136.24	0.10	0.018
1,2-Dibromo-3-Chloropropane	0.100	0.100	0.100	0.076	0.100	0.100	0.100	0.10	0.01035	236.33	0.10	0.010
n-Undecane	0.100	0.100	0.100	0.090	0.100	0.100	0.100	0.10	0.01565	156.31	0.10	0.016
1,2,4-Trichlorobenzene	0.100	0.100	0.100	0.076	0.100	0.100	0.100	0.10	0.01348	181.50	0.10	0.013
Naphthalene	0.100	0.100	0.100	0.074	0.100	0.100	0.100	0.10	0.01908	128.17	0.10	0.019
n-Dodecane	0.100	0.100	0.100	0.088	0.100	0.100	0.100	0.10	0.01436	170.34	0.10	0.014
Hexachloro-1,3-butadiene	0.050	0.100	0.100	0.090	0.100	0.100	0.100	0.10	0.00938	260.80	0.10	0.0094

Sample Data

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Page 1 of 3

Client: **Walden Environmental Engineering, PLLC**Client Sample ID: **I-1**Client Project ID: **Bayville Village Cleaners / BVC0106**CAS Project ID: **P0800448**CAS Sample ID: **P0800448-001**Test Code: **EPA TO-15**Instrument ID: **Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8**Analyst: **Simon Cao**Sampling Media: **6.0 L Summa Canister**

Test Notes:

Container ID: **AC01337**Date Collected: **2/22/08**Date Received: **2/26/08**Date Analyzed: **2/28/08**Volume(s) Analyzed: **0.40 Liter(s)**Initial Pressure (psig): **0.1** Final Pressure (psig): **3.5**Canister Dilution Factor: **1.23**

CAS #	Compound	Result $\mu\text{g}/\text{m}^3$	MRL $\mu\text{g}/\text{m}^3$	Result ppbV	MRL ppbV	Data Qualifier
115-07-1	Propene	ND	1.5	ND	0.89	
75-71-8	Dichlorodifluoromethane (CFC 12)	ND	1.5	ND	0.31	
74-87-3	Chloromethane	4.3	1.5	2.1	0.74	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	ND	1.5	ND	0.22	
75-01-4	Vinyl Chloride	ND	1.5	ND	0.60	
106-99-0	1,3-Butadiene	ND	1.5	ND	0.70	
3-9	Bromomethane	ND	1.5	ND	0.40	
75-00-3	Chloroethane	ND	1.5	ND	0.58	
64-17-5	Ethanol	30	15	16	8.2	
75-05-8	Acetonitrile	ND	1.5	ND	0.92	
107-02-8	Acrolein	ND	1.5	ND	0.67	
67-64-1	Acetone	41	15	17	6.5	
75-69-4	Trichlorofluoromethane	ND	1.5	ND	0.27	
67-63-0	2-Propanol (Isopropyl Alcohol)	2.4	1.5	0.99	0.63	
107-13-1	Acrylonitrile	ND	1.5	ND	0.71	
75-35-4	1,1-Dichloroethene	ND	1.5	ND	0.39	
75-09-2	Methylene Chloride	ND	1.5	ND	0.44	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	ND	1.5	ND	0.49	
76-13-1	Trichlorotrifluoroethane	ND	1.5	ND	0.20	
75-15-0	Carbon Disulfide	ND	1.5	ND	0.49	
156-60-5	trans-1,2-Dichloroethene	ND	1.5	ND	0.39	
75-34-3	1,1-Dichloroethane	ND	1.5	ND	0.38	
1634-04-4	Methyl tert-Butyl Ether	ND	1.5	ND	0.43	
108-05-4	Vinyl Acetate	ND	15	ND	4.4	
78-93-3	2-Butanone (MEK)	ND	1.5	ND	0.52	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: ReDate: 3/11/08

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Page 2 of 3

Client: Walden Environmental Engineering, PLLC

Client Sample ID: I-1

Client Project ID: Bayville Village Cleaners / BVC0106

CAS Project ID: P0800448

CAS Sample ID: P0800448-001

Test Code: EPA TO-15

Date Collected: 2/22/08

Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8

Date Received: 2/26/08

Analyst: Simon Cao

Date Analyzed: 2/28/08

Sampling Media: 6.0 L Summa Canister

Volume(s) Analyzed: 0.40 Liter(s)

Test Notes:

Container ID: AC01337

Initial Pressure (psig): 0.1 Final Pressure (psig): 3.5

Canister Dilution Factor: 1.23

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	ND	1.5	ND	0.39	
141-78-6	Ethyl Acetate	2.1	1.5	0.59	0.43	
110-54-3	n-Hexane	ND	1.5	ND	0.44	
67-66-3	Chloroform	ND	1.5	ND	0.31	
109-99-9	Tetrahydrofuran (THF)	ND	1.5	ND	0.52	
107-06-2	1,2-Dichloroethane	ND	1.5	ND	0.38	
71-55-6	1,1,1-Trichloroethane	ND	1.5	ND	0.28	
71-43-2	Benzene	ND	1.5	ND	0.48	
56-23-5	Carbon Tetrachloride	ND	1.5	ND	0.24	
110-82-7	Cyclohexane	ND	1.5	ND	0.45	
78-87-5	1,2-Dichloropropane	ND	1.5	ND	0.33	
75-27-4	Bromodichloromethane	ND	1.5	ND	0.23	
79-01-6	Trichloroethene	98	1.5	18	0.29	
123-91-1	1,4-Dioxane	1.6	1.5	0.45	0.43	
30-62-6	Methyl Methacrylate	ND	1.5	ND	0.38	
142-82-5	n-Heptane	ND	1.5	ND	0.38	
0061-01-5	cis-1,3-Dichloropropene	ND	1.5	ND	0.34	
08-10-1	4-Methyl-2-pentanone	ND	1.5	ND	0.38	
0061-02-6	trans-1,3-Dichloropropene	ND	1.5	ND	0.34	
9-00-5	1,1,2-Trichloroethane	ND	1.5	ND	0.28	
08-88-3	Toluene	3.7	1.5	0.97	0.41	
91-78-6	2-Hexanone	ND	1.5	ND	0.38	
24-48-1	Dibromochloromethane	ND	1.5	ND	0.18	
06-93-4	1,2-Dibromoethane	ND	1.5	ND	0.20	
23-86-4	n-Butyl Acetate	ND	1.5	ND	0.32	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

RL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: Ru Date: 3/11/08

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Page 3 of 3

Client: **Walden Environmental Engineering, PLLC**
 Client Sample ID: **I-1**
 Client Project ID: **Bayville Village Cleaners / BVC0106**

CAS Project ID: P0800448
 CAS Sample ID: P0800448-001

Test Code: EPA TO-15
 Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
 Analyst: Simon Cao
 Sampling Media: 6.0 L Summa Canister
 Test Notes:
 Container ID: AC01337

Date Collected: 2/22/08
 Date Received: 2/26/08
 Date Analyzed: 2/28/08
 Volume(s) Analyzed: 0.40 Liter(s)

Initial Pressure (psig): 0.1 Final Pressure (psig): 3.5

Canister Dilution Factor: 1.23

CAS #	Compound	Result µg/m ³	MRL µg/m ³	Result ppbV	MRL ppbV	Data Qualifier
111-65-9	n-Octane	ND	1.5	ND	0.33	
127-18-4	Tetrachloroethene	17	1.5	2.5	0.23	
108-90-7	Chlorobenzene	ND	1.5	ND	0.33	
100-41-4	Ethylbenzene	3.7	1.5	0.85	0.35	
179601-23-1	m,p-Xylenes	13	3.1	3.1	0.71	
75-25-2	Bromoform	ND	1.5	ND	0.15	
100-42-5	Styrene	ND	1.5	ND	0.36	
100-77-6	o-Xylene	3.4	1.5	0.78	0.35	
111-84-2	n-Nonane	ND	1.5	ND	0.29	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.5	ND	0.22	
98-82-8	Cumene	ND	1.5	ND	0.31	
80-56-8	alpha-Pinene	ND	1.5	ND	0.28	
103-65-1	n-Propylbenzene	ND	1.5	ND	0.31	
622-96-8	4-Ethyltoluene	ND	1.5	ND	0.31	
108-67-8	1,3,5-Trimethylbenzene	ND	1.5	ND	0.31	
95-63-6	1,2,4-Trimethylbenzene	3.1	1.5	0.62	0.31	
100-44-7	Benzyl Chloride	ND	1.5	ND	0.30	
541-73-1	1,3-Dichlorobenzene	ND	1.5	ND	0.26	
106-46-7	1,4-Dichlorobenzene	5.9	1.5	0.98	0.26	
95-50-1	1,2-Dichlorobenzene	ND	1.5	ND	0.26	
5989-27-5	d-Limonene	100	1.5	18	0.28	
96-12-8	1,2-Dibromo-3-chloropropane	ND	1.5	ND	0.16	
120-82-1	1,2,4-Trichlorobenzene	ND	1.5	ND	0.21	
91-20-3	Naphthalene	ND	1.5	ND	0.29	
87-68-3	Hexachlorobutadiene	ND	1.5	ND	0.14	

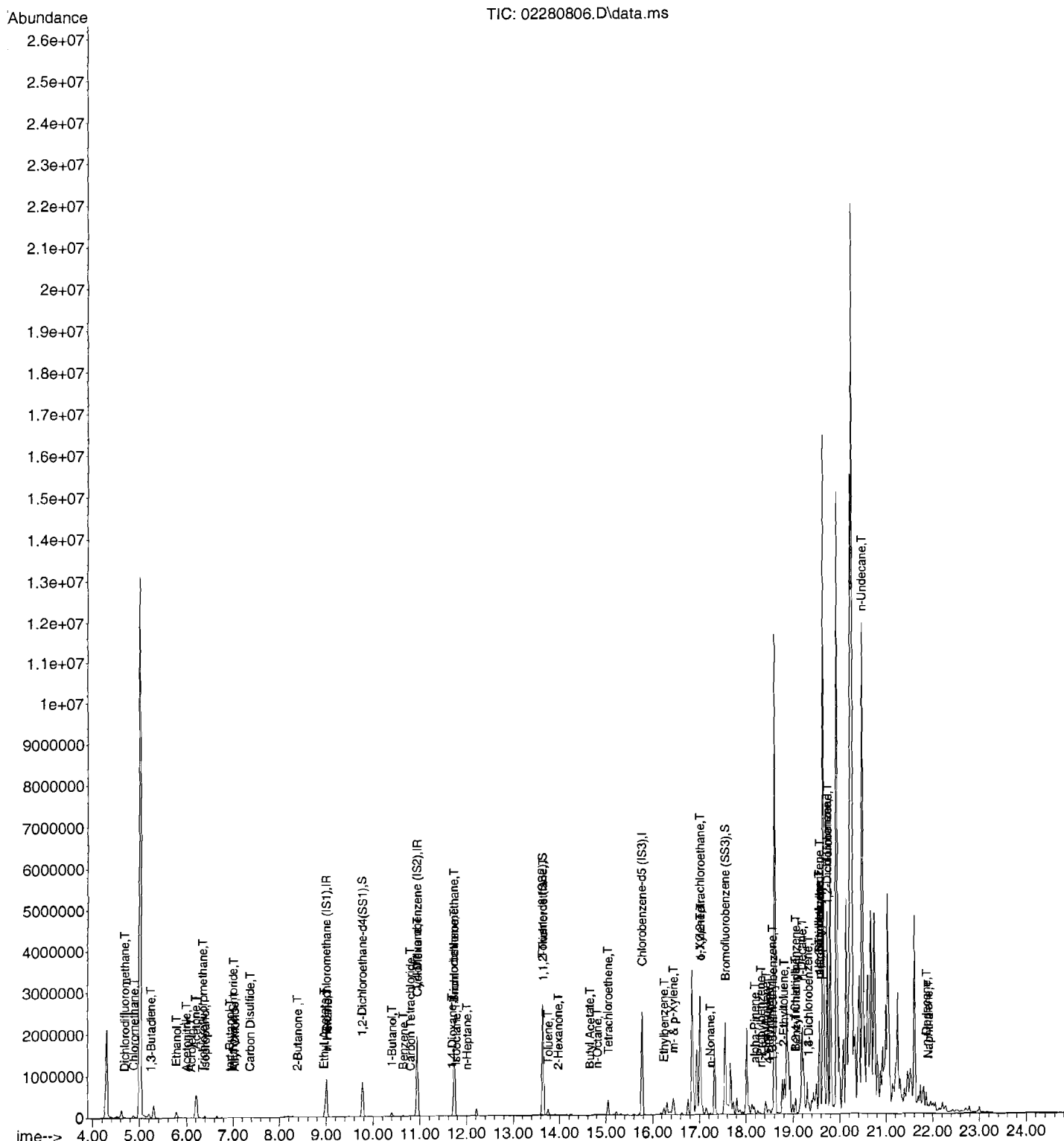
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Verified By: R. C. Date: 3/11/08

Data Path : J:\MS08\Data\2008_02\28\
Data File : 02280806.D
Acq On : 28 Feb 2008 14:56
Operator : SC
Sample : P0800448-001 (400ml)
Misc : Walden I-1 (0.1,3.5)
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 07 12:08:27 2008
Quant Method : J:\MS08\Methods\R8022108.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Fri Feb 22 09:32:02 2008
Response via : Initial Calibration



Data Path : J:\MS08\Data\2008_02\28\
 Data File : 02280806.D
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 QLast Update : Fri Feb 22 09:32:02 2008
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane (IS1)	9.00	130	363984	25.000	ng	0.00
37) 1,4-Difluorobenzene (IS2)	10.94	114	1759452	25.000	ng	0.00
56) Chlorobenzene-d5 (IS3)	15.77	82	989727	25.000	ng	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4(...)	9.77	65	790567	23.535	ng	0.00
Spiked Amount	25.000		Recovery	=	94.16%	
57) Toluene-d8 (SS2)	13.64	98	2052702	25.089	ng	0.00
Spiked Amount	25.000		Recovery	=	100.36%	
73) Bromofluorobenzene (SS3)	17.56	174	718191	25.088	ng	0.00
Spiked Amount	25.000		Recovery	=	100.36%	

Target Compounds						Qvalue
2) Propene	0.00	42	0	N.D.		
3) Dichlorodifluoromethane	4.68	85	20056	0.390 ng		93
4) Chloromethane	4.87	50	78097	1.397 ng		96
5) Freon 114	0.00	135	0	N.D.		
6) Vinyl Chloride	0.00	62	0	N.D.		
7) 1,3-Butadiene	5.24	54	2239	0.057 ng	#	4
8) Bromomethane	0.00	94	0	N.D.		
9) Chloroethane	0.00	64	0	N.D.		
10) Ethanol	5.77	45	213189	9.746 ng		99
11) Acetonitrile	5.99	41	5393	0.085 ng		80
12) Acrolein	6.10	56	7713	0.444 ng		98
13) Acetone	6.20	58	350034	13.225 ng		99
14) Trichlorofluoromethane	6.35	101	7338	0.195 ng		96
15) Isopropanol	6.39	45	62958	0.793 ng	#	61
16) Acrylonitrile	0.00	53	0	N.D.		
17) 1,1-Dichloroethene	0.00	96	0	N.D.		
18) tert-Butanol	6.93	59	15393	0.193 ng		90
19) Methylene Chloride	7.00	84	4669	0.202 ng	#	39
20) Allyl Chloride	7.04	41	2186	0.051 ng	#	40
21) Trichlorotrifluoroethane	7.23	151	638	N.D.		
22) Carbon Disulfide	7.37	76	35297	0.349 ng		90
23) trans-1,2-Dichloroethene	0.00	61	0	N.D.		
24) 1,1-Dichloroethane	0.00	63	0	N.D.		
25) Methyl tert-Butyl Ether	0.00	73	0	N.D.		
26) Vinyl Acetate	0.00	86	0	N.D.		
27) 2-Butanone	8.38	72	4496	0.308 ng	#	12
28) cis-1,2-Dichloroethene	8.84	61	1734	N.D.		
29) Diisopropyl Ether	0.00	87	0	N.D.		
30) Ethyl Acetate	8.95	61	6505	0.688 ng		85
31) n-Hexane	9.02	57	17129	0.304 ng		87
32) Chloroform	0.00	83	0	N.D.		
34) Tetrahydrofuran	0.00	72	0	N.D.		
35) Ethyl tert-Butyl Ether	0.00	87	0	N.D.		
36) 1,2-Dichloroethane	0.00	62	0	N.D.		
38) 1,1,1-Trichloroethane	0.00	97	0	N.D.		
39) Isopropyl Acetate	0.00	61	0	N.D.		
40) 1-Butanol	10.40	56	83933	2.516 ng	#	60
41) Benzene	10.65	78	34100	0.380 ng		100
Carbon Tetrachloride	10.79	117	2211	0.060 ng	#	70
Cyclohexane	10.94	84	3764	0.097 ng	#	1
44) tert-Amyl Methyl Ether	0.00	73	0	N.D.		
45) 1,2-Dichloropropane	0.00	63	0	N.D.		
46) Bromodichloromethane	11.73	83	8028	0.250 ng		100

3/10/08

Data Path : J:\MS08\Data\2008_02\28\
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 Acq On : 28 Feb 2008 14:56
 Operator : SC
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 Misc : Walden I-1 (0.1,3.5)
 ALS Vial : 6 Sample Multiplier: 1

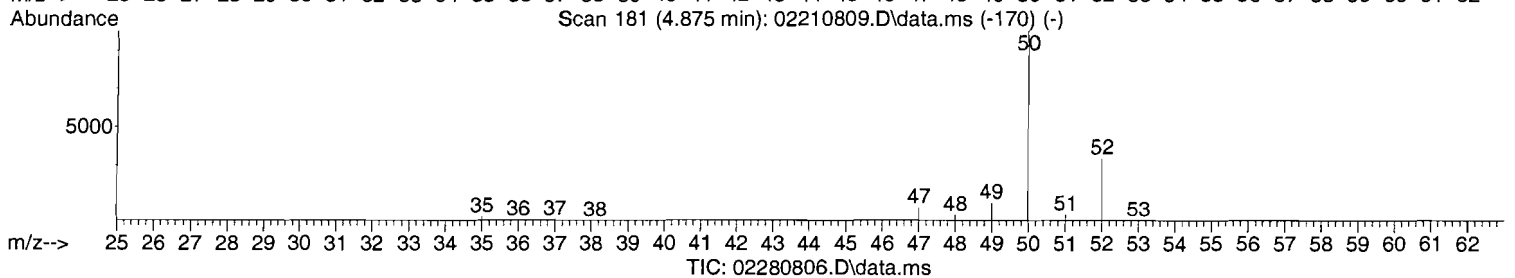
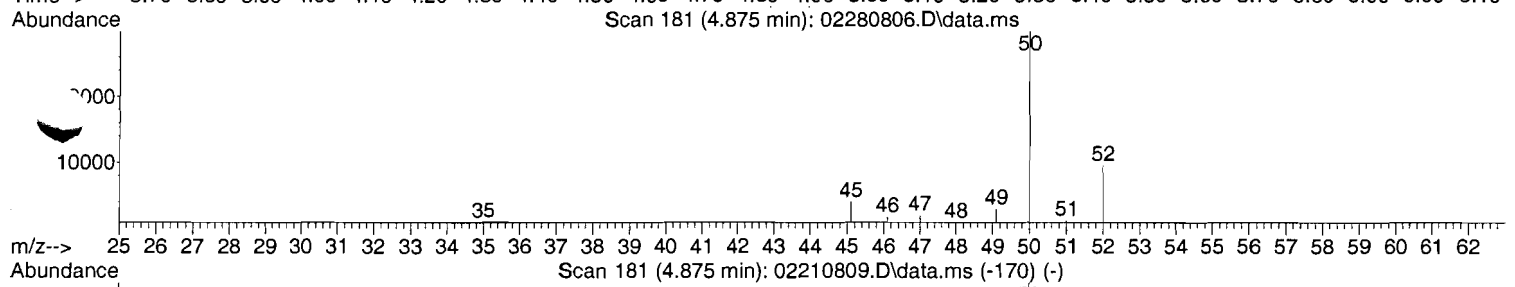
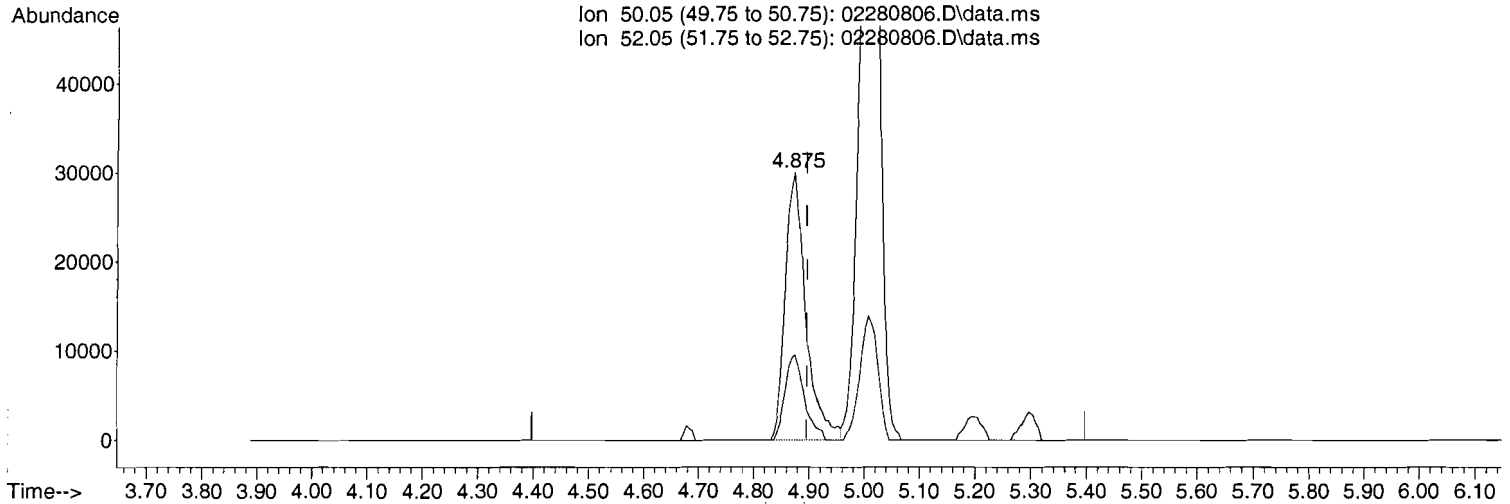
Quant Time: Mar 07 12:08:27 2008
 Quant Method : J:\MS08\Methods\R8022108.M
 Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 QLast Update : Fri Feb 22 09:32:02 2008
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) Trichloroethene	11.73	130	650371	31.821 ng		98
48) 1,4-Dioxane	11.68	88	8648	0.526 ng	#	36
49) Isooctane	11.77	57	24772	0.174 ng		87
50) Methyl Methacrylate	11.72	100	256	N.D.		
51) n-Heptane	12.00	71	3176	0.135 ng	#	54
52) cis-1,3-Dichloropropene	0.00	75	0	N.D.		
53) 4-Methyl-2-pentanone	12.65	58	259	N.D.		
54) trans-1,3-Dichloropropene	0.00	75	0	N.D.		
55) 1,1,2-Trichloroethane	13.65	97	176200	8.477 ng	IR	7
58) Toluene	13.75	91	112812	1.193 ng		98
59) 2-Hexanone	13.97	43	4415	0.058 ng	#	23
60) Dibromochloromethane	0.00	129	0	N.D.		
61) 1,2-Dibromoethane	0.00	107	0	N.D.		
62) Butyl Acetate	14.65	43	12126	0.157 ng		84
63) n-Octane	14.81	57	4215	0.152 ng	#	67
64) Tetrachloroethene	15.04	166	133069	5.493 ng		100
65) Chlorobenzene	0.00	112	0	N.D.		
66) Ethylbenzene	16.24	91	135674	1.197 ng		99
67) m- & p-Xylene	16.44	91	331144	4.337 ng		98
68) Bromoform	0.00	173	0	N.D.		
69) Styrene	16.89	104	2077	N.D.		
70) o-Xylene	17.02	91	89850	1.097 ng		98
71) n-Nonane	17.23	43	21401m	0.313 ng		
72) 1,1,2,2-Tetrachloroethane	17.02	83	4507	0.140 ng	#	1
74) Cumene	17.71	105	4873	N.D.		
75) alpha-Pinene	18.18	93	19331	0.343 ng	#	45
76) n-Propylbenzene	18.31	91	26462	0.202 ng		96
77) 3-Ethyltoluene	18.43	105	71113	0.635 ng		99
78) 4-Ethyltoluene	18.48	105	32389	0.313 ng		98
79) 1,3,5-Trimethylbenzene	18.56	105	33964	0.363 ng		95
80) alpha-Methylstyrene	18.92	118	363	N.D.		
81) 2-Ethyltoluene	18.80	105	27083	0.246 ng		100
82) 1,2,4-Trimethylbenzene	19.05	105	92543	0.993 ng		92
83) n-Decane	19.19	57	1525915	21.192 ng		98
84) Benzyl Chloride	19.05	91	10381	0.125 ng	#	56
85) 1,3-Dichlorobenzene	19.33	146	92587	1.857 ng	CR	98
86) 1,4-Dichlorobenzene	19.33	146	92587	1.913 ng		98
87) sec-Butylbenzene	19.56	105	16286	0.140 ng	#	23
88) p-Isopropyltoluene	19.56	119	22281	0.228 ng	#	75
89) 1,2,3-Trimethylbenzene	19.56	105	16286	0.178 ng		95
90) 1,2-Dichlorobenzene	19.74	146	4922	0.108 ng		96
91) d-Limonene	19.73	68	1201415	33.055 ng		95
92) 1,2-Dibromo-3-Chloropr...	0.00	157	0	N.D.		
93) n-Undecane	20.48	57	5610635	74.693 ng		80
94) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.		
95) Naphthalene	21.90	128	10820	0.097 ng	#	71
96) n-Dodecane	21.86	57	167327	2.338 ng		73
97) Hexachloro-1,3-butadiene	0.00	225	0	N.D.		

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

Data Path : J:\MS08\Data\2008_02\28\
Data File : 02280806.D
Acq On : 28 Feb 2008 14:56
Operator : SC
Sample : P0800448-001 (400ml)
sc : Walden I-1 (0.1,3.5)
S Vial : 6 Sample Multiplier: 1

Quant Time: Mar 07 12:08:27 2008
Quant Method : J:\MS08\Methods\R8022108.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Fri Feb 22 09:32:02 2008
Response via : Initial Calibration



(4) Chloromethane (T)

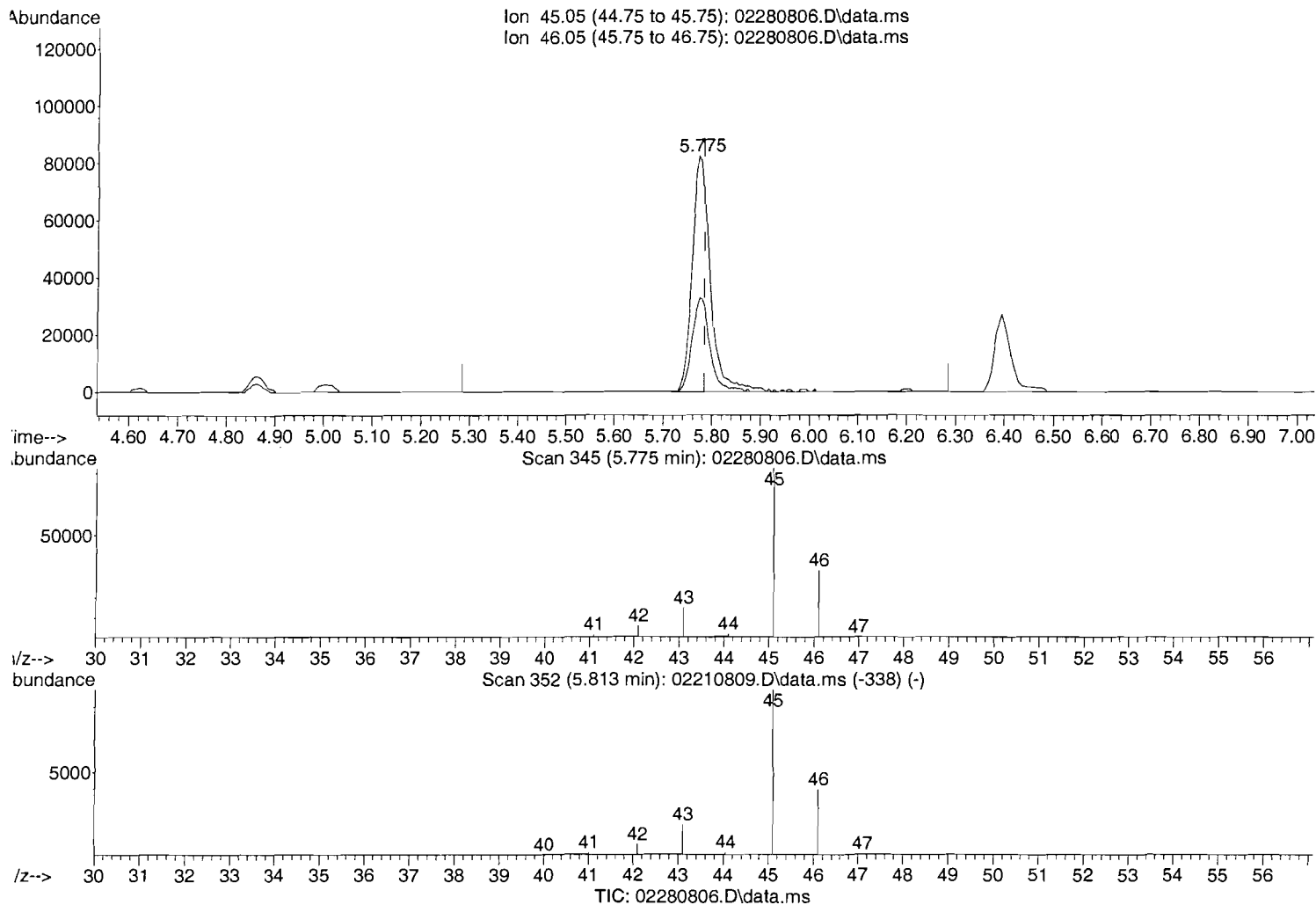
4.875min (-0.022) 1.40ng

response 78097

Ion	Exp%	Act%
50.05	100	100
52.05	32.40	30.19
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : J:\MS08\Data\2008_02\28\
Data File : 02280806.D
Acq On : 28 Feb 2008 14:56
Operator : SC
Sample : P0800448-001 (400ml)
Misc : Walden I-1 (0.1,3.5)
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 28 15:27:10 2008
Quant Method : J:\MS08\Methods\R8022108.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Fri Feb 22 09:32:02 2008
Response via : Initial Calibration



(10) Ethanol (T)

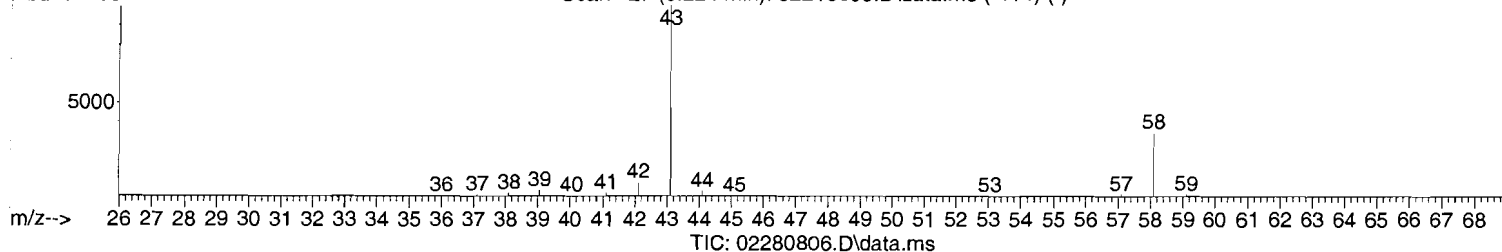
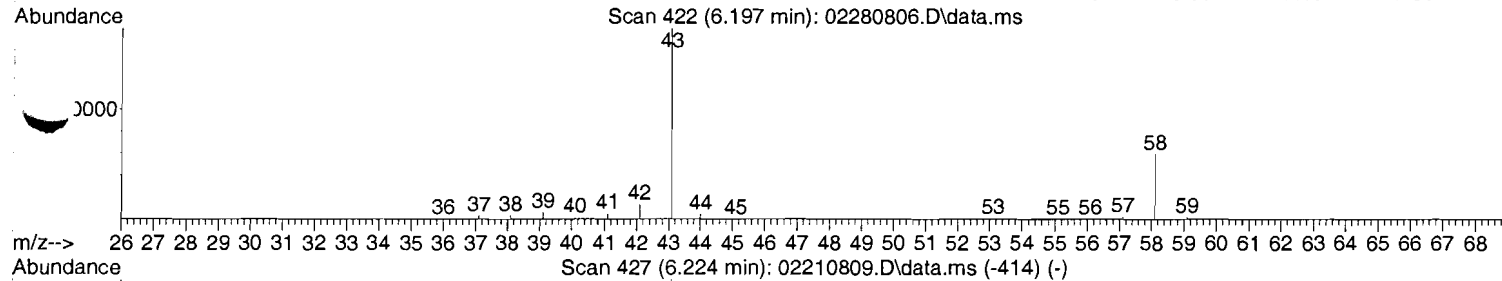
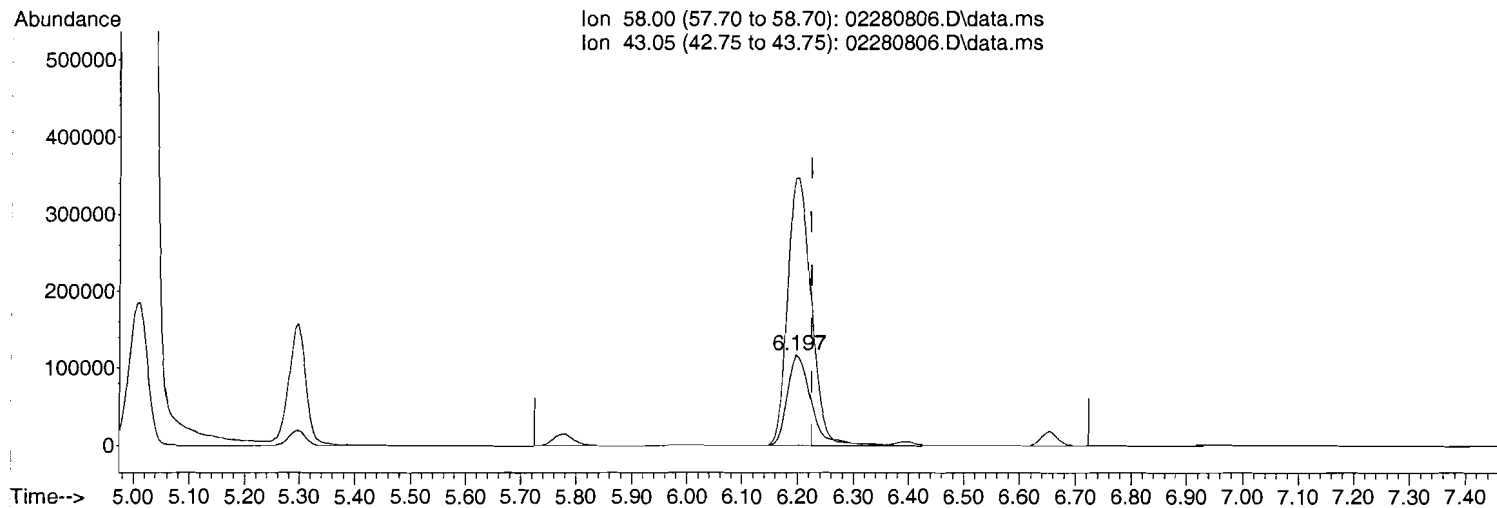
5.775min (-0.010) 9.75ng

response 213189

Ion	Exp%	Act%
45.05	100	100
46.05	39.30	38.97
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : J:\MS08\Data\2008_02\28\
Data File : 02280806.D
Acq On : 28 Feb 2008 14:56
Operator : SC
Sample : P0800448-001 (400ml)
isc : Walden I-1 (0.1,3.5)
S Vial : 6 Sample Multiplier: 1

Quant Time: Feb 28 15:27:10 2008
Quant Method : J:\MS08\Methods\R8022108.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Fri Feb 22 09:32:02 2008
Response via : Initial Calibration



(13) Acetone (T)

6.197min (-0.027) 13.23ng

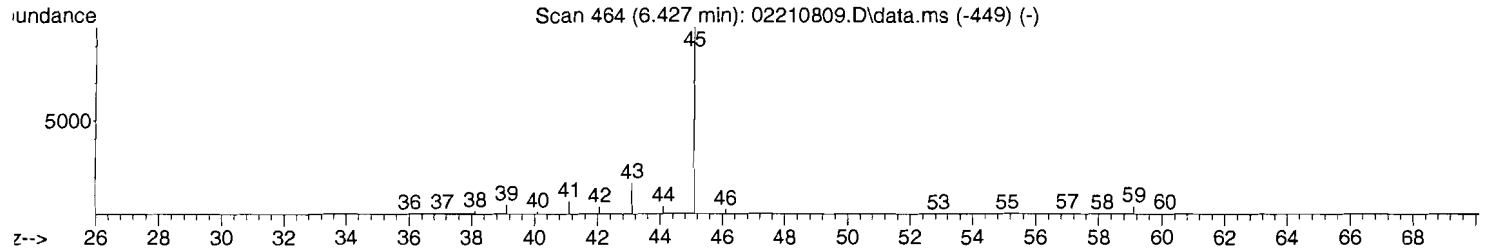
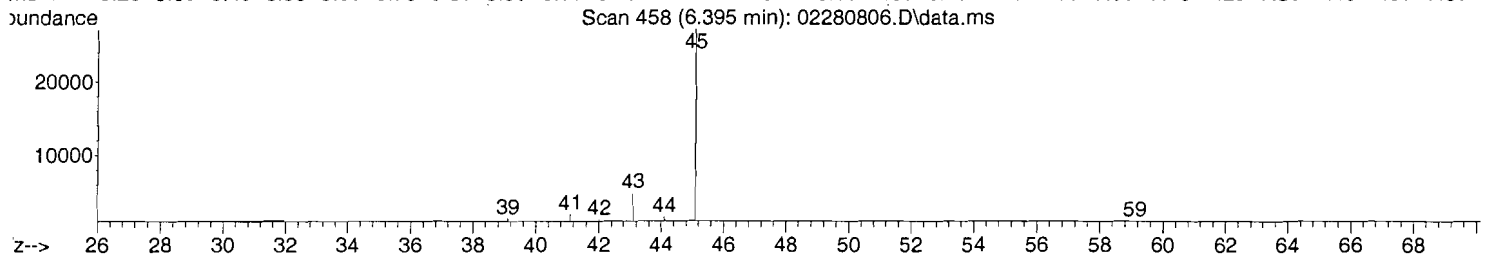
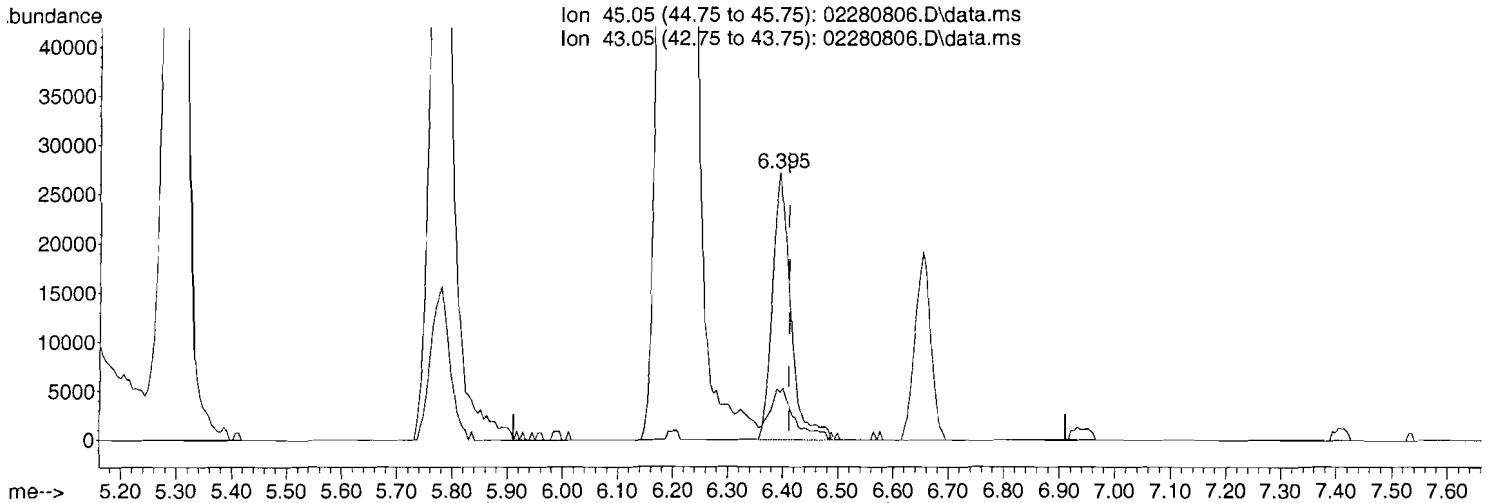
response 350034

Ion	Exp%	Act%
58.00	100	100
43.05	293.20	292.15
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : J:\MS08\Data\2008_02\28\
 Data File : 02280806.D
 Acq On : 28 Feb 2008 14:56
 Operator : SC
 Sample : P0800448-001 (400ml)
 Misc : Walden I-1 (0.1,3.5)
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 28 15:27:10 2008
 Quant Method : J:\MS08\Methods\R8022108.M
 Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 QLast Update : Fri Feb 22 09:32:02 2008
 Response via : Initial Calibration



TIC: 02280806.D\data.ms

(15) Isopropanol (T)

6.395min (-0.016) 0.79ng

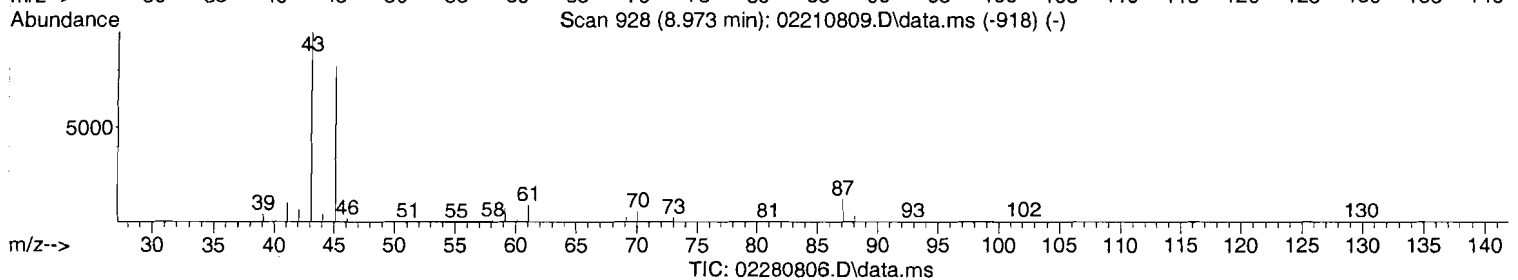
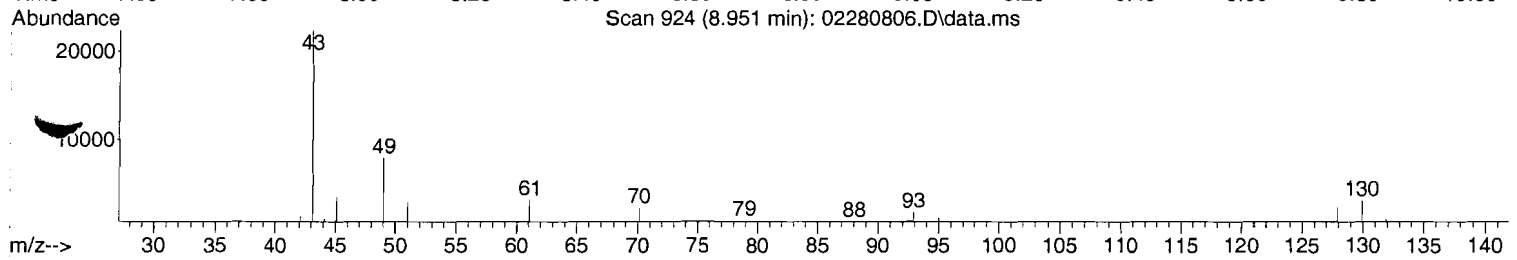
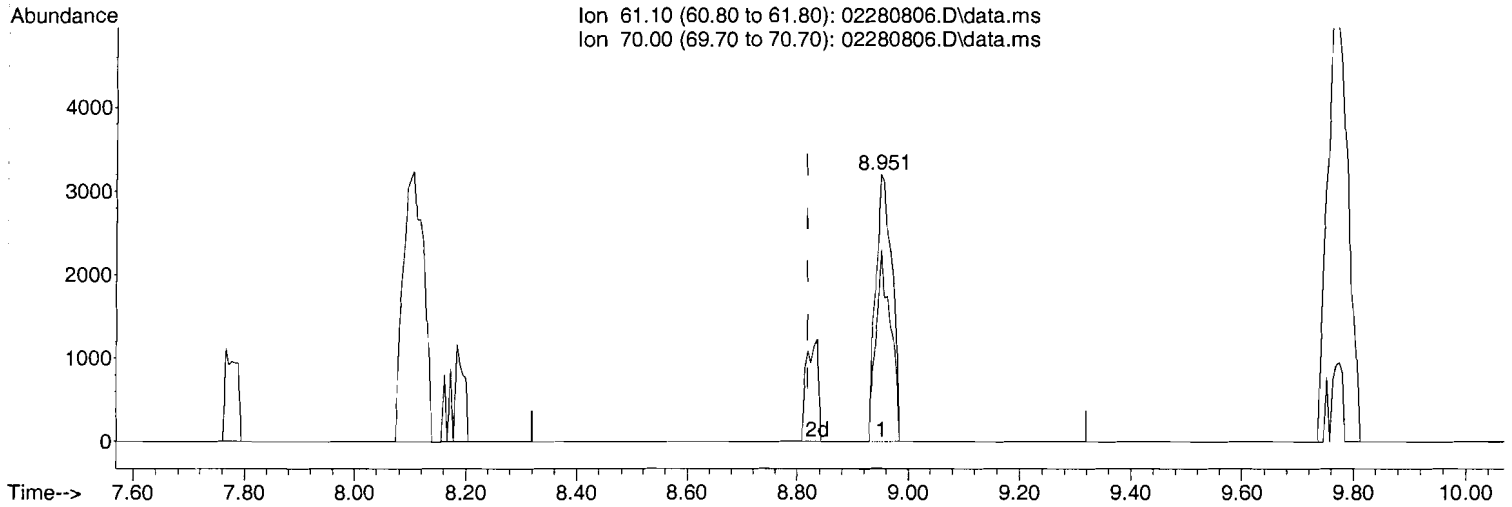
response 62958

Ion	Exp%	Act%
45.05	100	100
43.05	17.10	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : J:\MS08\Data\2008_02\28\
 Data File : 02280806.D
 Acq On : 28 Feb 2008 14:56
 Operator : SC
 Sample : P0800448-001 (400ml)
 Disc : Walden I-1 (0.1,3.5)
 Vial : 6 Sample Multiplier: 1

Quant Time: Feb 28 15:27:10 2008
 Quant Method : J:\MS08\Methods\R8022108.M
 Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 QLast Update : Fri Feb 22 09:32:02 2008
 Response via : Initial Calibration



(30) Ethyl Acetate (T)

8.951min (+0.132) 0.69ng

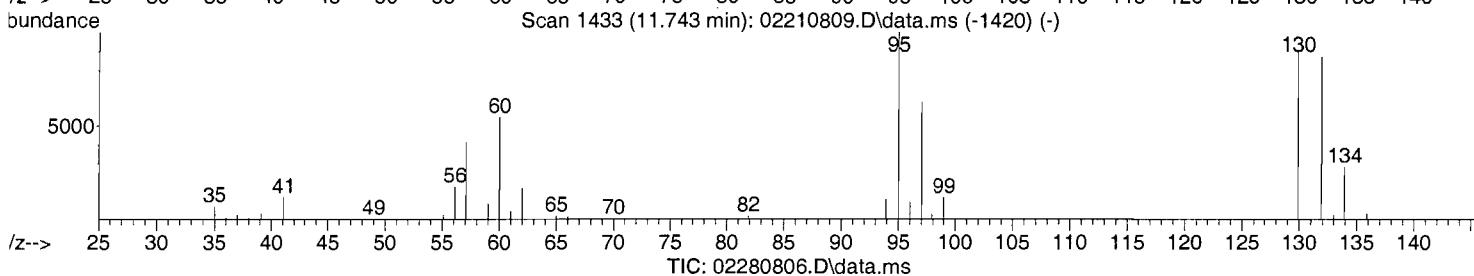
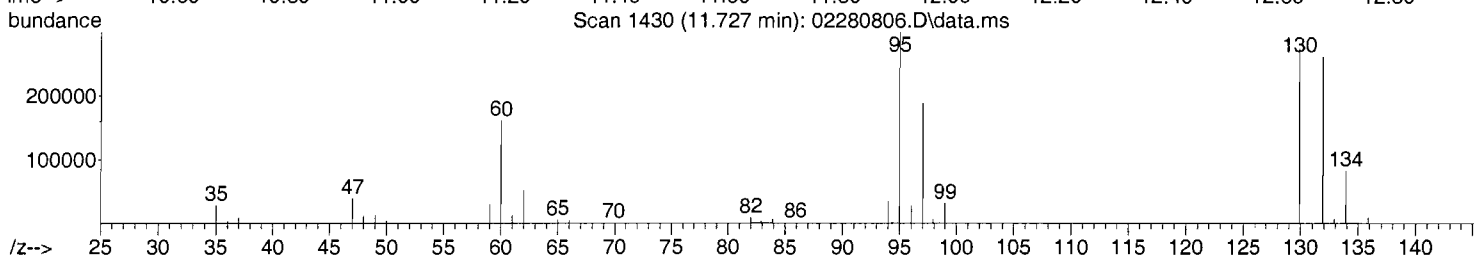
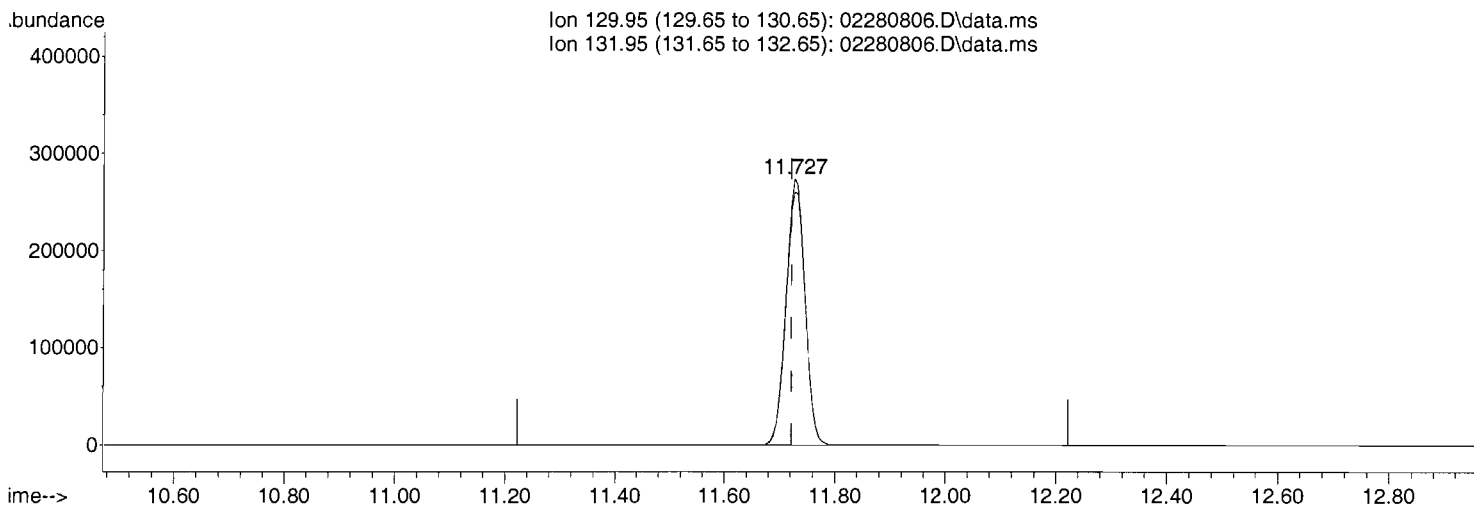
response 6505

Ion	Exp%	Act%
61.10	100	100
70.00	77.80	64.60
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : J:\MS08\Data\2008_02\28\
 Data File : 02280806.D
 Acq On : 28 Feb 2008 14:56
 Operator : SC
 Sample : P0800448-001 (400ml)
 Misc : Walden I-1 (0.1,3.5)
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 28 15:27:10 2008
 Quant Method : J:\MS08\Methods\R8022108.M
 Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 QLast Update : Fri Feb 22 09:32:02 2008
 Response via : Initial Calibration



(47) Trichloroethene (T)

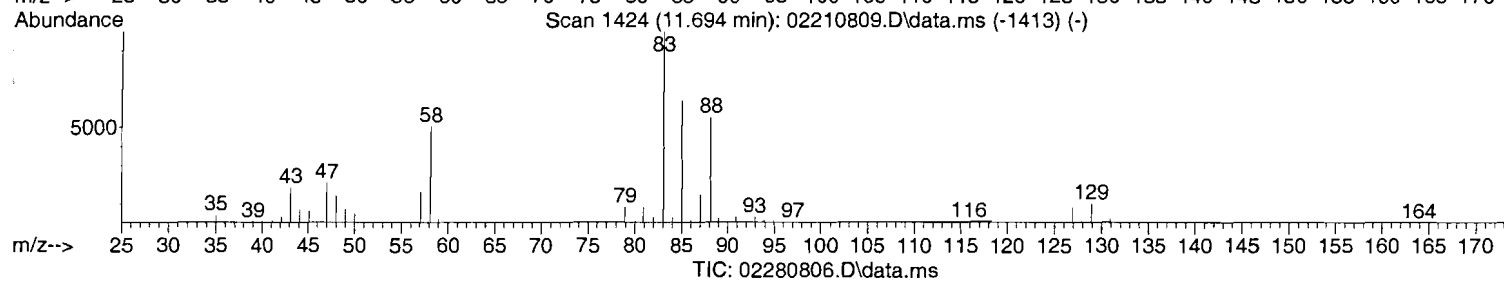
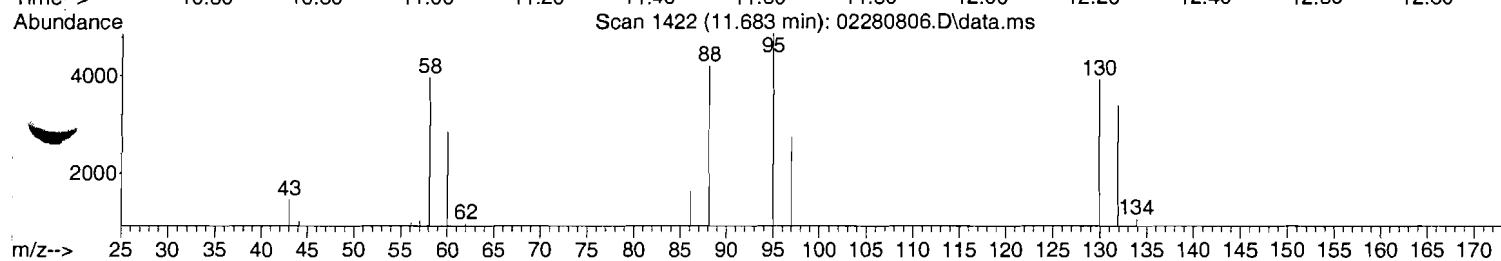
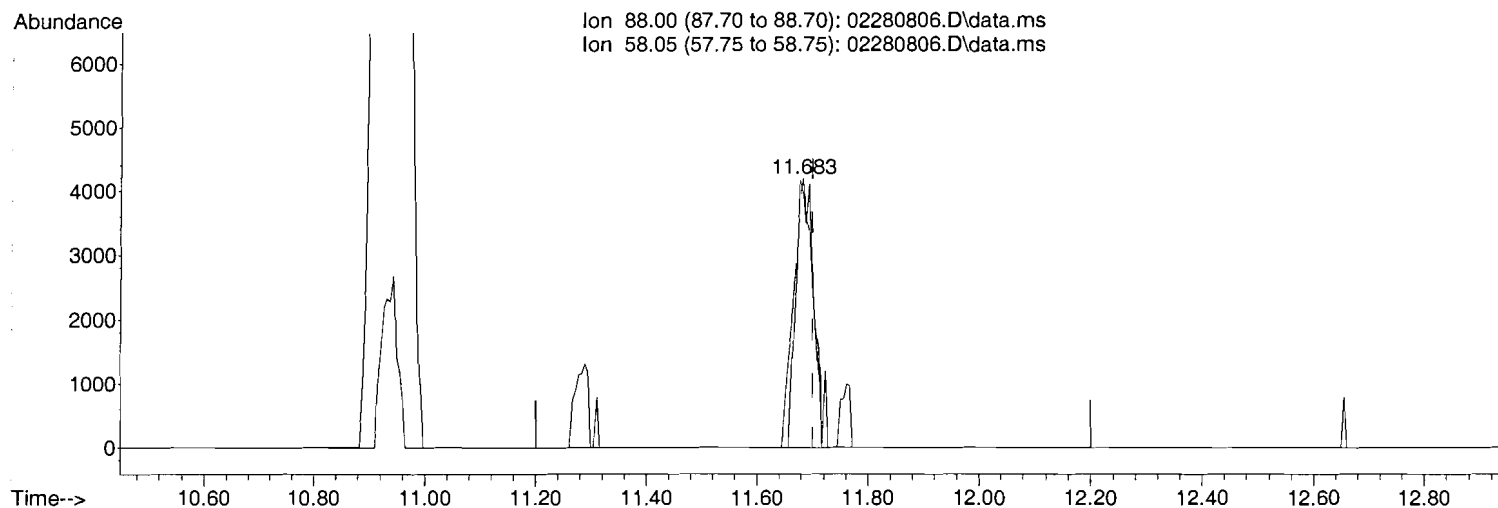
11.727min (+0.006) 31.82ng

response 650371

Ion	Exp%	Act%
129.95	100	100
131.95	94.70	96.67
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : J:\MS08\Data\2008_02\28\
Data File : 02280806.D
Acq On : 28 Feb 2008 14:56
Operator : SC
Sample : P0800448-001 (400ml)
Disc : Walden I-1 (0.1,3.5)
S Vial : 6 Sample Multiplier: 1

Quant Time: Feb 28 15:27:10 2008
Quant Method : J:\MS08\Methods\R8022108.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Fri Feb 22 09:32:02 2008
Response via : Initial Calibration



(48) 1,4-Dioxane (T)

11.683min (-0.017) 0.53ng

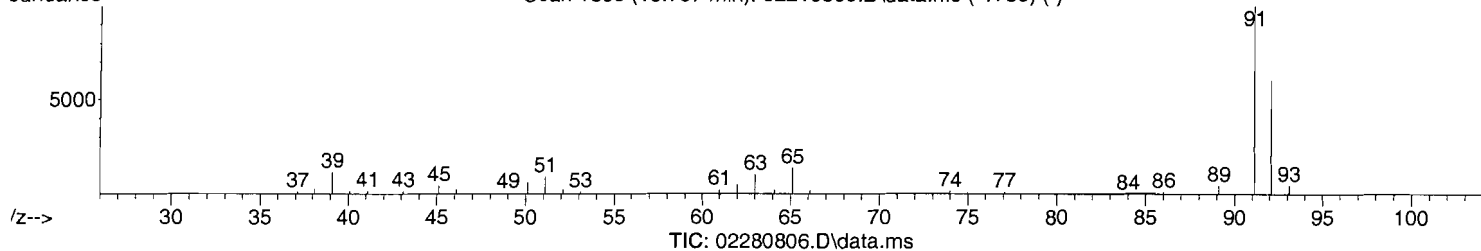
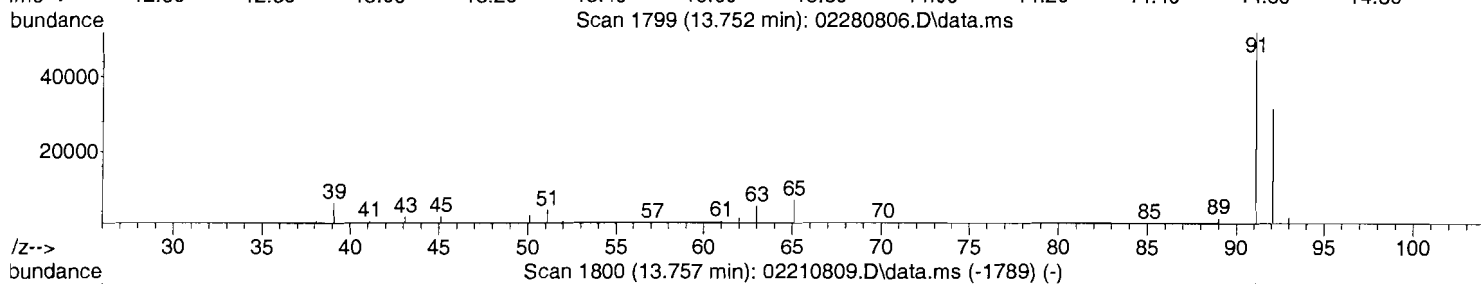
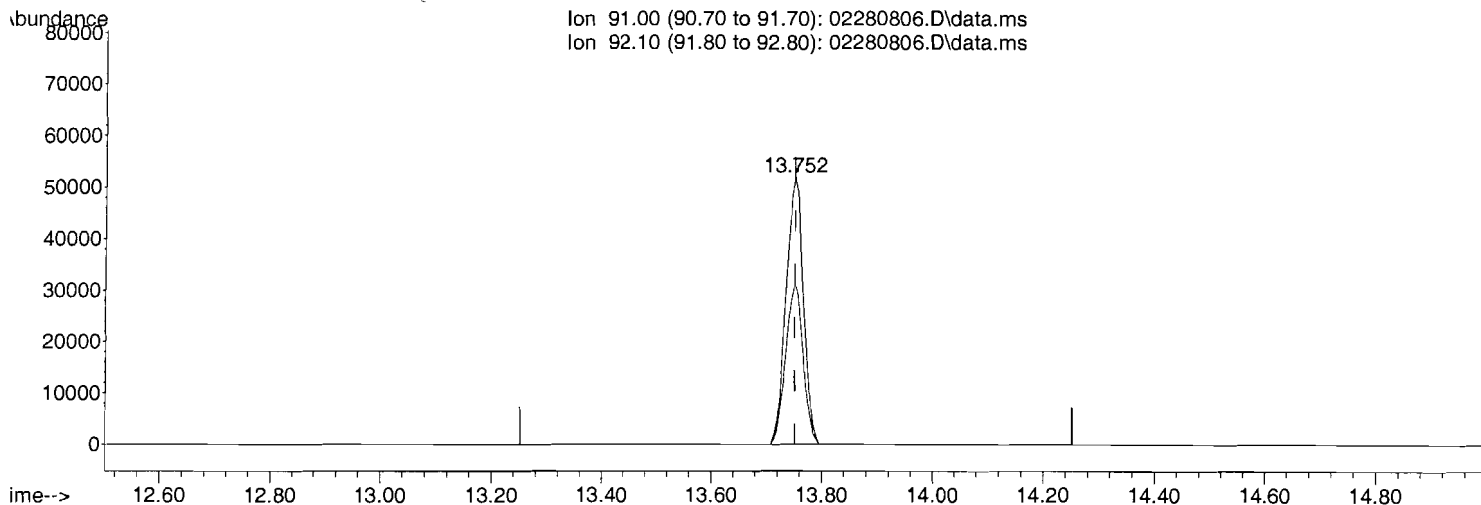
response 8648

Ion	Exp%	Act%
88.00	100	100
58.05	70.40	123.14#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : J:\MS08\Data\2008_02\28\
 Data File : 02280806.D
 Acq On : 28 Feb 2008 14:56
 Operator : SC
 Sample : P0800448-001 (400ml)
 Misc : Walden I-1 (0.1,3.5)
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 28 15:27:10 2008
 Quant Method : J:\MS08\Methods\R8022108.M
 Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 QLast Update : Fri Feb 22 09:32:02 2008
 Response via : Initial Calibration



(58) Toluene (T)

13.752min (+0.000) 1.19ng

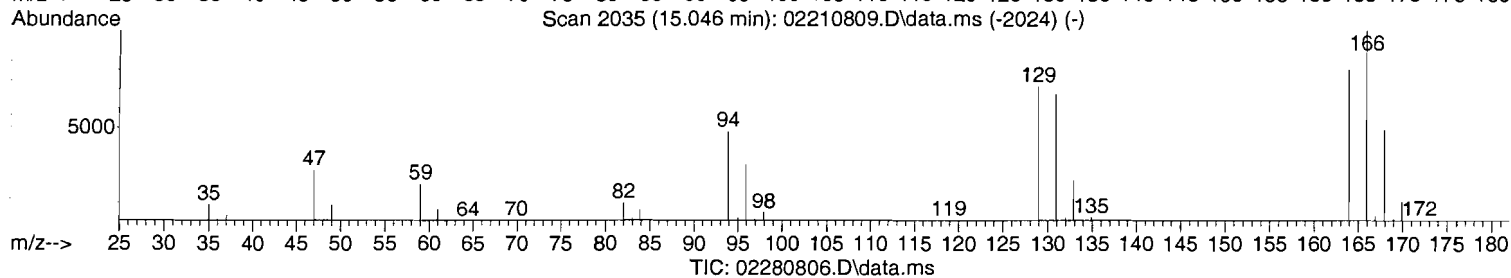
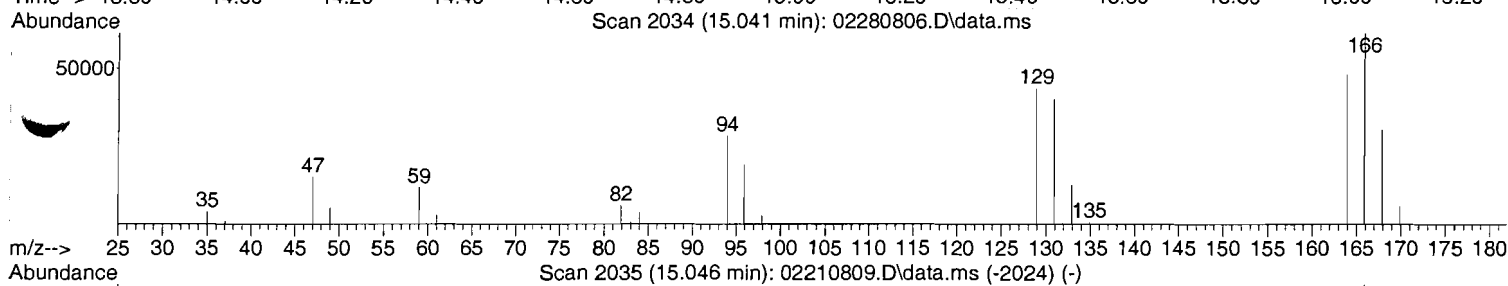
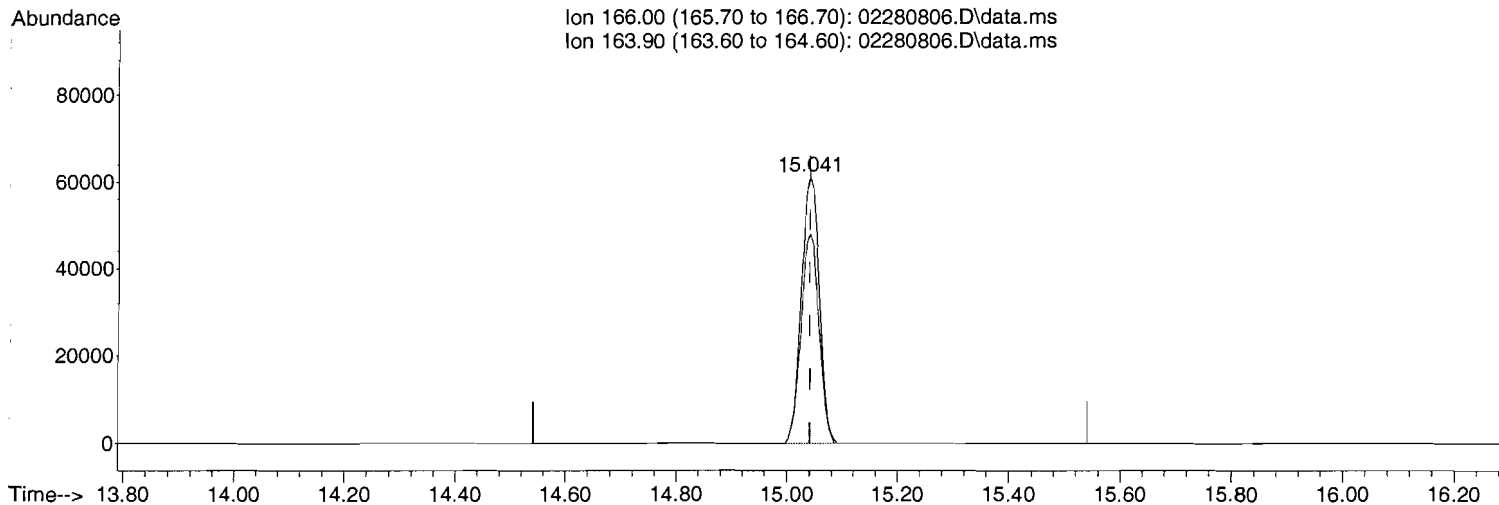
response 112812

Ion	Exp%	Act%
91.00	100	100
92.10	59.00	60.52
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : J:\MS08\Data\2008_02\28\
 Data File : 02280806.D
 Acq On : 28 Feb 2008 14:56
 Operator : SC
 Sample : P0800448-001 (400ml)
 Disc : Walden I-1 (0.1,3.5)
 Vial : 6 Sample Multiplier: 1

Quant Time: Feb 28 15:27:10 2008
 Quant Method : J:\MS08\Methods\R8022108.M
 Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 QLast Update : Fri Feb 22 09:32:02 2008
 Response via : Initial Calibration



(64) Tetrachloroethene (T)

15.041min (+0.000) 5.49ng

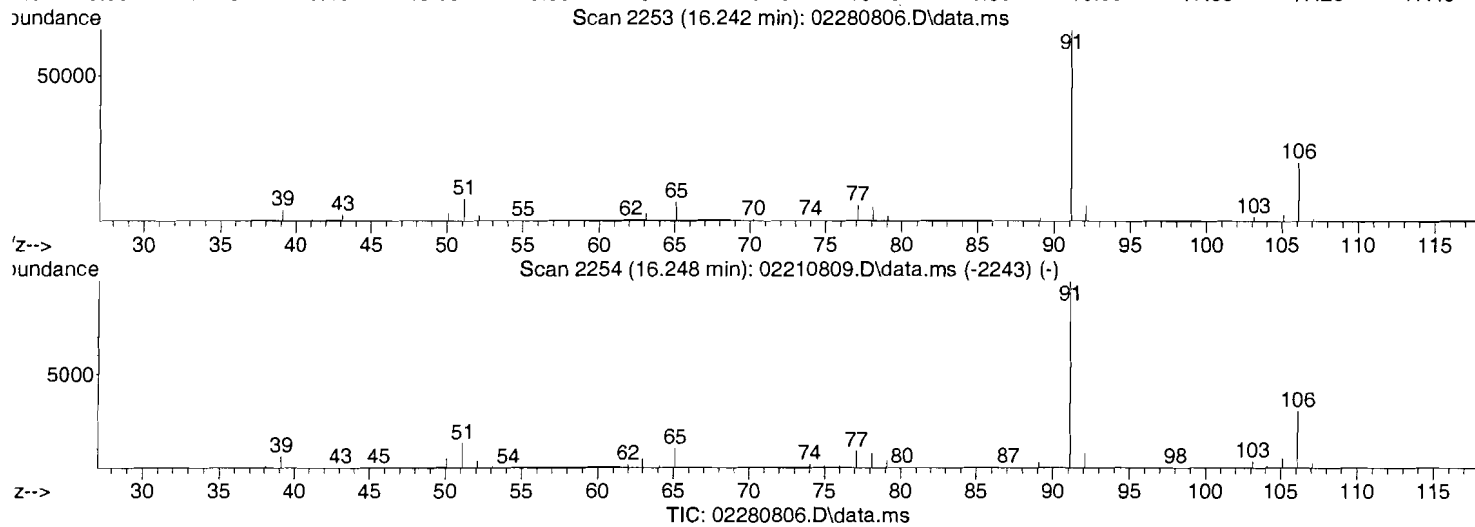
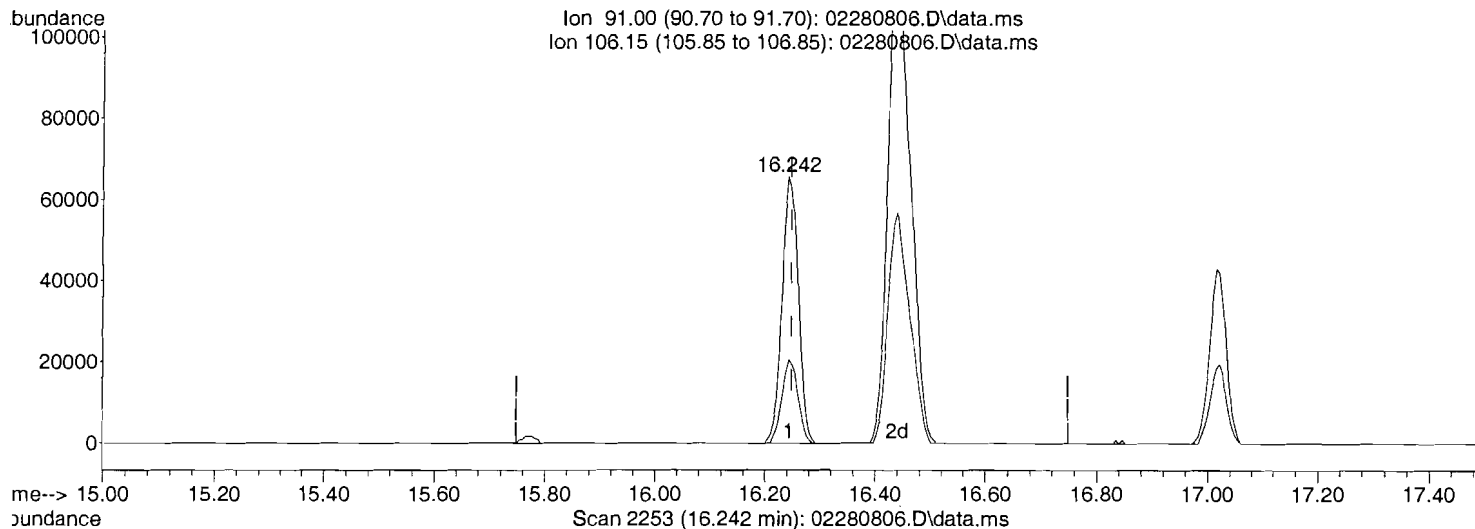
response 133069

Ion	Exp%	Act%
166.00	100	100
163.90	78.10	78.09
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : J:\MS08\Data\2008_02\28\
 Data File : 02280806.D
 Acq On : 28 Feb 2008 14:56
 Operator : SC
 Sample : P0800448-001 (400ml)
 Misc : Walden I-1 (0.1,3.5)
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 28 15:27:10 2008
 Quant Method : J:\MS08\Methods\R8022108.M
 Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 QLast Update : Fri Feb 22 09:32:02 2008
 Response via : Initial Calibration



(66) Ethylbenzene (T)

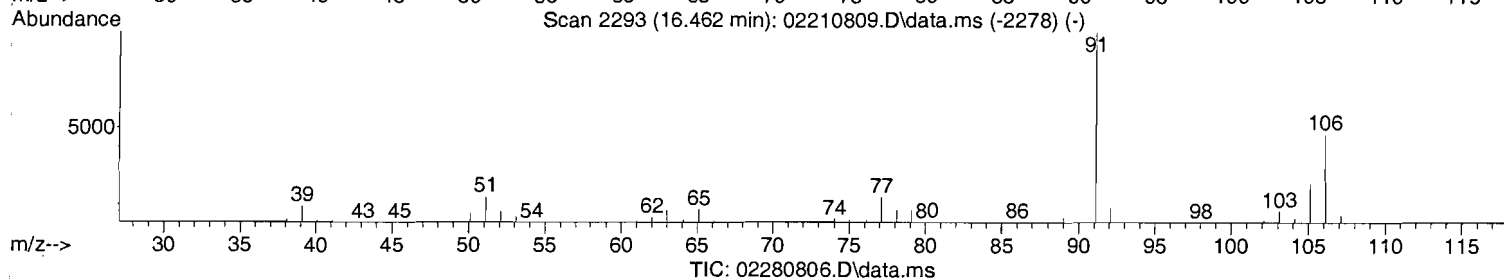
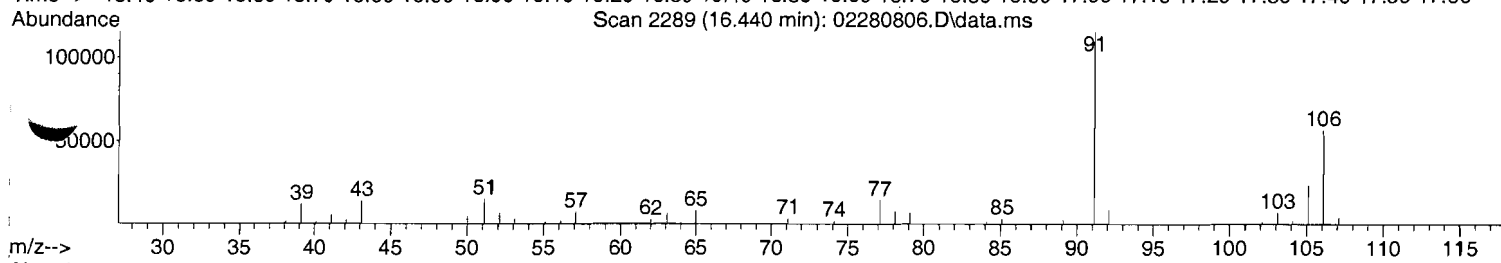
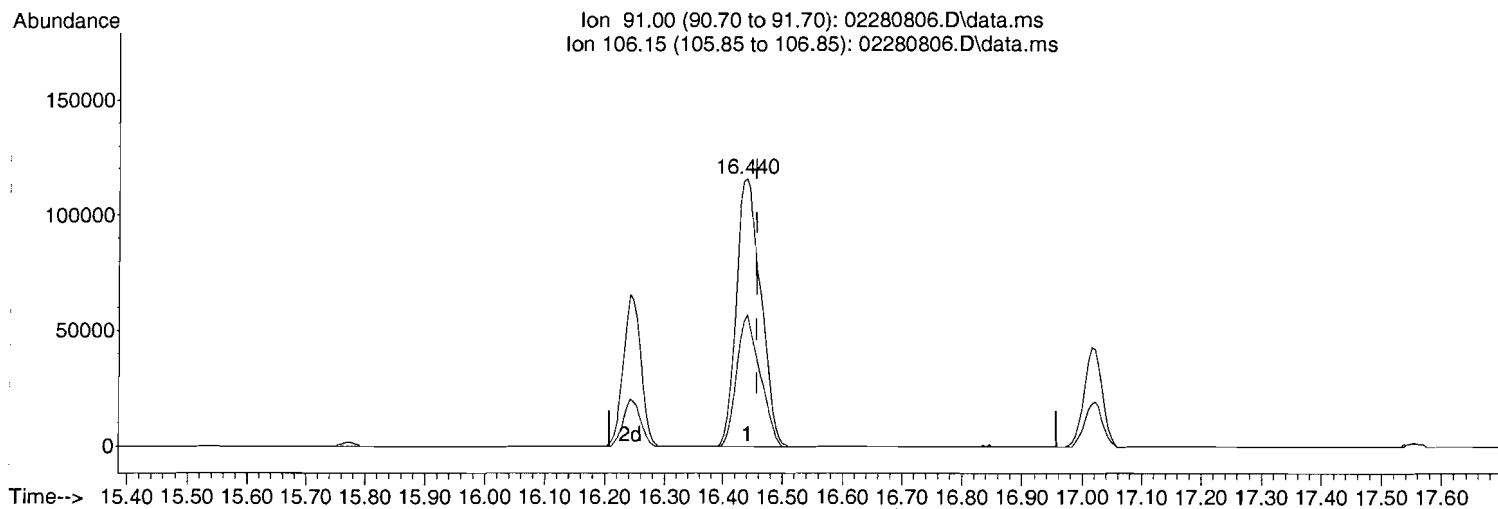
16.242min (-0.005) 1.20ng

response 135674

Ion	Exp%	Act%
91.00	100	100
106.15	31.40	30.80
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : J:\MS08\Data\2008_02\28\
Data File : 02280806.D
Acq On : 28 Feb 2008 14:56
Operator : SC
Sample : P0800448-001 (400ml)
Disc : Walden I-1 (0.1,3.5)
S Vial : 6 Sample Multiplier: 1

Quant Time: Feb 28 15:27:10 2008
Quant Method : J:\MS08\Methods\R8022108.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Fri Feb 22 09:32:02 2008
Response via : Initial Calibration



(67) m- & p-Xylene (T)

16.440min (-0.016) 4.34ng

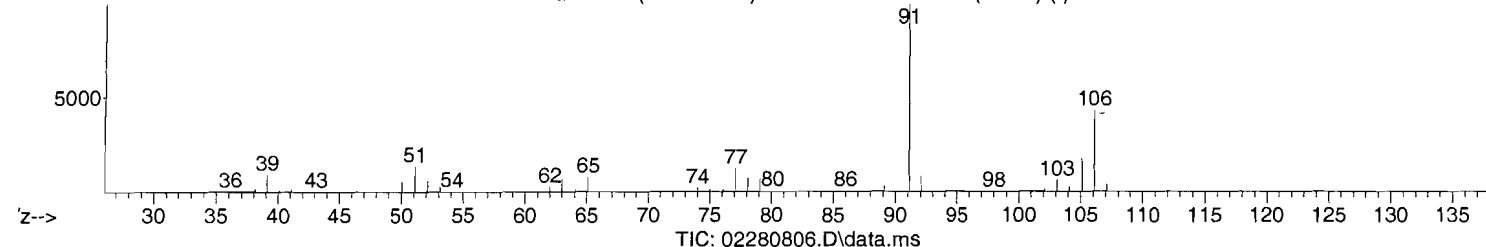
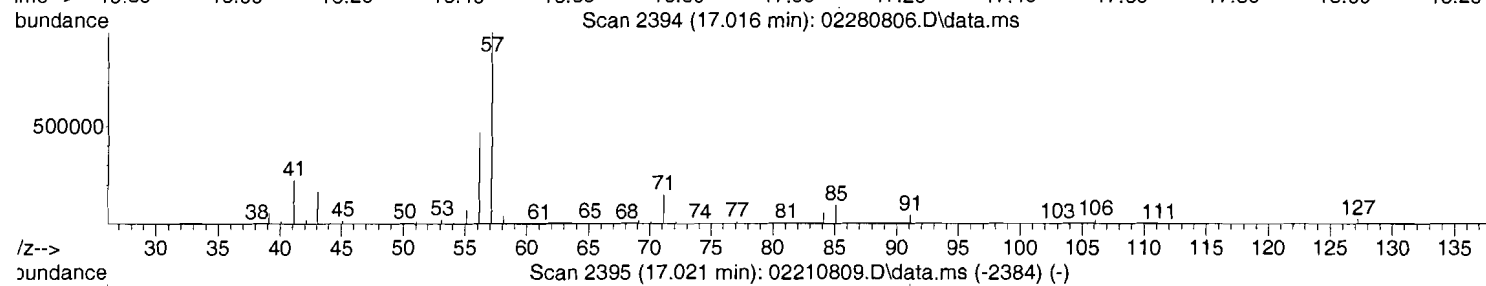
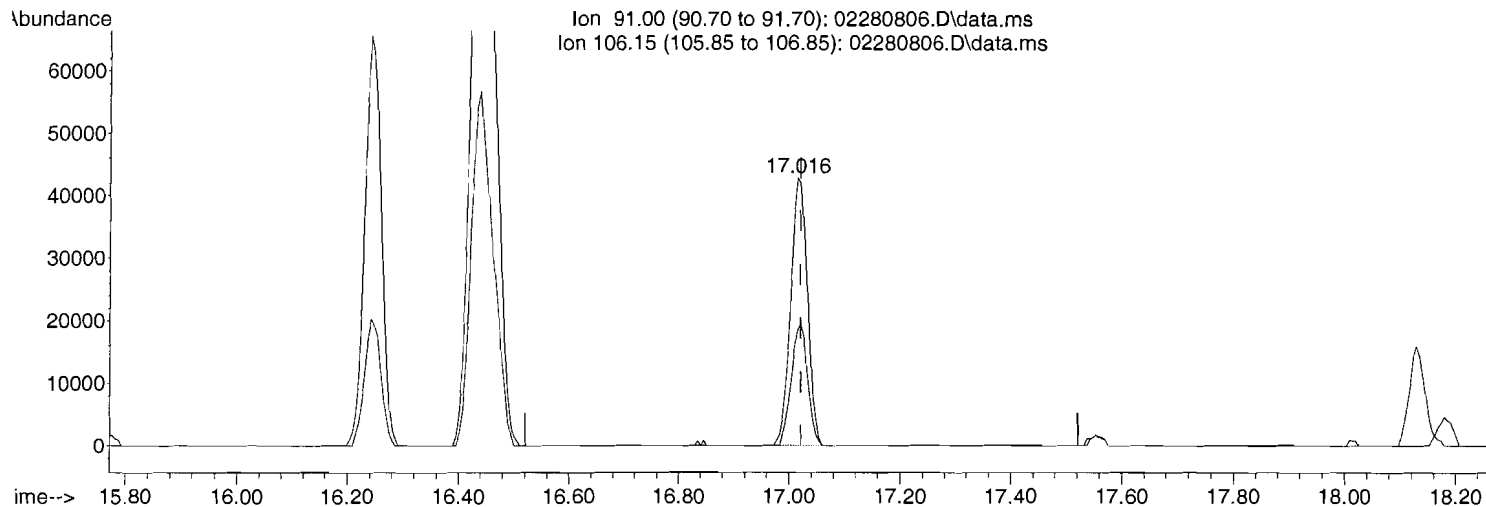
response 331144

Ion	Exp%	Act%
91.00	100	100
106.15	48.60	46.92
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : J:\MS08\Data\2008_02\28\
 Data File : 02280806.D
 Acq On : 28 Feb 2008 14:56
 Operator : SC
 Sample : P0800448-001 (400ml)
 Misc : Walden I-1 (0.1,3.5)
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 28 15:27:10 2008
 Quant Method : J:\MS08\Methods\R8022108.M
 Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 QLast Update : Fri Feb 22 09:32:02 2008
 Response via : Initial Calibration



(70) o-Xylene (T)

17.016min (-0.005) 1.10ng

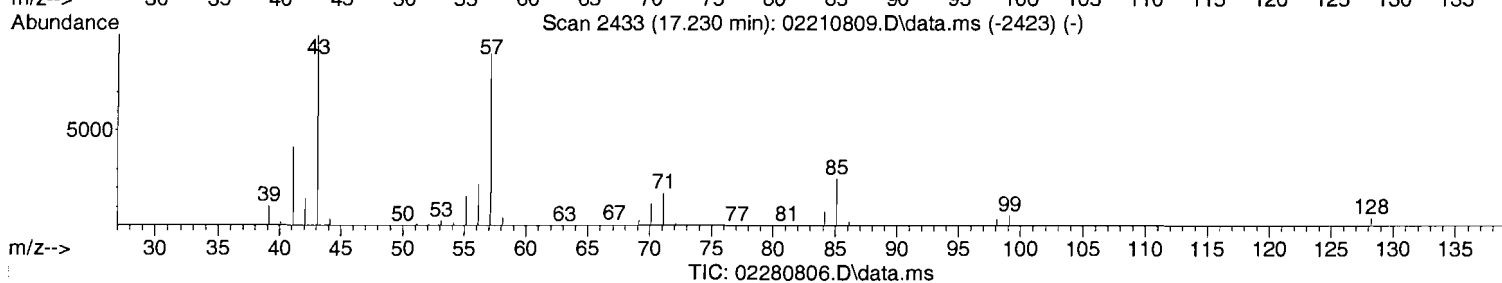
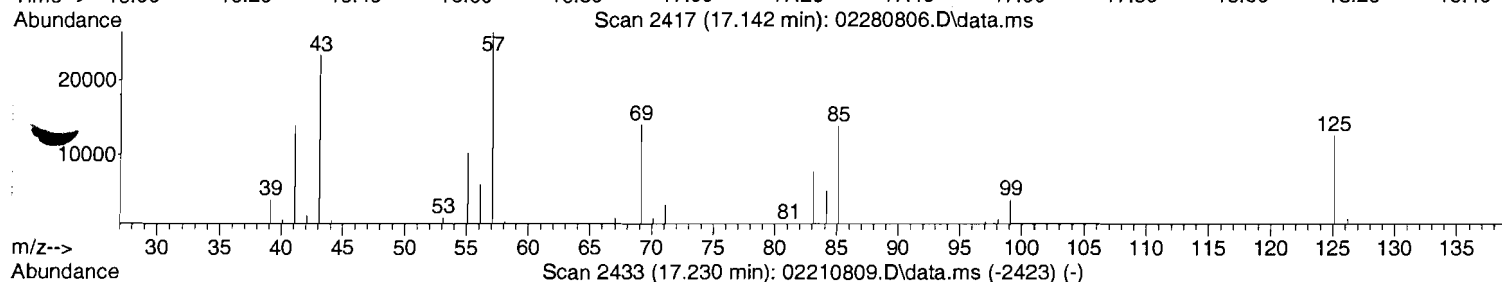
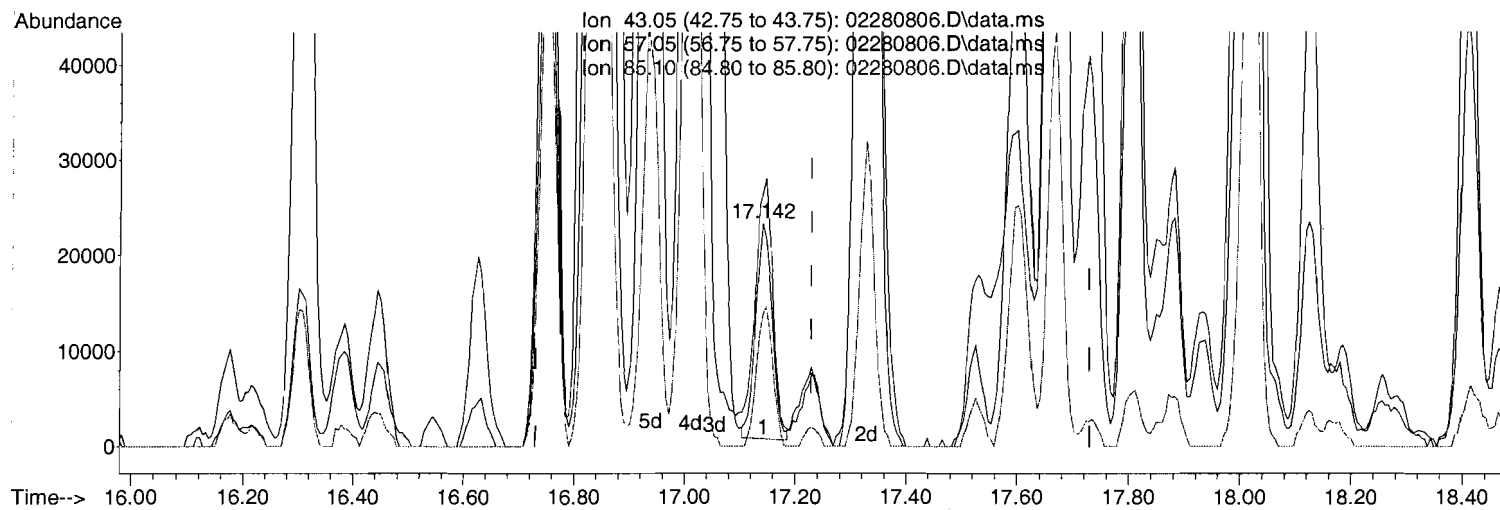
response 89850

Ion	Exp%	Act%
91.00	100	100
106.15	45.70	44.25
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : J:\MS08\Data\2008_02\28\
Data File : 02280806.D
Acq On : 28 Feb 2008 14:56
Operator : SC
Sample : P0800448-001 (400ml)
Disc : Walden I-1 (0.1,3.5)
S Vial : 6 Sample Multiplier: 1

Quant Time: Feb 28 15:27:10 2008
Quant Method : J:\MS08\Methods\R8022108.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Fri Feb 22 09:32:02 2008
Response via : Initial Calibration



(71) n-Nonane (T)

17.142min (-0.088) 0.68ng

response 46789

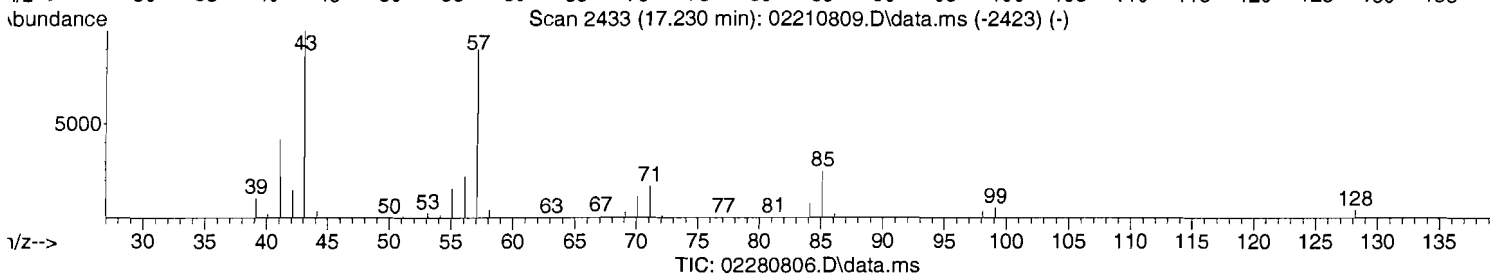
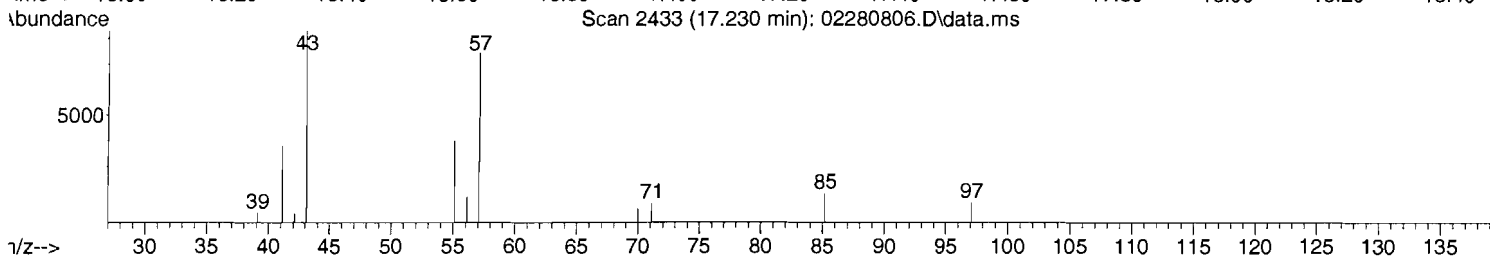
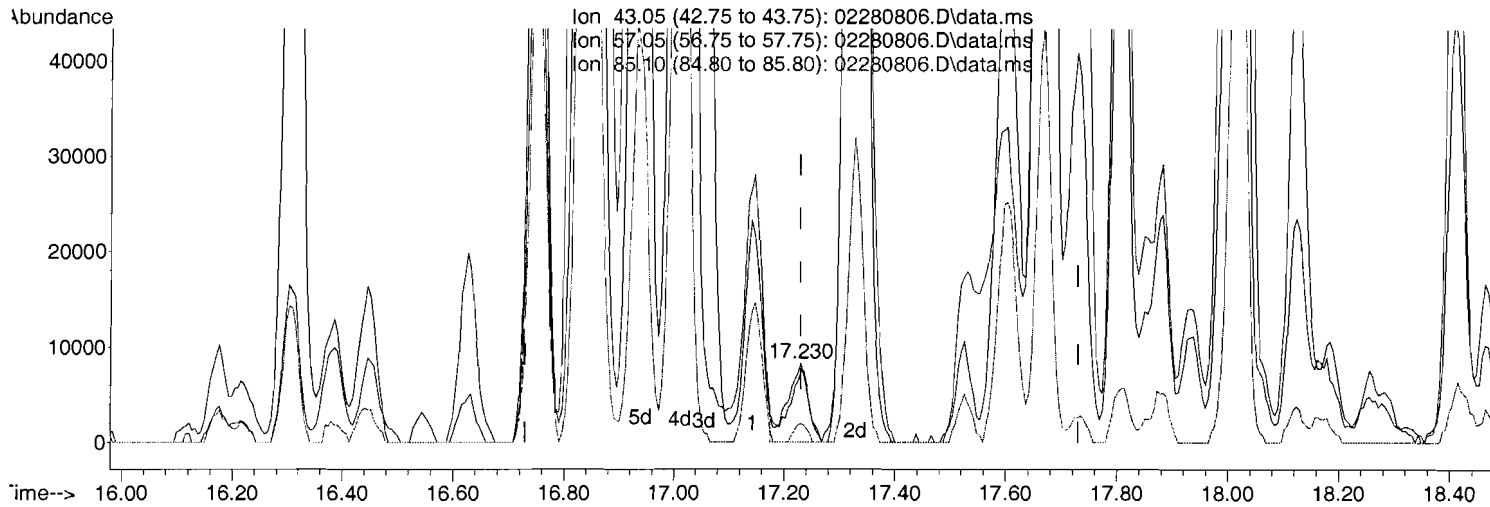
Ion	Exp%	Act%
43.05	100	100
57.05	91.40	0.00#
85.10	32.80	63.65#
0.00	0.00	0.00

Wang Pruk

Quantitation Report (Qedit)

Data Path : J:\MS08\Data\2008_02\28\
 Data File : 02280806.D
 Acq On : 28 Feb 2008 14:56
 Operator : SC
 Sample : P0800448-001 (400ml)
 Misc : Walden I-1 (0.1,3.5)
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 28 15:27:10 2008
 Quant Method : J:\MS08\Methods\R8022108.M
 Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 QLast Update : Fri Feb 22 09:32:02 2008
 Response via : Initial Calibration



(71) n-Nonane (T)

17.230min (+0.000) 0.31ng m

response 21401

Ion	Exp%	Act%
43.05	100	100
57.05	91.40	0.00#
85.10	32.80	139.15#
0.00	0.00	0.00

Correct peak = ND

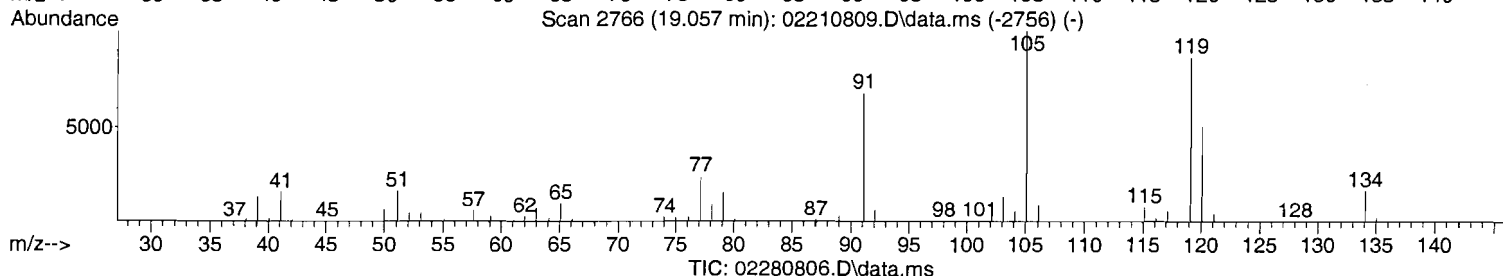
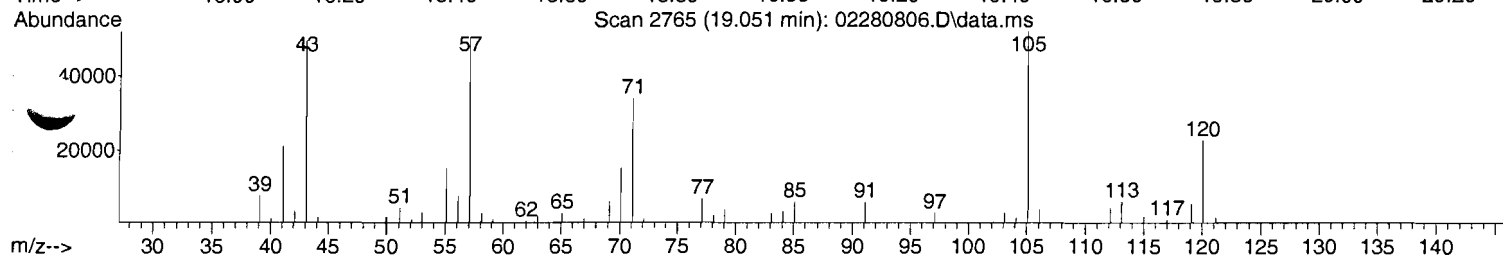
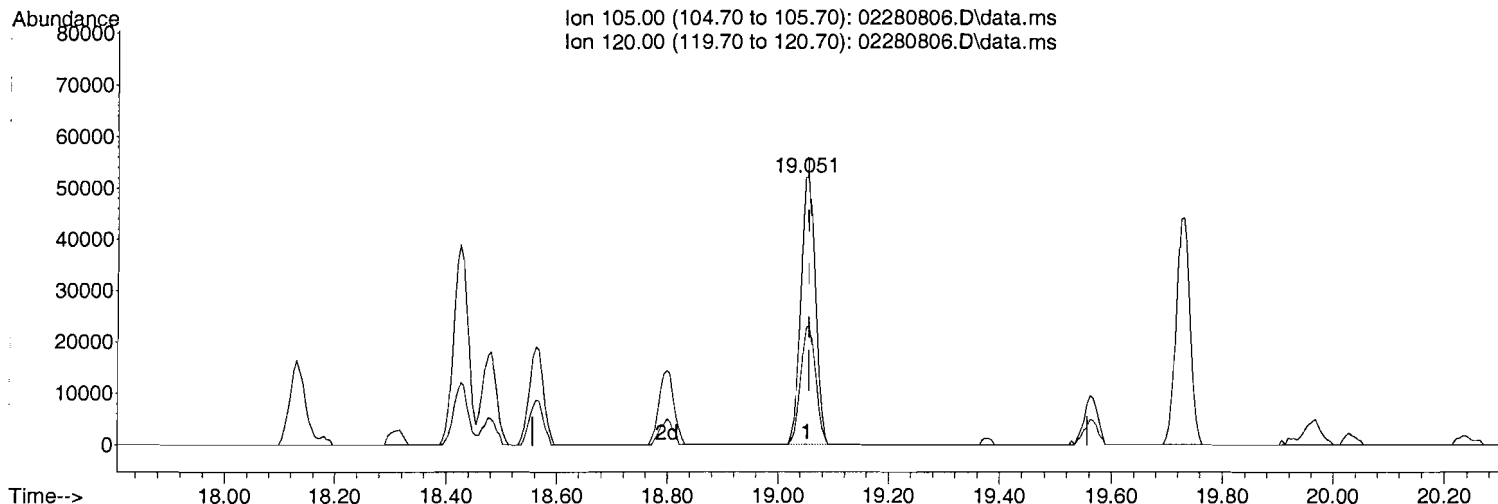
3/7/08

LM 3/16/08

Quantitation Report (Qedit)

Data Path : J:\MS08\Data\2008_02\28\
 Data File : 02280806.D
 Acq On : 28 Feb 2008 14:56
 Operator : SC
 Sample : P0800448-001 (400ml)
 sc : Walden I-1 (0.1,3.5)
 S Vial : 6 Sample Multiplier: 1

Quant Time: Feb 28 15:27:10 2008
 Quant Method : J:\MS08\Methods\R8022108.M
 Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 QLast Update : Fri Feb 22 09:32:02 2008
 Response via : Initial Calibration



(82) 1,2,4-Trimethylbenzene (T)

19.051min (-0.005) 0.99ng

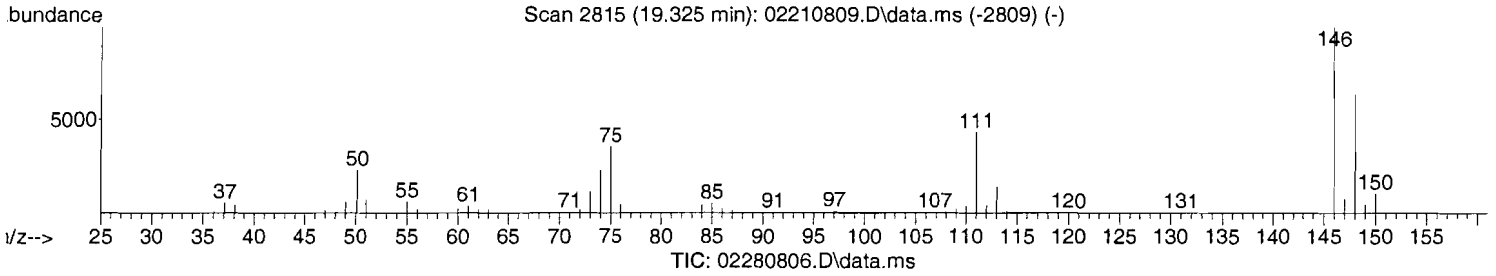
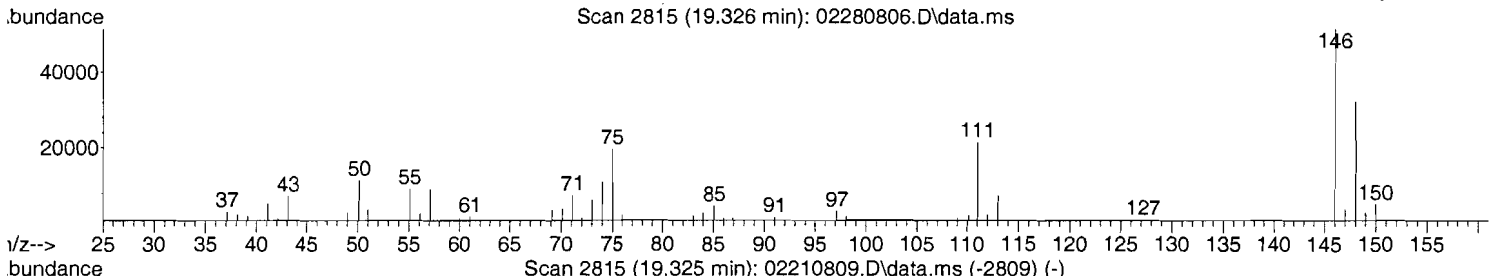
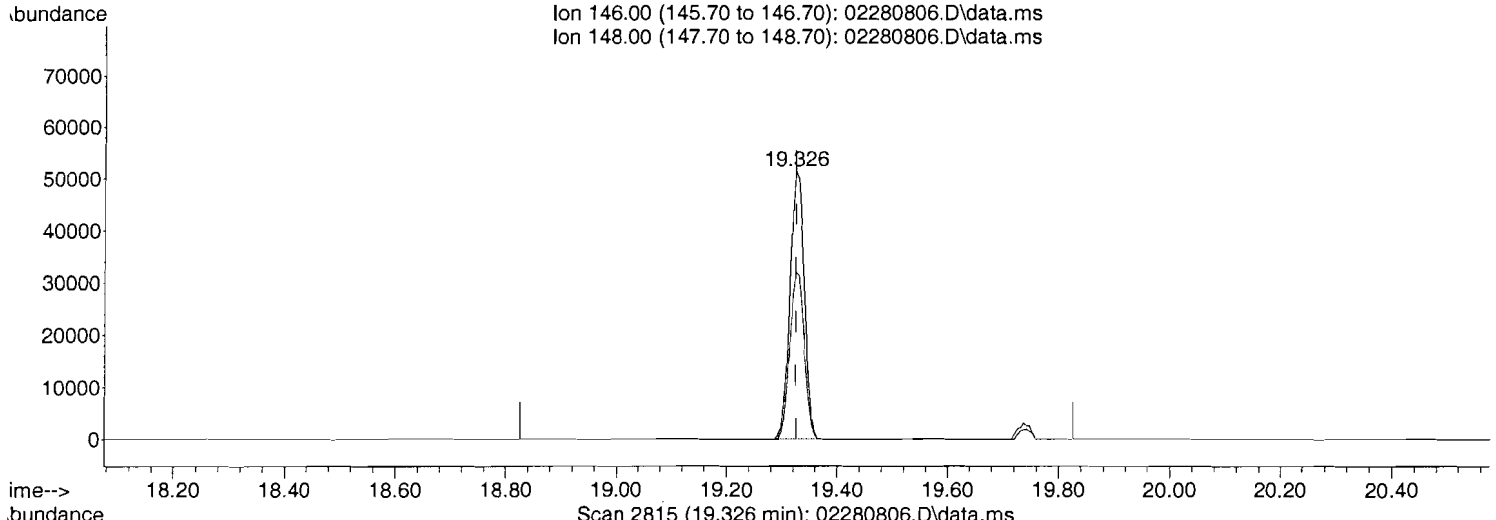
response 92543

Ion	Exp%	Act%
105.00	100	100
120.00	50.80	45.46
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : J:\MS08\Data\2008_02\28\
 Data File : 02280806.D
 Acq On : 28 Feb 2008 14:56
 Operator : SC
 Sample : P0800448-001 (400ml)
 Misc : Walden I-1 (0.1,3.5)
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 28 15:27:10 2008
 Quant Method : J:\MS08\Methods\R8022108.M
 Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 QLast Update : Fri Feb 22 09:32:02 2008
 Response via : Initial Calibration



(86) 1,4-Dichlorobenzene (T)

19.326min (+0.000) 1.91ng

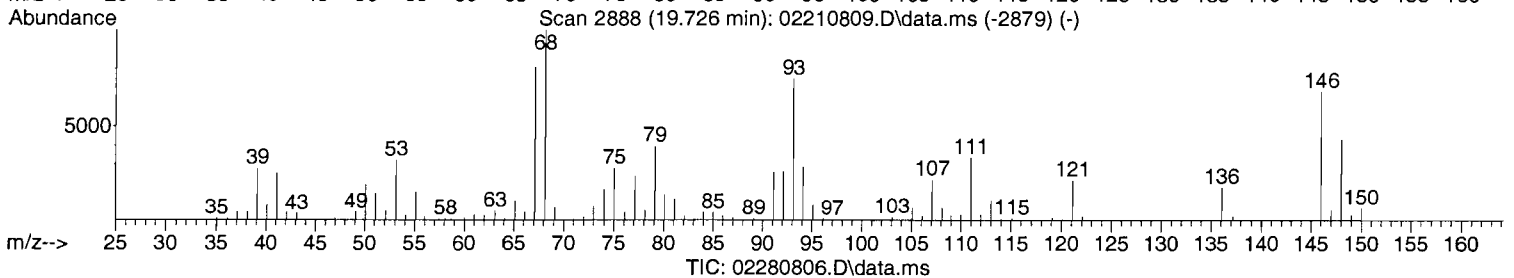
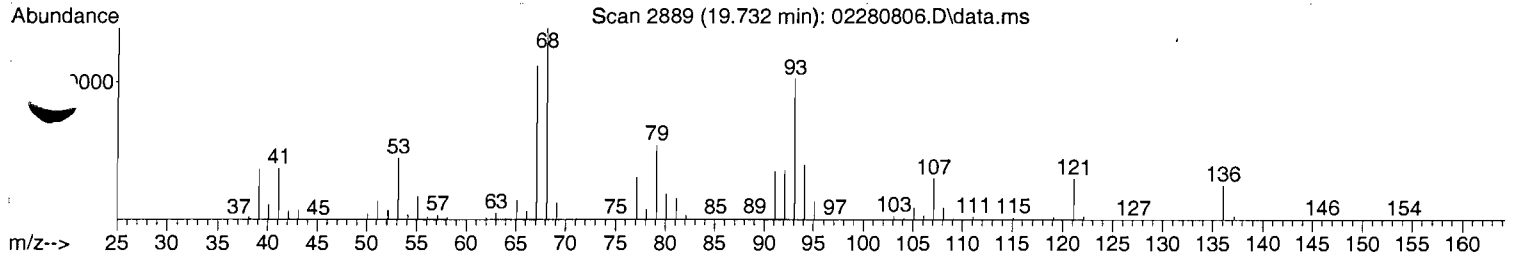
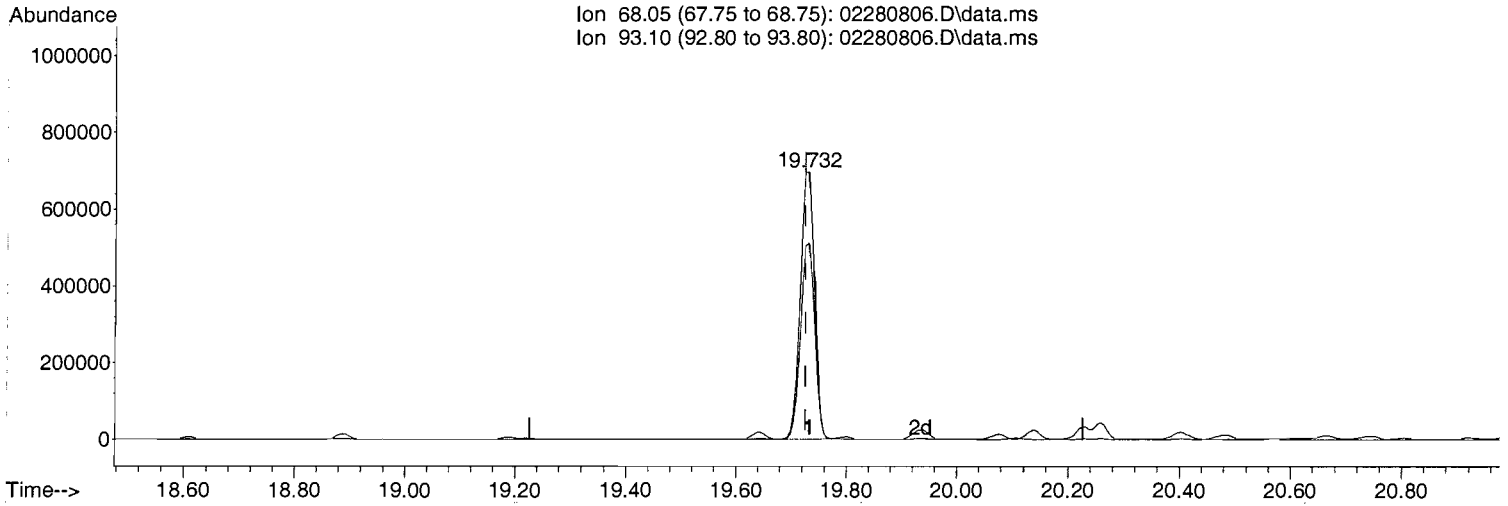
response 92587

Ion	Exp%	Act%
146.00	100	100
148.00	64.30	62.81
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : J:\MS08\Data\2008_02\28\
 Data File : 02280806.D
 Acq On : 28 Feb 2008 14:56
 Operator : SC
 Sample : P0800448-001 (400ml)
 sc : Walden I-1 (0.1,3.5)
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 28 15:27:10 2008
 Quant Method : J:\MS08\Methods\R8022108.M
 Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 QLast Update : Fri Feb 22 09:32:02 2008
 Response via : Initial Calibration



(91) d-Limonene (T)

19.732min (+0.006) 33.06ng

response 1201415

Ion	Exp%	Act%
68.05	100	100
93.10	70.20	74.12
0.00	0.00	0.00
0.00	0.00	0.00

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Page 2 of 3

Client: **Walden Environmental Engineering, PLLC**Client Sample ID: **O-1**Client Project ID: **Bayville Village Cleaners / BVC0106**

CAS Project ID: P0800448

CAS Sample ID: P0800448-002

Test Code: EPA TO-15

Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8

Analyst: Simon Cao

Sampling Media: 6.0 L Summa Canister

Test Notes:

Container ID: AC01035

Date Collected: 2/22/08

Date Received: 2/26/08

Date Analyzed: 2/28/08

Volume(s) Analyzed: 1.00 Liter(s)

Initial Pressure (psig): 1.3 Final Pressure (psig): 3.5

Canister Dilution Factor: 1.14

CAS #	Compound	Result µg/m ³	MRL µg/m ³	Result ppbV	MRL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	ND	0.57	ND	0.14	
141-78-6	Ethyl Acetate	1.2	0.57	0.33	0.16	
110-54-3	n-Hexane	2.0	0.57	0.56	0.16	
67-66-3	Chloroform	ND	0.57	ND	0.12	
109-99-9	Tetrahydrofuran (THF)	ND	0.57	ND	0.19	
107-06-2	1,2-Dichloroethane	ND	0.57	ND	0.14	
71-55-6	1,1,1-Trichloroethane	ND	0.57	ND	0.10	
71-43-2	Benzene	1.9	0.57	0.60	0.18	
56-23-5	Carbon Tetrachloride	ND	0.57	ND	0.091	
110-82-7	Cyclohexane	ND	0.57	ND	0.17	
78-87-5	1,2-Dichloropropane	ND	0.57	ND	0.12	
75-27-4	Bromodichloromethane	ND	0.57	ND	0.085	
79-01-6	Trichloroethene	ND	0.57	ND	0.11	
123-91-1	1,4-Dioxane	ND	0.57	ND	0.16	
80-62-6	Methyl Methacrylate	ND	0.57	ND	0.14	
142-82-5	n-Heptane	1.0	0.57	0.25	0.14	
10061-01-5	cis-1,3-Dichloropropene	ND	0.57	ND	0.13	
108-10-1	4-Methyl-2-pentanone	ND	0.57	ND	0.14	
10061-02-6	trans-1,3-Dichloropropene	ND	0.57	ND	0.13	
79-00-5	1,1,2-Trichloroethane	ND	0.57	ND	0.10	
108-88-3	Toluene	5.8	0.57	1.5	0.15	
591-78-6	2-Hexanone	ND	0.57	ND	0.14	
124-48-1	Dibromochloromethane	ND	0.57	ND	0.067	
106-93-4	1,2-Dibromoethane	ND	0.57	ND	0.074	
123-86-4	n-Butyl Acetate	ND	0.57	ND	0.12	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RG Date: 3/1/08

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Page 3 of 3

Client: Walden Environmental Engineering, PLLC
Client Sample ID: O-1
Client Project ID: Bayville Village Cleaners / BVC0106

CAS Project ID: P0800448
CAS Sample ID: P0800448-002

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Simon Cao
Sampling Media: 6.0 L Summa Canister
Test Notes:
Container ID: AC01035

Date Collected: 2/22/08
Date Received: 2/26/08
Date Analyzed: 2/28/08
Volume(s) Analyzed: 1.00 Liter(s)

Initial Pressure (psig): 1.3 Final Pressure (psig): 3.5

Canister Dilution Factor: 1.14

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
111-65-9	n-Octane	0.70	0.57	0.15	0.12	
127-18-4	Tetrachloroethene	ND	0.57	ND	0.084	
108-90-7	Chlorobenzene	ND	0.57	ND	0.12	
100-41-4	Ethylbenzene	1.3	0.57	0.31	0.13	
179601-23-1	m,p-Xylenes	5.0	1.1	1.2	0.26	
75-25-2	Bromoform	ND	0.57	ND	0.055	
100-42-5	Styrene	ND	0.57	ND	0.13	
100-47-6	o-Xylene	2.0	0.57	0.47	0.13	
111-84-2	n-Nonane	0.71	0.57	0.14	0.11	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.57	ND	0.083	
98-82-8	Cumene	ND	0.57	ND	0.12	
80-56-8	alpha-Pinene	ND	0.57	ND	0.10	
103-65-1	n-Propylbenzene	ND	0.57	ND	0.12	
622-96-8	4-Ethyltoluene	0.64	0.57	0.13	0.12	
108-67-8	1,3,5-Trimethylbenzene	0.60	0.57	0.12	0.12	
95-63-6	1,2,4-Trimethylbenzene	2.2	0.57	0.45	0.12	
100-44-7	Benzyl Chloride	ND	0.57	ND	0.11	
541-73-1	1,3-Dichlorobenzene	ND	0.57	ND	0.095	
106-46-7	1,4-Dichlorobenzene	ND	0.57	ND	0.095	
95-50-1	1,2-Dichlorobenzene	ND	0.57	ND	0.095	
5989-27-5	d-Limonene	ND	0.57	ND	0.10	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.57	ND	0.059	
120-82-1	1,2,4-Trichlorobenzene	ND	0.57	ND	0.077	
91-20-3	Naphthalene	ND	0.57	ND	0.11	
87-68-3	Hexachlorobutadiene	ND	0.57	ND	0.053	

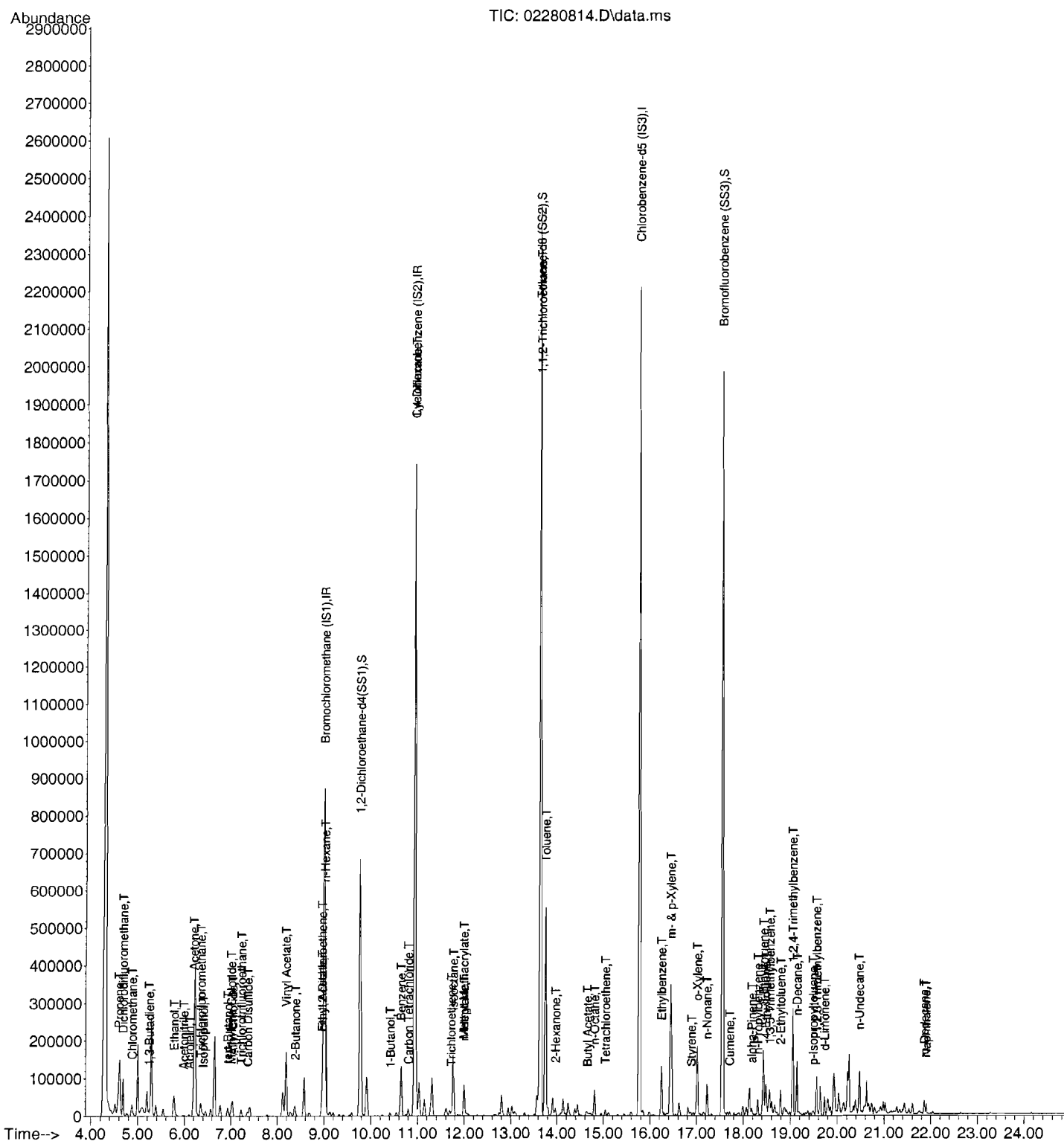
ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: Rer Date: 3/1/08

Data Path : J:\MS08\Data\2008_02\28\
Data File : 02280814.D
Acq On : 28 Feb 2008 20:03
Operator : SC
Sample : P0800448-002 (1000ml)
Misc : Walden O-1 (1.3,3.5)
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 29 08:49:37 2008
Quant Method : J:\MS08\Methods\R8022108.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Fri Feb 22 09:32:02 2008
Response via : Initial Calibration



Data Path : J:\MS08\Data\2008_02\28\
 Data File : 02280814.D
 Acq On : 28 Feb 2008 20:03
 Operator : SC
 Sample : P0800448-002 (1000ml)
 Inlet : Walden O-1 (1.3,3.5)
 Vial : 7 Sample Multiplier: 1

Quant Time: Feb 29 08:49:37 2008
 Quant Method : J:\MS08\Methods\R8022108.M
 Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 QLast Update : Fri Feb 22 09:32:02 2008
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane (IS1)	9.00	130	321257	25.000	ng	0.00
37) 1,4-Difluorobenzene (IS2)	10.94	114	1568181	25.000	ng	0.00
56) Chlorobenzene-d5 (IS3)	15.77	82	888347	25.000	ng	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4(...)	9.77	65	654543	22.077	ng	0.00
Spiked Amount	25.000		Recovery	=	88.32%	✓
57) Toluene-d8 (SS2)	13.64	98	1836577	25.009	ng	0.00
Spiked Amount	25.000		Recovery	=	100.04%	✓
73) Bromofluorobenzene (SS3)	17.55	174	641307	24.958	ng	0.00
Spiked Amount	25.000		Recovery	=	99.84%	✓

Target Compounds					Qvalue	
2) Propene	4.60	42	41039	1.412 ng	#	66
3) Dichlorodifluoromethane	4.68	85	95696	2.108 ng		97
4) Chloromethane	4.87	50	32400	0.657 ng		97
5) Freon 114	0.00	135	0	N.D.		
6) Vinyl Chloride	0.00	62	0	N.D.		
7) 1,3-Butadiene	5.24	54	5870	0.169 ng	#	31
8) Bromomethane	0.00	94	0	N.D.		
9) Chloroethane	0.00	64	0	N.D.		
10) Ethanol	5.77	45	81275	4.210 ng		99
11) Acetonitrile	5.98	41	4051	0.072 ng		87
12) Acrolein	6.10	56	5628	0.367 ng		100
13) Acetone	6.20	58	91478	3.916 ng	#	33
14) Trichlorofluoromethane	6.35	101	35502	1.071 ng		99
15) Isopropanol	6.39	45	20791	0.297 ng	#	61
16) Acrylonitrile	6.56	53	985	N.D.		
17) 1,1-Dichloroethene	0.00	96	0	N.D.		
18) tert-Butanol	6.93	59	17218	0.244 ng	#	72
19) Methylene Chloride	7.01	84	4533	0.222 ng	#	26
20) Allyl Chloride	7.04	41	10934	0.291 ng	#	40
21) Trichlorotrifluoroethane	7.22	151	7481	0.487 ng		98
22) Carbon Disulfide	7.36	76	25576	0.287 ng		87
23) trans-1,2-Dichloroethene	0.00	61	0	N.D.		
24) 1,1-Dichloroethane	0.00	63	0	N.D.		
25) Methyl tert-Butyl Ether	8.07	73	1161	N.D.		
26) Vinyl Acetate	8.18	86	2867	1.021 ng	#	1
27) 2-Butanone	8.38	72	8208	0.638 ng	#	8
28) cis-1,2-Dichloroethene	8.96	61	8759	0.260 ng	#	11
29) Diisopropyl Ether	0.00	87	0	N.D.		
30) Ethyl Acetate	8.96	61	8759	1.050 ng	#	71
31) n-Hexane	9.02	57	85516	1.722 ng		90
32) Chloroform	0.00	83	0	N.D.		
34) Tetrahydrofuran	0.00	72	0	N.D.		
35) Ethyl tert-Butyl Ether	0.00	87	0	N.D.		
36) 1,2-Dichloroethane	0.00	62	0	N.D.		
38) 1,1,1-Trichloroethane	10.16	97	1536	N.D.		
39) Isopropyl Acetate	0.00	61	0	N.D.		
40) 1-Butanol	10.42	56	6697	0.225 ng	#	65
41) Benzene	10.65	78	133798	1.674 ng		99
42) Carbon Tetrachloride	10.81	117	14109	0.430 ng		99
43) Cyclohexane	10.94	84	13300	0.386 ng	#	1
44) tert-Amyl Methyl Ether	0.00	73	0	N.D.		
45) 1,2-Dichloropropane	0.00	63	0	N.D.		
46) Bromodichloromethane	11.69	83	942	N.D.		

3/7/08

Data Path : J:\MS08\Data\2008_02\28\
 Data File : 02280814.D
 Acq On : 28 Feb 2008 20:03
 Operator : SC
 Sample : P0800448-002 (1000ml)
 Misc : Walden O-1 (1.3,3.5)
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 29 08:49:37 2008

Quant Method : J:\MS08\Methods\R8022108.M

Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)

QLast Update : Fri Feb 22 09:32:02 2008

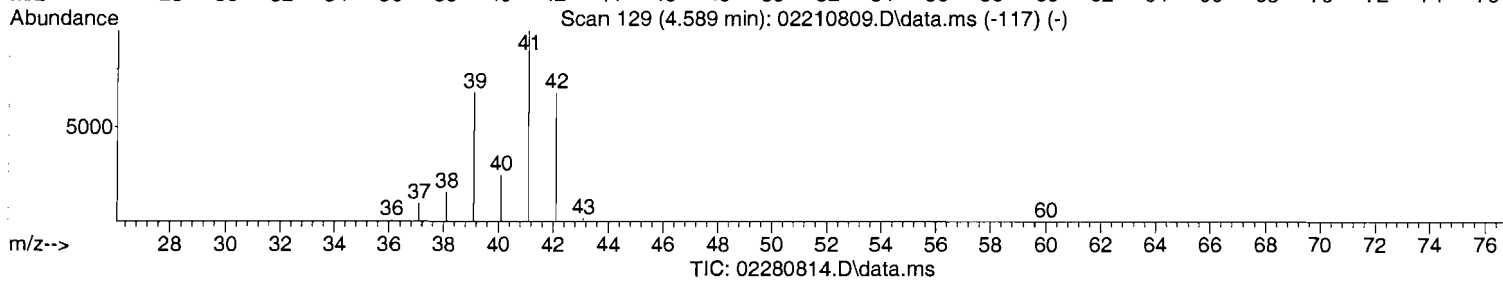
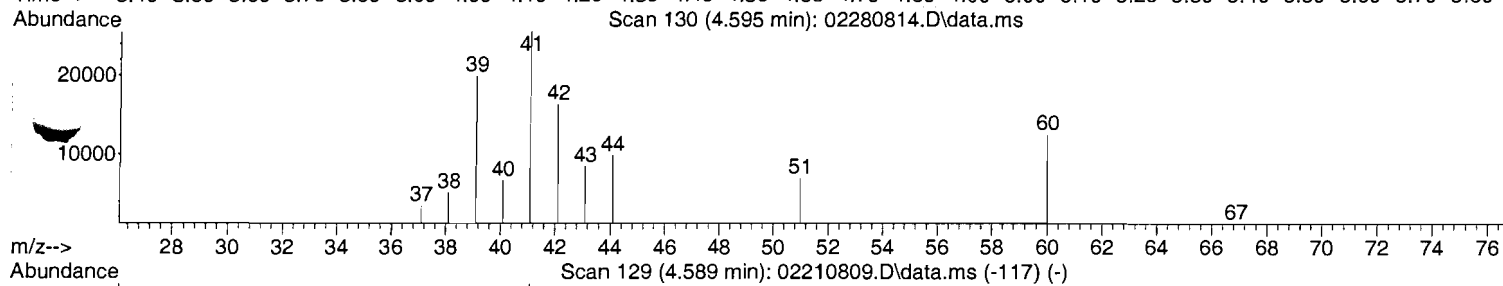
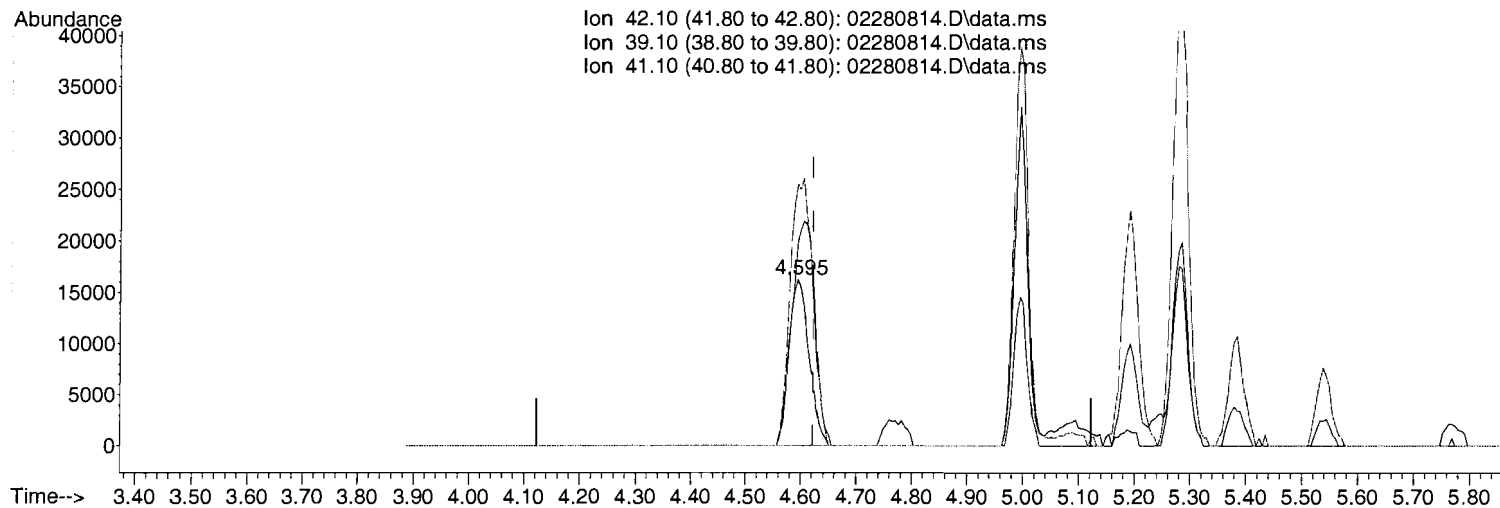
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) Trichloroethene	11.73	130	2541	0.139 ng	#	74
48) 1,4-Dioxane	0.00	88	0	N.D.		
49) Isooctane	11.77	57	166686	1.311 ng		95
50) Methyl Methacrylate	12.00	100	5119	0.596 ng	#R	1
51) n-Heptane	12.00	71	19006	0.908 ng	#	69
52) cis-1,3-Dichloropropene	0.00	75	0	N.D.		
53) 4-Methyl-2-pentanone	0.00	58	0	N.D.		
54) trans-1,3-Dichloropropene	0.00	75	0	N.D.		
55) 1,1,2-Trichloroethane	13.65	97	161978	8.743 ng	# ²	7
58) Toluene	13.75	91	428298	5.047 ng		98
59) 2-Hexanone	13.97	43	15514	0.226 ng	#	33
60) Dibromochloromethane	0.00	129	0	N.D.		
61) 1,2-Dibromoethane	0.00	107	0	N.D.		
62) Butyl Acetate	14.65	43	7619	0.110 ng	#	43
63) n-Octane	14.80	57	15221	0.611 ng		80
64) Tetrachloroethene	15.04	166	6187	0.285 ng		98
65) Chlorobenzene	15.85	112	860	N.D.		
66) Ethylbenzene	16.24	91	120008	1.180 ng		97
67) m- & p-Xylene	16.44	91	302017	4.407 ng		99
68) Bromoform	0.00	173	0	N.D.		
69) Styrene	16.88	104	7718	0.127 ng		92
70) o-Xylene	17.02	91	130820	1.780 ng		98
71) n-Nonane	17.22	43	38424	0.626 ng		92
72) 1,1,2,2-Tetrachloroethane	17.07	83	524	N.D.		
74) Cumene	17.71	105	10768	0.116 ng		90
75) alpha-Pinene	18.18	93	4712	0.093 ng	#	45
76) n-Propylbenzene	18.31	91	43210	0.368 ng		99
77) 3-Ethyltoluene	18.43	105	119179	1.187 ng		98
78) 4-Ethyltoluene	18.48	105	52532	0.565 ng		100
79) 1,3,5-Trimethylbenzene	18.56	105	44265	0.527 ng		99
80) alpha-Methylstyrene	19.00	118	2048	N.D.		
81) 2-Ethyltoluene	18.79	105	50609	0.512 ng		100
82) 1,2,4-Trimethylbenzene	19.05	105	163188	1.951 ng		91
83) n-Decane	19.14	57	62997	0.975 ng		78
84) Benzyl Chloride	19.33	91	2002	N.D.		
85) 1,3-Dichlorobenzene	19.32	146	675	N.D.		
86) 1,4-Dichlorobenzene	19.32	146	675	N.D.		
87) sec-Butylbenzene	19.38	105	5095	N.D.		
88) p-Isopropyltoluene	19.48	119	7364	0.084 ng		89
89) 1,2,3-Trimethylbenzene	19.56	105	43591	0.532 ng		93
90) 1,2-Dichlorobenzene	0.00	146	0	N.D.		
91) d-Limonene	19.73	68	11576	0.355 ng		99
92) 1,2-Dibromo-3-Chloropr...	0.00	157	0	N.D.		
93) n-Undecane	20.47	57	37435	0.555 ng		85
94) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.		
95) Naphthalene	21.90	128	25319	0.252 ng		99
96) n-Dodecane	21.86	57	16205	0.252 ng	#	75
97) Hexachloro-1,3-butadiene	0.00	225	0	N.D.		

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

Data Path : J:\MS08\Data\2008_02\28\
Data File : 02280814.D
Acq On : 28 Feb 2008 20:03
Operator : SC
Sample : P0800448-002 (1000ml)
Misc : Walden O-1 (1.3,3.5)
S Vial : 7 Sample Multiplier: 1

Quant Time: Feb 29 08:49:37 2008
Quant Method : J:\MS08\Methods\R8022108.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Fri Feb 22 09:32:02 2008
Response via : Initial Calibration



(2) Propene (T)

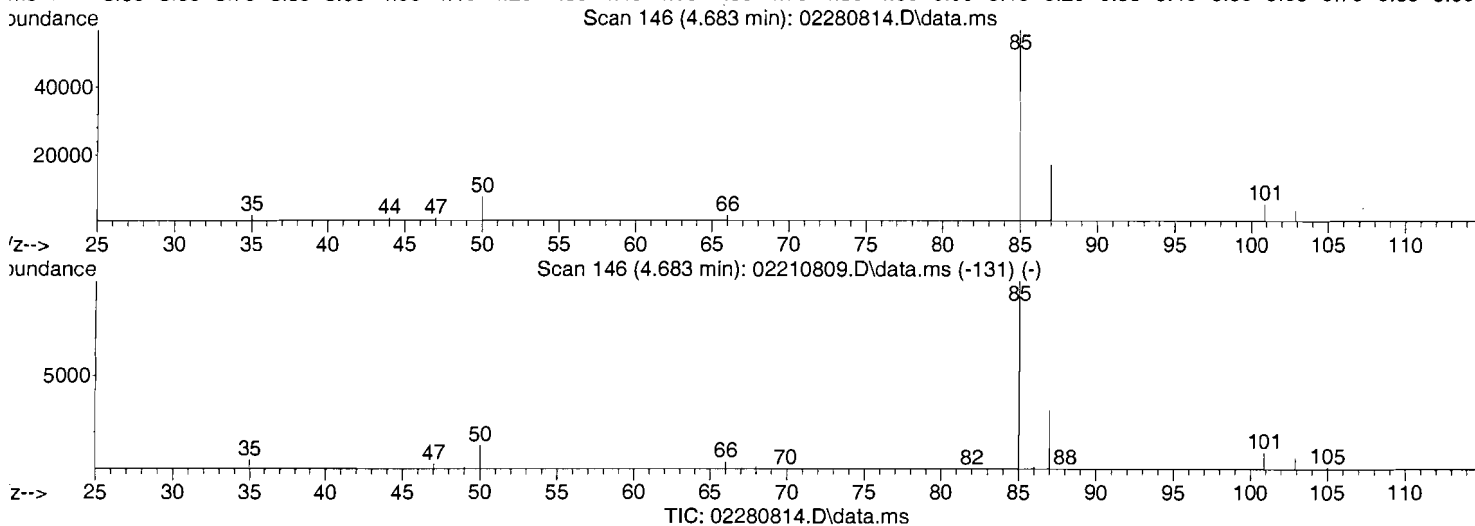
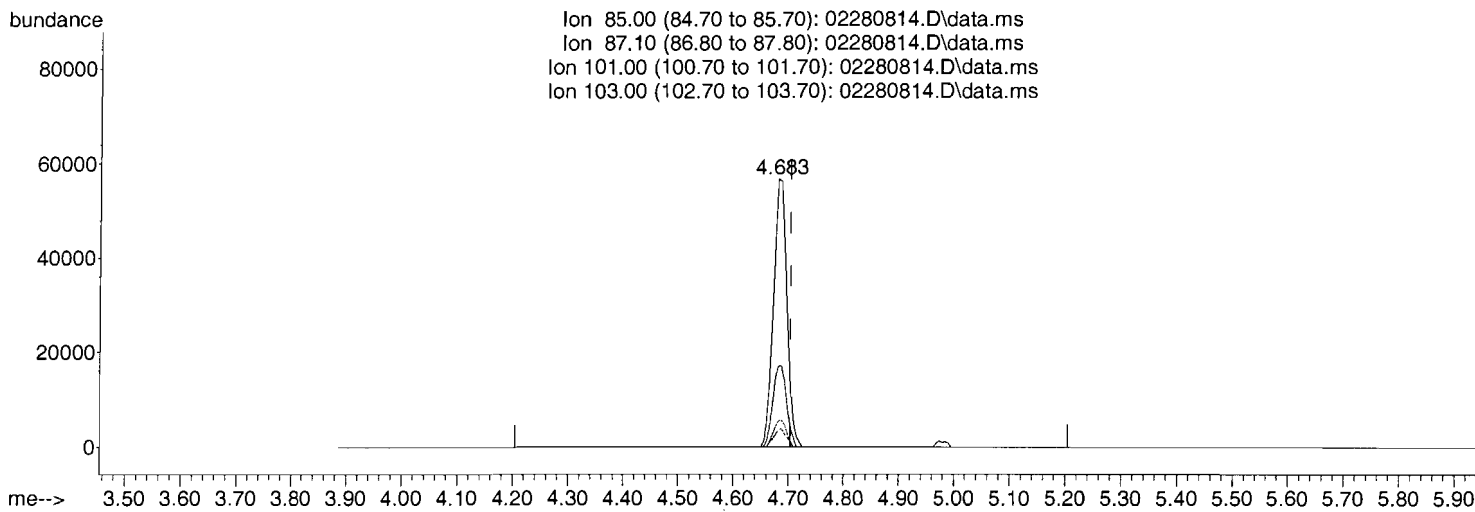
4.595min (-0.027) 1.41ng

response 41039

Ion	Exp%	Act%
42.10	100	100
39.10	104.00	151.66#
41.10	148.40	179.40#
0.00	0.00	0.00

Data Path : J:\MS08\Data\2008_02\28\
Data File : 02280814.D
Acq On : 28 Feb 2008 20:03
Operator : SC
Sample : P0800448-002 (1000ml)
Misc : Walden O-1 (1.3,3.5)
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 29 08:49:37 2008
Quant Method : J:\MS08\Methods\R8022108.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Fri Feb 22 09:32:02 2008
Response via : Initial Calibration



(3) Dichlorodifluoromethane (T)

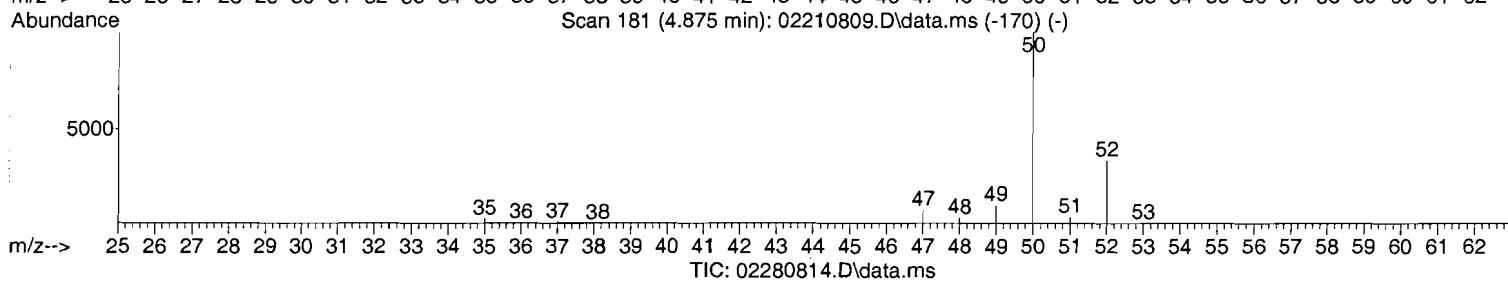
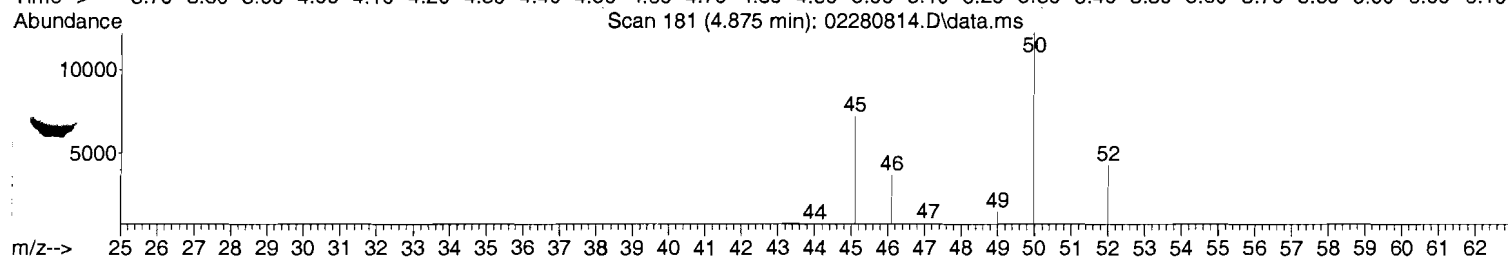
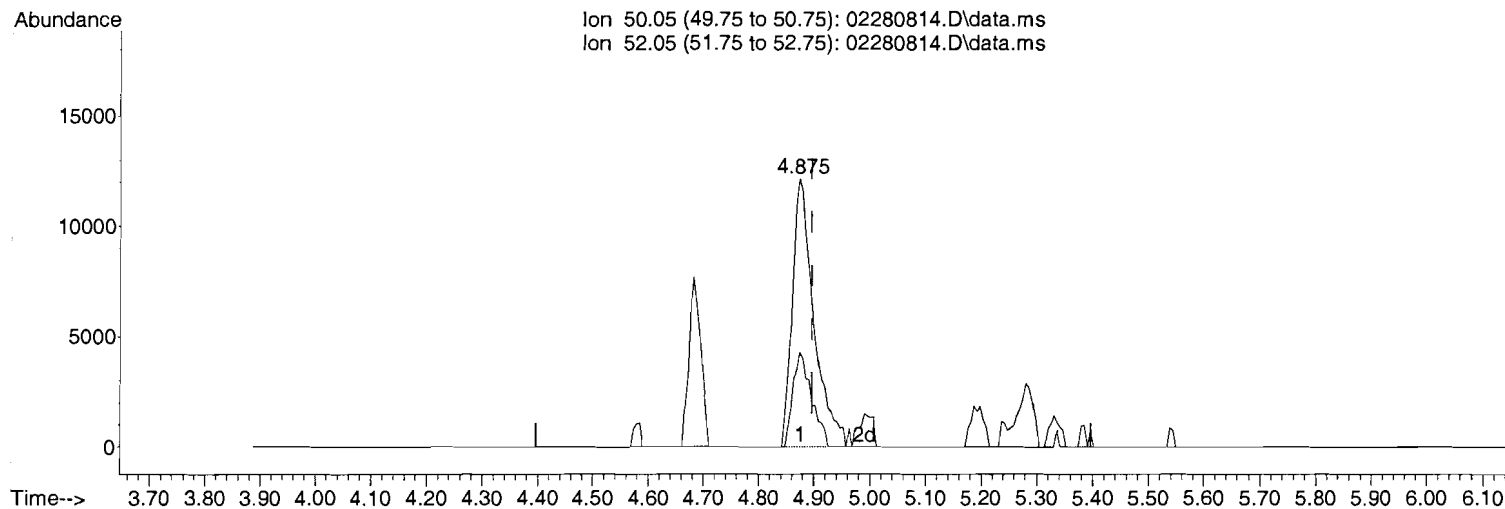
4.683min (-0.022) 2.11ng

response 95696

Ion	Exp%	Act%
85.00	100	100
87.10	32.60	30.89
101.00	8.50	9.58
103.00	5.60	6.27

Data Path : J:\MS08\Data\2008_02\28\
Data File : 02280814.D
Acq On : 28 Feb 2008 20:03
Operator : SC
Sample : P0800448-002 (1000ml)
sc : Walden O-1 (1.3,3.5)
S Vial : 7 Sample Multiplier: 1

Quant Time: Feb 29 08:49:37 2008
Quant Method : J:\MS08\Methods\R8022108.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Fri Feb 22 09:32:02 2008
Response via : Initial Calibration



(4) Chloromethane (T)

4.875min (-0.022) 0.66ng

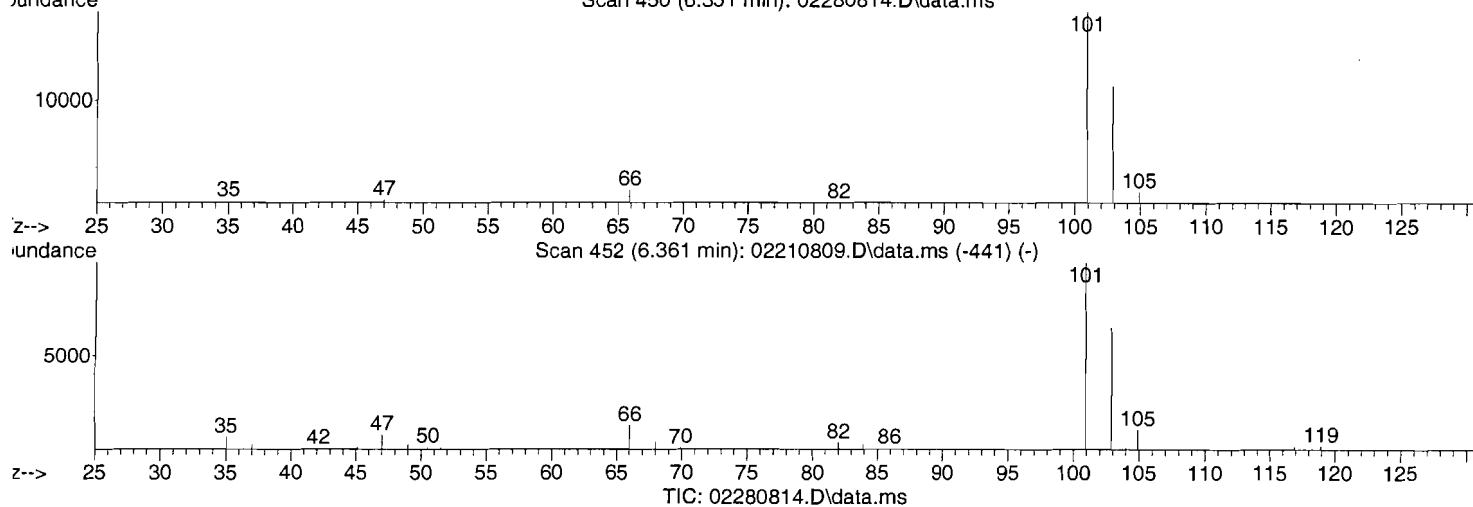
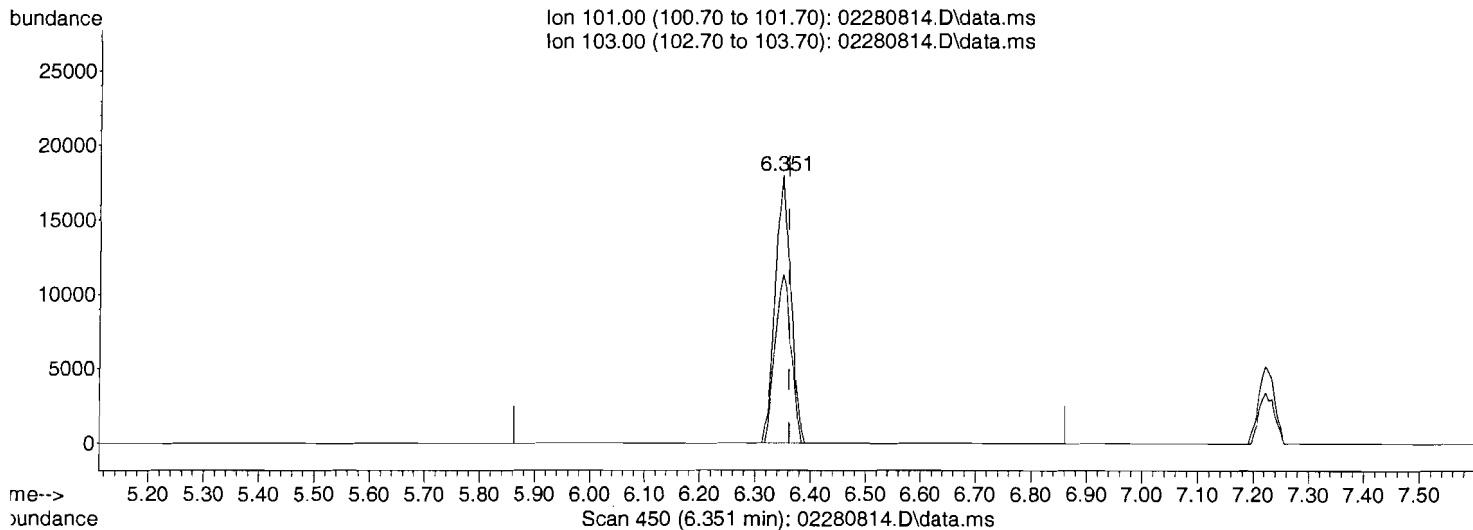
response 32400

Ion	Exp%	Act%
50.05	100	100
52.05	32.40	30.66
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : J:\MS08\Data\2008_02\28\
 Data File : 02280814.D
 Acq On : 28 Feb 2008 20:03
 Operator : SC
 Sample : P0800448-002 (1000ml)
 Misc : Walden O-1 (1.3,3.5)
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 29 08:49:37 2008
 Quant Method : J:\MS08\Methods\R8022108.M
 Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 QLast Update : Fri Feb 22 09:32:02 2008
 Response via : Initial Calibration



(14) Trichlorofluoromethane (T)

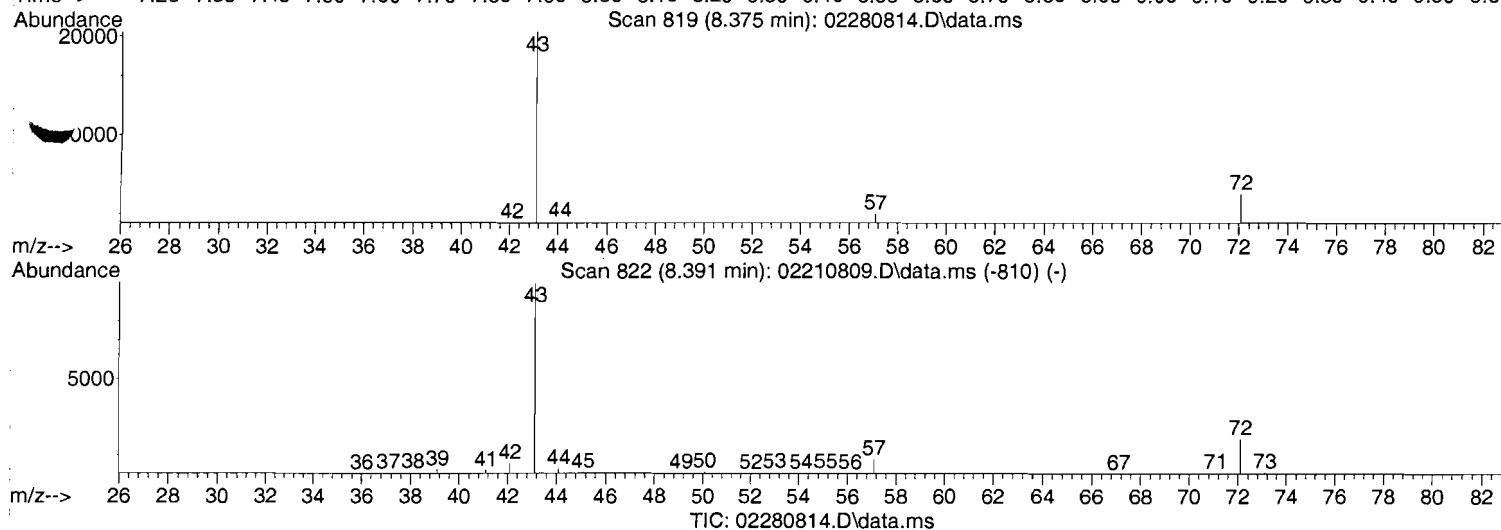
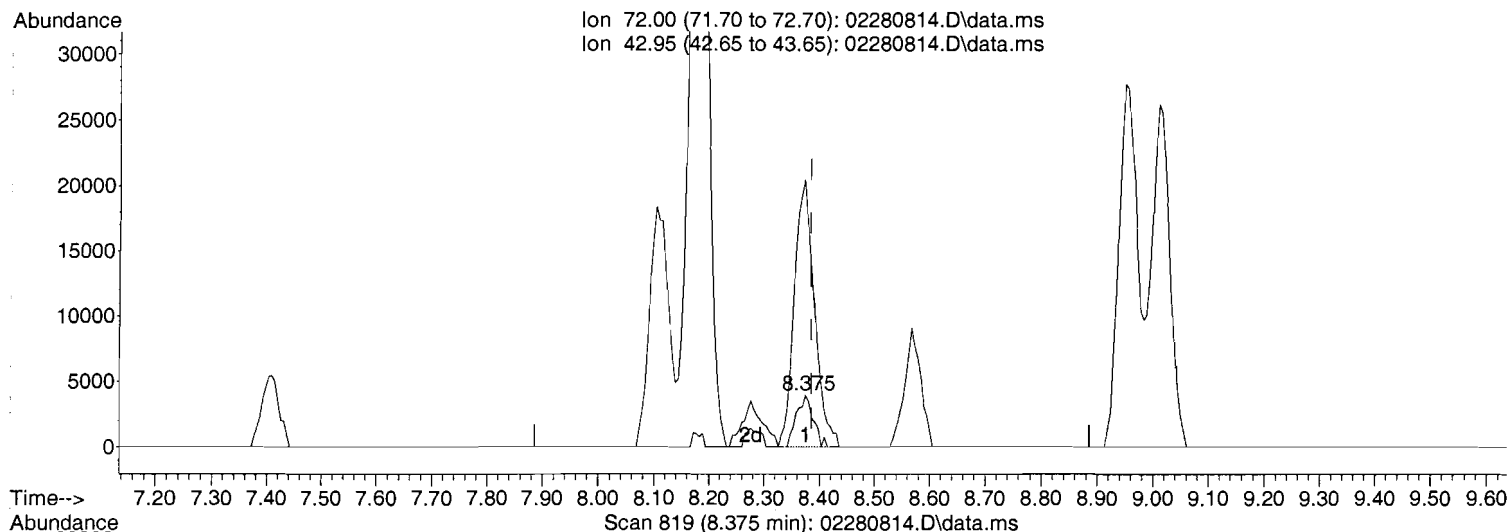
6.351min (-0.011) 1.07ng

response 35502

Ion	Exp%	Act%
101.00	100	100
103.00	64.50	63.93
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : J:\MS08\Data\2008_02\28\
Data File : 02280814.D
Acq On : 28 Feb 2008 20:03
Operator : SC
Sample : P0800448-002 (1000ml)
Misc : Walden O-1 (1.3,3.5)
S Vial : 7 Sample Multiplier: 1

Quant Time: Feb 29 08:49:37 2008
Quant Method : J:\MS08\Methods\R8022108.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Fri Feb 22 09:32:02 2008
Response via : Initial Calibration



(27) 2-Butanone (T)

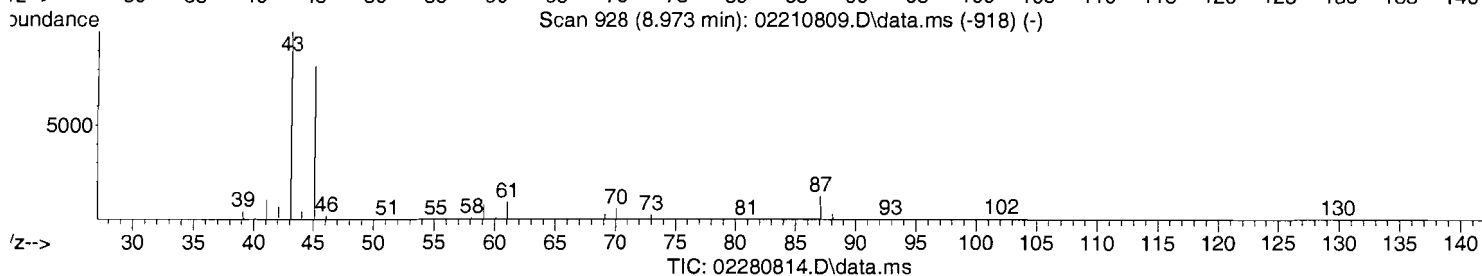
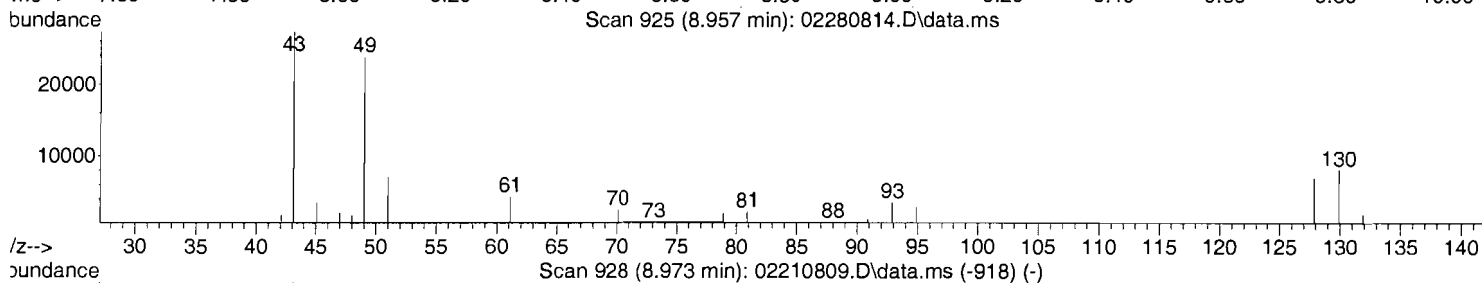
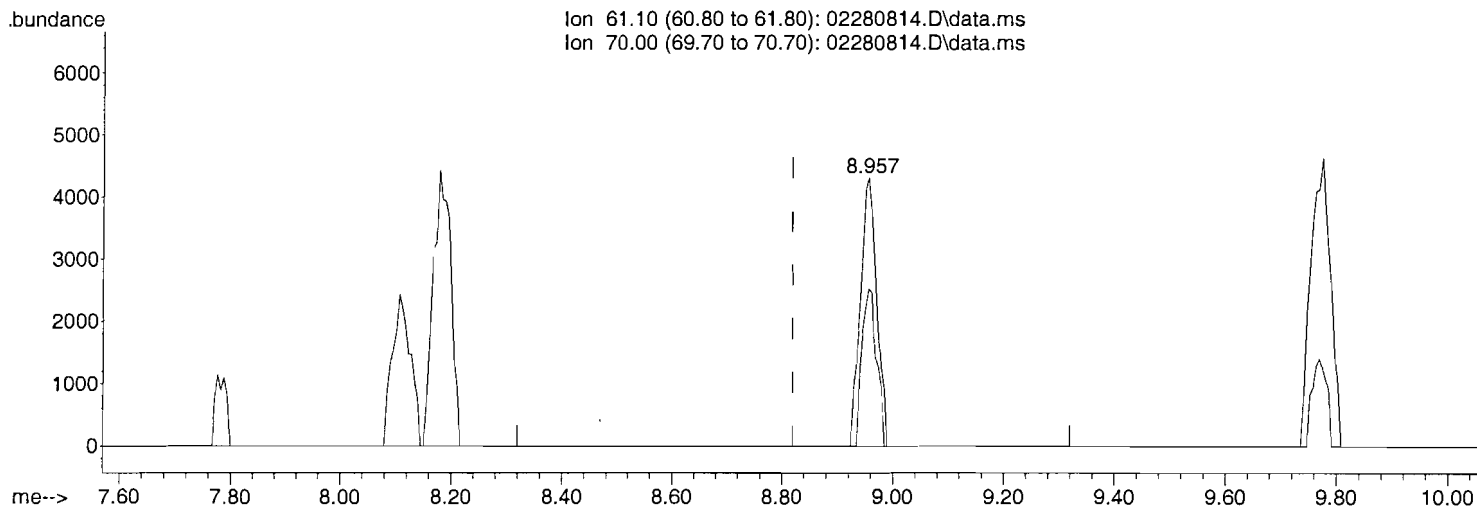
8.375min (-0.011) 0.64ng

response 8208

Ion	Exp%	Act%
72.00	100	100
42.95	401.50	620.85#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : J:\MS08\Data\2008_02\28\
Data File : 02280814.D
Acq On : 28 Feb 2008 20:03
Operator : SC
Sample : P0800448-002 (1000ml)
Misc : Walden O-1 (1.3,3.5)
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 29 08:49:37 2008
Quant Method : J:\MS08\Methods\R8022108.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Fri Feb 22 09:32:02 2008
Response via : Initial Calibration



(30) Ethyl Acetate (T)

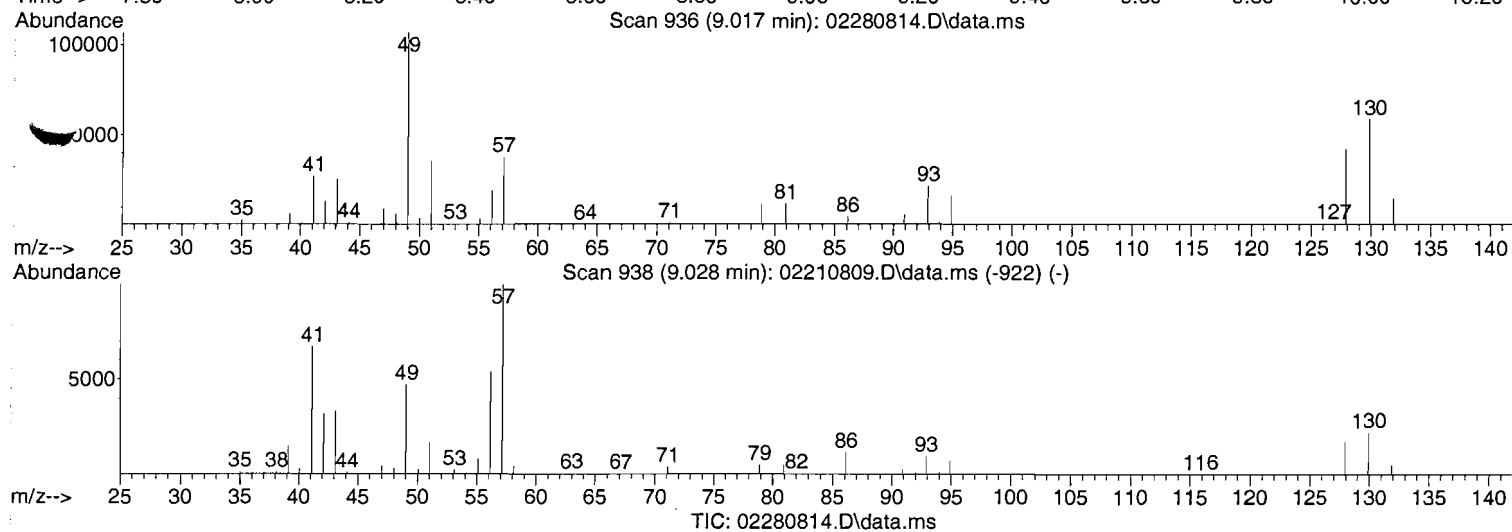
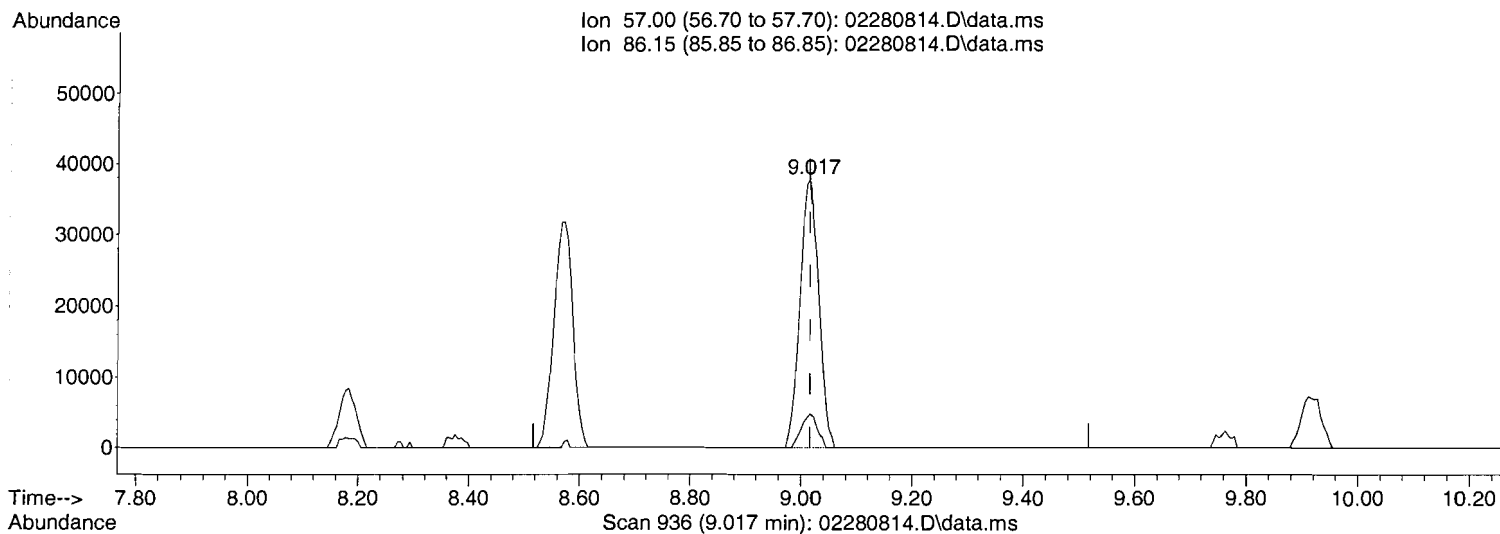
8.957min (+0.138) 1.05ng

response 8759

Ion	Exp%	Act%
61.10	100	100
70.00	77.80	52.40#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : J:\MS08\Data\2008_02\28\
Data File : 02280814.D
Acq On : 28 Feb 2008 20:03
Operator : SC
Sample : P0800448-002 (1000ml)
Vial : Walden O-1 (1.3,3.5)
S Vial : 7 Sample Multiplier: 1

Quant Time: Feb 29 08:49:37 2008
Quant Method : J:\MS08\Methods\R8022108.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Fri Feb 22 09:32:02 2008
Response via : Initial Calibration



(31) n-Hexane (T)

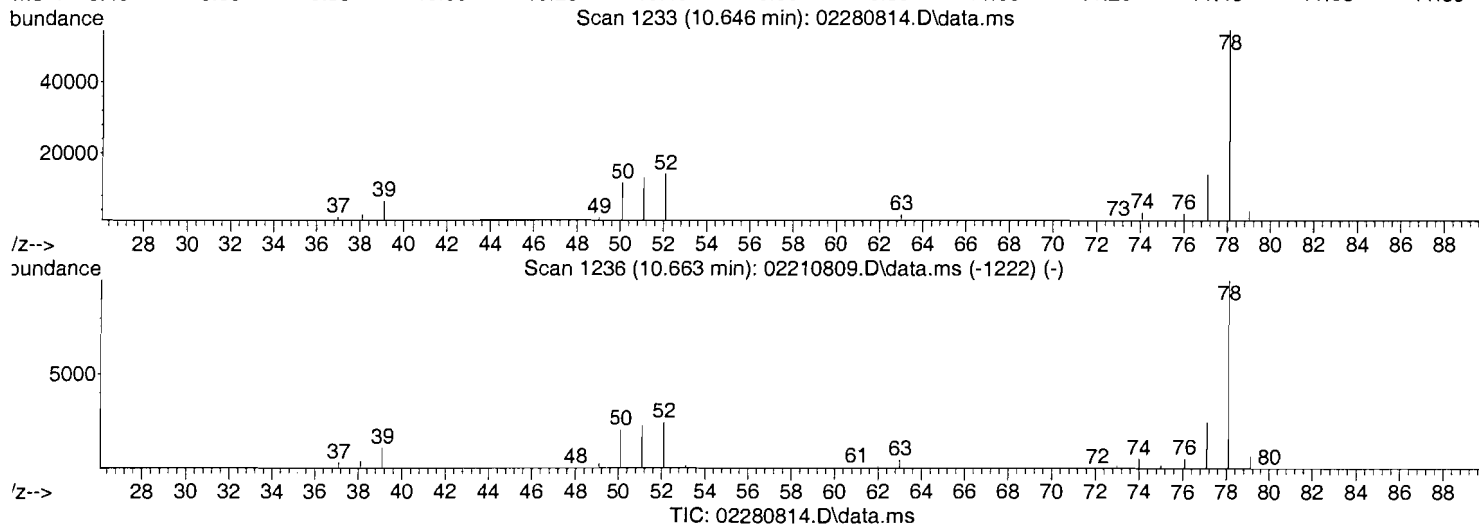
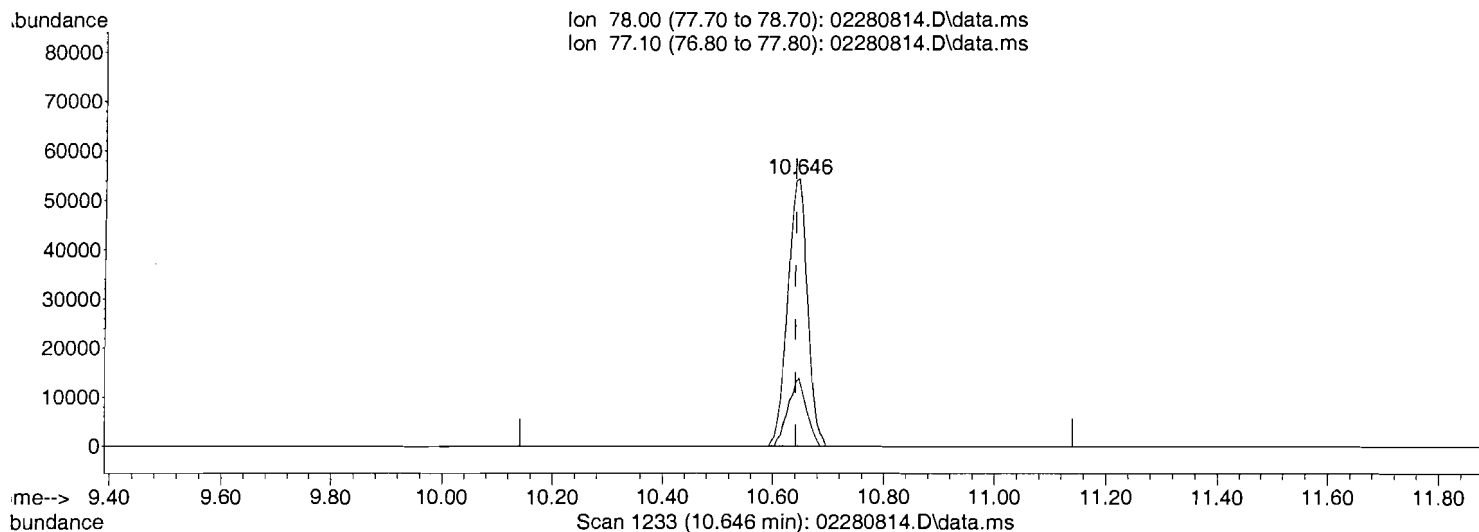
9.017min (+0.000) 1.72ng

response 85516

Ion	Exp%	Act%
57.00	100	100
86.15	15.10	10.83
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : J:\MS08\Data\2008_02\28\
Data File : 02280814.D
Acq On : 28 Feb 2008 20:03
Operator : SC
Sample : P0800448-002 (1000ml)
Misc : Walden O-1 (1.3,3.5)
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 29 08:49:37 2008
Quant Method : J:\MS08\Methods\R8022108.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Fri Feb 22 09:32:02 2008
Response via : Initial Calibration



(41) Benzene (T)

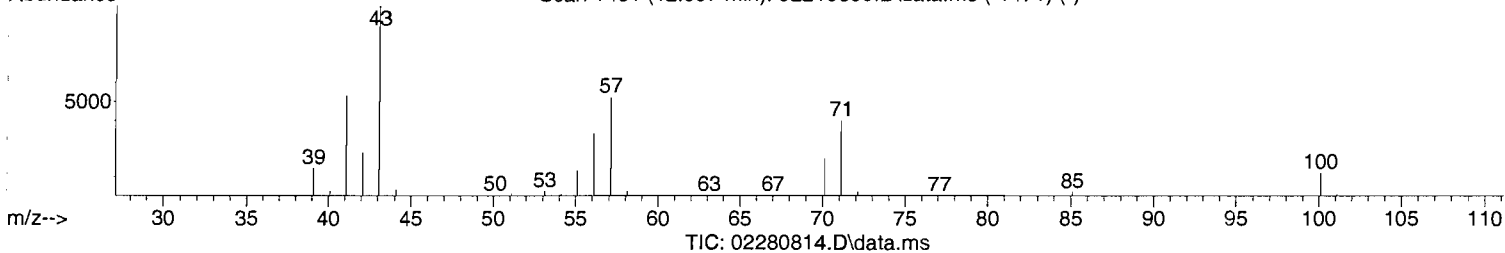
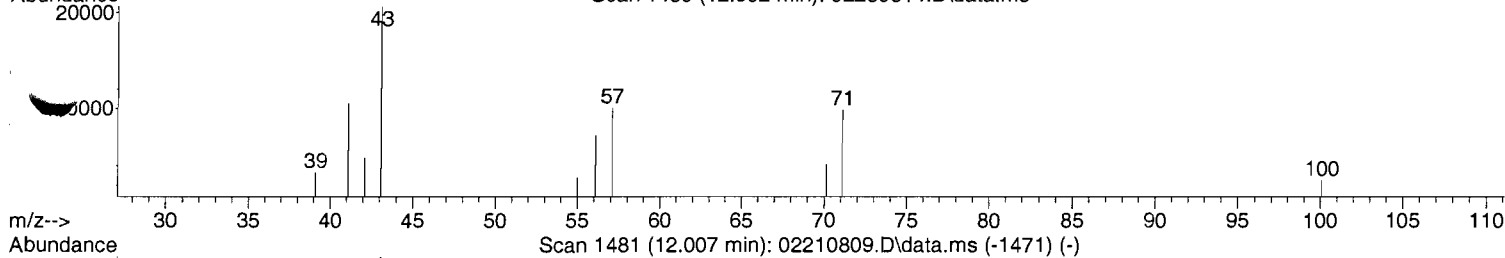
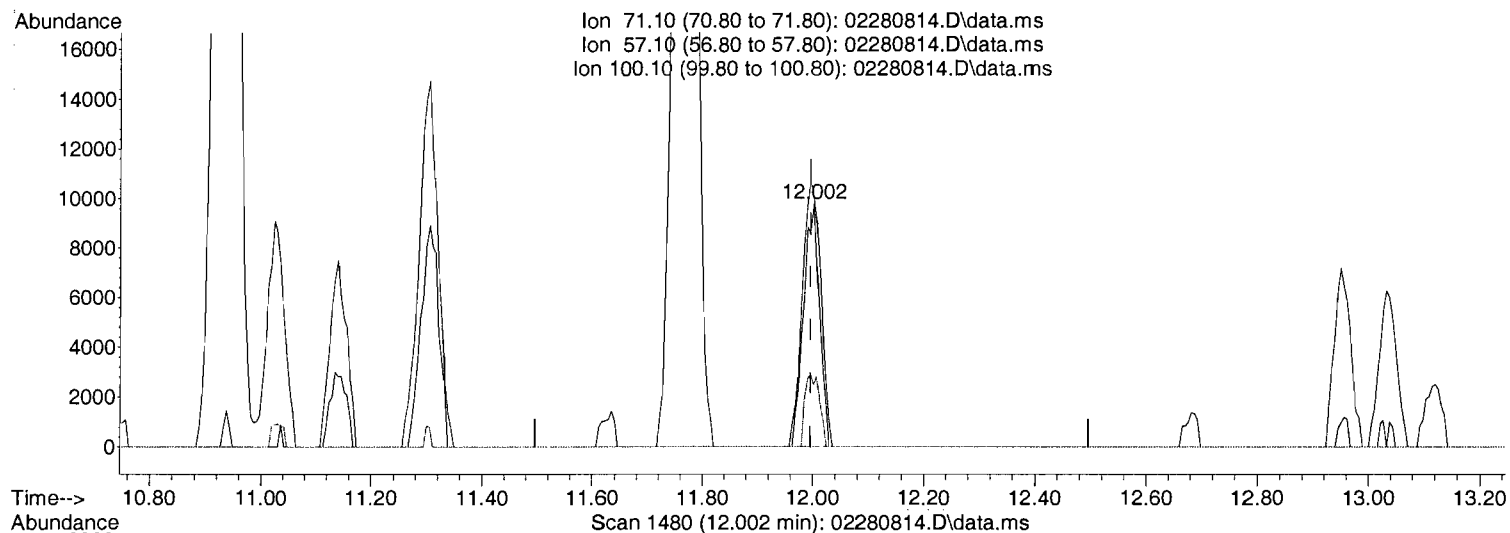
10.646min (+0.006) 1.67ng

response 133798

Ion	Exp%	Act%
78.00	100	100
77.10	23.90	23.62
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : J:\MS08\Data\2008_02\28\
Data File : 02280814.D
Acq On : 28 Feb 2008 20:03
Operator : SC
Sample : P0800448-002 (1000ml)
sc : Walden O-1 (1.3,3.5)
S Vial : 7 Sample Multiplier: 1

Quant Time: Feb 29 08:49:37 2008
Quant Method : J:\MS08\Methods\R8022108.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Fri Feb 22 09:32:02 2008
Response via : Initial Calibration



(51) n-Heptane (T)

12.002min (+0.006) 0.91ng

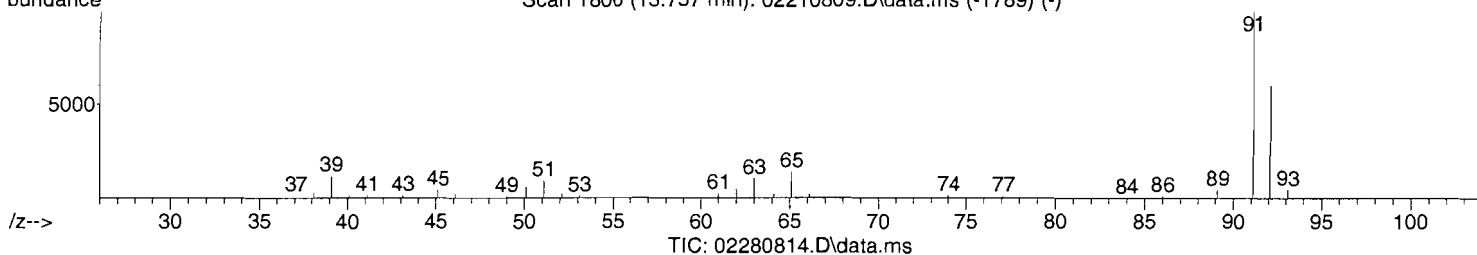
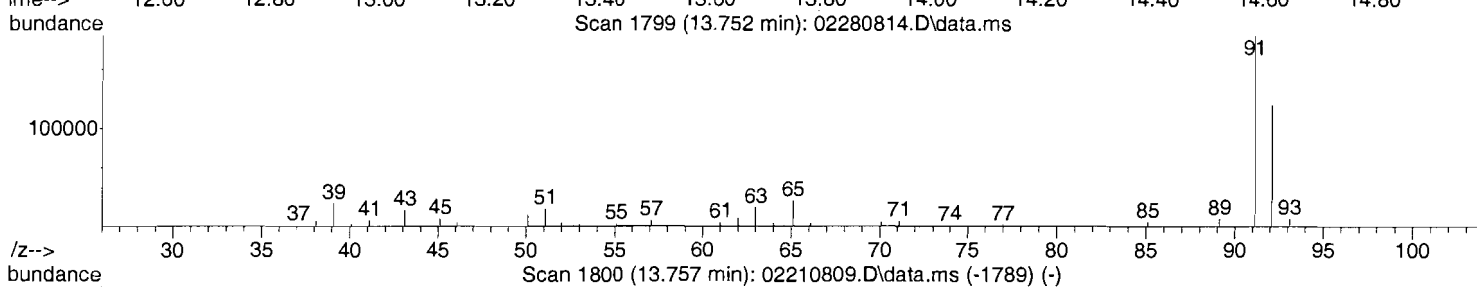
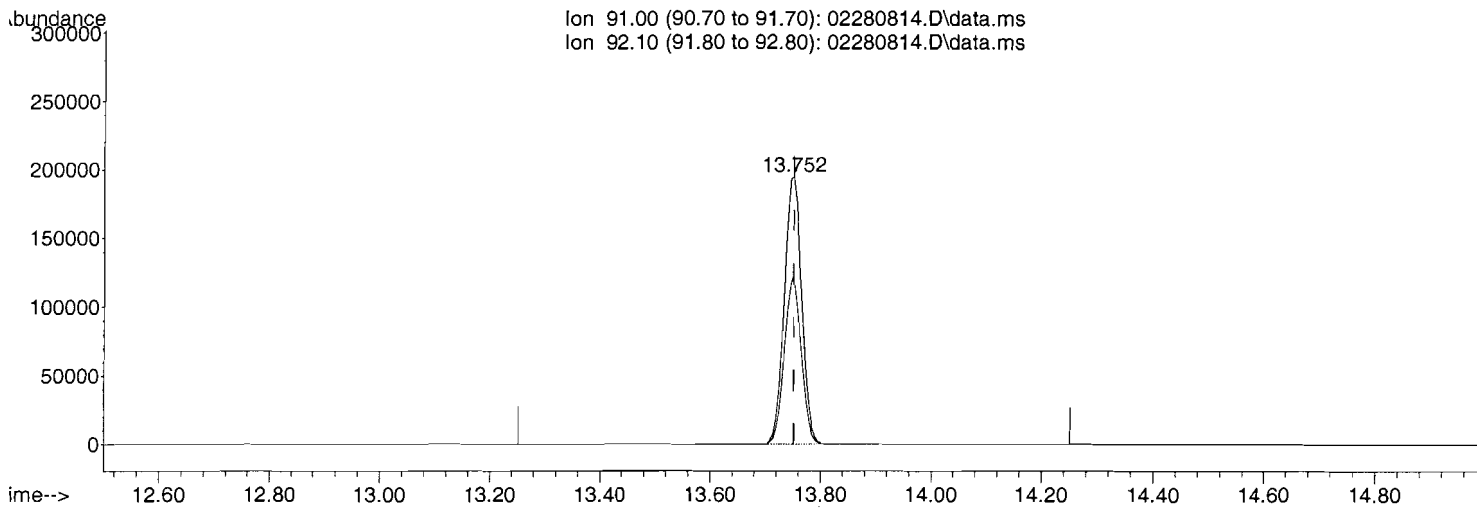
response 19006

Ion	Exp%	Act%
71.10	100	100
57.10	90.30	127.75#
100.10	26.30	26.93
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : J:\MS08\Data\2008_02\28\
 Data File : 02280814.D
 Acq On : 28 Feb 2008 20:03
 Operator : SC
 Sample : P0800448-002 (1000ml)
 Misc : Walden O-1 (1.3,3.5)
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 29 08:49:37 2008
 Quant Method : J:\MS08\Methods\R8022108.M
 Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 QLast Update : Fri Feb 22 09:32:02 2008
 Response via : Initial Calibration



TIC: 02280814.D\data.ms

(58) Toluene (T)

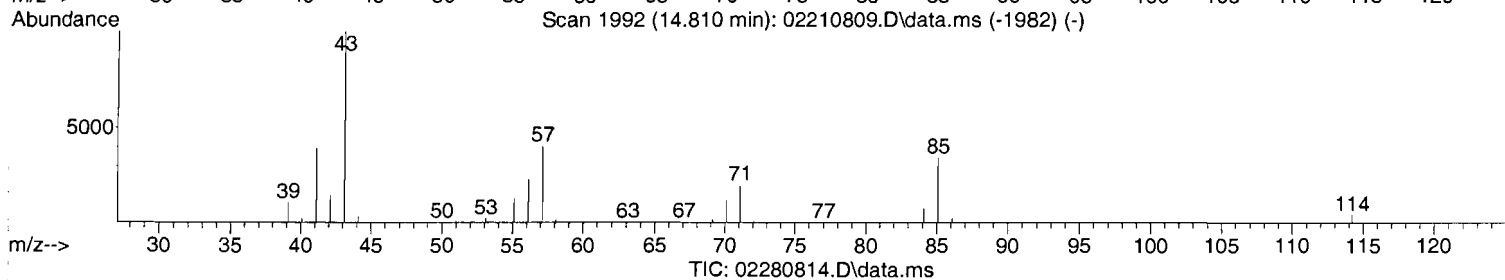
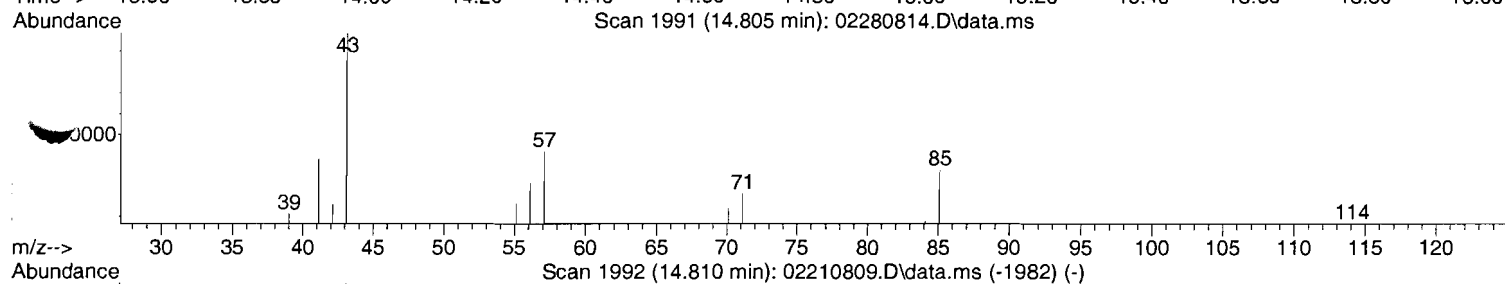
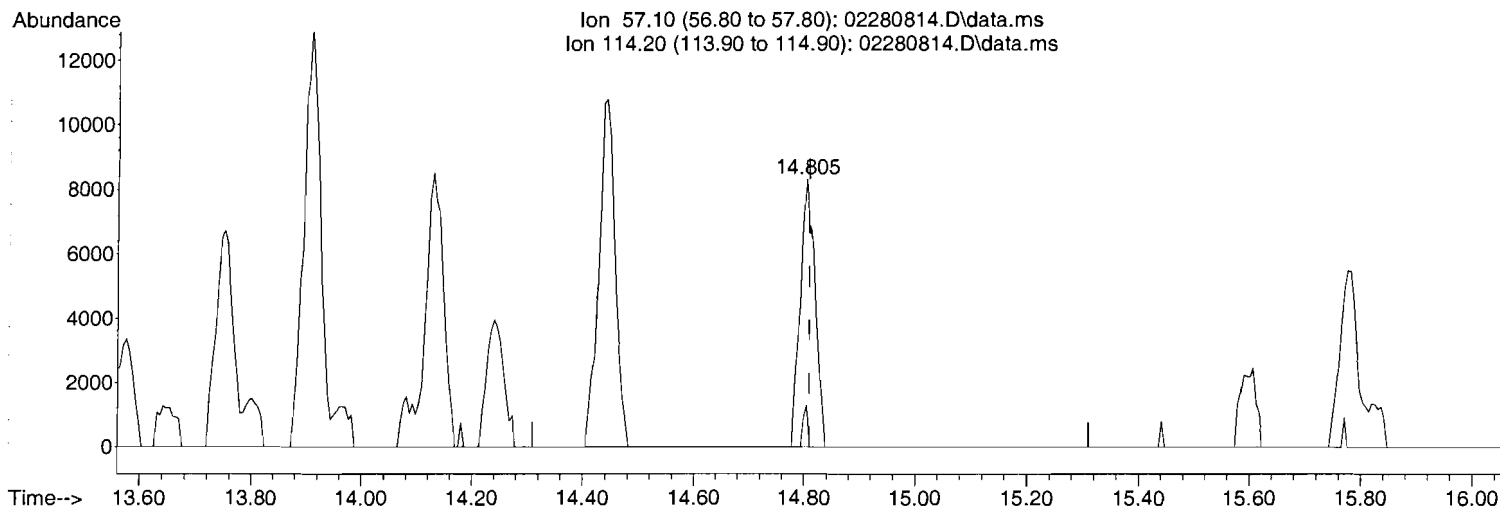
13.752min (+0.000) 5.05ng

response 428298

Ion	Exp%	Act%
91.00	100	100
92.10	59.00	60.86
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : J:\MS08\Data\2008_02\28\
Data File : 02280814.D
Acq On : 28 Feb 2008 20:03
Operator : SC
Sample : P0800448-002 (1000ml)
Disc : Walden O-1 (1.3,3.5)
S Vial : 7 Sample Multiplier: 1

Quant Time: Feb 29 08:49:37 2008
Quant Method : J:\MS08\Methods\R8022108.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Fri Feb 22 09:32:02 2008
Response via : Initial Calibration



(63) n-Octane (T)

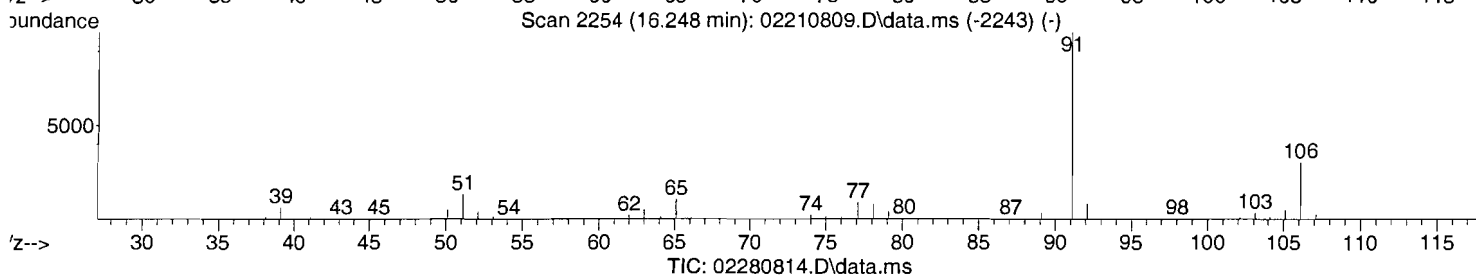
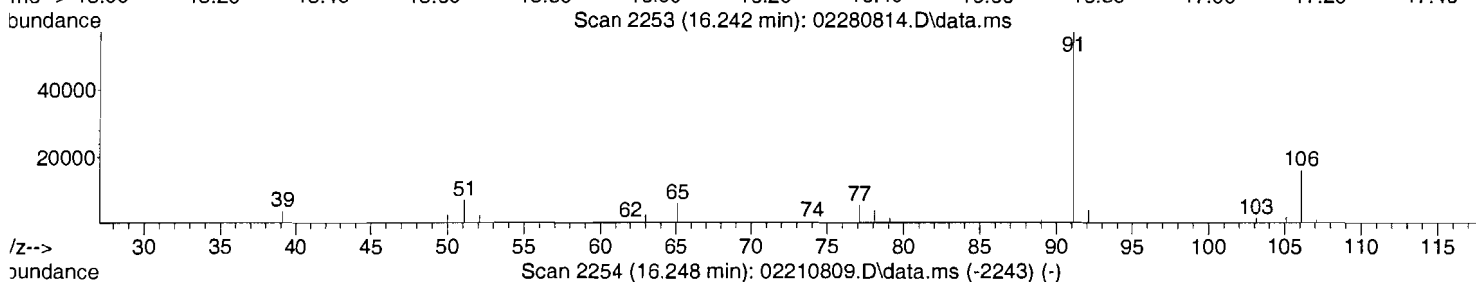
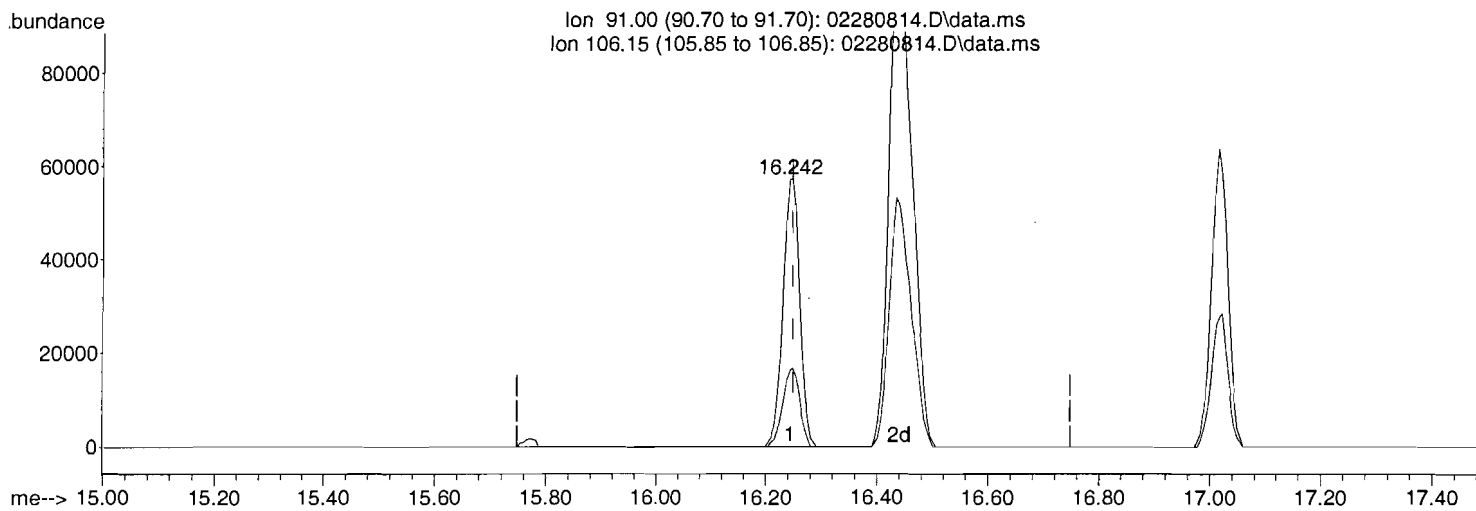
14.805min (-0.005) 0.61ng

response 15221

Ion	Exp%	Act%
57.10	100	100
114.20	12.90	4.80
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : J:\MS08\Data\2008_02\28\
Data File : 02280814.D
Acq On : 28 Feb 2008 20:03
Operator : SC
Sample : P0800448-002 (1000ml)
Misc : Walden O-1 (1.3,3.5)
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 29 08:49:37 2008
Quant Method : J:\MS08\Methods\R8022108.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Fri Feb 22 09:32:02 2008
Response via : Initial Calibration



(66) Ethylbenzene (T)

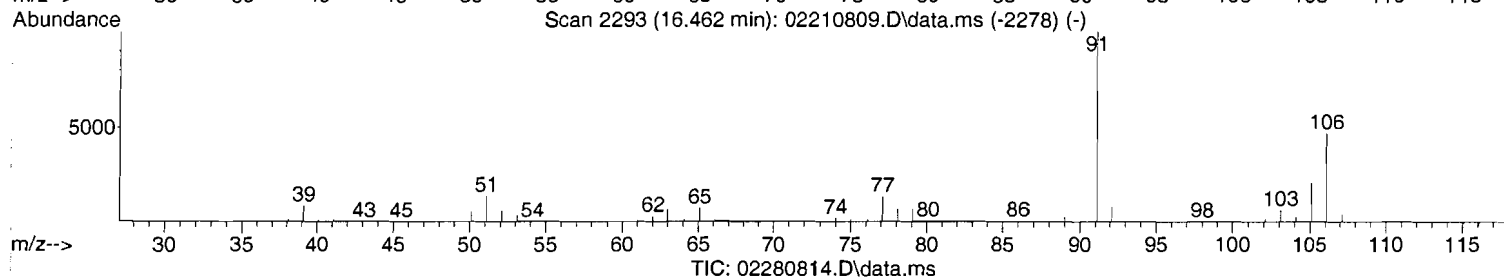
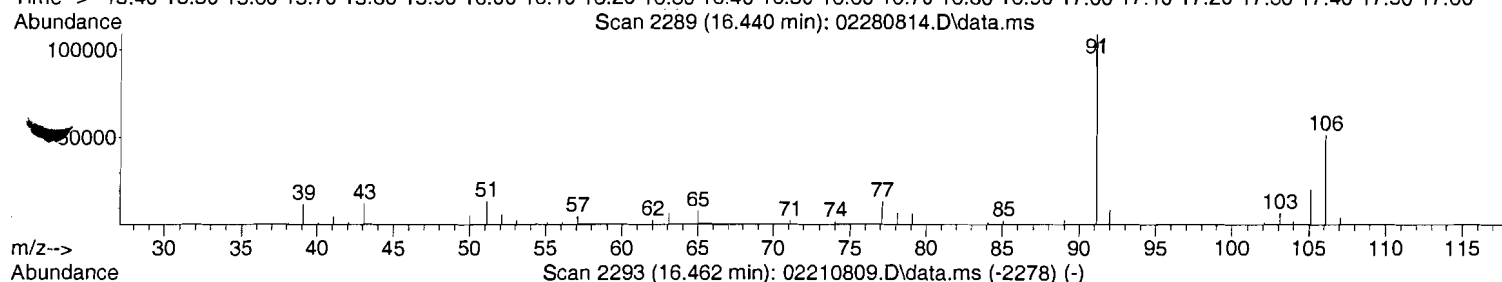
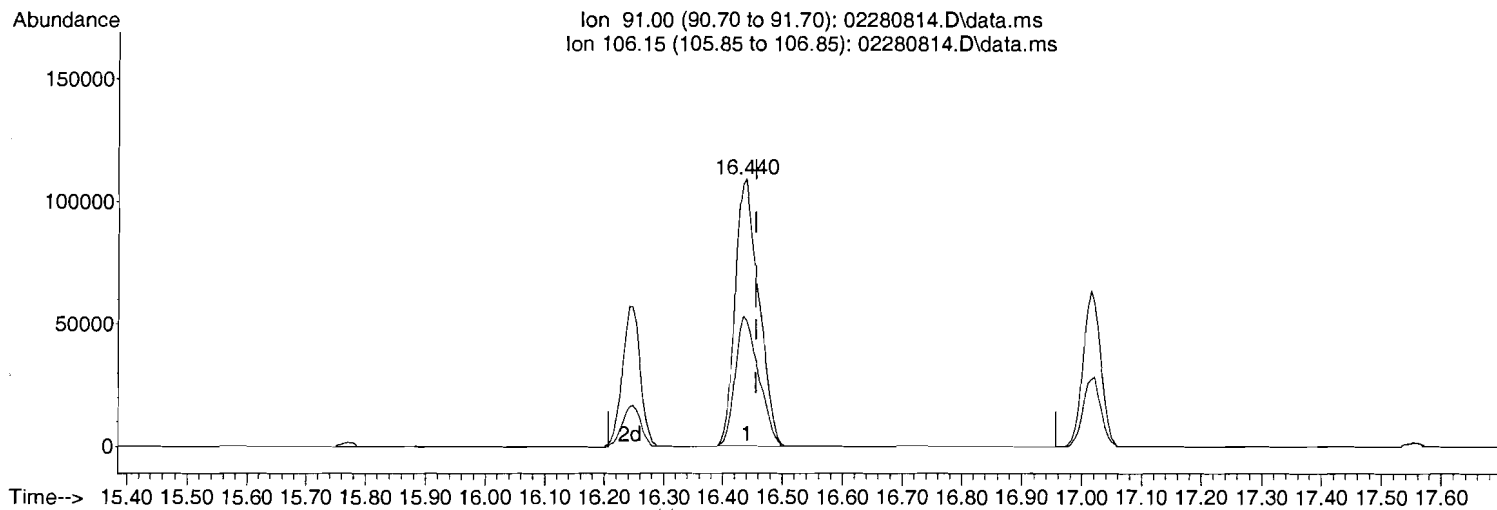
16.242min (-0.005) 1.18ng

response 120008

Ion	Exp%	Act%
91.00	100	100
106.15	31.40	29.73
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : J:\MS08\Data\2008_02\28\
Data File : 02280814.D
Acq On : 28 Feb 2008 20:03
Operator : SC
Sample : P0800448-002 (1000ml)
isc : Walden O-1 (1.3,3.5)
S Vial : 7 Sample Multiplier: 1

Quant Time: Feb 29 08:49:37 2008
Quant Method : J:\MS08\Methods\R8022108.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Fri Feb 22 09:32:02 2008
Response via : Initial Calibration



(67) m- & p-Xylene (T)

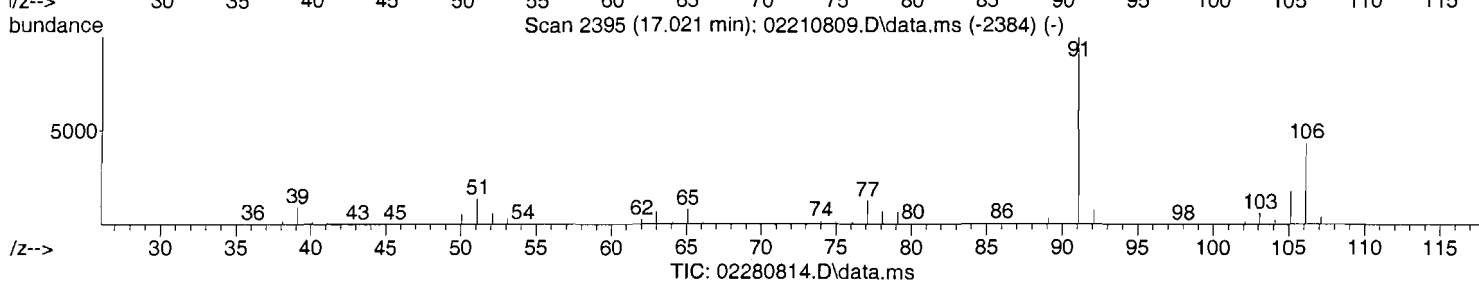
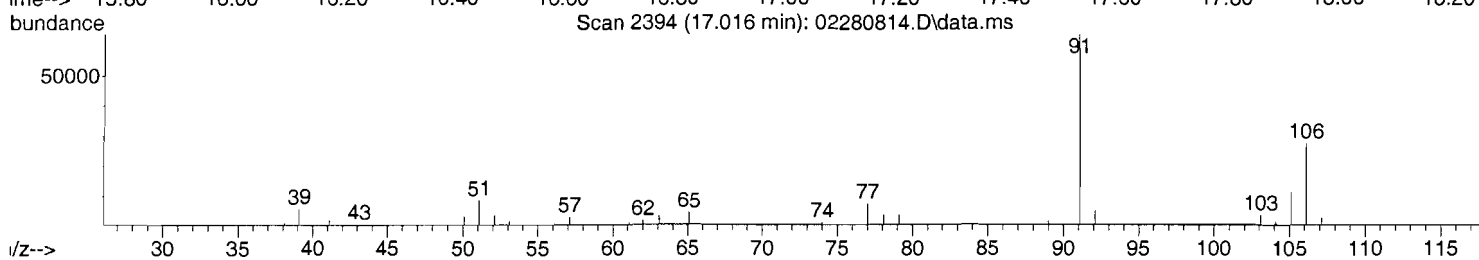
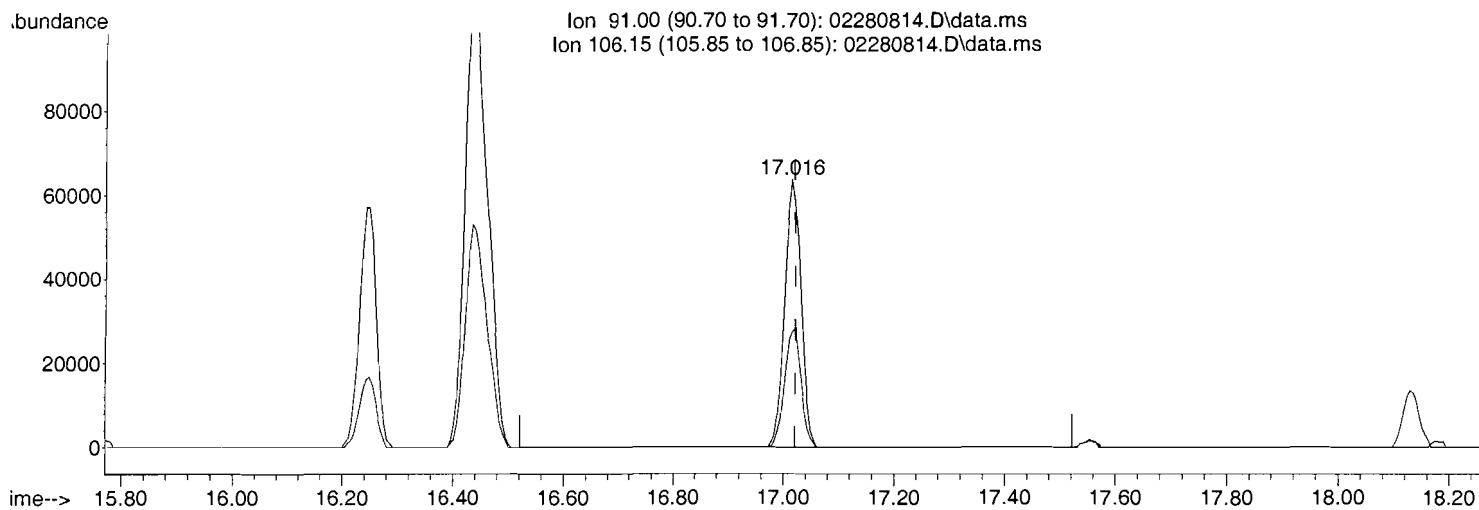
16.440min (-0.016) 4.41ng

response 302017

Ion	Exp%	Act%
91.00	100	100
106.15	48.60	48.21
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : J:\MS08\Data\2008_02\28\
Data File : 02280814.D
Acq On : 28 Feb 2008 20:03
Operator : SC
Sample : P0800448-002 (1000ml)
Misc : Walden O-1 (1.3,3.5)
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 29 08:49:37 2008
Quant Method : J:\MS08\Methods\R8022108.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Fri Feb 22 09:32:02 2008
Response via : Initial Calibration



(70) o-Xylene (T)

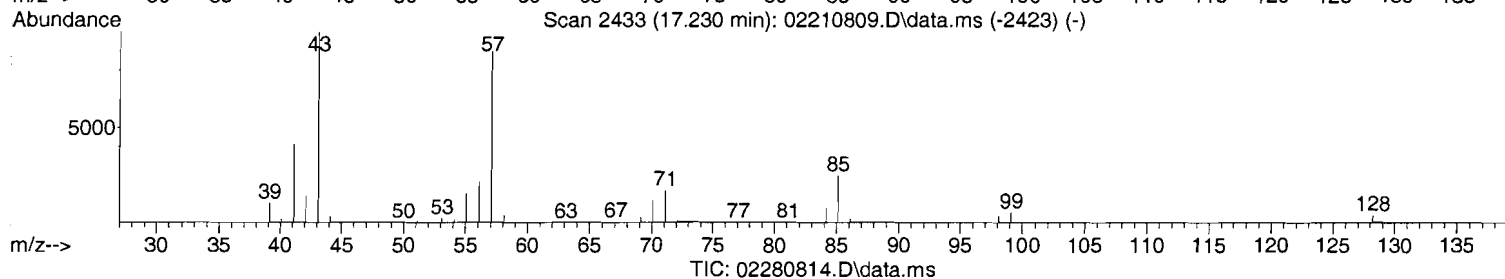
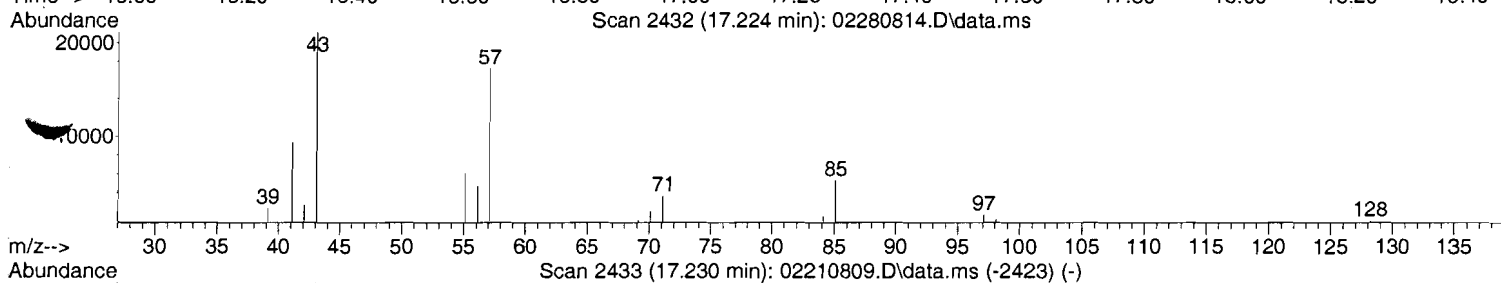
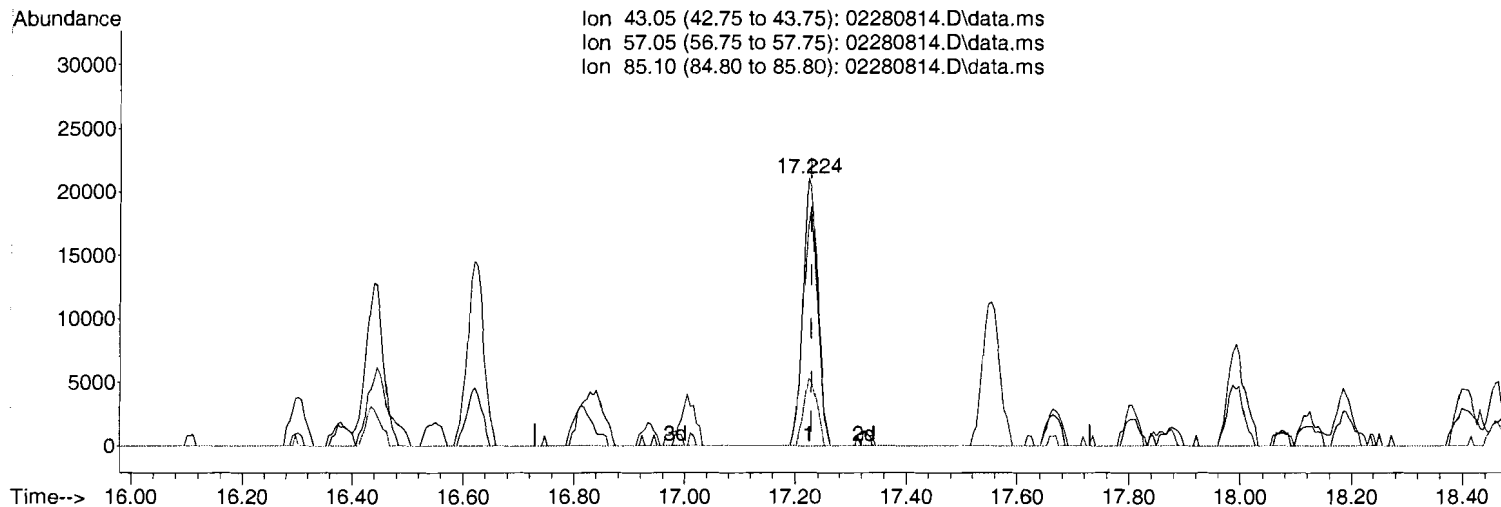
17.016min (-0.005) 1.78ng

response 130820

Ion	Exp%	Act%
91.00	100	100
106.15	45.70	44.64
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : J:\MS08\Data\2008_02\28\
Data File : 02280814.D
Acq On : 28 Feb 2008 20:03
Operator : SC
Sample : P0800448-002 (1000ml)
sc : Walden O-1 (1.3,3.5)
S Vial : 7 Sample Multiplier: 1

Quant Time: Feb 29 08:49:37 2008
Quant Method : J:\MS08\Methods\R8022108.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Fri Feb 22 09:32:02 2008
Response via : Initial Calibration



(71) n-Nonane (T)

17.224min (-0.005) 0.63ng

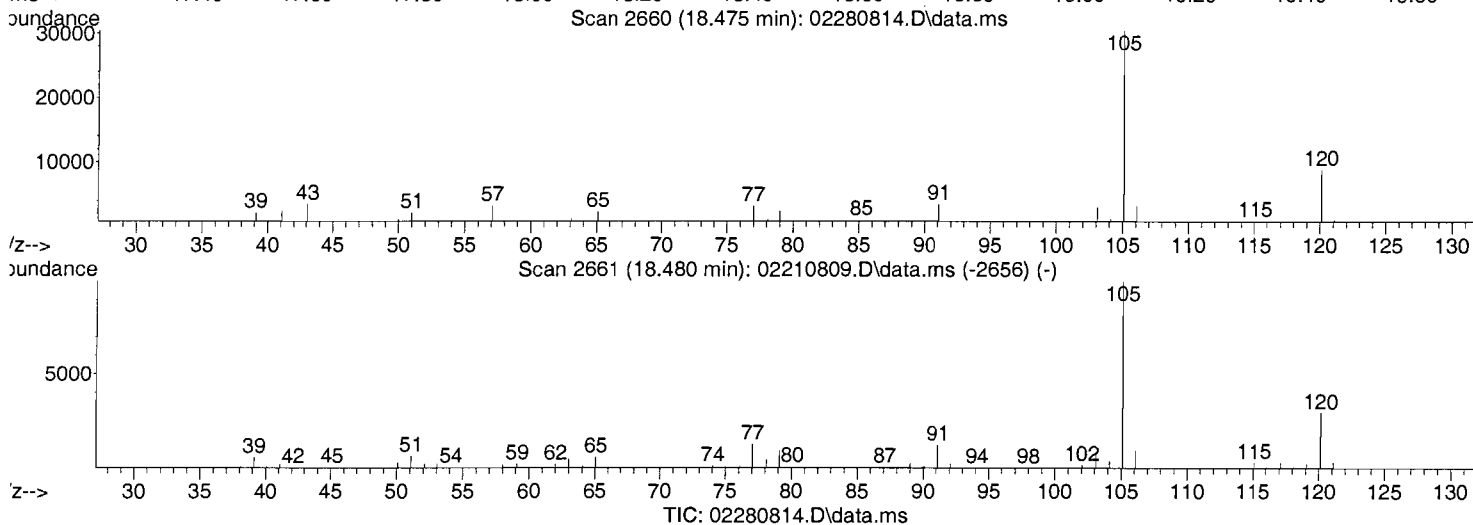
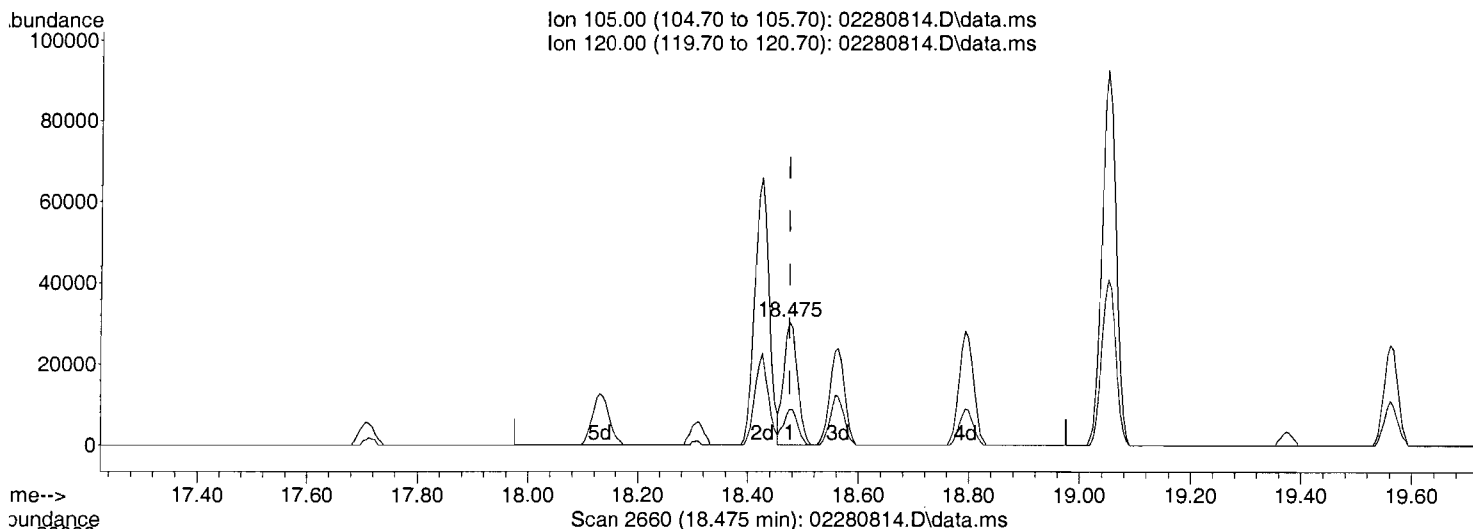
response 38424

Ion	Exp%	Act%
43.05	100	100
57.05	91.40	87.48
85.10	32.80	22.48
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : J:\MS08\Data\2008_02\28\
 Data File : 02280814.D
 Acq On : 28 Feb 2008 20:03
 Operator : SC
 Sample : P0800448-002 (1000ml)
 Misc : Walden O-1 (1.3,3.5)
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 29 08:49:37 2008
 Quant Method : J:\MS08\Methods\R8022108.M
 Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 QLast Update : Fri Feb 22 09:32:02 2008
 Response via : Initial Calibration



(78) 4-Ethyltoluene (T)

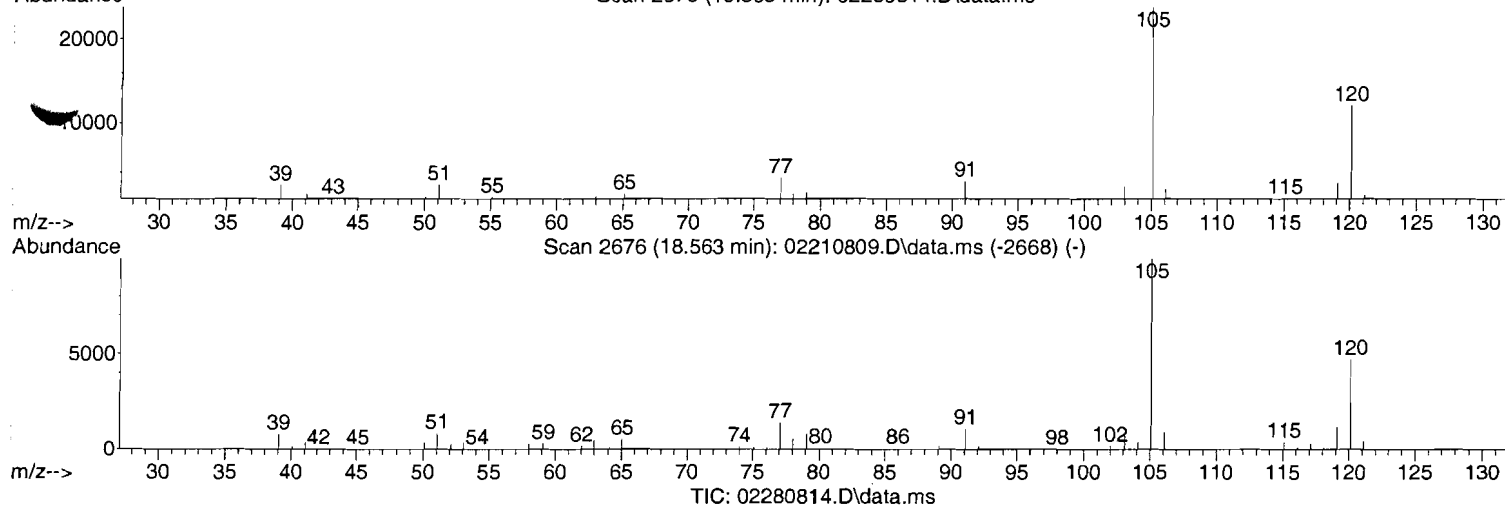
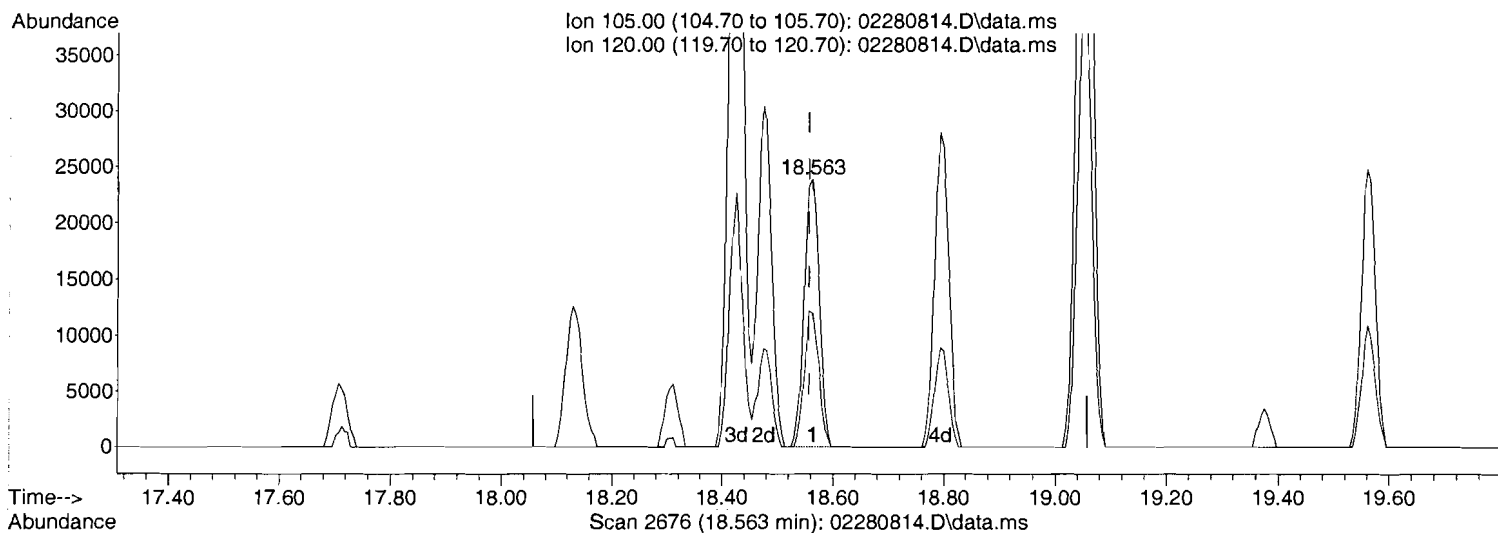
18.475min (+0.000) 0.57ng

response 52532

Ion	Exp%	Act%
105.00	100	100
120.00	29.70	29.74
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : J:\MS08\Data\2008_02\28\
Data File : 02280814.D
Acq On : 28 Feb 2008 20:03
Operator : SC
Sample : P0800448-002 (1000ml)
Misc : Walden O-1 (1.3,3.5)
S Vial : 7 Sample Multiplier: 1

Quant Time: Feb 29 08:49:37 2008
Quant Method : J:\MS08\Methods\R8022108.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Fri Feb 22 09:32:02 2008
Response via : Initial Calibration



(79) 1,3,5-Trimethylbenzene (T)

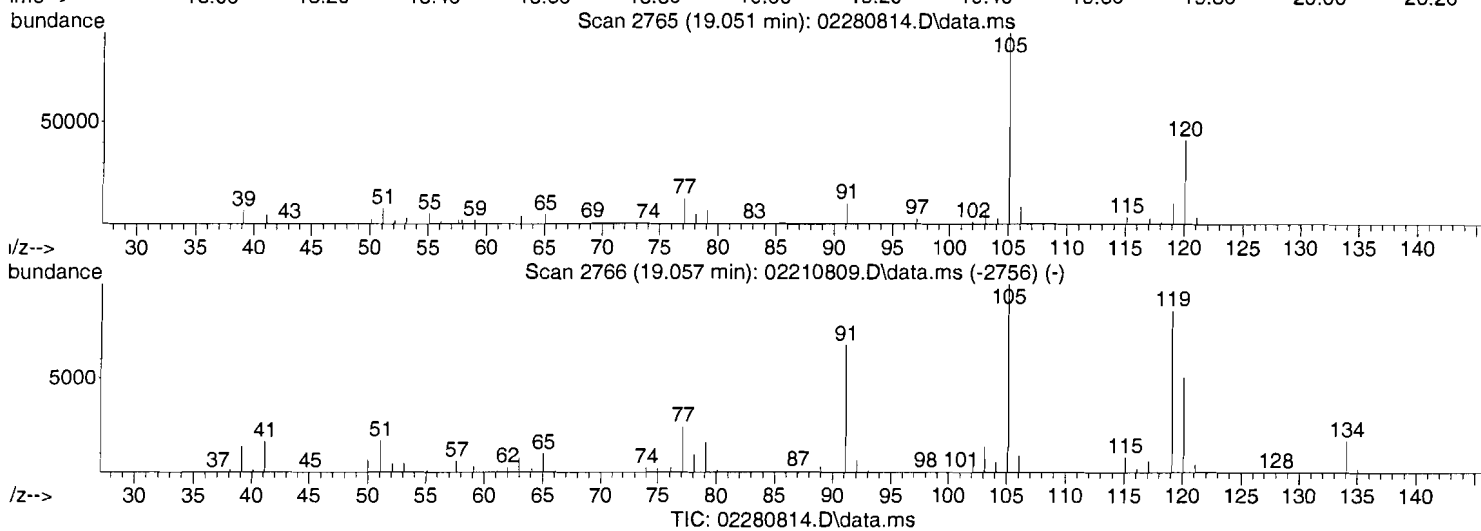
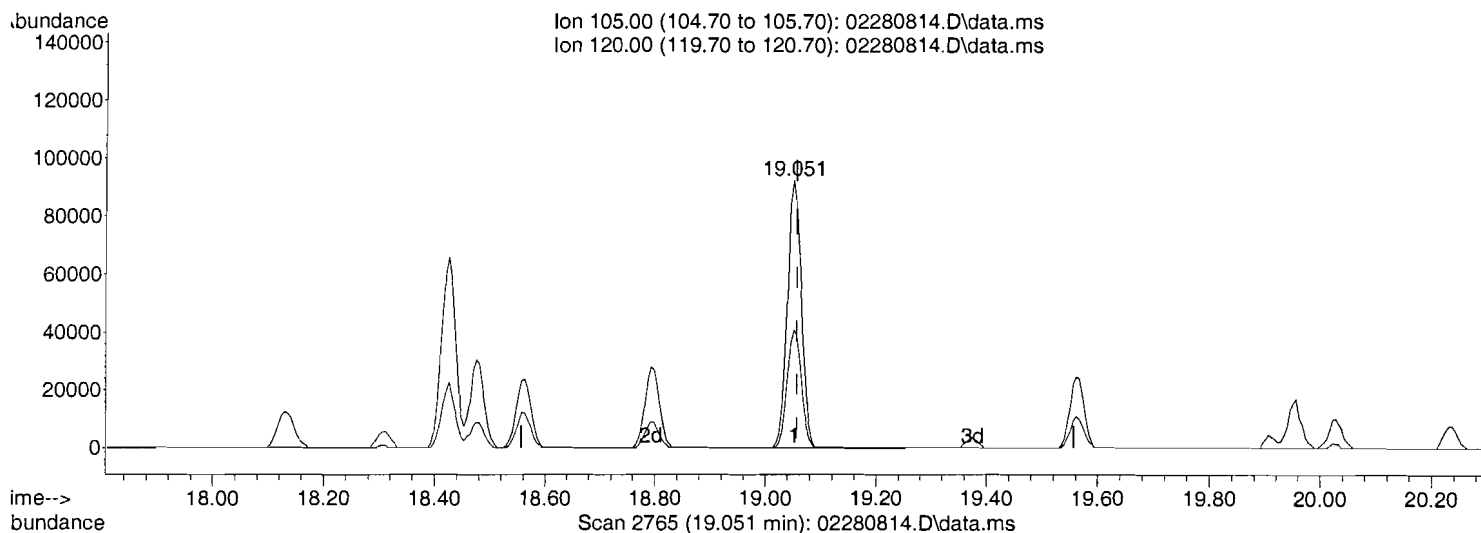
18.563min (+0.006) 0.53ng

response 44265

Ion	Exp%	Act%
105.00	100	100
120.00	47.70	48.26
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : J:\MS08\Data\2008_02\28\
Data File : 02280814.D
Acq On : 28 Feb 2008 20:03
Operator : SC
Sample : P0800448-002 (1000ml)
Misc : Walden O-1 (1.3,3.5)
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 29 08:49:37 2008
Quant Method : J:\MS08\Methods\R8022108.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Fri Feb 22 09:32:02 2008
Response via : Initial Calibration



(82) 1,2,4-Trimethylbenzene (T)

19.051min (-0.005) 1.95ng

response 163188

Ion	Exp%	Act%
105.00	100	100
120.00	50.80	44.54
0.00	0.00	0.00
0.00	0.00	0.00

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Page 1 of 3

Client: **Walden Environmental Engineering, PLLC**Client Sample ID: **SS-1**Client Project ID: **Bayville Village Cleaners / BVC0106**CAS Project ID: **P0800448**CAS Sample ID: **P0800448-003**Test Code: **EPA TO-15**Instrument ID: **Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8**Analyst: **Simon Cao**Sampling Media: **6.0 L Summa Canister**

Test Notes:

Container ID: **SC00675**Date Collected: **2/22/08**Date Received: **2/26/08**Date Analyzed: **2/28 - 2/29/08**Volume(s) Analyzed: **0.25 Liter(s)**
0.025 Liter(s)Initial Pressure (psig): **0.3** Final Pressure (psig): **3.8**Canister Dilution Factor: **1.23**

CAS #	Compound	Result $\mu\text{g}/\text{m}^3$	MRL $\mu\text{g}/\text{m}^3$	Result ppbV	MRL ppbV	Data Qualifier
115-07-1	Propene	ND	2.5	ND	1.4	
75-71-8	Dichlorodifluoromethane (CFC 12)	2.8	2.5	0.56	0.50	
74-87-3	Chloromethane	ND	2.5	ND	1.2	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	ND	2.5	ND	0.35	
75-01-4	Vinyl Chloride	ND	2.5	ND	0.96	
106-99-0	1,3-Butadiene	ND	2.5	ND	1.1	
75-00-3	Bromomethane	ND	2.5	ND	0.63	
75-00-3	Chloroethane	ND	2.5	ND	0.93	
64-17-5	Ethanol	190	25	100	13	
75-05-8	Acetonitrile	ND	2.5	ND	1.5	
107-02-8	Acrolein	ND	2.5	ND	1.1	
67-64-1	Acetone	ND	25	ND	10	
75-69-4	Trichlorofluoromethane	ND	2.5	ND	0.44	
67-63-0	2-Propanol (Isopropyl Alcohol)	ND	2.5	ND	1.0	
107-13-1	Acrylonitrile	ND	2.5	ND	1.1	
75-35-4	1,1-Dichloroethene	ND	2.5	ND	0.62	
75-09-2	Methylene Chloride	ND	2.5	ND	0.71	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	ND	2.5	ND	0.79	
76-13-1	Trichlorotrifluoroethane	ND	2.5	ND	0.32	
75-15-0	Carbon Disulfide	9.0	2.5	2.9	0.79	
156-60-5	trans-1,2-Dichloroethene	ND	2.5	ND	0.62	
75-34-3	1,1-Dichloroethane	ND	2.5	ND	0.61	
1634-04-4	Methyl tert-Butyl Ether	ND	2.5	ND	0.68	
108-05-4	Vinyl Acetate	ND	25	ND	7.0	
78-93-3	2-Butanone (MEK)	ND	2.5	ND	0.83	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: PerDate: 3/1/08

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Page 2 of 3

Client: **Walden Environmental Engineering, PLLC**
 Client Sample ID: **SS-1**
 Client Project ID: **Bayville Village Cleaners / BVC0106**

CAS Project ID: P0800448
 CAS Sample ID: P0800448-003

Test Code: EPA TO-15
 Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
 Analyst: Simon Cao
 Sampling Media: 6.0 L Summa Canister
 Test Notes:
 Container ID: SC00675

Date Collected: 2/22/08
 Date Received: 2/26/08
 Date Analyzed: 2/28 - 2/29/08
 Volume(s) Analyzed: 0.25 Liter(s)
 0.025 Liter(s)

Initial Pressure (psig): 0.3 Final Pressure (psig): 3.8

Canister Dilution Factor: 1.23

CAS #	Compound	Result $\mu\text{g}/\text{m}^3$	MRL $\mu\text{g}/\text{m}^3$	Result ppbV	MRL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	ND	2.5	ND	0.62	
141-78-6	Ethyl Acetate	9.7	2.5	2.7	0.68	
110-54-3	n-Hexane	ND	2.5	ND	0.70	
67-66-3	Chloroform	36	2.5	7.4	0.50	
109-99-9	Tetrahydrofuran (THF)	ND	2.5	ND	0.83	
107-06-2	1,2-Dichloroethane	ND	2.5	ND	0.61	
71-55-6	1,1,1-Trichloroethane	ND	2.5	ND	0.45	
71-43-2	Benzene	ND	2.5	ND	0.77	
56-23-5	Carbon Tetrachloride	ND	2.5	ND	0.39	
110-82-7	Cyclohexane	ND	2.5	ND	0.71	
78-87-5	1,2-Dichloropropane	ND	2.5	ND	0.53	
75-27-4	Bromodichloromethane	ND	2.5	ND	0.37	
79-01-6	Trichloroethene	13	2.5	2.4	0.46	
123-91-1	1,4-Dioxane	ND	2.5	ND	0.68	
80-62-6	Methyl Methacrylate	ND	2.5	ND	0.60	
142-82-5	n-Heptane	ND	2.5	ND	0.60	
10061-01-5	cis-1,3-Dichloropropene	ND	2.5	ND	0.54	
108-10-1	4-Methyl-2-pentanone	18	2.5	4.4	0.60	
10061-02-6	trans-1,3-Dichloropropene	ND	2.5	ND	0.54	
79-00-5	1,1,2-Trichloroethane	ND	2.5	ND	0.45	
108-88-3	Toluene	41	2.5	11	0.65	
591-78-6	2-Hexanone	ND	2.5	ND	0.60	
124-48-1	Dibromochloromethane	ND	2.5	ND	0.29	
106-93-4	1,2-Dibromoethane	ND	2.5	ND	0.32	
123-86-4	n-Butyl Acetate	ND	2.5	ND	0.52	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: Kc Date: 3/11/08

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Page 3 of 3

Client: **Walden Environmental Engineering, PLLC**
 Client Sample ID: **SS-1**
 Client Project ID: **Bayville Village Cleaners / BVC0106**

CAS Project ID: P0800448
 CAS Sample ID: P0800448-003

Test Code: EPA TO-15
 Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
 Analyst: Simon Cao
 Sampling Media: 6.0 L Summa Canister
 Test Notes:
 Container ID: SC00675

Date Collected: 2/22/08
 Date Received: 2/26/08
 Date Analyzed: 2/28 - 2/29/08
 Volume(s) Analyzed: 0.25 Liter(s)
 0.025 Liter(s)

Initial Pressure (psig): 0.3 Final Pressure (psig): 3.8

Canister Dilution Factor: 1.23

CAS #	Compound	Result µg/m ³	MRL µg/m ³	Result ppbV	MRL ppbV	Data Qualifier
111-65-9	n-Octane	ND	2.5	ND	0.53	
127-18-4	Tetrachloroethene	2,500	2.5	370	0.36	
108-90-7	Chlorobenzene	ND	2.5	ND	0.53	
100-41-4	Ethylbenzene	9.2	2.5	2.1	0.57	
179601-23-1	m,p-Xylenes	57	4.9	13	1.1	
75-25-2	Bromoform	ND	2.5	ND	0.24	
100-42-5	Styrene	ND	2.5	ND	0.58	
100-7-6	o-Xylene	27	2.5	6.1	0.57	
111-84-2	n-Nonane	ND	2.5	ND	0.47	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.5	ND	0.36	
98-82-8	Cumene	ND	2.5	ND	0.50	
80-56-8	alpha-Pinene	ND	2.5	ND	0.44	
103-65-1	n-Propylbenzene	4.6	2.5	0.93	0.50	
622-96-8	4-Ethyltoluene	7.4	2.5	1.5	0.50	
108-67-8	1,3,5-Trimethylbenzene	8.6	2.5	1.8	0.50	
95-63-6	1,2,4-Trimethylbenzene	28	2.5	5.7	0.50	
100-44-7	Benzyl Chloride	ND	2.5	ND	0.48	
541-73-1	1,3-Dichlorobenzene	ND	2.5	ND	0.41	
106-46-7	1,4-Dichlorobenzene	ND	2.5	ND	0.41	
95-50-1	1,2-Dichlorobenzene	ND	2.5	ND	0.41	
5989-27-5	d-Limonene	16	2.5	2.9	0.44	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	ND	0.25	
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	ND	0.33	
91-20-3	Naphthalene	4.5	2.5	0.86	0.47	
87-68-3	Hexachlorobutadiene	ND	2.5	ND	0.23	

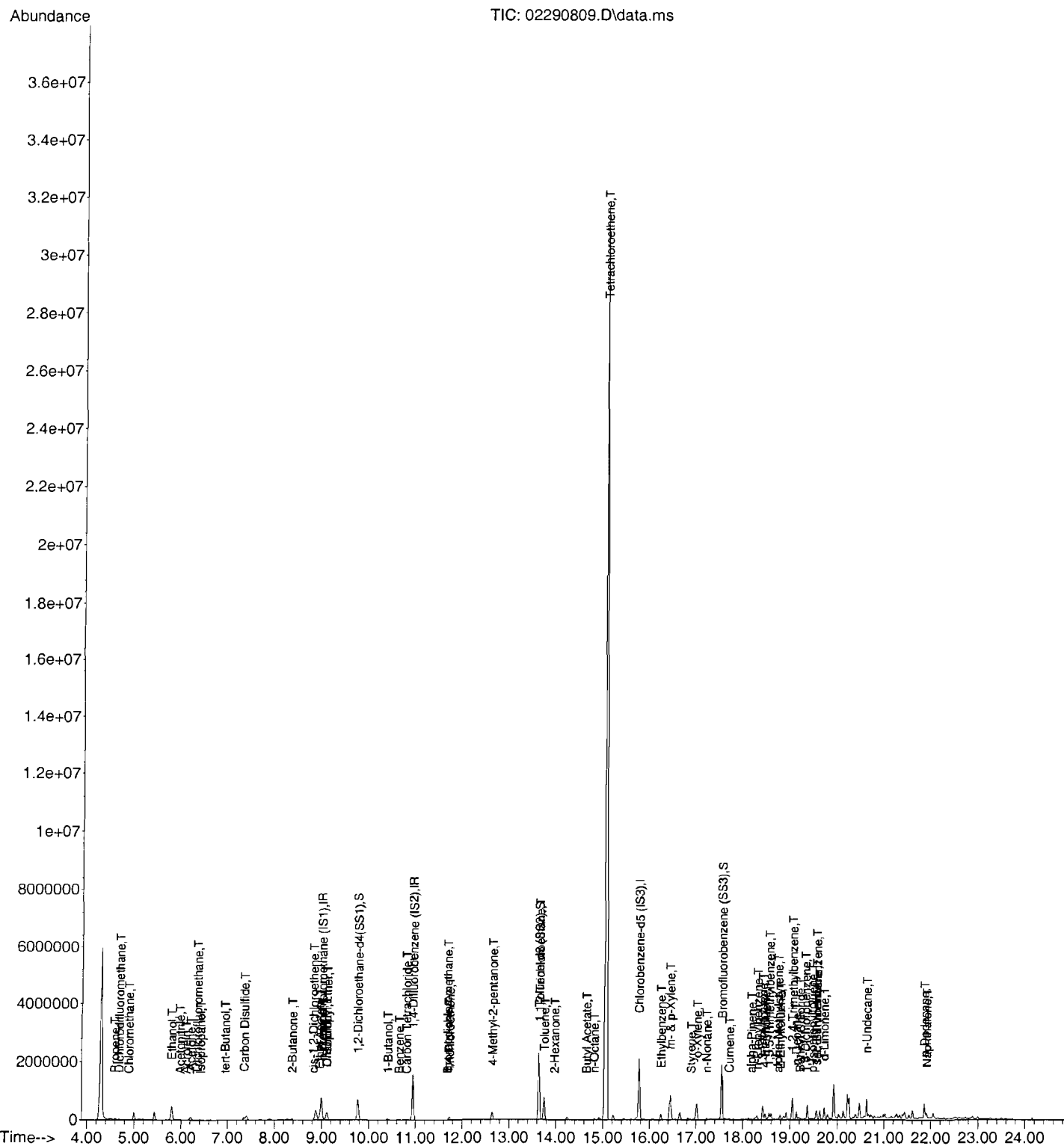
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MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: Ru Date: 3/1/08

Data Path : J:\MS08\Data\2008_02\29\
Data File : 02290809.D
Acq On : 29 Feb 2008 16:49
Operator : SC
Sample : P0800448-003 (250ml)
Misc : Walden SS-1 (0.3,3.8) ✓
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Mar 03 08:50:10 2008
Quant Method : J:\MS08\Methods\R8022108.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Fri Feb 22 09:32:02 2008
Response via : Initial Calibration



Data Path : J:\MS08\Data\2008_02\29\
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 Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane (IS1)	8.99	130	312661	25.000	ng	0.00
37) 1,4-Difluorobenzene (IS2)	10.94	114	1495349	25.000	ng	0.00
56) Chlorobenzene-d5 (IS3)	15.77	82	846986	25.000	ng	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4(...)	9.77	65	687858	23.839	ng	0.00
Spiked Amount	25.000		Recovery	=	95.36%	
57) Toluene-d8 (SS2)	13.64	98	1752456	25.029	ng	0.00
Spiked Amount	25.000		Recovery	=	100.12%	
73) Bromofluorobenzene (SS3)	17.55	174	608208	24.826	ng	0.00
Spiked Amount	25.000		Recovery	=	99.32%	

Target Compounds

					Qvalue	
2) Propene	4.59	42	7408	0.262 ng	#	80
3) Dichlorodifluoromethane	4.68	85	24737	0.560 ng		96
4) Chloromethane	4.89	50	2903	0.060 ng	#	42
5) Freon 114	0.00	135	0	N.D.		
6) Vinyl Chloride	0.00	62	0	N.D.		
7) 1,3-Butadiene	0.00	54	0	N.D.		
8) Bromomethane	0.00	94	0	N.D.		
9) Chloroethane	0.00	64	0	N.D.		
10) Ethanol	5.80	45	739880	39.376 ng		100
11) Acetonitrile	5.98	41	3654	0.067 ng		99
12) Acrolein	6.10	56	1271	0.085 ng	#	41
13) Acetone	6.21	58	57061	2.510 ng		96
14) Trichlorofluoromethane	6.35	101	8493	0.263 ng		99
15) Isopropanol	6.41	45	18062	0.265 ng	#	61
16) Acrylonitrile	0.00	53	0	N.D.		
17) 1,1-Dichloroethene	0.00	96	0	N.D.		
18) tert-Butanol	6.94	59	19468	0.284 ng	#	87
19) Methylene Chloride	7.00	84	584	N.D.		
20) Allyl Chloride	0.00	41	0	N.D.		
21) Trichlorotrifluoroethane	7.23	151	562	N.D.		
22) Carbon Disulfide	7.35	76	158515	1.826 ng		96
23) trans-1,2-Dichloroethene	0.00	61	0	N.D.		
24) 1,1-Dichloroethane	0.00	63	0	N.D.		
25) Methyl tert-Butyl Ether	0.00	73	0	N.D.		
26) Vinyl Acetate	0.00	86	0	N.D.		
27) 2-Butanone	8.37	72	5962	0.476 ng	#	1
28) cis-1,2-Dichloroethene	8.82	61	4612	0.141 ng	#	55
29) Diisopropyl Ether	9.11	87	20623	1.397 ng	#	1
30) Ethyl Acetate	8.96	61	15988	1.970 ng		78
31) n-Hexane	9.01	57	3319	0.069 ng	#	64
32) Chloroform	9.11	83	201974	7.360 ng		99
34) Tetrahydrofuran	0.00	72	0	N.D.		
35) Ethyl tert-Butyl Ether	0.00	87	0	N.D.		
36) 1,2-Dichloroethane	0.00	62	0	N.D.		
38) 1,1,1-Trichloroethane	0.00	97	0	N.D.		
39) Isopropyl Acetate	0.00	61	0	N.D.		
40) 1-Butanol	10.40	56	29045	1.025 ng	#	59
41) Benzene	10.65	78	14151	0.186 ng		100
42) Carbon Tetrachloride	10.80	117	2754	0.088 ng	#	76
43) Cyclohexane	10.94	84	872	N.D.		
44) tert-Amyl Methyl Ether	0.00	73	0	N.D.		
45) 1,2-Dichloropropane	0.00	63	0	N.D.		
46) Bromodichloromethane	11.67	83	8316	0.304 ng		97

C-31718

Data Path : J:\MS08\Data\2008_02\29\
 Data File : 02290809.D
 Acq On : 29 Feb 2008 16:49
 Operator : SC
 Sample : P0800448-003 (250ml)
 Misc : Walden SS-1 (0.3,3.8)
 ALS Vial : 14 Sample Multiplier: 1

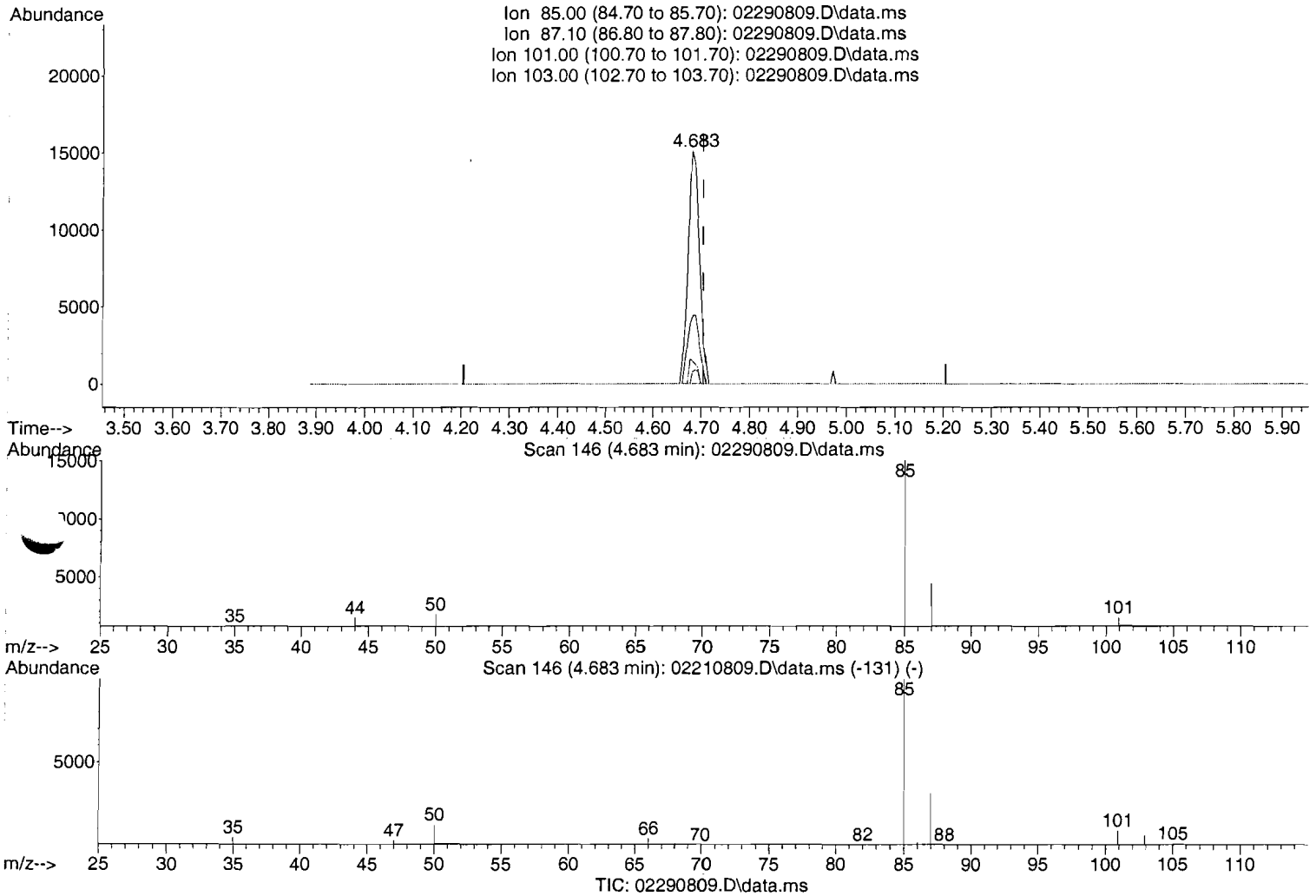
Quant Time: Mar 03 08:50:10 2008
 Quant Method : J:\MS08\Methods\R8022108.M
 Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 QLast Update : Fri Feb 22 09:32:02 2008
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) Trichloroethene	11.73	130	45773	2.635 ng		97
48) 1,4-Dioxane	11.69	88	5108	0.366 ng		84
49) Isooctane	11.77	57	5605	N.D.		
50) Methyl Methacrylate	0.00	100	0	N.D.		
51) n-Heptane	12.00	71	543	N.D.		
52) cis-1,3-Dichloropropene	0.00	75	0	N.D.		
53) 4-Methyl-2-pentanone	12.64	58	97316	3.628 ng		87
54) trans-1,3-Dichloropropene	0.00	75	0	N.D.		
55) 1,1,2-Trichloroethane	13.65	97	152329	8.523 ng	MR	7
58) Toluene	13.75	91	681747	8.427 ng		98
59) 2-Hexanone	13.97	43	6428	0.098 ng	#	53
60) Dibromochloromethane	0.00	129	0	N.D.		
61) 1,2-Dibromoethane	0.00	107	0	N.D.		
62) Butyl Acetate	14.65	43	11833	0.179 ng	#	86
63) n-Octane	14.82	57	9027	0.380 ng	#	67
64) Tetrachloroethene	15.06	166	12589497	607.257 ng	see note	97
65) Chlorobenzene	15.84	112	2040	N.D.		
66) Ethylbenzene	16.24	91	182043	1.877 ng		97
67) m- & p-Xylene	16.43	91	762440	11.670 ng		96
68) Bromoform	0.00	173	0	N.D.		
69) Styrene	16.88	104	10538	0.182 ng		94
70) o-Xylene	17.02	91	379966	5.422 ng		97
71) n-Nonane	17.22	43	25743	0.440 ng		93
72) 1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.		
74) Cumene	17.71	105	28278	0.319 ng		94
75) alpha-Pinene	18.18	93	8194	0.170 ng		92
76) n-Propylbenzene	18.31	91	103491	0.925 ng	#	78
77) 3-Ethyltoluene	18.42	105	324363	3.387 ng		99
78) 4-Ethyltoluene	18.48	105	132560	1.496 ng		100
79) 1,3,5-Trimethylbenzene	18.56	105	140673	1.757 ng		99
80) alpha-Methylstyrene	18.74	118	8592	0.210 ng		96
81) 2-Ethyltoluene	18.79	105	115811	1.228 ng		99
82) 1,2,4-Trimethylbenzene	19.05	105	451441	5.661 ng		91
83) n-Decane	19.13	57	120522	1.956 ng		83
84) Benzyl Chloride	19.22	91	5115	0.072 ng	#	56
85) 1,3-Dichlorobenzene	19.33	146	10764	0.254 ng		95
86) 1,4-Dichlorobenzene	19.33	146	10764	0.260 ng		95
87) sec-Butylbenzene	19.56	105	99349	1.001 ng		80
88) p-Isopropyltoluene	19.47	119	15868	0.189 ng		95
89) 1,2,3-Trimethylbenzene	19.56	105	99349	1.271 ng		92
90) 1,2-Dichlorobenzene	0.00	146	0	N.D.		
91) d-Limonene	19.72	68	102639	3.300 ng		95
92) 1,2-Dibromo-3-Chloropr...	20.62	157	252	N.D.		
93) n-Undecane	20.63	57	285263	4.438 ng		87
94) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.		
95) Naphthalene	21.90	128	88300	0.921 ng		88
96) n-Dodecane	21.85	57	195159	3.186 ng		81
97) Hexachloro-1,3-butadiene	0.00	225	0	N.D.		

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

Data Path : J:\MS08\Data\2008_02\29\
Data File : 02290809.D
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Operator : SC
Sample : P0800448-003 (250ml)
Vial : 14 Sample Multiplier: 1

Quant Time: Mar 03 08:50:10 2008
Quant Method : J:\MS08\Methods\R8022108.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Fri Feb 22 09:32:02 2008
Response via : Initial Calibration



(3) Dichlorodifluoromethane (T)

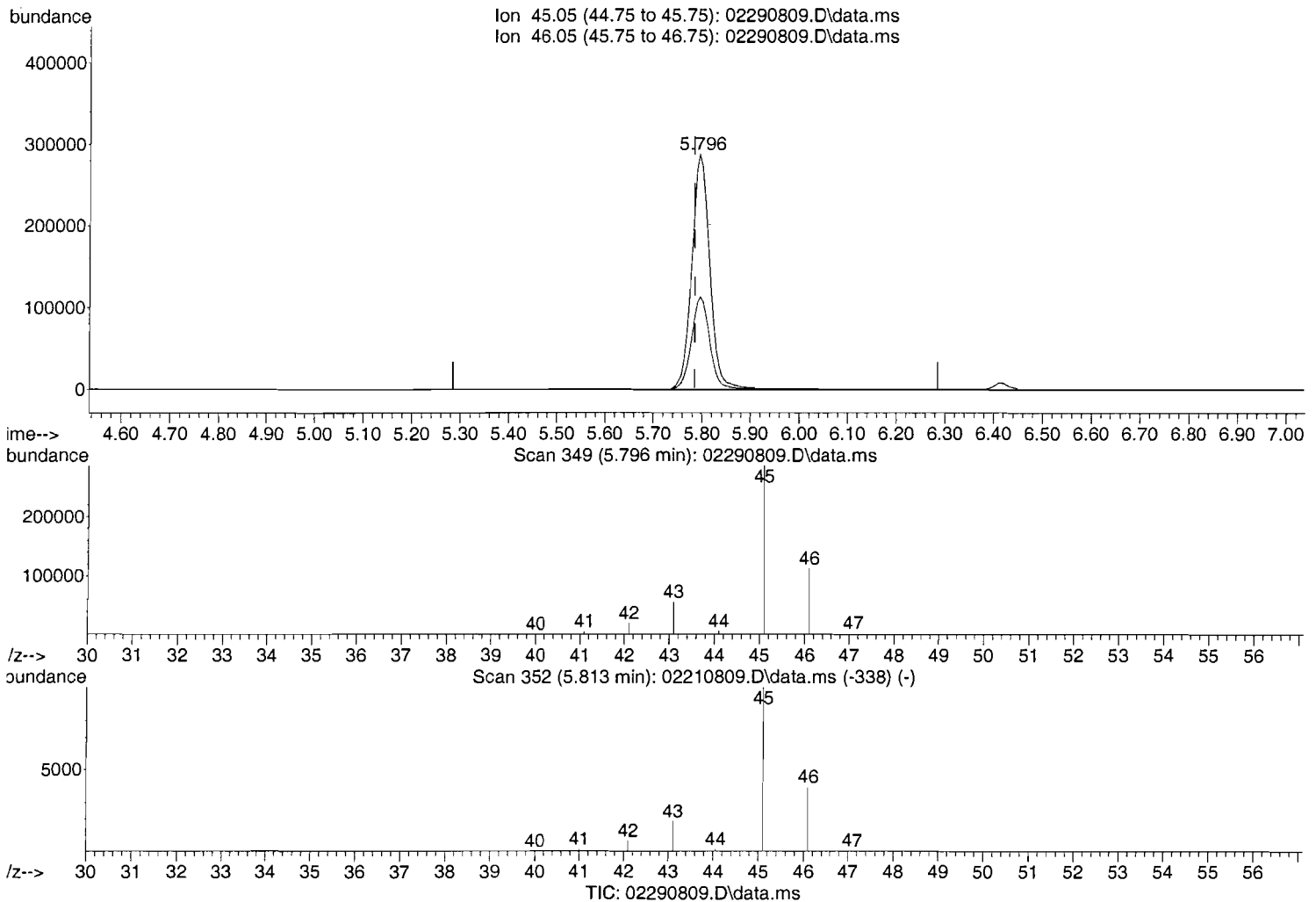
4.683min (-0.022) 0.56ng

response 24737

Ion	Exp%	Act%
85.00	100	100
87.10	32.60	30.58
101.00	8.50	7.14
103.00	5.60	3.38

Data Path : J:\MS08\Data\2008_02\29\
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Operator : SC
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Misc : Walden SS-1 (0.3,3.8)
ALS Vial : 14 Sample Multiplier: 1

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QLast Update : Fri Feb 22 09:32:02 2008
Response via : Initial Calibration



(10) Ethanol (T)

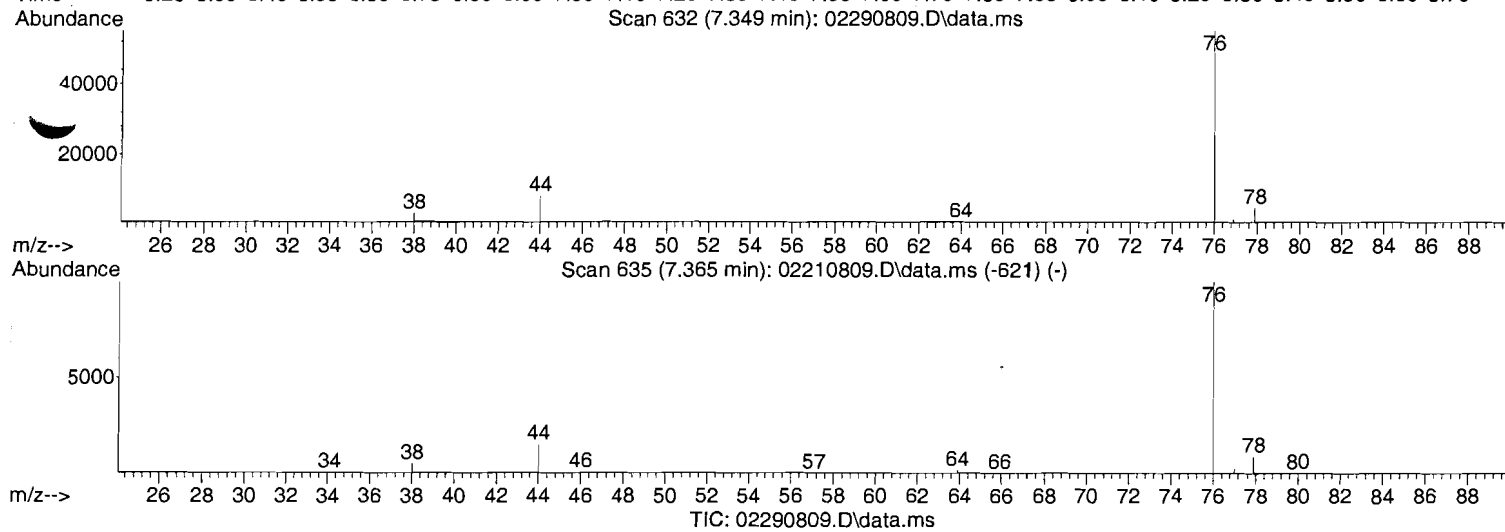
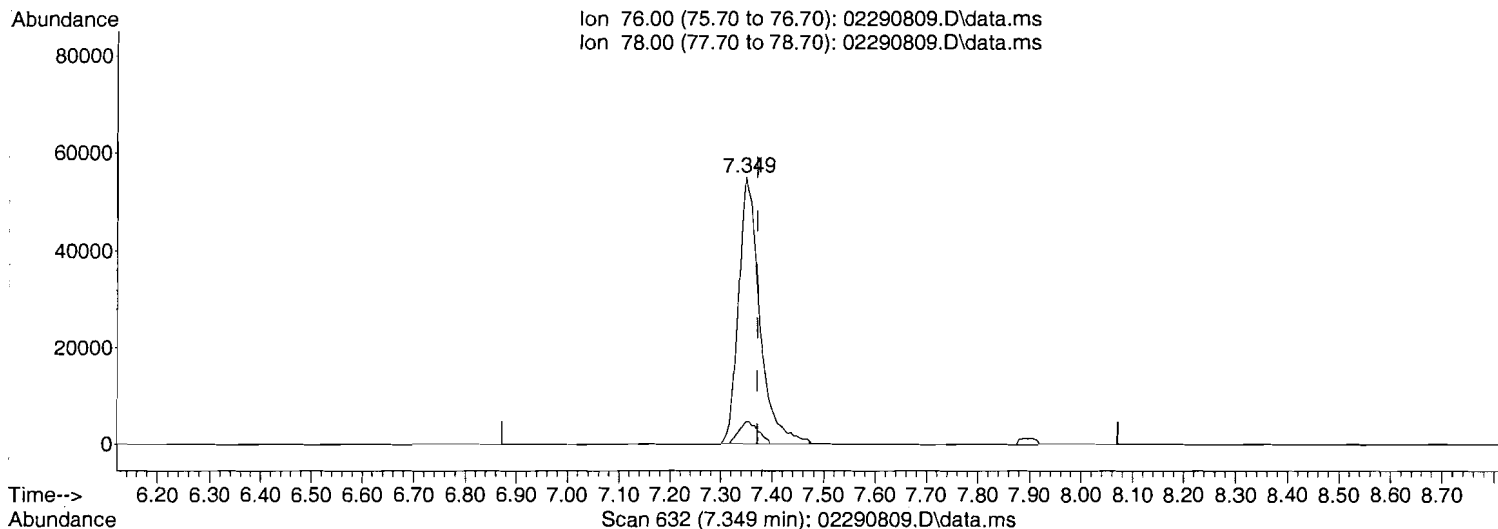
5.796min (+0.011) 39.38ng

response 739880

Ion	Exp%	Act%
45.05	100	100
46.05	39.30	39.46
0.00	0.00	0.00
0.00	0.00	0.00

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Operator : SC
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Vial : 14 Sample Multiplier: 1

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Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Fri Feb 22 09:32:02 2008
Response via : Initial Calibration



(22) Carbon Disulfide (T)

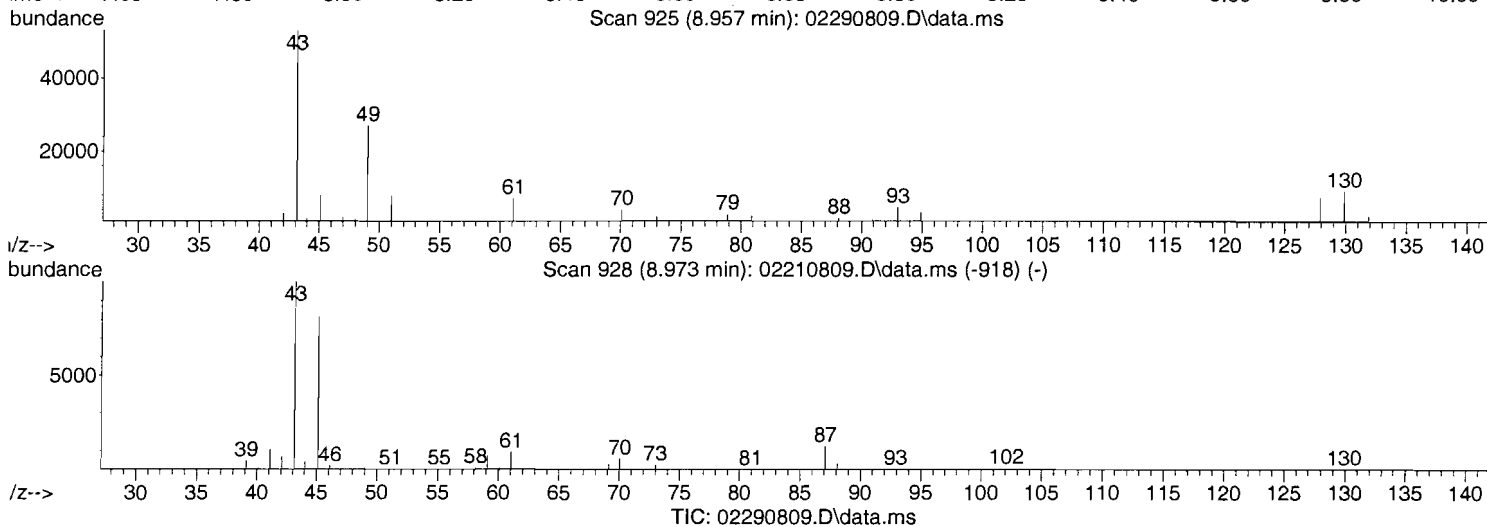
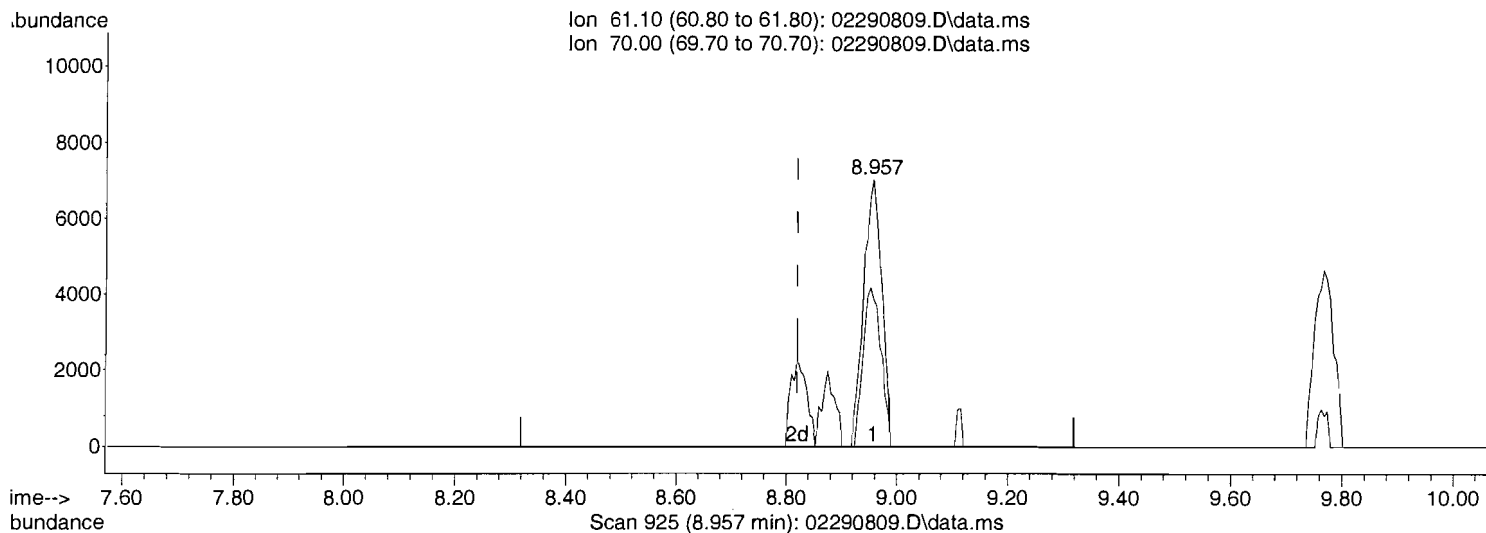
7.349min (-0.022) 1.83ng

response 158515

Ion	Exp%	Act%
76.00	100	100
78.00	9.10	7.78
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : J:\MS08\Data\2008_02\29\
Data File : 02290809.D
Acq On : 29 Feb 2008 16:49
Operator : SC
Sample : P0800448-003 (250ml)
Misc : Walden SS-1 (0.3,3.8)
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Mar 03 08:50:10 2008
Quant Method : J:\MS08\Methods\R8022108.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Fri Feb 22 09:32:02 2008
Response via : Initial Calibration



(30) Ethyl Acetate (T)

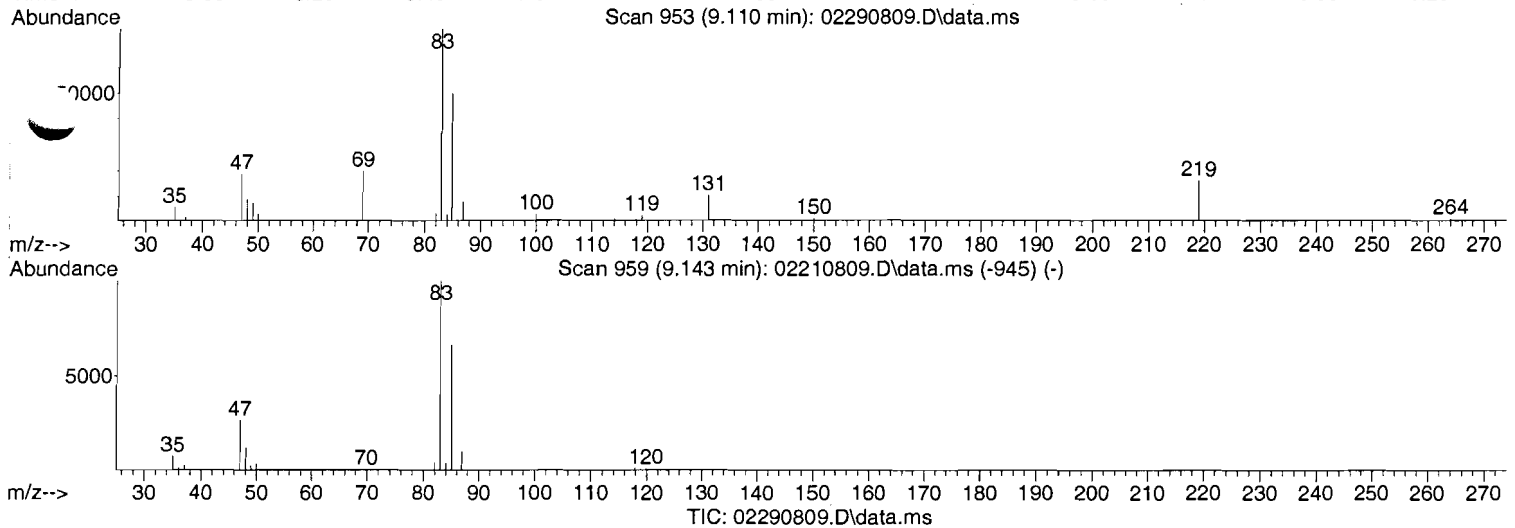
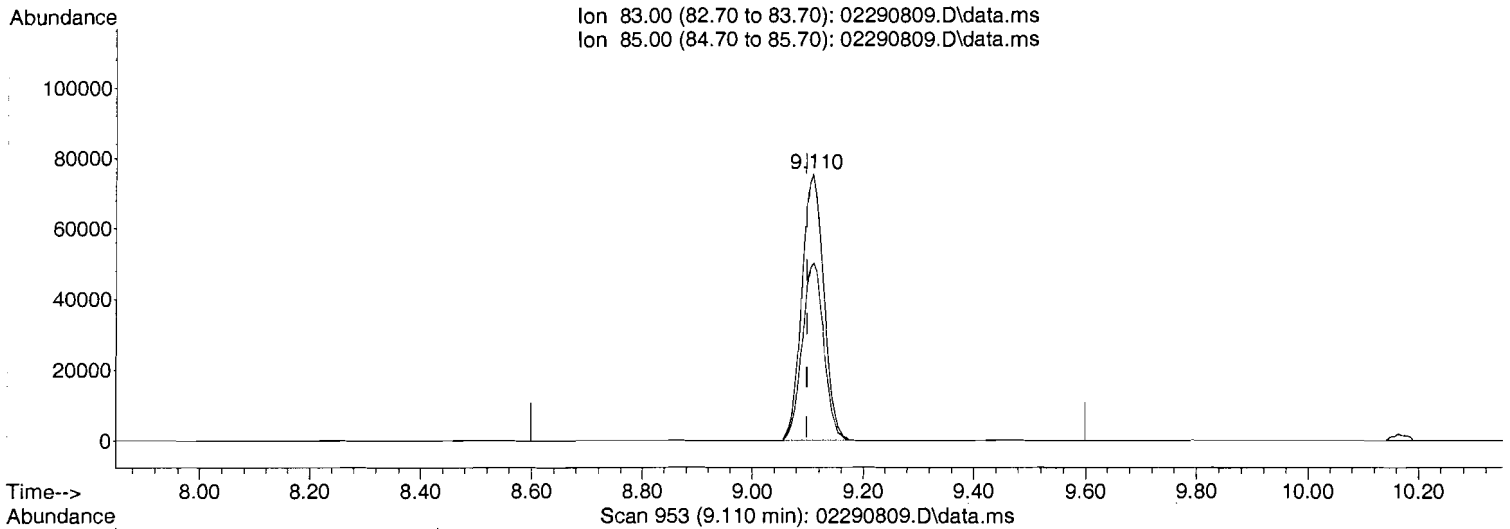
8.957min (+0.138) 1.97ng

response 15988

Ion	Exp%	Act%
61.10	100	100
70.00	77.80	58.69
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : J:\MS08\Data\2008_02\29\
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Operator : SC
Sample : P0800448-003 (250ml)
Disc : Walden SS-1 (0.3,3.8)
S Vial : 14 Sample Multiplier: 1

Quant Time: Mar 03 08:50:10 2008
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Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
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(32) Chloroform (T)

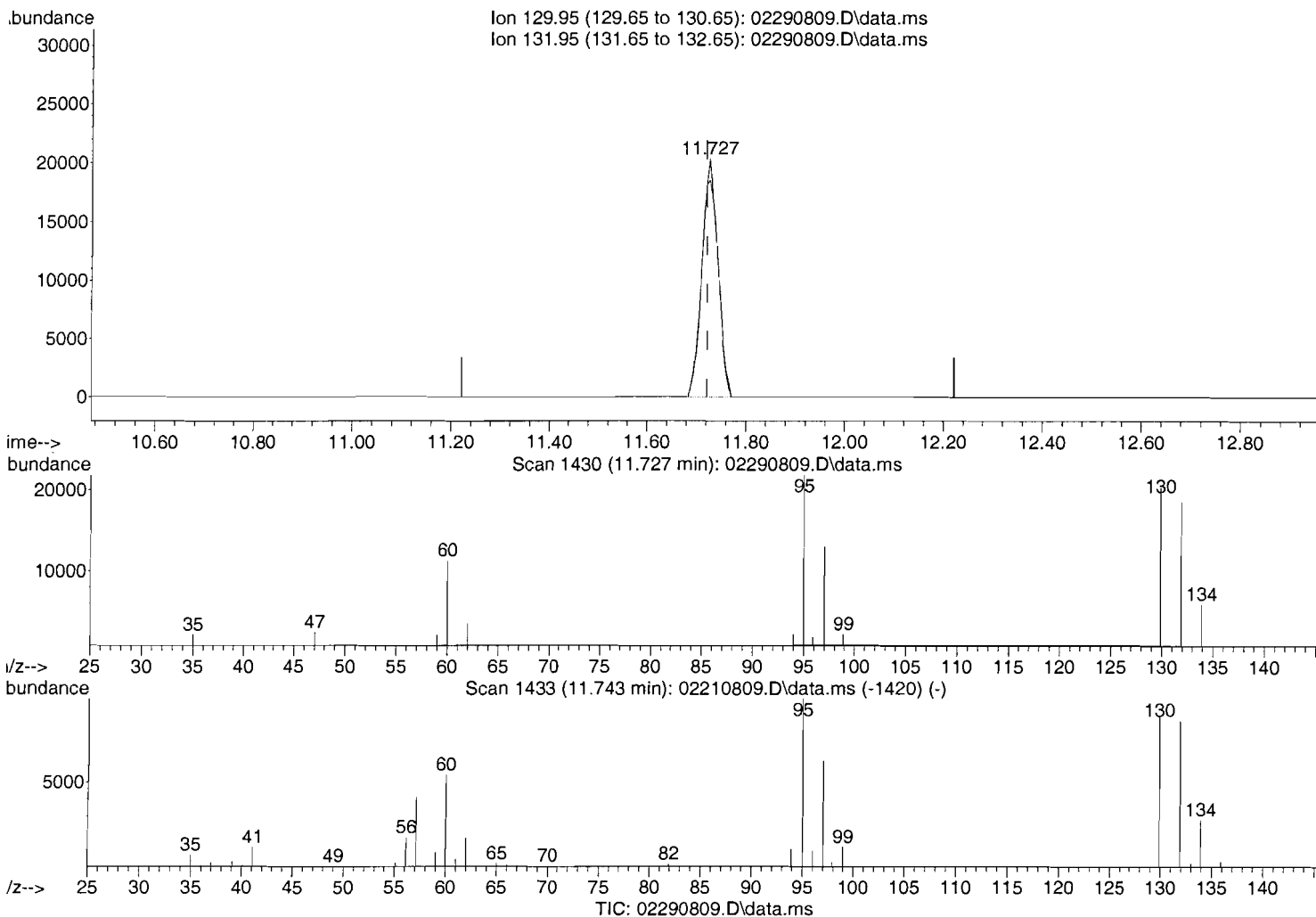
9.110min (+0.011) 7.36ng

response 201974

Ion	Exp%	Act%
83.00	100	100
85.00	65.10	65.56
0.00	0.00	0.00
0.00	0.00	0.00

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Data File : 02290809.D
Acq On : 29 Feb 2008 16:49
Operator : SC
Sample : P0800448-003 (250ml)
Misc : Walden SS-1 (0.3,3.8)
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Mar 03 08:50:10 2008
Quant Method : J:\MS08\Methods\R8022108.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Fri Feb 22 09:32:02 2008
Response via : Initial Calibration



(47) Trichloroethene (T)

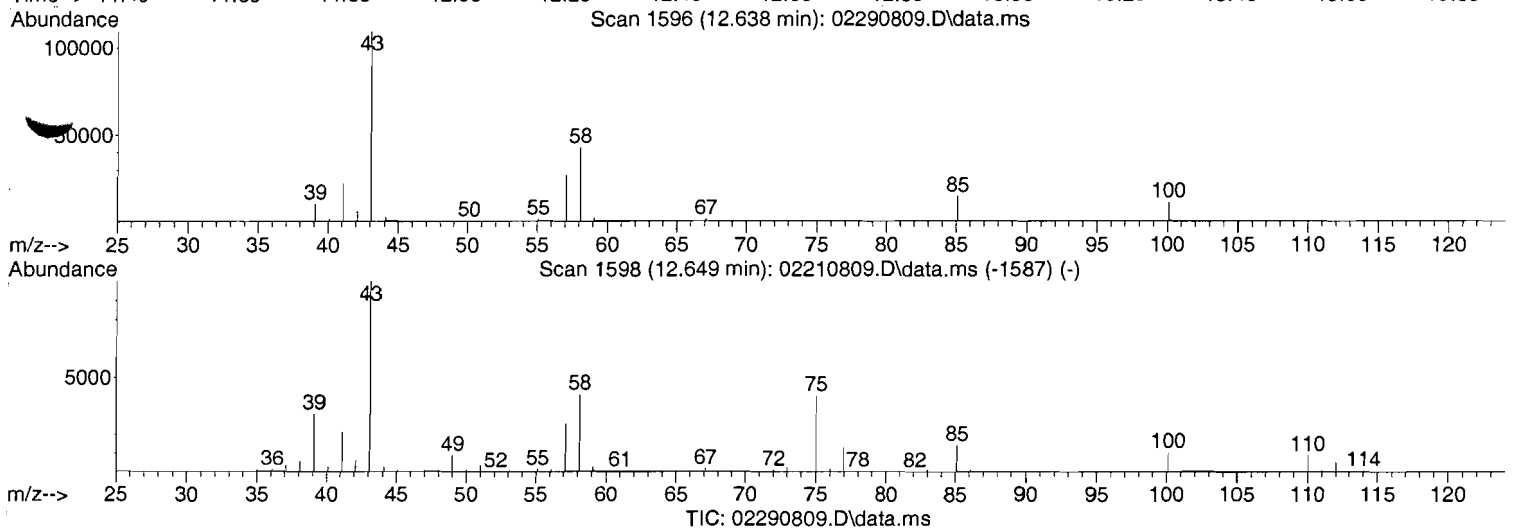
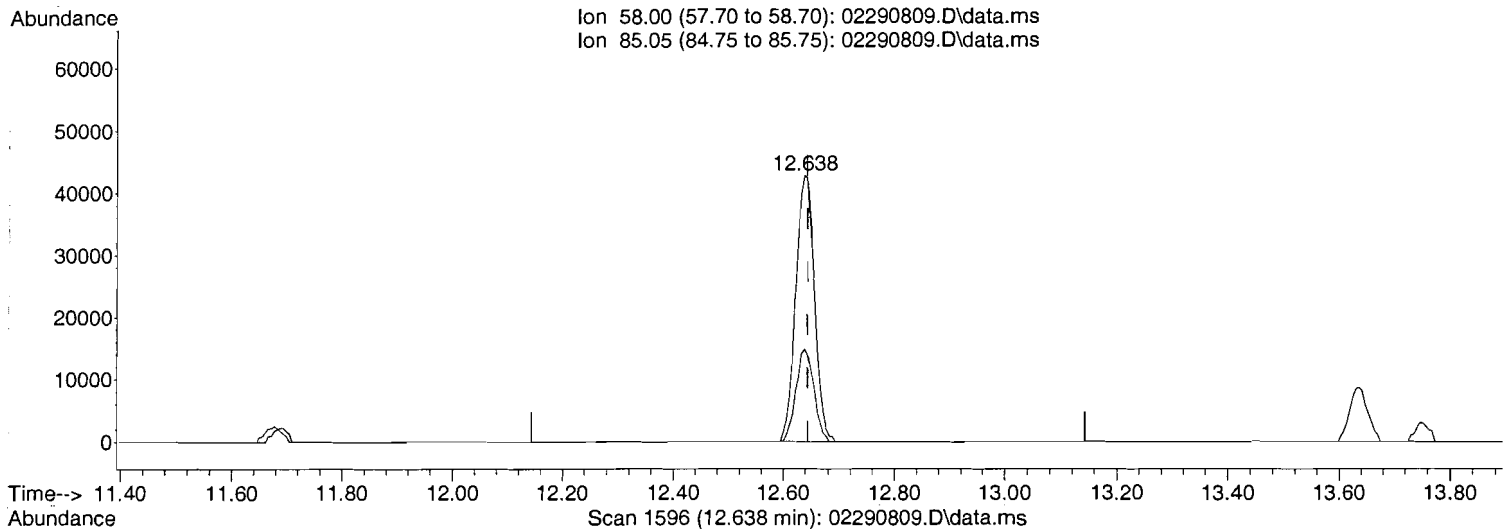
11.727min (+0.006) 2.64ng

response 45773

Ion	Exp%	Act%
129.95	100	100
131.95	94.70	97.44
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : J:\MS08\Data\2008_02\29\
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Operator : SC
Sample : P0800448-003 (250ml)
sc : Walden SS-1 (0.3,3.8)
S Vial : 14 Sample Multiplier: 1

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(53) 4-Methyl-2-pentanone (T)

12.638min (-0.005) 3.63ng

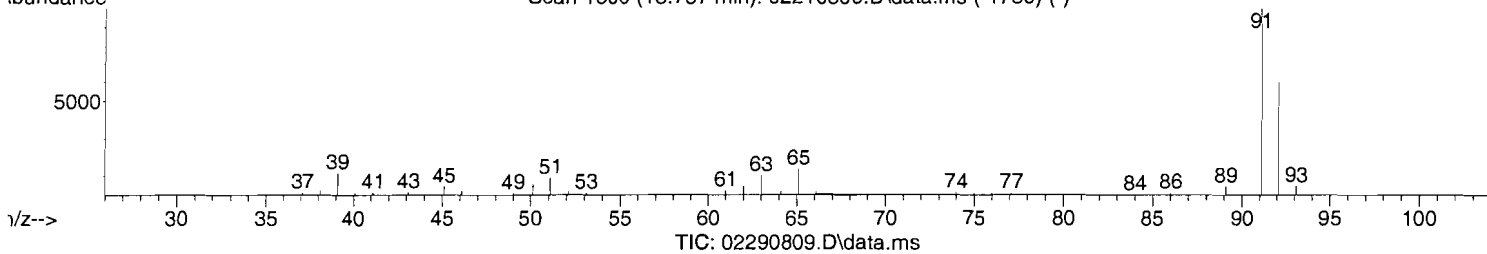
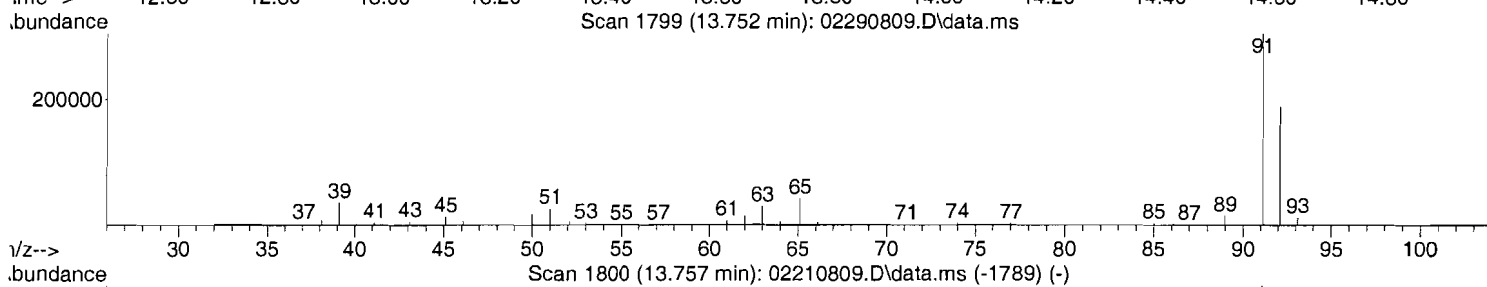
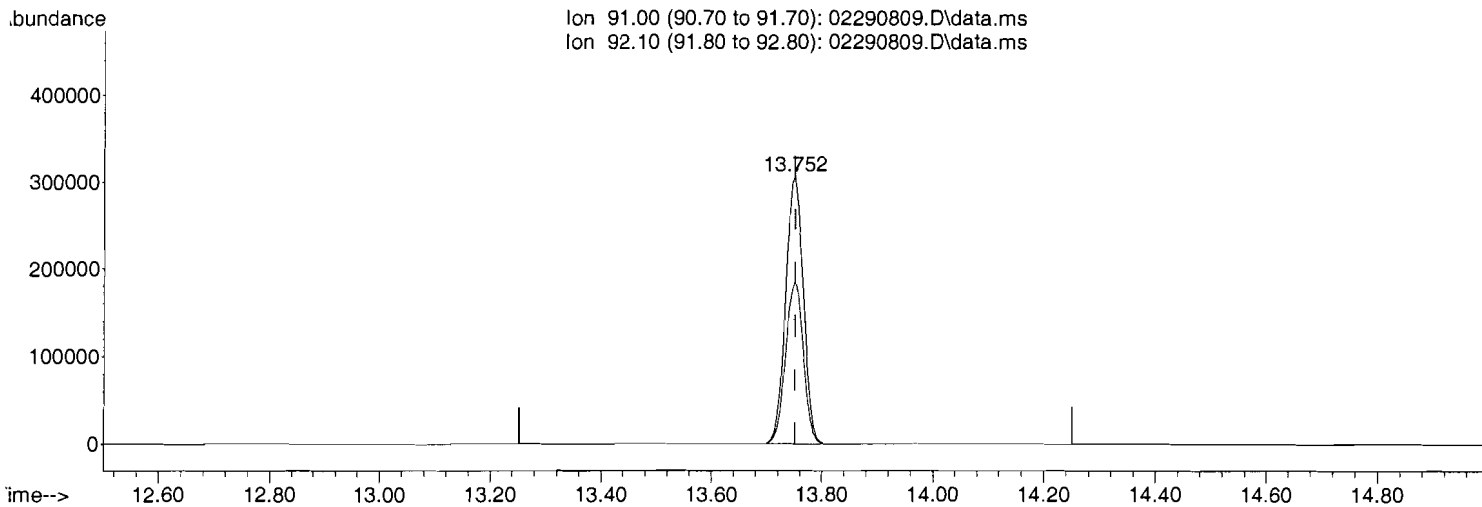
response 97316

Ion	Exp%	Act%
58.00	100	100
85.05	41.50	33.18
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : J:\MS08\Data\2008_02\29\
 Data File : 02290809.D
 Acq On : 29 Feb 2008 16:49
 Operator : SC
 Sample : P0800448-003 (250ml)
 Misc : Walden SS-1 (0.3,3.8)
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Mar 03 08:50:10 2008
 Quant Method : J:\MS08\Methods\R8022108.M
 Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 QLast Update : Fri Feb 22 09:32:02 2008
 Response via : Initial Calibration



(58) Toluene (T)

13.752min (+0.000) 8.43ng

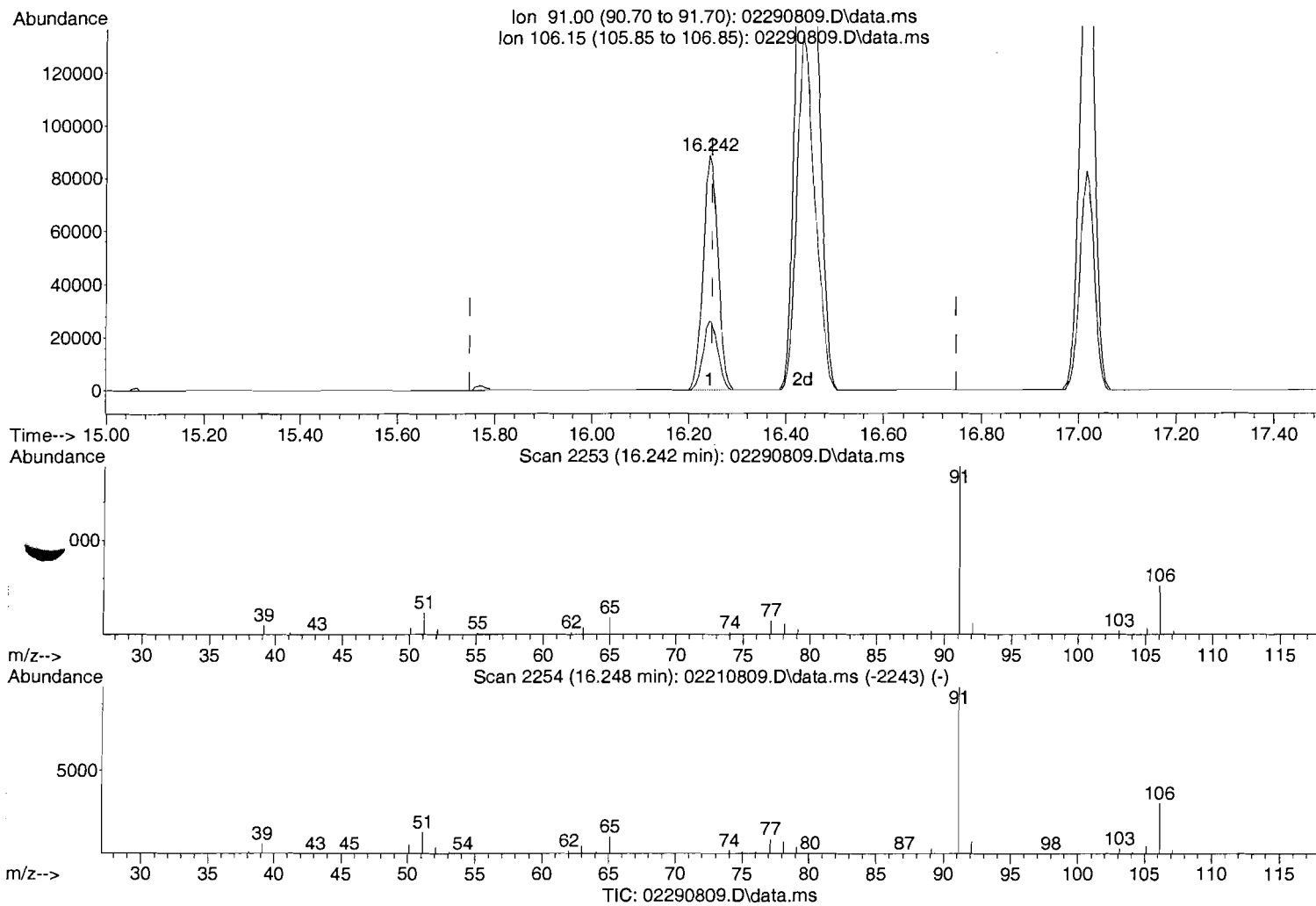
response 681747

Ion	Exp%	Act%
91.00	100	100
92.10	59.00	60.64
0.00	0.00	0.00
0.00	0.00	0.00

91

Data Path : J:\MS08\Data\2008_02\29\
Data File : 02290809.D
Acq On : 29 Feb 2008 16:49
Operator : SC
Sample : P0800448-003 (250ml)
sc : Walden SS-1 (0.3,3.8)
S Vial : 14 Sample Multiplier: 1

Quant Time: Mar 03 08:50:10 2008
Quant Method : J:\MS08\Methods\R8022108.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Fri Feb 22 09:32:02 2008
Response via : Initial Calibration



(66) Ethylbenzene (T)

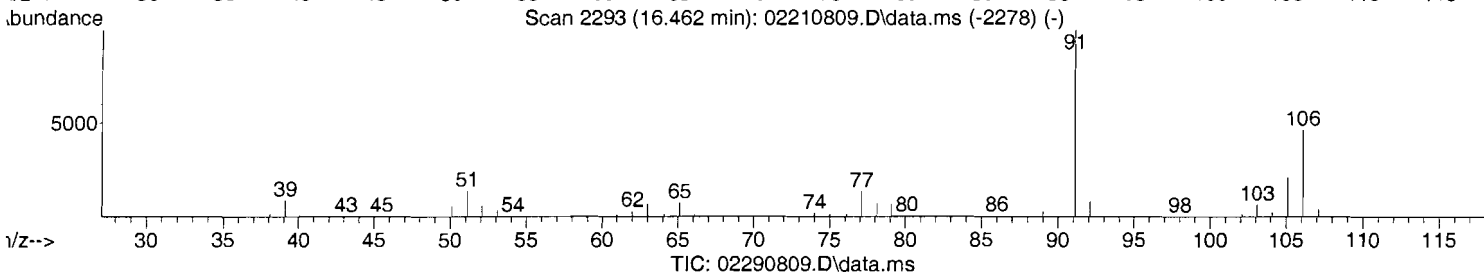
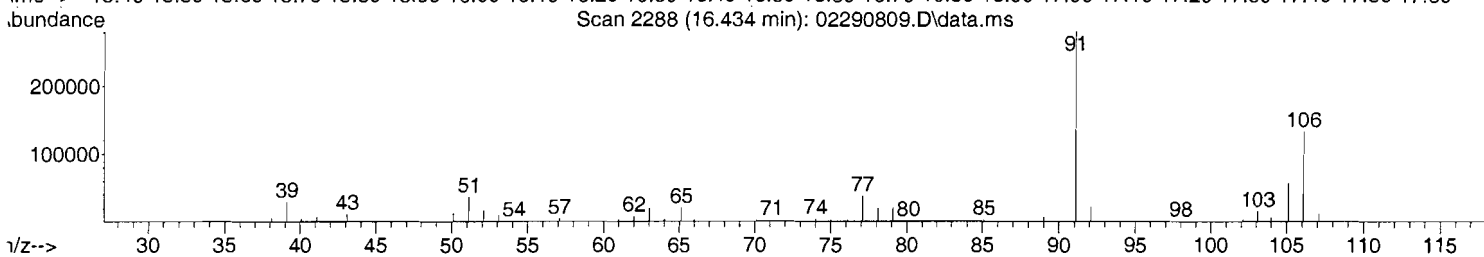
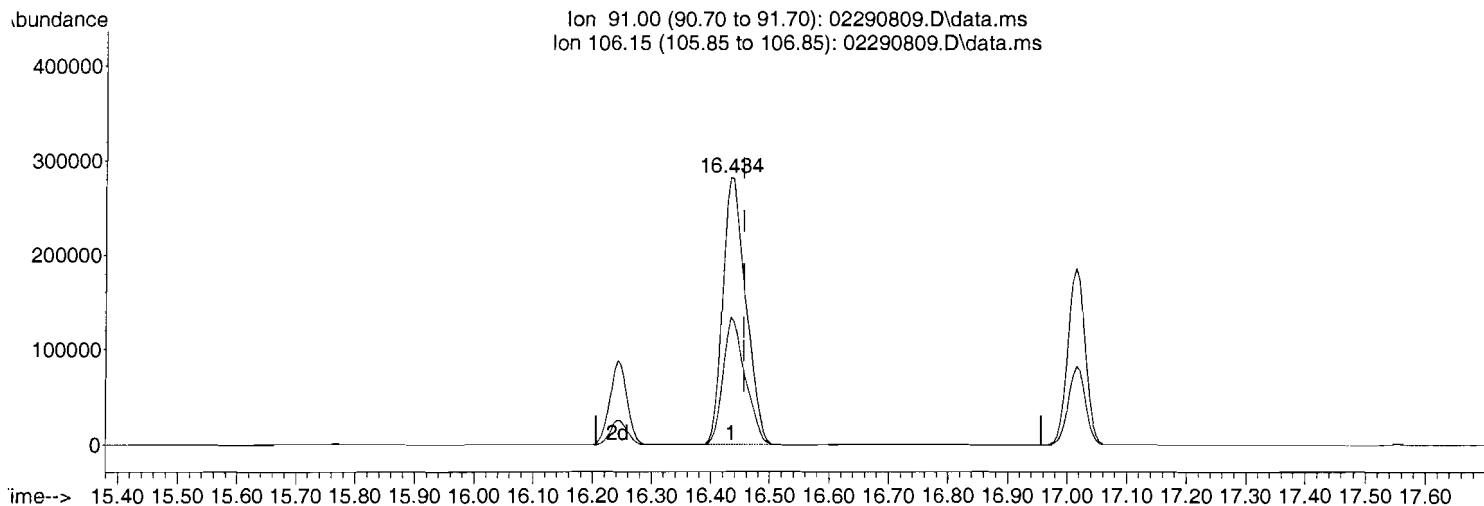
16.242min (-0.005) 1.88ng

response 182043

Ion	Exp%	Act%
91.00	100	100
106.15	31.40	29.55
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : J:\MS08\Data\2008_02\29\
Data File : 02290809.D
Acq On : 29 Feb 2008 16:49
Operator : SC
Sample : P0800448-003 (250ml)
Misc : Walden SS-1 (0.3,3.8)
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Mar 03 08:50:10 2008
Quant Method : J:\MS08\Methods\R8022108.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Fri Feb 22 09:32:02 2008
Response via : Initial Calibration



(67) m- & p-Xylene (T)

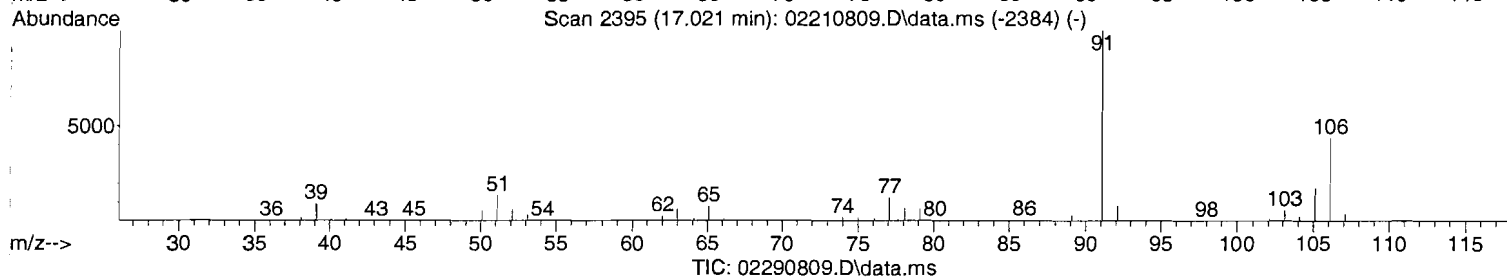
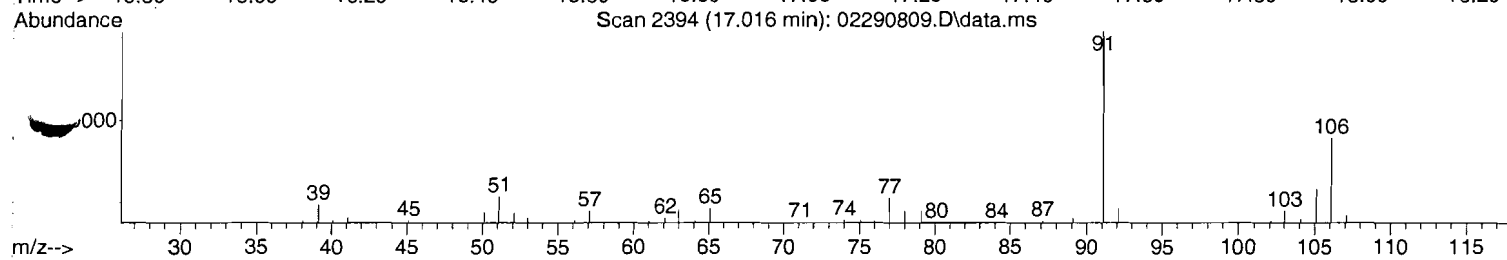
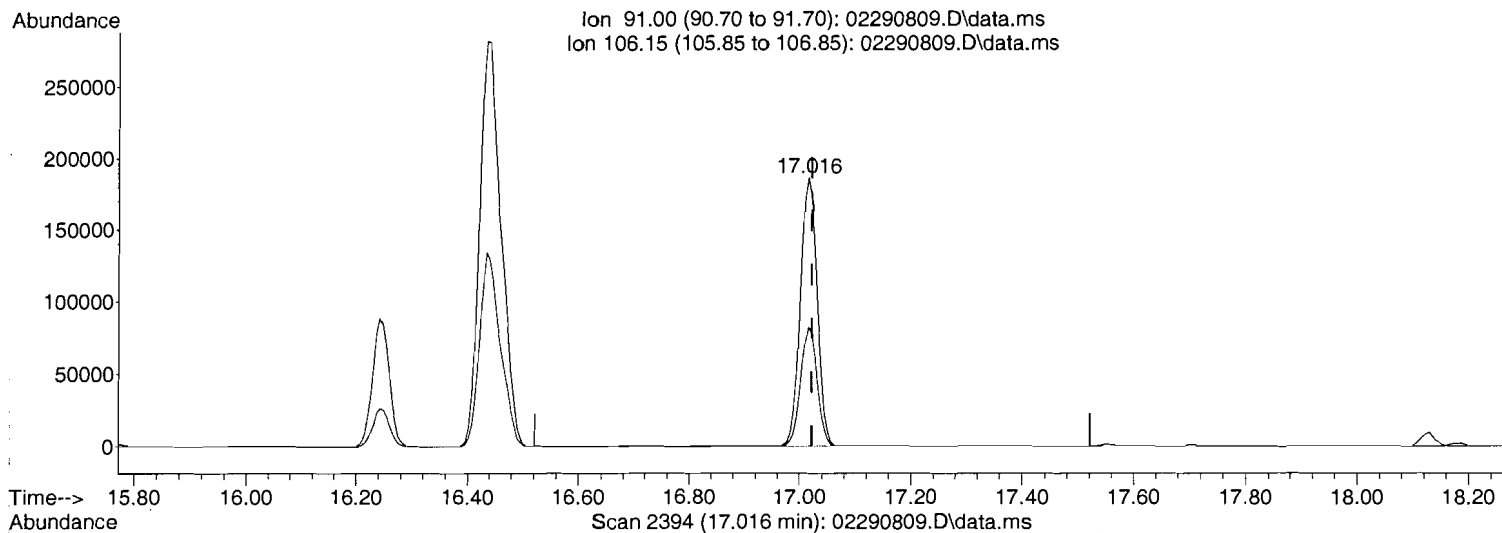
16.434min (-0.022) 11.67ng

response 762440

Ion	Exp%	Act%
91.00	100	100
106.15	48.60	45.75
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : J:\MS08\Data\2008_02\29\
Data File : 02290809.D
Acq On : 29 Feb 2008 16:49
Operator : SC
Sample : P0800448-003 (250ml)
sc : Walden SS-1 (0.3,3.8)
S Vial : 14 Sample Multiplier: 1

Quant Time: Mar 03 08:50:10 2008
Quant Method : J:\MS08\Methods\R8022108.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Fri Feb 22 09:32:02 2008
Response via : Initial Calibration



(70) o-Xylene (T)

17.016min (-0.005) 5.42ng

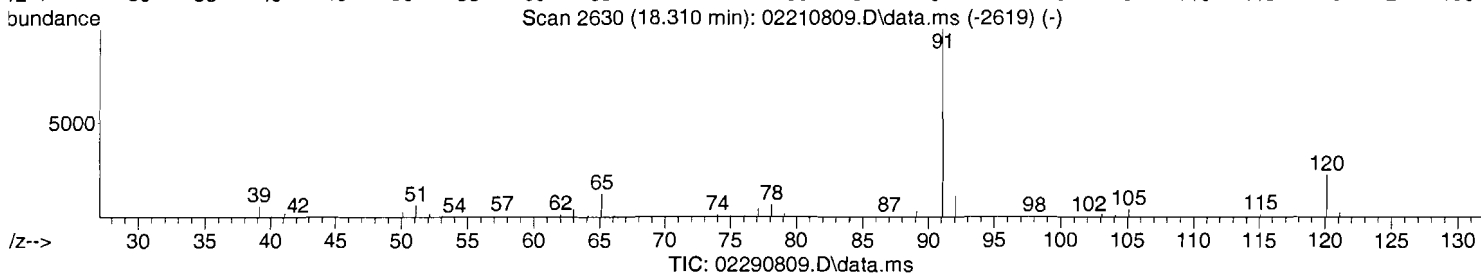
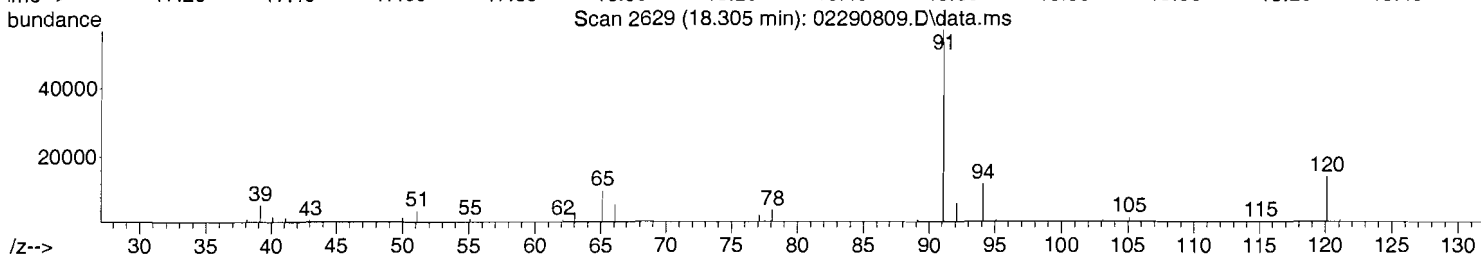
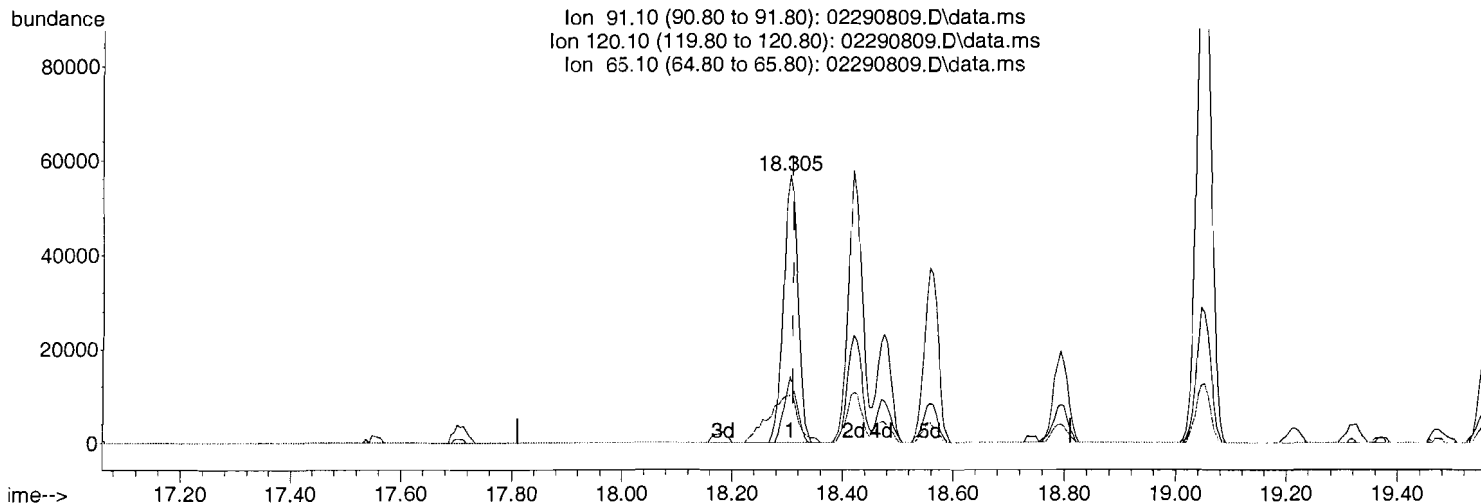
response 379966

Ion	Exp%	Act%
91.00	100	100
106.15	45.70	43.54
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : J:\MS08\Data\2008_02\29\
 Data File : 02290809.D
 Acq On : 29 Feb 2008 16:49
 Operator : SC
 Sample : P0800448-003 (250ml)
 Misc : Walden SS-1 (0.3,3.8)
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Mar 03 08:50:10 2008
 Quant Method : J:\MS08\Methods\R8022108.M
 Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 QLast Update : Fri Feb 22 09:32:02 2008
 Response via : Initial Calibration



(76) n-Propylbenzene (T)

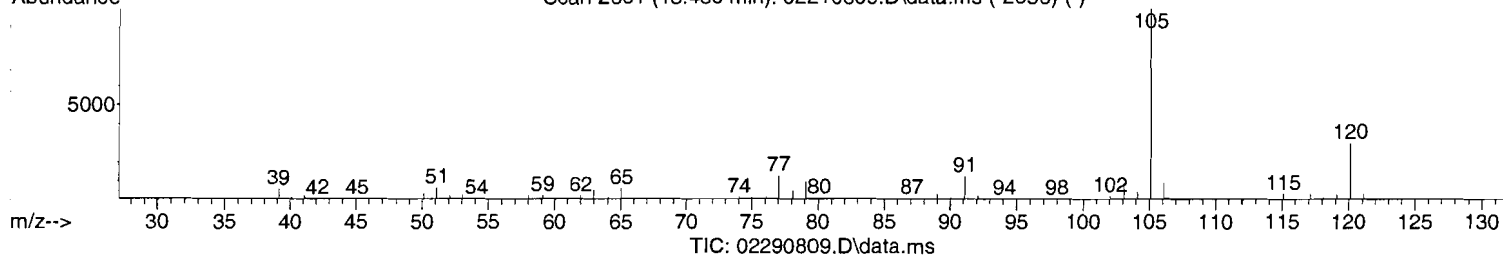
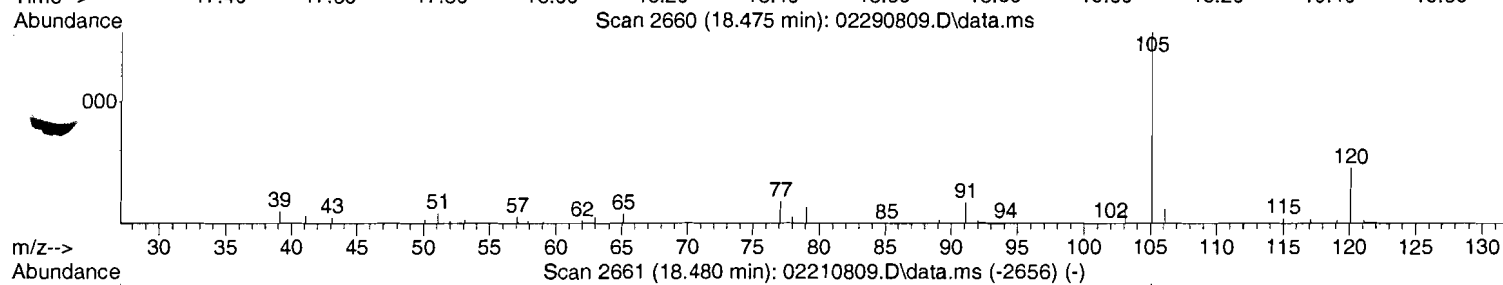
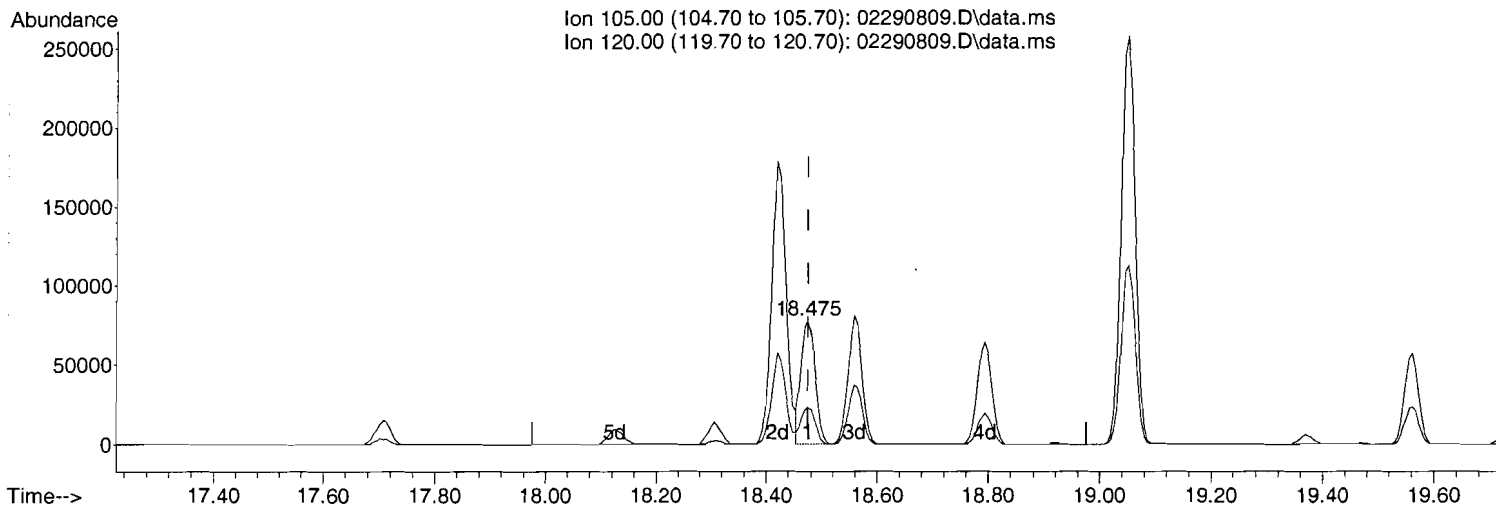
18.305min (-0.005) 0.92ng

response 103491

Ion	Exp%	Act%
91.10	100	100
120.10	21.90	21.93
65.10	10.40	36.36#
0.00	0.00	0.00

Data Path : J:\MS08\Data\2008_02\29\
Data File : 02290809.D
Acq On : 29 Feb 2008 16:49
Operator : SC
Sample : P0800448-003 (250ml)
sc : Walden SS-1 (0.3,3.8)
S Vial : 14 Sample Multiplier: 1

Quant Time: Mar 03 08:50:10 2008
Quant Method : J:\MS08\Methods\R8022108.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Fri Feb 22 09:32:02 2008
Response via : Initial Calibration



(78) 4-Ethyltoluene (T)

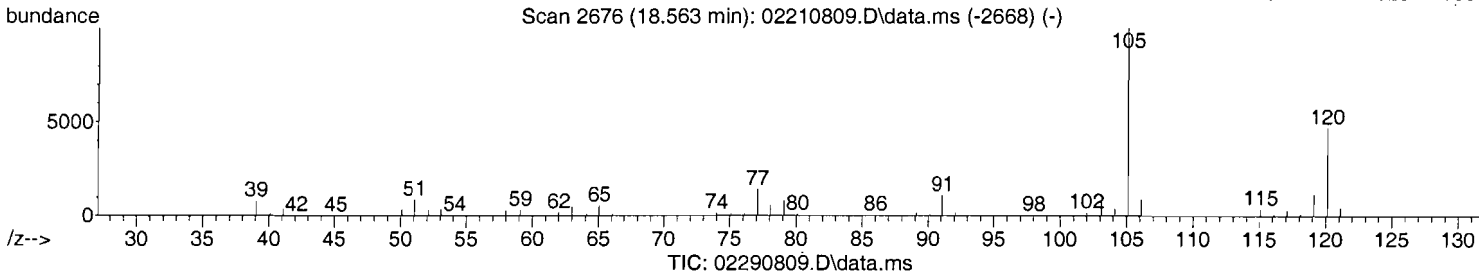
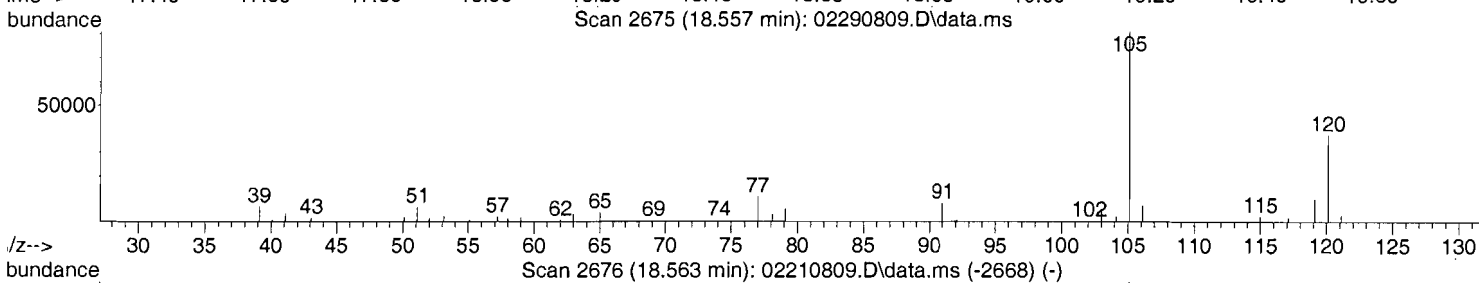
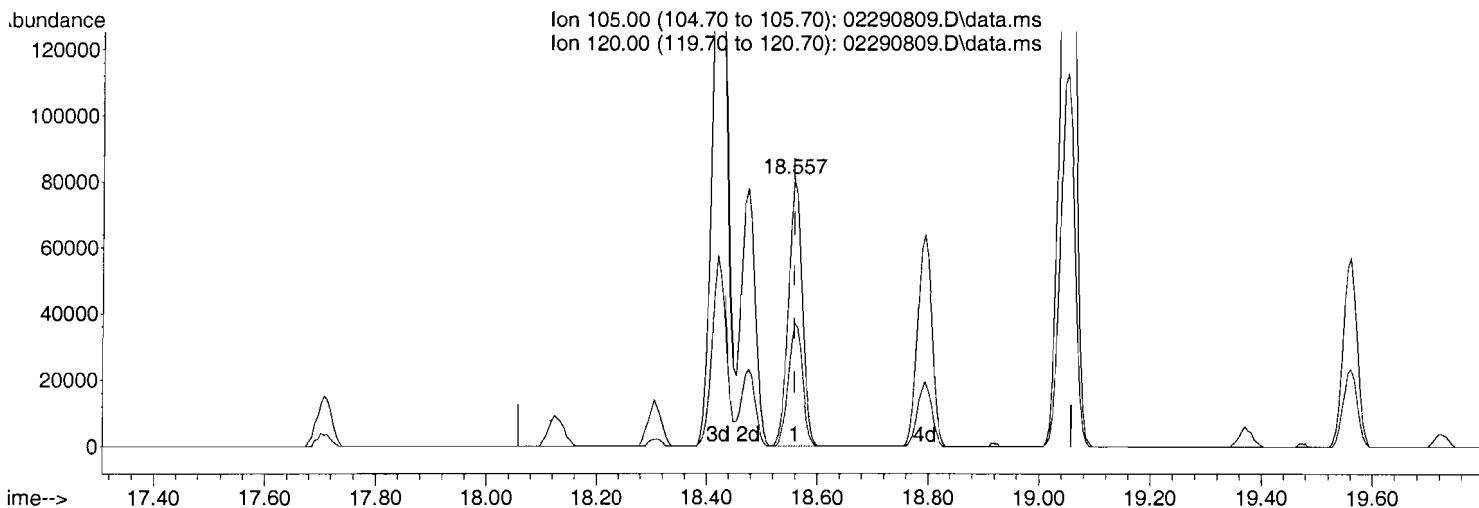
18.475min (+0.000) 1.50ng

response 132560

Ion	Exp%	Act%
105.00	100	100
120.00	29.70	29.96
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : J:\MS08\Data\2008_02\29\
Data File : 02290809.D
Acq On : 29 Feb 2008 16:49
Operator : SC
Sample : P0800448-003 (250ml)
Misc : Walden SS-1 (0.3,3.8)
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Mar 03 08:50:10 2008
Quant Method : J:\MS08\Methods\R8022108.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Fri Feb 22 09:32:02 2008
Response via : Initial Calibration



(79) 1,3,5-Trimethylbenzene (T)

18.557min (+0.000) 1.76ng

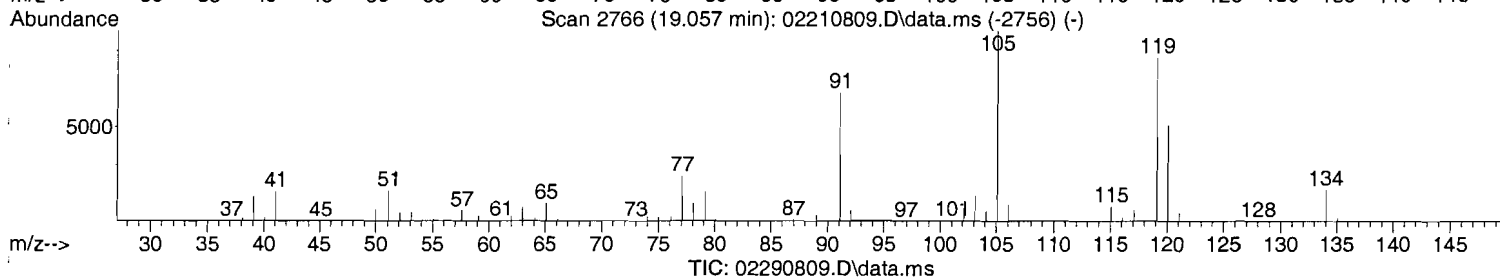
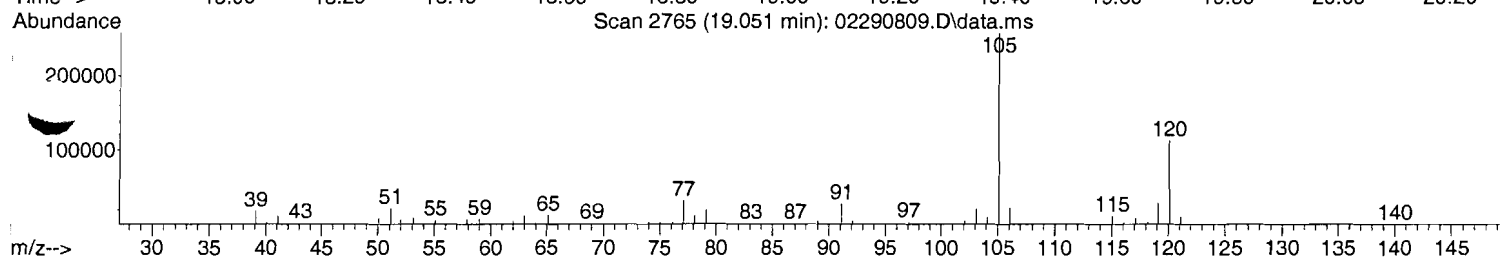
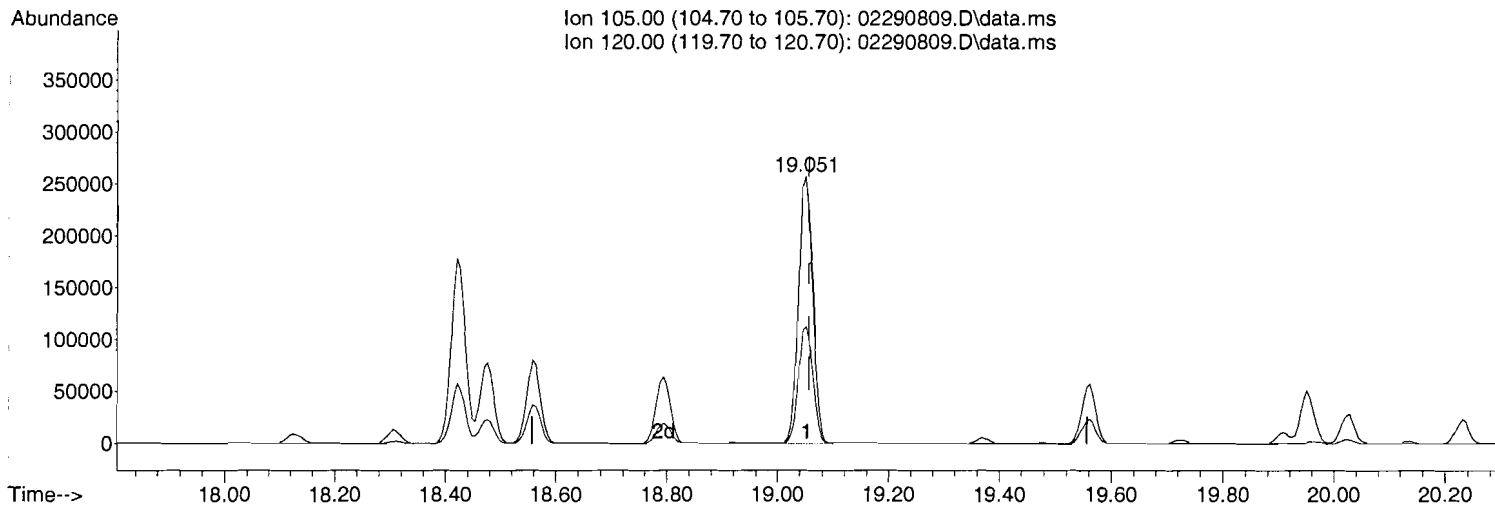
response 140673

Ion	Exp%	Act%
105.00	100	100
120.00	47.70	46.97
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : J:\MS08\Data\2008_02\29\
 Data File : 02290809.D
 Acq On : 29 Feb 2008 16:49
 Operator : SC
 Sample : P0800448-003 (250ml)
 sc : Walden SS-1 (0.3,3.8)
 S Vial : 14 Sample Multiplier: 1

Quant Time: Mar 03 08:50:10 2008
 Quant Method : J:\MS08\Methods\R8022108.M
 Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 QLast Update : Fri Feb 22 09:32:02 2008
 Response via : Initial Calibration



(82) 1,2,4-Trimethylbenzene (T)

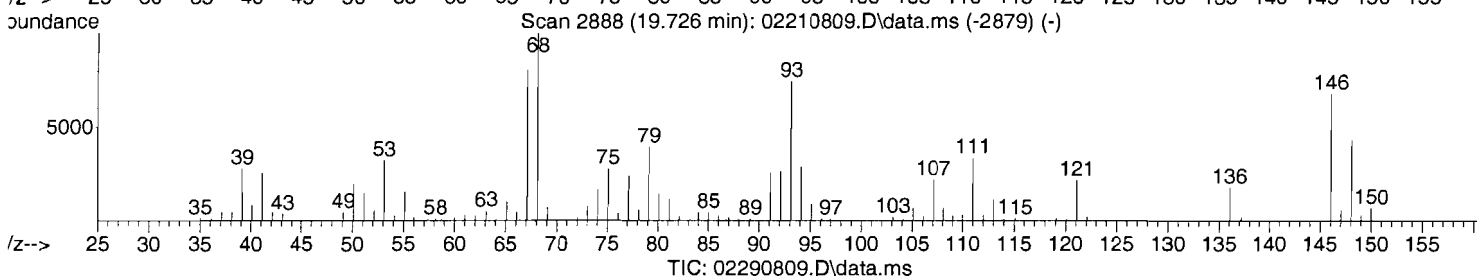
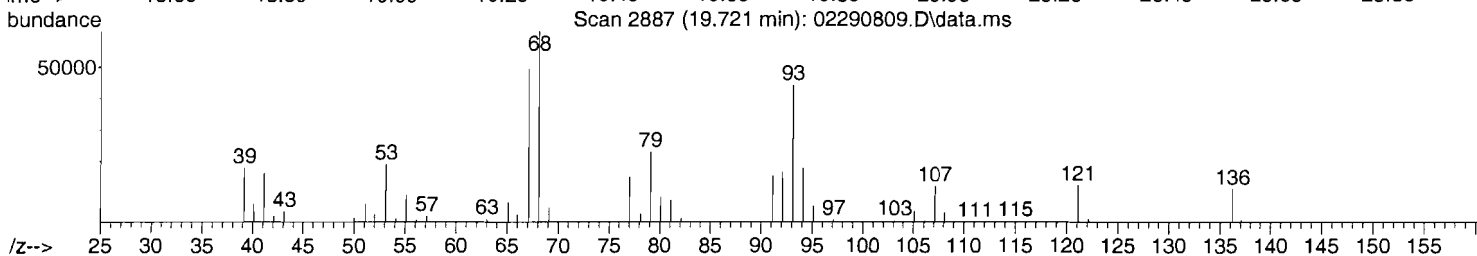
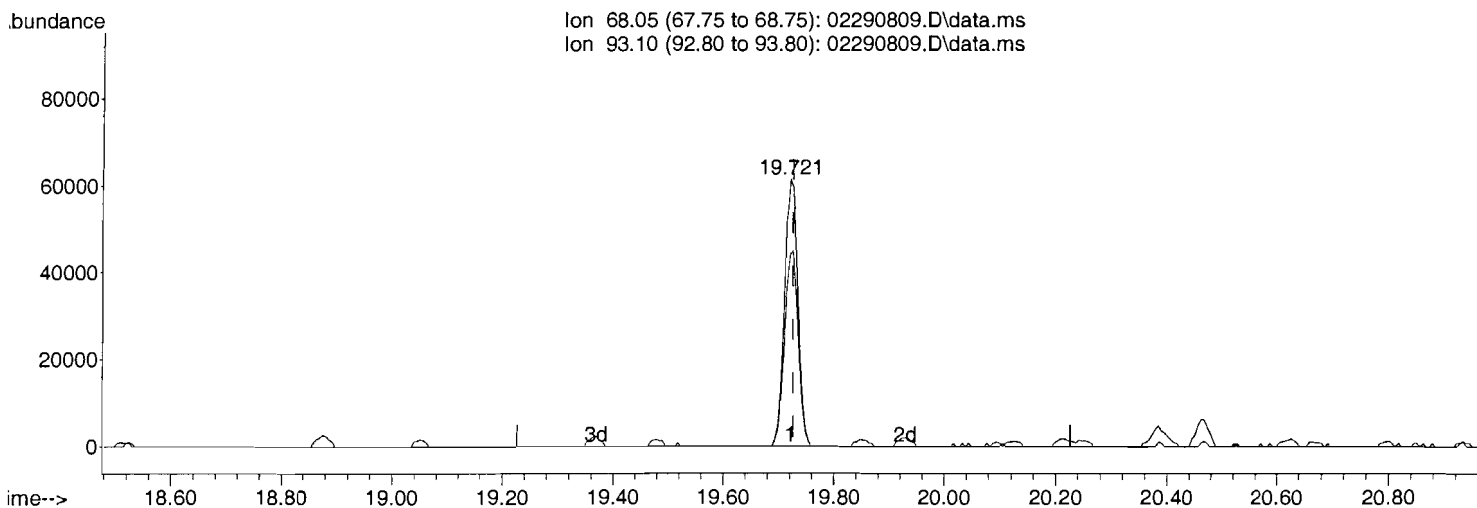
19.051min (-0.005) 5.66ng

response 451441

Ion	Exp%	Act%
105.00	100	100
120.00	50.80	44.37
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : J:\MS08\Data\2008_02\29\
Data File : 02290809.D
Acq On : 29 Feb 2008 16:49
Operator : SC
Sample : P0800448-003 (250ml)
Misc : Walden SS-1 (0.3,3.8)
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Mar 03 08:50:10 2008
Quant Method : J:\MS08\Methods\R8022108.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Fri Feb 22 09:32:02 2008
Response via : Initial Calibration



TIC: 02290809.D\data.ms

(91) d-Limonene (T)

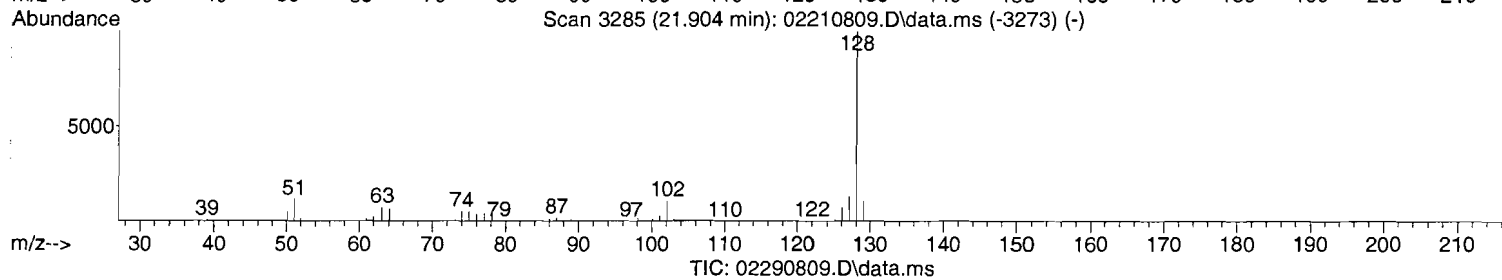
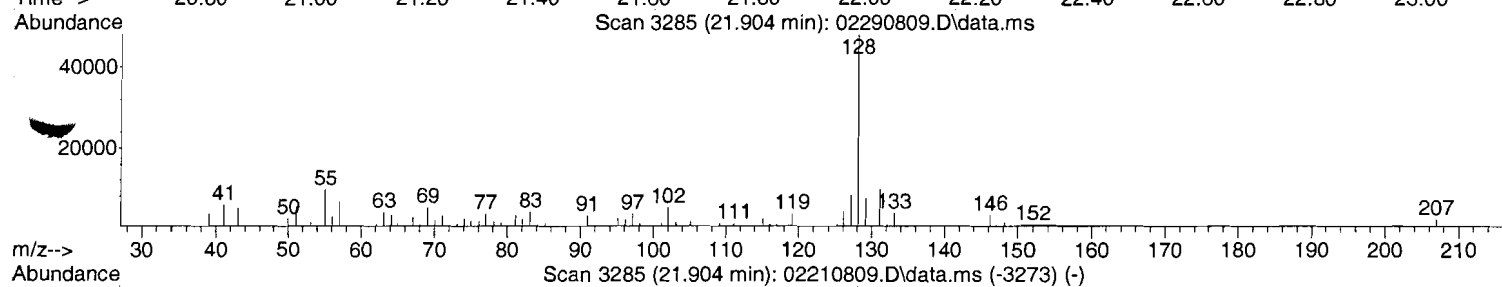
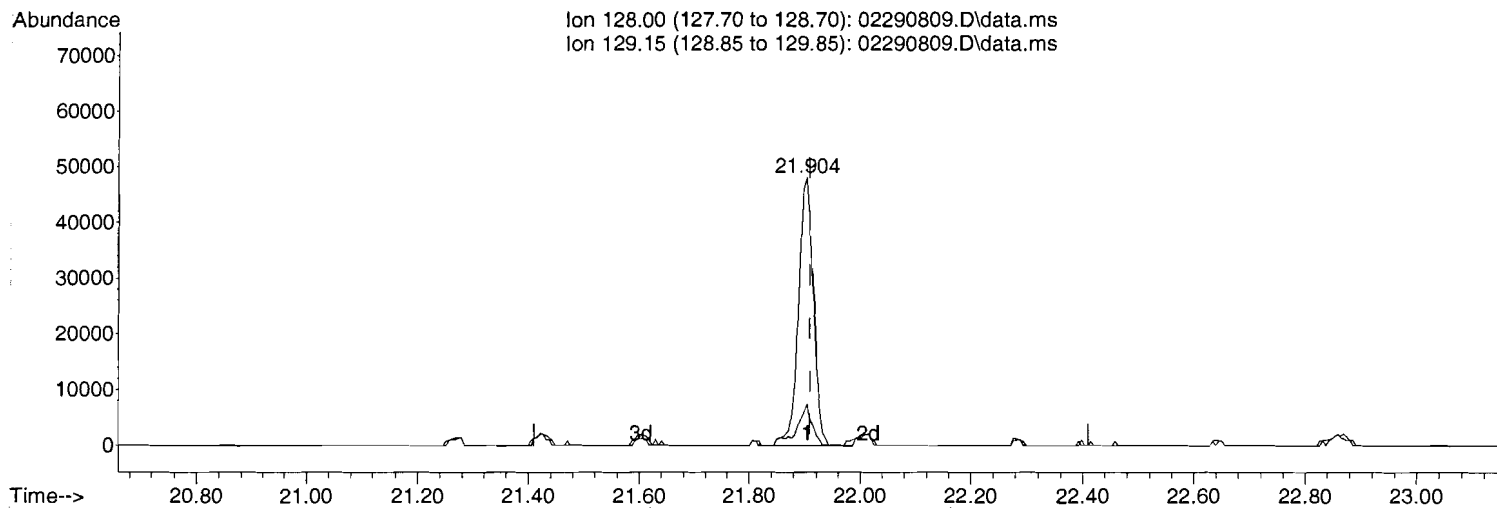
19.721min (-0.005) 3.30ng

response 102639

Ion	Exp%	Act%
68.05	100	100
93.10	70.20	74.55
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : J:\MS08\Data\2008_02\29\
Data File : 02290809.D
Acq On : 29 Feb 2008 16:49
Operator : SC
Sample : P0800448-003 (250ml)
sc : Walden SS-1 (0.3,3.8)
S Vial : 14 Sample Multiplier: 1

Quant Time: Mar 03 08:50:10 2008
Quant Method : J:\MS08\Methods\R8022108.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Fri Feb 22 09:32:02 2008
Response via : Initial Calibration



(95) Naphthalene (T)

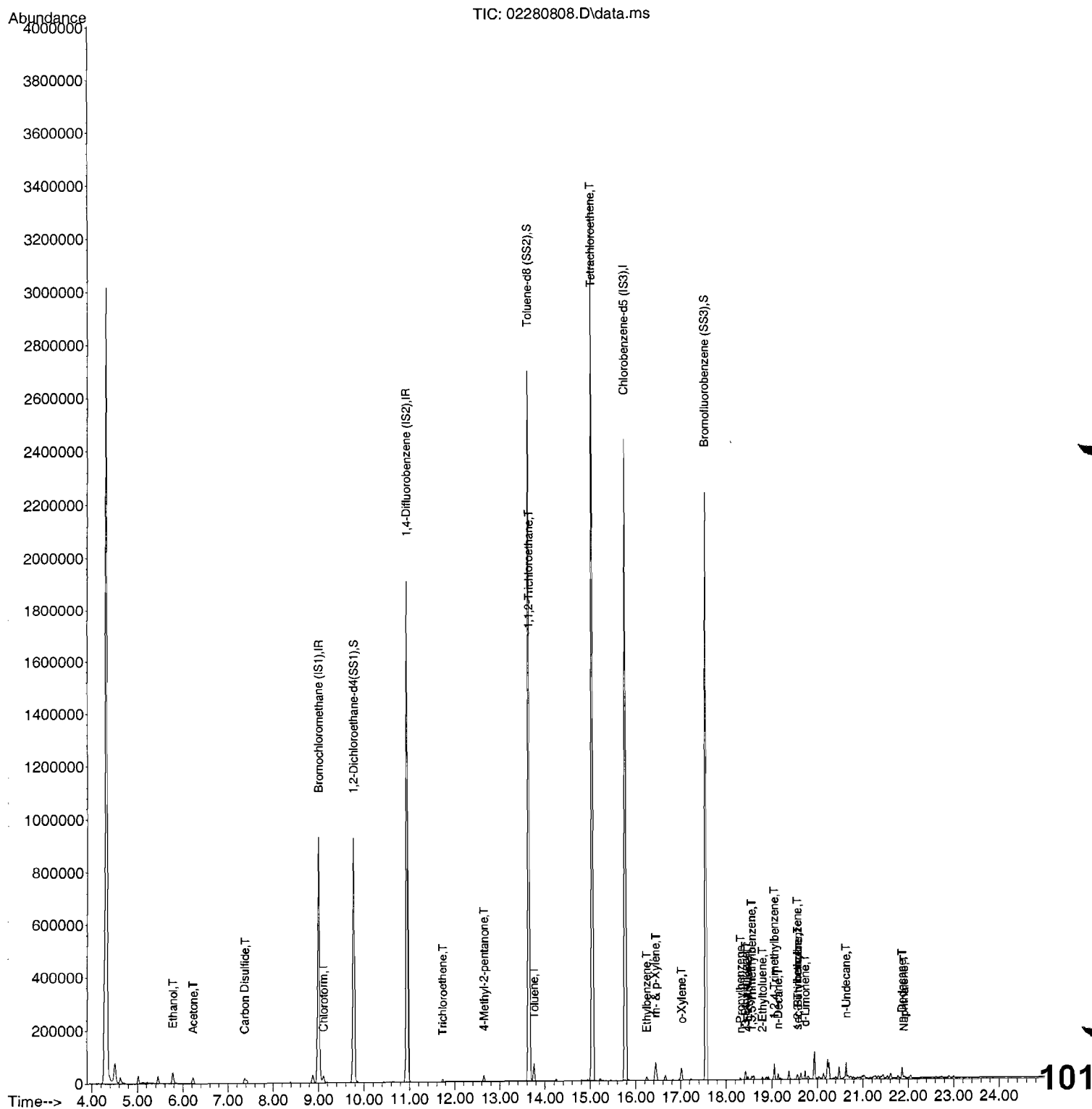
21.904min (-0.005) 0.92ng

response 88300

Ion	Exp%	Act%
128.00	100	100
129.15	11.10	15.53
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : J:\MS08\Data\2008_02\28\
Data File : 02280808.D
Acq On : 28 Feb 2008 16:15
Operator : SC
Sample : P0800448-003 Dil(25ml) ✓
Misc : Walden SS-1 (0.3,3.8)
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Feb 28 16:42:16 2008
Quant Method : J:\MS08\Methods\R8022108.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Fri Feb 22 09:32:02 2008
Response via : Initial Calibration



Data Path : J:\MS08\Data\2008_02\28\
 Data File : 02280808.D
 Acq On : 28 Feb 2008 16:15
 Operator : SC
 Sample : P0800448-003 Dil(25ml)
 'c : Walden SS-1 (0.3,3.8) ✓
 Vial : 14 Sample Multiplier: 1

Quant Time: Feb 28 16:42:16 2008
 Quant Method : J:\MS08\Methods\R8022108.M
 Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 QLast Update : Fri Feb 22 09:32:02 2008
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane (IS1)	8.99	130	375395	25.000	ng	0.00
37) 1,4-Difluorobenzene (IS2)	10.94	114	1791231	25.000	ng	0.00
56) Chlorobenzene-d5 (IS3)	15.77	82	1006246	25.000	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4(...)	9.77	65	874456	25.241	ng	0.00
Spiked Amount 25.000			Recovery	=	100.96%	✓
57) Toluene-d8 (SS2)	13.64	98	2090513	25.132	ng	0.00
Spiked Amount 25.000			Recovery	=	100.52%	✓
73) Bromofluorobenzene (SS3)	17.55	174	736455	25.303	ng	0.00
Spiked Amount 25.000			Recovery	=	101.20%	✓

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Propene	0.00	42	0	N.D.		
3) Dichlorodifluoromethane	4.71	85	1845	N.D.		
4) Chloromethane	0.00	50	0	N.D.		
5) Freon 114	0.00	135	0	N.D.		
6) Vinyl Chloride	0.00	62	0	N.D.		
7) 1,3-Butadiene	0.00	54	0	N.D.		
8) Bromomethane	0.00	94	0	N.D.		
9) Chloroethane	0.00	64	0	N.D.		
10) Ethanol	5.77	45	64240	2.848	ng	98
11) Acetonitrile	0.00	41	0	N.D.		
12) Acrolein	0.00	56	0	N.D.		
13) Acetone	6.22	58	8761	0.321	ng	# 70
14) Trichlorofluoromethane	0.00	101	0	N.D.		
15) Isopropanol	6.41	45	582	N.D.		
16) Acrylonitrile	0.00	53	0	N.D.		
17) 1,1-Dichloroethene	0.00	96	0	N.D.		
18) tert-Butanol	6.94	59	787	N.D.		
19) Methylene Chloride	0.00	84	0	N.D.		
20) Allyl Chloride	0.00	41	0	N.D.		
21) Trichlorotrifluoroethane	0.00	151	0	N.D.		
22) Carbon Disulfide	7.37	76	44352	0.426	ng	93
23) trans-1,2-Dichloroethene	0.00	61	0	N.D.		
24) 1,1-Dichloroethane	0.00	63	0	N.D.		
25) Methyl tert-Butyl Ether	0.00	73	0	N.D.		
26) Vinyl Acetate	0.00	86	0	N.D.		
27) 2-Butanone	0.00	72	0	N.D.		
28) cis-1,2-Dichloroethene	0.00	61	0	N.D.		
29) Diisopropyl Ether	9.11	87	569	N.D.		
30) Ethyl Acetate	0.00	61	0	N.D.		
31) n-Hexane	0.00	57	0	N.D.		
32) Chloroform	9.10	83	19629	0.596	ng	96
34) Tetrahydrofuran	0.00	72	0	N.D.		
35) Ethyl tert-Butyl Ether	0.00	87	0	N.D.		
36) 1,2-Dichloroethane	0.00	62	0	N.D.		
38) 1,1,1-Trichloroethane	0.00	97	0	N.D.		
39) Isopropyl Acetate	0.00	61	0	N.D.		
40) 1-Butanol	10.43	56	1215	N.D.		
41) Benzene	10.65	78	1729	N.D.		
42) Carbon Tetrachloride	0.00	117	0	N.D.		
43) Cyclohexane	10.94	84	282	N.D.		
44) tert-Amyl Methyl Ether	0.00	73	0	N.D.		
45) 1,2-Dichloropropane	0.00	63	0	N.D.		
46) Bromodichloromethane	0.00	83	0	N.D.		

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Data Path : J:\MS08\Data\2008_02\28\
 Data File : 02280808.D
 Acq On : 28 Feb 2008 16:15
 Operator : SC
 Sample : P0800448-003 Dil(25ml)
 Misc : Walden SS-1 (0.3,3.8)
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Feb 28 16:42:16 2008

Quant Method : J:\MS08\Methods\R8022108.M

Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)

QLast Update : Fri Feb 22 09:32:02 2008

Response via : Initial Calibration

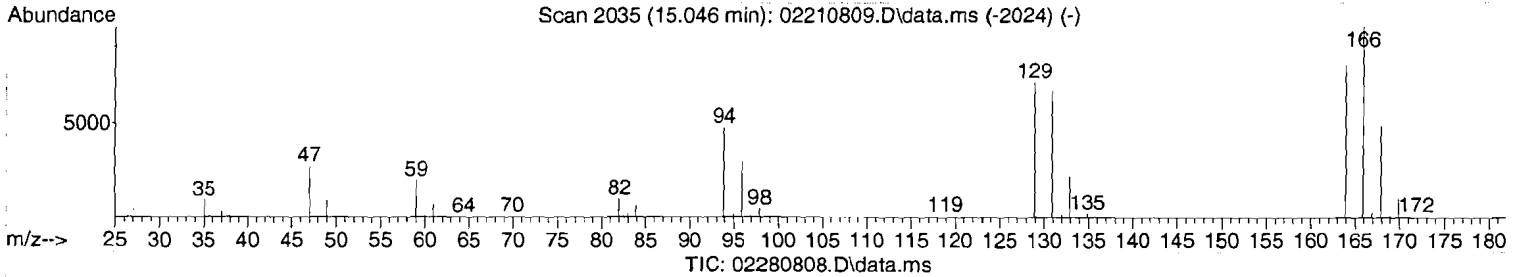
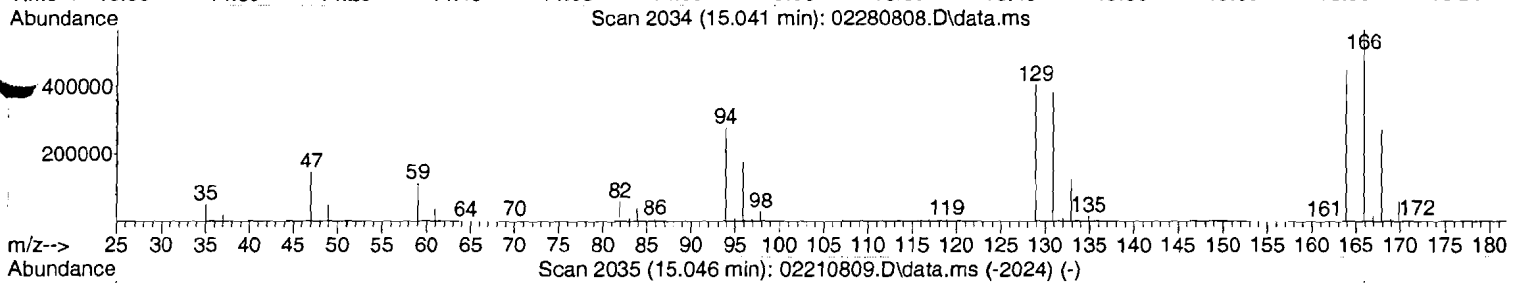
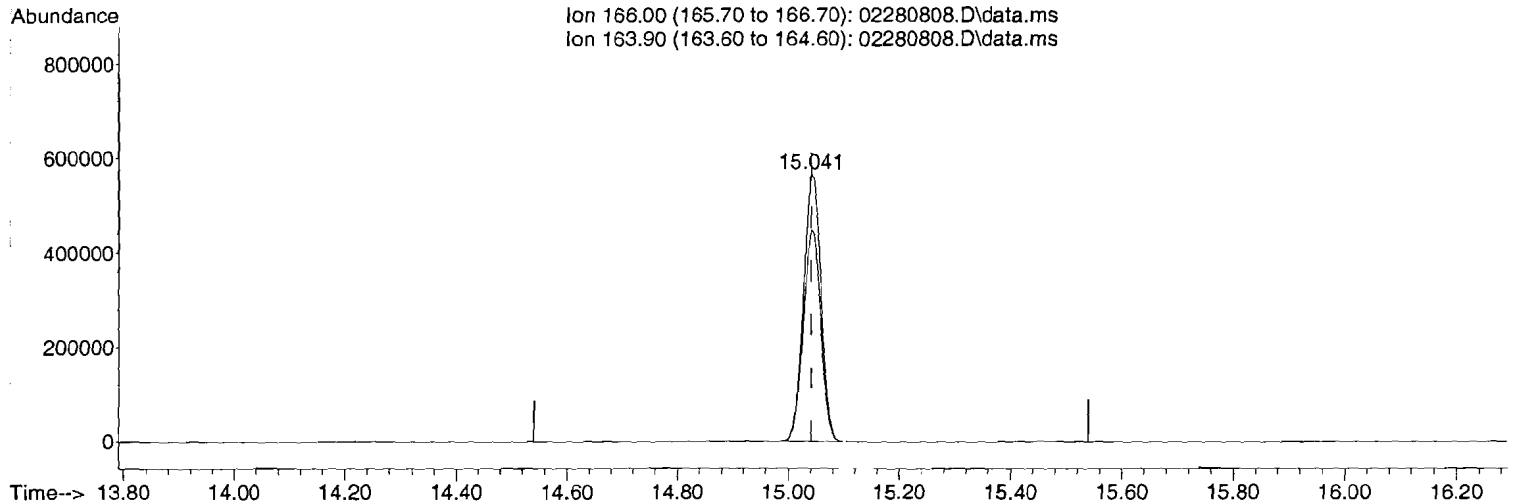
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) Trichloroethene	11.73	130	3529	0.170	ng	98
48) 1,4-Dioxane	0.00	88	0	N.D.		
49) Isooctane	0.00	57	0	N.D.		
50) Methyl Methacrylate	0.00	100	0	N.D.		
51) n-Heptane	0.00	71	0	N.D.		
52) cis-1,3-Dichloropropene	0.00	75	0	N.D.		
53) 4-Methyl-2-pentanone	12.64	58	8198	0.255	ng	69
54) trans-1,3-Dichloropropene	0.00	75	0	N.D.		
55) 1,1,2-Trichloroethane	13.65	97	177511	8.389	ng	# 7
58) Toluene	13.75	91	59613	0.620	ng	95
59) 2-Hexanone	14.25	43	1218	N.D.		
60) Dibromochloromethane	0.00	129	0	N.D.		
61) 1,2-Dibromoethane	0.00	107	0	N.D.		
62) Butyl Acetate	14.81	43	1318	N.D.		
63) n-Octane	0.00	57	0	N.D.		
64) Tetrachloroethene	15.04	166	1240234	50.355	ng	99
65) Chlorobenzene	0.00	112	0	N.D.		
66) Ethylbenzene	16.24	91	16096	0.140	ng	85
67) m- & p-Xylene	16.43	91	66341	0.855	ng	97
68) Bromoform	0.00	173	0	N.D.		
69) Styrene	0.00	104	0	N.D.		
70) o-Xylene	17.02	91	33280	0.400	ng	98
71) n-Nonane	17.23	43	1751	N.D.		
72) 1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.		
74) Cumene	17.70	105	1965	N.D.		
75) alpha-Pinene	0.00	93	0	N.D.		
76) n-Propylbenzene	18.31	91	8380	0.063	ng	# 83
77) 3-Ethyltoluene	18.43	105	28379	0.249	ng	96
78) 4-Ethyltoluene	18.48	105	11901	0.113	ng	97
79) 1,3,5-Trimethylbenzene	18.56	105	11551	0.121	ng	99
80) alpha-Methylstyrene	0.00	118	0	N.D.		
81) 2-Ethyltoluene	18.79	105	9979	0.089	ng	95
82) 1,2,4-Trimethylbenzene	19.05	105	41255	0.435	ng	87
83) n-Decane	19.13	57	10704	0.146	ng	75
84) Benzyl Chloride	19.05	91	3632	N.D.		
85) 1,3-Dichlorobenzene	19.33	146	262	N.D.		
86) 1,4-Dichlorobenzene	19.33	146	262	N.D.		
87) sec-Butylbenzene	19.56	105	8217	0.070	ng	# 63
88) p-Isopropyltoluene	19.56	119	1630	N.D.		
89) 1,2,3-Trimethylbenzene	19.56	105	8217	0.089	ng	90
90) 1,2-Dichlorobenzene	0.00	146	0	N.D.		
91) d-Limonene	19.73	68	9079	0.246	ng	95
92) 1,2-Dibromo-3-Chloropr...	0.00	157	0	N.D.		
93) n-Undecane	20.63	57	27040	0.354	ng	86
94) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.		
95) Naphthalene	21.90	128	7401	0.065	ng	80
96) n-Dodecane	21.85	57	17936	0.246	ng	77
97) Hexachloro-1,3-butadiene	0.00	225	0	N.D.		

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

Quantitation Report (Qedit)

Data Path : J:\MS08\Data\2008_02\28\
 Data File : 02280808.D
 Acq On : 28 Feb 2008 16:15
 Operator : SC
 Sample : P0800448-003 Dil(25ml)
 Misc : Walden SS-1 (0.3,3.8)
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Feb 28 16:42:16 2008
 Quant Method : J:\MS08\Methods\R8022108.M
 Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 QLast Update : Fri Feb 22 09:32:02 2008
 Response via : Initial Calibration



(64) Tetrachloroethene (T)

15.041min (+0.000) 50.35ng

response 1240234

Ion	Exp%	Act%
166.00	100	100
163.90	78.10	78.69
0.00	0.00	0.00
0.00	0.00	0.00

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Page 1 of 3

Client: **Walden Environmental Engineering, PLLC**Client Sample ID: **SV-1**Client Project ID: **Bayville Village Cleaners / BVC0106**

CAS Project ID: P0800448

CAS Sample ID: P0800448-004

Test Code: EPA TO-15

Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8

Analyst: Simon Cao

Sampling Media: 6.0 L Summa Canister

Test Notes:

Container ID: SC00857

Date Collected: 2/22/08

Date Received: 2/26/08

Date Analyzed: 2/28 - 2/29/08

Volume(s) Analyzed: 0.25 Liter(s)

0.025 Liter(s)

Initial Pressure (psig): 0.8 Final Pressure (psig): 3.8

Canister Dilution Factor: 1.19

CAS #	Compound	Result $\mu\text{g}/\text{m}^3$	MRL $\mu\text{g}/\text{m}^3$	Result ppbV	MRL ppbV	Data Qualifier
115-07-1	Propene	58	2.4	34	1.4	
75-71-8	Dichlorodifluoromethane (CFC 12)	2.5	2.4	0.52	0.48	
74-87-3	Chloromethane	ND	2.4	ND	1.2	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	ND	2.4	ND	0.34	
75-01-4	Vinyl Chloride	ND	2.4	ND	0.93	
106-99-0	1,3-Butadiene	8.6	2.4	3.9	1.1	
74-83-9	Bromomethane	ND	2.4	ND	0.61	
75-00-3	Chloroethane	ND	2.4	ND	0.90	
64-17-5	Ethanol	150	24	78	13	
75-05-8	Acetonitrile	ND	2.4	ND	1.4	
107-02-8	Acrolein	ND	2.4	ND	1.0	
67-64-1	Acetone	30	24	13	10	
75-69-4	Trichlorofluoromethane	ND	2.4	ND	0.42	
67-63-0	2-Propanol (Isopropyl Alcohol)	3.7	2.4	1.5	0.97	
107-13-1	Acrylonitrile	ND	2.4	ND	1.1	
75-35-4	1,1-Dichloroethene	ND	2.4	ND	0.60	
75-09-2	Methylene Chloride	ND	2.4	ND	0.69	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	ND	2.4	ND	0.76	
76-13-1	Trichlorotrifluoroethane	ND	2.4	ND	0.31	
75-15-0	Carbon Disulfide	2.8	2.4	0.89	0.76	
156-60-5	trans-1,2-Dichloroethene	ND	2.4	ND	0.60	
75-34-3	1,1-Dichloroethane	ND	2.4	ND	0.59	
1634-04-4	Methyl tert-Butyl Ether	ND	2.4	ND	0.66	
108-05-4	Vinyl Acetate	ND	24	ND	6.8	
78-93-3	2-Butanone (MEK)	24	2.4	8.3	0.81	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RCDate: 3/11/08

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Page 2 of 3

Client: **Walden Environmental Engineering, PLLC**Client Sample ID: **SV-1**Client Project ID: **Bayville Village Cleaners / BVC0106**CAS Project ID: **P0800448**CAS Sample ID: **P0800448-004**Test Code: **EPA TO-15**Instrument ID: **Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8**Analyst: **Simon Cao**Sampling Media: **6.0 L Summa Canister**

Test Notes:

Container ID: **SC00857**Date Collected: **2/22/08**Date Received: **2/26/08**Date Analyzed: **2/28 - 2/29/08**Volume(s) Analyzed: **0.25 Liter(s)**
0.025 Liter(s)Initial Pressure (psig): **0.8** Final Pressure (psig): **3.8**Canister Dilution Factor: **1.19**

CAS #	Compound	Result µg/m ³	MRL µg/m ³	Result ppbV	MRL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	ND	2.4	ND	0.60	
141-78-6	Ethyl Acetate	ND	2.4	ND	0.66	
110-54-3	n-Hexane	4.8	2.4	1.4	0.68	
67-66-3	Chloroform	ND	2.4	ND	0.49	
109-99-9	Tetrahydrofuran (THF)	ND	2.4	ND	0.81	
107-06-2	1,2-Dichloroethane	ND	2.4	ND	0.59	
71-43-5	1,1,1-Trichloroethane	ND	2.4	ND	0.44	
71-43-2	Benzene	4.3	2.4	1.3	0.75	
56-23-5	Carbon Tetrachloride	ND	2.4	ND	0.38	
110-82-7	Cyclohexane	ND	2.4	ND	0.69	
78-87-5	1,2-Dichloropropane	ND	2.4	ND	0.52	
75-27-4	Bromodichloromethane	ND	2.4	ND	0.36	
79-01-6	Trichloroethene	3.5	2.4	0.65	0.44	
123-91-1	1,4-Dioxane	ND	2.4	ND	0.66	
80-62-6	Methyl Methacrylate	ND	2.4	ND	0.58	
142-82-5	n-Heptane	2.7	2.4	0.65	0.58	
10061-01-5	cis-1,3-Dichloropropene	ND	2.4	ND	0.52	
108-10-1	4-Methyl-2-pentanone	3.5	2.4	0.85	0.58	
10061-02-6	trans-1,3-Dichloropropene	ND	2.4	ND	0.52	
79-00-5	1,1,2-Trichloroethane	ND	2.4	ND	0.44	
108-88-3	Toluene	6.9	2.4	1.8	0.63	
591-78-6	2-Hexanone	3.0	2.4	0.73	0.58	
124-48-1	Dibromochloromethane	ND	2.4	ND	0.28	
106-93-4	1,2-Dibromoethane	ND	2.4	ND	0.31	
123-86-4	n-Butyl Acetate	7.1	2.4	1.5	0.50	M

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

M = Matrix interference due to coelution with a non-target compound; results may be biased high.

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Page 3 of 3

Client: **Walden Environmental Engineering, PLLC**
 Client Sample ID: **SV-1**
 Client Project ID: **Bayville Village Cleaners / BVC0106**

CAS Project ID: P0800448
 CAS Sample ID: P0800448-004

Test Code: EPA TO-15
 Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
 Analyst: Simon Cao
 Sampling Media: 6.0 L Summa Canister
 Test Notes:
 Container ID: SC00857

Date Collected: 2/22/08
 Date Received: 2/26/08
 Date Analyzed: 2/28 - 2/29/08
 Volume(s) Analyzed: 0.25 Liter(s)
 0.025 Liter(s)

Initial Pressure (psig): 0.8 Final Pressure (psig): 3.8

Canister Dilution Factor: 1.19

CAS #	Compound	Result $\mu\text{g}/\text{m}^3$	MRL $\mu\text{g}/\text{m}^3$	Result ppbV	MRL ppbV	Data Qualifier
111-65-9	n-Octane	13	2.4	2.9	0.51	
127-18-4	Tetrachloroethene	1,700	2.4	250	0.35	
108-90-7	Chlorobenzene	ND	2.4	ND	0.52	
100-41-4	Ethylbenzene	ND	2.4	ND	0.55	
179601-23-1	m,p-Xylenes	8.4	4.8	1.9	1.1	
75-25-2	Bromoform	ND	2.4	ND	0.23	
100-42-5	Styrene	ND	2.4	ND	0.56	
105-47-6	o-Xylene	ND	2.4	ND	0.55	
111-84-2	n-Nonane	3.7	2.4	0.71	0.45	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.4	ND	0.35	
98-82-8	Cumene	ND	2.4	ND	0.48	
80-56-8	alpha-Pinene	ND	2.4	ND	0.43	
903-65-1	n-Propylbenzene	ND	2.4	ND	0.48	
922-96-8	4-Ethyltoluene	ND	2.4	ND	0.48	
108-67-8	1,3,5-Trimethylbenzene	ND	2.4	ND	0.48	
55-63-6	1,2,4-Trimethylbenzene	ND	2.4	ND	0.48	
100-44-7	Benzyl Chloride	ND	2.4	ND	0.46	
91-73-1	1,3-Dichlorobenzene	ND	2.4	ND	0.40	
106-46-7	1,4-Dichlorobenzene	ND	2.4	ND	0.40	
105-50-1	1,2-Dichlorobenzene	ND	2.4	ND	0.40	
989-27-5	d-Limonene	ND	2.4	ND	0.43	
56-12-8	1,2-Dibromo-3-chloropropane	ND	2.4	ND	0.25	
120-82-1	1,2,4-Trichlorobenzene	ND	2.4	ND	0.32	
120-20-3	Naphthalene	ND	2.4	ND	0.45	
77-68-3	Hexachlorobutadiene	ND	2.4	ND	0.22	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

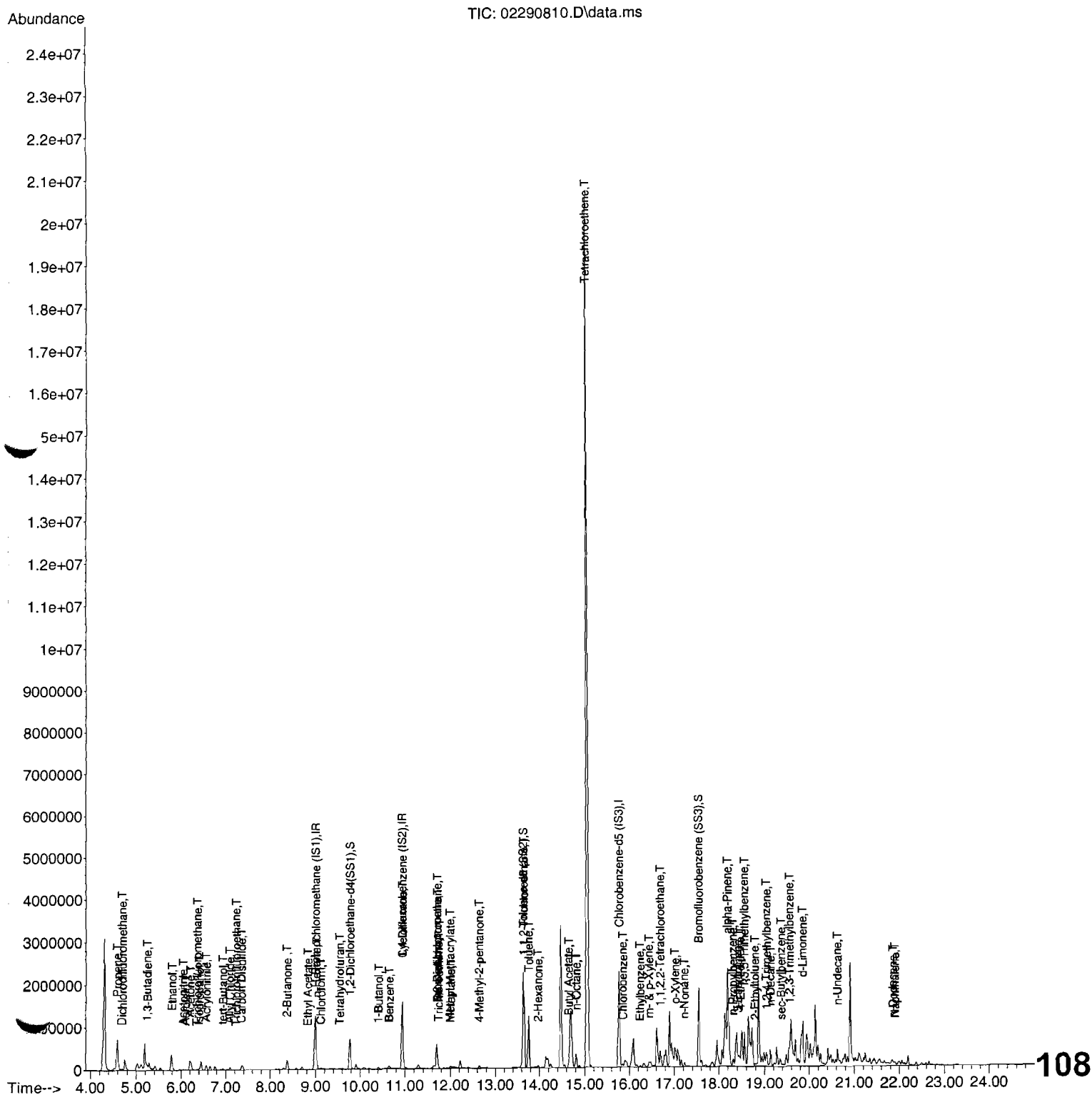
RL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RurDate: 3/11/08

107

Data Path : J:\MS08\Data\2008_02\29\
Data File : 02290810.D
Acq On : 29 Feb 2008 17:25
Operator : SC
Sample : P0800448-004 (250ml)
Vial : Walden SV-1 (0.8,3.8) ✓
Vial : 9 Sample Multiplier: 1

Quant Time: Mar 10 13:00:46 2008
Quant Method : J:\MS08\Methods\R8022108.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Fri Feb 22 09:32:02 2008
Response via : Initial Calibration



Data Path : J:\MS08\Data\2008_02\29\
 Data File : 02290810.D
 Acq On : 29 Feb 2008 17:25
 Operator : SC
 Sample : P0800448-004 (250ml)
 Misc : Walden SV-1 (0.8,3.8)
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 10 13:00:46 2008
 Quant Method : J:\MS08\Methods\R8022108.M
 Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 QLast Update : Fri Feb 22 09:32:02 2008
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane (IS1)	9.00	130	306737	25.000	ng	0.00
37) 1,4-Difluorobenzene (IS2)	10.94	114	1464082	25.000	ng	0.00
56) Chlorobenzene-d5 (IS3)	15.77	82	861582	25.000	ng	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4(...)	9.77	65	678157	23.957	ng	0.00
Spiked Amount	25.000		Recovery	=	95.84%	
57) Toluene-d8 (SS2)	13.64	98	1740206	24.433	ng	0.00
Spiked Amount	25.000		Recovery	=	97.72%	
73) Bromofluorobenzene (SS3)	17.55	174	601812	24.149	ng	0.00
Spiked Amount	25.000		Recovery	=	96.60%	

Target Compounds

						Qvalue
2) Propene	4.58	42	340265	12.263 ng		96
3) Dichlorodifluoromethane	4.69	85	23177	0.535 ng		93
4) Chloromethane	4.87	50	1991	N.D.		
5) Freon 114	0.00	135	0	N.D.		
6) Vinyl Chloride	0.00	62	0	N.D.		
7) 1,3-Butadiene	5.24	54	60119	1.808 ng	#	36
8) Bromomethane	0.00	94	0	N.D.		
9) Chloroethane	0.00	64	0	N.D.		
10) Ethanol	5.79	45	566370	30.724 ng		99
11) Acetonitrile	6.04	41	18411	0.344 ng	#	25
12) Acrolein	6.10	56	4162	0.284 ng	#	14
13) Acetone	6.20	58	141016	6.322 ng	#	74
14) Trichlorofluoromethane	6.36	101	7581	0.240 ng		95
15) Isopropanol	6.41	45	51536	0.770 ng		68
16) Acrylonitrile	6.56	53	11432	0.317 ng	#	9
17) 1,1-Dichloroethene	0.00	96	0	N.D.		
18) tert-Butanol	6.94	59	14002	0.208 ng	#	45
19) Methylene Chloride	0.00	84	0	N.D.		
20) Allyl Chloride	7.09	41	9484	0.264 ng	#	40
21) Trichlorotrifluoroethane	7.23	151	916	0.062 ng	#	32
22) Carbon Disulfide	7.35	76	49742	0.584 ng		93
23) trans-1,2-Dichloroethene	0.00	61	0	N.D.		
24) 1,1-Dichloroethane	0.00	63	0	N.D.		
25) Methyl tert-Butyl Ether	0.00	73	0	N.D.		
26) Vinyl Acetate	0.00	86	0	N.D.		
27) 2-Butanone	8.36	72	62985	5.124 ng	#	30
28) cis-1,2-Dichloroethene	8.82	61	860	N.D.		
29) Diisopropyl Ether	0.00	87	0	N.D.		
30) Ethyl Acetate	8.82	61	860	0.108 ng	#	10
31) n-Hexane	9.02	57	47606	1.004 ng		88
32) Chloroform	9.12	83	9764	0.363 ng		97
34) Tetrahydrofuran	9.54	72	5865	0.492 ng	#	7
35) Ethyl tert-Butyl Ether	0.00	87	0	N.D.		
36) 1,2-Dichloroethane	0.00	62	0	N.D.		
38) 1,1,1-Trichloroethane	0.00	97	0	N.D.		
39) Isopropyl Acetate	0.00	61	0	N.D.		
40) 1-Butanol	10.40	56	33725	1.215 ng		82
41) Benzene	10.65	78	67337	0.902 ng		96
42) Carbon Tetrachloride	0.00	117	0	N.D.		
43) Cyclohexane	10.94	84	5666	0.176 ng	#	1
44) tert-Amyl Methyl Ether	0.00	73	0	N.D.		
45) 1,2-Dichloropropane	11.71	63	2725	0.123 ng	#	14
46) Bromodichloromethane	11.71	83	9548	0.357 ng	#	18

Data Path : J:\MS08\Data\2008_02\29\
 Data File : 02290810.D
 Acq On : 29 Feb 2008 17:25
 Operator : SC
 Sample : P0800448-004 (250ml) ✓
 ic : Walden SV-1 (0.8,3.8)
 Vial : 9 Sample Multiplier: 1

Quant Time: Mar 10 13:00:46 2008
 Quant Method : J:\MS08\Methods\R8022108.M
 Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 QLast Update : Fri Feb 22 09:32:02 2008
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

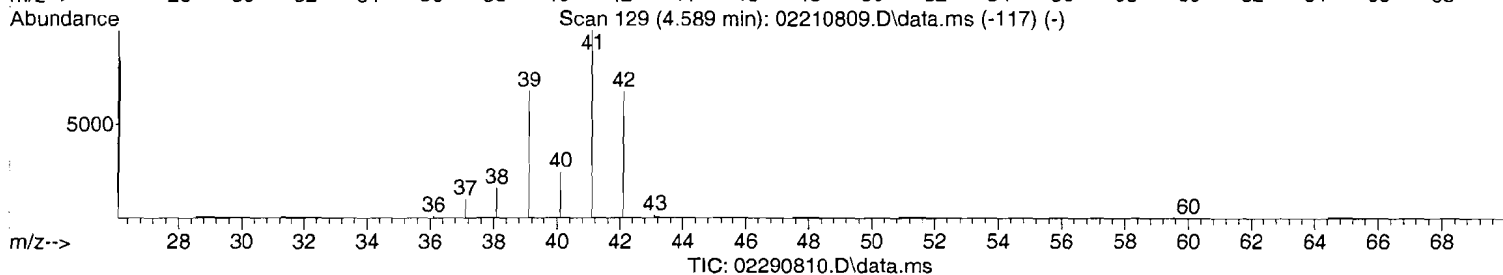
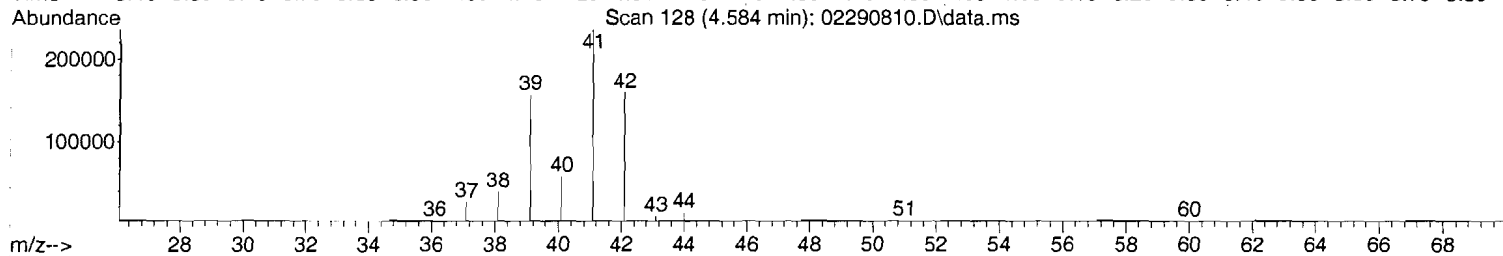
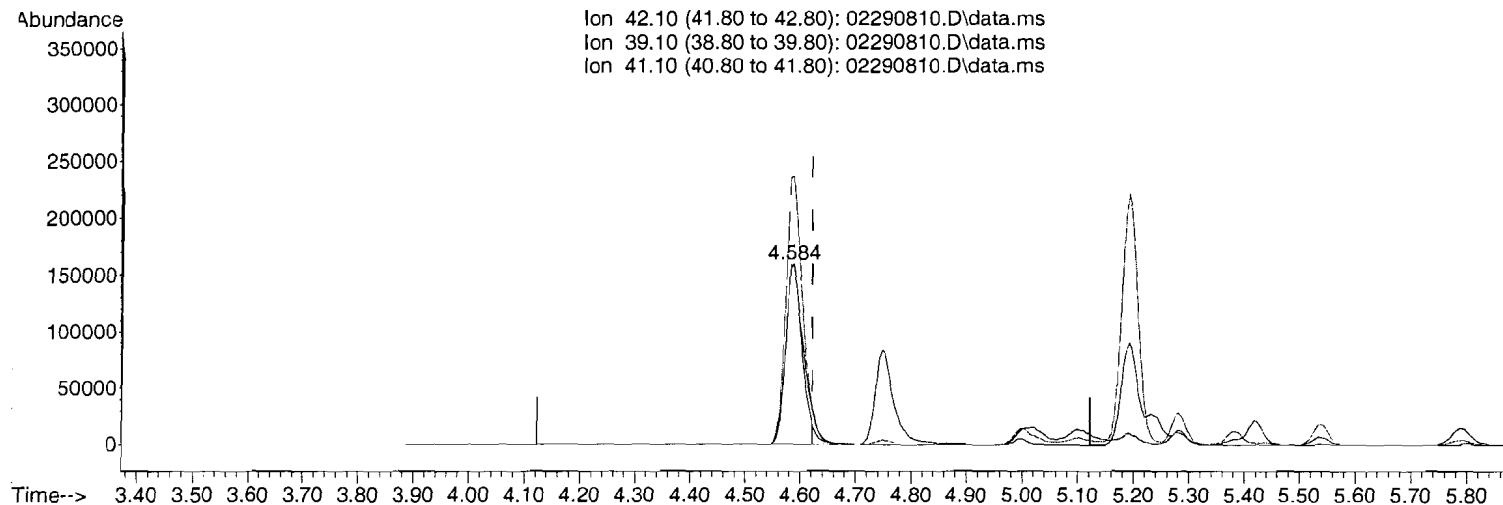
47) Trichloroethene	11.73	130	12489	0.734 ng		93
48) 1,4-Dioxane	0.00	88	0	N.D.		
49) Isooctane	11.76	57	3823	N.D.		
50) Methyl Methacrylate	12.00	100	3345	0.417 ng	#	1
51) n-Heptane	12.01	71	11003	0.563 ng	#	54
52) cis-1,3-Dichloropropene	0.00	75	0	N.D.		
53) 4-Methyl-2-pentanone	12.64	58	19269	0.734 ng		84
54) trans-1,3-Dichloropropene	0.00	75	0	N.D.		
55) 1,1,2-Trichloroethane	13.65	97	153545	8.878 ng	#	6
58) Toluene	13.76	91	119788	1.456 ng		100
59) 2-Hexanone	13.97	43	41795	0.627 ng		89
60) Dibromochloromethane	0.00	129	0	N.D.		
61) 1,2-Dibromoethane	0.00	107	0	N.D.		
62) Butyl Acetate	14.65	43	100318m	1.494 ng		
63) n-Octane	14.82	57	67846	2.809 ng		91
64) Tetrachloroethene	15.06	166	7650535	362.773 ng	See D	98
65) Chlorobenzene	15.85	112	7362	0.140 ng	#	43
66) Ethylbenzene	16.24	91	40333	0.409 ng		97
67) m- & p-Xylene	16.44	91	117174	1.763 ng		95
68) Bromoform	0.00	173	0	N.D.		
69) Styrene	16.88	104	2232	N.D.		
70) o-Xylene	17.02	91	31555	0.443 ng		94
71) n-Nonane	17.23	43	46904	0.787 ng		89
72) 1,1,2,2-Tetrachloroethane	16.69	83	6246	0.223 ng		81
74) Cumene	17.71	105	3428	N.D.		
75) alpha-Pinene	18.20	93	5275	0.108 ng	#	1
76) n-Propylbenzene	18.31	91	14331	0.126 ng	#	59
77) 3-Ethyltoluene	18.42	105	34721	0.356 ng		96
78) 4-Ethyltoluene	18.48	105	14136	0.157 ng		99
79) 1,3,5-Trimethylbenzene	18.56	105	15116	0.186 ng		96
80) alpha-Methylstyrene	0.00	118	0	N.D.		
81) 2-Ethyltoluene	18.80	105	15595	0.163 ng		93
82) 1,2,4-Trimethylbenzene	19.05	105	38621	0.476 ng		92
83) n-Decane	19.14	57	148267	2.365 ng		87
84) Benzyl Chloride	19.48	91	2757	N.D.		
85) 1,3-Dichlorobenzene	19.32	146	786	N.D.		
86) 1,4-Dichlorobenzene	19.32	146	786	N.D.		
87) sec-Butylbenzene	19.37	105	5078	0.050 ng	#	60
88) p-Isopropyltoluene	19.55	119	3548	N.D.		
89) 1,2,3-Trimethylbenzene	19.56	105	13373	0.168 ng		81
90) 1,2-Dichlorobenzene	0.00	146	0	N.D.		
91) d-Limonene	19.85	68	127946	4.044 ng	CR	15
92) 1,2-Dibromo-3-Chloropr...	0.00	157	0	N.D.		
93) n-Undecane	20.63	57	80348	1.229 ng	#	54
94) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.		
95) Naphthalene	21.90	128	12688	0.130 ng		82
96) n-Dodecane	21.86	57	32879	0.528 ng		96
97) Hexachloro-1,3-butadiene	0.00	225	0	N.D.		

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

Quantitation Report (Qedit)

Data Path : J:\MS08\Data\2008_02\29\
 Data File : 02290810.D
 Acq On : 29 Feb 2008 17:25
 Operator : SC
 Sample : P0800448-004 (250ml)
 Misc : Walden SV-1 (0.8,3.8)
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 03 08:50:33 2008
 Quant Method : J:\MS08\Methods\R8022108.M
 Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 QLast Update : Fri Feb 22 09:32:02 2008
 Response via : Initial Calibration



(2) Propene (T)

4.584min (-0.038) 12.26ng

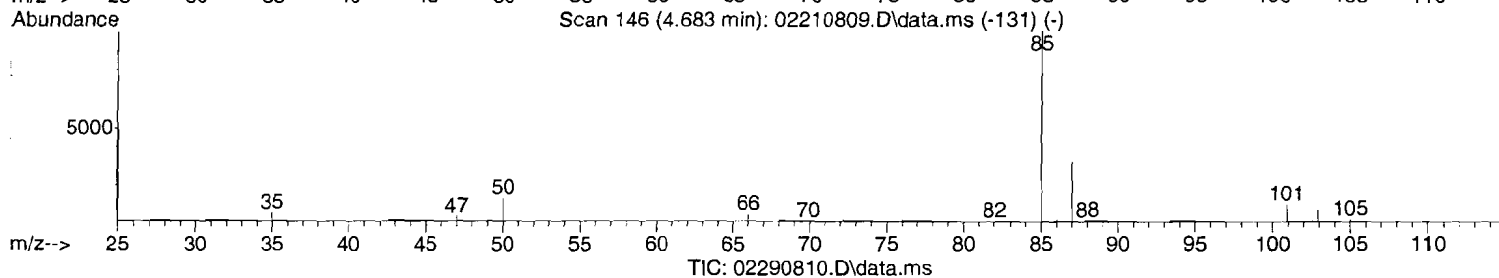
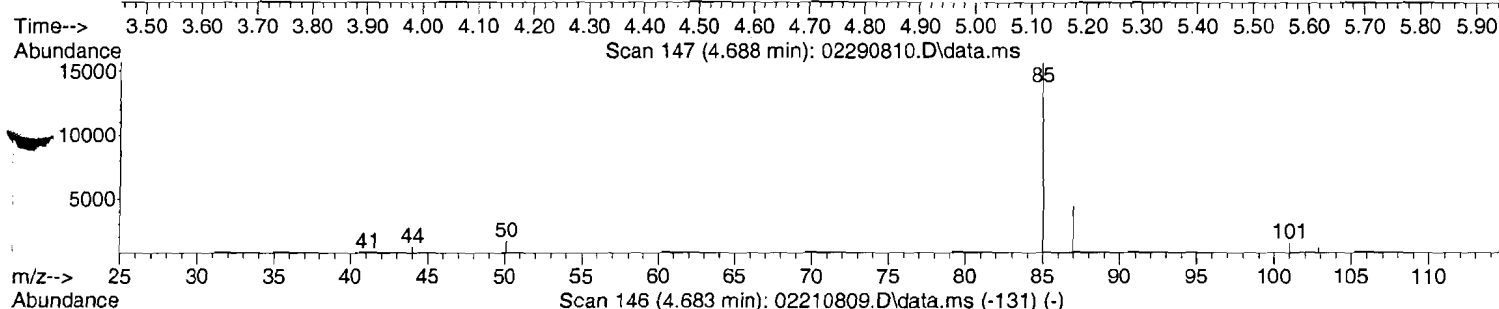
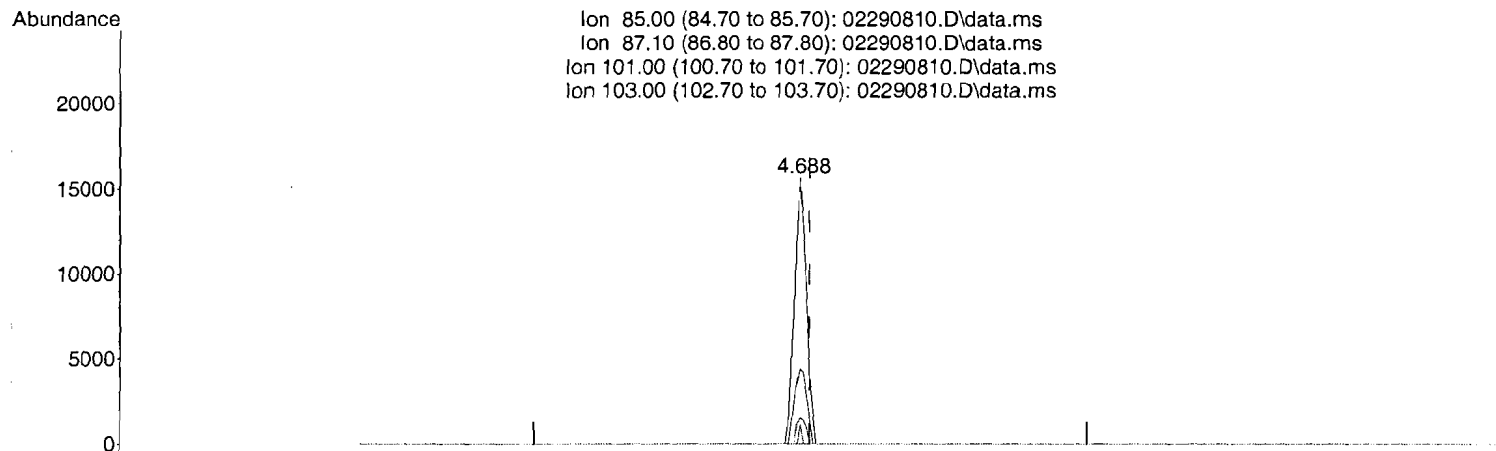
response 340265

Ion	Exp%	Act%
42.10	100	100
39.10	104.00	107.95
41.10	148.40	153.30
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : J:\MS08\Data\2008_02\29\
 Data File : 02290810.D
 Acq On : 29 Feb 2008 17:25
 Operator : SC
 Sample : P0800448-004 (250ml)
 .sc : Walden SV-1 (0.8,3.8)
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 03 08:50:33 2008
 Quant Method : J:\MS08\Methods\R8022108.M
 Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 QLast Update : Fri Feb 22 09:32:02 2008
 Response via : Initial Calibration



(3) Dichlorodifluoromethane (T)

4.688min (-0.016) 0.53ng

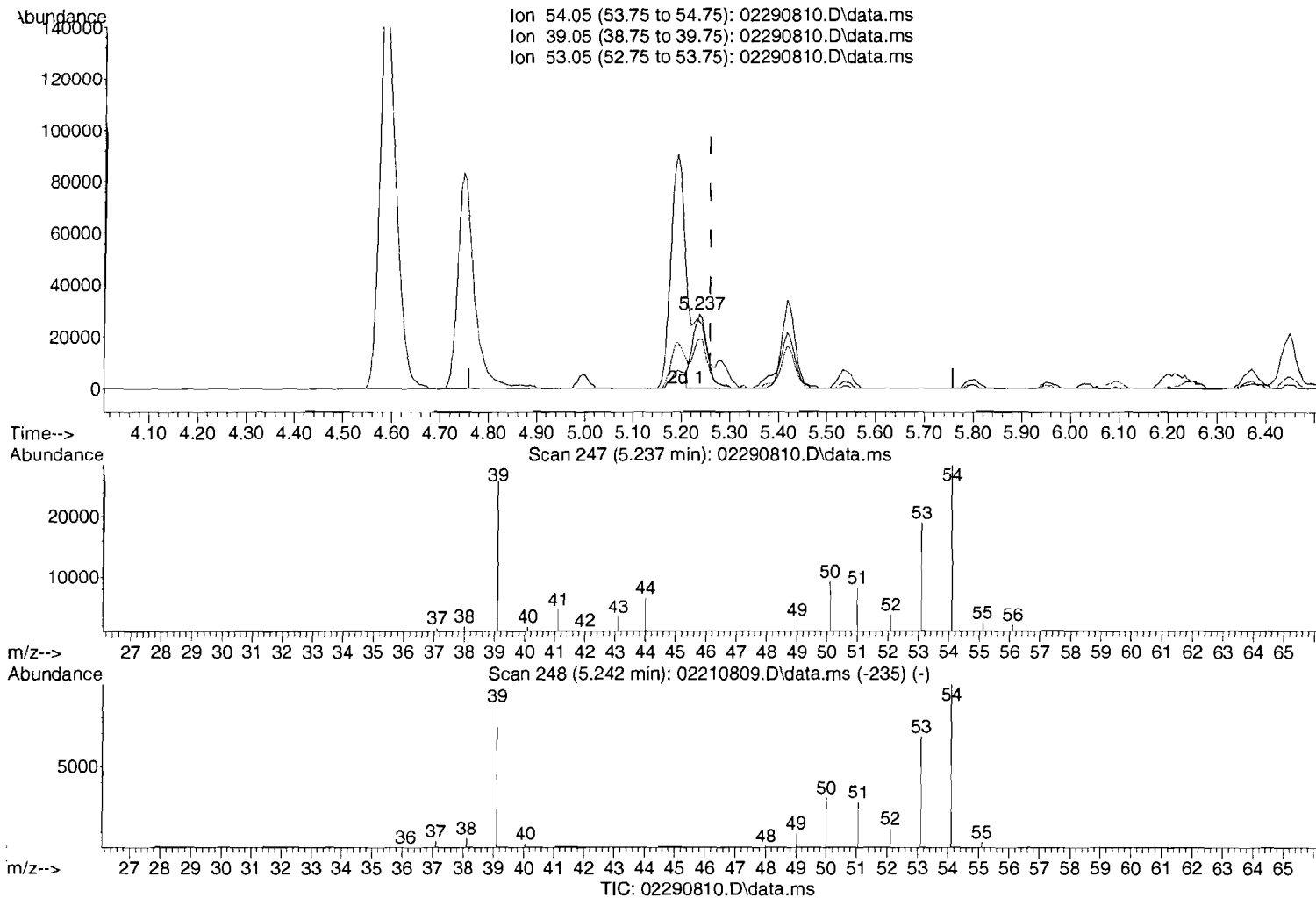
response 23177

Ion	Exp%	Act%
85.00	100	100
87.10	32.60	28.90
101.00	8.50	7.36
103.00	5.60	1.67

Quantitation Report (Qedit)

Data Path : J:\MS08\Data\2008_02\29\
 Data File : 02290810.D
 Acq On : 29 Feb 2008 17:25
 Operator : SC
 Sample : P0800448-004 (250ml)
 Misc : Walden SV-1 (0.8,3.8)
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 03 08:50:33 2008
 Quant Method : J:\MS08\Methods\R8022108.M
 Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 QLast Update : Fri Feb 22 09:32:02 2008
 Response via : Initial Calibration



(7) 1,3-Butadiene (T)

5.237min (-0.022) 1.81ng

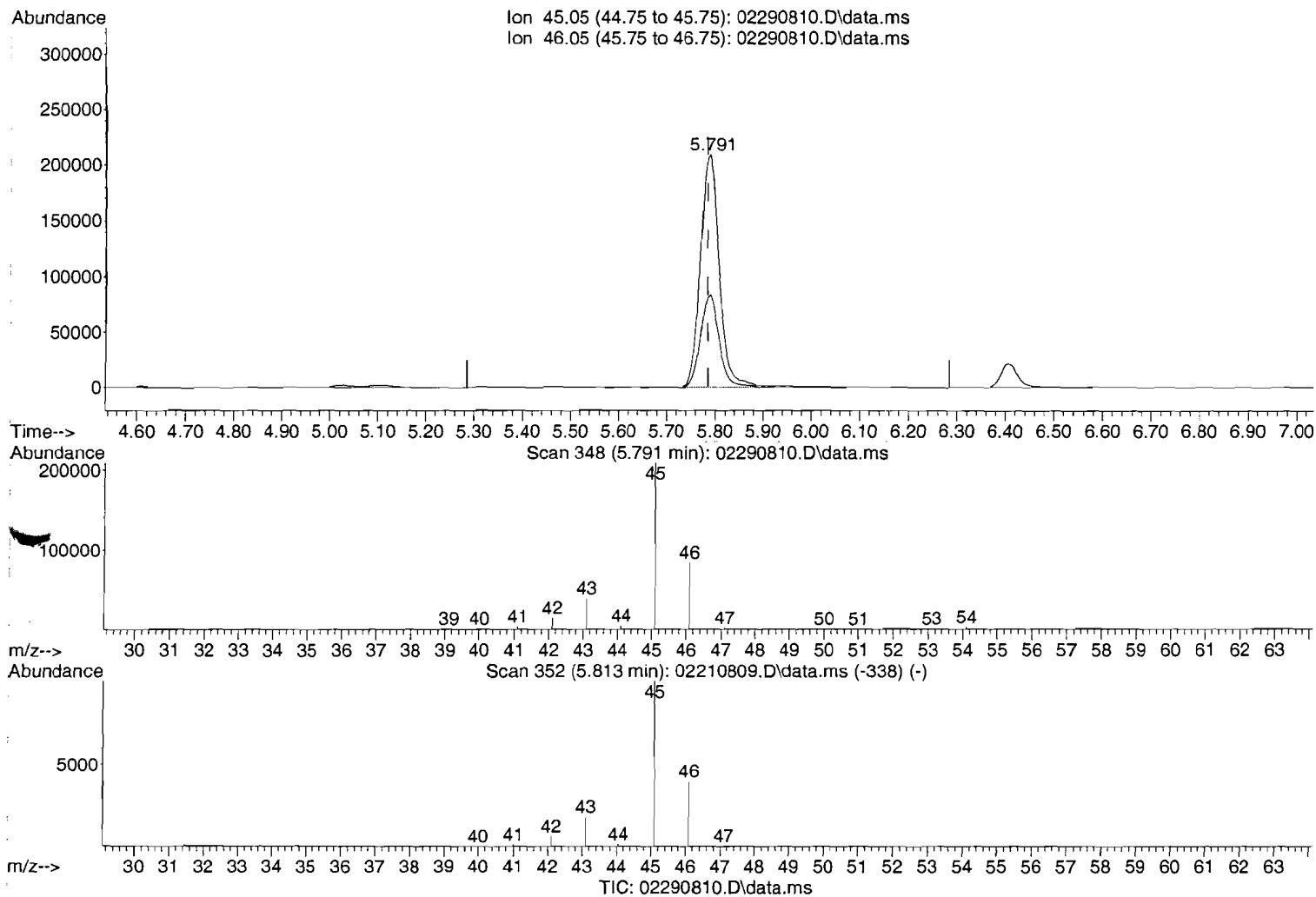
response 60119

Ion	Exp%	Act%
54.05	100	100
39.05	109.50	0.00#
53.05	68.30	68.29
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : J:\MS08\Data\2008_02\29\
Data File : 02290810.D
Acq On : 29 Feb 2008 17:25
Operator : SC
Sample : P0800448-004 (250ml)
sc : Walden SV-1 (0.8,3.8)
Vial : 9 Sample Multiplier: 1

Quant Time: Mar 03 08:50:33 2008
Quant Method : J:\MS08\Methods\R8022108.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Fri Feb 22 09:32:02 2008
Response via : Initial Calibration



(10) Ethanol (T)

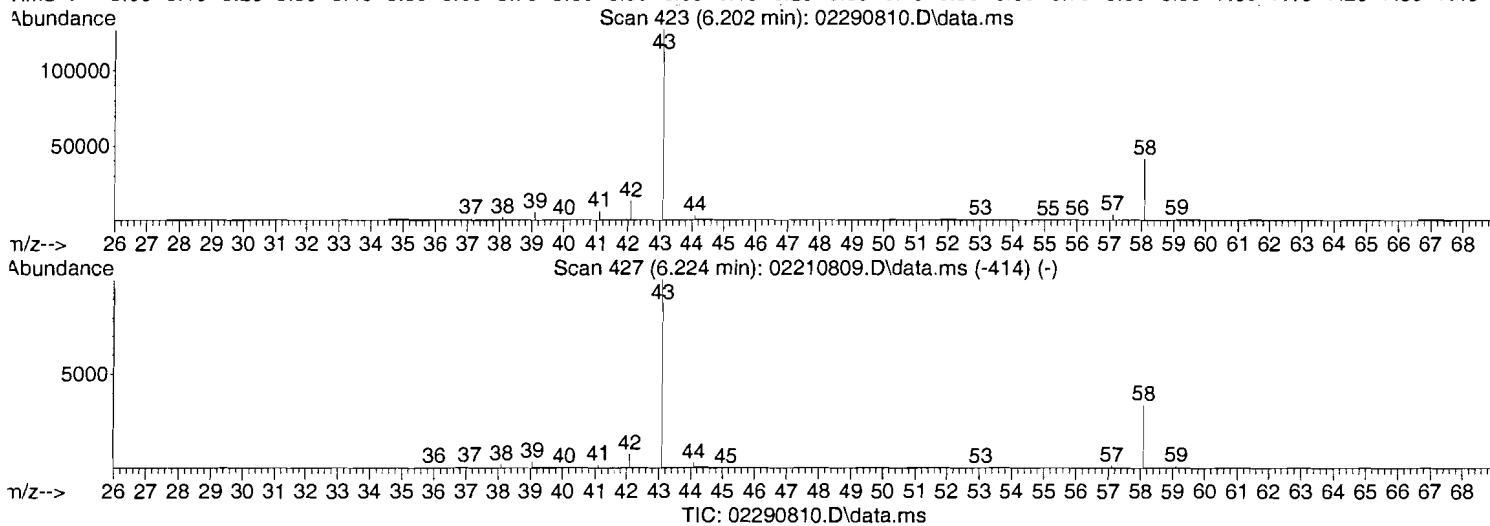
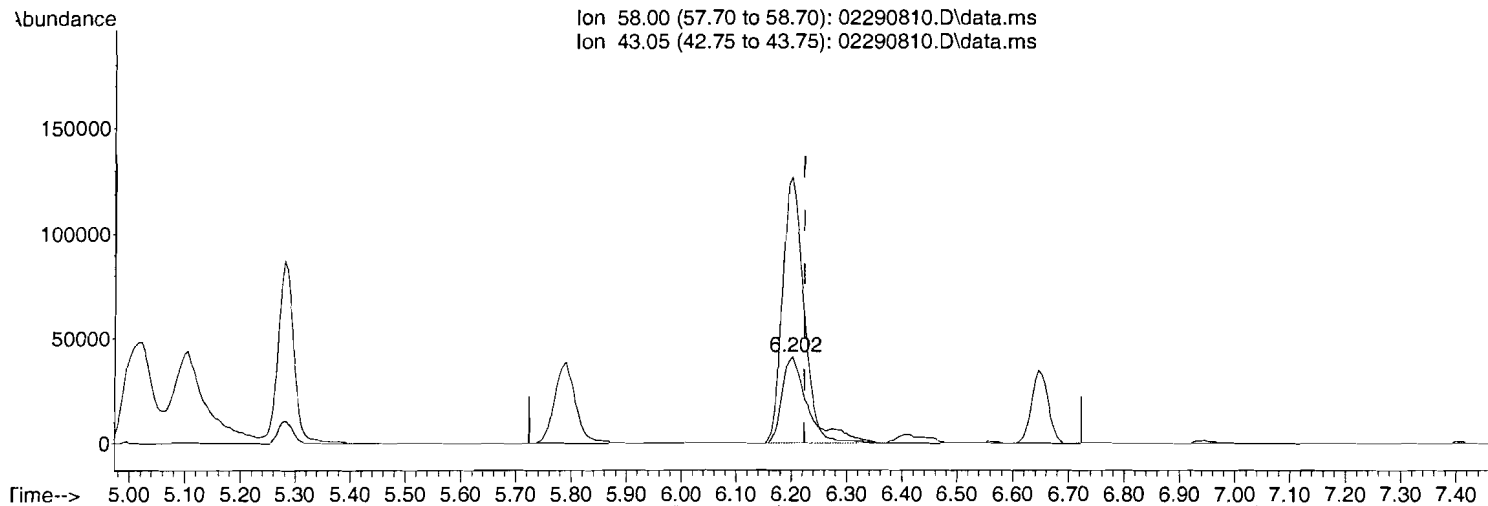
5.791min (+0.006) 30.72ng

response 566370

Ion	Exp%	Act%
45.05	100	100
46.05	39.30	38.94
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : J:\MS08\Data\2008_02\29\
Data File : 02290810.D
Acq On : 29 Feb 2008 17:25
Operator : SC
Sample : P0800448-004 (250ml)
Misc : Walden SV-1 (0.8,3.8)
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 03 08:50:33 2008
Quant Method : J:\MS08\Methods\R8022108.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Fri Feb 22 09:32:02 2008
Response via : Initial Calibration



(13) Acetone (T)

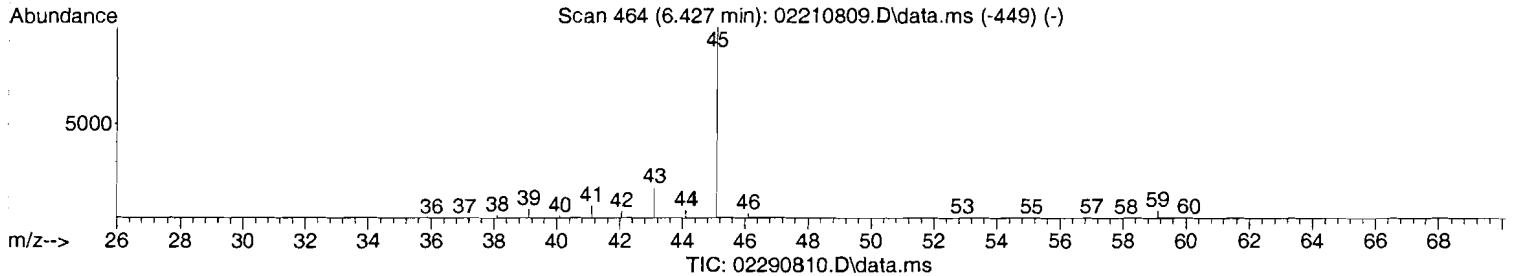
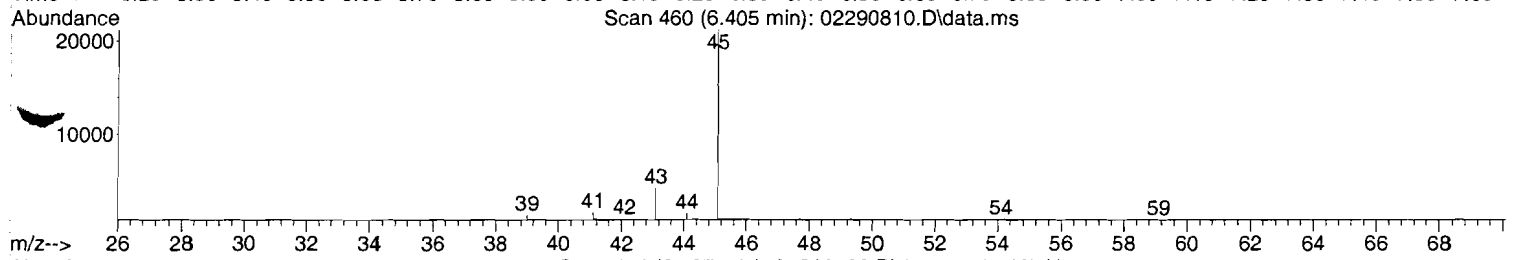
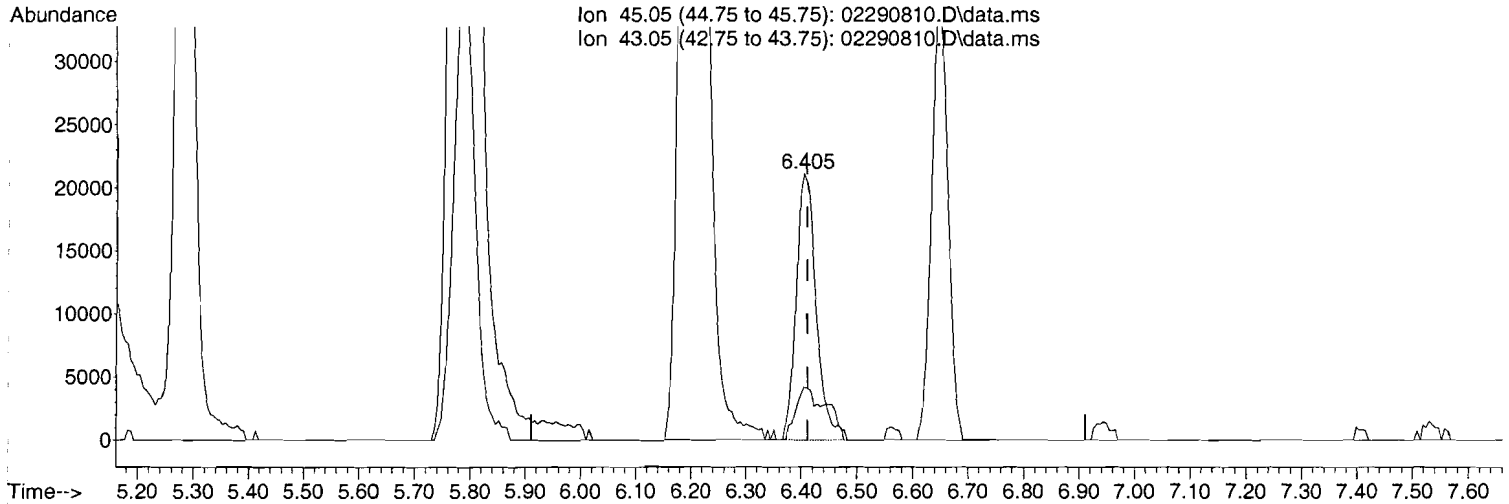
6.202min (-0.022) 6.32ng

response 141016

Ion	Exp%	Act%
58.00	100	100
43.05	293.20	242.51#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : J:\MS08\Data\2008_02\29\
Data File : 02290810.D
Acq On : 29 Feb 2008 17:25
Operator : SC
Sample : P0800448-004 (250ml)
sc : Walden SV-1 (0.8,3.8)
MS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 03 08:50:33 2008
Quant Method : J:\MS08\Methods\R8022108.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Fri Feb 22 09:32:02 2008
Response via : Initial Calibration



(15) Isopropanol (T)

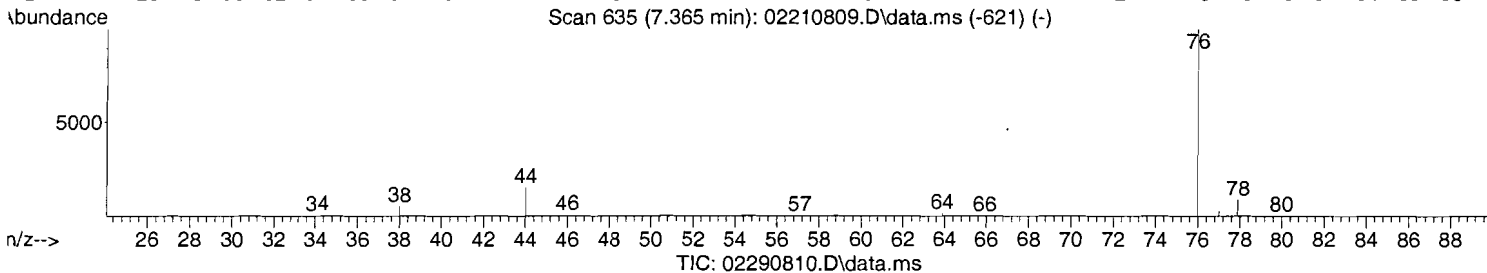
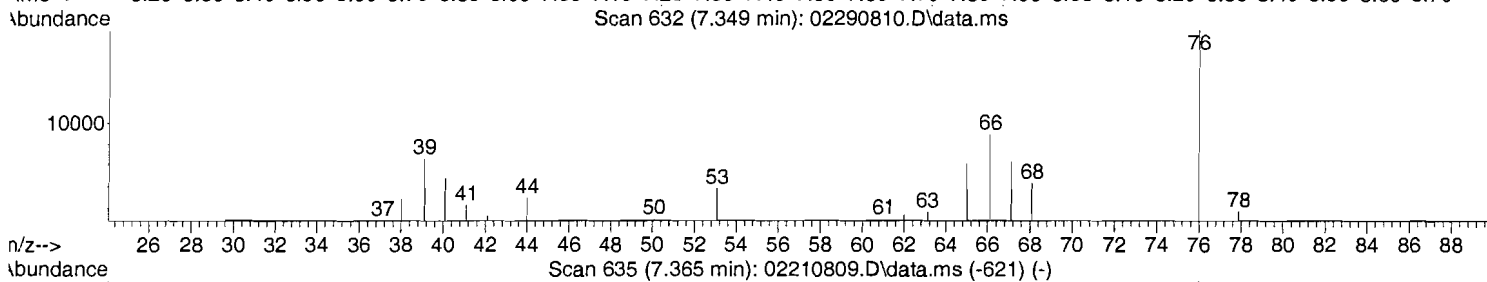
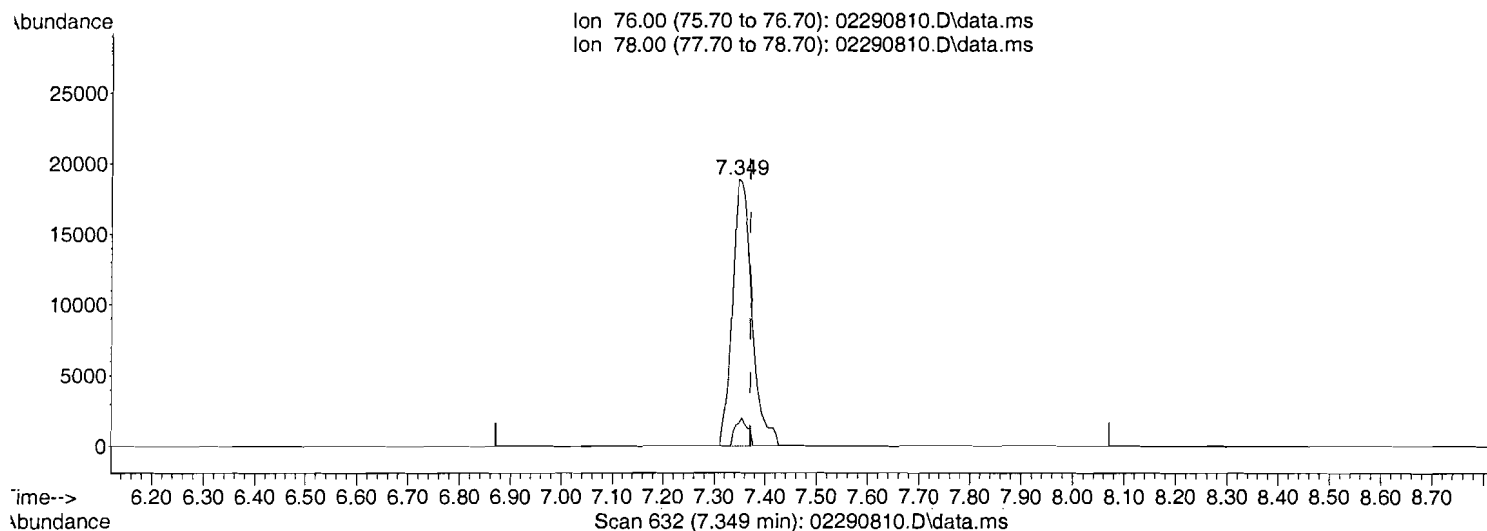
6.405min (-0.005) 0.77ng

response 51536

Ion	Exp%	Act%
45.05	100	100
43.05	17.10	30.88
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : J:\MS08\Data\2008_02\29\
Data File : 02290810.D
Acq On : 29 Feb 2008 17:25
Operator : SC
Sample : P0800448-004 (250ml)
Misc : Walden SV-1 (0.8,3.8)
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 03 08:50:33 2008
Quant Method : J:\MS08\Methods\R8022108.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Fri Feb 22 09:32:02 2008
Response via : Initial Calibration



(22) Carbon Disulfide (T)

7.349min (-0.022) 0.58ng

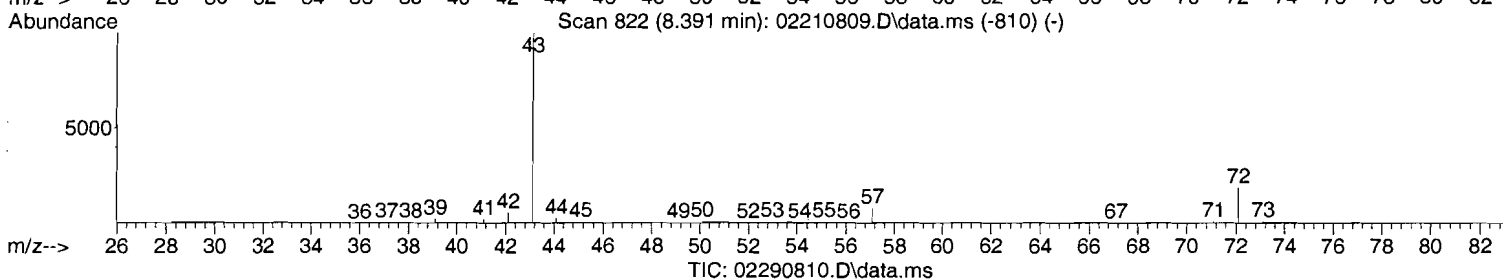
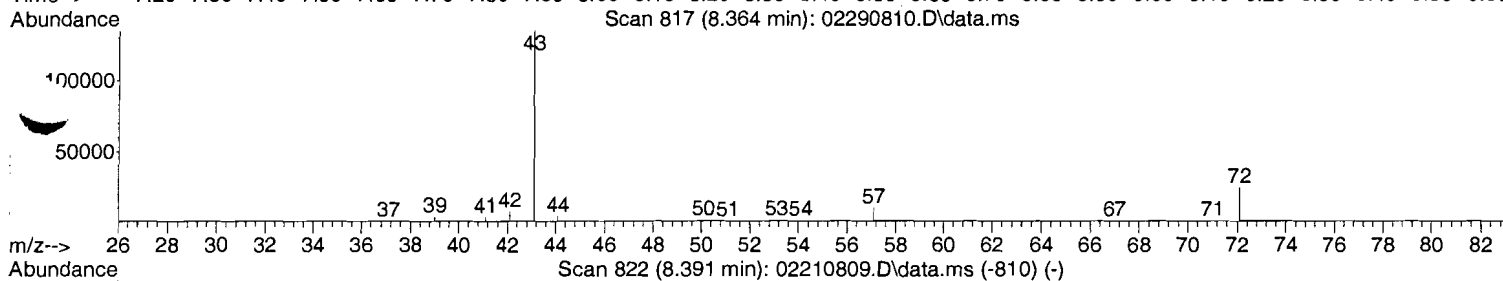
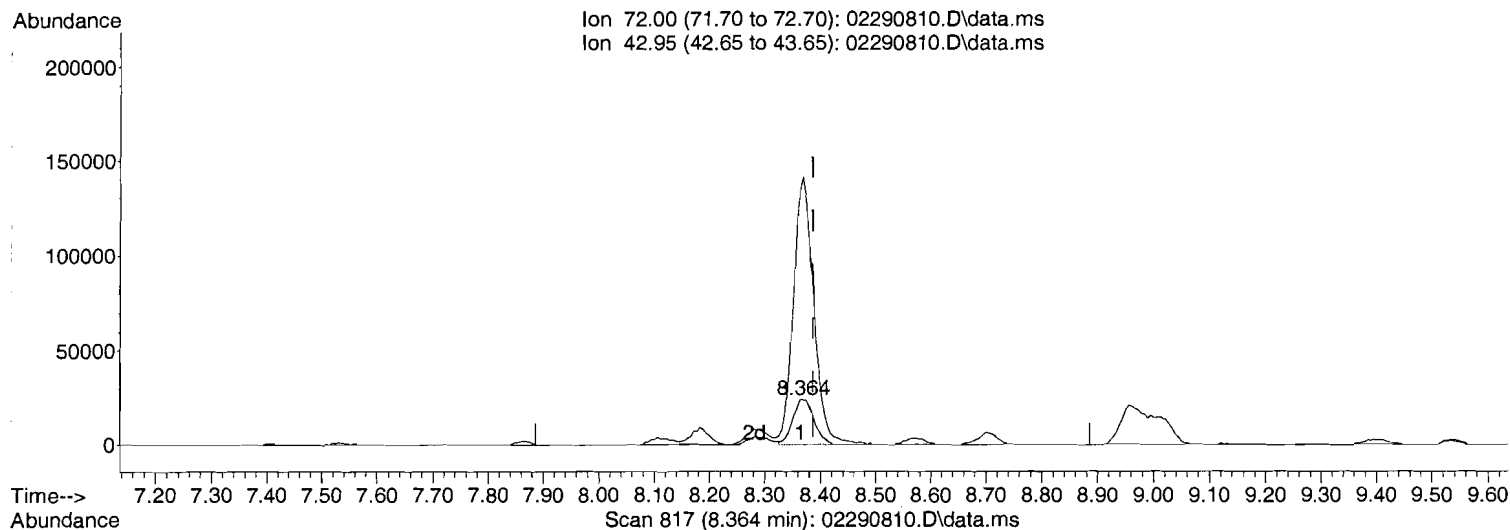
response 49742

Ion	Exp%	Act%
76.00	100	100
78.00	9.10	6.73
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : J:\MS08\Data\2008_02\29\
 Data File : 02290810.D
 Acq On : 29 Feb 2008 17:25
 Operator : SC
 Sample : P0800448-004 (250ml)
 'sc : Walden SV-1 (0.8,3.8)
 S Vial : 9 Sample Multiplier: 1

Quant Time: Mar 03 08:50:33 2008
 Quant Method : J:\MS08\Methods\R8022108.M
 Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 QLast Update : Fri Feb 22 09:32:02 2008
 Response via : Initial Calibration



(27) 2-Butanone (T)

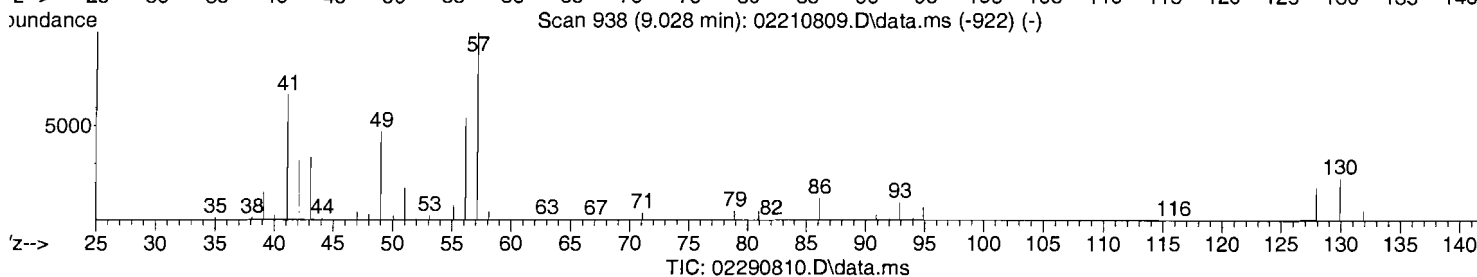
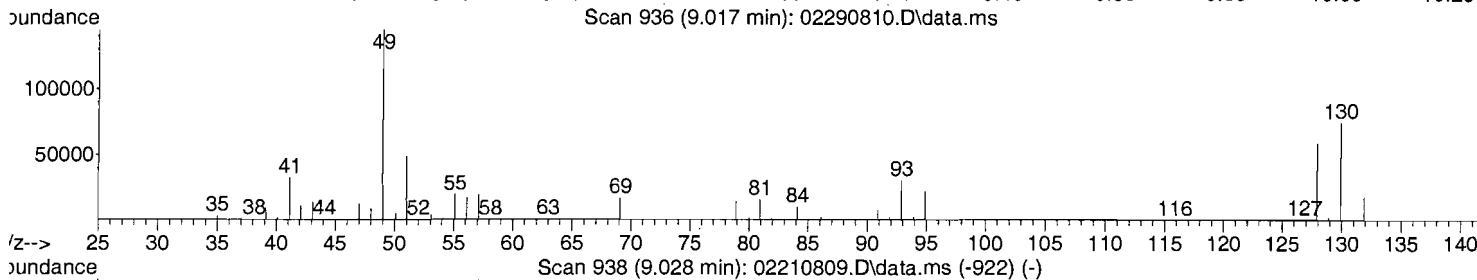
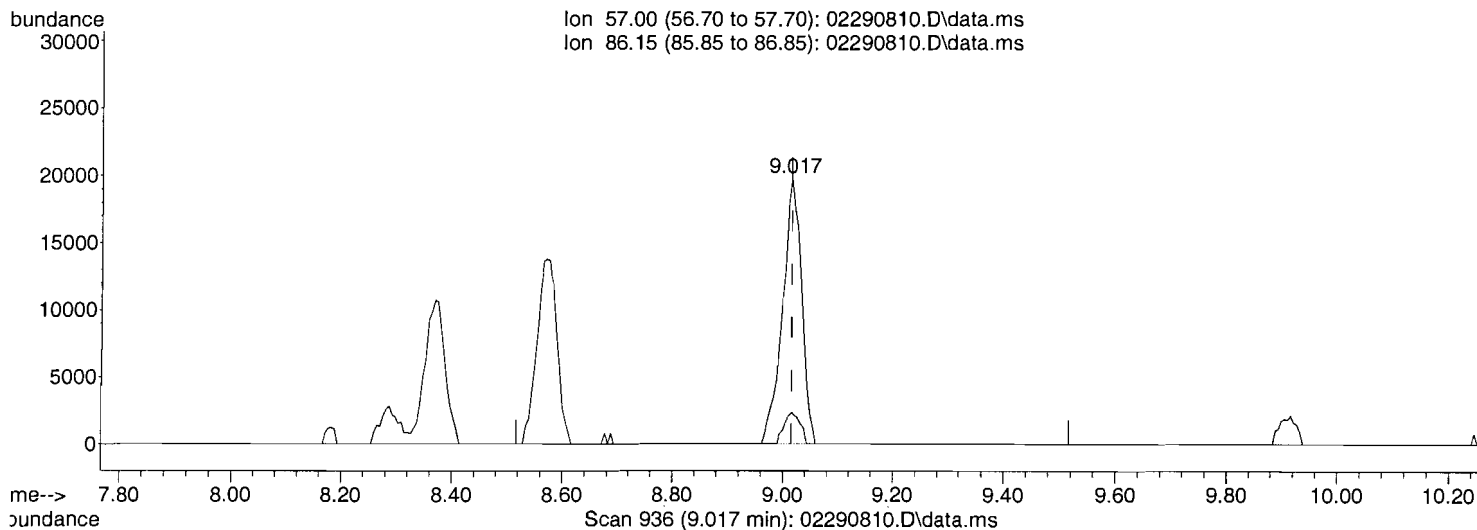
8.364min (-0.022) 5.12ng

response 62985

Ion	Exp%	Act%
72.00	100	100
42.95	401.50	567.10#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : J:\MS08\Data\2008_02\29\
Data File : 02290810.D
Acq On : 29 Feb 2008 17:25
Operator : SC
Sample : P0800448-004 (250ml)
Misc : Walden SV-1 (0.8,3.8)
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 03 08:50:33 2008
Quant Method : J:\MS08\Methods\R8022108.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Fri Feb 22 09:32:02 2008
Response via : Initial Calibration



(31) n-Hexane (T)

9.017min (+0.000) 1.00ng

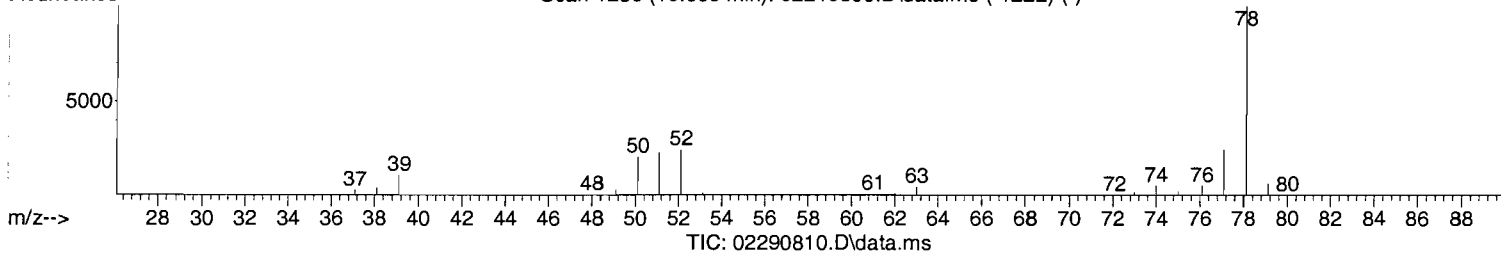
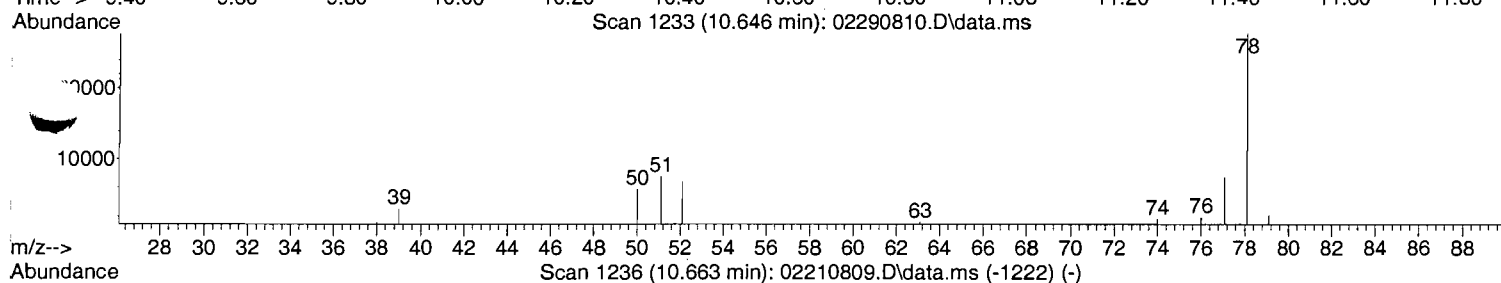
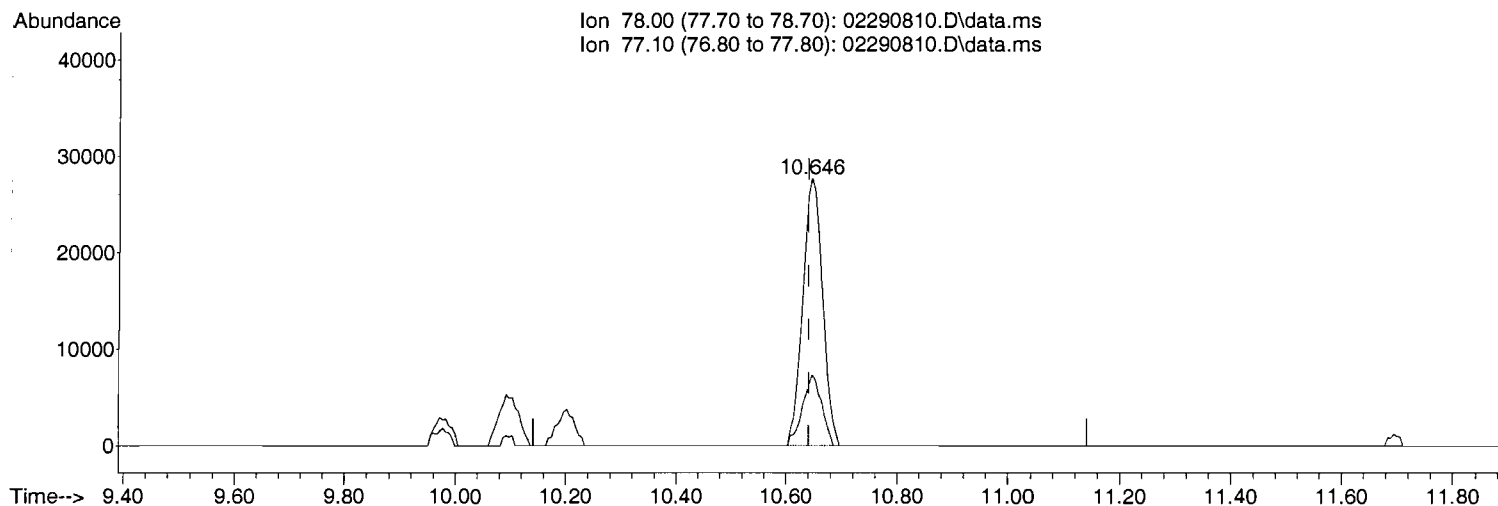
response 47606

Ion	Exp%	Act%
57.00	100	100
86.15	15.10	10.16
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : J:\MS08\Data\2008_02\29\
 Data File : 02290810.D
 Acq On : 29 Feb 2008 17:25
 Operator : SC
 Sample : P0800448-004 (250ml)
 Vial : 9 Sample Multiplier: 1

Quant Time: Mar 03 08:50:33 2008
 Quant Method : J:\MS08\Methods\R8022108.M
 Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 QLast Update : Fri Feb 22 09:32:02 2008
 Response via : Initial Calibration



(41) Benzene (T)

10.646min (+0.006) 0.90ng

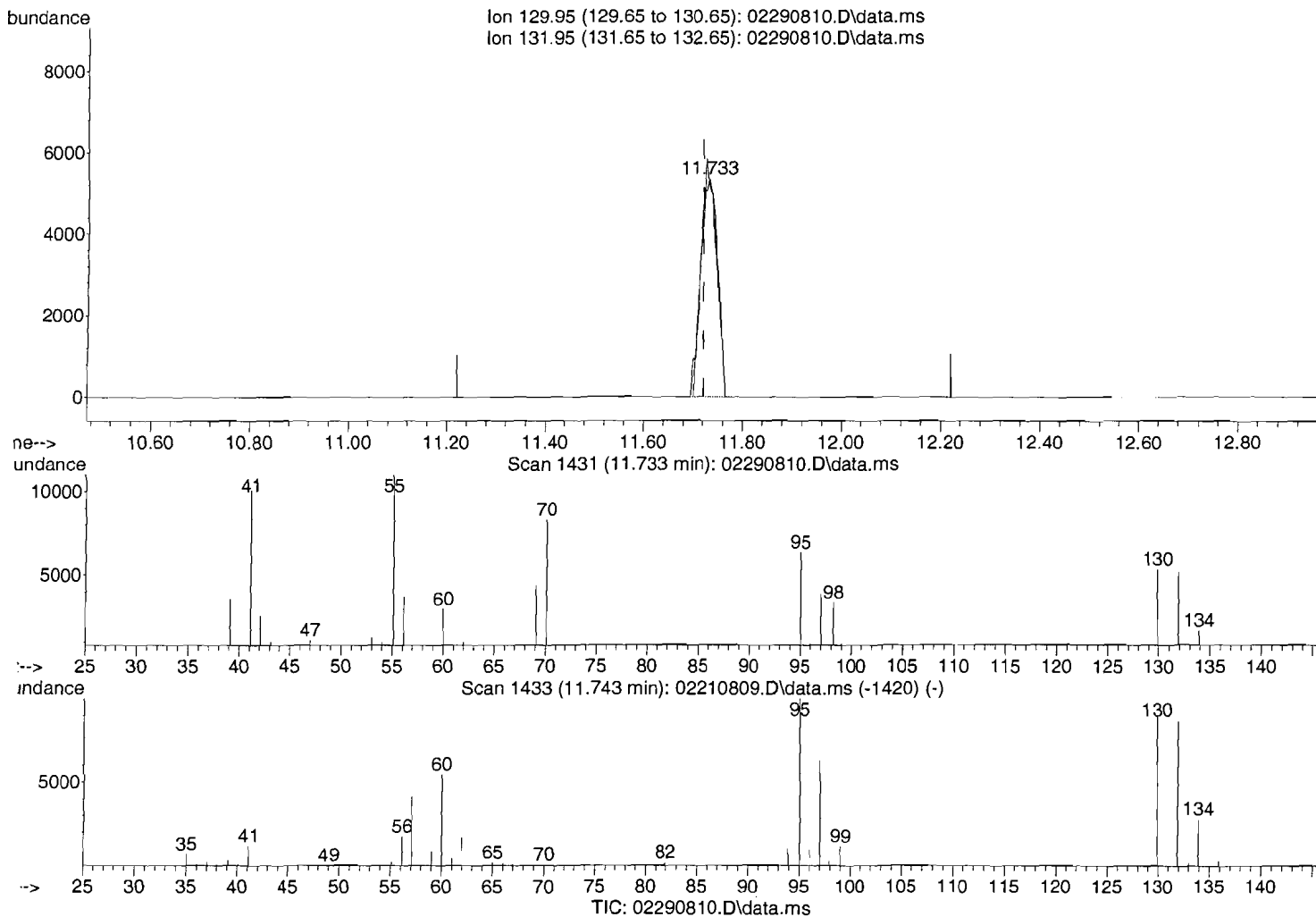
response 67337

Ion	Exp%	Act%
78.00	100	100
77.10	23.90	25.89
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : J:\MS08\Data\2008_02\29\
 Data File : 02290810.D
 Acq On : 29 Feb 2008 17:25
 Operator : SC
 Sample : P0800448-004 (250ml)
 Misc : Walden SV-1 (0.8,3.8)
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 03 08:50:33 2008
 Quant Method : J:\MS08\Methods\R8022108.M
 Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 QLast Update : Fri Feb 22 09:32:02 2008
 Response via : Initial Calibration



(47) Trichloroethene (T)

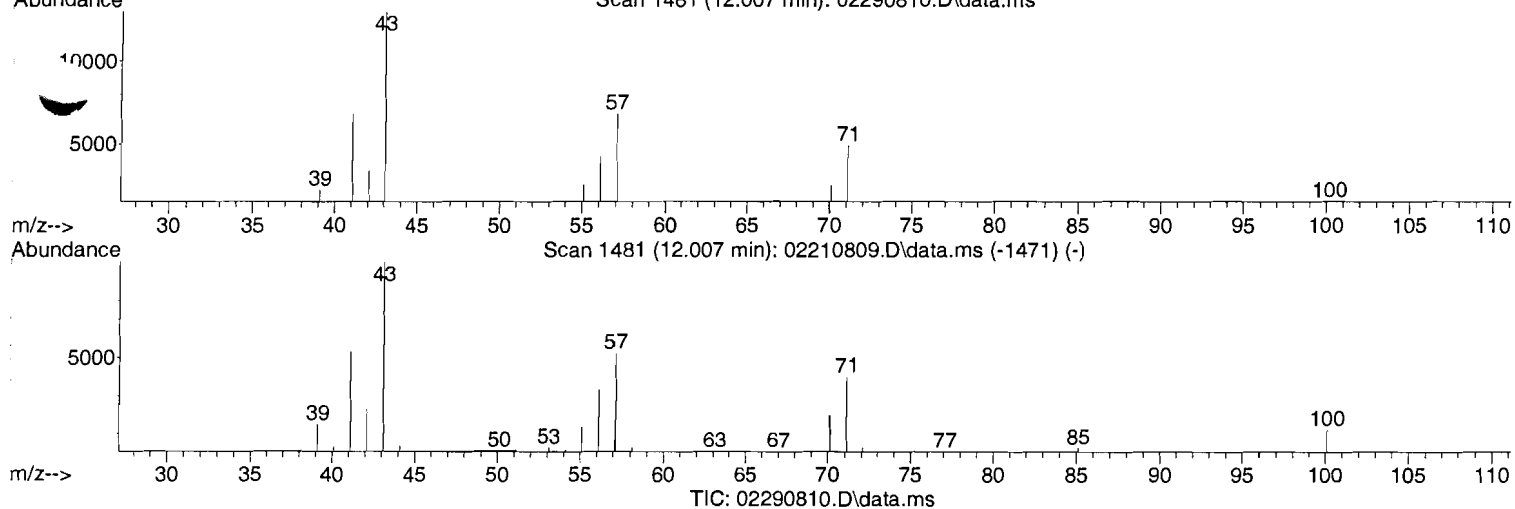
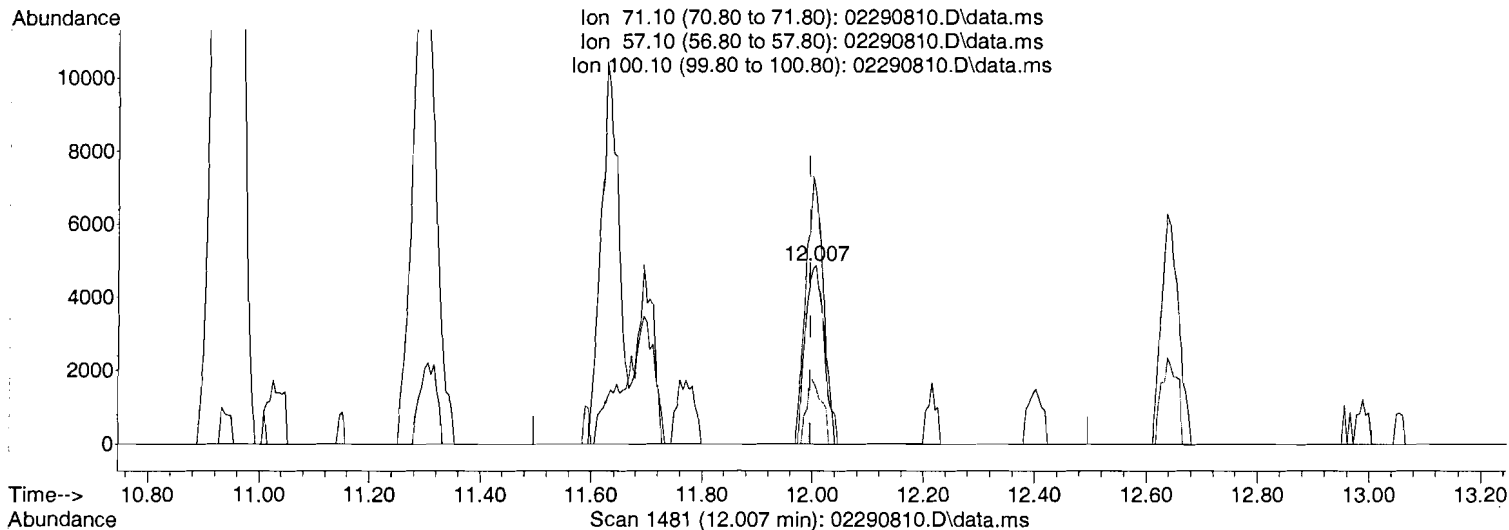
11.733min (+0.011) 0.73ng

response 12489

Ion	Exp%	Act%
129.95	100	100
131.95	94.70	101.09
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : J:\MS08\Data\2008_02\29\
Data File : 02290810.D
Acq On : 29 Feb 2008 17:25
Operator : SC
Sample : P0800448-004 (250ml)
sc : Walden SV-1 (0.8,3.8)
S Vial : 9 Sample Multiplier: 1

Quant Time: Mar 03 08:50:33 2008
Quant Method : J:\MS08\Methods\R8022108.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Fri Feb 22 09:32:02 2008
Response via : Initial Calibration



(51) n-Heptane (T)

12.007min (+0.011) 0.56ng

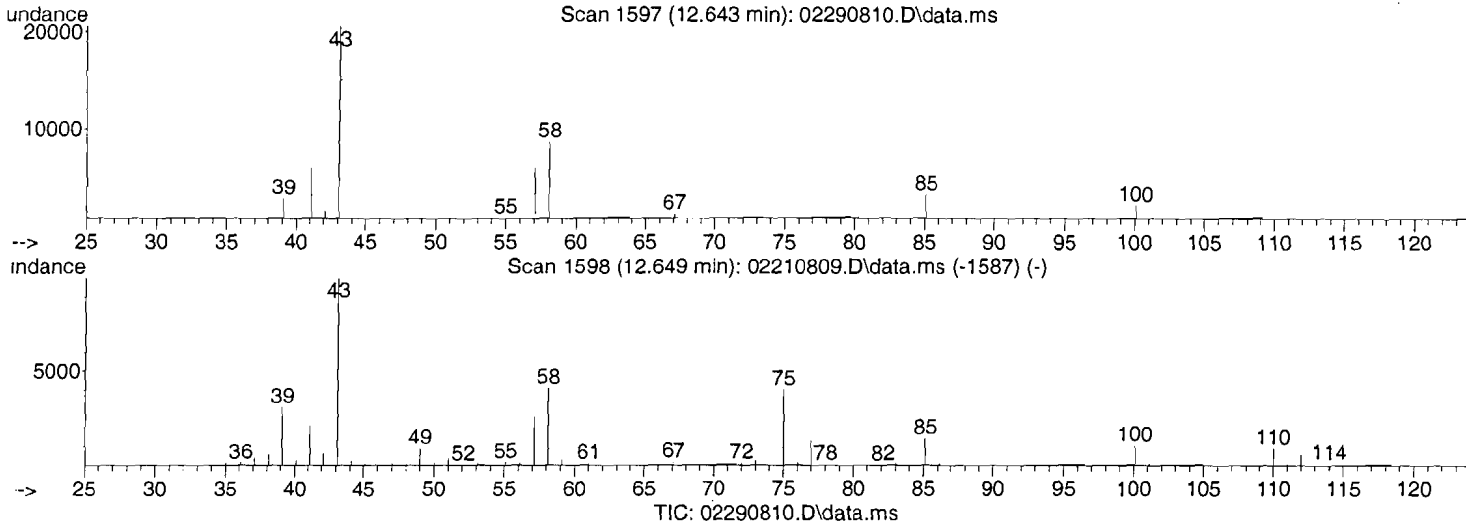
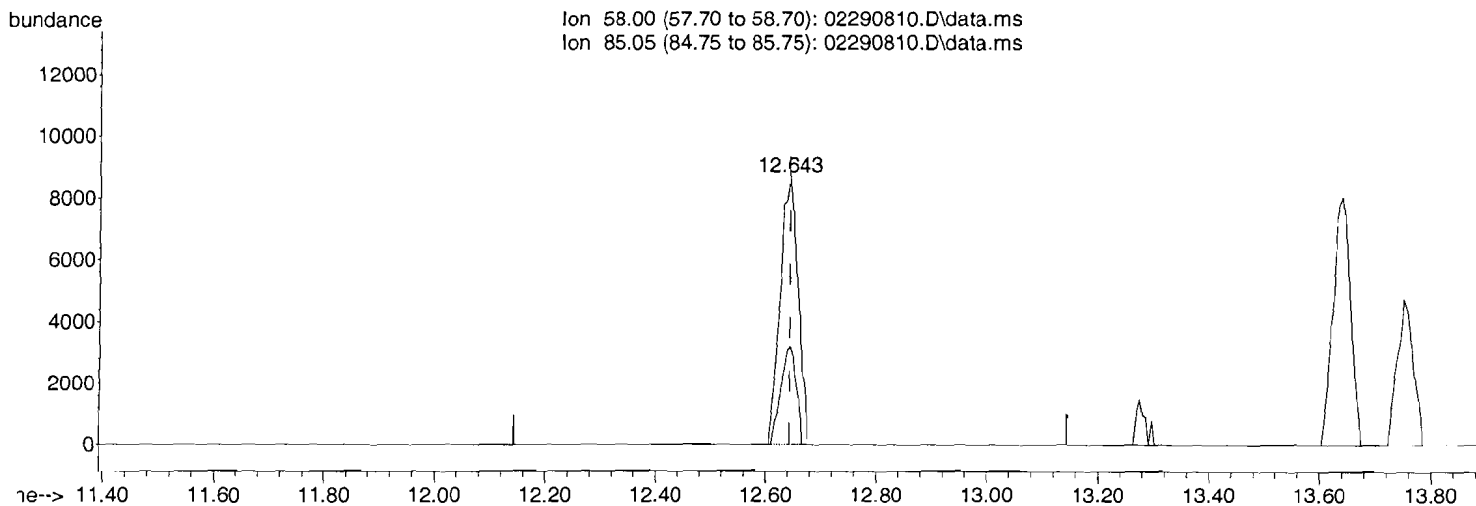
response 11003

Ion	Exp%	Act%
71.10	100	100
57.10	90.30	144.16#
100.10	26.30	30.40
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : J:\MS08\Data\2008_02\29\
 Data File : 02290810.D
 Acq On : 29 Feb 2008 17:25
 Operator : SC
 Sample : P0800448-004 (250ml)
 Misc : Walden SV-1 (0.8,3.8)
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 03 08:50:33 2008
 Quant Method : J:\MS08\Methods\R8022108.M
 Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 QLast Update : Fri Feb 22 09:32:02 2008
 Response via : Initial Calibration



(53) 4-Methyl-2-pentanone (T)

12.643min (+0.000) 0.73ng

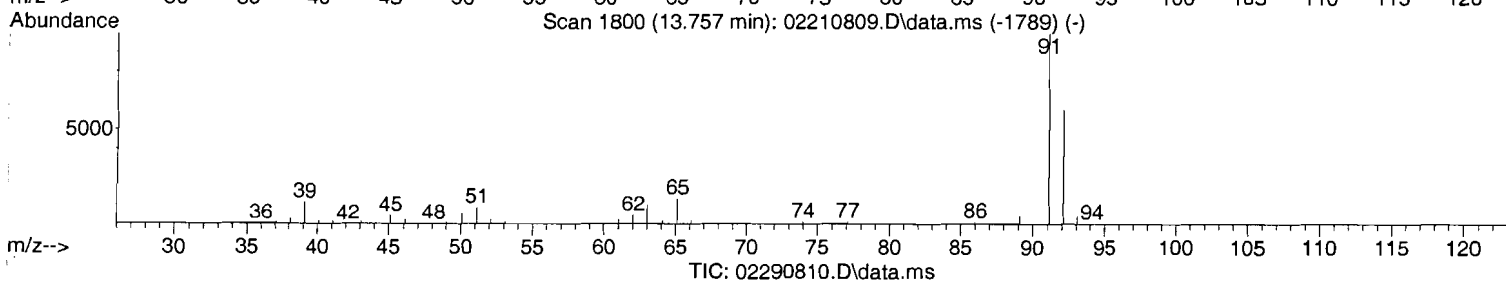
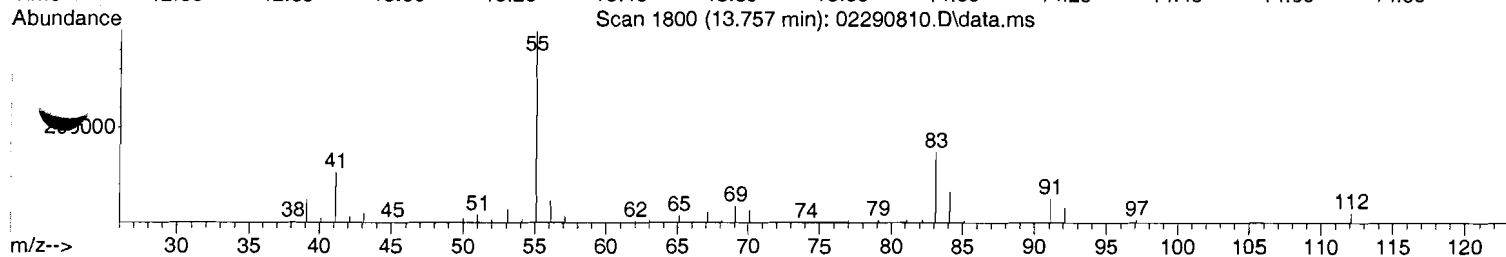
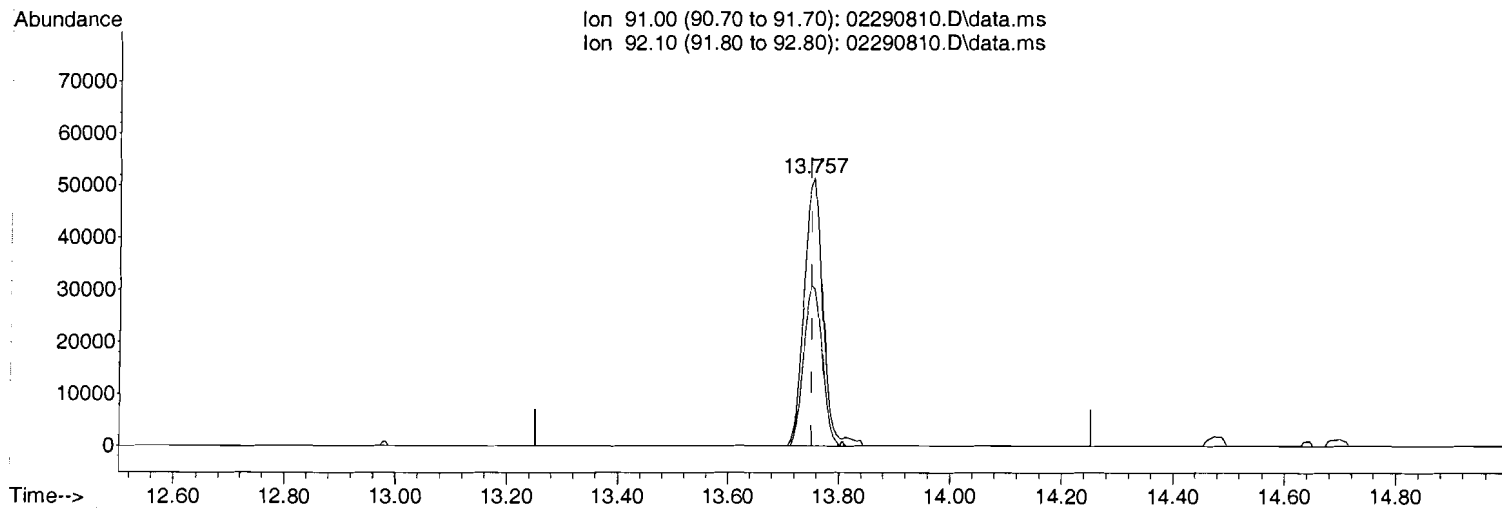
response 19269

Ion	Exp%	Act%
58.00	100	100
85.05	41.50	31.37
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : J:\MS08\Data\2008_02\29\
 Data File : 02290810.D
 Acq On : 29 Feb 2008 17:25
 Operator : SC
 Sample : P0800448-004 (250ml)
 'sc : Walden SV-1 (0.8,3.8)
 S Vial : 9 Sample Multiplier: 1

Quant Time: Mar 03 08:50:33 2008
 Quant Method : J:\MS08\Methods\R8022108.M
 Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 QLast Update : Fri Feb 22 09:32:02 2008
 Response via : Initial Calibration



(58) Toluene (T)

13.757min (+0.006) 1.46ng

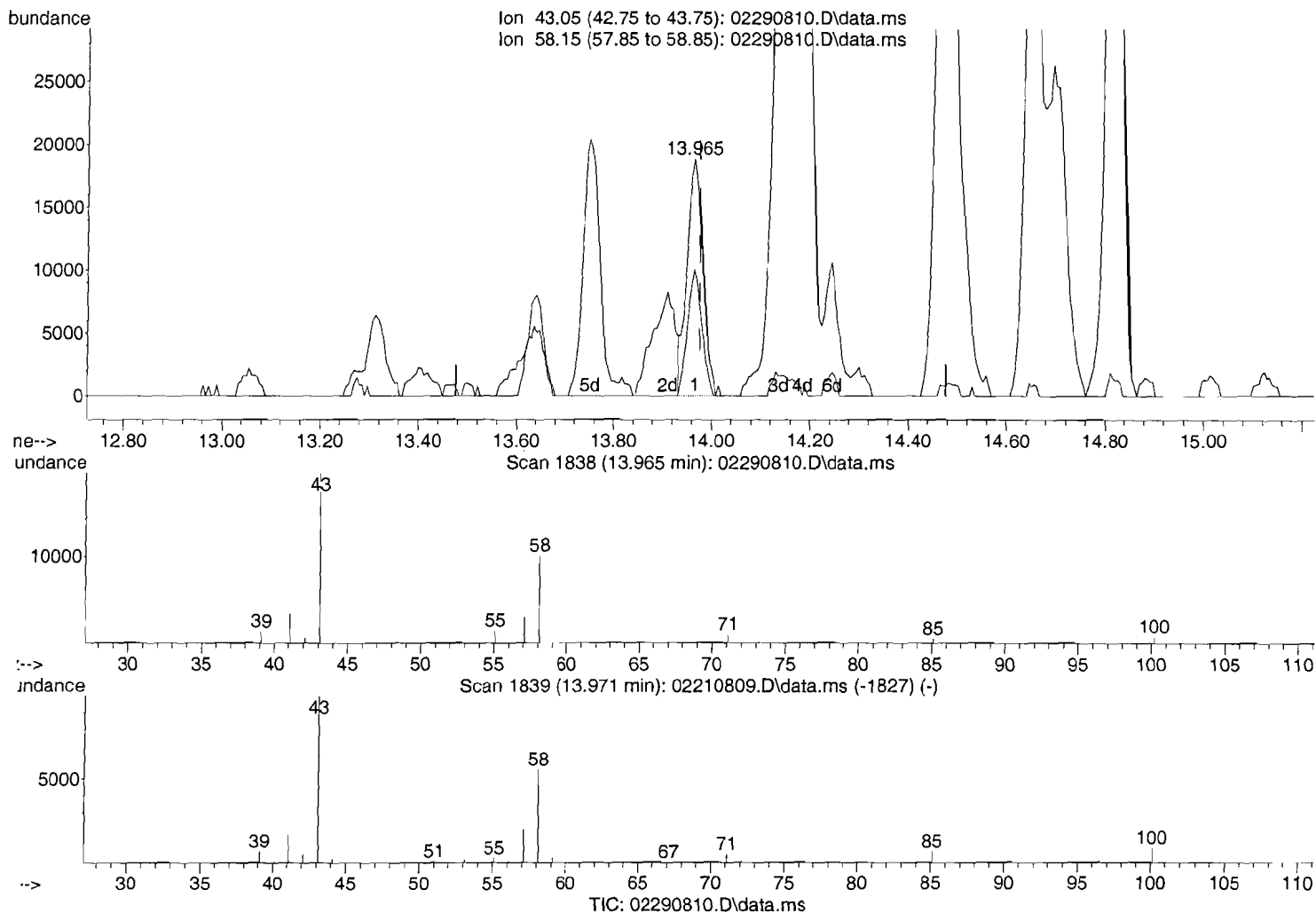
response 119788

Ion	Exp%	Act%
91.00	100	100
92.10	59.00	59.17
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : J:\MS08\Data\2008_02\29\
Data File : 02290810.D
Acq On : 29 Feb 2008 17:25
Operator : SC
Sample : P0800448-004 (250ml)
Misc : Walden SV-1 (0.8,3.8)
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 03 08:50:33 2008
Quant Method : J:\MS08\Methods\R8022108.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Fri Feb 22 09:32:02 2008
Response via : Initial Calibration



(59) 2-Hexanone (T)

13.965min (-0.011) 0.63ng

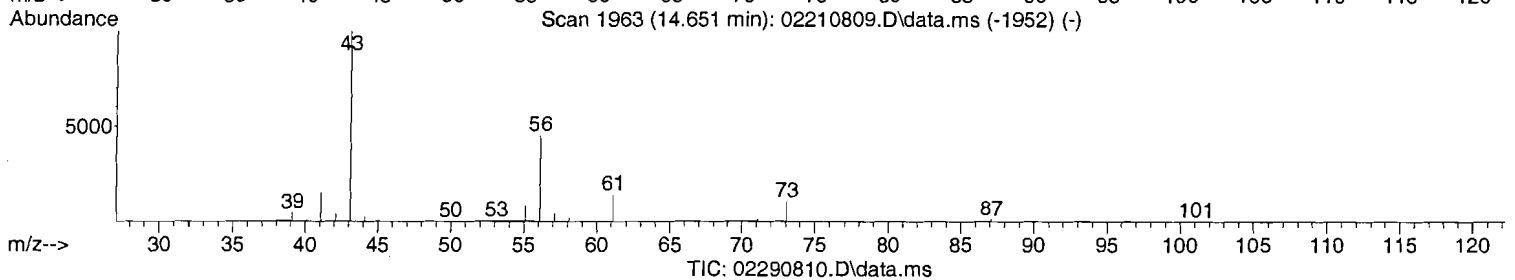
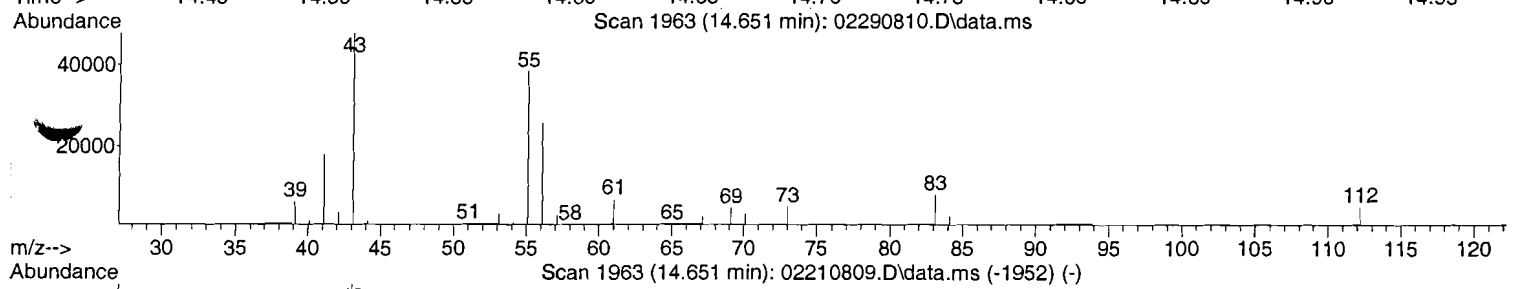
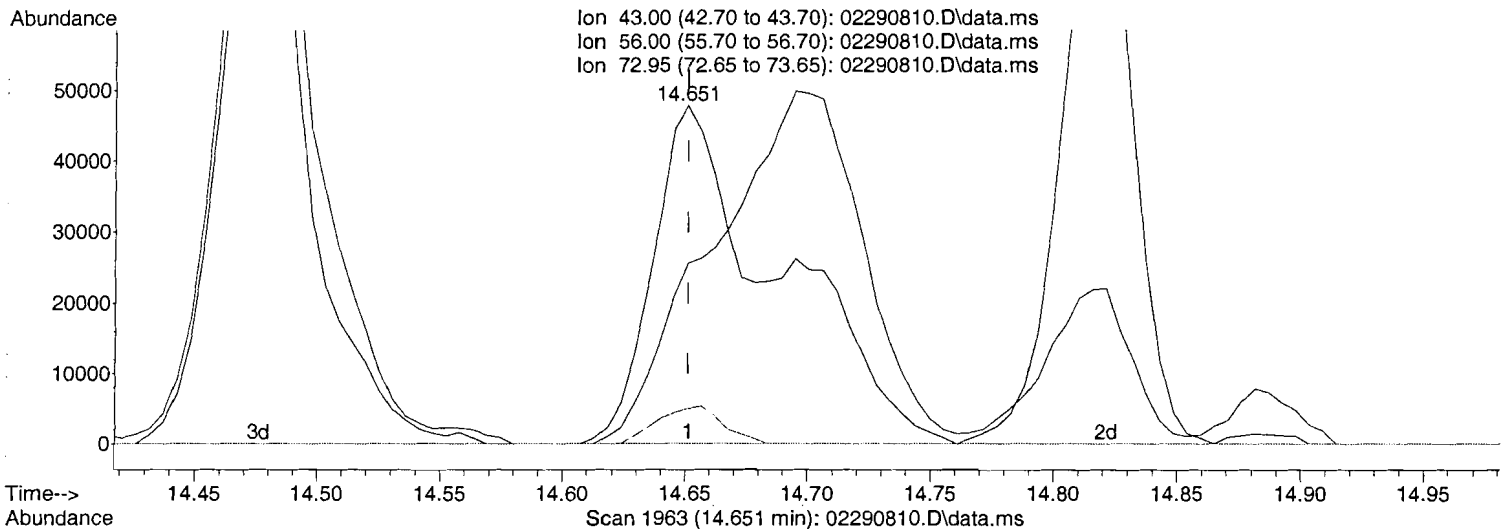
response 41795

Ion	Exp%	Act%
43.05	100	100
58.15	56.20	48.16
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : J:\MS08\Data\2008_02\29\
Data File : 02290810.D
Acq On : 29 Feb 2008 17:25
Operator : SC
Sample : P0800448-004 (250ml)
Disc : Walden SV-1 (0.8,3.8)
S Vial : 9 Sample Multiplier: 1

Quant Time: Mar 03 09:50:33 2008
Quant Method : J:\MS08\Methods\R8022108.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Fri Feb 22 09:32:02 2008
Response via : Initial Calibration



(62) Butyl Acetate (T)

14.651min (+0.000) 2.57ng

response 172534

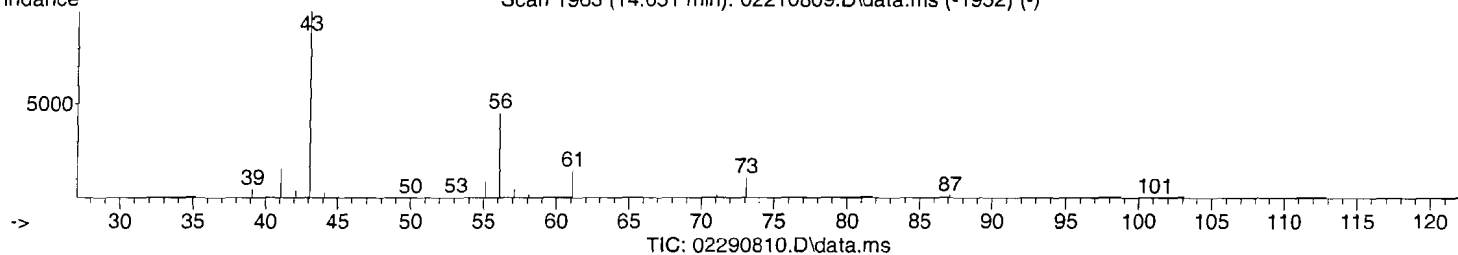
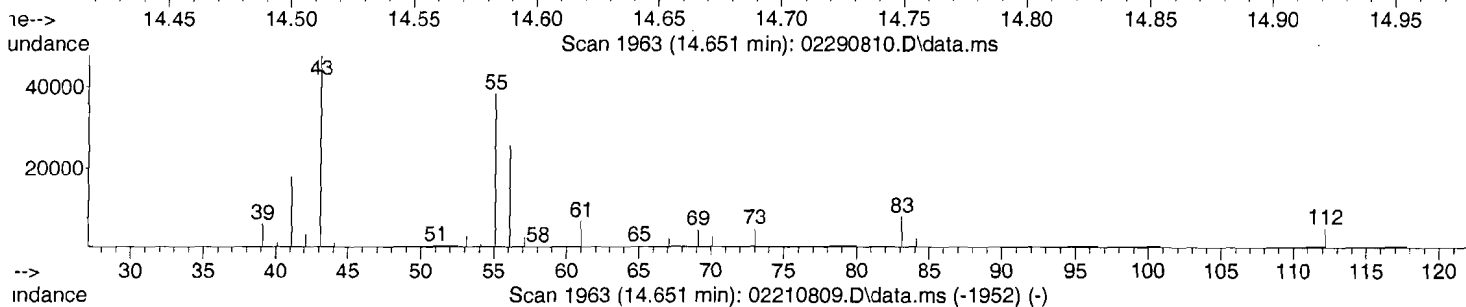
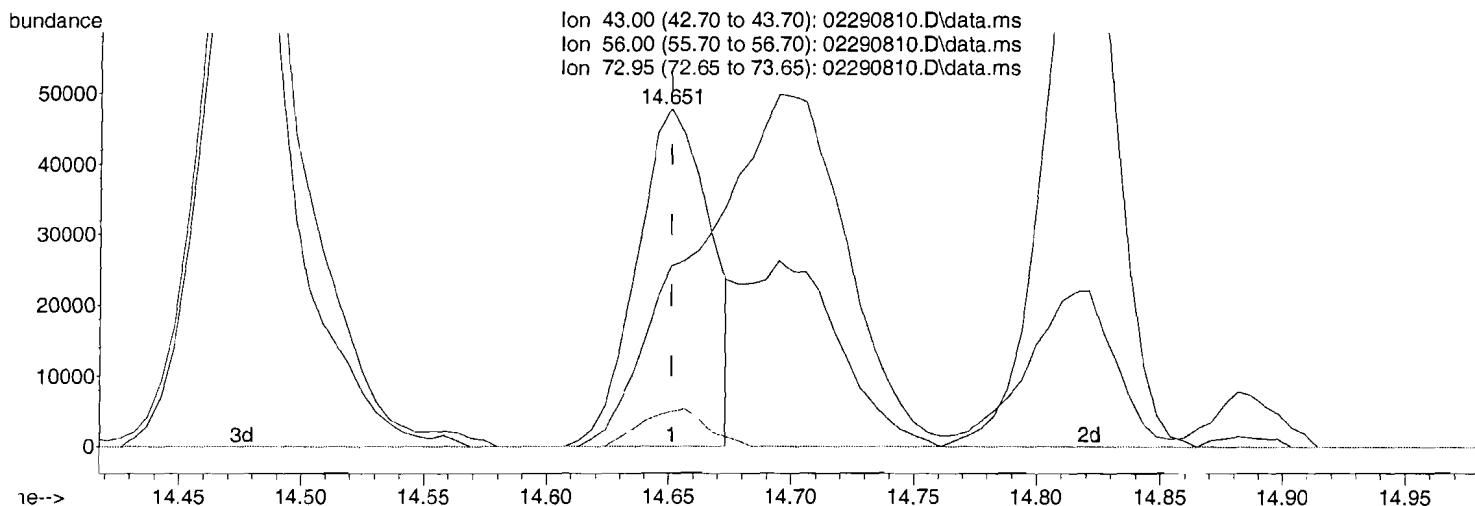
Ion	Exp%	Act%
43.00	100	100
56.00	41.20	0.00#
72.95	15.30	5.76
0.00	0.00	0.00

Shoulder

Quantitation Report (Qedit)

Data Path : J:\MS08\Data\2008_02\29\
Data File : 02290810.D
Acq On : 29 Feb 2008 17:25
Operator : SC
Sample : P0800448-004 (250ml)
Misc : Walden SV-1 (0.8,3.8)
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 03 09:50:33 2008
Quant Method : J:\MS08\Methods\R8022108.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Fri Feb 22 09:32:02 2008
Response via : Initial Calibration



(62) Butyl Acetate (T)

14.651min (+0.000) 1.49ng m

response 100318

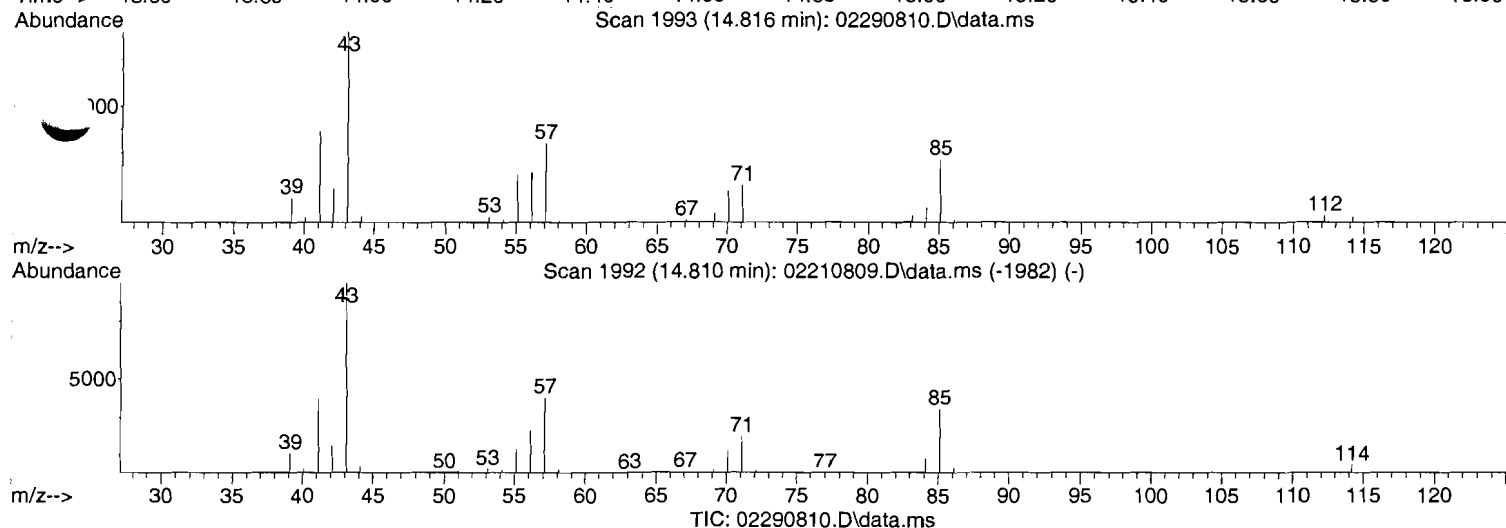
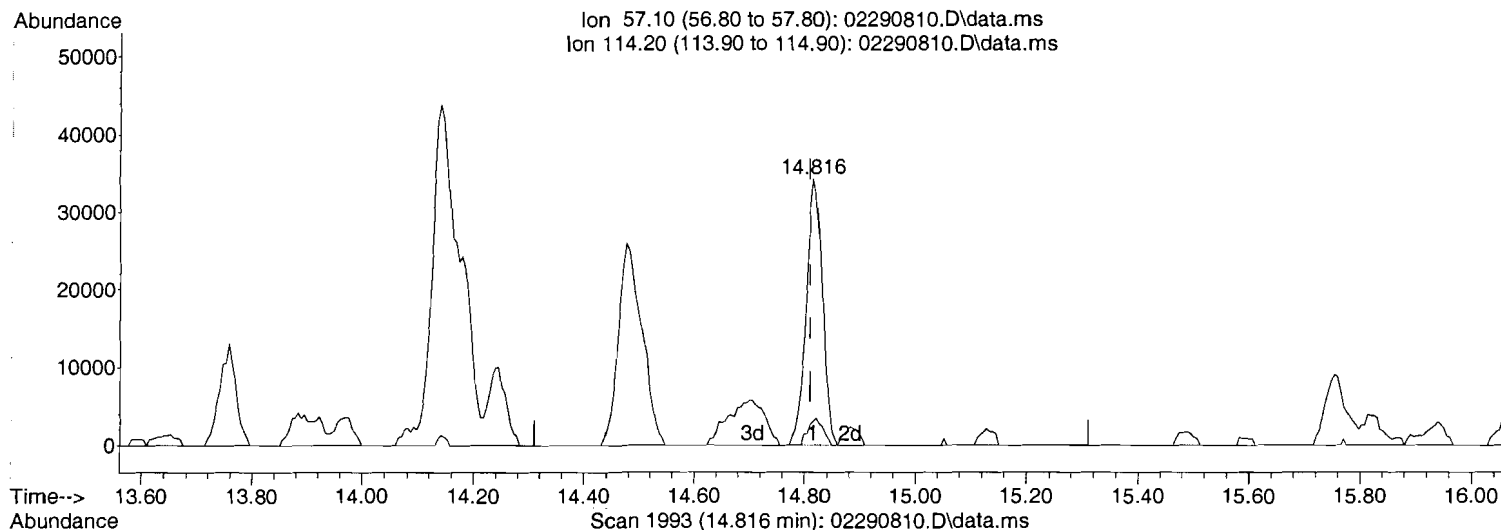
Ion	Exp%	Act%
43.00	100	100
56.00	41.20	0.00#
72.95	15.30	9.90
0.00	0.00	0.00

W/o shoulder peak
3/10/08
3/10/08

Quantitation Report (Qedit)

Data Path : J:\MS08\Data\2008_02\29\
 Data File : 02290810.D
 Acq On : 29 Feb 2008 17:25
 Operator : SC
 Sample : P0800448-004 (250ml)
 Disc : Walden SV-1 (0.8,3.8)
 Vial : 9 Sample Multiplier: 1

Quant Time: Mar 03 08:50:33 2008
 Quant Method : J:\MS08\Methods\R8022108.M
 Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 QLast Update : Fri Feb 22 09:32:02 2008
 Response via : Initial Calibration



(63) n-Octane (T)

14.816min (+0.006) 2.81ng

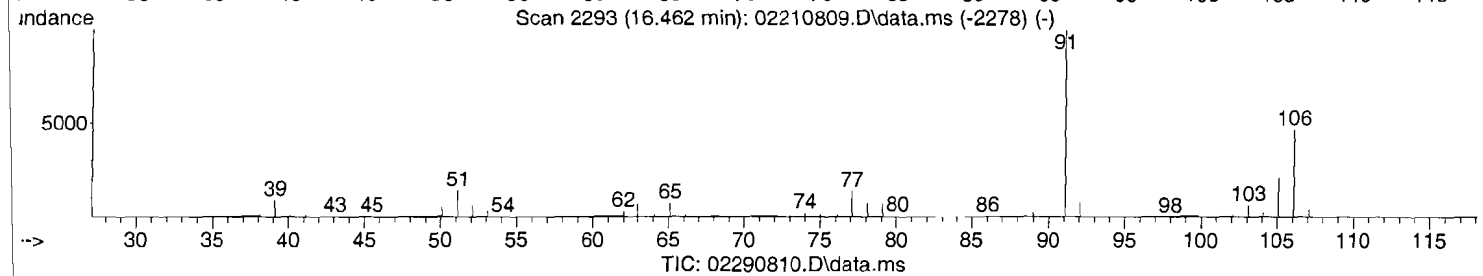
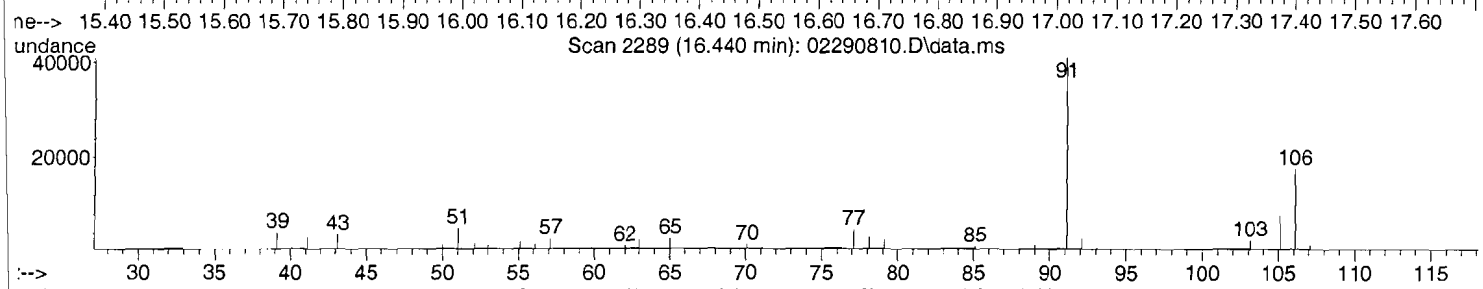
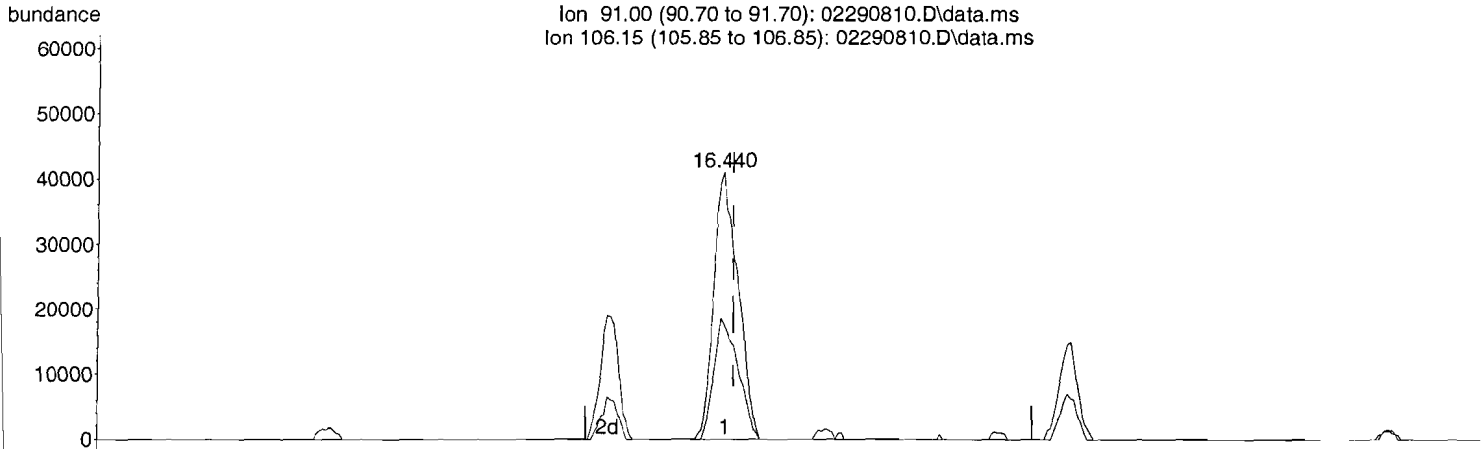
response 67846

Ion	Exp%	Act%
57.10	100	100
114.20	12.90	9.31
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : J:\MS08\Data\2008_02\29\
 Data File : 02290810.D
 Acq On : 29 Feb 2008 17:25
 Operator : SC
 Sample : P0800448-004 (250ml)
 Misc : Walden SV-1 (0.8,3.8)
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 03 08:50:33 2008
 Quant Method : J:\MS08\Methods\R8022108.M
 Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 QLast Update : Fri Feb 22 09:32:02 2008
 Response via : Initial Calibration



(67) m- & p-Xylene (T)

16.440min (-0.016) 1.76ng

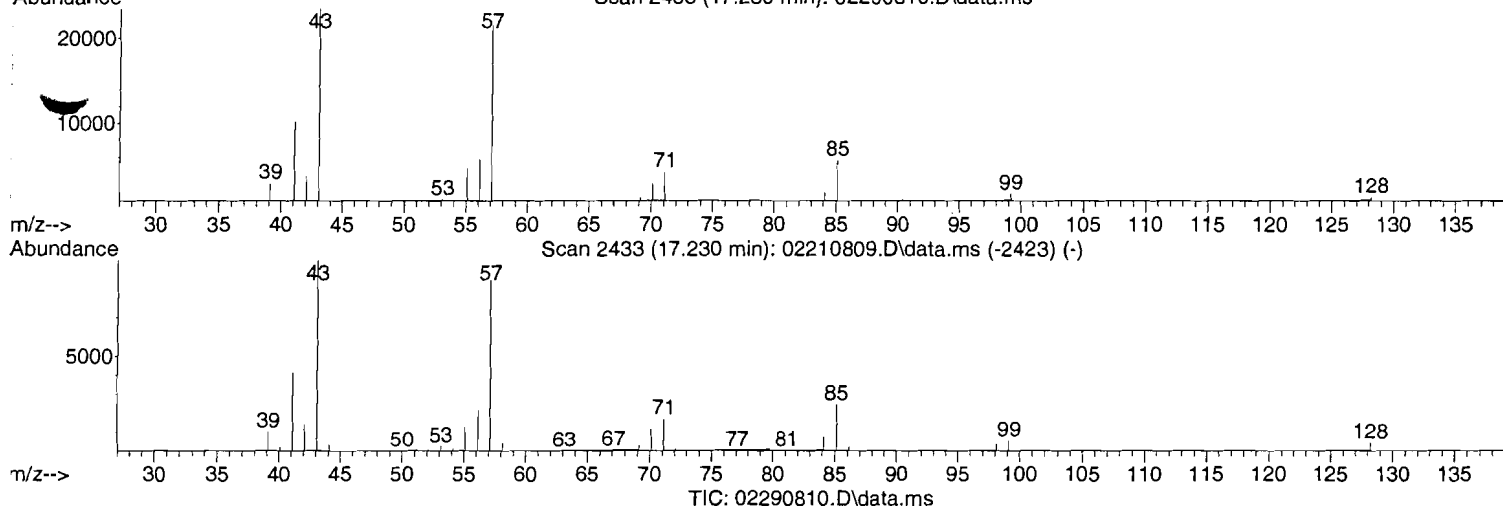
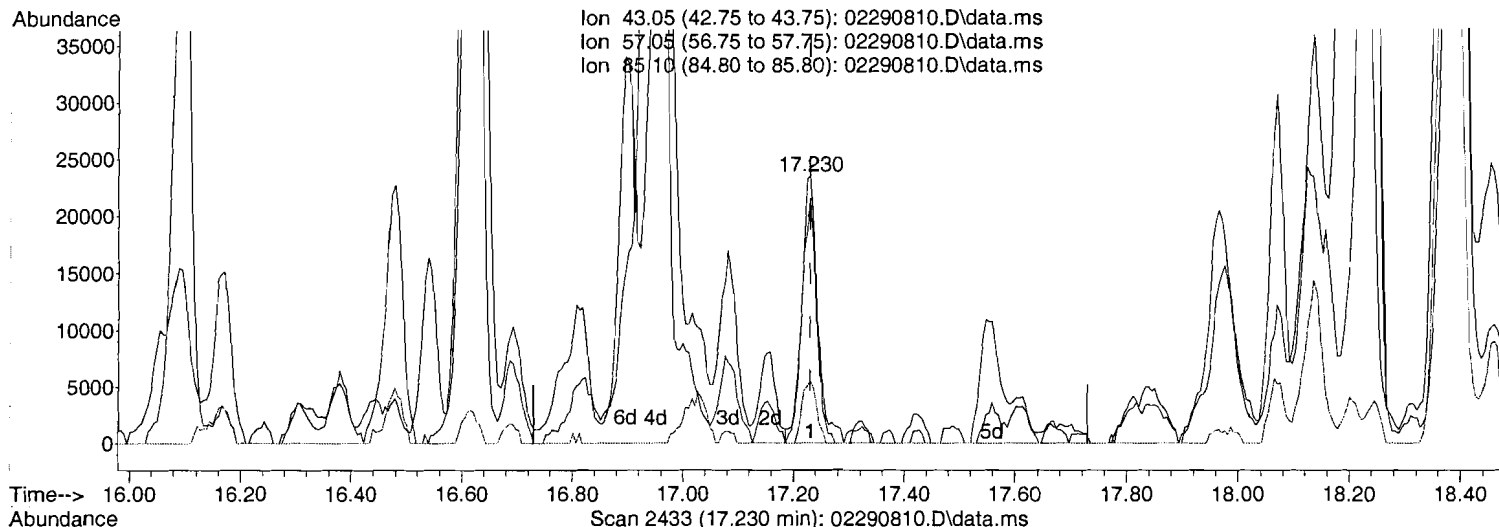
response 117174

Ion	Exp%	Act%
91.00	100	100
106.15	48.60	45.27
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : J:\MS08\Data\2008_02\29\
 Data File : 02290810.D
 Acq On : 29 Feb 2008 17:25
 Operator : SC
 Sample : P0800448-004 (250ml)
 :sc : Walden SV-1 (0.8,3.8)
 S Vial : 9 Sample Multiplier: 1

Quant Time: Mar 03 08:50:33 2008
 Quant Method : J:\MS08\Methods\R8022108.M
 Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 QLast Update : Fri Feb 22 09:32:02 2008
 Response via : Initial Calibration



(71) n-Nonane (T)

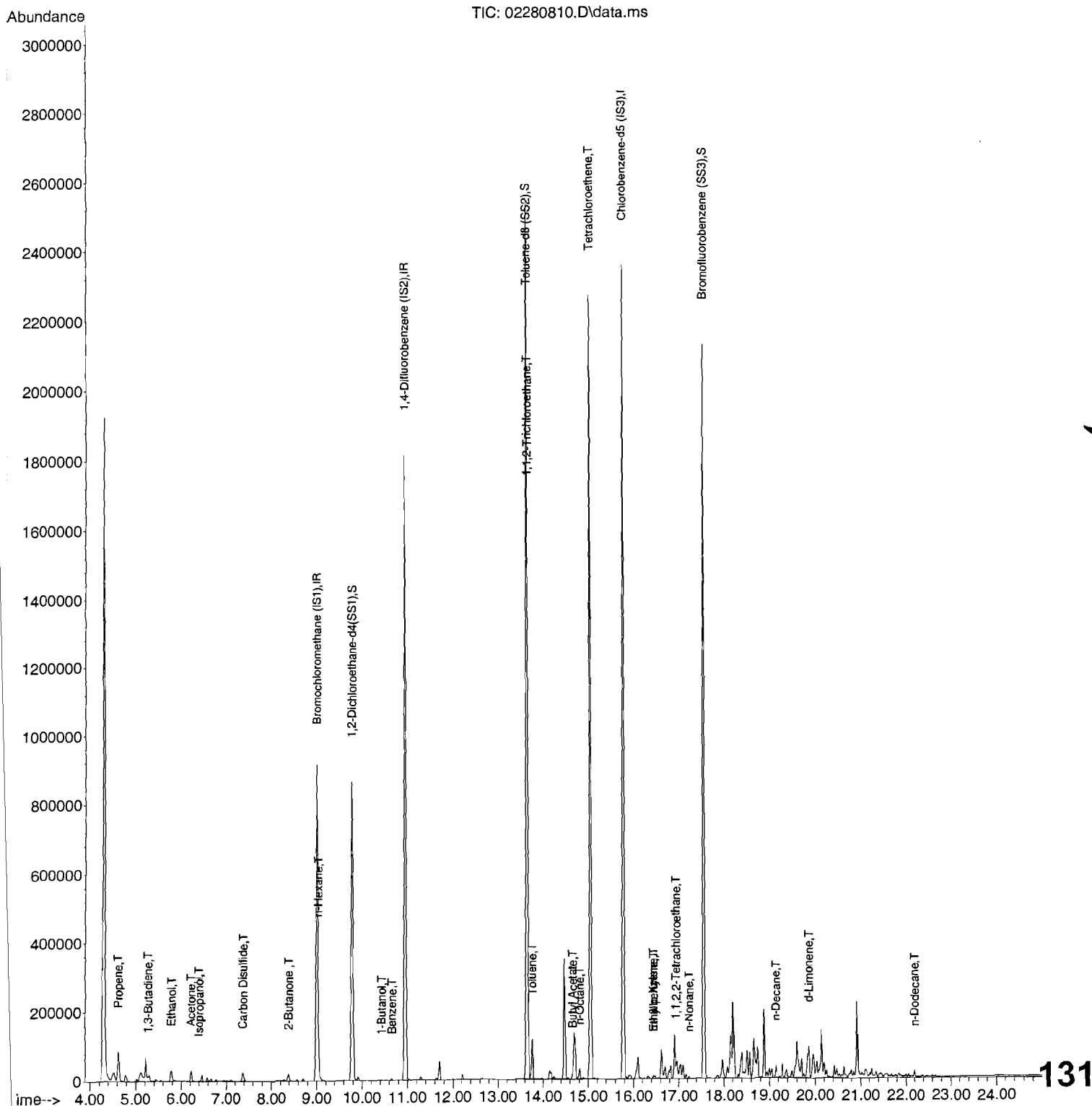
17.230min (+0.000) 0.79ng

response 46904

Ion	Exp%	Act%
43.05	100	100
57.05	91.40	83.97
85.10	32.80	21.40
0.00	0.00	0.00

Data Path : J:\MS08\Data\2008_02\28\
Data File : 02280810.D
Acq On : 28 Feb 2008 17:29
Operator : SC
Sample : P0800448-004 Dil (25ml)
Misc : Walden SV-1 (0.8,3.8)
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Feb 29 08:48:40 2008
Quant Method : J:\MS08\Methods\R8022108.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Fri Feb 22 09:32:02 2008
Response via : Initial Calibration



Data Path : J:\MS08\Data\2008_02\28\
 Data File : 02280810.D
 Acq On : 28 Feb 2008 17:29
 Operator : SC
 Sample : P0800448-004 Dil(25ml)
 Vial : 9 Sample Multiplier: 1

Quant Time: Feb 29 08:48:40 2008
 Quant Method : J:\MS08\Methods\R8022108.M
 Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 QLast Update : Fri Feb 22 09:32:02 2008
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane (IS1)	9.00	130	352594	25.000	ng	0.00
37) 1,4-Difluorobenzene (IS2)	10.94	114	1682063	25.000	ng	0.00
56) Chlorobenzene-d5 (IS3)	15.77	82	962034	25.000	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4(...)	9.77	65	837041	25.724	ng	0.00
Spiked Amount 25.000			Recovery =	102.88%		
57) Toluene-d8 (SS2)	13.64	98	1971602	24.791	ng	0.00
Spiked Amount 25.000			Recovery =	99.16%		
73) Bromofluorobenzene (SS3)	17.55	174	687114	24.693	ng	0.00
Spiked Amount 25.000			Recovery =	98.76%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Propene	4.61	42	34186	1.072	ng	96
3) Dichlorodifluoromethane	4.71	85	2113	N.D.		
4) Chloromethane	0.00	50	0	N.D.		
5) Freon 114	0.00	135	0	N.D.		
6) Vinyl Chloride	0.00	62	0	N.D.		
7) 1,3-Butadiene	5.26	54	4958	0.130	ng	# 70
8) Bromomethane	0.00	94	0	N.D.		
9) Chloroethane	0.00	64	0	N.D.		
10) Ethanol	5.77	45	57195	2.699	ng	96
11) Acetonitrile	6.04	41	1713	N.D.		
12) Acrolein	0.00	56	0	N.D.		
13) Acetone	6.21	58	19528	0.762	ng	# 81
14) Trichlorofluoromethane	0.00	101	0	N.D.		
15) Isopropanol	6.39	45	4848	0.063	ng	# 61
16) Acrylonitrile	0.00	53	0	N.D.		
17) 1,1-Dichloroethene	0.00	96	0	N.D.		
18) tert-Butanol	0.00	59	0	N.D.		
19) Methylene Chloride	0.00	84	0	N.D.		
20) Allyl Chloride	0.00	41	0	N.D.		
21) Trichlorotrifluoroethane	0.00	151	0	N.D.		
22) Carbon Disulfide	7.38	76	33125	0.338	ng	90
23) trans-1,2-Dichloroethene	0.00	61	0	N.D.		
24) 1,1-Dichloroethane	0.00	63	0	N.D.		
25) Methyl tert-Butyl Ether	0.00	73	0	N.D.		
26) Vinyl Acetate	0.00	86	0	N.D.		
27) 2-Butanone	8.38	72	6054	0.428	ng	# 13
28) cis-1,2-Dichloroethene	0.00	61	0	N.D.		
29) Diisopropyl Ether	0.00	87	0	N.D.		
30) Ethyl Acetate	0.00	61	0	N.D.		
31) n-Hexane	9.02	57	4302	0.079	ng	# 64
32) Chloroform	0.00	83	0	N.D.		
34) Tetrahydrofuran	0.00	72	0	N.D.		
35) Ethyl tert-Butyl Ether	0.00	87	0	N.D.		
36) 1,2-Dichloroethane	0.00	62	0	N.D.		
38) 1,1,1-Trichloroethane	0.00	97	0	N.D.		
39) Isopropyl Acetate	0.00	61	0	N.D.		
40) 1-Butanol	10.43	56	2517	0.079	ng	# 74
41) Benzene	10.65	78	7140	0.083	ng	# 59
Carbon Tetrachloride	0.00	117	0	N.D.		
43) Cyclohexane	0.00	84	0	N.D.		
44) tert-Amyl Methyl Ether	0.00	73	0	N.D.		
45) 1,2-Dichloropropane	0.00	63	0	N.D.		
46) Bromodichloromethane	0.00	83	0	N.D.		

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Data Path : J:\MS08\Data\2008_02\28\
Data File : 02280810.D
Acq On : 28 Feb 2008 17:29
Operator : SC
Sample : P0800448-004 Dil(25ml)
Misc : Walden SV-1 (0.8,3.8)
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Feb 29 08:48:40 2008
Quant Method : J:\MS08\Methods\R8022108.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Fri Feb 22 09:32:02 2008
Response via : Initial Calibration

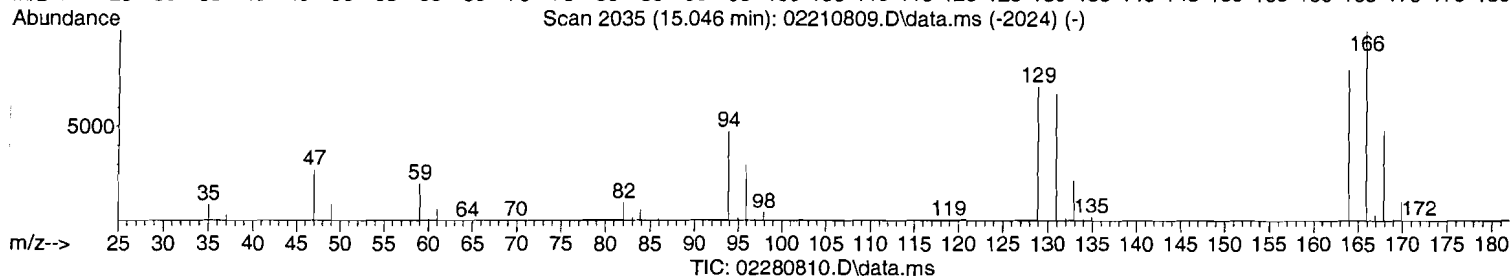
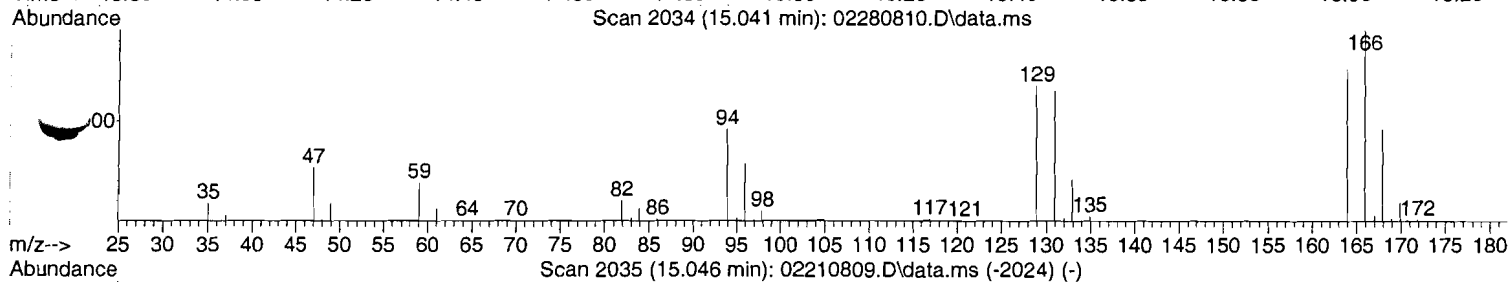
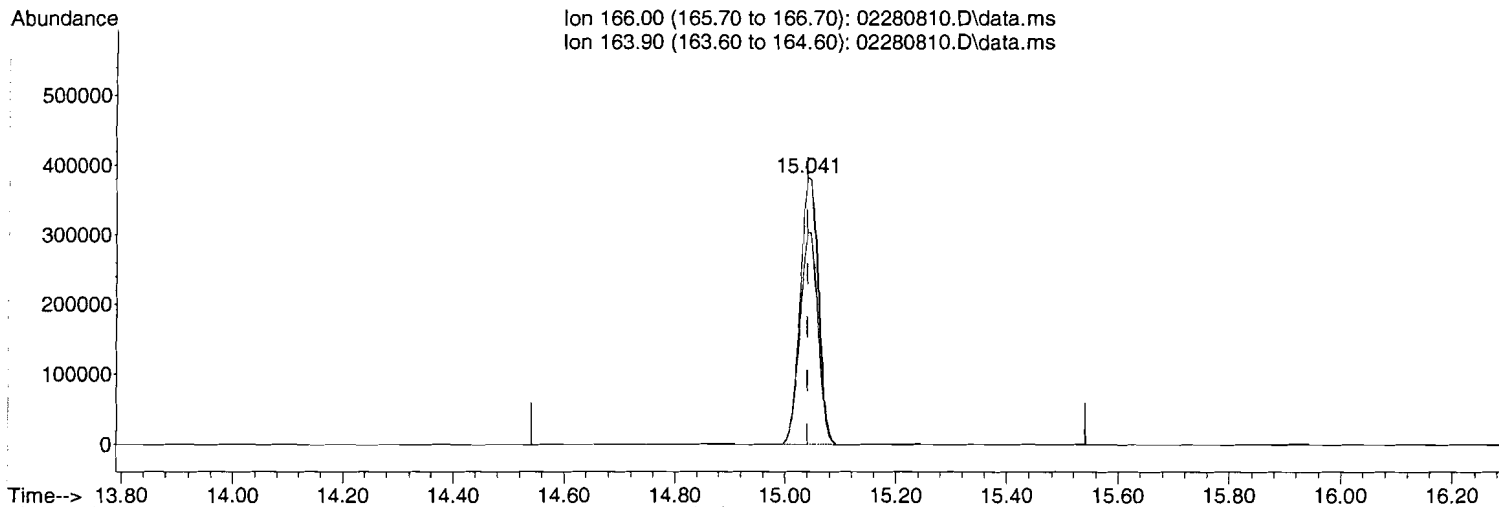
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) Trichloroethene	0.00	130	0	N.D.		
48) 1,4-Dioxane	0.00	88	0	N.D.		
49) Isooctane	0.00	57	0	N.D.		
50) Methyl Methacrylate	0.00	100	0	N.D.		
51) n-Heptane	0.00	71	0	N.D.		
52) cis-1,3-Dichloropropene	0.00	75	0	N.D.		
53) 4-Methyl-2-pentanone	12.65	58	949	N.D.		
54) trans-1,3-Dichloropropene	0.00	75	0	N.D.		
55) 1,1,2-Trichloroethane	13.65	97	170683	8.590 ng	#	6
58) Toluene	13.75	91	11614	0.126 ng		98
59) 2-Hexanone	13.97	43	3229	N.D.		
60) Dibromochloromethane	0.00	129	0	N.D.		
61) 1,2-Dibromoethane	0.00	107	0	N.D.		
62) Butyl Acetate	14.65	43	16683	0.222 ng	#	42
63) n-Octane	14.80	57	5978	0.222 ng	#	67
64) Tetrachloroethene	15.04	166	846242	35.937 ng		99
65) Chlorobenzene	15.75	112	544	N.D.		
66) Ethylbenzene	16.44	91	11363	0.103 ng		76
67) m- & p-Xylene	16.44	91	11363	0.153 ng		94
68) Bromoform	0.00	173	0	N.D.		
69) Styrene	0.00	104	0	N.D.		
70) o-Xylene	17.02	91	2316	N.D.		
71) n-Nonane	17.23	43	4534	0.068 ng	#	76
72) 1,1,2,2-Tetrachloroethane	16.93	83	1617	0.052 ng	#	18
74) Cumene	0.00	105	0	N.D.		
75) alpha-Pinene	0.00	93	0	N.D.		
76) n-Propylbenzene	18.31	91	309	N.D.		
77) 3-Ethyltoluene	18.43	105	3415	N.D.		
78) 4-Ethyltoluene	18.48	105	291	N.D.		
79) 1,3,5-Trimethylbenzene	18.56	105	921	N.D.		
80) alpha-Methylstyrene	0.00	118	0	N.D.		
81) 2-Ethyltoluene	19.05	105	3590	N.D.		
82) 1,2,4-Trimethylbenzene	19.05	105	3590	N.D.		
83) n-Decane	19.14	57	15093	0.216 ng		78
84) Benzyl Chloride	0.00	91	0	N.D.		
85) 1,3-Dichlorobenzene	0.00	146	0	N.D.		
86) 1,4-Dichlorobenzene	0.00	146	0	N.D.		
87) sec-Butylbenzene	19.57	105	572	N.D.		
88) p-Isopropyltoluene	0.00	119	0	N.D.		
89) 1,2,3-Trimethylbenzene	19.57	105	572	N.D.		
90) 1,2-Dichlorobenzene	0.00	146	0	N.D.		
91) d-Limonene	19.85	68	12181	0.345 ng	#	15
92) 1,2-Dibromo-3-Chloropr...	0.00	157	0	N.D.		
93) n-Undecane	20.41	57	2637	N.D.		
94) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.		
95) Naphthalene	21.92	128	256	N.D.		
96) n-Dodecane	22.19	57	7287	0.105 ng		92
97) Hexachloro-1,3-butadiene	0.00	225	0	N.D.		

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

Quantitation Report (Qedit)

Data Path : J:\MS08\Data\2008_02\28\
 Data File : 02280810.D
 Acq On : 28 Feb 2008 17:29
 Operator : SC
 Sample : P0800448-004 Dil(25ml)
 Vial : Walden SV-1 (0.8,3.8)
 S Vial : 9 Sample Multiplier: 1

Quant Time: Feb 29 08:48:40 2008
 Quant Method : J:\MS08\Methods\R8022108.M
 Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 QLast Update : Fri Feb 22 09:32:02 2008
 Response via : Initial Calibration



(64) Tetrachloroethene (T)

15.041min (+0.000) 35.94ng

response 846242

Ion	Exp%	Act%
166.00	100	100
163.90	78.10	79.09
0.00	0.00	0.00
0.00	0.00	0.00

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Page 1 of 3

Client: **Walden Environmental Engineering, PLLC**Client Sample ID: **SV-2**Client Project ID: **Bayville Village Cleaners / BVC0106**

CAS Project ID: P0800448

CAS Sample ID: P0800448-005

Test Code: EPA TO-15

Date Collected: 2/22/08

Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8

Date Received: 2/26/08

Analyst: Simon Cao

Date Analyzed: 2/28 - 2/29/08

Sampling Media: 6.0 L Summa Canister

Volume(s) Analyzed: 0.25 Liter(s)

Test Notes:

0.025 Liter(s)

Container ID: SC00823

Initial Pressure (psig): 0.6 Final Pressure (psig): 3.5

Canister Dilution Factor: 1.19

CAS #	Compound	Result $\mu\text{g}/\text{m}^3$	MRL $\mu\text{g}/\text{m}^3$	Result ppbV	MRL ppbV	Data Qualifier
115-07-1	Propene	61	2.4	35	1.4	
75-71-8	Dichlorodifluoromethane (CFC 12)	2.5	2.4	0.52	0.48	
74-87-3	Chloromethane	ND	2.4	ND	1.2	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	ND	2.4	ND	0.34	
75-01-4	Vinyl Chloride	ND	2.4	ND	0.93	
106-99-0	1,3-Butadiene	8.9	2.4	4.0	1.1	
74-83-9	Bromomethane	ND	2.4	ND	0.61	
75-00-3	Chloroethane	ND	2.4	ND	0.90	
64-17-5	Ethanol	ND	24	ND	13	
75-05-8	Acetonitrile	ND	2.4	ND	1.4	
107-02-8	Acrolein	ND	2.4	ND	1.0	
57-64-1	Acetone	30	24	12	10	
75-69-4	Trichlorofluoromethane	ND	2.4	ND	0.42	
57-63-0	2-Propanol (Isopropyl Alcohol)	ND	2.4	ND	0.97	
107-13-1	Acrylonitrile	ND	2.4	ND	1.1	
75-35-4	1,1-Dichloroethene	ND	2.4	ND	0.60	
75-09-2	Methylene Chloride	ND	2.4	ND	0.69	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	ND	2.4	ND	0.76	
76-13-1	Trichlorotrifluoroethane	ND	2.4	ND	0.31	
75-15-0	Carbon Disulfide	3.7	2.4	1.2	0.76	
56-60-5	trans-1,2-Dichloroethene	ND	2.4	ND	0.60	
75-34-3	1,1-Dichloroethane	ND	2.4	ND	0.59	
634-04-4	Methyl tert-Butyl Ether	ND	2.4	ND	0.66	
08-05-4	Vinyl Acetate	ND	24	ND	6.8	
8-93-3	2-Butanone (MEK)	21	2.4	7.1	0.81	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

RL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RerDate: 3/11/08

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COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Page 2 of 3

Client: **Walden Environmental Engineering, PLLC**Client Sample ID: **SV-2**Client Project ID: **Bayville Village Cleaners / BVC0106**CAS Project ID: **P0800448**CAS Sample ID: **P0800448-005**Test Code: **EPA TO-15**Instrument ID: **Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8**Analyst: **Simon Cao**Sampling Media: **6.0 L Summa Canister**

Test Notes:

Container ID: **SC00823**Date Collected: **2/22/08**Date Received: **2/26/08**Date Analyzed: **2/28 - 2/29/08**Volume(s) Analyzed: **0.25 Liter(s)****0.025 Liter(s)**Initial Pressure (psig): **0.6** Final Pressure (psig): **3.5**Canister Dilution Factor: **1.19**

CAS #	Compound	Result $\mu\text{g}/\text{m}^3$	MRL $\mu\text{g}/\text{m}^3$	Result ppbV	MRL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	3.6	2.4	0.90	0.60	
141-78-6	Ethyl Acetate	4.0	2.4	1.1	0.66	
110-54-3	n-Hexane	5.0	2.4	1.4	0.68	
67-66-3	Chloroform	13	2.4	2.7	0.49	
109-99-9	Tetrahydrofuran (THF)	2.5	2.4	0.84	0.81	
107-06-2	1,2-Dichloroethane	ND	2.4	ND	0.59	
71-43-3	1,1,1-Trichloroethane	ND	2.4	ND	0.44	
71-43-2	Benzene	3.3	2.4	1.0	0.75	
56-23-5	Carbon Tetrachloride	ND	2.4	ND	0.38	
110-82-7	Cyclohexane	3.8	2.4	1.1	0.69	
78-87-5	1,2-Dichloropropane	ND	2.4	ND	0.52	
75-27-4	Bromodichloromethane	ND	2.4	ND	0.36	
79-01-6	Trichloroethene	20	2.4	3.6	0.44	
123-91-1	1,4-Dioxane	ND	2.4	ND	0.66	
80-62-6	Methyl Methacrylate	ND	2.4	ND	0.58	
142-82-5	n-Heptane	2.6	2.4	0.64	0.58	
10061-01-5	cis-1,3-Dichloropropene	ND	2.4	ND	0.52	
108-10-1	4-Methyl-2-pentanone	ND	2.4	ND	0.58	
10061-02-6	trans-1,3-Dichloropropene	ND	2.4	ND	0.52	
79-00-5	1,1,2-Trichloroethane	ND	2.4	ND	0.44	
108-88-3	Toluene	8.7	2.4	2.3	0.63	
591-78-6	2-Hexanone	ND	2.4	ND	0.58	
124-48-1	Dibromochloromethane	ND	2.4	ND	0.28	
106-93-4	1,2-Dibromoethane	ND	2.4	ND	0.31	
123-86-4	n-Butyl Acetate	ND	2.4	ND	0.50	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: R. CaoDate: 3/11/08

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COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Page 3 of 3

Client: **Walden Environmental Engineering, PLLC**
 Client Sample ID: **SV-2**
 Client Project ID: **Bayville Village Cleaners / BVC0106**

CAS Project ID: P0800448
 CAS Sample ID: P0800448-005

Test Code: EPA TO-15
 Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
 Analyst: Simon Cao
 Sampling Media: 6.0 L Summa Canister
 Test Notes:
 Container ID: SC00823

Date Collected: 2/22/08
 Date Received: 2/26/08
 Date Analyzed: 2/28 - 2/29/08
 Volume(s) Analyzed: 0.25 Liter(s)
 0.025 Liter(s)

Initial Pressure (psig): 0.6 Final Pressure (psig): 3.5

Canister Dilution Factor: 1.19

CAS #	Compound	Result $\mu\text{g}/\text{m}^3$	MRL $\mu\text{g}/\text{m}^3$	Result ppbV	MRL ppbV	Data Qualifier
111-65-9	n-Octane	13	2.4	2.7	0.51	
127-18-4	Tetrachloroethene	1,600	2.4	230	0.35	
108-90-7	Chlorobenzene	ND	2.4	ND	0.52	
100-41-4	Ethylbenzene	2.8	2.4	0.64	0.55	
79601-23-1	m,p-Xylenes	15	4.8	3.4	1.1	
75-25-2	Bromoform	ND	2.4	ND	0.23	
100-42-5	Styrene	ND	2.4	ND	0.56	
105-47-6	o-Xylene	2.6	2.4	0.60	0.55	
111-84-2	n-Nonane	3.6	2.4	0.69	0.45	
9-34-5	1,1,2,2-Tetrachloroethane	ND	2.4	ND	0.35	
8-82-8	Cumene	ND	2.4	ND	0.48	
80-56-8	alpha-Pinene	6.4	2.4	1.1	0.43	
103-65-1	n-Propylbenzene	ND	2.4	ND	0.48	
122-96-8	4-Ethyltoluene	ND	2.4	ND	0.48	
108-67-8	1,3,5-Trimethylbenzene	ND	2.4	ND	0.48	
105-63-6	1,2,4-Trimethylbenzene	ND	2.4	ND	0.48	
100-44-7	Benzyl Chloride	ND	2.4	ND	0.46	
141-73-1	1,3-Dichlorobenzene	ND	2.4	ND	0.40	
106-46-7	1,4-Dichlorobenzene	ND	2.4	ND	0.40	
105-50-1	1,2-Dichlorobenzene	ND	2.4	ND	0.40	
1089-27-5	d-Limonene	ND	2.4	ND	0.43	
105-12-8	1,2-Dibromo-3-chloropropane	ND	2.4	ND	0.25	
100-82-1	1,2,4-Trichlorobenzene	ND	2.4	ND	0.32	
120-20-3	Naphthalene	ND	2.4	ND	0.45	
106-68-3	Hexachlorobutadiene	ND	2.4	ND	0.22	

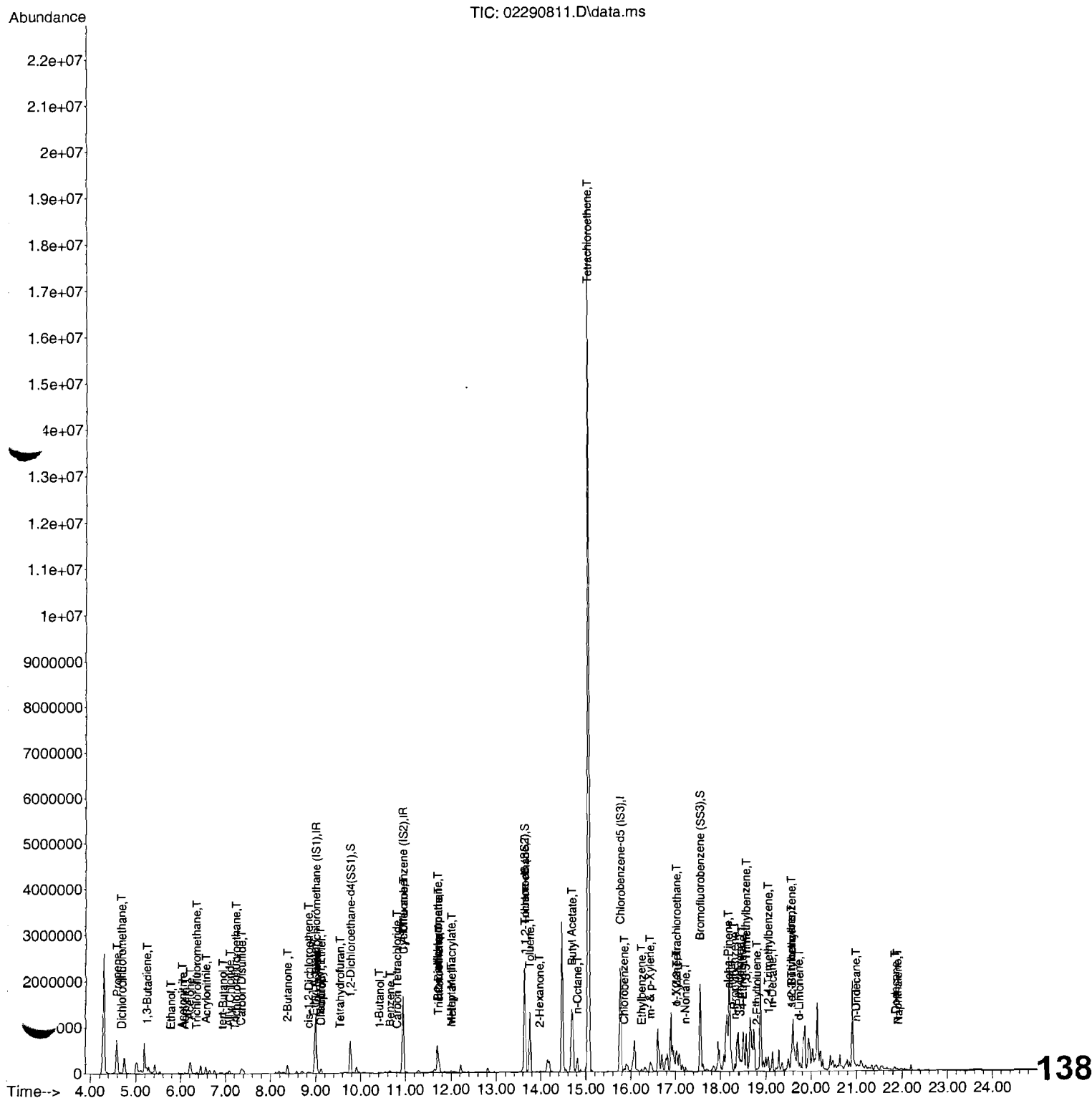
= Compound was analyzed for, but not detected above the laboratory reporting limit.

L = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: Re Date: 3/11/08 **137**

Data Path : J:\MS08\Data\2008_02\29\
Data File : 02290811.D
Acq On : 29 Feb 2008 18:02
Operator : SC
Sample : P0800448-005 (250ml)
sc : Walden SV-2 (0.6,3.5) ✓
S Vial : 10 Sample Multiplier: 1

Quant Time: Mar 10 13:14:48 2008
Quant Method : J:\MS08\Methods\R8022108.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Fri Feb 22 09:32:02 2008
Response via : Initial Calibration



Data Path : J:\MS08\Data\2008_02\29\
 Data File : 02290811.D
 Acq On : 29 Feb 2008 18:02
 Operator : SC
 Sample : P0800448-005 (250ml)
 Misc : Walden SV-2 (0.6,3.5) ✓
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 10 13:14:48 2008
 Quant Method : J:\MS08\Methods\R8022108.M
 Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 QLast Update : Fri Feb 22 09:32:02 2008
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane (IS1)	9.00	130	307114	25.000	ng	0.00
37) 1,4-Difluorobenzene (IS2)	10.94	114	1477077	25.000	ng	0.00
56) Chlorobenzene-d5 (IS3)	15.77	82	872072	25.000	ng	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4(...)	9.77	65	665474	23.480	ng	0.00
Spiked Amount	25.000		Recovery	=	93.92%	✓
57) Toluene-d8 (SS2)	13.64	98	1754057	24.331	ng	0.00
Spiked Amount	25.000		Recovery	=	97.32%	✓
73) Bromofluorobenzene (SS3)	17.55	174	603229	23.915	ng	0.00
Spiked Amount	25.000		Recovery	=	95.64%	✓

Target Compounds

					Qvalue
2) Propene	4.58	42	353663	12.731 ng	96
3) Dichlorodifluoromethane	4.68	85	23236	0.535 ng	96
4) Chloromethane	4.99	50	1246	N.D.	
5) Freon 114	0.00	135	0	N.D.	
6) Vinyl Chloride	0.00	62	0	N.D.	
7) 1,3-Butadiene	5.24	54	62248m	1.870 ng	
8) Bromomethane	0.00	94	0	N.D.	
9) Chloroethane	0.00	64	0	N.D.	
10) Ethanol	5.77	45	16488	0.893 ng	99
11) Acetonitrile	6.03	41	20828	0.388 ng	# 43
12) Acrolein	6.09	56	6084	0.415 ng	98
13) Acetone	6.20	58	139040	6.226 ng	# 81
14) Trichlorofluoromethane	6.35	101	7851	0.248 ng	98
15) Isopropanol	6.39	45	2839	N.D.	
16) Acrylonitrile	6.56	53	13605	0.377 ng	# 11
17) 1,1-Dichloroethene	0.00	96	0	N.D.	
18) tert-Butanol	6.94	59	5969	0.089 ng	# 1
19) Methylene Chloride	7.00	84	810	N.D.	
20) Allyl Chloride	7.09	41	10654	0.296 ng	# 40
21) Trichlorotrifluoroethane	7.23	151	962	0.065 ng	# 38
22) Carbon Disulfide	7.35	76	66271	0.777 ng	96
23) trans-1,2-Dichloroethene	0.00	61	0	N.D.	
24) 1,1-Dichloroethane	0.00	63	0	N.D.	
25) Methyl tert-Butyl Ether	0.00	73	0	N.D.	
26) Vinyl Acetate	0.00	86	0	N.D.	
27) 2-Butanone	8.36	72	53771	4.369 ng	# 31
28) cis-1,2-Dichloroethene	8.83	61	24221	0.752 ng	# 76
29) Diisopropyl Ether	9.11	87	7307	0.504 ng	# 1
30) Ethyl Acetate	8.96	61	6750m	0.847 ng	
31) n-Hexane	9.02	57	49681	1.046 ng	86
32) Chloroform	9.11	83	74466	2.763 ng	99
34) Tetrahydrofuran	9.53	72	6245	0.523 ng	# 43
35) Ethyl tert-Butyl Ether	0.00	87	0	N.D.	
36) 1,2-Dichloroethane	0.00	62	0	N.D.	
38) 1,1,1-Trichloroethane	10.16	97	1113	N.D.	
39) Isopropyl Acetate	0.00	61	0	N.D.	
40) 1-Butanol	10.41	56	11586	0.414 ng	94
41) Benzene	10.65	78	52335	0.695 ng	97
42) Carbon Tetrachloride	10.80	117	2044	0.066 ng	# 58
43) Cyclohexane	10.94	84	25703	0.792 ng	# 1
44) tert-Amyl Methyl Ether	0.00	73	0	N.D.	
45) 1,2-Dichloropropane	11.71	63	2697	0.121 ng	# 14
46) Bromodichloromethane	11.70	83	12305	0.456 ng	# 18

C-31/10/08

Data Path : J:\MS08\Data\2008_02\29\
 Data File : 02290811.D
 Acq On : 29 Feb 2008 18:02
 Operator : SC
 Sample : P0800448-005 (250ml)
 Vial : 10 Sample Multiplier: 1

Quant Time: Mar 10 13:14:48 2008
 Quant Method : J:\MS08\Methods\R8022108.M
 Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 QLast Update : Fri Feb 22 09:32:02 2008
 Response via : Initial Calibration

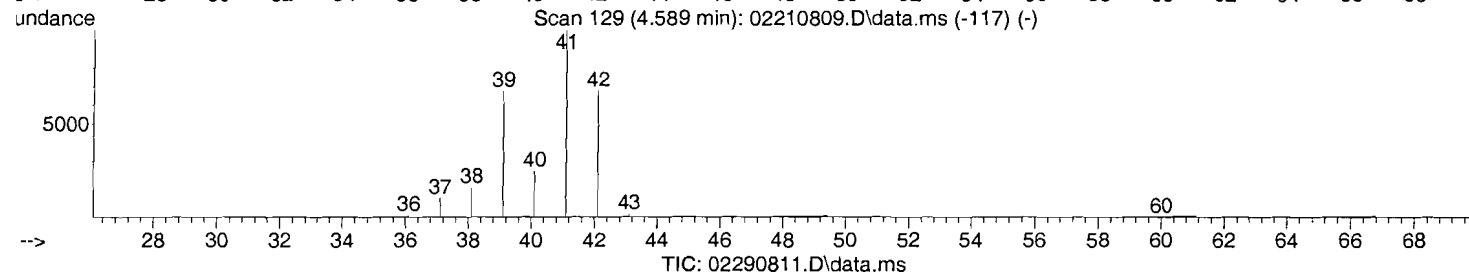
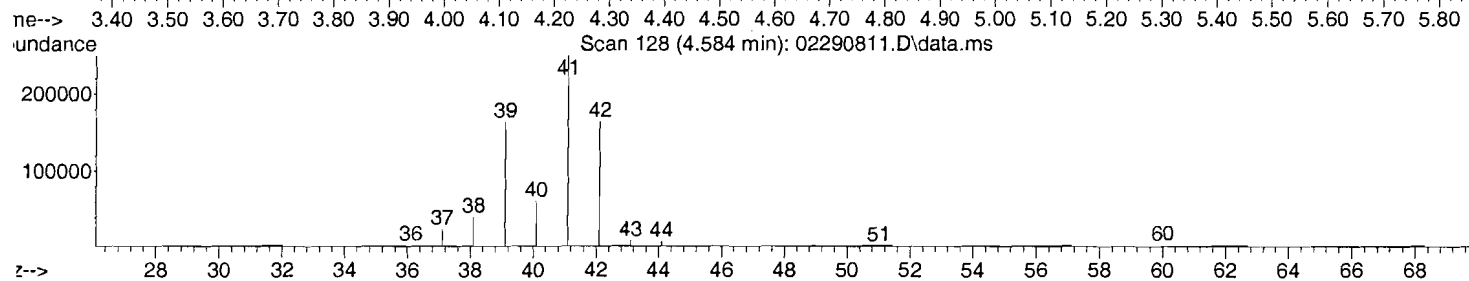
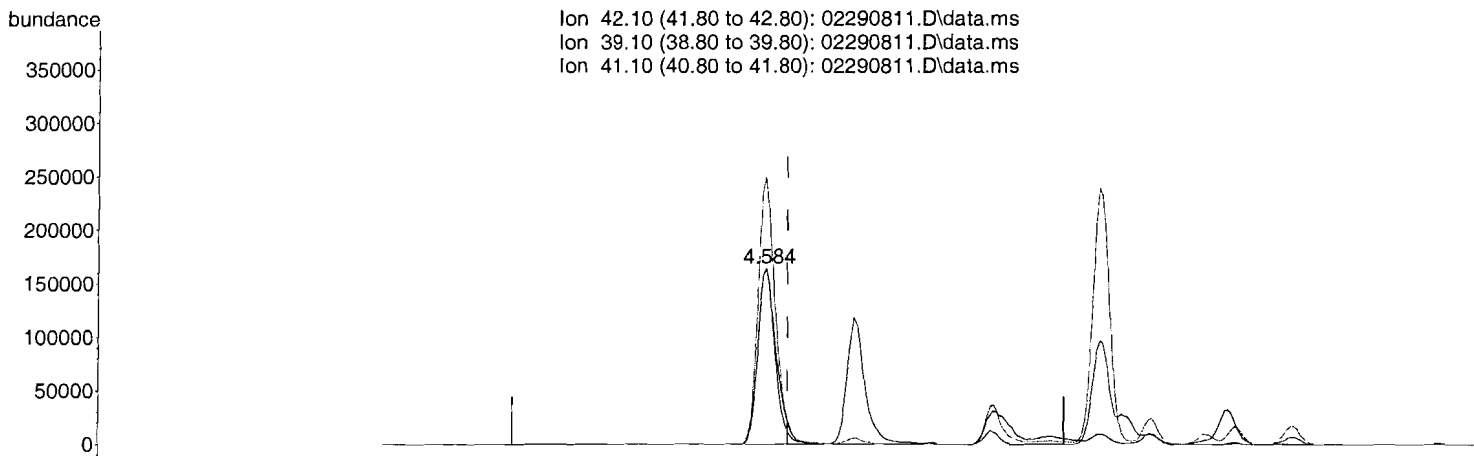
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) Trichloroethene	11.73	130	70294	4.097 ng		98
48) 1,4-Dioxane	0.00	88	0	N.D.		
49) Isooctane	11.77	57	2850	N.D.		
50) Methyl Methacrylate	12.01	100	3103	0.383 ng	#	1
51) n-Heptane	12.00	71	10864	0.551 ng	#	74
52) cis-1,3-Dichloropropene	0.00	75	0	N.D.		
53) 4-Methyl-2-pentanone	12.65	58	640	N.D.		
54) trans-1,3-Dichloropropene	0.00	75	0	N.D.		
55) 1,1,2-Trichloroethane	13.65	97	147083	8.429 ng	#	6
58) Toluene	13.75	91	151612	1.820 ng		99
59) 2-Hexanone	13.97	43	20577	0.305 ng		84
60) Dibromochloromethane	0.00	129	0	N.D.		
61) 1,2-Dibromoethane	0.00	107	0	N.D.		
62) Butyl Acetate	14.70	43	90441	1.330 ng	#	1
63) n-Octane	14.82	57	64510	2.639 ng		92
64) Tetrachloroethene	15.06	166	7109996	333.087 ng	#	99
65) Chlorobenzene	15.85	112	6836	0.128 ng	#	43
66) Ethylbenzene	16.25	91	57907	0.580 ng		95
67) m- & p-Xylene	16.43	91	205602	3.056 ng		95
68) Bromoform	0.00	173	0	N.D.		
69) Styrene	16.88	104	2658	N.D.		
70) o-Xylene	17.02	91	39521	0.548 ng		90
71) n-Nonane	17.22	43	45593	0.756 ng		90
72) 1,1,2,2-Tetrachloroethane	17.03	83	14127	0.498 ng		81
74) Cumene	17.71	105	934	N.D.		
75) alpha-Pinene	18.18	93	66702	1.343 ng	#	27
76) n-Propylbenzene	18.31	91	10290	0.089 ng	#	66
77) 3-Ethyltoluene	18.43	105	20660	0.210 ng		94
78) 4-Ethyltoluene	18.48	105	12622	0.138 ng		96
79) 1,3,5-Trimethylbenzene	18.56	105	7954	0.096 ng		87
80) alpha-Methylstyrene	0.00	118	0	N.D.		
81) 2-Ethyltoluene	18.80	105	6100	0.063 ng		80
82) 1,2,4-Trimethylbenzene	19.05	105	33338	0.406 ng		92
83) n-Decane	19.14	57	159830	2.519 ng		86
84) Benzyl Chloride	19.48	91	2075	N.D.		
85) 1,3-Dichlorobenzene	19.33	146	1811	N.D.		
86) 1,4-Dichlorobenzene	19.33	146	1811	N.D.		
87) sec-Butylbenzene	19.56	105	12794	0.125 ng	#	53
88) p-Isopropyltoluene	19.56	119	2996	N.D.		
89) 1,2,3-Trimethylbenzene	19.56	105	12794	0.159 ng		83
90) 1,2-Dichlorobenzene	0.00	146	0	N.D.		
91) d-Limonene	19.73	68	9873	0.308 ng		95
92) 1,2-Dibromo-3-Chloropr...	0.00	157	0	N.D.		
93) n-Undecane	20.99	57	30206	0.456 ng		99
94) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.		
95) Naphthalene	21.91	128	7459	0.076 ng	#	71
96) n-Dodecane	21.86	57	22151	0.351 ng		85
97) Hexachloro-1,3-butadiene	0.00	225	0	N.D.		

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

Quantitation Report (Qedit)

Data Path : J:\MS08\Data\2008_02\29\
 Data File : 02290811.D
 Acq On : 29 Feb 2008 18:02
 Operator : SC
 Sample : P0800448-005 (250ml)
 Misc : Walden SV-2 (0.6,3.5)
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 03 08:51:18 2008
 Quant Method : J:\MS08\Methods\R8022108.M
 Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 QLast Update : Fri Feb 22 09:32:02 2008
 Response via : Initial Calibration



(2) Propene (T)

4.584min (-0.038) 12.73ng

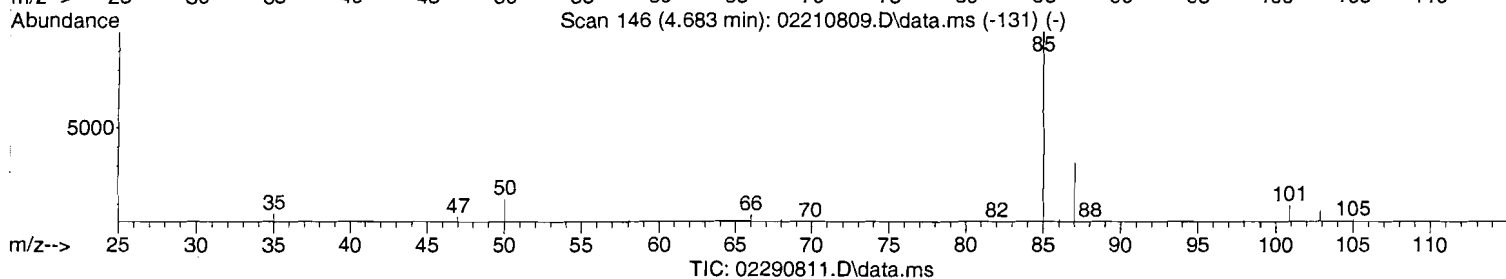
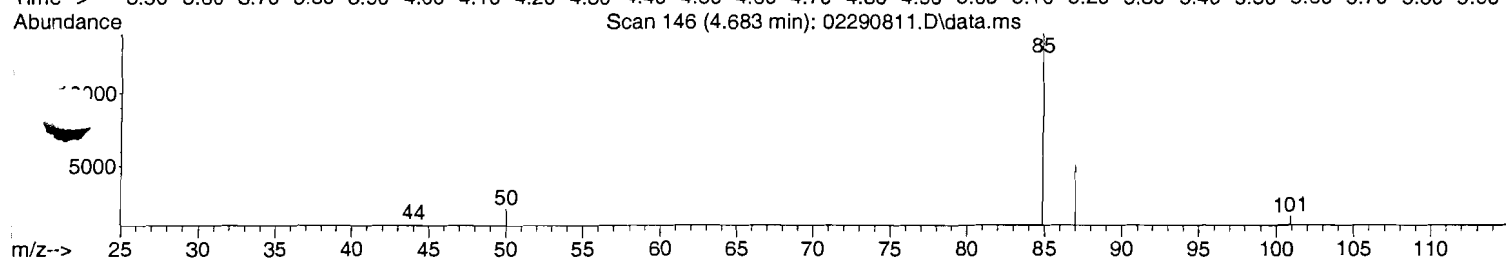
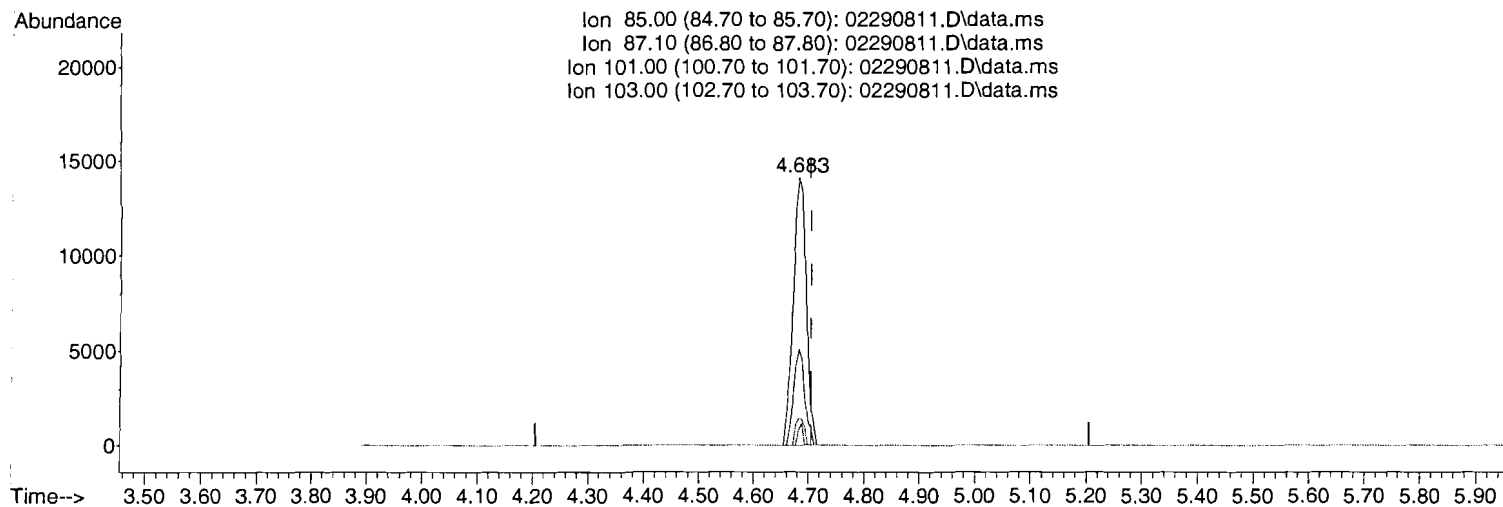
response 353663

Ion	Exp%	Act%
42.10	100	100
39.10	104.00	107.72
41.10	148.40	154.06
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : J:\MS08\Data\2008_02\29\
Data File : 02290811.D
Acq On : 29 Feb 2008 18:02
Operator : SC
Sample : P0800448-005 (250ml)
'sc : Walden SV-2 (0.6,3.5)
S Vial : 10 Sample Multiplier: 1

Quant Time: Mar 03 08:51:18 2008
Quant Method : J:\MS08\Methods\R8022108.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Fri Feb 22 09:32:02 2008
Response via : Initial Calibration



(3) Dichlorodifluoromethane (T)

4.683min (-0.022) 0.54ng

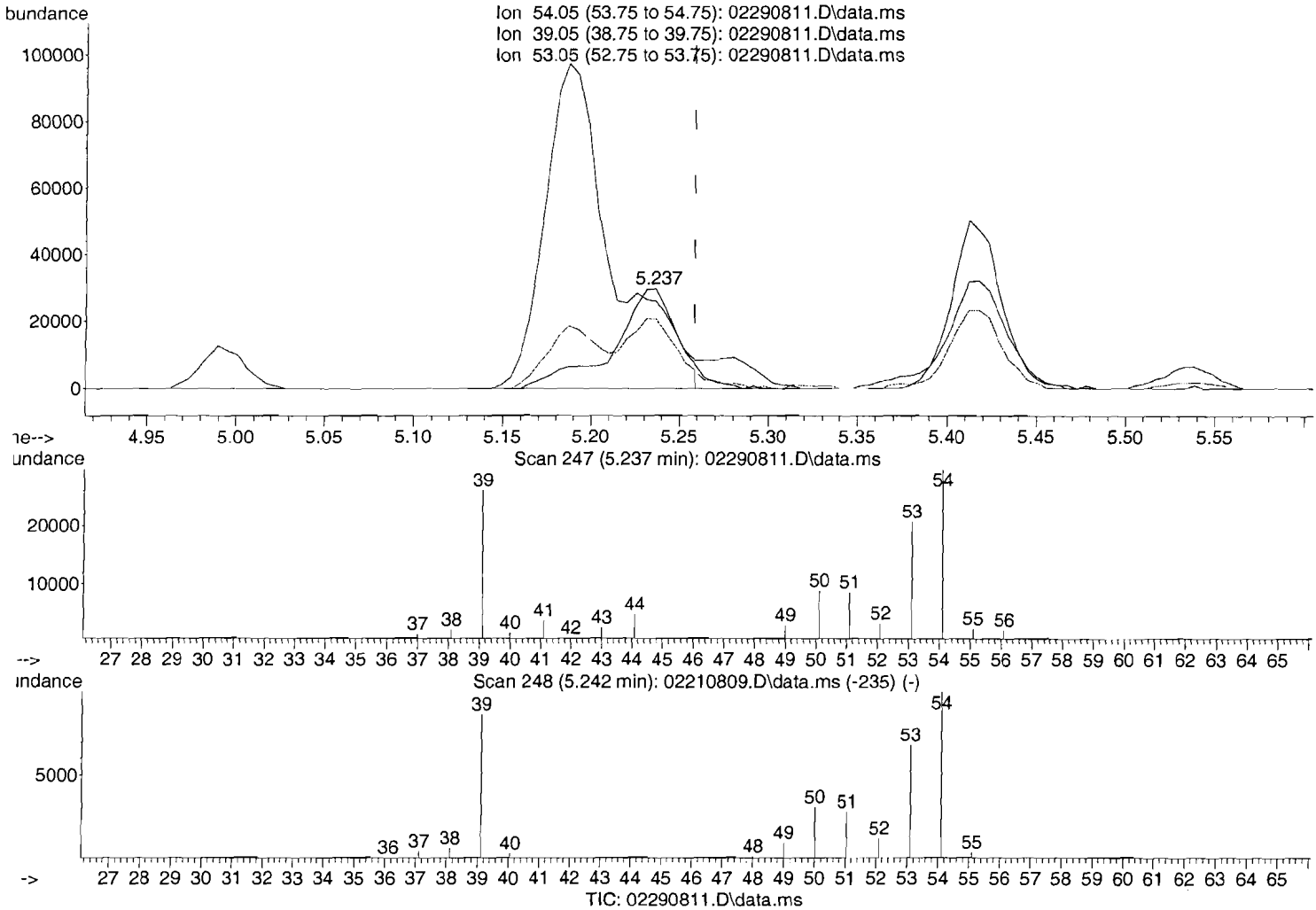
response 23236

Ion	Exp%	Act%
85.00	100	100
87.10	32.60	30.78
101.00	8.50	6.99
103.00	5.60	2.92

Quantitation Report (Qedit)

Data Path : J:\MS08\Data\2008_02\29\
Data File : 02290811.D
Acq On : 29 Feb 2008 18:02
Operator : SC
Sample : P0800448-005 (250ml)
Misc : Walden SV-2 (0.6,3.5)
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 07 14:52:57 2008
Quant Method : J:\MS08\Methods\R8022108.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Fri Feb 22 09:32:02 2008
Response via : Initial Calibration



(7) 1,3-Butadiene (T)

5.237min (-0.022) 2.26ng

response 75215

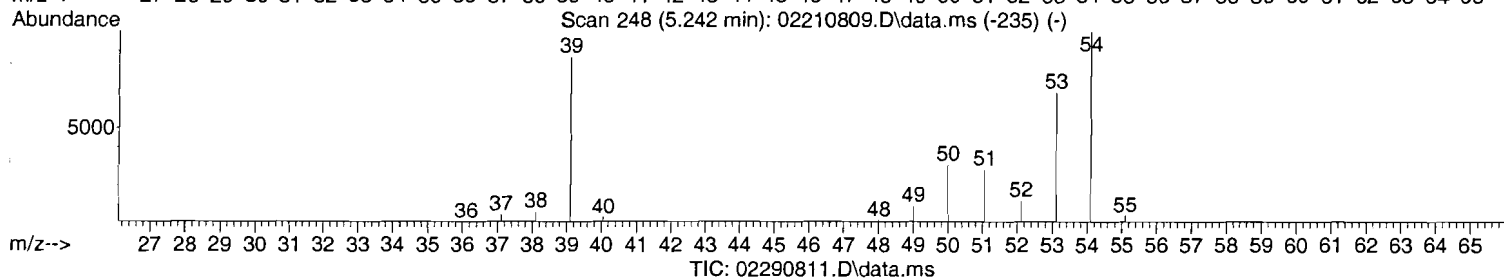
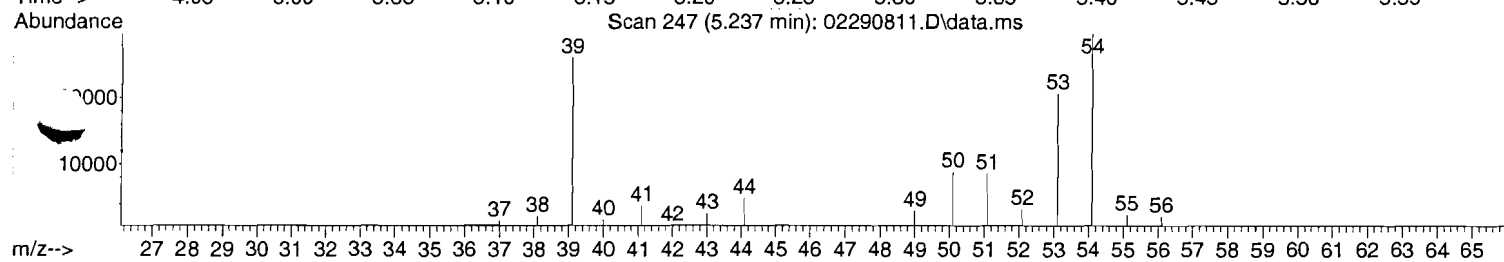
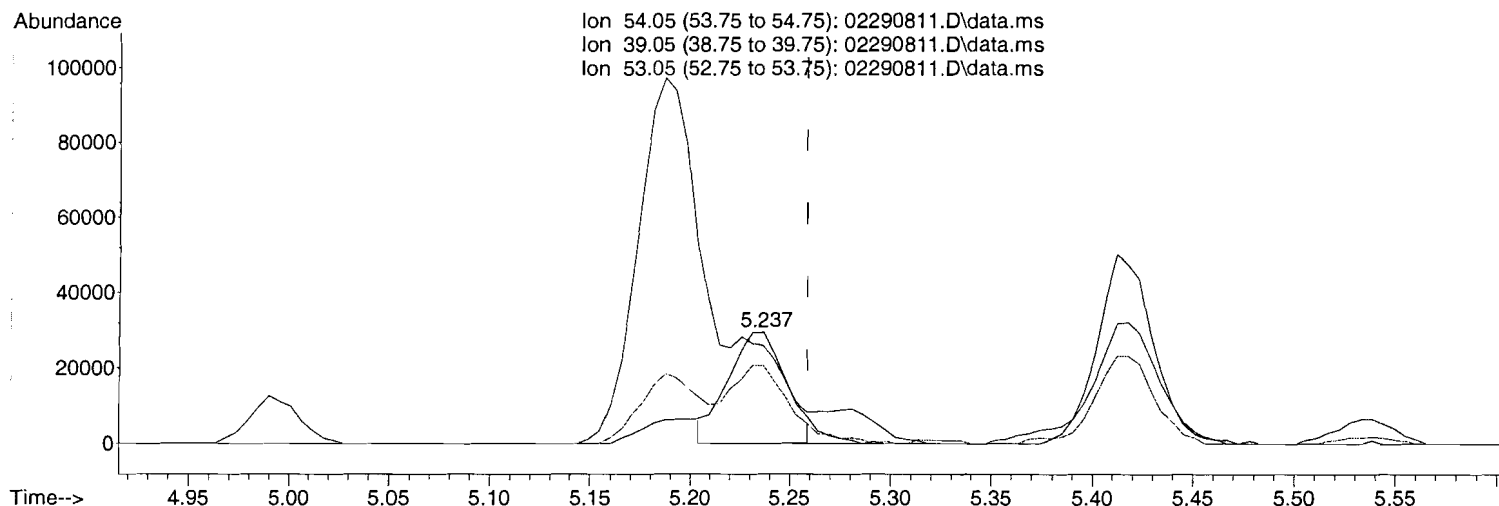
Ion	Exp%	Act%
54.05	100	100
39.05	109.50	0.00#
53.05	68.30	54.59
0.00	0.00	0.00

Shoulder

Quantitation Report (Qedit)

Data Path : J:\MS08\Data\2008_02\29\
 Data File : 02290811.D
 Acq On : 29 Feb 2008 18:02
 Operator : SC
 Sample : P0800448-005 (250ml)
 Vial : Walden SV-2 (0.6,3.5)
 S Vial : 10 Sample Multiplier: 1

Quant Time: Mar 07 14:52:57 2008
 Quant Method : J:\MS08\Methods\R8022108.M
 Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 QLast Update : Fri Feb 22 09:32:02 2008
 Response via : Initial Calibration



(7) 1,3-Butadiene (T)

5.237min (-0.022) 1.87ng m

response 62248

Ion	Exp%	Act%
54.05	100	100
39.05	109.50	0.00#
53.05	68.30	65.96
0.00	0.00	0.00

W/o shoulder peak

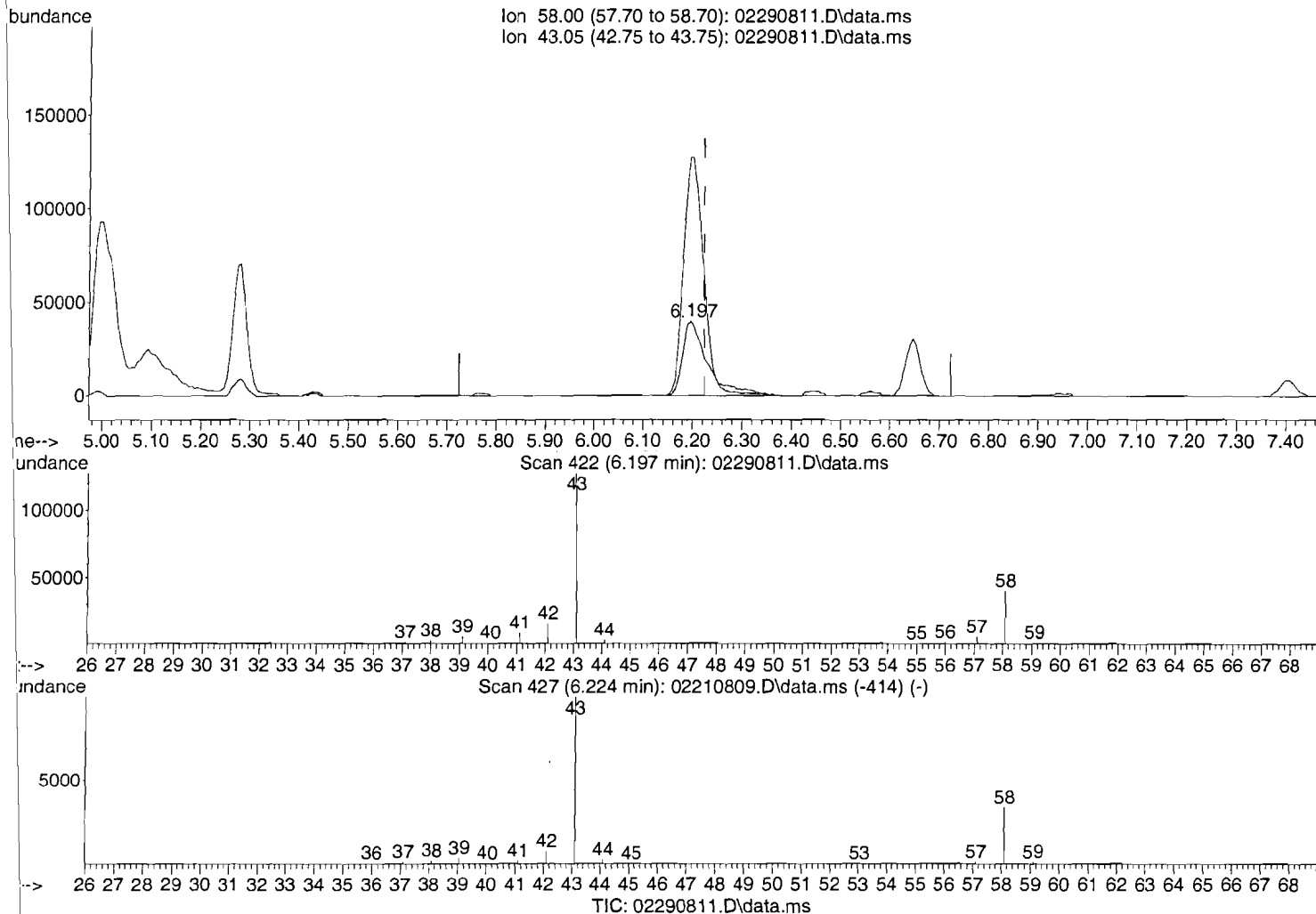
3/10/08

10/3/10/08

Quantitation Report (Qedit)

Data Path : J:\MS08\Data\2008_02\29\
 Data File : 02290811.D
 Acq On : 29 Feb 2008 18:02
 Operator : SC
 Sample : P0800448-005 (250ml)
 Misc : Walden SV-2 (0.6,3.5)
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 03 08:51:18 2008
 Quant Method : J:\MS08\Methods\R8022108.M
 Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 QLast Update : Fri Feb 22 09:32:02 2008
 Response via : Initial Calibration



(13) Acetone (T)

6.197min (-0.027) 6.23ng

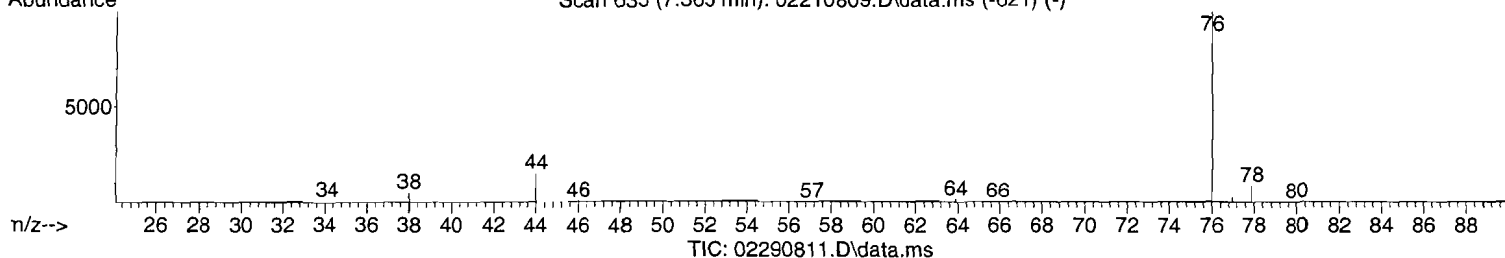
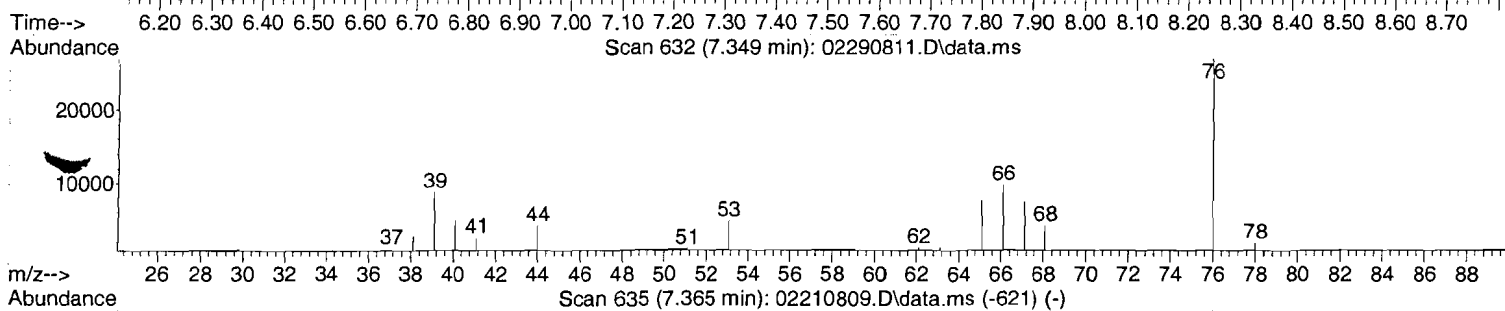
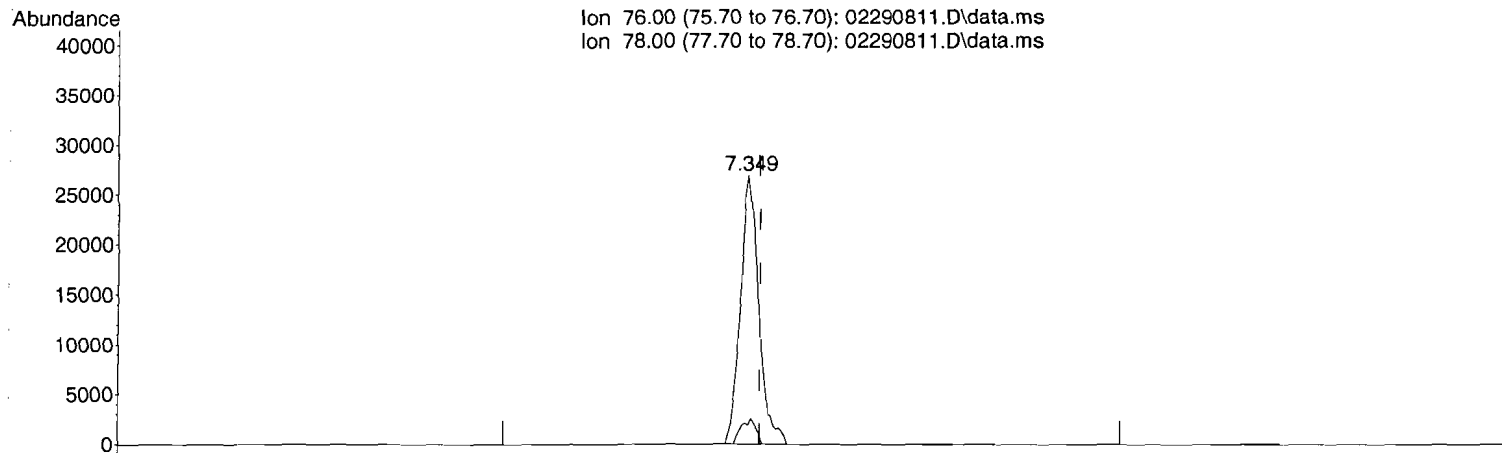
response 139040

Ion	Exp%	Act%
58.00	100	100
43.05	293.20	257.19#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : J:\MS08\Data\2008_02\29\
 Data File : 02290811.D
 Acq On : 29 Feb 2008 18:02
 Operator : SC
 Sample : P0800448-005 (250ml)
 Vial : 10 Sample Multiplier: 1

Quant Time: Mar 03 08:51:18 2008
 Quant Method : J:\MS08\Methods\R8022108.M
 Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 QLast Update : Fri Feb 22 09:32:02 2008
 Response via : Initial Calibration



(22) Carbon Disulfide (T)

7.349min (-0.022) 0.78ng

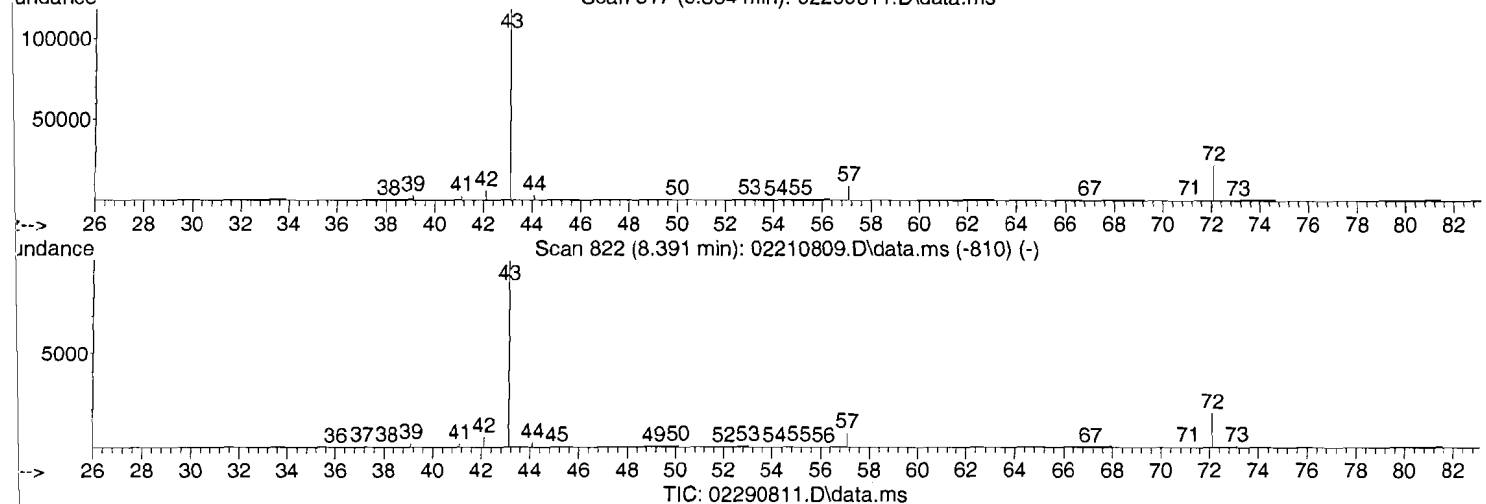
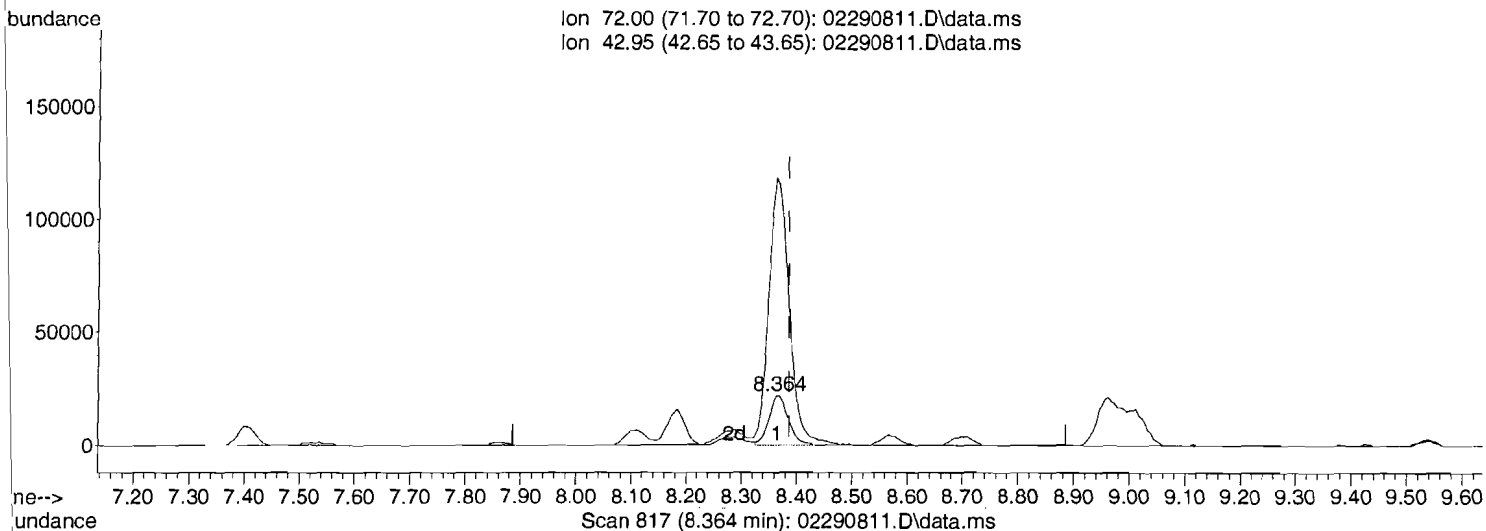
response 66271

Ion	Exp%	Act%
76.00	100	100
78.00	9.10	7.51
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : J:\MS08\Data\2008_02\29\
 Data File : 02290811.D
 Acq On : 29 Feb 2008 18:02
 Operator : SC
 Sample : P0800448-005 (250ml)
 Misc : Walden SV-2 (0.6,3.5)
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 03 08:51:18 2008
 Quant Method : J:\MS08\Methods\R8022108.M
 Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 QLast Update : Fri Feb 22 09:32:02 2008
 Response via : Initial Calibration



(27) 2-Butanone (T)

8.364min (-0.022) 4.37ng

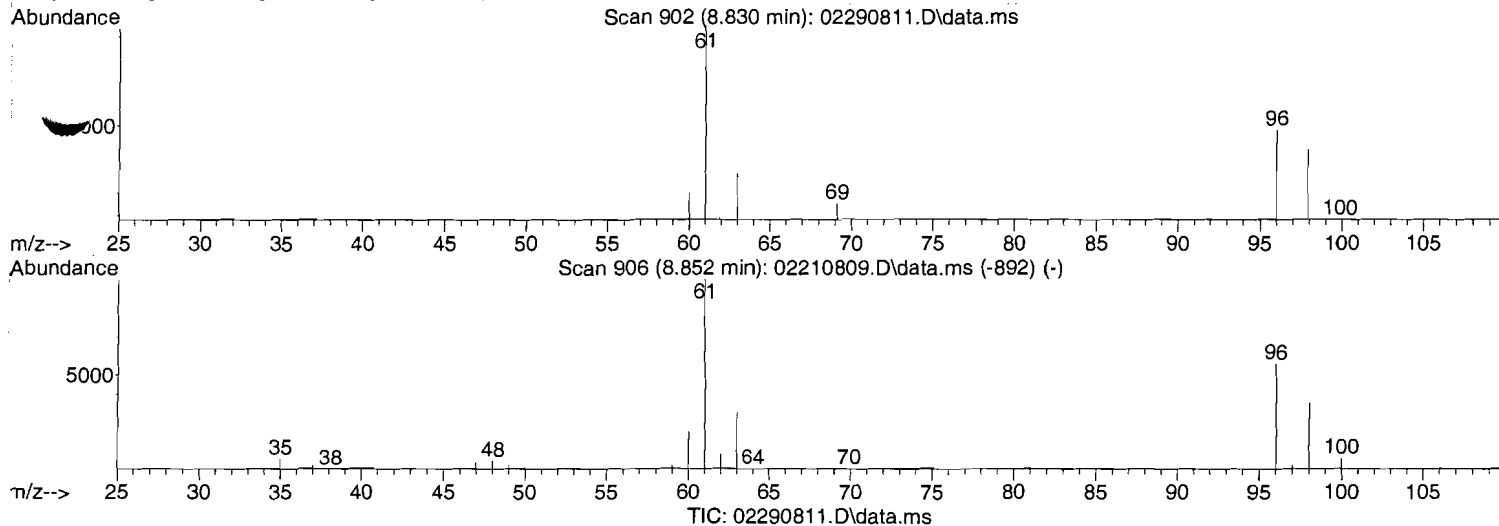
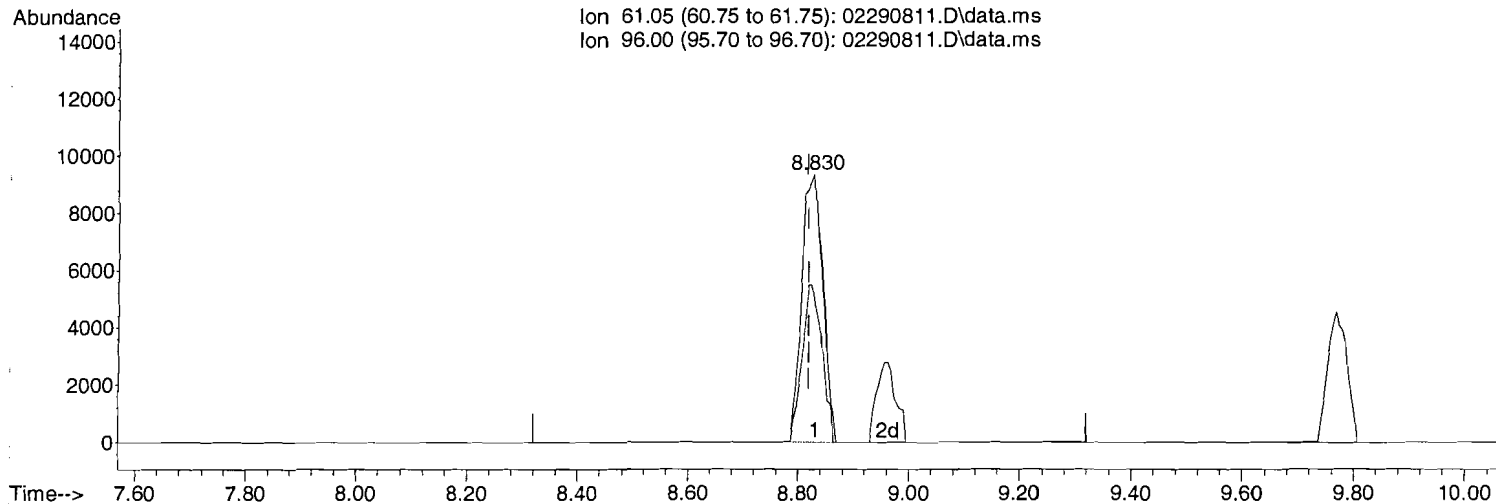
response 53771

Ion	Exp%	Act%
72.00	100	100
42.95	401.50	564.51#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : J:\MS08\Data\2008_02\29\
 Data File : 02290811.D
 Acq On : 29 Feb 2008 18:02
 Operator : SC
 Sample : P0800448-005 (250ml)
 'sc : Walden SV-2 (0.6,3.5)
 S Vial : 10 Sample Multiplier: 1

Quant Time: Mar 03 08:51:18 2008
 Quant Method : J:\MS08\Methods\R8022108.M
 Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 QLast Update : Fri Feb 22 09:32:02 2008
 Response via : Initial Calibration



(28) cis-1,2-Dichloroethene (T)

8.830min (+0.011) 0.75ng

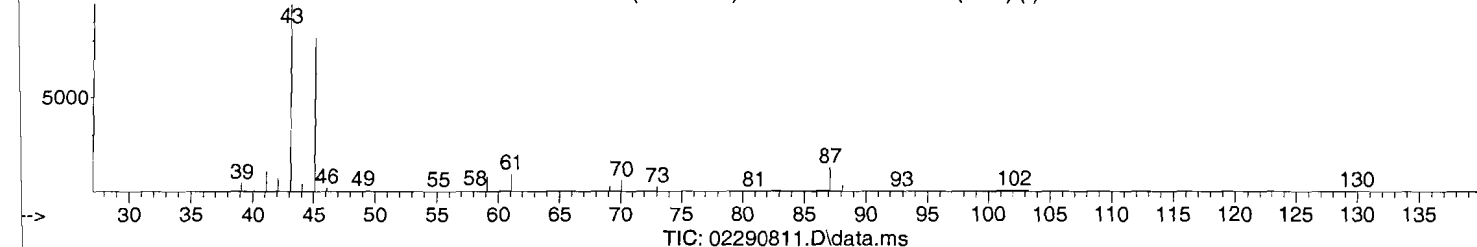
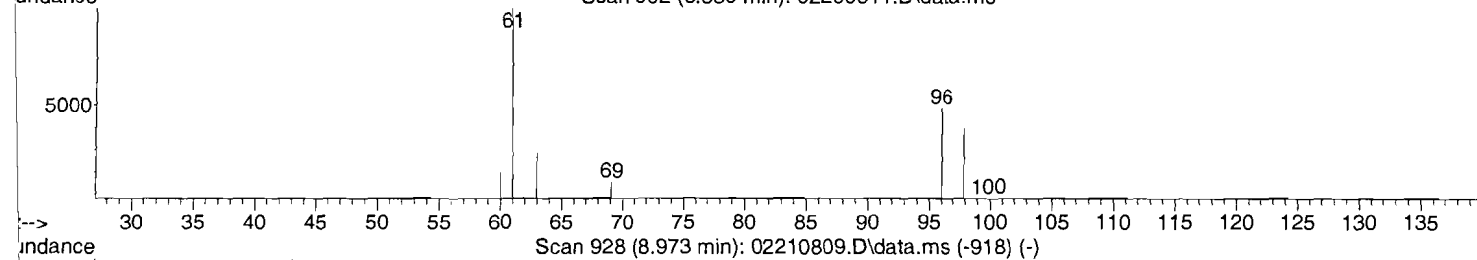
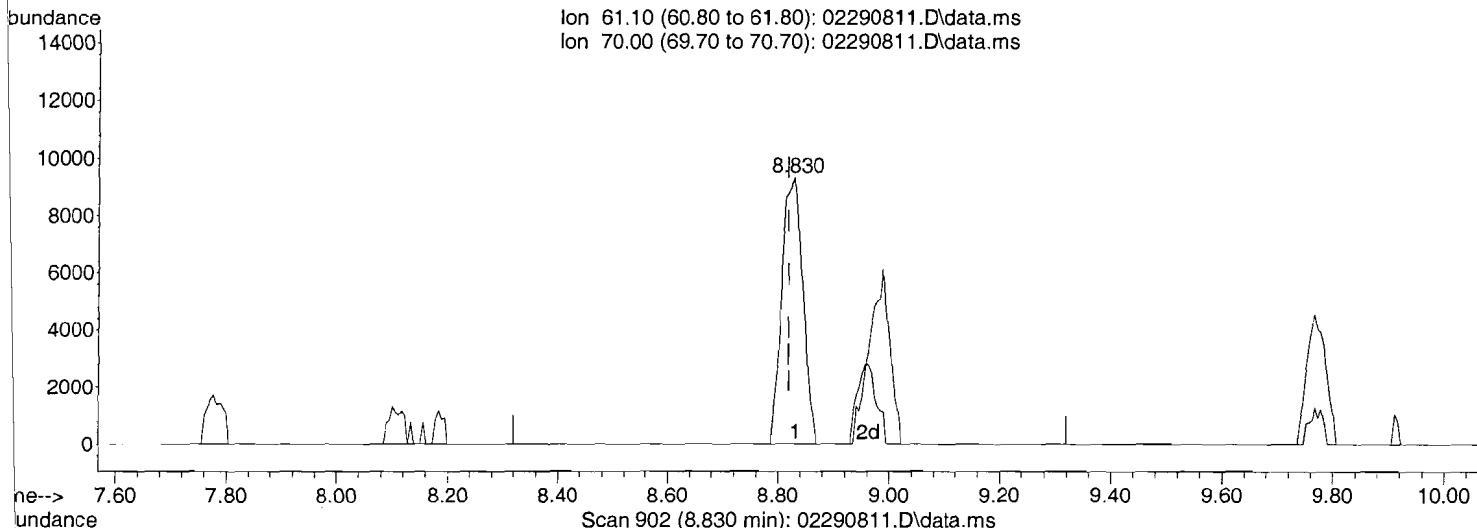
response 24221

Ion	Exp%	Act%
61.05	100	100
96.00	76.20	55.41#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : J:\MS08\Data\2008_02\29\
 Data File : 02290811.D
 Acq On : 29 Feb 2008 18:02
 Operator : SC
 Sample : P0800448-005 (250ml)
 Misc : Walden SV-2 (0.6,3.5)
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 03 08:51:18 2008
 Quant Method : J:\MS08\Methods\R8022108.M
 Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 QLast Update : Fri Feb 22 09:32:02 2008
 Response via : Initial Calibration



(30) Ethyl Acetate (T)

8.830min (+0.011) 3.04ng

response 24221

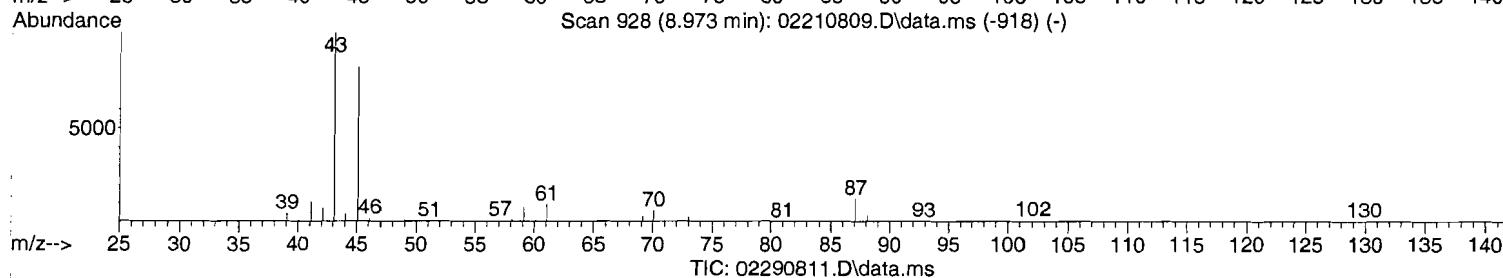
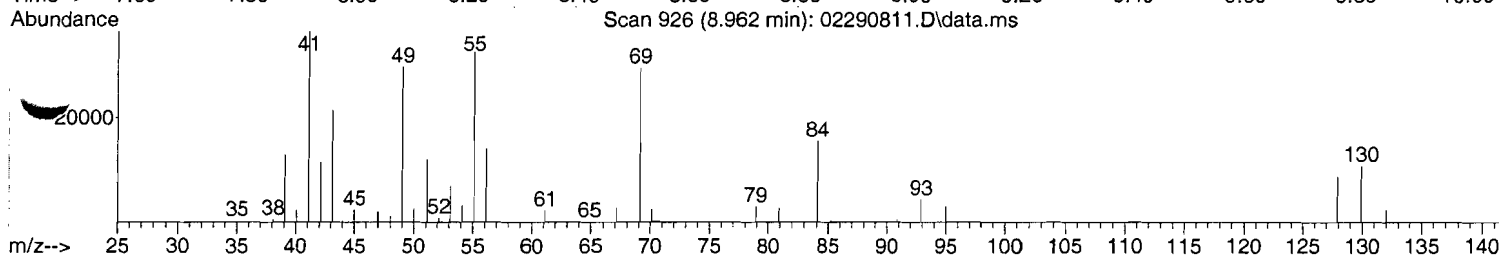
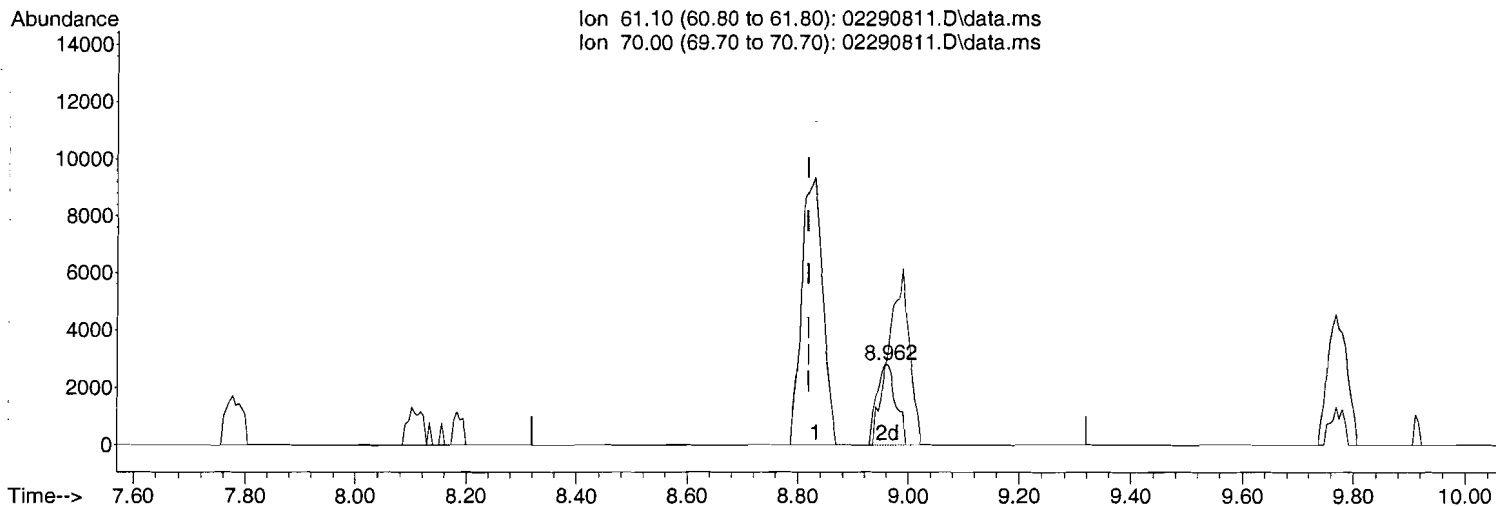
Ion	Exp%	Act%
61.10	100	100
70.00	77.80	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Strong Peak

Quantitation Report (Qedit)

Data Path : J:\MS08\Data\2008_02\29\
 Data File : 02290811.D
 Acq On : 29 Feb 2008 18:02
 Operator : SC
 Sample : P0800448-005 (250ml)
 sc : Walden SV-2 (0.6,3.5)
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 03 08:51:18 2008
 Quant Method : J:\MS08\Methods\R8022108.M
 Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 QLast Update : Fri Feb 22 09:32:02 2008
 Response via : Initial Calibration



(30) Ethyl Acetate (T)

8.962min (+0.143) 0.85ng m

response 6750

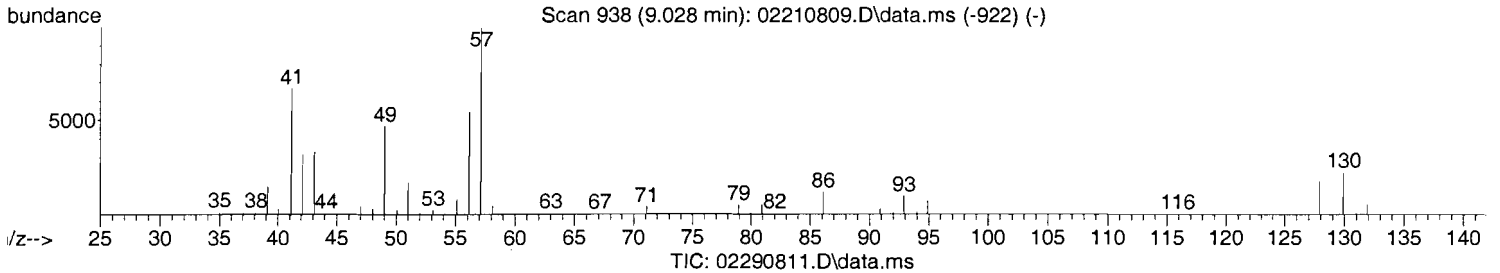
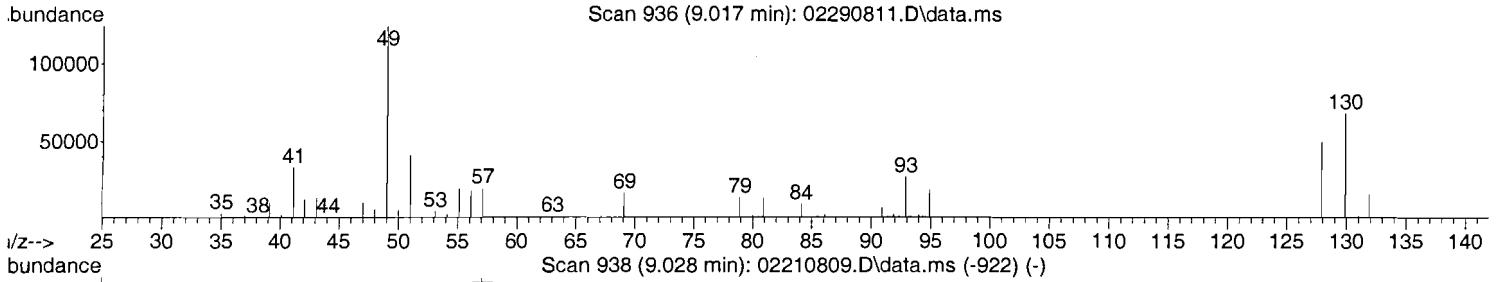
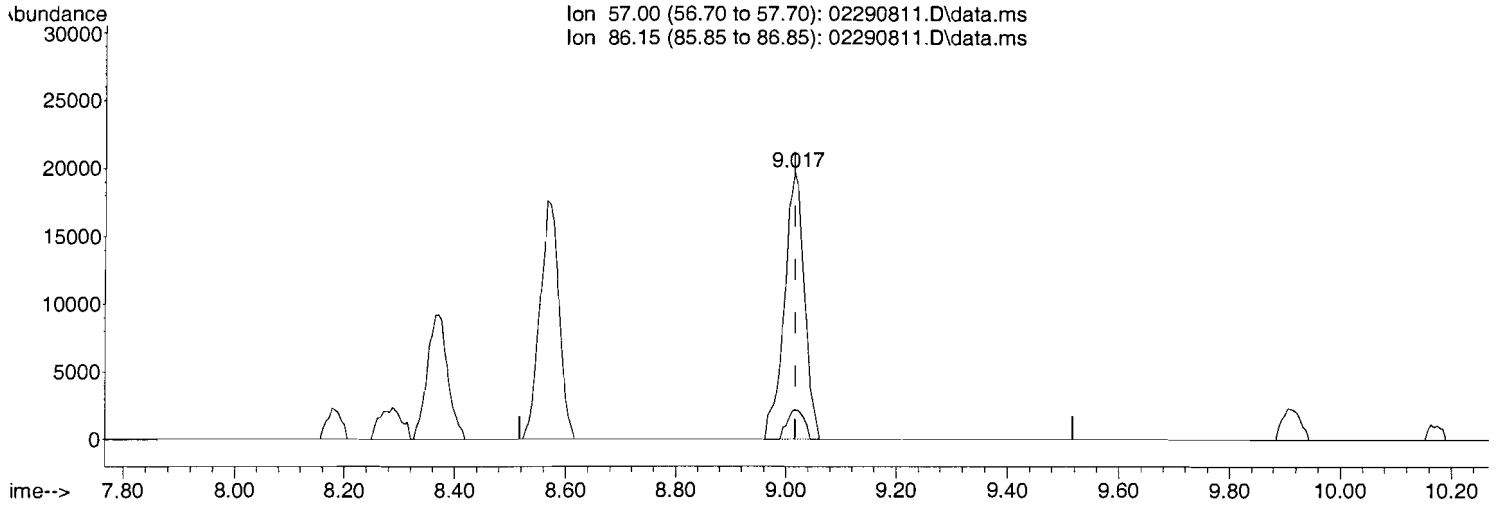
Ion	Exp%	Act%
61.10	100	100
70.00	77.80	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Correct peak
3/7/08
LM 3/10/08

Quantitation Report (Qedit)

Data Path : J:\MS08\Data\2008_02\29\
 Data File : 02290811.D
 Acq On : 29 Feb 2008 18:02
 Operator : SC
 Sample : P0800448-005 (250ml)
 Misc : Walden SV-2 (0.6,3.5)
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 03 08:51:18 2008
 Quant Method : J:\MS08\Methods\R8022108.M
 Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 QLast Update : Fri Feb 22 09:32:02 2008
 Response via : Initial Calibration



TIC: 02290811.D\data.ms

(31) n-Hexane (T)

9.017min (-0.000) 1.05ng

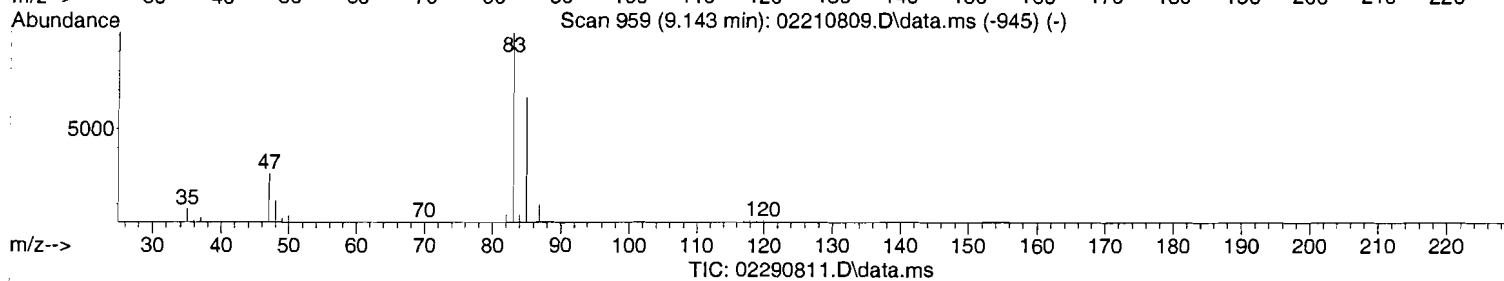
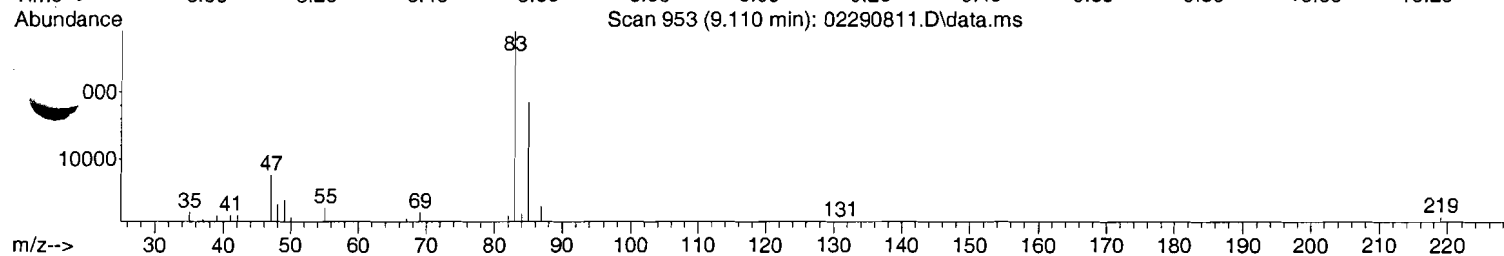
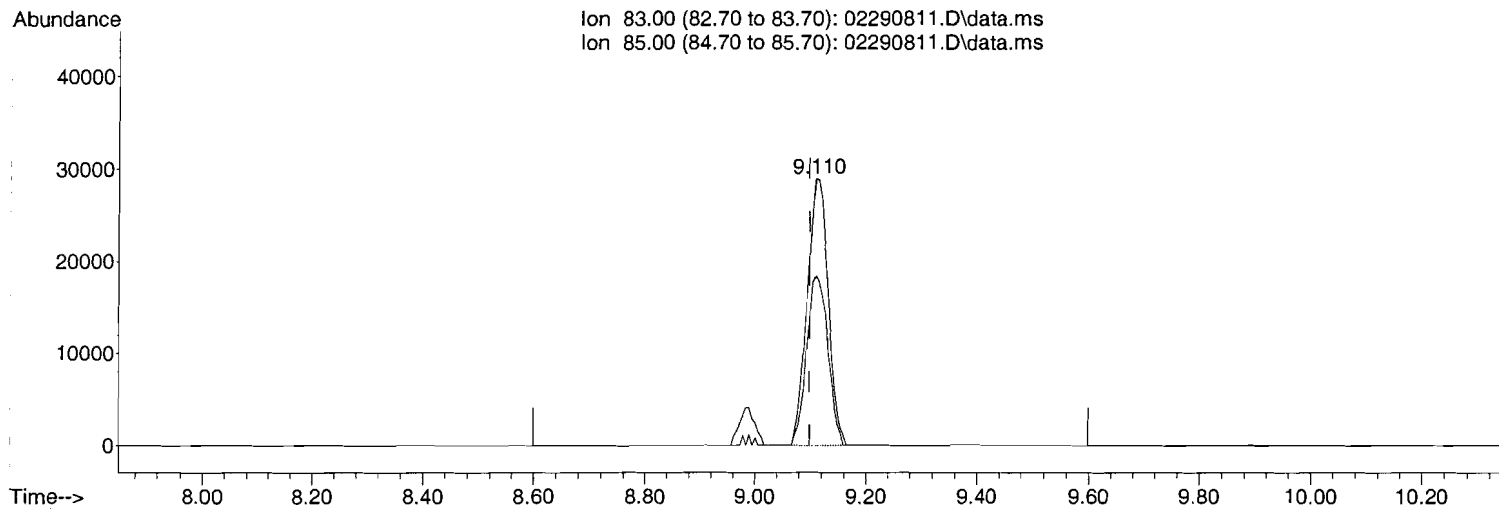
response 49681

Ion	Exp%	Act%
57.00	100	100
86.15	15.10	9.40
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : J:\MS08\Data\2008_02\29\
 Data File : 02290811.D
 Acq On : 29 Feb 2008 18:02
 Operator : SC
 Sample : P0800448-005 (250ml)
 sc : Walden SV-2 (0.6,3.5)
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 03 08:51:18 2008
 Quant Method : J:\MS08\Methods\R8022108.M
 Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 QLast Update : Fri Feb 22 09:32:02 2008
 Response via : Initial Calibration



(32) Chloroform (T)

9.110min (+0.011) 2.76ng

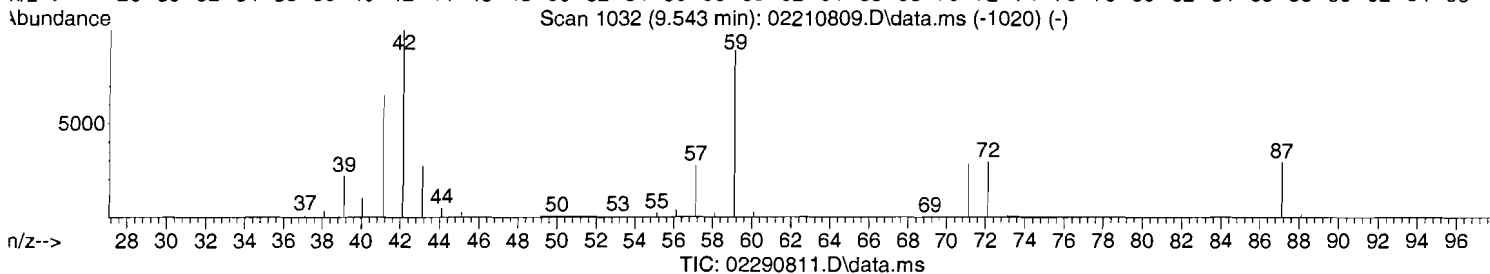
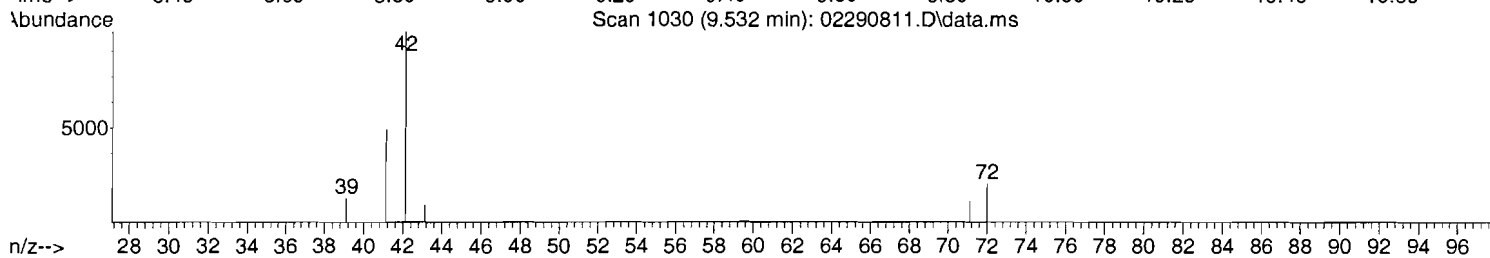
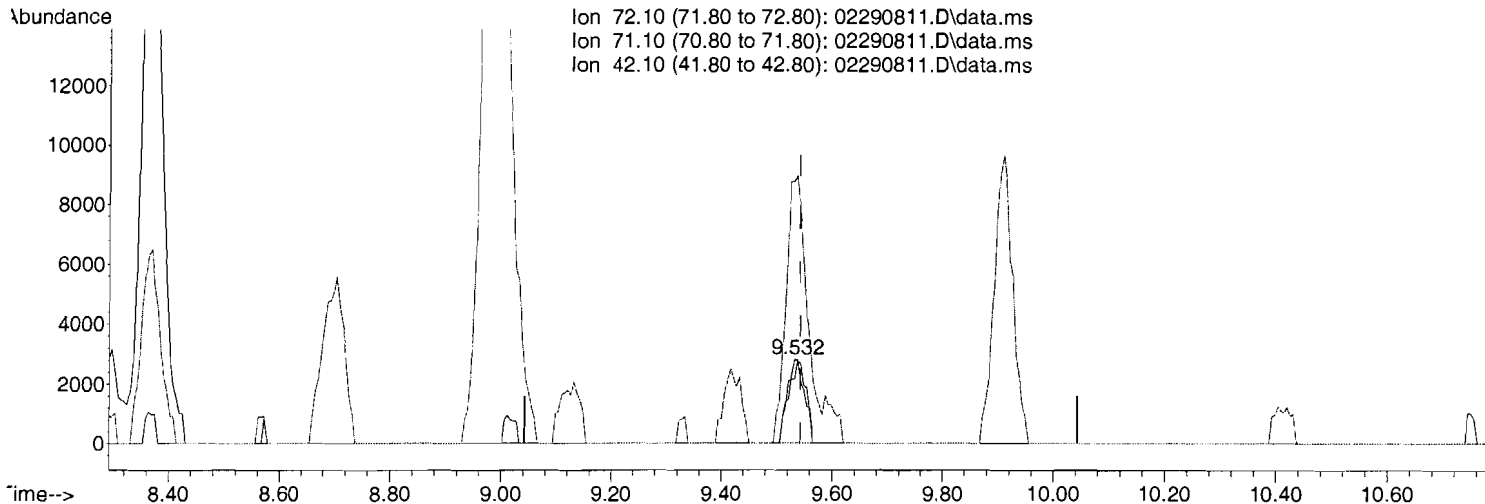
response 74466

Ion	Exp%	Act%
83.00	100	100
85.00	65.10	64.42
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : J:\MS08\Data\2008_02\29\
 Data File : 02290811.D
 Acq On : 29 Feb 2008 18:02
 Operator : SC
 Sample : P0800448-005 (250ml)
 Misc : Walden SV-2 (0.6,3.5)
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 03 08:51:18 2008
 Quant Method : J:\MS08\Methods\R8022108.M
 Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 QLast Update : Fri Feb 22 09:32:02 2008
 Response via : Initial Calibration



(34) Tetrahydrofuran (T)

9.532min (-0.011) 0.52ng

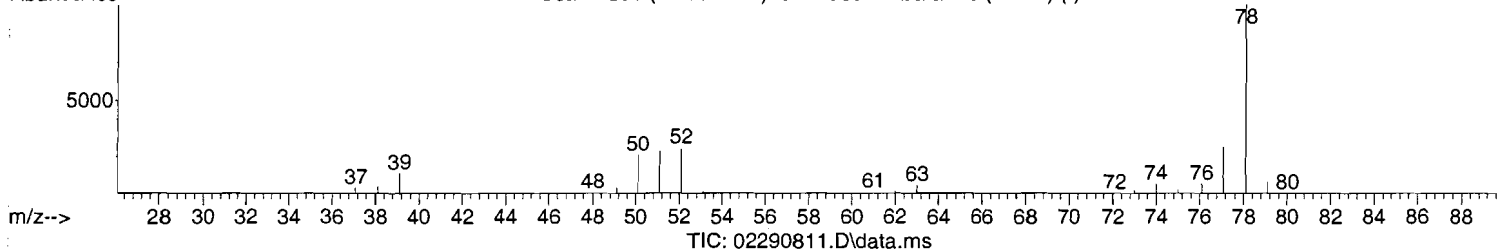
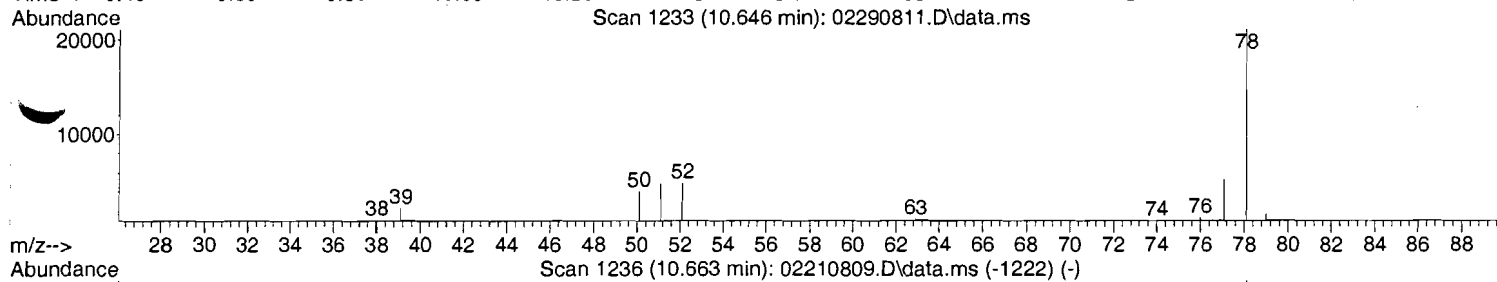
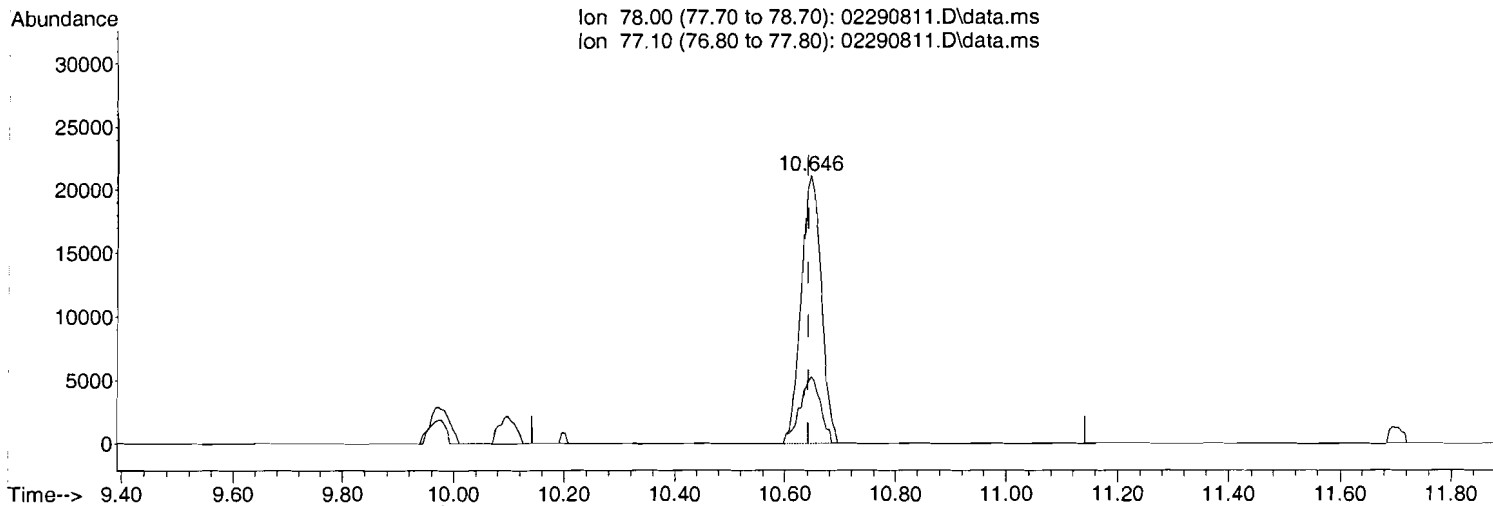
response 6245

Ion	Exp%	Act%
72.10	100	100
71.10	95.40	92.44
42.10	240.50	373.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : J:\MS08\Data\2008_02\29\
 Data File : 02290811.D
 Acq On : 29 Feb 2008 18:02
 Operator : SC
 Sample : P0800448-005 (250ml)
 Lsc : Walden SV-2 (0.6,3.5)
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 03 08:51:18 2008
 Quant Method : J:\MS08\Methods\R8022108.M
 Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 QLast Update : Fri Feb 22 09:32:02 2008
 Response via : Initial Calibration



(41) Benzene (T)

10.646min (+0.005) 0.70ng

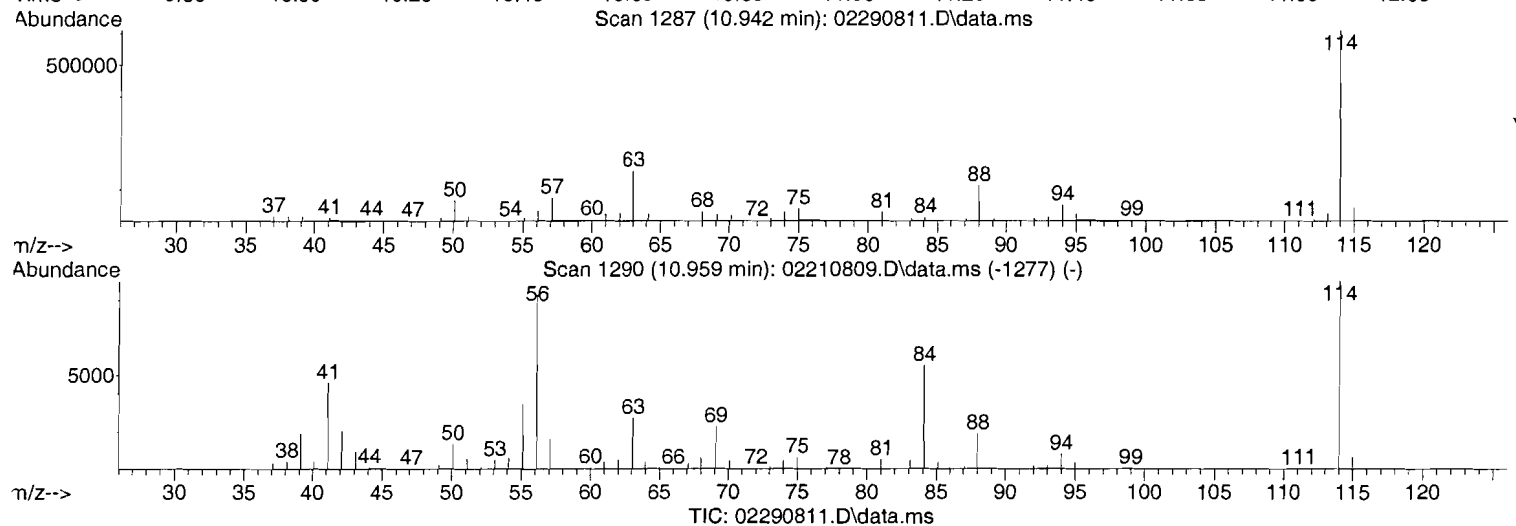
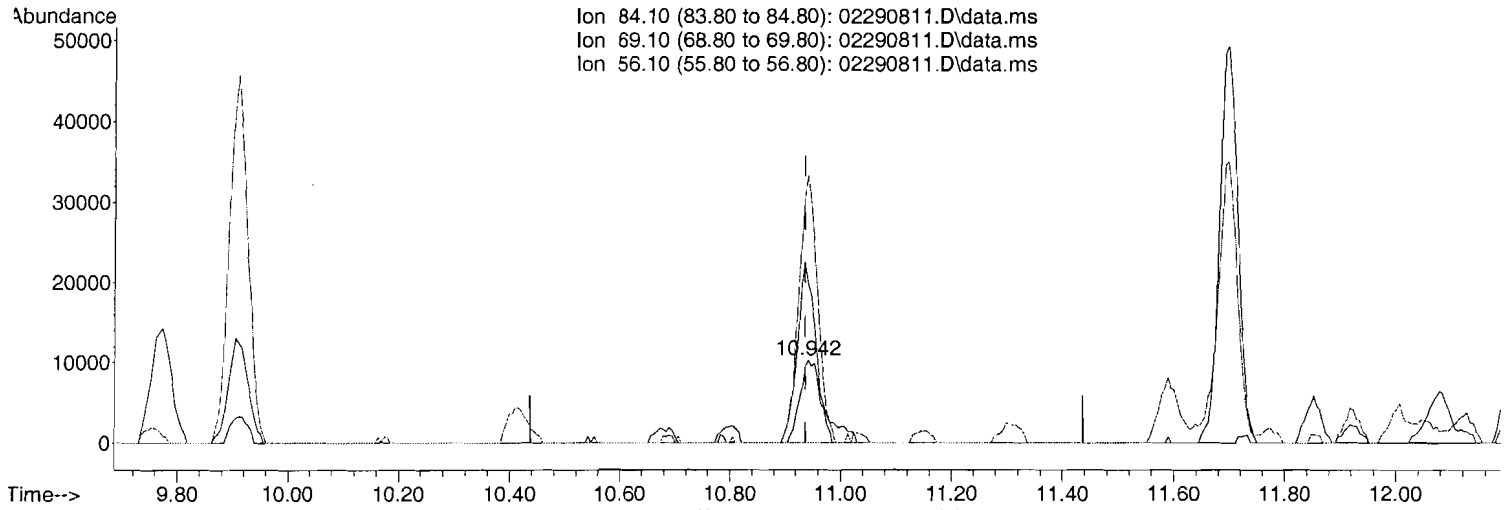
response 52335

Ion	Exp%	Act%
78.00	100	100
77.10	23.90	25.55
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : J:\MS08\Data\2008_02\29\
 Data File : 02290811.D
 Acq On : 29 Feb 2008 18:02
 Operator : SC
 Sample : P0800448-005 (250ml)
 Misc : Walden SV-2 (0.6,3.5)
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 03 08:51:18 2008
 Quant Method : J:\MS08\Methods\R8022108.M
 Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 QLast Update : Fri Feb 22 09:32:02 2008
 Response via : Initial Calibration



(43) Cyclohexane (T)

10.942min (+0.005) 0.79ng

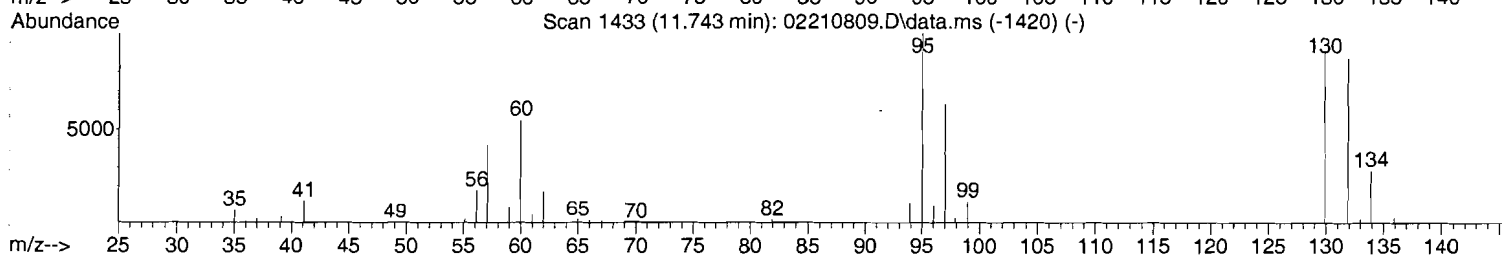
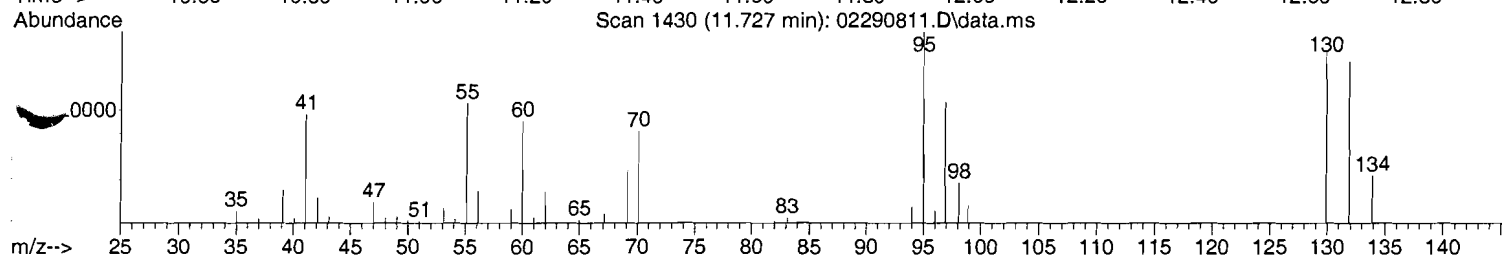
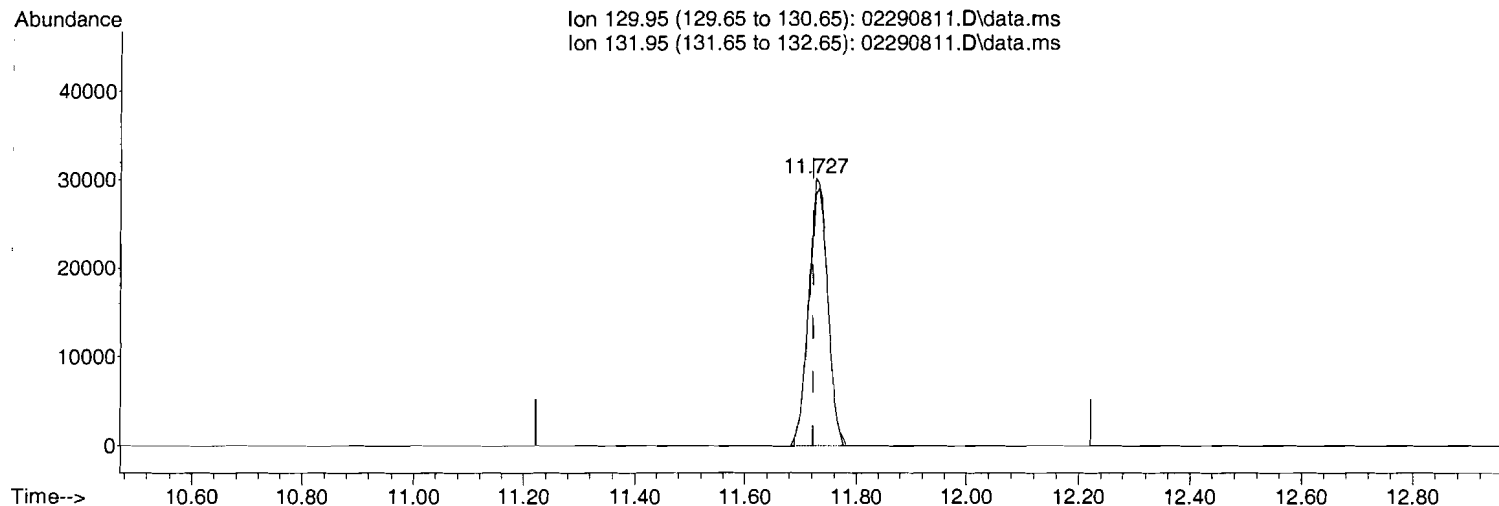
response 25703

Ion	Exp%	Act%
84.10	100	100
69.10	42.80	224.23#
56.10	125.80	307.79#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : J:\MS08\Data\2008_02\29\
 Data File : 02290811.D
 Acq On : 29 Feb 2008 18:02
 Operator : SC
 Sample : P0800448-005 (250ml)
 isc : Walden SV-2 (0.6,3.5)
 Vial : 10 Sample Multiplier: 1

Quant Time: Mar 03 08:51:18 2008
 Quant Method : J:\MS08\Methods\R8022108.M
 Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 QLast Update : Fri Feb 22 09:32:02 2008
 Response via : Initial Calibration



TIC: 02290811.D\data.ms

(47) Trichloroethene (T)

11.727min (+0.005) 4.10ng

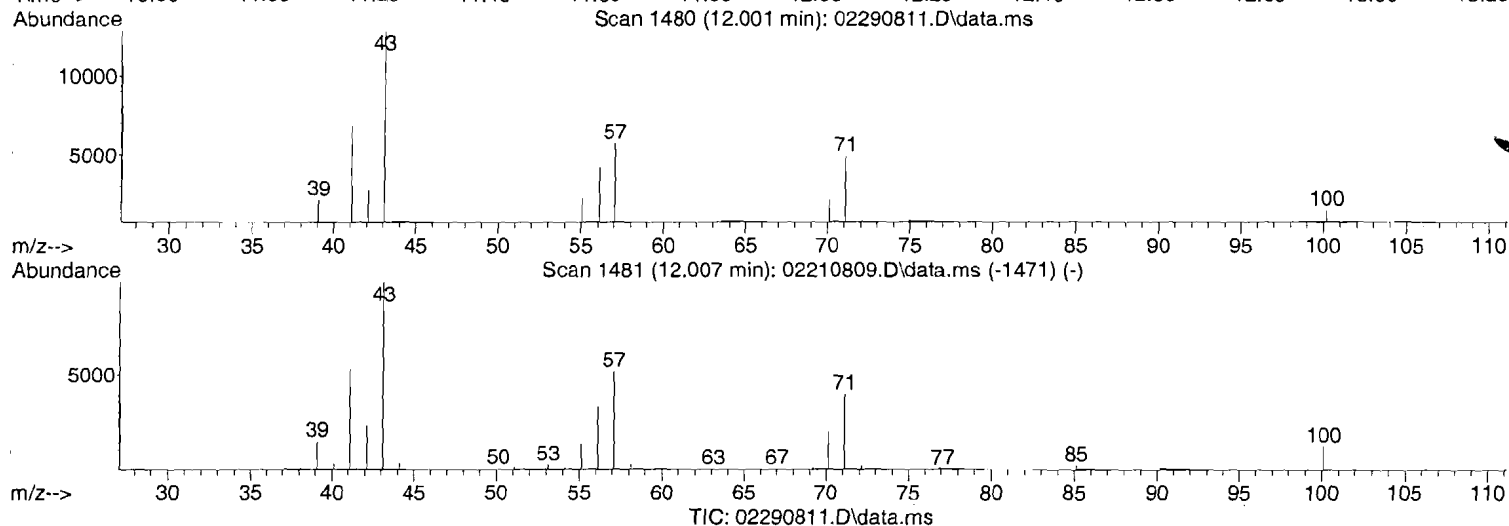
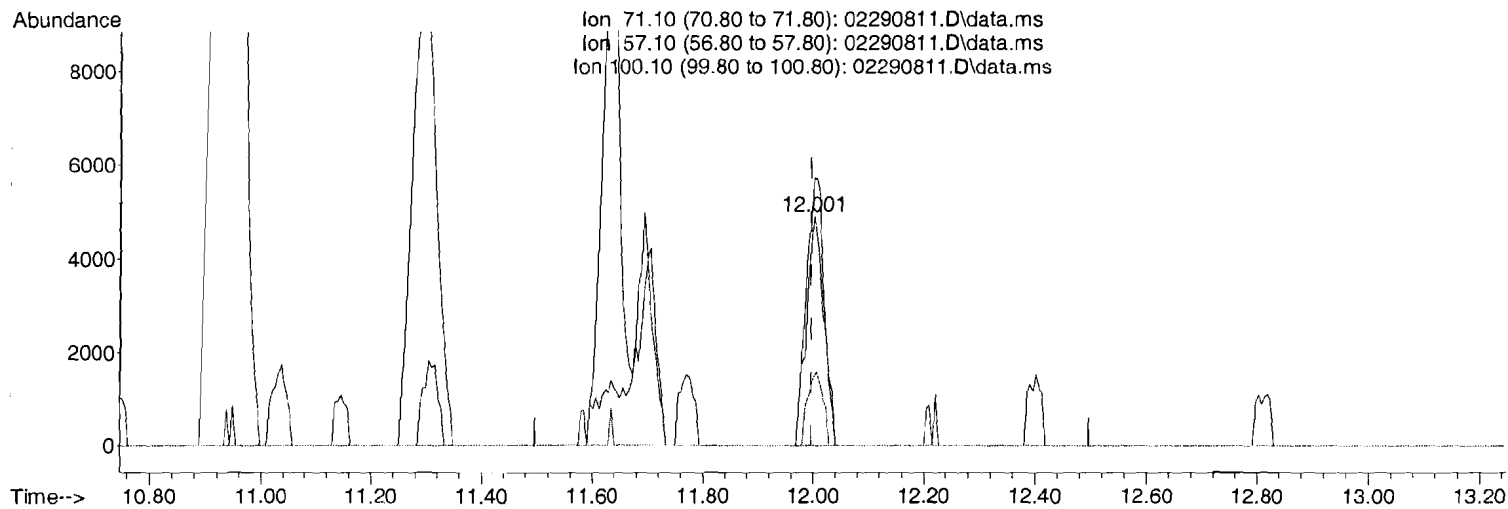
response 70294

Ion	Exp%	Act%
129.95	100	100
131.95	94.70	96.17
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : J:\MS08\Data\2008_02\29\
 Data File : 02290811.D
 Acq On : 29 Feb 2008 18:02
 Operator : SC
 Sample : P0800448-005 (250ml)
 Misc : Walden SV-2 (0.6,3.5)
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 03 08:51:18 2008
 Quant Method : J:\MS08\Methods\R8022108.M
 Quant Title : EPA TO-15 per SOP VOA-T015 (CASS TO-15/GC-MS)
 QLast Update : Fri Feb 22 09:32:02 2008
 Response via : Initial Calibration



(51) n-Heptane (T)

12.001min (+0.005) 0.55ng

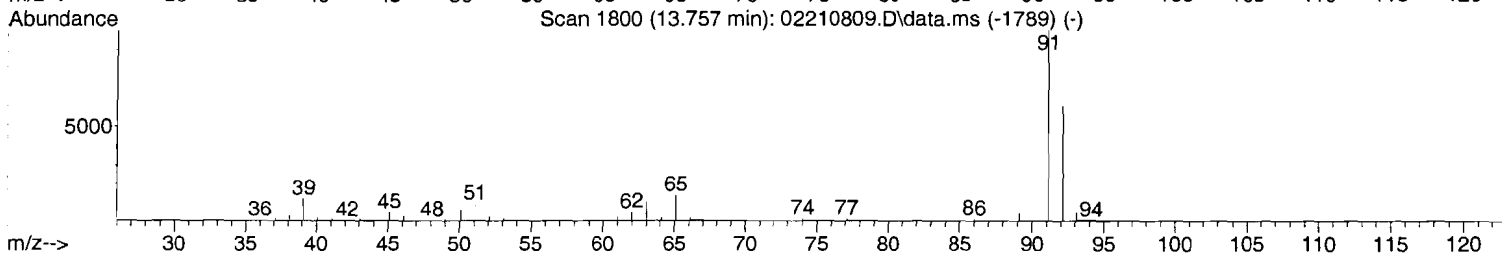
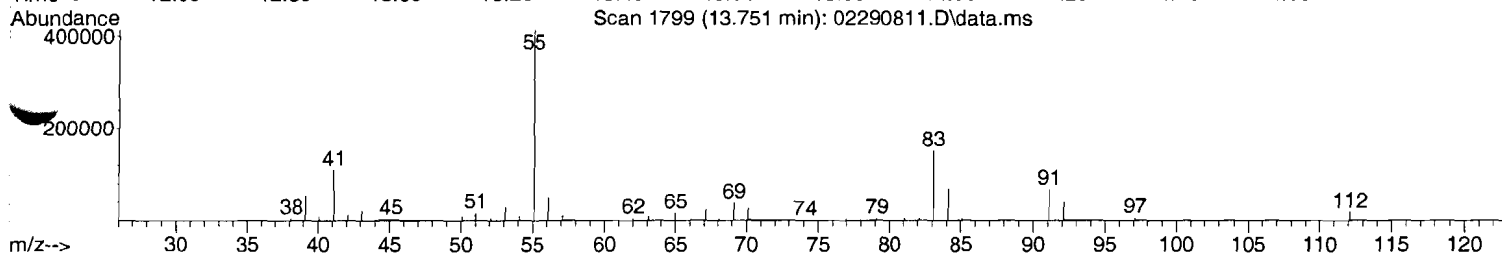
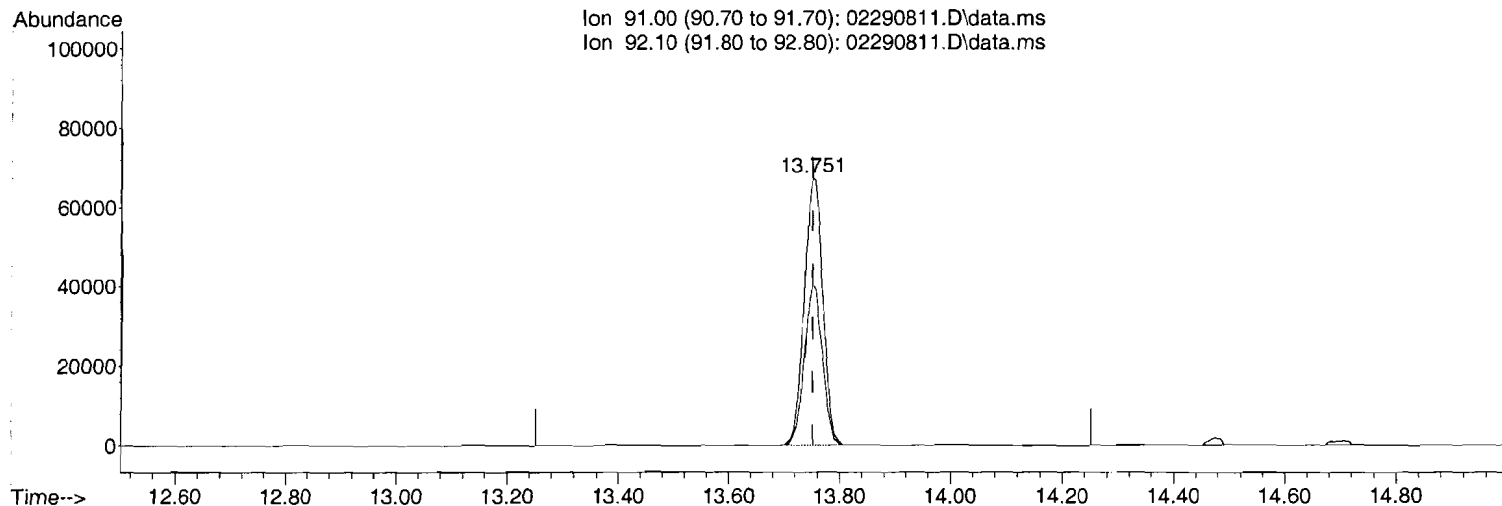
response 10864

Ion	Exp%	Act%
71.10	100	100
57.10	90.30	120.34#
100.10	26.30	28.56
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : J:\MS08\Data\2008_02\29\
 Data File : 02290811.D
 Acq On : 29 Feb 2008 18:02
 Operator : SC
 Sample : P0800448-005 (250ml)
 Vial : Walden SV-2 (0.6,3.5)
 Vial : 10 Sample Multiplier: 1

Quant Time: Mar 03 08:51:18 2008
 Quant Method : J:\MS08\Methods\R8022108.M
 Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 QLast Update : Fri Feb 22 09:32:02 2008
 Response via : Initial Calibration



TIC: 02290811.D\data.ms

(58) Toluene (T)

13.751min (-0.000) 1.82ng

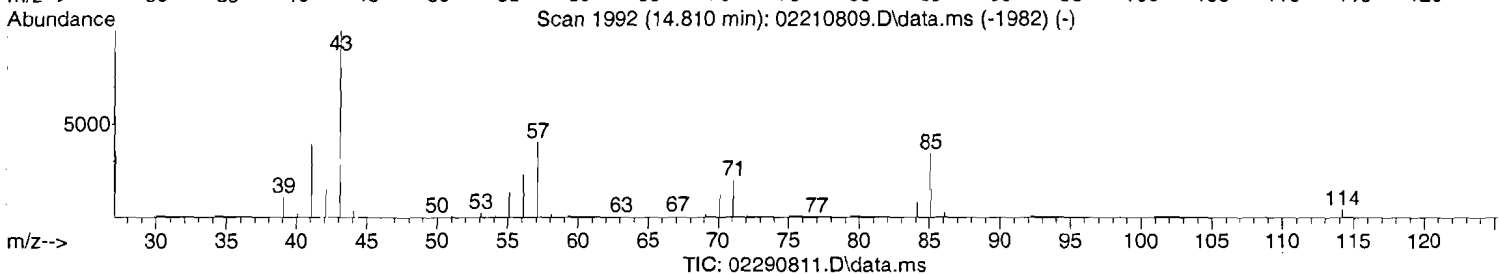
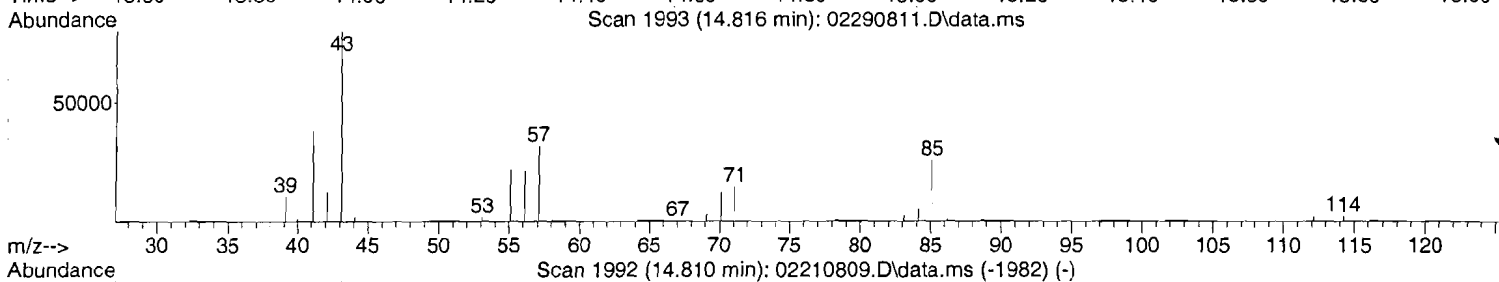
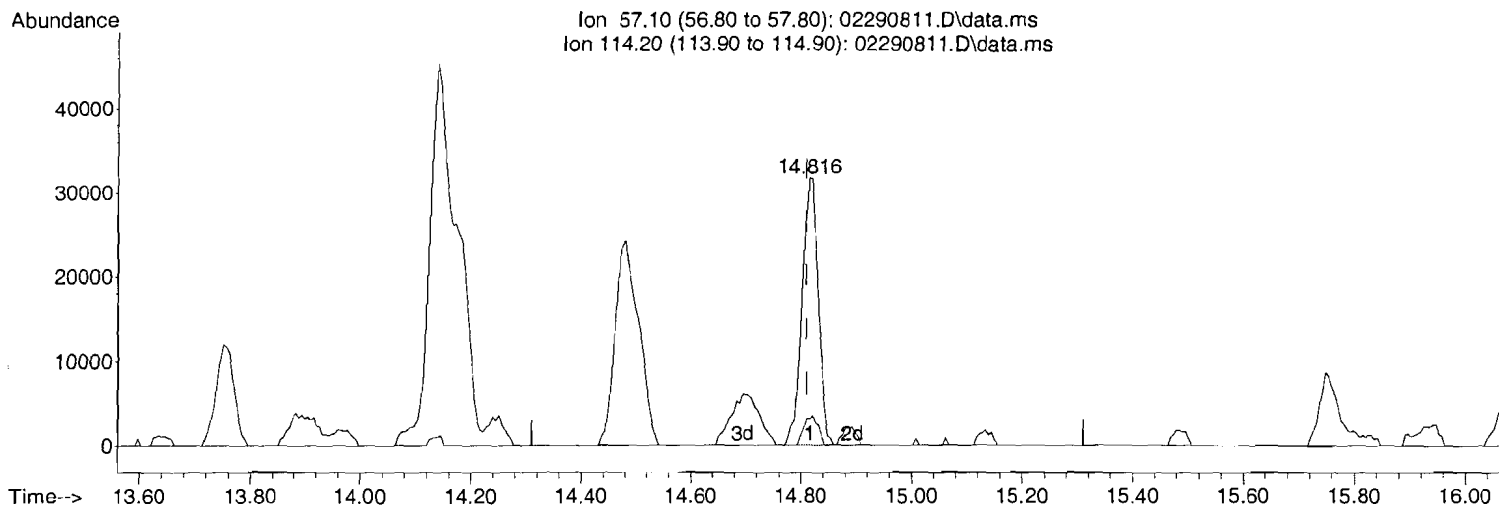
response 151612

Ion	Exp%	Act%
91.00	100	100
92.10	59.00	58.39
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : J:\MS08\Data\2008_02\29\
 Data File : 02290811.D
 Acq On : 29 Feb 2008 18:02
 Operator : SC
 Sample : P0800448-005 (250ml)
 Misc : Walden SV-2 (0.6,3.5)
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 03 08:51:18 2008
 Quant Method : J:\MS08\Methods\R8022108.M
 Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 QLast Update : Fri Feb 22 09:32:02 2008
 Response via : Initial Calibration



(63) n-Octane (T)

14.816min (+0.005) 2.64ng

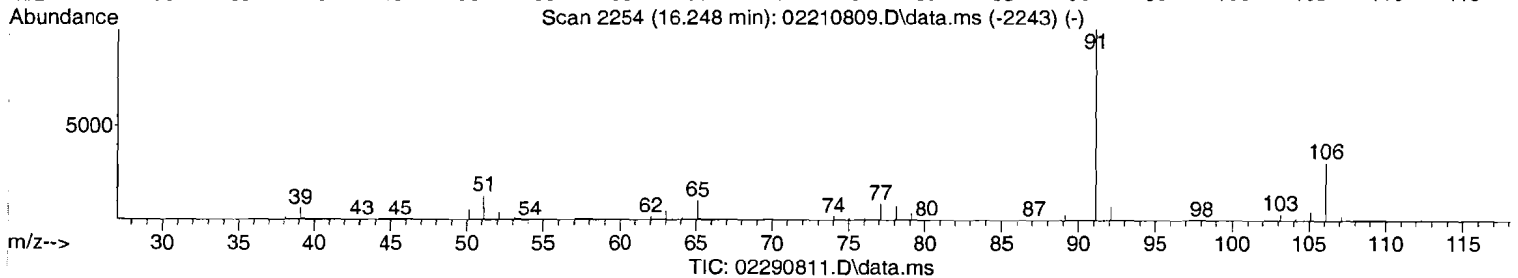
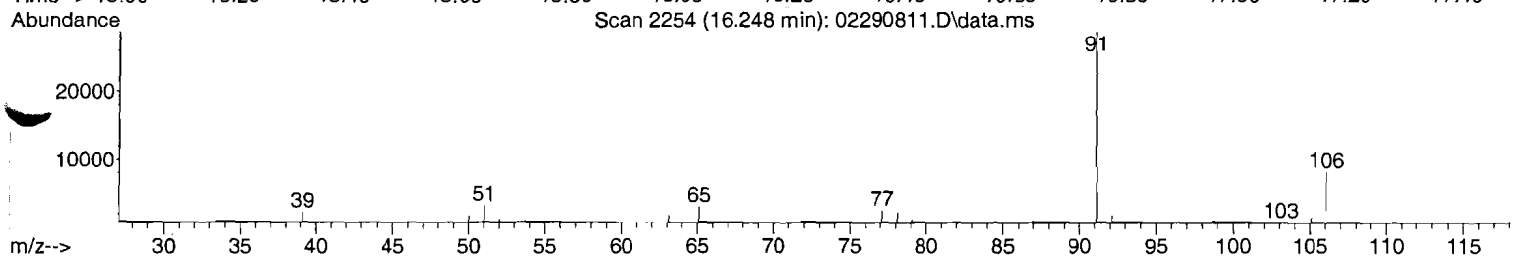
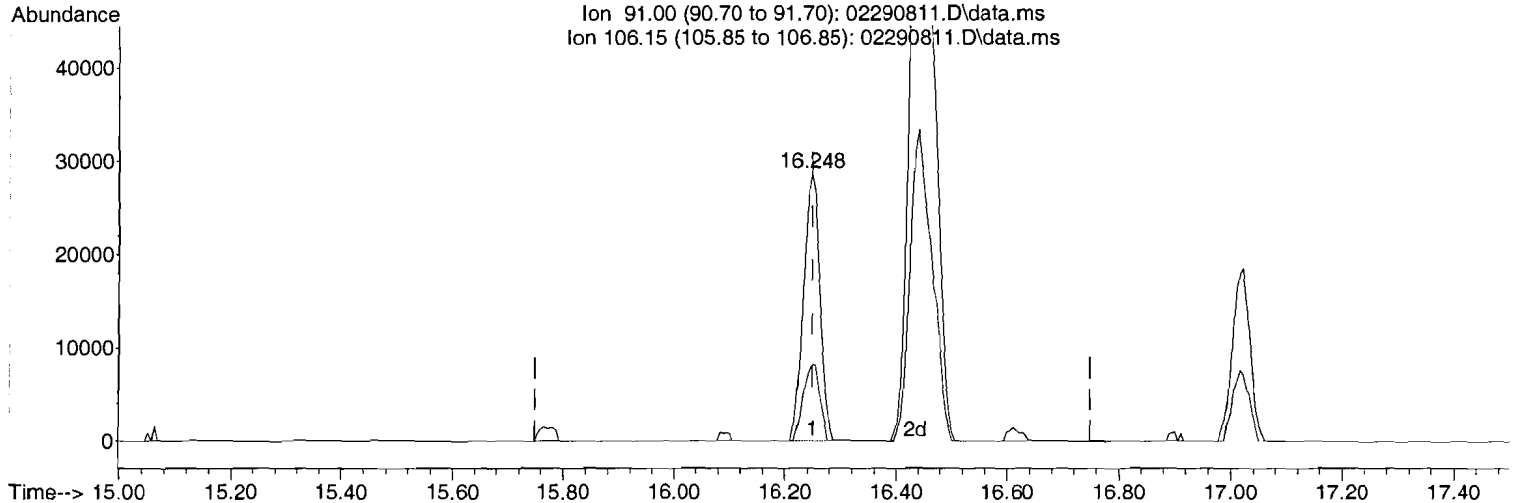
response 64510

Ion	Exp%	Act%
57.10	100	100
114.20	12.90	9.78
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : J:\MS08\Data\2008_02\29\
 Data File : 02290811.D
 Acq On : 29 Feb 2008 18:02
 Operator : SC
 Sample : P0800448-005 (250ml)
 isc : Walden SV-2 (0.6,3.5)
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 03 08:51:18 2008
 Quant Method : J:\MS08\Methods\R8022108.M
 Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 QLast Update : Fri Feb 22 09:32:02 2008
 Response via : Initial Calibration



(66) Ethylbenzene (T)

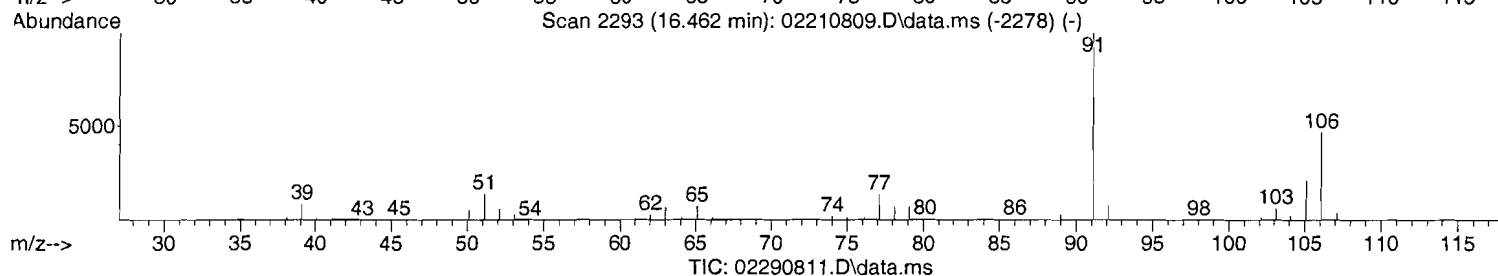
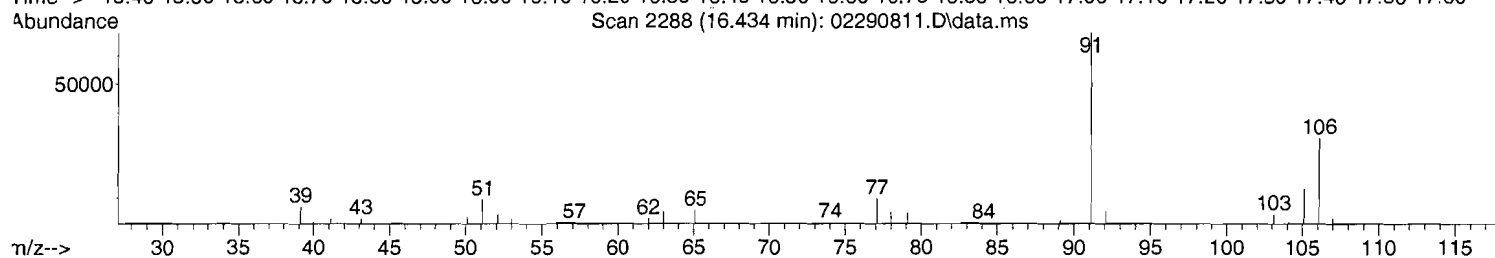
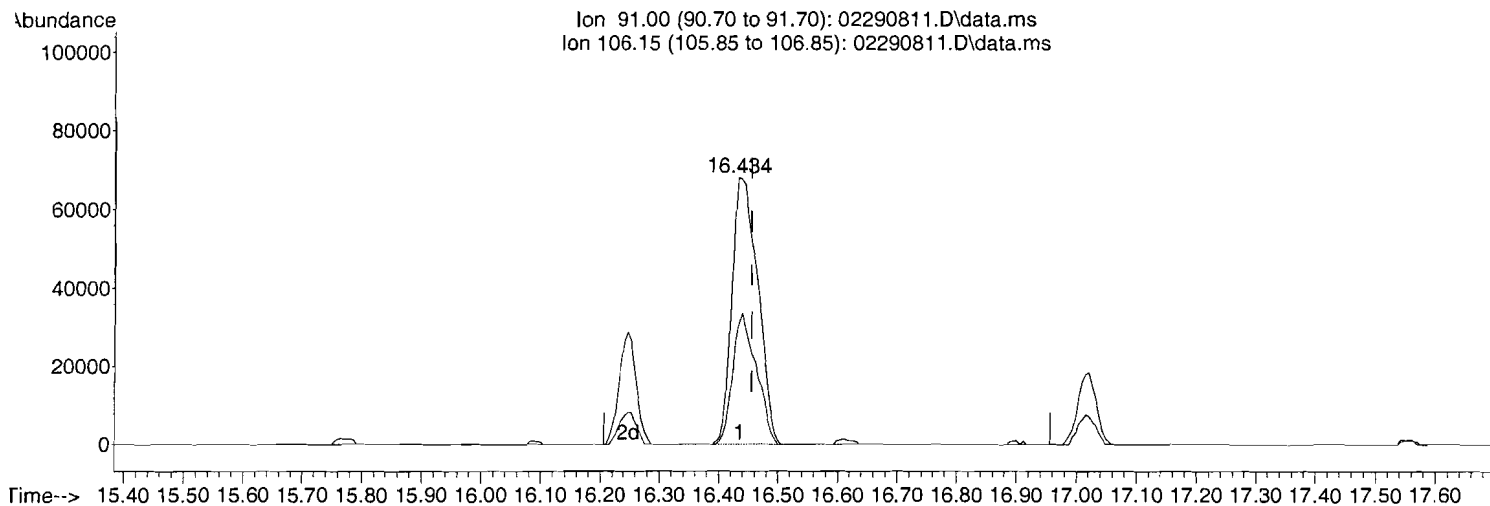
16.248min (0.000) 0.58ng

response 57907

Ion	Exp%	Act%
91.00	100	100
106.15	31.40	28.89
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : J:\MS08\Data\2008_02\29\
Data File : 02290811.D
Acq On : 29 Feb 2008 18:02
Operator : SC
Sample : P0800448-005 (250ml)
Misc : Walden SV-2 (0.6,3.5)
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 03 08:51:18 2008
Quant Method : J:\MS08\Methods\R8022108.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Fri Feb 22 09:32:02 2008
Response via : Initial Calibration



(67) m- & p-Xylene (T)

16.434min (-0.022) 3.06ng

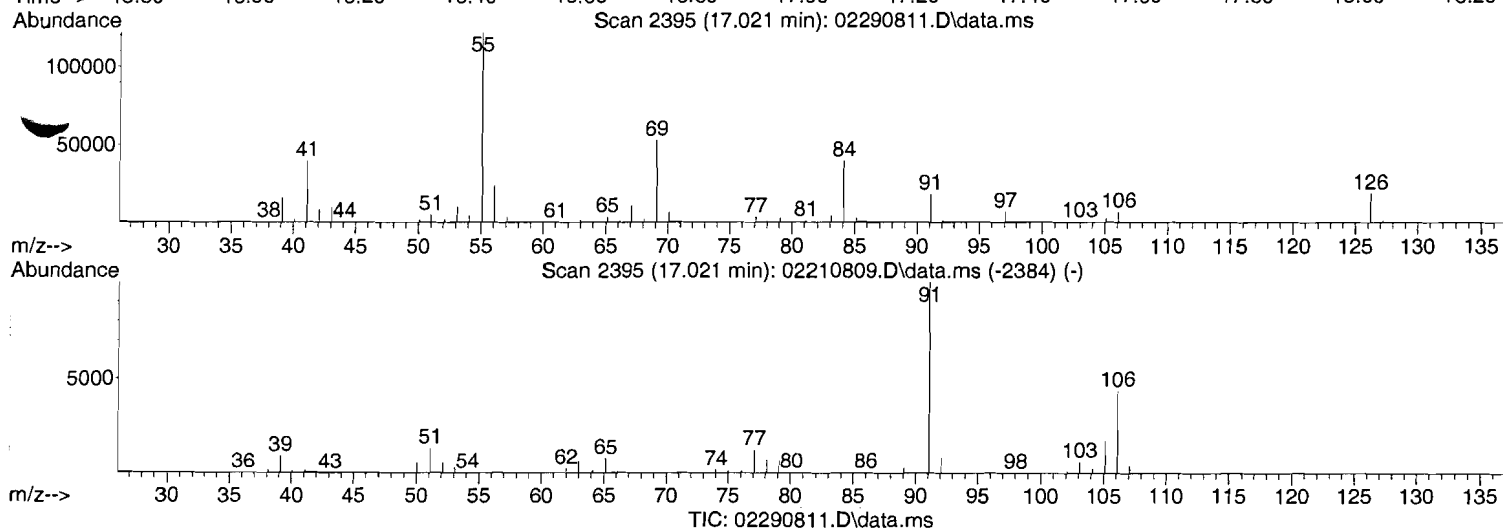
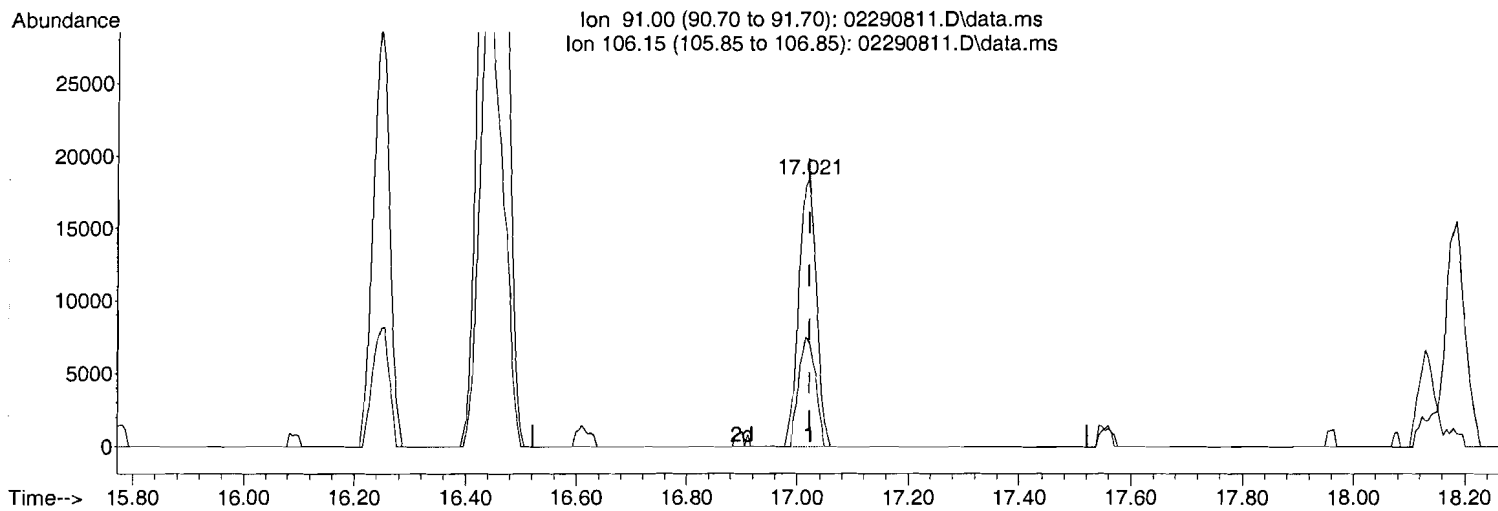
response 205602

Ion	Exp%	Act%
91.00	100	100
106.15	48.60	45.01
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : J:\MS08\Data\2008_02\29\
Data File : 02290811.D
Acq On : 29 Feb 2008 18:02
Operator : SC
Sample : P0800448-005 (250ml)
Vial : 10 Sample Multiplier: 1

Quant Time: Mar 03 08:51:18 2008
Quant Method : J:\MS08\Methods\R8022108.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Fri Feb 22 09:32:02 2008
Response via : Initial Calibration



(70) o-Xylene (T)

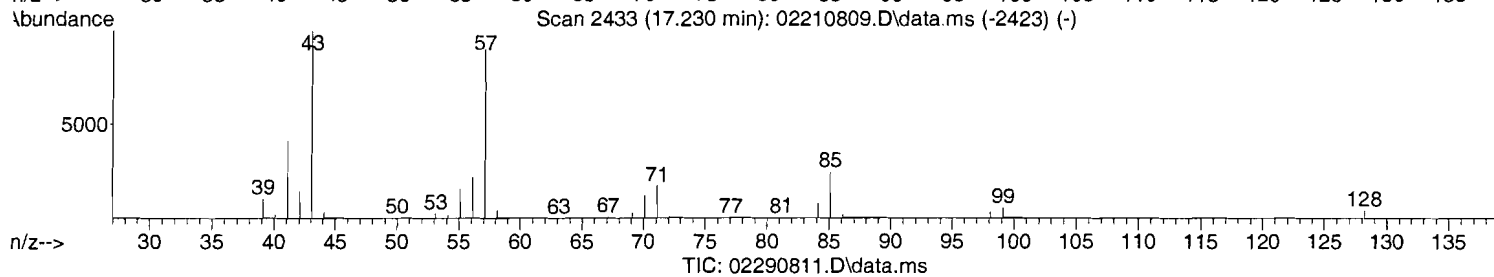
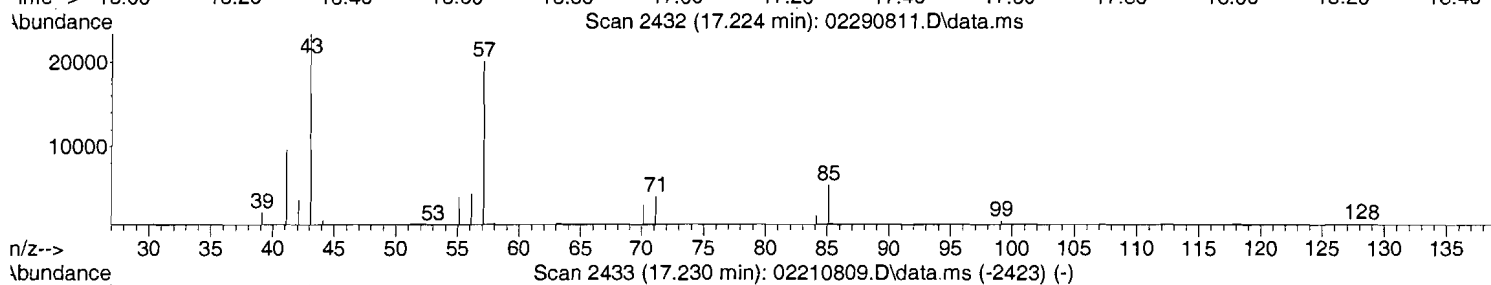
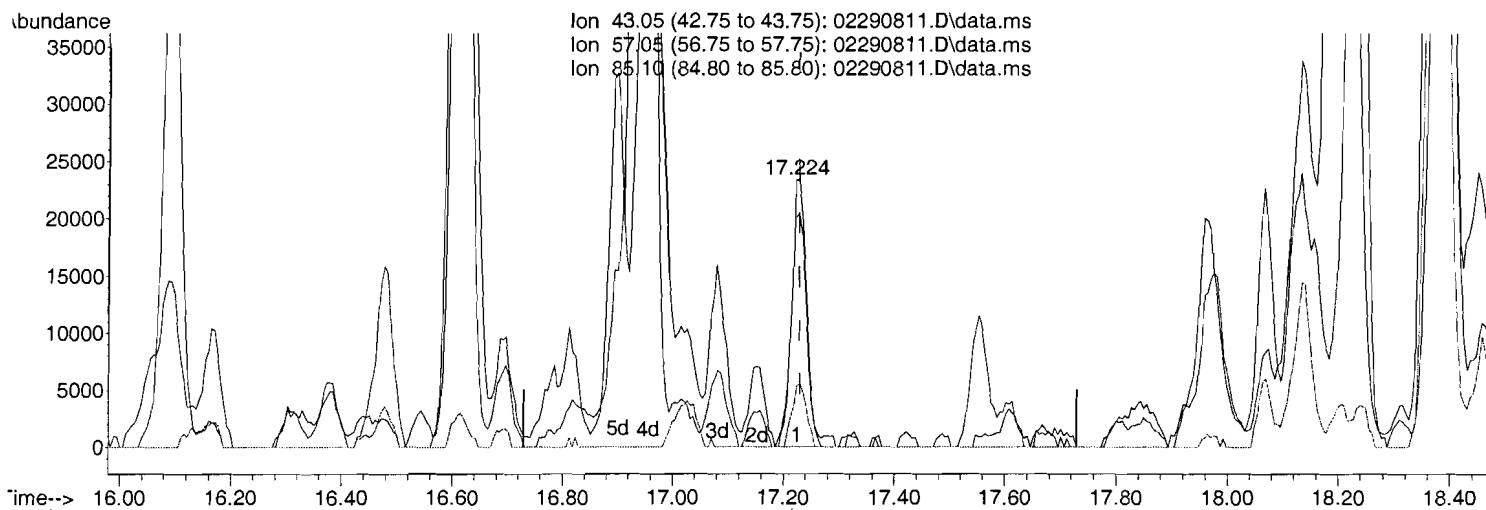
17.021min (-0.000) 0.55ng

response 39521

Ion	Exp%	Act%
91.00	100	100
106.15	45.70	38.88
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : J:\MS08\Data\2008_02\29\
Data File : 02290811.D
Acq On : 29 Feb 2008 18:02
Operator : SC
Sample : P0800448-005 (250ml)
Misc : Walden SV-2 (0.6,3.5)
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 03 08:51:18 2008
Quant Method : J:\MS08\Methods\R8022108.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Fri Feb 22 09:32:02 2008
Response via : Initial Calibration



(71) n-Nonane (T)

17.224min (-0.005) 0.76ng

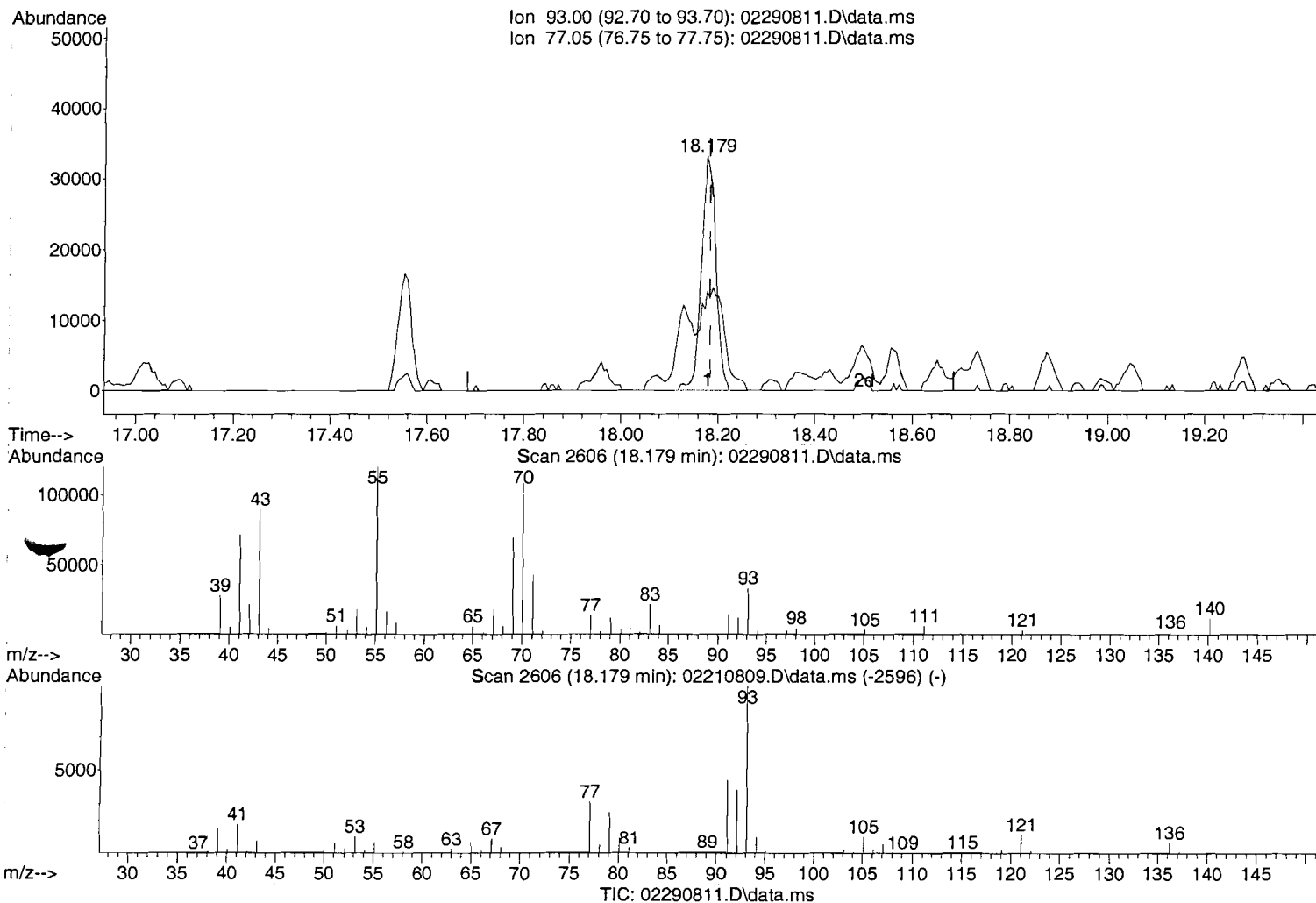
response 45593

Ion	Exp%	Act%
43.05	100	100
57.05	91.40	84.51
85.10	32.80	22.11
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : J:\MS08\Data\2008_02\29\
 Data File : 02290811.D
 Acq On : 29 Feb 2008 18:02
 Operator : SC
 Sample : P0800448-005 (250ml)
 isc : Walden SV-2 (0.6,3.5)
 LS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 03 08:51:18 2008
 Quant Method : J:\MS08\Methods\R8022108.M
 Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 QLast Update : Fri Feb 22 09:32:02 2008
 Response via : Initial Calibration



(75) alpha-Pinene (T)

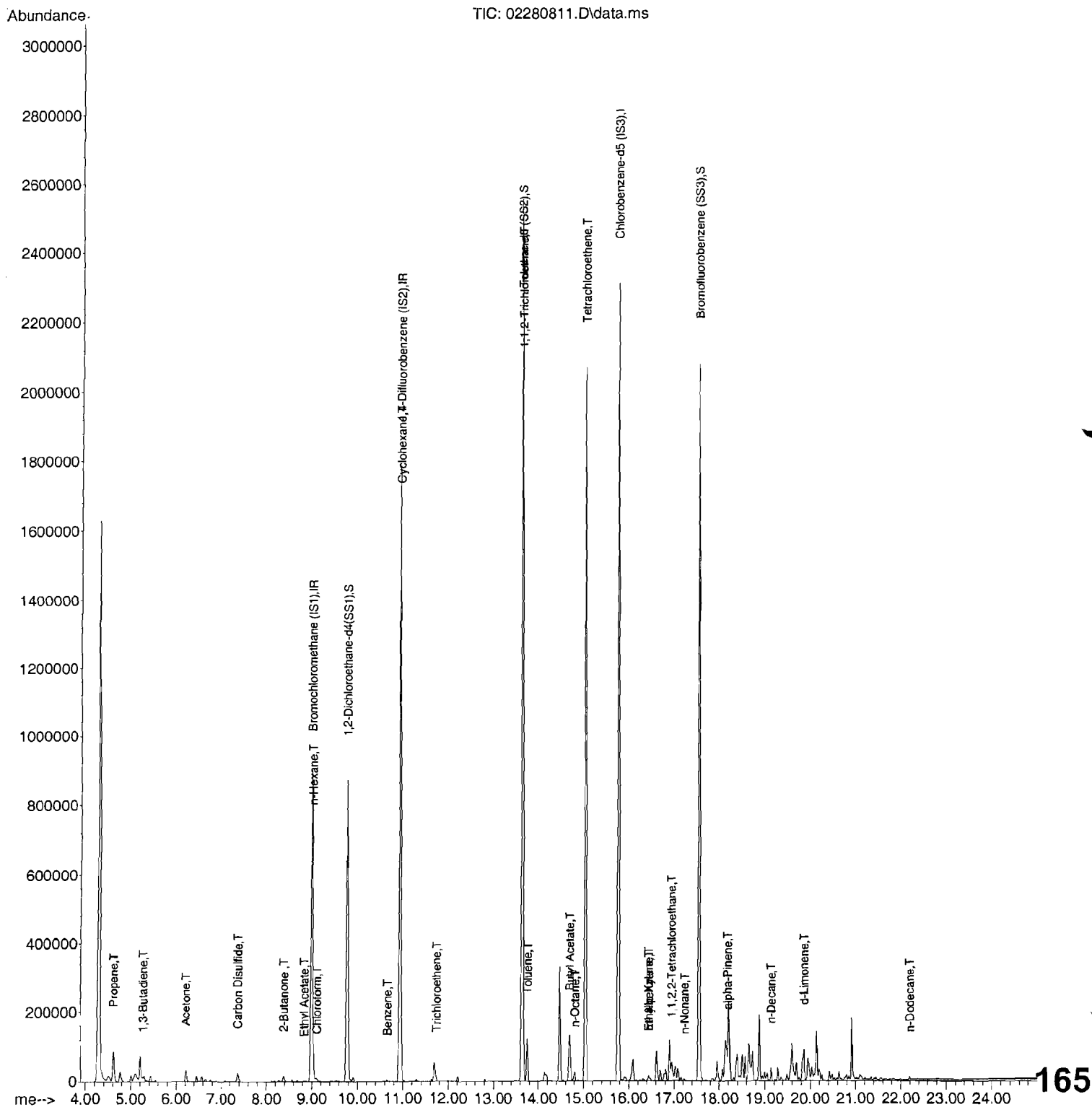
18.179min (-0.006) 1.34ng

response 66702

Ion	Exp%	Act%
93.00	100	100
77.05	30.00	69.68#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : J:\MS08\Data\2008_02\28\
Data File : 02280811.D
Acq On : 28 Feb 2008 18:06
Operator : SC
Sample : P0800448-005 Dil(25ml)
Misc : Walden SV-2 (0.6,3.5)
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Feb 29 08:48:54 2008
Quant Method : J:\MS08\Methods\R8022108.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Fri Feb 22 09:32:02 2008
Response via : Initial Calibration



Data Path : J:\MS08\Data\2008_02\28\
 Data File : 02280811.D
 Acq On : 28 Feb 2008 18:06
 Operator : SC
 Sample : P0800448-005 Dil(25ml)
 Vial : 10 Sample Multiplier: 1

Quant Time: Feb 29 08:48:54 2008
 Quant Method : J:\MS08\Methods\R8022108.M
 Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 QLast Update : Fri Feb 22 09:32:02 2008
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane (IS1)	8.99	130	347807	25.000	ng	0.00
37) 1,4-Difluorobenzene (IS2)	10.94	114	1666322	25.000	ng	0.00
56) Chlorobenzene-d5 (IS3)	15.77	82	949659	25.000	ng	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4(...)	9.77	65	836580	26.064	ng	0.00
Spiked Amount	25.000		Recovery	=	104.24%	
57) Toluene-d8 (SS2)	13.64	98	1965656	25.039	ng	0.00
Spiked Amount	25.000		Recovery	=	100.16%	
73) Bromofluorobenzene (SS3)	17.55	174	679942	24.754	ng	0.00
Spiked Amount	25.000		Recovery	=	99.00%	

Target Compounds

						Qvalue
2) Propene	4.61	42	36622	1.164	ng	99
3) Dichlorodifluoromethane	4.69	85	1926	N.D.		
4) Chloromethane	0.00	50	0	N.D.		
5) Freon 114	0.00	135	0	N.D.		
6) Vinyl Chloride	0.00	62	0	N.D.		
7) 1,3-Butadiene	5.25	54	5637	0.150	ng	# 78
8) Bromomethane	0.00	94	0	N.D.		
9) Chloroethane	0.00	64	0	N.D.		
10) Ethanol	5.77	45	279	N.D.		
11) Acetonitrile	6.03	41	2634	N.D.		
12) Acrolein	0.00	56	0	N.D.		
13) Acetone	6.21	58	17844	0.706	ng	91
14) Trichlorofluoromethane	0.00	101	0	N.D.		
15) Isopropanol	0.00	45	0	N.D.		
16) Acrylonitrile	6.57	53	259	N.D.		
17) 1,1-Dichloroethene	0.00	96	0	N.D.		
18) tert-Butanol	0.00	59	0	N.D.		
19) Methylene Chloride	0.00	84	0	N.D.		
20) Allyl Chloride	0.00	41	0	N.D.		
21) Trichlorotrifluoroethane	0.00	151	0	N.D.		
22) Carbon Disulfide	7.37	76	33704	0.349	ng	86
23) trans-1,2-Dichloroethene	0.00	61	0	N.D.		
24) 1,1-Dichloroethane	0.00	63	0	N.D.		
25) Methyl tert-Butyl Ether	0.00	73	0	N.D.		
26) Vinyl Acetate	0.00	86	0	N.D.		
27) 2-Butanone	8.37	72	4714	0.338	ng	# 1
28) cis-1,2-Dichloroethene	8.82	61	1542	N.D.		
29) Diisopropyl Ether	0.00	87	0	N.D.		
30) Ethyl Acetate	8.82	61	1542	0.171	ng	# 10
31) n-Hexane	9.01	57	4543	0.084	ng	# 64
32) Chloroform	9.10	83	7201	0.236	ng	96
34) Tetrahydrofuran	0.00	72	0	N.D.		
35) Ethyl tert-Butyl Ether	0.00	87	0	N.D.		
36) 1,2-Dichloroethane	0.00	62	0	N.D.		
38) 1,1,1-Trichloroethane	0.00	97	0	N.D.		
39) Isopropyl Acetate	0.00	61	0	N.D.		
40) 1-Butanol	0.00	56	0	N.D.		
41) Benzene	10.65	78	4992	0.059	ng	# 51
Carbon Tetrachloride	0.00	117	0	N.D.		
43) Cyclohexane	10.94	84	2741	0.075	ng	# 1
44) tert-Amyl Methyl Ether	0.00	73	0	N.D.		
45) 1,2-Dichloropropane	0.00	63	0	N.D.		
46) Bromodichloromethane	0.00	83	0	N.D.		

3/7/08

Data Path : J:\MS08\Data\2008_02\28\
 Data File : 02280811.D
 Acq On : 28 Feb 2008 18:06
 Operator : SC
 Sample : P0800448-005 Dil(25ml)
 Misc : Walden SV-2 (0.6,3.5)
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Feb 29 08:48:54 2008
 Quant Method : J:\MS08\Methods\R8022108.M
 Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 QLast Update : Fri Feb 22 09:32:02 2008
 Response via : Initial Calibration

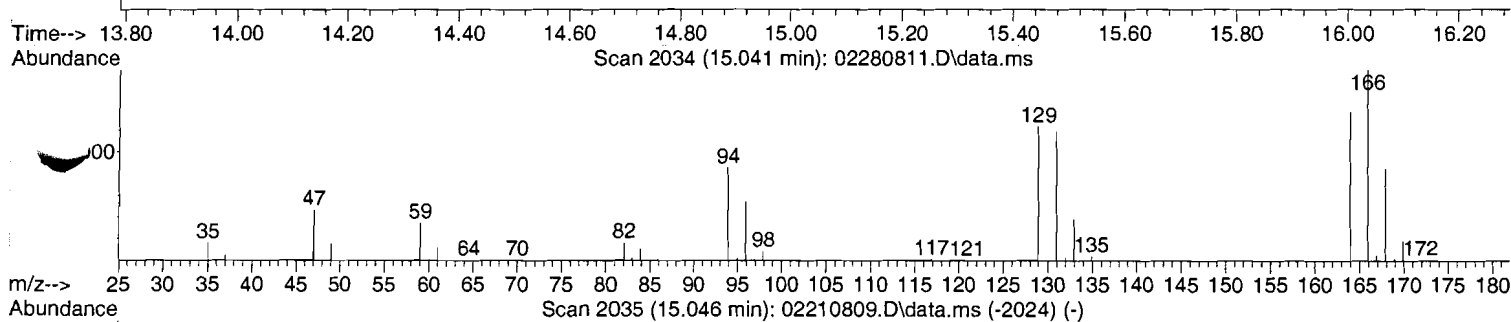
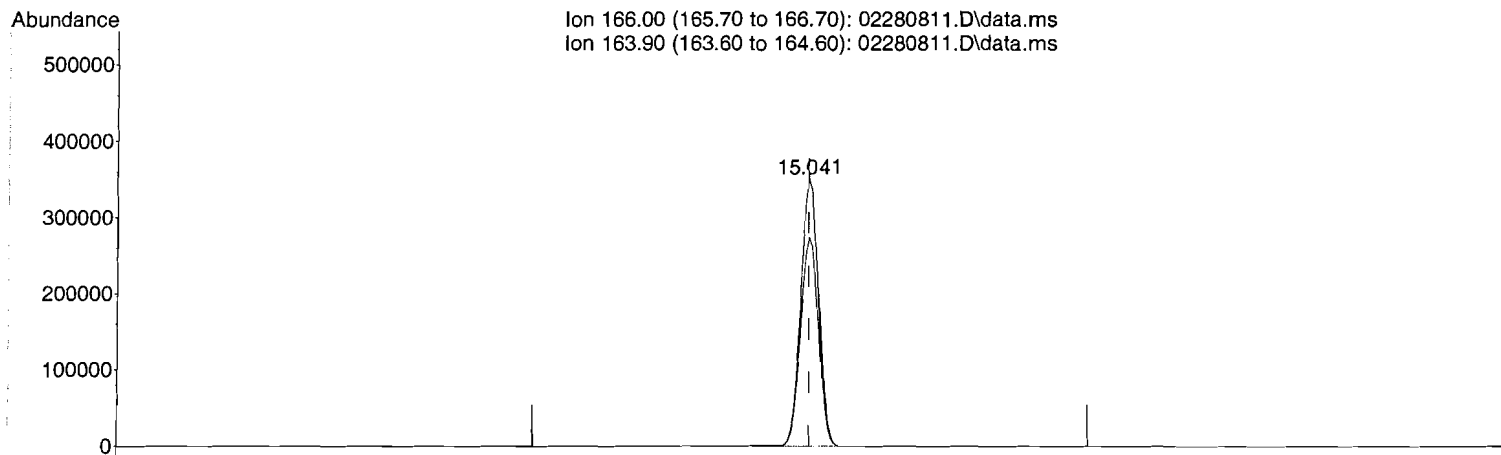
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) Trichloroethene	11.73	130	6349	0.328	ng	100
48) 1,4-Dioxane	0.00	88	0	N.D.		
49) Isooctane	0.00	57	0	N.D.		
50) Methyl Methacrylate	0.00	100	0	N.D.		
51) n-Heptane	0.00	71	0	N.D.		
52) cis-1,3-Dichloropropene	0.00	75	0	N.D.		
53) 4-Methyl-2-pentanone	0.00	58	0	N.D.		
54) trans-1,3-Dichloropropene	0.00	75	0	N.D.		
55) 1,1,2-Trichloroethane	13.65	97	165465	8.406	ng #	7
58) Toluene	13.75	91	14588	0.161	ng	98
59) 2-Hexanone	13.97	43	1584	N.D.		
60) Dibromochloromethane	0.00	129	0	N.D.		
61) 1,2-Dibromoethane	0.00	107	0	N.D.		
62) Butyl Acetate	14.70	43	9117	0.123	ng #	1
63) n-Octane	14.81	57	5975	0.224	ng #	67
64) Tetrachloroethene	15.04	166	767863	33.034	ng	99
65) Chlorobenzene	15.76	112	275	N.D.		
66) Ethylbenzene	16.44	91	19602	0.180	ng	74
67) m- & p-Xylene	16.44	91	19602	0.268	ng	96
68) Bromoform	0.00	173	0	N.D.		
69) Styrene	0.00	104	0	N.D.		
70) o-Xylene	17.02	91	3630	N.D.		
71) n-Nonane	17.24	43	3965	0.060	ng #	84
72) 1,1,2,2-Tetrachloroethane	16.94	83	1590	0.051	ng #	18
74) Cumene	0.00	105	0	N.D.		
75) alpha-Pinene	18.18	93	5824	0.108	ng #	23
76) n-Propylbenzene	18.17	91	2599	N.D.		
77) 3-Ethyltoluene	18.43	105	783	N.D.		
78) 4-Ethyltoluene	18.43	105	783	N.D.		
79) 1,3,5-Trimethylbenzene	18.43	105	783	N.D.		
80) alpha-Methylstyrene	0.00	118	0	N.D.		
81) 2-Ethyltoluene	19.05	105	3318	N.D.		
82) 1,2,4-Trimethylbenzene	19.05	105	3318	N.D.		
83) n-Decane	19.13	57	15858	0.230	ng	80
84) Benzyl Chloride	0.00	91	0	N.D.		
85) 1,3-Dichlorobenzene	0.00	146	0	N.D.		
86) 1,4-Dichlorobenzene	0.00	146	0	N.D.		
87) sec-Butylbenzene	19.56	105	325	N.D.		
88) p-Isopropyltoluene	0.00	119	0	N.D.		
89) 1,2,3-Trimethylbenzene	19.56	105	325	N.D.		
90) 1,2-Dichlorobenzene	0.00	146	0	N.D.		
91) d-Limonene	19.85	68	12142	0.348	ng #	15
92) 1,2-Dibromo-3-Chloropr...	0.00	157	0	N.D.		
93) n-Undecane	20.42	57	1647	N.D.		
94) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.		
95) Naphthalene	0.00	128	0	N.D.		
96) n-Dodecane	22.19	57	3982	0.058	ng	89
97) Hexachloro-1,3-butadiene	0.00	225	0	N.D.		

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

Quantitation Report (Qedit)

Data Path : J:\MS08\Data\2008_02\28\
 Data File : 02280811.D
 Acq On : 28 Feb 2008 18:06
 Operator : SC
 Sample : P0800448-005 Dil(25ml)
 sc : Walden SV-2 (0.6,3.5)
 S Vial : 10 Sample Multiplier: 1

Quant Time: Feb 29 08:48:54 2008
 Quant Method : J:\MS08\Methods\R8022108.M
 Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 QLast Update : Fri Feb 22 09:32:02 2008
 Response via : Initial Calibration



(64) Tetrachloroethene (T)

15.041min (+0.000) 33.03ng

response 767863

Ion	Exp%	Act%
166.00	100	100
163.90	78.10	78.82
0.00	0.00	0.00
0.00	0.00	0.00

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Page 1 of 3

Client: **Walden Environmental Engineering, PLLC**Client Sample ID: **SV-3**Client Project ID: **Bayville Village Cleaners / BVC0106**

CAS Project ID: P0800448

CAS Sample ID: P0800448-006

Test Code: EPA TO-15

Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8

Analyst: Simon Cao

Sampling Media: 6.0 L Summa Canister

Test Notes:

Container ID: SC00618

Date Collected: 2/22/08

Date Received: 2/26/08

Date Analyzed: 2/28 - 2/29/08

Volume(s) Analyzed: 0.25 Liter(s)

0.025 Liter(s)

Initial Pressure (psig): 0.0 Final Pressure (psig): 3.6

Canister Dilution Factor: 1.24

CAS #	Compound	Result µg/m ³	MRL µg/m ³	Result ppbV	MRL ppbV	Data Qualifier
115-07-1	Propene	130	2.5	74	1.4	
75-71-8	Dichlorodifluoromethane (CFC 12)	2.5	2.5	0.51	0.50	
74-87-3	Chloromethane	ND	2.5	ND	1.2	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	ND	2.5	ND	0.35	
75-01-4	Vinyl Chloride	ND	2.5	ND	0.97	
106-99-0	1,3-Butadiene	16	2.5	7.3	1.1	
74-83-9	Bromomethane	ND	2.5	ND	0.64	
75-00-3	Chloroethane	ND	2.5	ND	0.94	
64-17-5	Ethanol	ND	25	ND	13	
75-05-8	Acetonitrile	ND	2.5	ND	1.5	
107-02-8	Acrolein	6.2	2.5	2.7	1.1	
67-64-1	Acetone	120	25	52	10	
75-69-4	Trichlorofluoromethane	ND	2.5	ND	0.44	
67-63-0	2-Propanol (Isopropyl Alcohol)	ND	2.5	ND	1.0	
107-13-1	Acrylonitrile	ND	2.5	ND	1.1	
75-35-4	1,1-Dichloroethene	ND	2.5	ND	0.63	
75-09-2	Methylene Chloride	ND	2.5	ND	0.71	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	ND	2.5	ND	0.79	
76-13-1	Trichlorotrifluoroethane	ND	2.5	ND	0.32	
75-15-0	Carbon Disulfide	6.3	2.5	2.0	0.80	
156-60-5	trans-1,2-Dichloroethene	ND	2.5	ND	0.63	
75-34-3	1,1-Dichloroethane	ND	2.5	ND	0.61	
1634-04-4	Methyl tert-Butyl Ether	ND	2.5	ND	0.69	
108-05-4	Vinyl Acetate	ND	25	ND	7.0	
78-93-3	2-Butanone (MEK)	57	2.5	19	0.84	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RLDate: 3/11/08

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COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Page 2 of 3

Client: **Walden Environmental Engineering, PLLC**Client Sample ID: **SV-3**Client Project ID: **Bayville Village Cleaners / BVC0106**

CAS Project ID: P0800448

CAS Sample ID: P0800448-006

Test Code: EPA TO-15

Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8

Analyst: Simon Cao

Sampling Media: 6.0 L Summa Canister

Test Notes:

Container ID: SC00618

Date Collected: 2/22/08

Date Received: 2/26/08

Date Analyzed: 2/28 - 2/29/08

Volume(s) Analyzed: 0.25 Liter(s)

0.025 Liter(s)

Initial Pressure (psig): 0.0 Final Pressure (psig): 3.6

Canister Dilution Factor: 1.24

CAS #	Compound	Result $\mu\text{g}/\text{m}^3$	MRL $\mu\text{g}/\text{m}^3$	Result ppbV	MRL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	ND	2.5	ND	0.63	
141-78-6	Ethyl Acetate	ND	2.5	ND	0.69	
110-54-3	n-Hexane	5.7	2.5	1.6	0.70	
67-66-3	Chloroform	3.5	2.5	0.72	0.51	
109-99-9	Tetrahydrofuran (THF)	3.2	2.5	1.1	0.84	
107-06-2	1,2-Dichloroethane	ND	2.5	ND	0.61	
5-6	1,1,1-Trichloroethane	ND	2.5	ND	0.45	
71-43-2	Benzene	5.5	2.5	1.7	0.78	
56-23-5	Carbon Tetrachloride	ND	2.5	ND	0.39	
110-82-7	Cyclohexane	ND	2.5	ND	0.72	
78-87-5	1,2-Dichloropropane	ND	2.5	ND	0.54	
75-27-4	Bromodichloromethane	ND	2.5	ND	0.37	
79-01-6	Trichloroethene	12	2.5	2.3	0.46	
123-91-1	1,4-Dioxane	ND	2.5	ND	0.69	
80-62-6	Methyl Methacrylate	ND	2.5	ND	0.61	
142-82-5	n-Heptane	3.0	2.5	0.74	0.61	
10061-01-5	cis-1,3-Dichloropropene	ND	2.5	ND	0.55	
108-10-1	4-Methyl-2-pentanone	ND	2.5	ND	0.61	
10061-02-6	trans-1,3-Dichloropropene	ND	2.5	ND	0.55	
79-00-5	1,1,2-Trichloroethane	ND	2.5	ND	0.45	
108-88-3	Toluene	8.9	2.5	2.4	0.66	
591-78-6	2-Hexanone	2.8	2.5	0.68	0.61	
124-48-1	Dibromochloromethane	ND	2.5	ND	0.29	
106-93-4	1,2-Dibromoethane	ND	2.5	ND	0.32	
123-86-4	n-Butyl Acetate	ND	2.5	ND	0.52	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RcDate: 3/16/08

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COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Page 3 of 3

Client: **Walden Environmental Engineering, PLLC**
 Client Sample ID: **SV-3**
 Client Project ID: **Bayville Village Cleaners / BVC0106**

CAS Project ID: P0800448
 CAS Sample ID: P0800448-006

Test Code: EPA TO-15
 Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
 Analyst: Simon Cao
 Sampling Media: 6.0 L Summa Canister
 Test Notes:
 Container ID: SC00618

Date Collected: 2/22/08
 Date Received: 2/26/08
 Date Analyzed: 2/28 - 2/29/08
 Volume(s) Analyzed: 0.25 Liter(s)
 0.025 Liter(s)

Initial Pressure (psig): 0.0 Final Pressure (psig): 3.6

Canister Dilution Factor: 1.24

CAS #	Compound	Result µg/m ³	MRL µg/m ³	Result ppbV	MRL ppbV	Data Qualifier
111-65-9	n-Octane	16	2.5	3.4	0.53	
127-18-4	Tetrachloroethene	2,000	2.5	290	0.37	
108-90-7	Chlorobenzene	ND	2.5	ND	0.54	
100-41-4	Ethylbenzene	ND	2.5	ND	0.57	
179601-23-1	m,p-Xylenes	9.9	5.0	2.3	1.1	
75-25-2	Bromoform	ND	2.5	ND	0.24	
100-42-5	Styrene	ND	2.5	ND	0.58	
105-47-6	o-Xylene	ND	2.5	ND	0.57	
111-84-2	n-Nonane	3.8	2.5	0.73	0.47	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.5	ND	0.36	
98-82-8	Cumene	ND	2.5	ND	0.50	
100-56-8	alpha-Pinene	ND	2.5	ND	0.45	
103-65-1	n-Propylbenzene	ND	2.5	ND	0.50	
102-96-8	4-Ethyltoluene	ND	2.5	ND	0.50	
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	ND	0.50	
105-63-6	1,2,4-Trimethylbenzene	ND	2.5	ND	0.50	
100-44-7	Benzyl Chloride	ND	2.5	ND	0.48	
141-73-1	1,3-Dichlorobenzene	ND	2.5	ND	0.41	
106-46-7	1,4-Dichlorobenzene	ND	2.5	ND	0.41	
105-50-1	1,2-Dichlorobenzene	ND	2.5	ND	0.41	
989-27-5	d-Limonene	3.2	2.5	0.58	0.45	
106-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	ND	0.26	
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	ND	0.33	
123-20-3	Naphthalene	ND	2.5	ND	0.47	
107-68-3	Hexachlorobutadiene	ND	2.5	ND	0.23	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

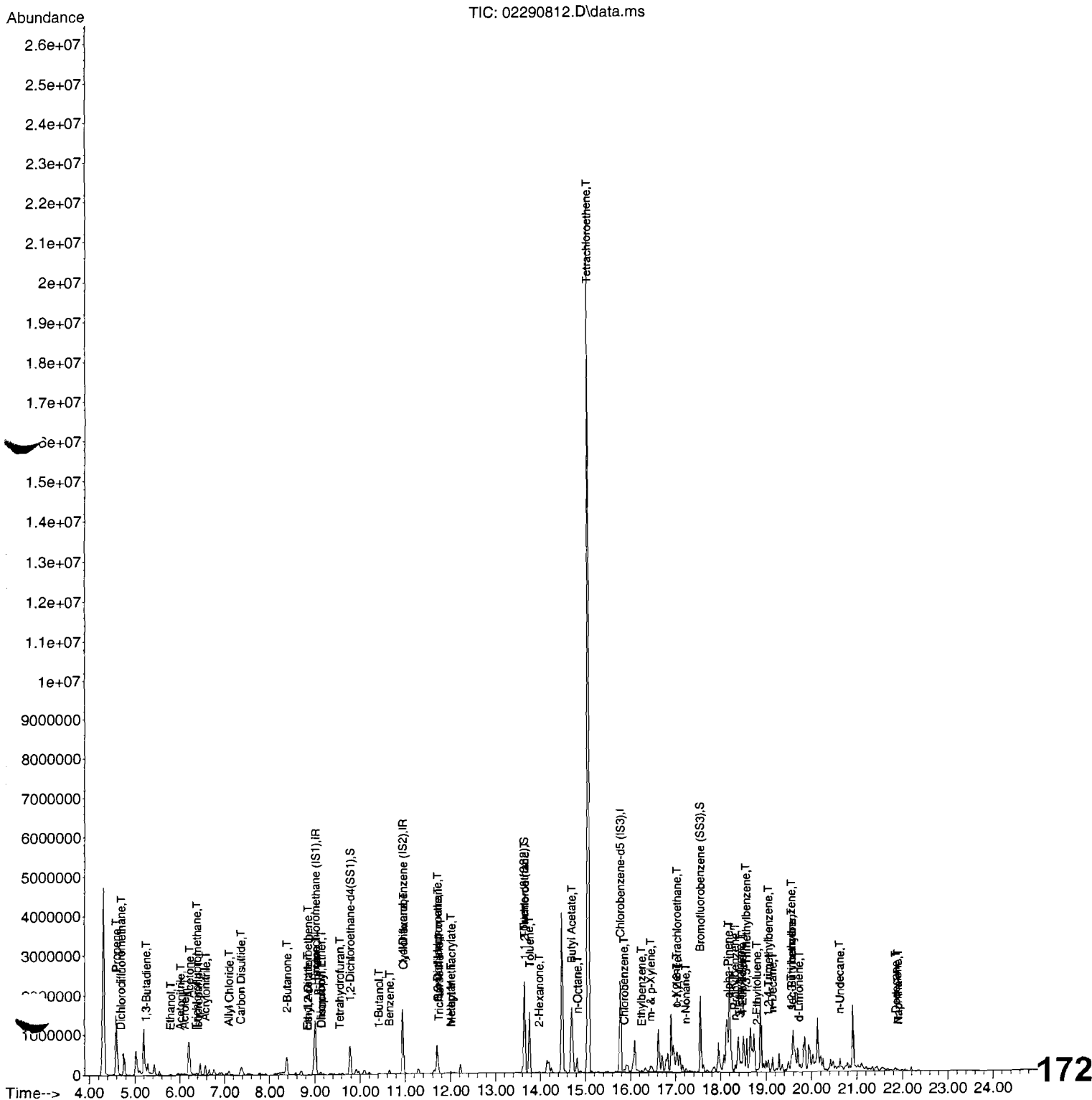
RL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: PerDate: 3/11/08

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Data Path : J:\MS08\Data\2008_02\29\
Data File : 02290812.D
Acq On : 29 Feb 2008 18:39
Operator : SC
Sample : P0800448-006 (250ml)
sc : Walden SV-3 (0.0,3.6) ✓
MS Vial : 11 Sample Multiplier: 1

Quant Time: Mar 10 13:24:12 2008
Quant Method : J:\MS08\Methods\R8022108.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Fri Feb 22 09:32:02 2008
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : J:\MS08\Data\2008_02\29\
 Data File : 02290812.D
 Acq On : 29 Feb 2008 18:39
 Operator : SC
 Sample : P0800448-006 (250ml)
 Misc : Walden SV-3 (0.0,3.6)
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Mar 10 13:24:12 2008
 Quant Method : J:\MS08\Methods\R8022108.M
 Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 QLast Update : Fri Feb 22 09:32:02 2008
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane (IS1)	9.01	130	308202	25.000	ng	0.01
37) 1,4-Difluorobenzene (IS2)	10.94	114	1478612	25.000	ng	0.00
56) Chlorobenzene-d5 (IS3)	15.77	82	878941	25.000	ng	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4(...)	9.77	65	678609	23.859	ng	0.00
Spiked Amount	25.000		Recovery	=	95.44%	
57) Toluene-d8 (SS2)	13.64	98	1751267	24.103	ng	0.00
Spiked Amount	25.000		Recovery	=	96.40%	
73) Bromofluorobenzene (SS3)	17.55	174	608487	23.935	ng	0.00
Spiked Amount	25.000		Recovery	=	95.72%	

Target Compounds

					Qvalue	
2) Propene	4.59	42	717457	25.735 ng	96	
3) Dichlorodifluoromethane	4.69	85	22099	0.507 ng	97	
4) Chloromethane	0.00	50	0	N.D.		
5) Freon 114	0.00	135	0	N.D.		
6) Vinyl Chloride	0.00	62	0	N.D.		
7) 1,3-Butadiene	5.24	54	108707m	3.255 ng		
8) Bromomethane	0.00	94	0	N.D.		
9) Chloroethane	0.00	64	0	N.D.		
10) Ethanol	5.78	45	23904	1.291 ng	96	in RL
11) Acetonitrile	6.00	41	18858	0.350 ng	82	
12) Acrolein	6.10	56	18261	1.242 ng	96	
13) Acetone	6.20	58	563204	25.130 ng	#	81
14) Trichlorofluoromethane	6.36	101	7635	0.240 ng		99
15) Isopropanol	6.40	45	14520	0.216 ng	#	61
16) Acrylonitrile	6.56	53	26234	0.725 ng	#	24
17) 1,1-Dichloroethene	0.00	96	0	N.D.		
18) tert-Butanol	7.00	59	533	N.D.		
19) Methylene Chloride	0.00	84	0	N.D.		
20) Allyl Chloride	7.09	41	17451	0.484 ng	#	40
21) Trichlorotrifluoroethane	7.23	151	263	N.D.		
22) Carbon Disulfide	7.35	76	107885	1.261 ng	97	
23) trans-1,2-Dichloroethene	0.00	61	0	N.D.		
24) 1,1-Dichloroethane	0.00	63	0	N.D.		
25) Methyl tert-Butyl Ether	0.00	73	0	N.D.		
26) Vinyl Acetate	0.00	86	0	N.D.		
27) 2-Butanone	8.37	72	142163	11.511 ng	#	41
28) cis-1,2-Dichloroethene	8.84	61	2140	0.066 ng	#	11
29) Diisopropyl Ether	9.13	87	939	0.065 ng	#	1
30) Ethyl Acetate	8.84	61	2140	0.267 ng	#	10
31) n-Hexane	9.02	57	54590	1.146 ng		88
32) Chloroform	9.13	83	19292	0.713 ng		97
34) Tetrahydrofuran	9.54	72	7780	0.650 ng	#	7
35) Ethyl tert-Butyl Ether	0.00	87	0	N.D.		
36) 1,2-Dichloroethane	9.97	62	568	N.D.		
38) 1,1,1-Trichloroethane	0.00	97	0	N.D.		
39) Isopropyl Acetate	0.00	61	0	N.D.		
40) 1-Butanol	10.41	56	13566	0.484 ng	#	37
41) Benzene	10.65	78	84281	1.118 ng		91
42) Carbon Tetrachloride	0.00	117	0	N.D.		
43) Cyclohexane	10.95	84	6805	0.209 ng	#	1
44) tert-Amyl Methyl Ether	0.00	73	0	N.D.		
45) 1,2-Dichloropropane	11.71	63	3313	0.148 ng	#	14
46) Bromodichloromethane	11.71	83	12361	0.457 ng	#	18

Data Path : J:\MS08\Data\2008_02\29\
 Data File : 02290812.D
 Acq On : 29 Feb 2008 18:39
 Operator : SC
 Sample : P0800448-006 (250ml)
 Vial : Walden SV-3 (0.0,3.6)
 Vial : 11 Sample Multiplier: 1

Quant Time: Mar 10 13:24:12 2008
 Quant Method : J:\MS08\Methods\R8022108.M
 Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 QLast Update : Fri Feb 22 09:32:02 2008
 Response via : Initial Calibration

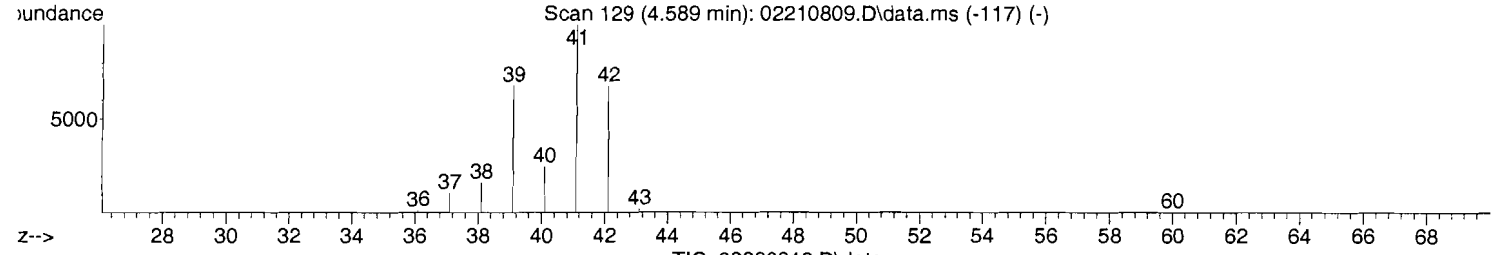
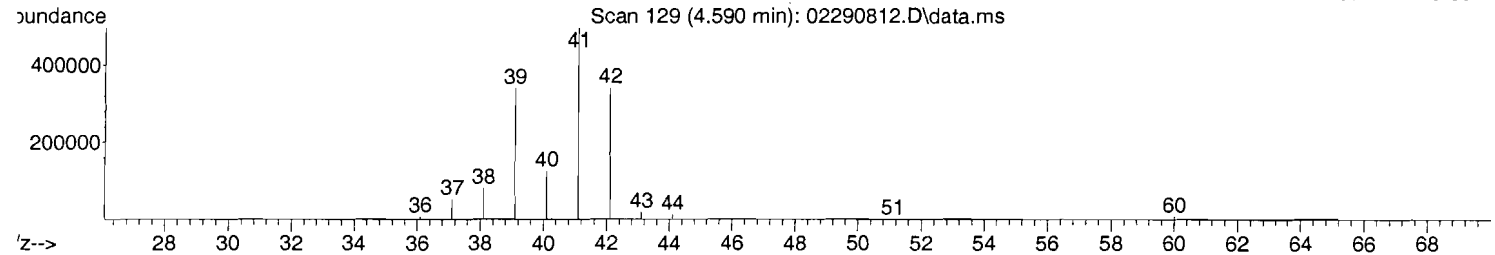
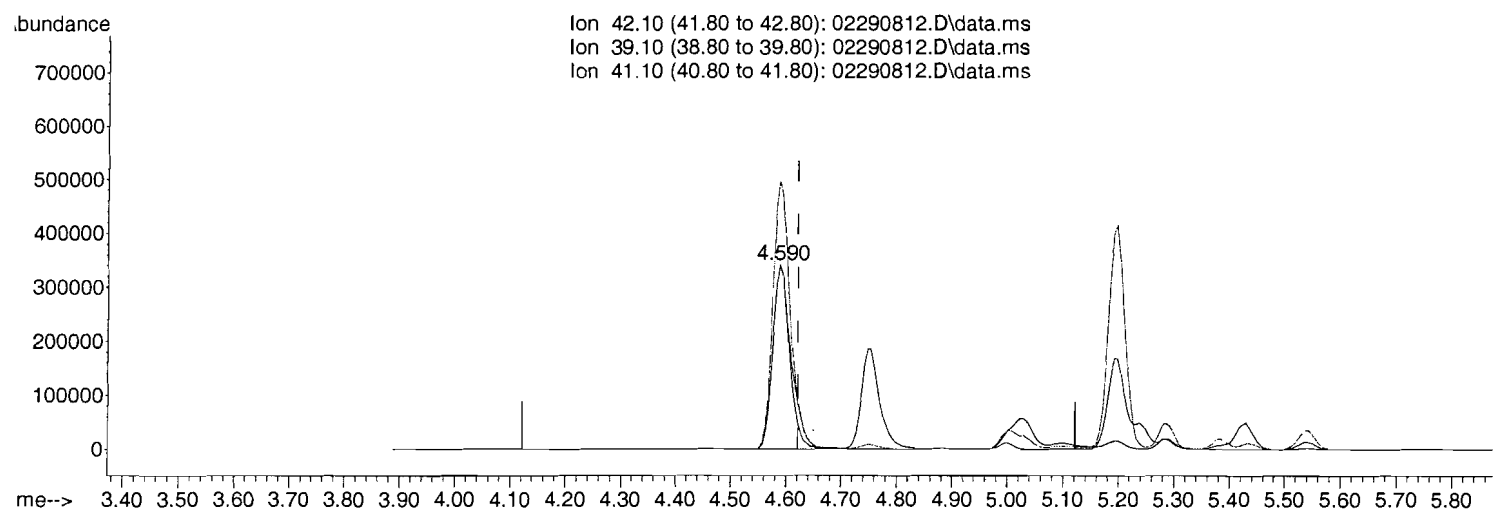
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) Trichloroethene	11.73	130	42534	2.476 ng		97
48) 1,4-Dioxane	0.00	88	0	N.D.		
49) Isooctane	11.78	57	2811	N.D.		
50) Methyl Methacrylate	12.01	100	3347	0.413 ng	#	1
51) n-Heptane	12.00	71	12118	0.614 ng	#	59
52) cis-1,3-Dichloropropene	0.00	75	0	N.D.		
53) 4-Methyl-2-pentanone	12.64	58	557	N.D.		
54) trans-1,3-Dichloropropene	0.00	75	0	N.D.		
55) 1,1,2-Trichloroethane	13.65	97	147968	8.471 ng	#	6
58) Toluene	13.76	91	150403	1.791 ng		100
59) 2-Hexanone	13.97	43	38321	0.564 ng		97
60) Dibromochloromethane	0.00	129	0	N.D.		
61) 1,2-Dibromoethane	0.00	107	0	N.D.		
62) Butyl Acetate	14.70	43	107232	1.565 ng	#	1
63) n-Octane	14.82	57	79271	3.217 ng		92
64) Tetrachloroethene	15.06	166	8421132	391.427 ng	#	98
65) Chlorobenzene	15.85	112	8040	0.150 ng	#	43
66) Ethylbenzene	16.24	91	47236	0.469 ng		100
67) m- & p-Xylene	16.45	91	135831	2.003 ng		97
68) Bromoform	0.00	173	0	N.D.		
69) Styrene	16.88	104	2290	N.D.		
70) o-Xylene	17.02	91	27971	0.385 ng		90
71) n-Nonane	17.23	43	47142	0.776 ng		94
72) 1,1,2,2-Tetrachloroethane	17.03	83	15058	0.526 ng	#	53
74) Cumene	17.71	105	654	N.D.		
75) alpha-Pinene	18.17	93	8728	0.174 ng	#	45
76) n-Propylbenzene	18.31	91	7754	0.067 ng	#	42
77) 3-Ethyltoluene	18.43	105	18187	0.183 ng		89
78) 4-Ethyltoluene	18.48	105	10121	0.110 ng		90
79) 1,3,5-Trimethylbenzene	18.56	105	8772	0.106 ng		86
80) alpha-Methylstyrene	0.00	118	0	N.D.		
81) 2-Ethyltoluene	18.80	105	6818	0.070 ng		71
82) 1,2,4-Trimethylbenzene	19.05	105	35439	0.428 ng		89
83) n-Decane	19.14	57	143117	2.238 ng		86
84) Benzyl Chloride	19.48	91	2446	N.D.		
85) 1,3-Dichlorobenzene	19.32	146	1545	N.D.		
86) 1,4-Dichlorobenzene	19.32	146	1545	N.D.		
87) sec-Butylbenzene	19.56	105	13635	0.132 ng	#	20
88) p-Isopropyltoluene	19.56	119	3080	N.D.		
89) 1,2,3-Trimethylbenzene	19.56	105	13635	0.168 ng		91
90) 1,2-Dichlorobenzene	0.00	146	0	N.D.		
91) d-Limonene	19.72	68	20930	0.648 ng		86
92) 1,2-Dibromo-3-Chloropr...	0.00	157	0	N.D.		
93) n-Undecane	20.63	57	70832	1.062 ng	#	63
94) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.		
95) Naphthalene	21.90	128	11725	0.118 ng		76
96) n-Dodecane	21.85	57	23903	0.376 ng		87
97) Hexachloro-1,3-butadiene	0.00	225	0	N.D.		

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

Quantitation Report (Qedit)

Data Path : J:\MS08\Data\2008_02\29\
 Data File : 02290812.D
 Acq On : 29 Feb 2008 18:39
 Operator : SC
 Sample : P0800448-006 (250ml)
 Misc : Walden SV-3 (0.0,3.6)
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Mar 03 08:51:31 2008
 Quant Method : J:\MS08\Methods\R8022108.M
 Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 QLast Update : Fri Feb 22 09:32:02 2008
 Response via : Initial Calibration



(2) Propene (T)

4.590min (-0.033) 25.73ng

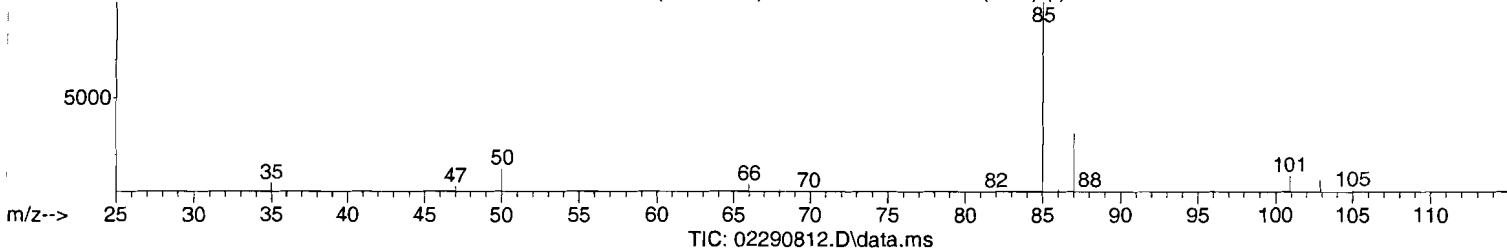
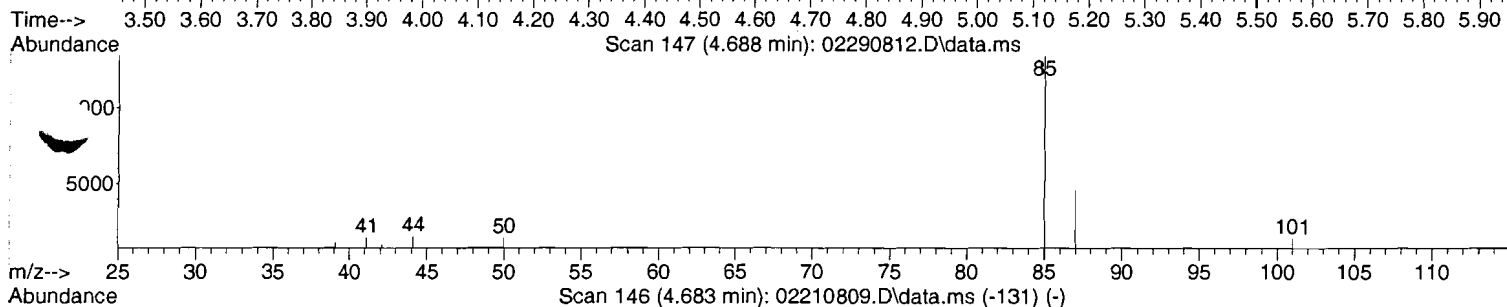
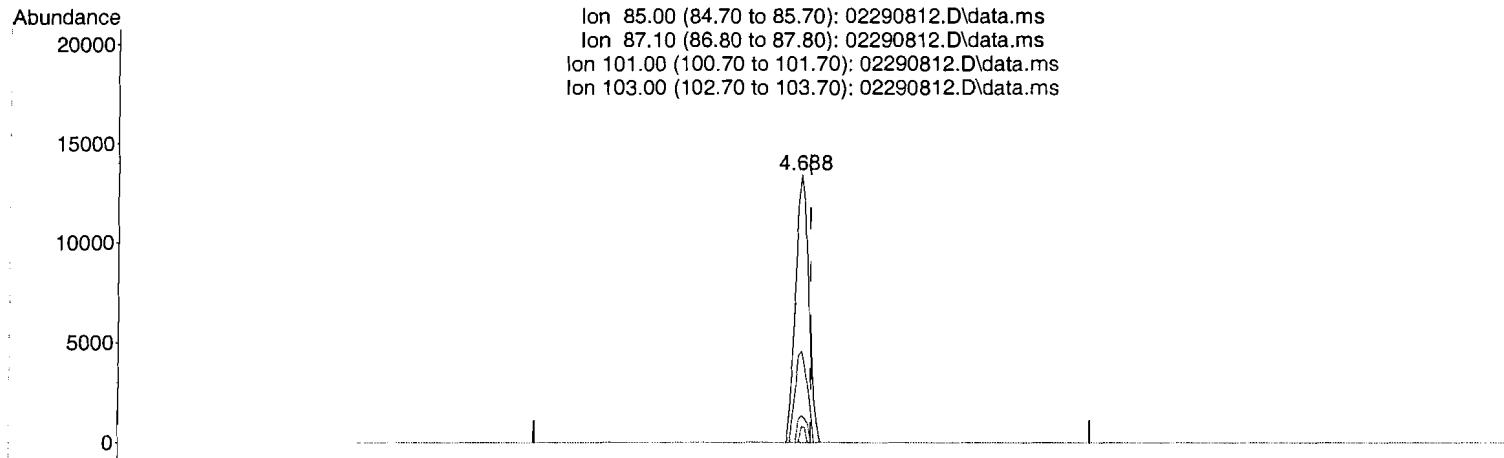
response 717457

Ion	Exp%	Act%
42.10	100	100
39.10	104.00	109.84
41.10	148.40	152.96
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : J:\MS08\Data\2008_02\29\
 Data File : 02290812.D
 Acq On : 29 Feb 2008 18:39
 Operator : SC
 Sample : P0800448-006 (250ml)
 sc : Walden SV-3 (0.0,3.6)
 Vial : 11 Sample Multiplier: 1

Quant Time: Mar 03 08:51:31 2008
 Quant Method : J:\MS08\Methods\R8022108.M
 Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 QLast Update : Fri Feb 22 09:32:02 2008
 Response via : Initial Calibration



(3) Dichlorodifluoromethane (T)

4.688min (-0.016) 0.51ng

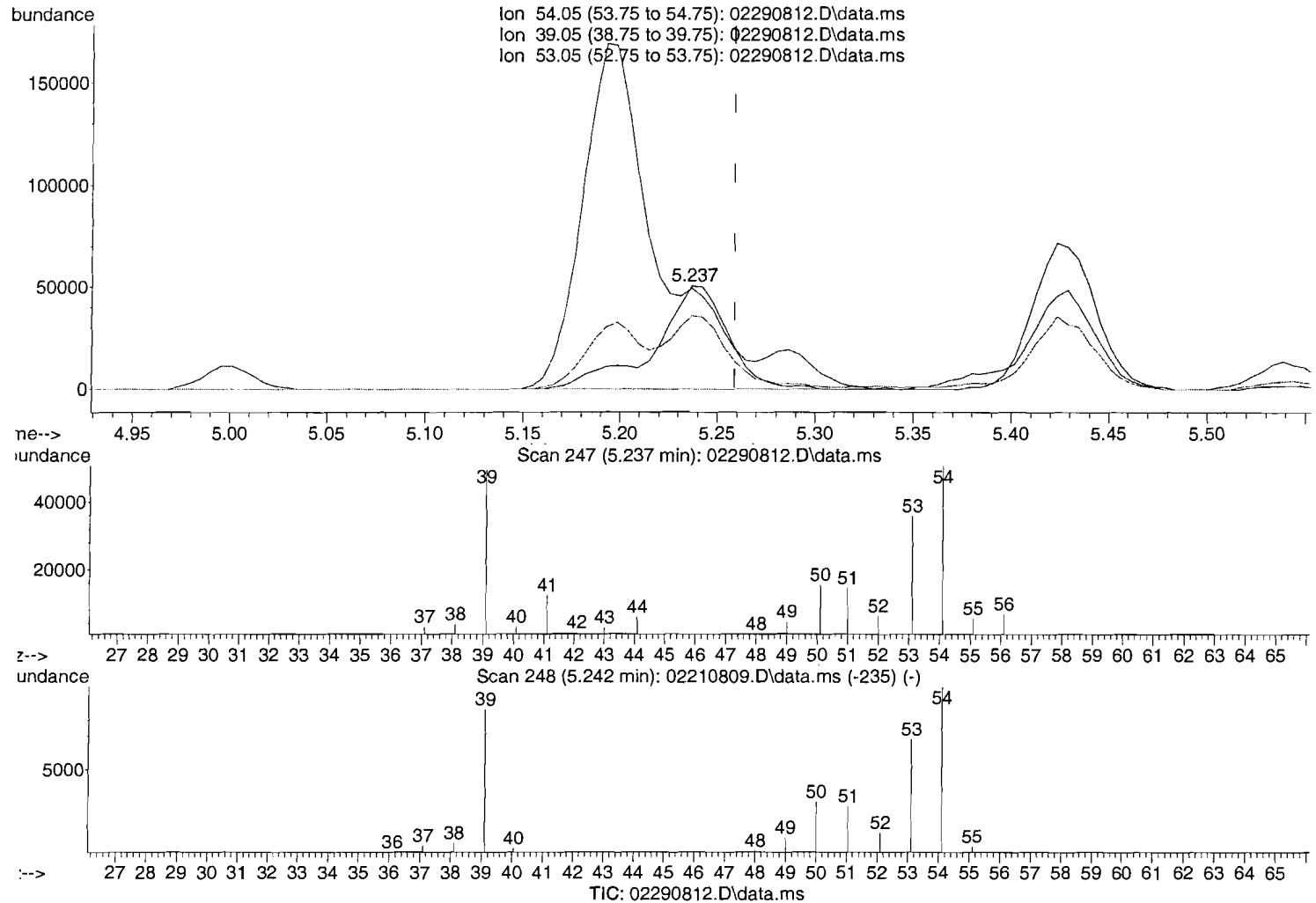
response 22099

Ion	Exp%	Act%
85.00	100	100
87.10	32.60	31.35
101.00	8.50	7.04
103.00	5.60	2.37

Quantitation Report (Qedit)

Data Path : J:\MS08\Data\2008_02\29\
 Data File : 02290812.D
 Acq On : 29 Feb 2008 18:39
 Operator : SC
 Sample : P0800448-006 (250ml)
 Misc : Walden SV-3 (0.0,3.6)
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Mar 03 09:51:31 2008
 Quant Method : J:\MS08\Methods\R8022108.M
 Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 QLast Update : Fri Feb 22 09:32:02 2008
 Response via : Initial Calibration



(7) 1,3-Butadiene (T)

5.237min (-0.022) 3.91ng

response 130760

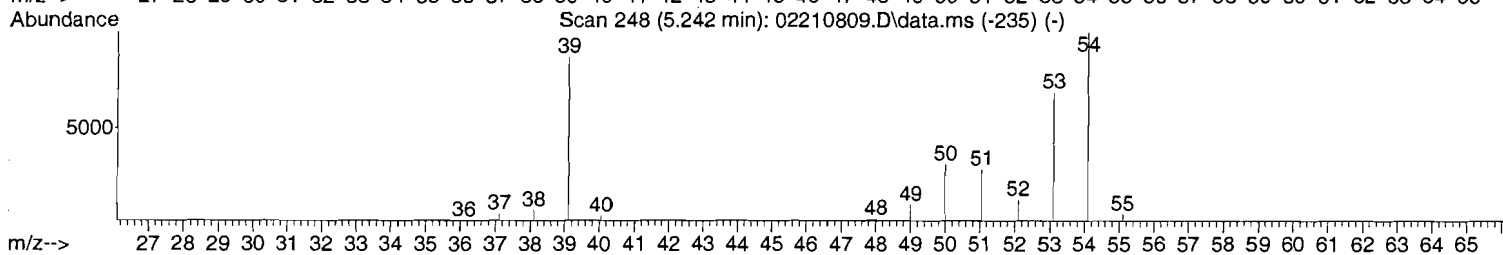
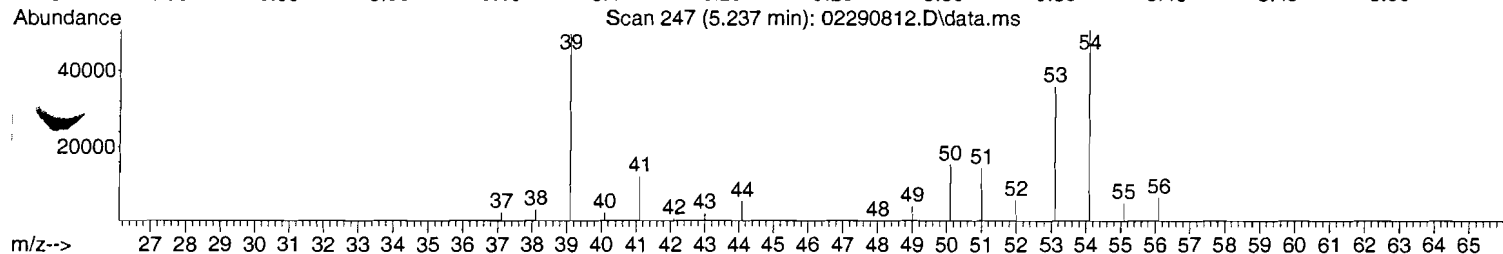
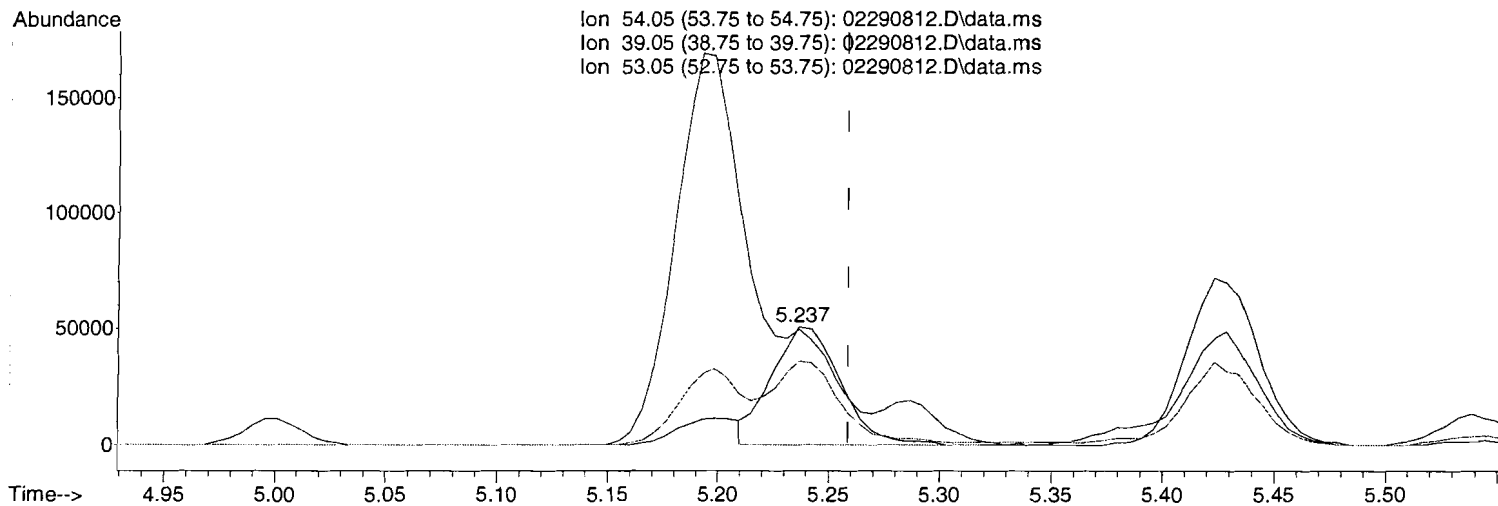
Ion	Exp%	Act%
54.05	100	100
39.05	109.50	0.00#
53.05	68.30	58.04
0.00	0.00	0.00

Shoulder

Quantitation Report (Qedit)

Data Path : J:\MS08\Data\2008_02\29\
 Data File : 02290812.D
 Acq On : 29 Feb 2008 18:39
 Operator : SC
 Sample : P0800448-006 (250ml)
 sc : Walden SV-3 (0.0,3.6)
 LS Vial : 11 Sample Multiplier: 1

Quant Time: Mar 03 09:51:31 2008
 Quant Method : J:\MS08\Methods\R8022108.M
 Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 QLast Update : Fri Feb 22 09:32:02 2008
 Response via : Initial Calibration



(7) 1,3-Butadiene (T)

5.237min (-0.022) 3.25ng m

response 108707

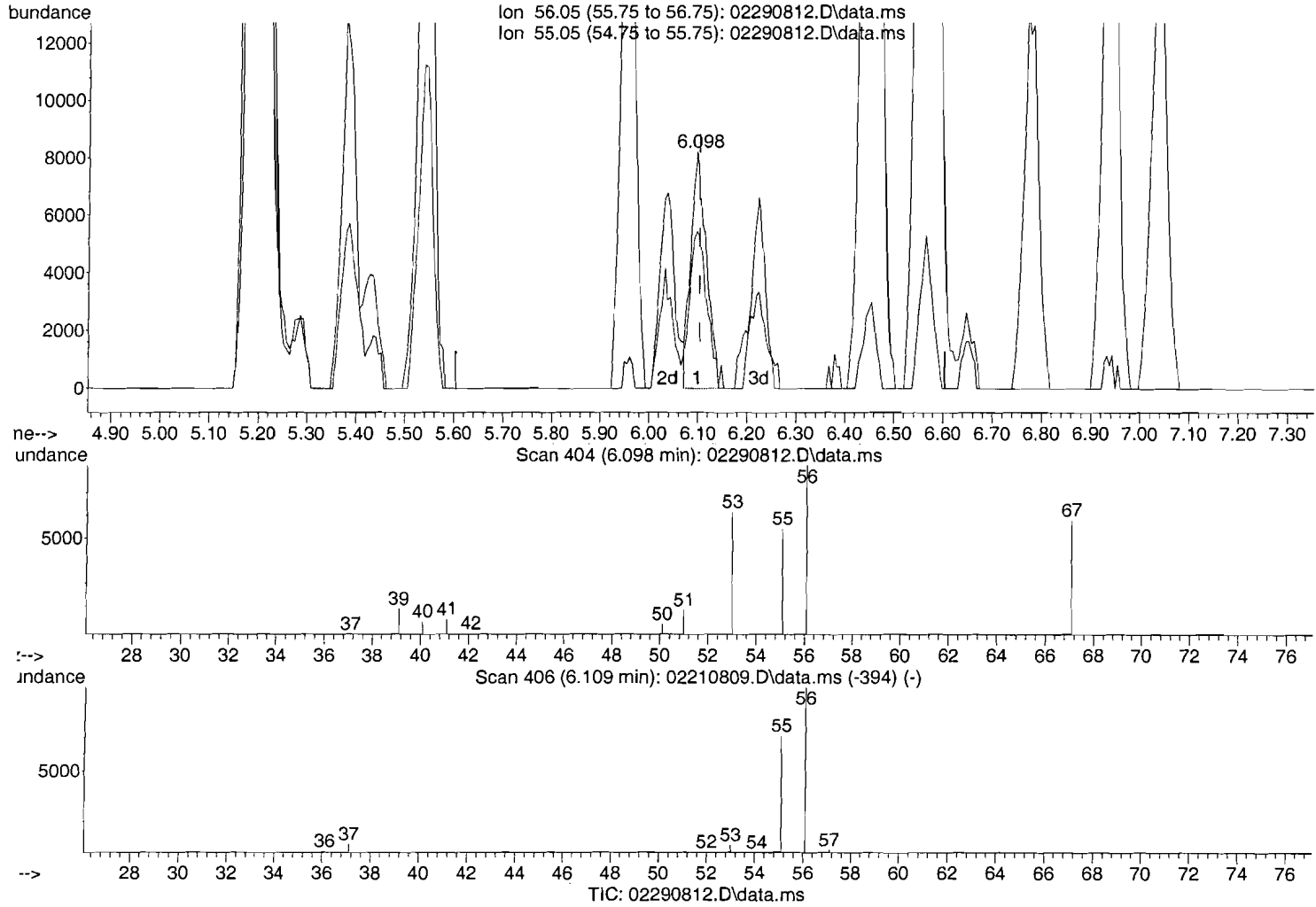
Ion	Exp%	Act%
54.05	100	100
39.05	109.50	0.00#
53.05	68.30	69.82
0.00	0.00	0.00

W/O Shoulder peak
Σ 3/10/08
W3/10/08

Quantitation Report (Qedit)

Data Path : J:\MS08\Data\2008_02\29\
 Data File : 02290812.D
 Acq On : 29 Feb 2008 18:39
 Operator : SC
 Sample : P0800448-006 (250ml)
 Misc : Walden SV-3 (0.0,3.6)
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Mar 03 08:51:31 2008
 Quant Method : J:\MS08\Methods\R8022108.M
 Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 QLast Update : Fri Feb 22 09:32:02 2008
 Response via : Initial Calibration



(12) Acrolein (T)

6.098min (-0.005) 1.24ng

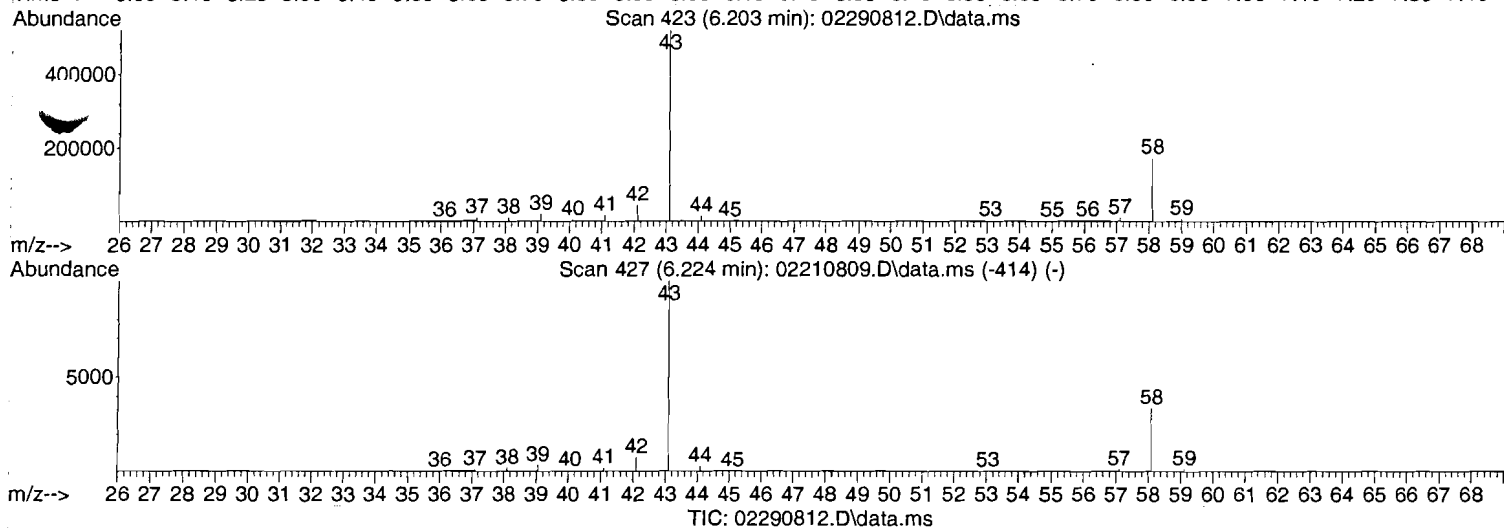
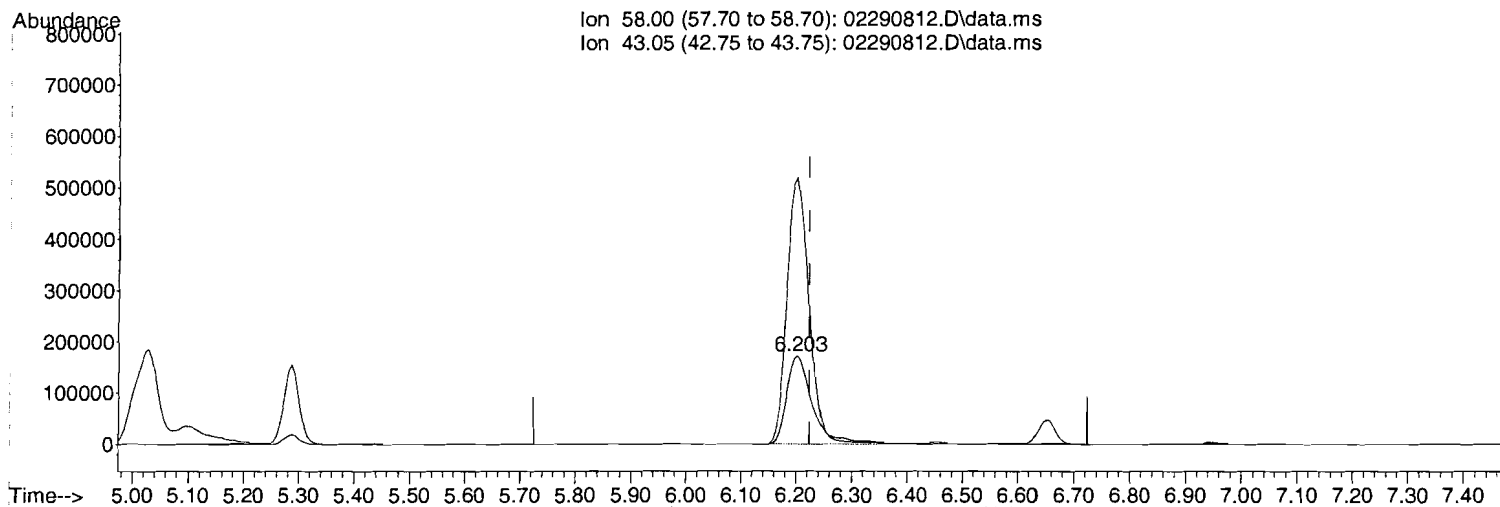
response 18261

Ion	Exp%	Act%
56.05	100	100
55.05	70.40	73.71
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : J:\MS08\Data\2008_02\29\
 Data File : 02290812.D
 Acq On : 29 Feb 2008 18:39
 Operator : SC
 Sample : P0800448-006 (250ml)
 sc : Walden SV-3 (0.0,3.6)
 S Vial : 11 Sample Multiplier: 1

Quant Time: Mar 03 08:51:31 2008
 Quant Method : J:\MS08\Methods\R8022108.M
 Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 QLast Update : Fri Feb 22 09:32:02 2008
 Response via : Initial Calibration



(13) Acetone (T)

6.203min (-0.021) 25.13ng

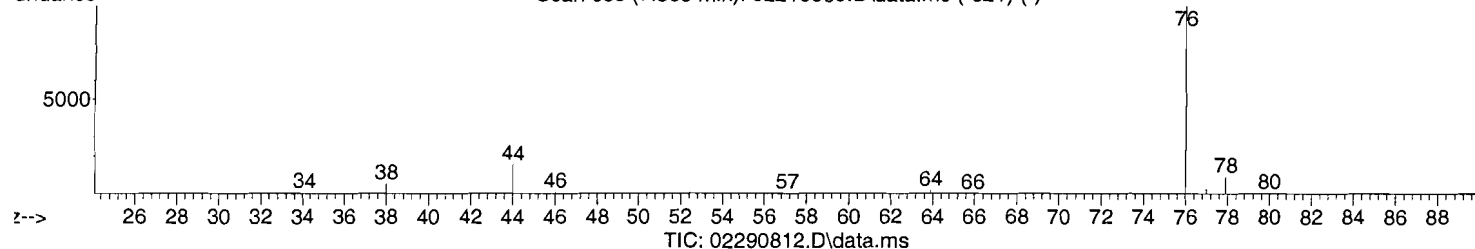
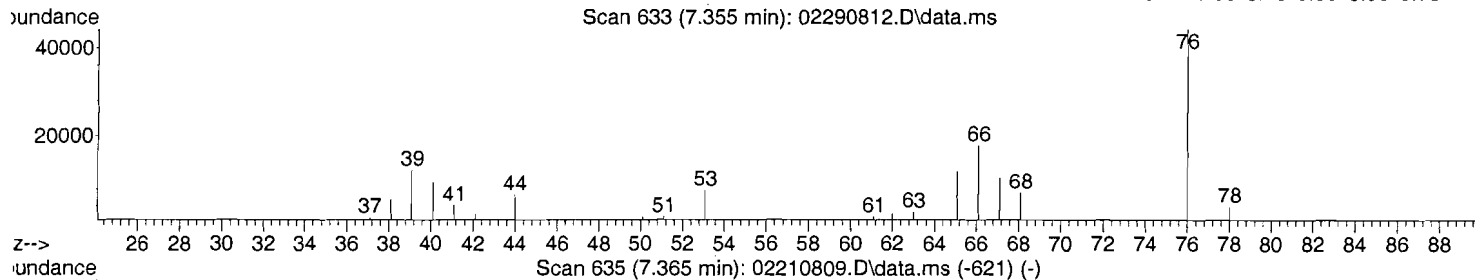
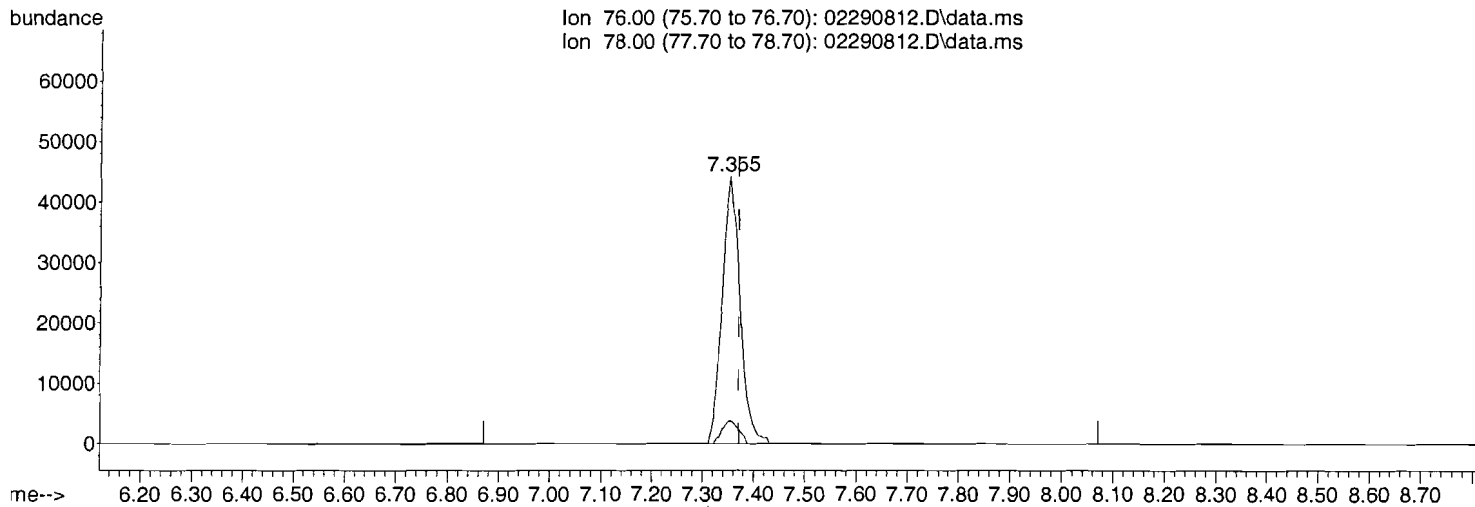
response 563204

Ion	Exp%	Act%
58.00	100	100
43.05	293.20	257.01#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : J:\MS08\Data\2008_02\29\
 Data File : 02290812.D
 Acq On : 29 Feb 2008 18:39
 Operator : SC
 Sample : P0800448-006 (250ml)
 Misc : Walden SV-3 (0.0,3.6)
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Mar 03 08:51:31 2008
 Quant Method : J:\MS08\Methods\R8022108.M
 Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 QLast Update : Fri Feb 22 09:32:02 2008
 Response via : Initial Calibration



(22) Carbon Disulfide (T)

7.355min (-0.016) 1.26ng

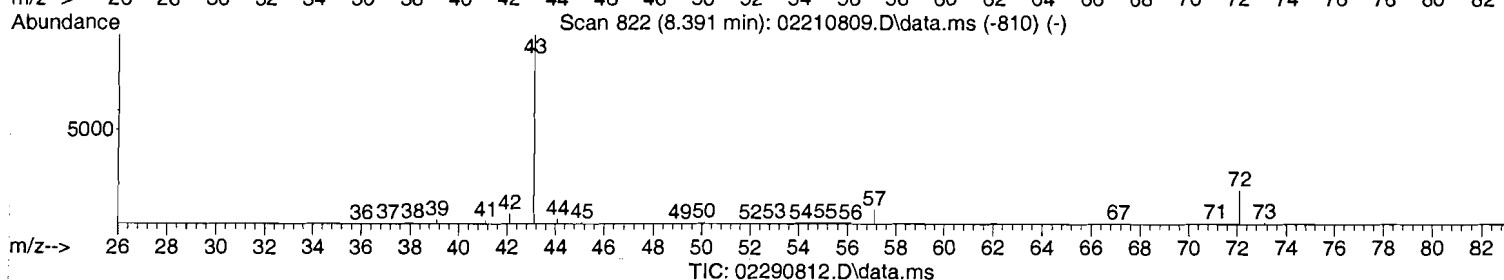
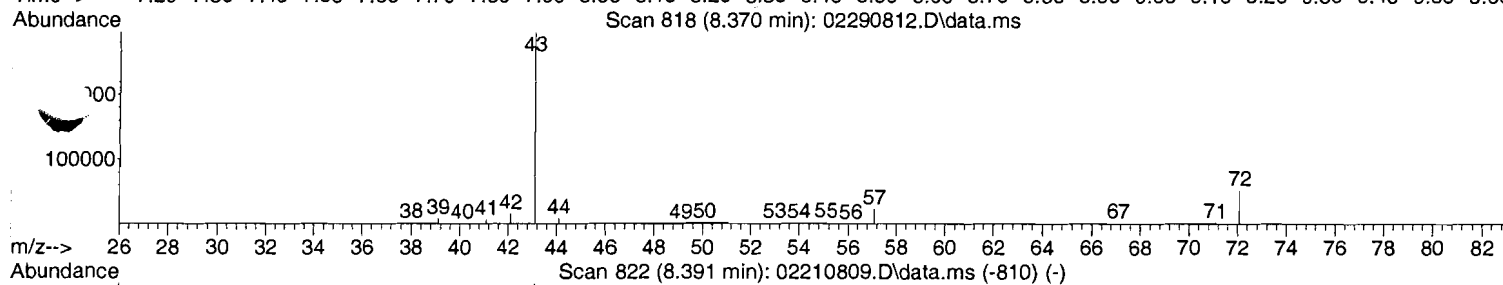
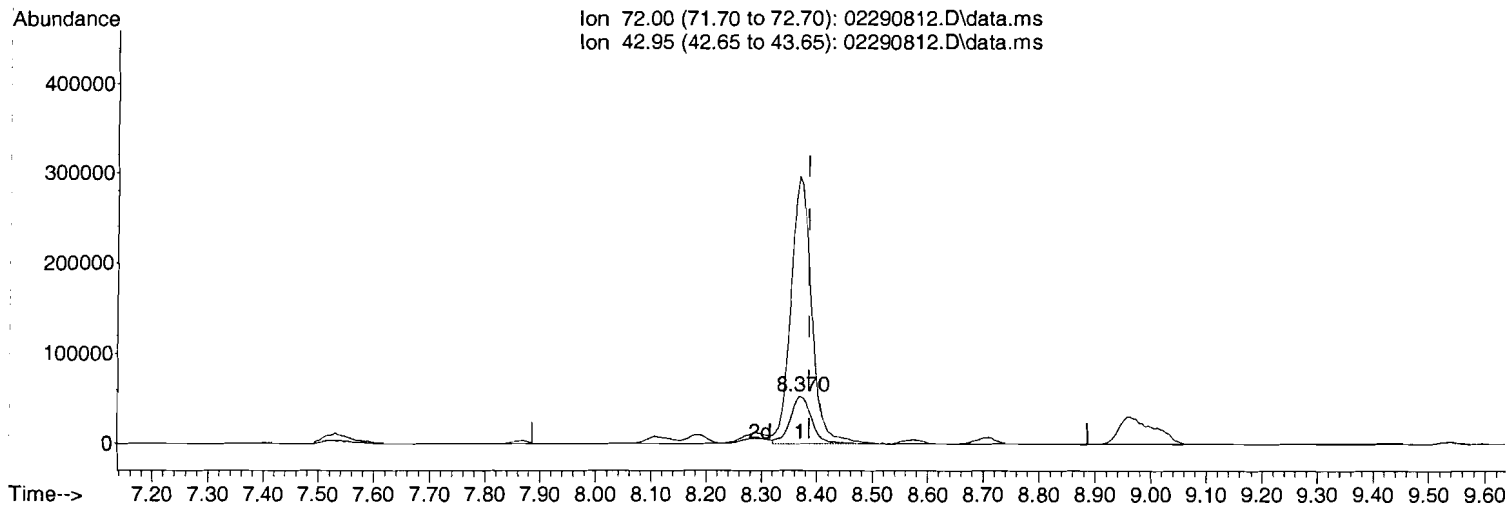
response 107885

Ion	Exp%	Act%
76.00	100	100
78.00	9.10	8.03
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : J:\MS08\Data\2008_02\29\
 Data File : 02290812.D
 Acq On : 29 Feb 2008 18:39
 Operator : SC
 Sample : P0800448-006 (250ml)
 sc : Walden SV-3 (0.0,3.6)
 Vial : 11 Sample Multiplier: 1

Quant Time: Mar 03 08:51:31 2008
 Quant Method : J:\MS08\Methods\R8022108.M
 Quant Title : EPA TO-15 per SOP VOA-T015 (CASS TO-15/GC-MS)
 QLast Update : Fri Feb 22 09:32:02 2008
 Response via : Initial Calibration



(27) 2-Butanone (T)

8.370min (-0.016) 11.51ng

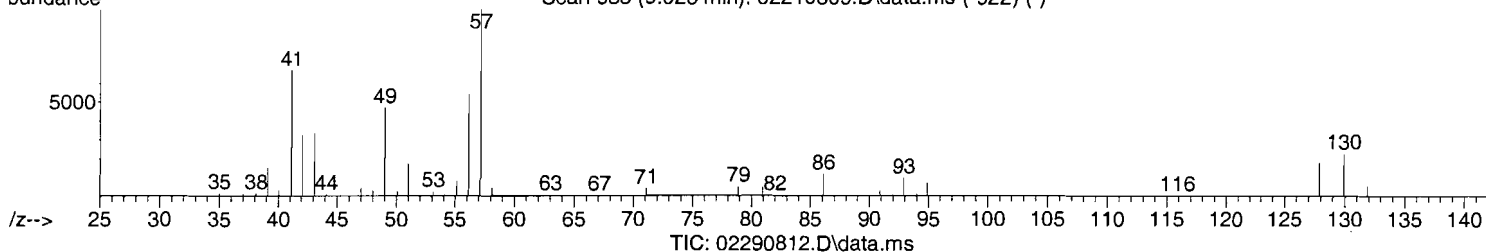
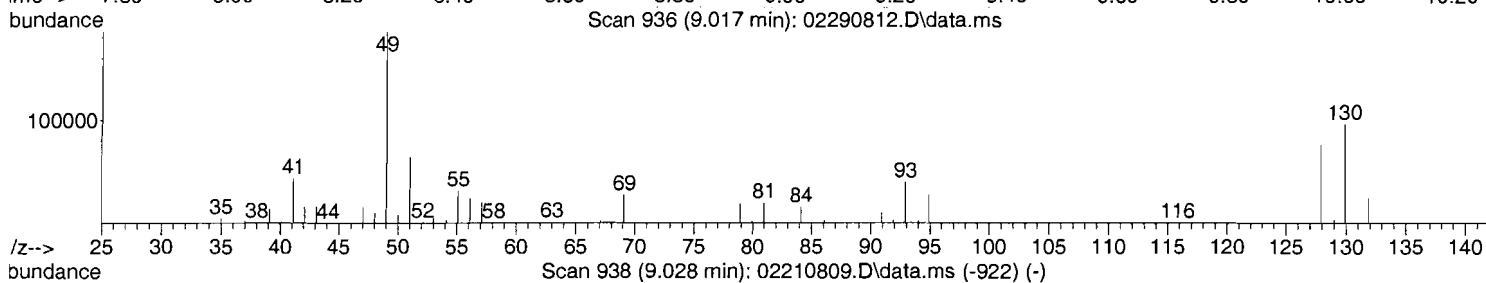
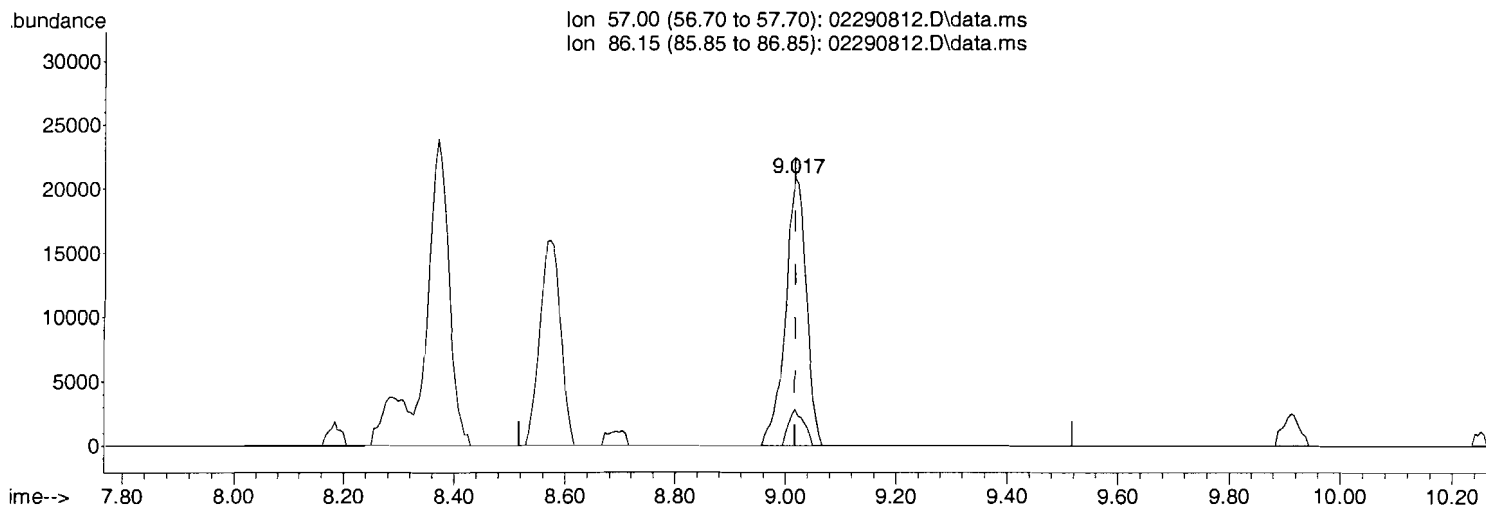
response 142163

Ion	Exp%	Act%
72.00	100	100
42.95	401.50	541.87#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : J:\MS08\Data\2008_02\29\
 Data File : 02290812.D
 Acq On : 29 Feb 2008 18:39
 Operator : SC
 Sample : P0800448-006 (250ml)
 Misc : Walden SV-3 (0.0,3.6)
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Mar 03 08:51:31 2008
 Quant Method : J:\MS08\Methods\R8022108.M
 Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 QLast Update : Fri Feb 22 09:32:02 2008
 Response via : Initial Calibration



(31) n-Hexane (T)

9.017min (+0.000) 1.15ng

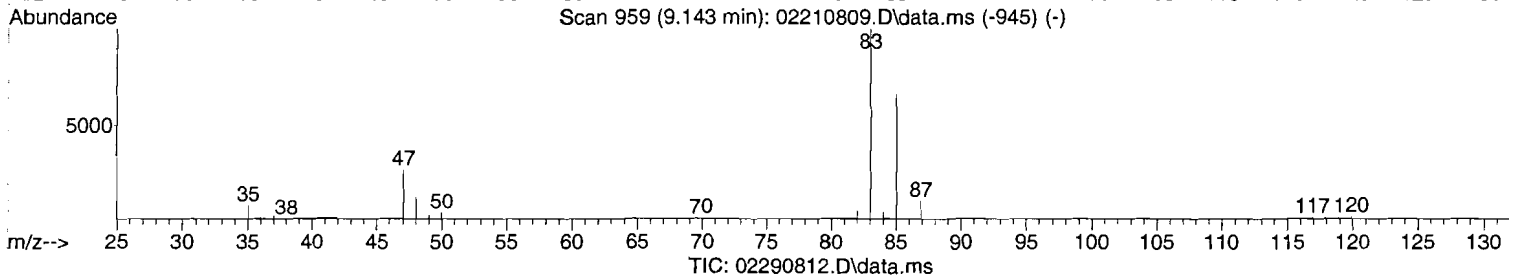
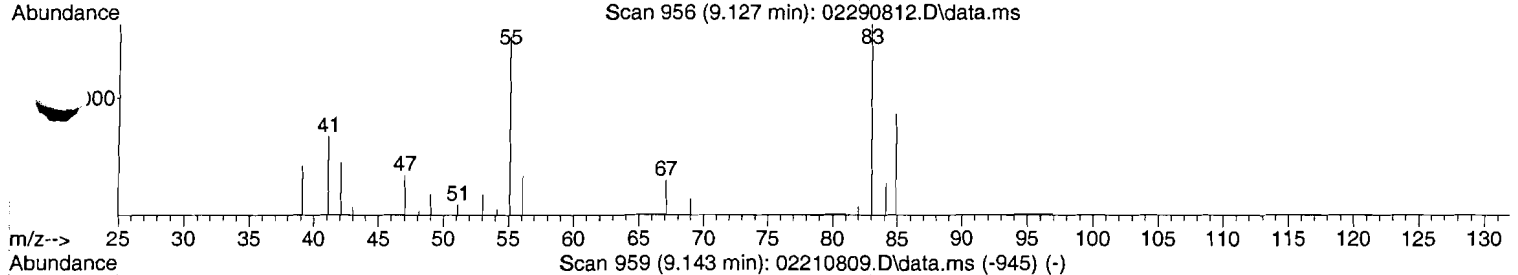
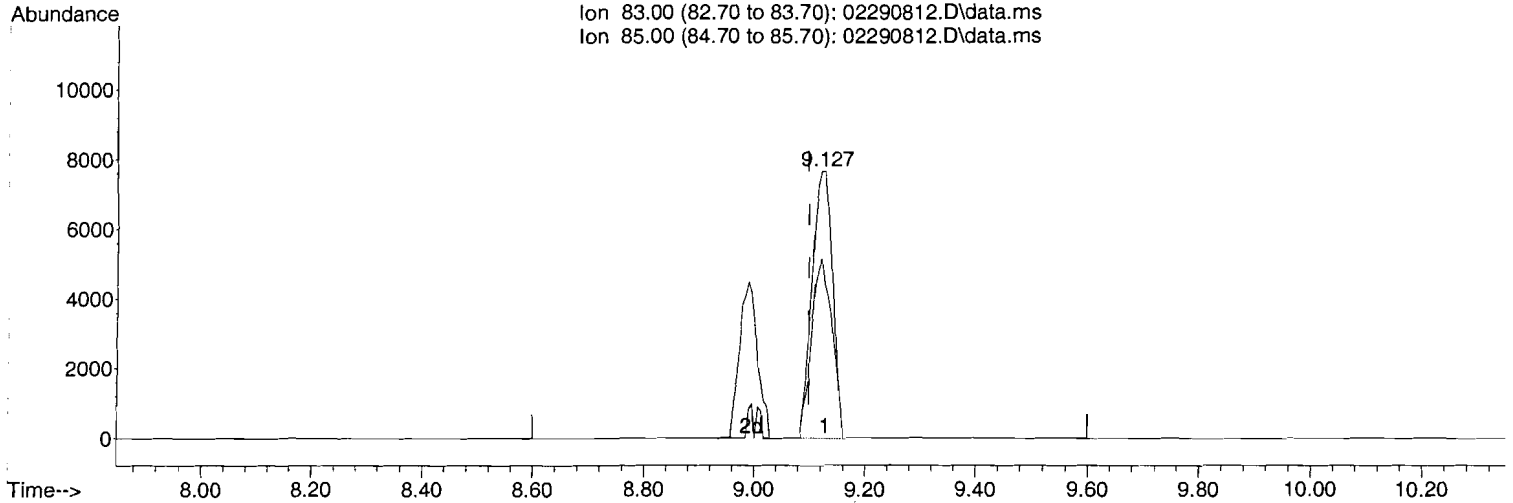
response 54590

Ion	Exp%	Act%
57.00	100	100
86.15	15.10	9.92
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : J:\MS08\Data\2008_02\29\
 Data File : 02290812.D
 Acq On : 29 Feb 2008 18:39
 Operator : SC
 Sample : P0800448-006 (250ml)
 .sc : Walden SV-3 (0.0,3.6)
 Vial : 11 Sample Multiplier: 1

Quant Time: Mar 03 08:51:31 2008
 Quant Method : J:\MS08\Methods\R8022108.M
 Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 QLast Update : Fri Feb 22 09:32:02 2008
 Response via : Initial Calibration



(32) Chloroform (T)

9.127min (+0.028) 0.71ng

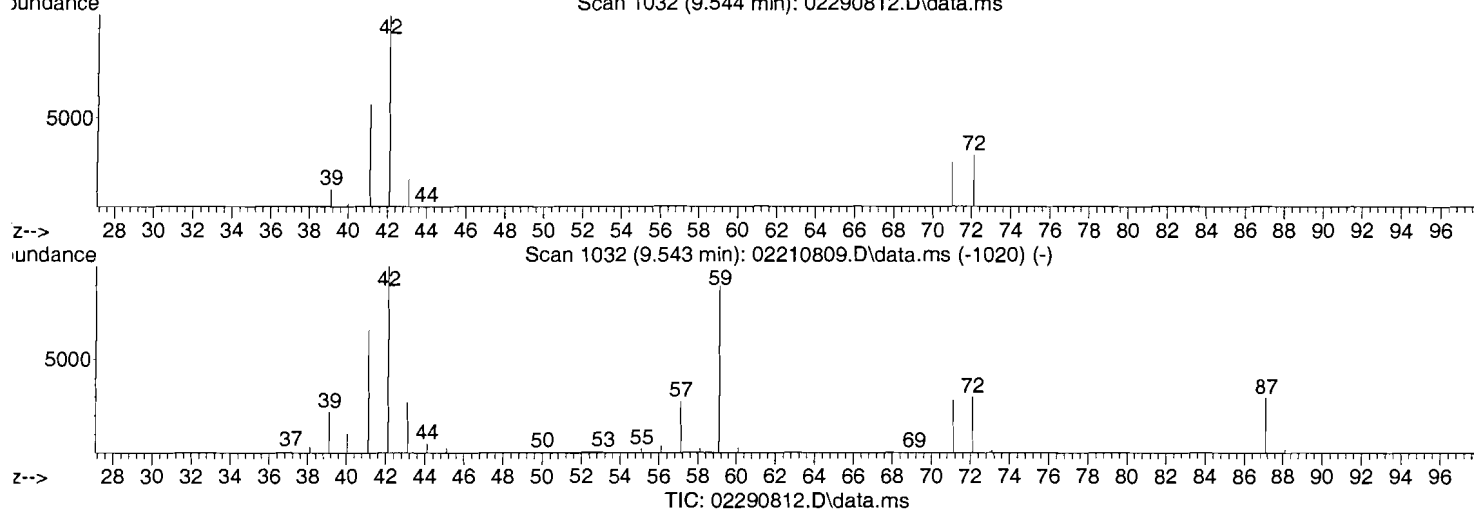
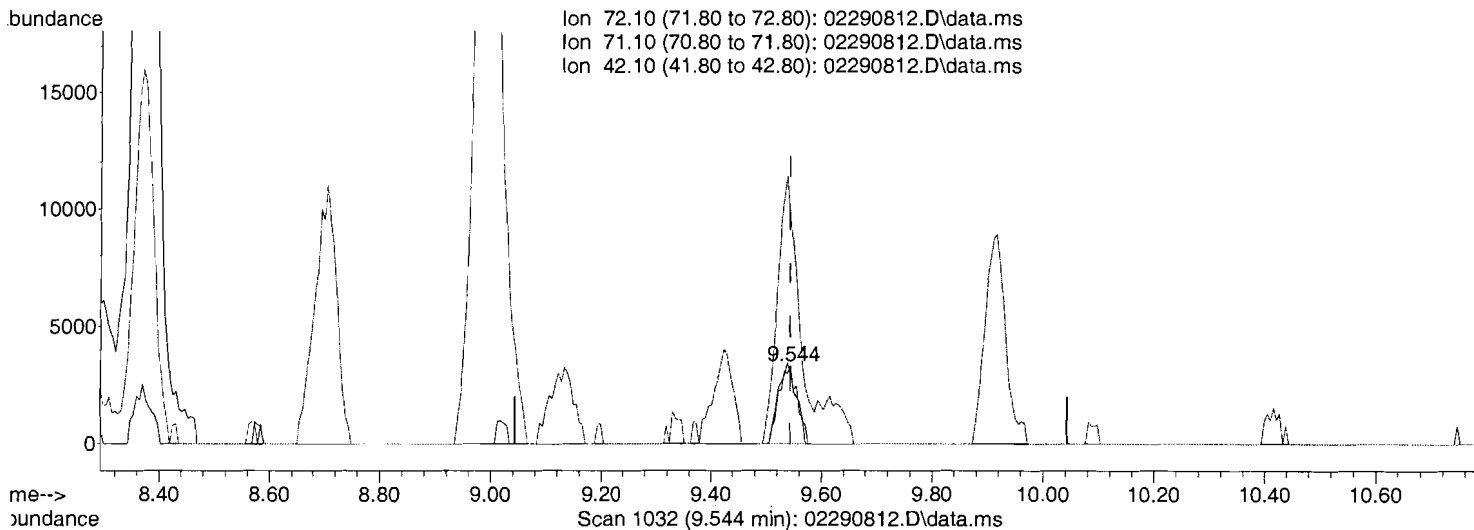
response 19292

Ion	Exp%	Act%
83.00	100	100
85.00	65.10	67.17
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : J:\MS08\Data\2008_02\29\
 Data File : 02290812.D
 Acq On : 29 Feb 2008 18:39
 Operator : SC
 Sample : P0800448-006 (250ml)
 Misc : Walden SV-3 (0.0,3.6)
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Mar 03 08:51:31 2008
 Quant Method : J:\MS08\Methods\R8022108.M
 Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 QLast Update : Fri Feb 22 09:32:02 2008
 Response via : Initial Calibration



(34) Tetrahydrofuran (T)

9.544min (+0.001) 0.65ng

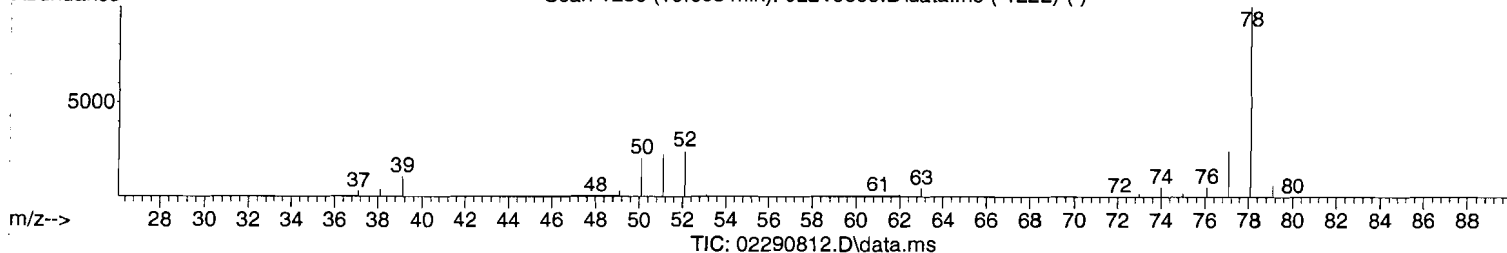
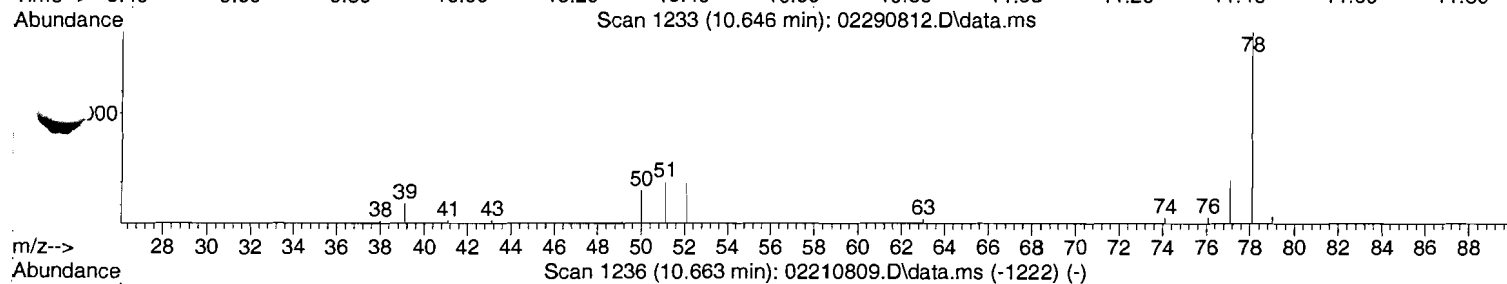
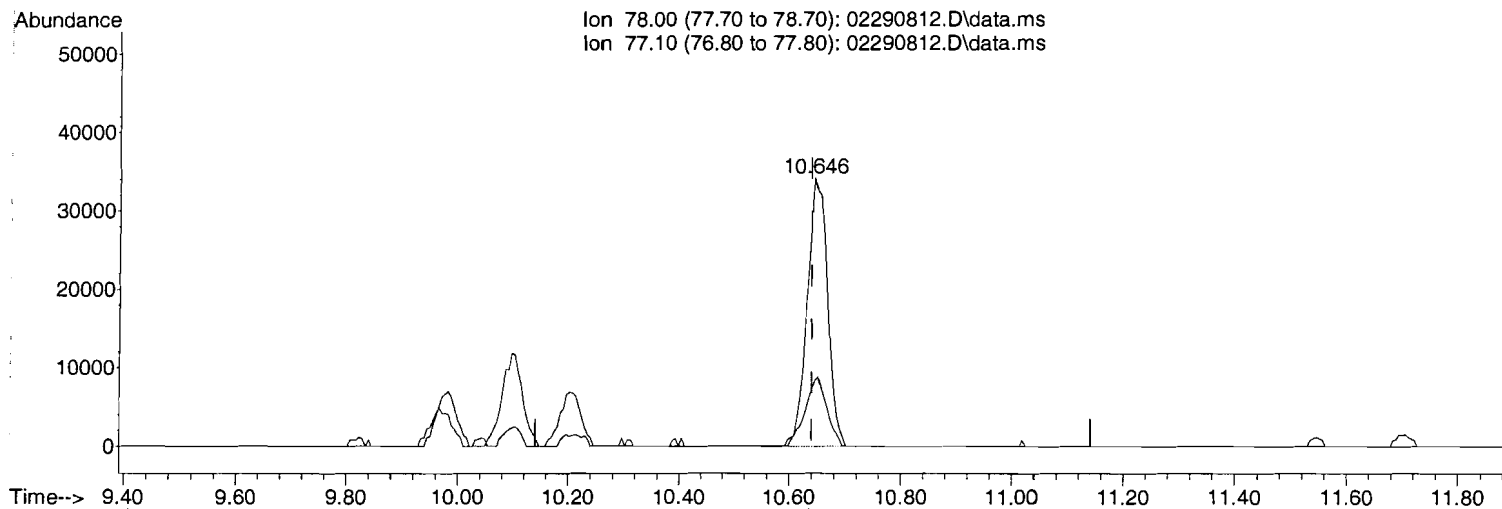
response 7780

Ion	Exp%	Act%
72.10	100	100
71.10	95.40	101.41
42.10	240.50	457.51#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : J:\MS08\Data\2008_02\29\
 Data File : 02290812.D
 Acq On : 29 Feb 2008 18:39
 Operator : SC
 Sample : P0800448-006 (250ml)
 sc : Walden SV-3 (0.0,3.6)
 S Vial : 11 Sample Multiplier: 1

Quant Time: Mar 03 08:51:31 2008
 Quant Method : J:\MS08\Methods\R8022108.M
 Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 QLast Update : Fri Feb 22 09:32:02 2008
 Response via : Initial Calibration



(41) Benzene (T)

10.646min (+0.006) 1.12ng

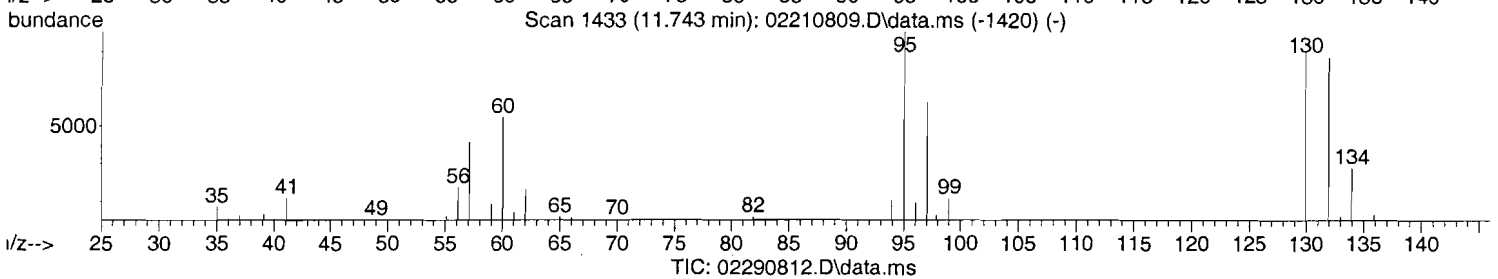
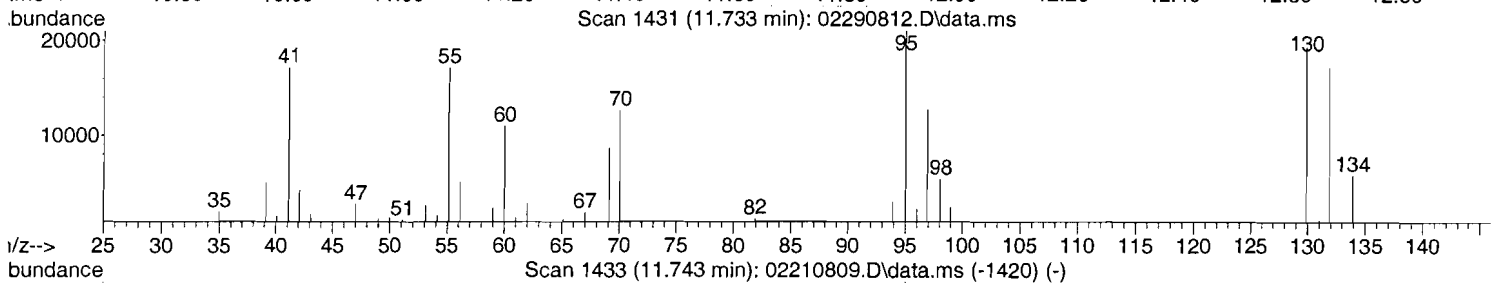
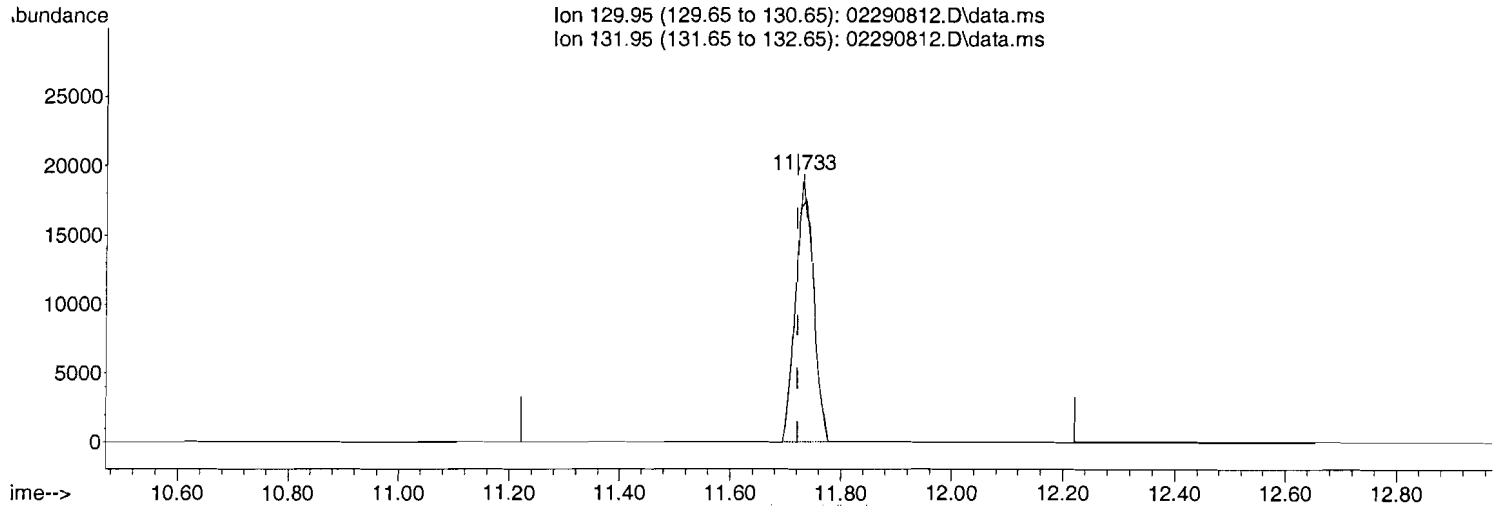
response 84281

Ion	Exp%	Act%
78.00	100	100
77.10	23.90	28.13
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : J:\MS08\Data\2008_02\29\
 Data File : 02290812.D
 Acq On : 29 Feb 2008 18:39
 Operator : SC
 Sample : P0800448-006 (250ml)
 Misc : Walden SV-3 (0.0,3.6)
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Mar 03 08:51:31 2008
 Quant Method : J:\MS08\Methods\R8022108.M
 Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 QLast Update : Fri Feb 22 09:32:02 2008
 Response via : Initial Calibration



(47) Trichloroethene (T)

11.733min (+0.011) 2.48ng

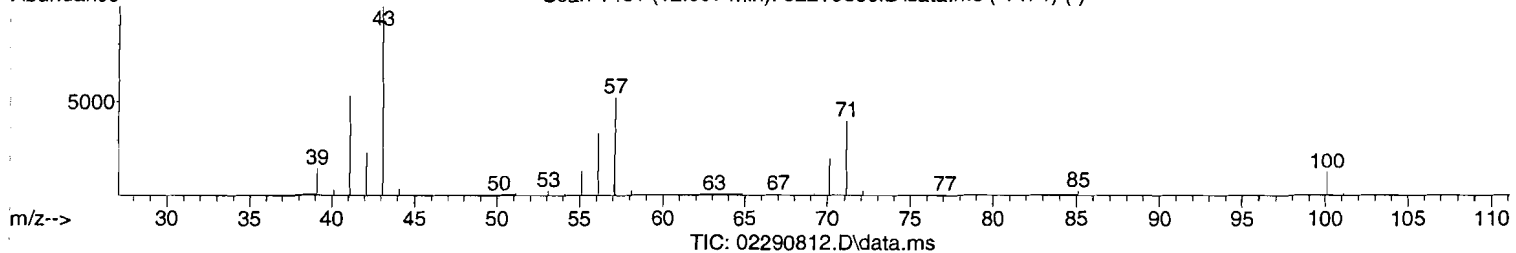
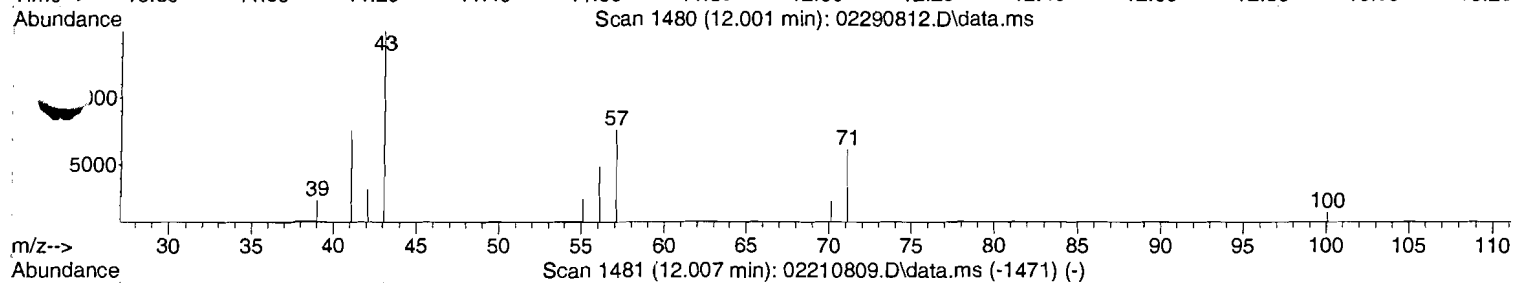
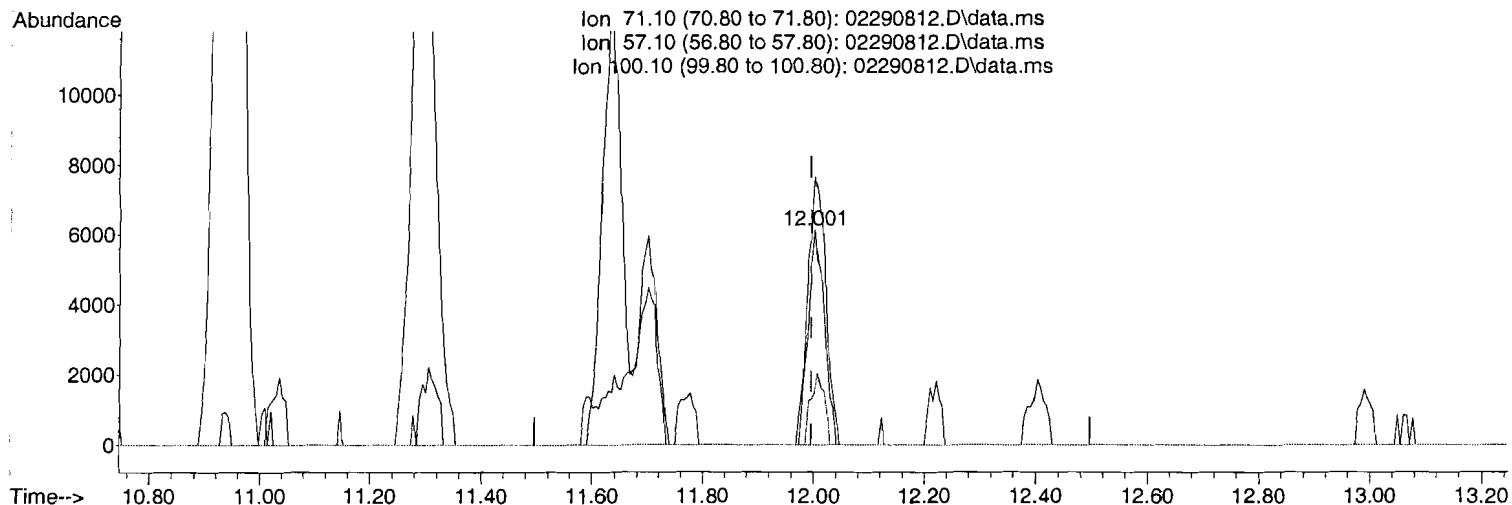
response 42534

Ion	Exp%	Act%
129.95	100	100
131.95	94.70	97.92
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : J:\MS08\Data\2008_02\29\
 Data File : 02290812.D
 Acq On : 29 Feb 2008 18:39
 Operator : SC
 Sample : P0800448-006 (250ml)
 SC : Walden SV-3 (0.0,3.6)
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Mar 03 08:51:31 2008
 Quant Method : J:\MS08\Methods\R8022108.M
 Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 QLast Update : Fri Feb 22 09:32:02 2008
 Response via : Initial Calibration



(51) n-Heptane (T)

12.001min (+0.006) 0.61ng

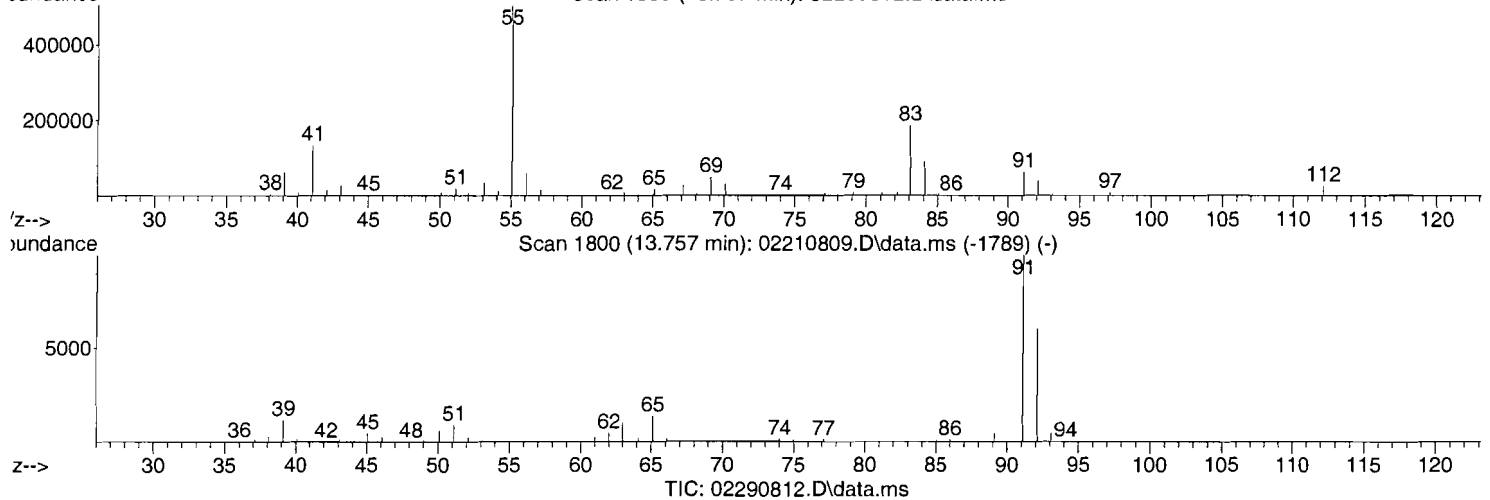
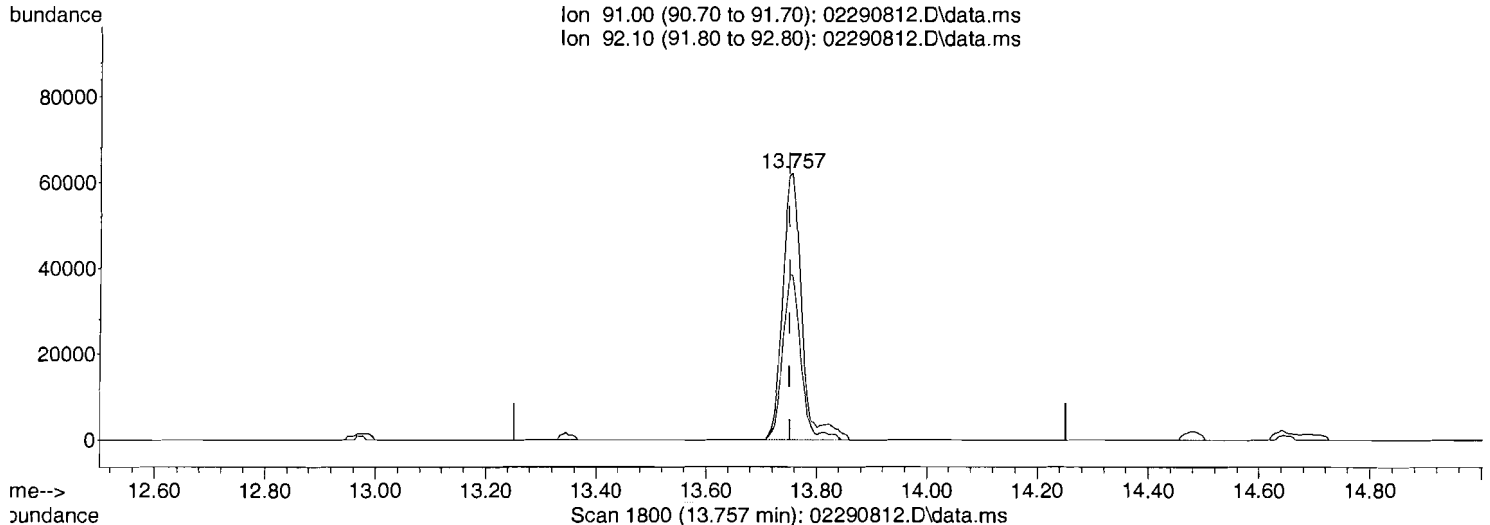
response 12118

Ion	Exp%	Act%
71.10	100	100
57.10	90.30	139.49#
100.10	26.30	27.62
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : J:\MS08\Data\2008_02\29\
 Data File : 02290812.D
 Acq On : 29 Feb 2008 18:39
 Operator : SC
 Sample : P0800448-006 (250ml)
 Misc : Walden SV-3 (0.0,3.6)
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Mar 03 08:51:31 2008
 Quant Method : J:\MS08\Methods\R8022108.M
 Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 QLast Update : Fri Feb 22 09:32:02 2008
 Response via : Initial Calibration



(58) Toluene (T)

13.757min (+0.006) 1.79ng

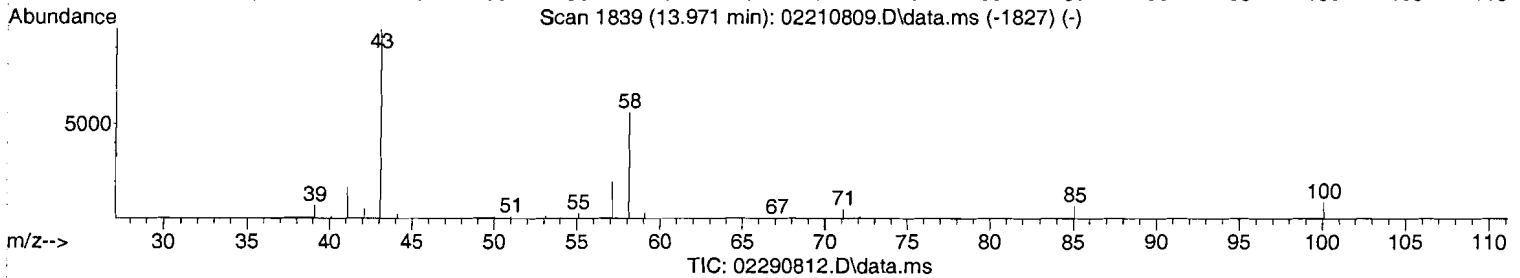
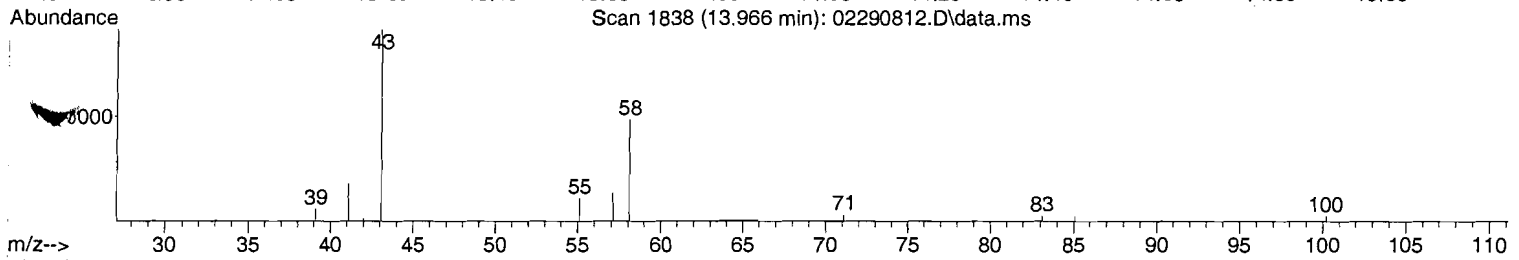
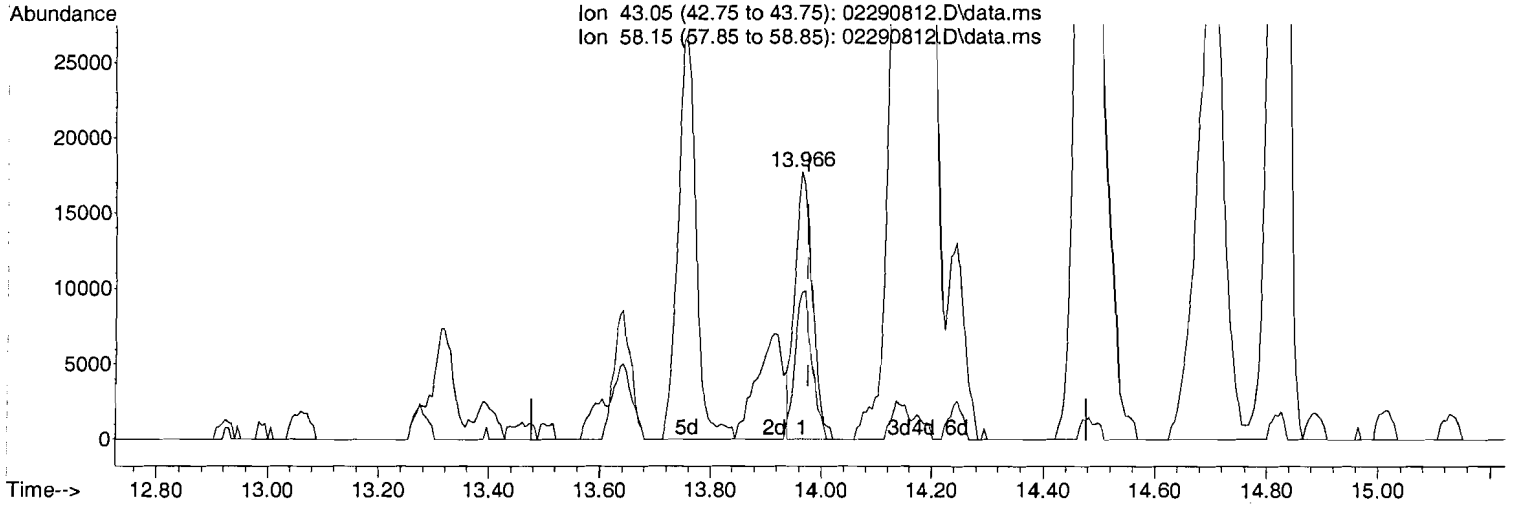
response 150403

Ion	Exp%	Act%
91.00	100	100
92.10	59.00	58.99
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : J:\MS08\Data\2008_02\29\
 Data File : 02290812.D
 Acq On : 29 Feb 2008 18:39
 Operator : SC
 Sample : P0800448-006 (250ml)
 .sc : Walden SV-3 (0.0,3.6)
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Mar 03 08:51:31 2008
 Quant Method : J:\MS08\Methods\R8022108.M
 Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 QLast Update : Fri Feb 22 09:32:02 2008
 Response via : Initial Calibration



(59) 2-Hexanone (T)

13.966min (-0.011) 0.56ng

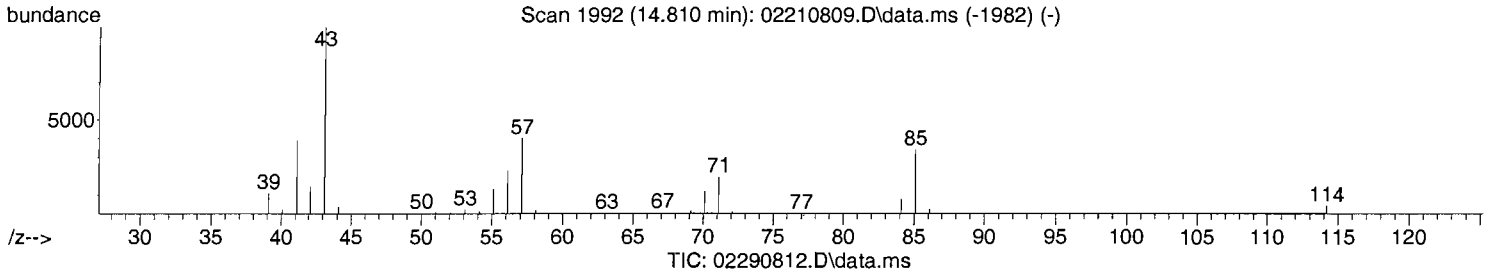
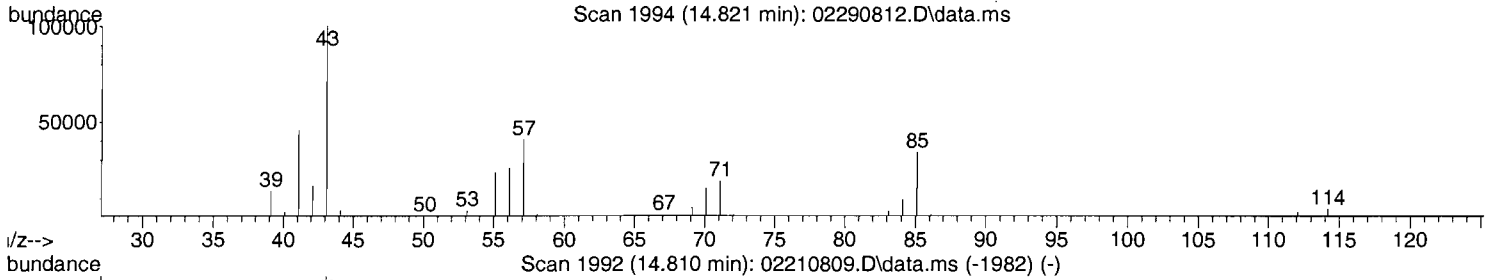
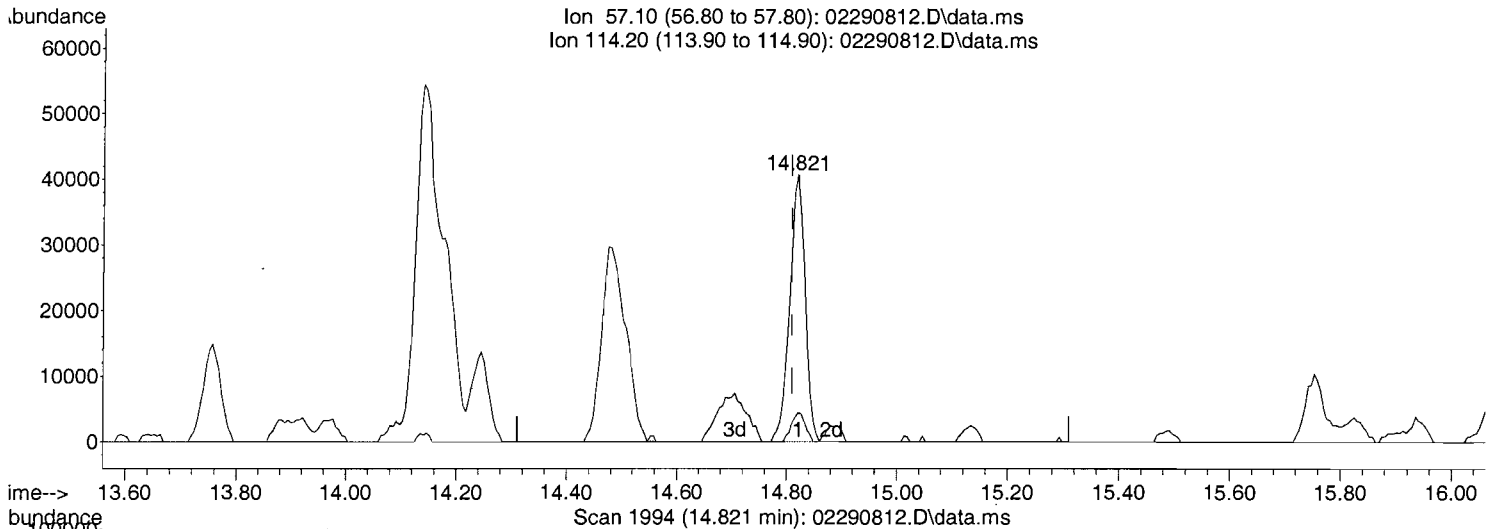
response 38321

Ion	Exp%	Act%
43.05	100	100
58.15	56.20	53.79
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : J:\MS08\Data\2008_02\29\
 Data File : 02290812.D
 Acq On : 29 Feb 2008 18:39
 Operator : SC
 Sample : P0800448-006 (250ml)
 Misc : Walden SV-3 (0.0,3.6)
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Mar 03 08:51:31 2008
 Quant Method : J:\MS08\Methods\R8022108.M
 Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 QLast Update : Fri Feb 22 09:32:02 2008
 Response via : Initial Calibration



(63) n-Octane (T)

14.821min (+0.011) 3.22ng

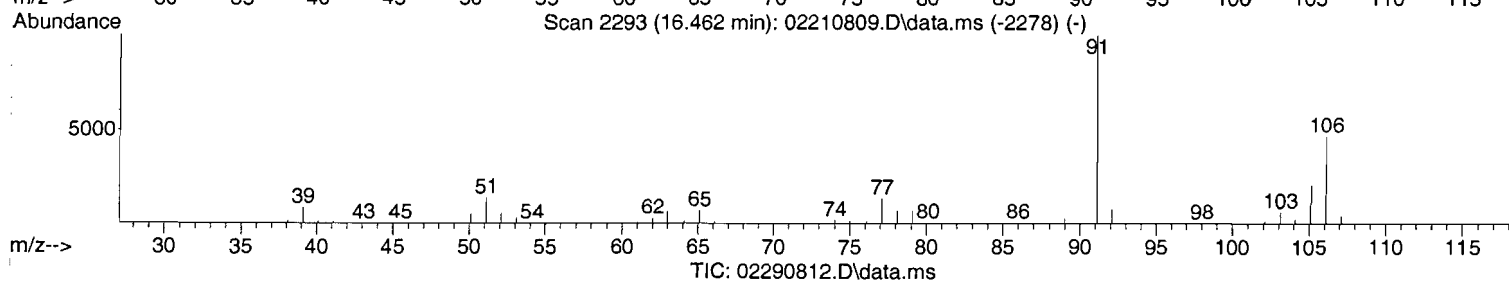
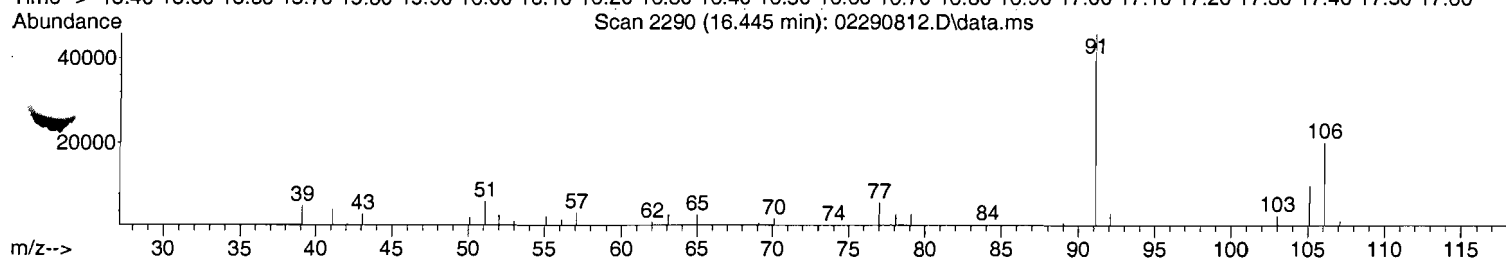
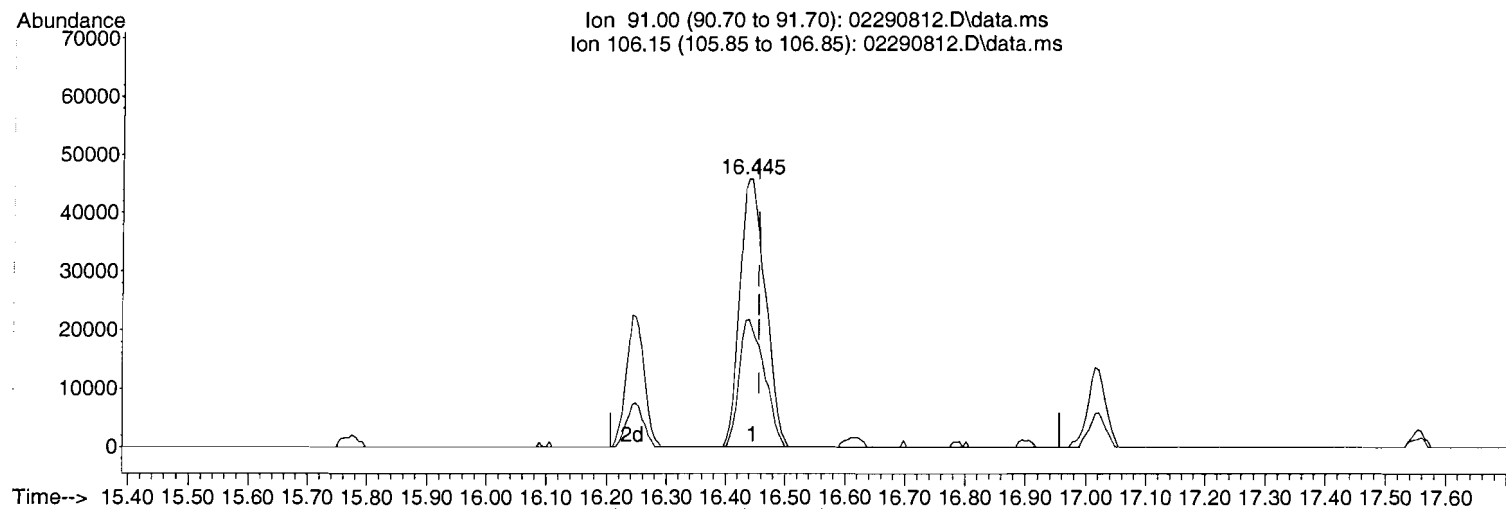
response 79271

Ion	Exp%	Act%
57.10	100	100
114.20	12.90	9.80
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : J:\MS08\Data\2008_02\29\
 Data File : 02290812.D
 Acq On : 29 Feb 2008 18:39
 Operator : SC
 Sample : P0800448-006 (250ml)
 sc : Walden SV-3 (0.0,3.6)
 SLS Vial : 11 Sample Multiplier: 1

Quant Time: Mar 03 08:51:31 2008
 Quant Method : J:\MS08\Methods\R8022108.M
 Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 QLast Update : Fri Feb 22 09:32:02 2008
 Response via : Initial Calibration



(67) m- & p-Xylene (T)

16.445min (-0.011) 2.00ng

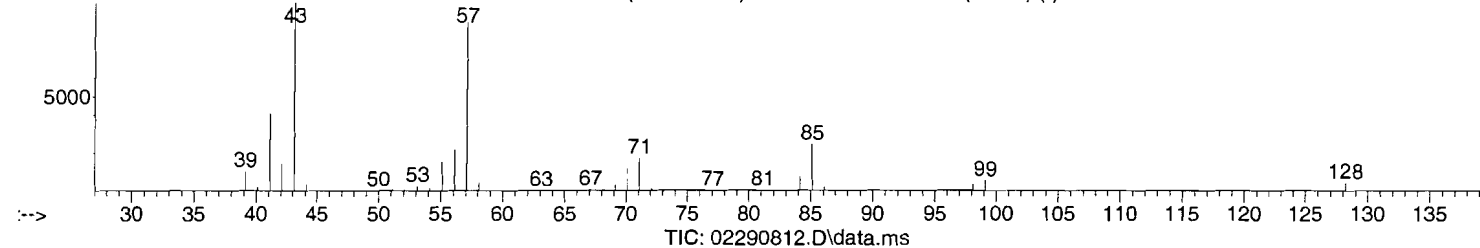
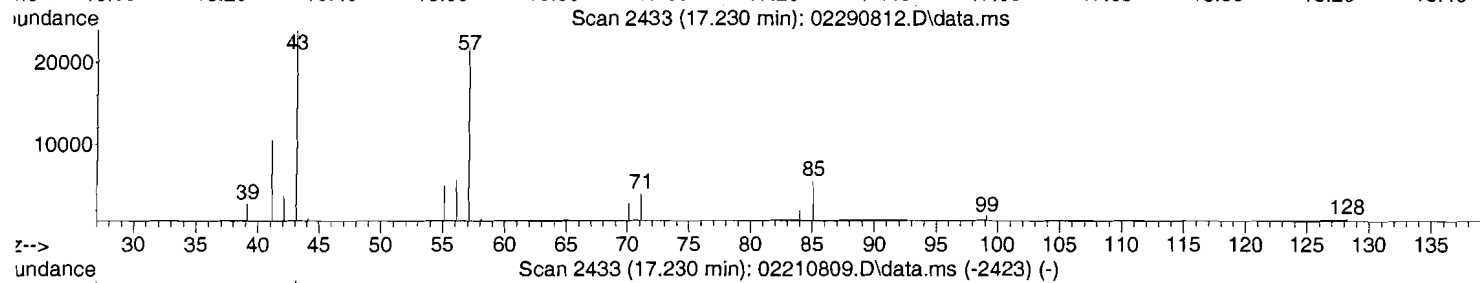
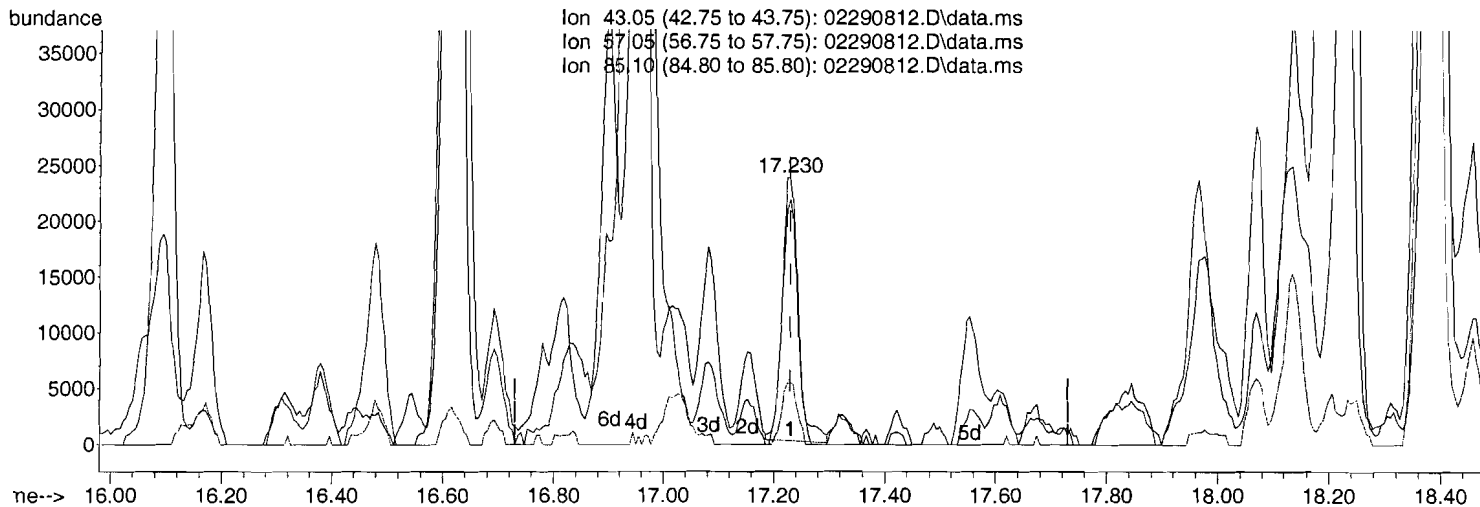
response 135831

Ion	Exp%	Act%
91.00	100	100
106.15	48.60	46.74
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : J:\MS08\Data\2008_02\29\
 Data File : 02290812.D
 Acq On : 29 Feb 2008 18:39
 Operator : SC
 Sample : P0800448-006 (250ml)
 Misc : Walden SV-3 (0.0,3.6)
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Mar 03 08:51:31 2008
 Quant Method : J:\MS08\Methods\R8022108.M
 Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 QLast Update : Fri Feb 22 09:32:02 2008
 Response via : Initial Calibration



(71) n-Nonane (T)

17.230min (+0.000) 0.78ng

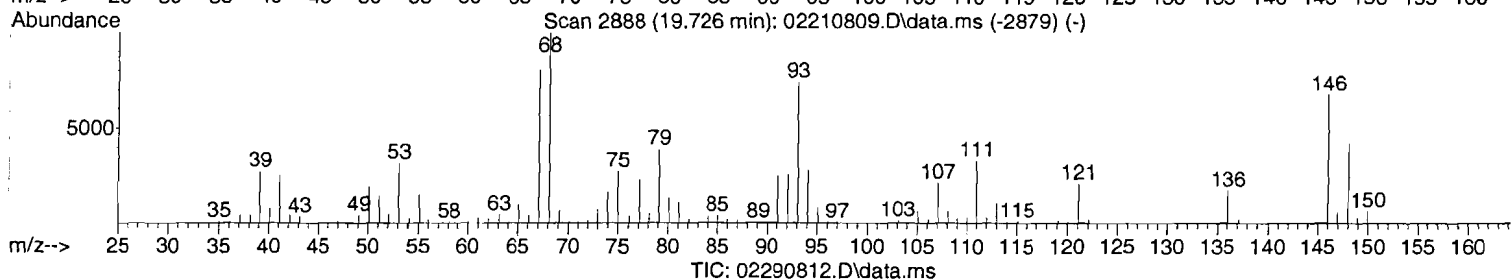
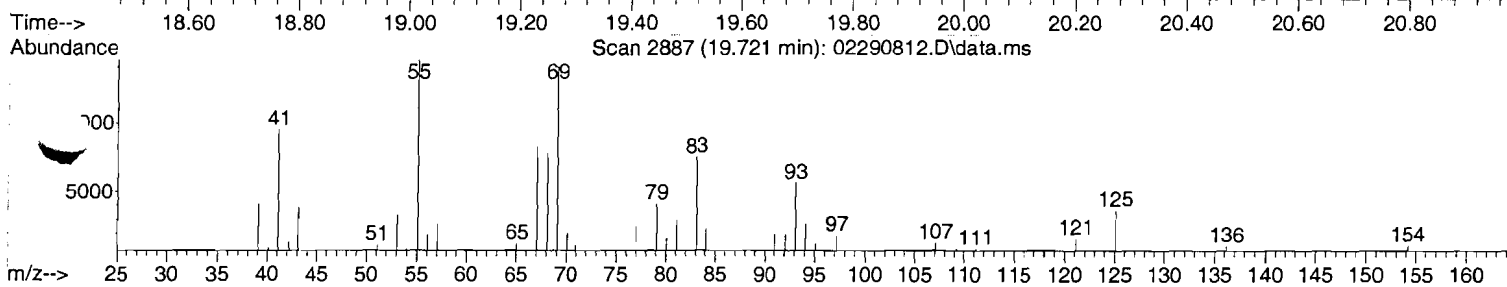
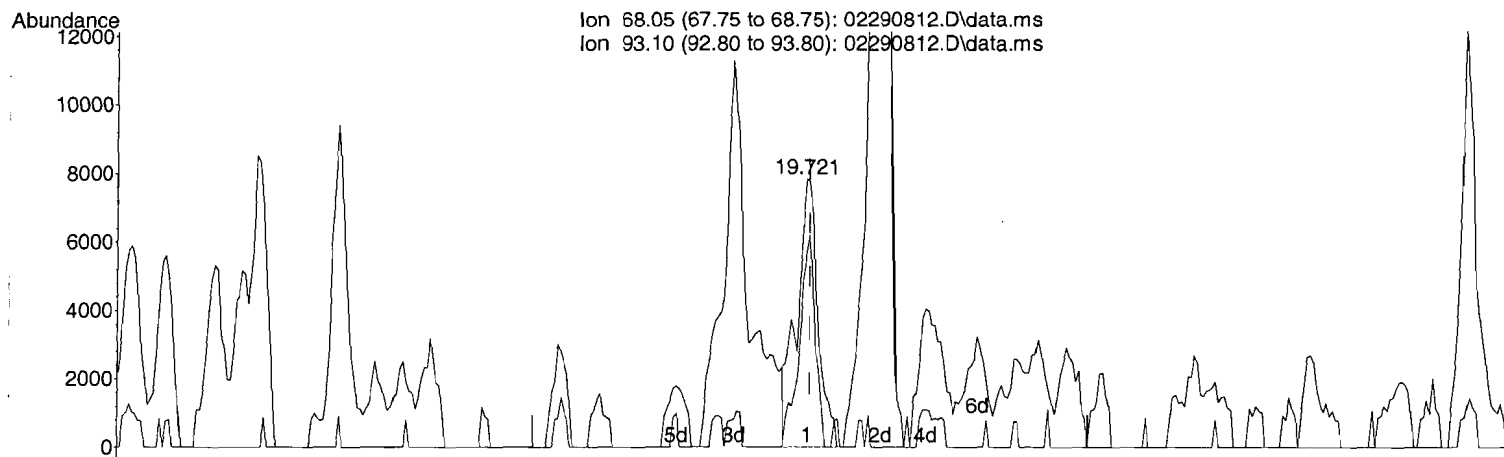
response 47142

Ion	Exp%	Act%
43.05	100	100
57.05	91.40	89.79
85.10	32.80	22.94
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : J:\MS08\Data\2008_02\29\
Data File : 02290812.D
Acq On : 29 Feb 2008 18:39
Operator : SC
Sample : P0800448-006 (250ml)
sc : Walden SV-3 (0.0,3.6)
S Vial : 11 Sample Multiplier: 1

Quant Time: Mar 03 08:51:31 2008
Quant Method : J:\MS08\Methods\R8022108.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Fri Feb 22 09:32:02 2008
Response via : Initial Calibration



(91) d-Limonene (T)

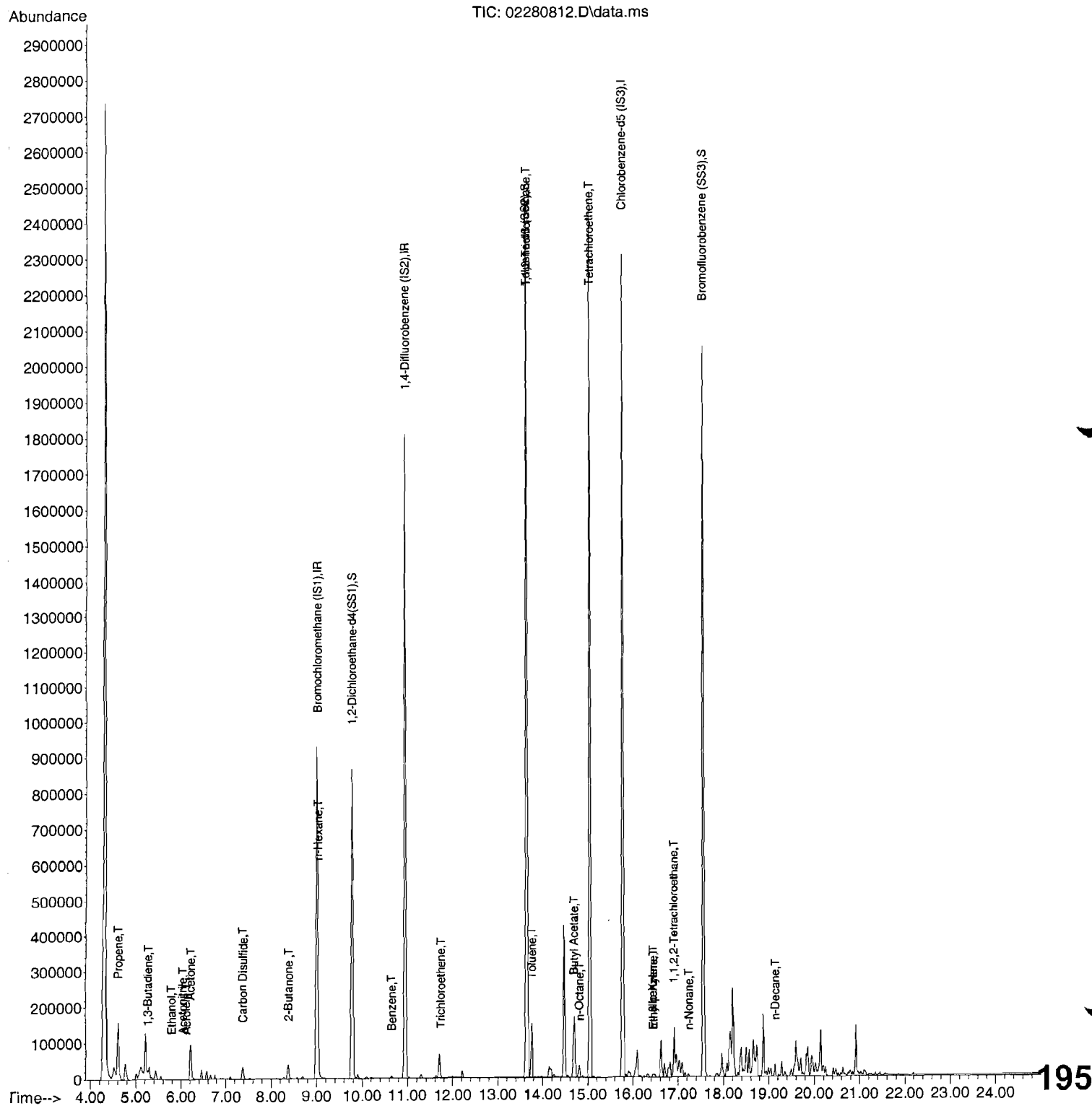
19.721min (-0.005) 0.65ng

response 20930

Ion	Exp%	Act%
68.05	100	100
93.10	70.20	58.64
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : J:\MS08\Data\2008_02\28\
Data File : 02280812.D
Acq On : 28 Feb 2008 18:43
Operator : SC
Sample : P0800448-006 Dil (25ml)
Misc : Walden SV-3 (0.0,3.6)
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Feb 29 08:49:08 2008
Quant Method : J:\MS08\Methods\R8022108.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Fri Feb 22 09:32:02 2008
Response via : Initial Calibration



Data Path : J:\MS08\Data\2008_02\28\
 Data File : 02280812.D
 Acq On : 28 Feb 2008 18:43
 Operator : SC
 Sample : P0800448-006 Dil(25ml)
 SC : Walden SV-3 (0.0,3.6) ✓
 Vial : 11 Sample Multiplier: 1

Quant Time: Feb 29 08:49:08 2008
 Quant Method : J:\MS08\Methods\R8022108.M
 Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 QLast Update : Fri Feb 22 09:32:02 2008
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane (IS1)	9.00	130	346611	25.000	ng	0.00
37) 1,4-Difluorobenzene (IS2)	10.94	114	1645388	25.000	ng	0.00
56) Chlorobenzene-d5 (IS3)	15.77	82	936653	25.000	ng	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4(...)	9.77	65	842136	26.327	ng	0.00
Spiked Amount 25.000			Recovery	=	105.32%	
57) Toluene-d8 (SS2)	13.64	98	1920674	24.805	ng	0.00
Spiked Amount 25.000			Recovery	=	99.24%	
73) Bromofluorobenzene (SS3)	17.55	174	676248	24.961	ng	0.00
Spiked Amount 25.000			Recovery	=	99.84%	

Target Compounds						Qvalue
2) Propene	4.60	42	73822	2.355	ng	95
3) Dichlorodifluoromethane	4.70	85	2347	N.D.		
4) Chloromethane	0.00	50	0	N.D.		
5) Freon 114	0.00	135	0	N.D.		
6) Vinyl Chloride	0.00	62	0	N.D.		
7) 1,3-Butadiene	5.25	54	10316	0.275	ng	# 85
8) Bromomethane	0.00	94	0	N.D.		
9) Chloroethane	0.00	64	0	N.D.		
10) Ethanol	5.78	45	1134	0.054	ng	# 36
11) Acetonitrile	6.03	41	3281	0.054	ng	# 36
12) Acrolein	6.11	56	1114	0.067	ng	# 14
13) Acetone	6.21	58	60968	2.419	ng	87
14) Trichlorofluoromethane	0.00	101	0	N.D.		
15) Isopropanol	0.00	45	0	N.D.		
16) Acrylonitrile	6.58	53	1551	N.D.		
17) 1,1-Dichloroethene	0.00	96	0	N.D.		
18) tert-Butanol	0.00	59	0	N.D.		
19) Methylene Chloride	0.00	84	0	N.D.		
20) Allyl Chloride	0.00	41	0	N.D.		
21) Trichlorotrifluoroethane	0.00	151	0	N.D.		
22) Carbon Disulfide	7.37	76	37920	0.394	ng	89
23) trans-1,2-Dichloroethene	0.00	61	0	N.D.		
24) 1,1-Dichloroethane	0.00	63	0	N.D.		
25) Methyl tert-Butyl Ether	0.00	73	0	N.D.		
26) Vinyl Acetate	0.00	86	0	N.D.		
27) 2-Butanone	8.37	72	13174	0.948	ng	# 18
28) cis-1,2-Dichloroethene	0.00	61	0	N.D.		
29) Diisopropyl Ether	0.00	87	0	N.D.		
30) Ethyl Acetate	0.00	61	0	N.D.		
31) n-Hexane	9.02	57	5080	0.095	ng	# 64
32) Chloroform	9.12	83	1302	N.D.		
34) Tetrahydrofuran	0.00	72	0	N.D.		
35) Ethyl tert-Butyl Ether	0.00	87	0	N.D.		
36) 1,2-Dichloroethane	0.00	62	0	N.D.		
38) 1,1,1-Trichloroethane	0.00	97	0	N.D.		
39) Isopropyl Acetate	0.00	61	0	N.D.		
40) 1-Butanol	0.00	56	0	N.D.		
41) Benzene	10.65	78	8753	0.104	ng	81
Carbon Tetrachloride	0.00	117	0	N.D.		
43) Cyclohexane	10.94	84	544	N.D.		
44) tert-Amyl Methyl Ether	0.00	73	0	N.D.		
45) 1,2-Dichloropropane	0.00	63	0	N.D.		
46) Bromodichloromethane	0.00	83	0	N.D.		

3/7/08

Data Path : J:\MS08\Data\2008_02\28\
 Data File : 02280812.D
 Acq On : 28 Feb 2008 18:43
 Operator : SC
 Sample : P0800448-006 Dil(25ml)
 Misc : Walden SV-3 (0.0,3.6)
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Feb 29 08:49:08 2008
 Quant Method : J:\MS08\Methods\R8022108.M
 Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 QLast Update : Fri Feb 22 09:32:02 2008
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) Trichloroethene	11.73	130	4184	0.219	ng	94
48) 1,4-Dioxane	0.00	88	0	N.D.		
49) Isooctane	0.00	57	0	N.D.		
50) Methyl Methacrylate	0.00	100	0	N.D.		
51) n-Heptane	0.00	71	0	N.D.		
52) cis-1,3-Dichloropropene	0.00	75	0	N.D.		
53) 4-Methyl-2-pentanone	0.00	58	0	N.D.		
54) trans-1,3-Dichloropropene	0.00	75	0	N.D.		
55) 1,1,2-Trichloroethane	13.65	97	166506	8.566	ng	# 7
58) Toluene	13.75	91	14053	0.157	ng	98
59) 2-Hexanone	13.98	43	2815	N.D.		
60) Dibromochloromethane	0.00	129	0	N.D.		
61) 1,2-Dibromoethane	0.00	107	0	N.D.		
62) Butyl Acetate	14.69	43	9821	0.135	ng	# 1
63) n-Octane	14.81	57	7919	0.302	ng	# 67
64) Tetrachloroethene	15.05	166	905497	39.496	ng	100
65) Chlorobenzene	15.75	112	864	N.D.		
66) Ethylbenzene	16.43	91	13028	0.121	ng	79
67) m- & p-Xylene	16.43	91	13028	0.180	ng	92
68) Bromoform	0.00	173	0	N.D.		
69) Styrene	0.00	104	0	N.D.		
70) o-Xylene	17.02	91	1614	N.D.		
71) n-Nonane	17.24	43	4385	0.068	ng	# 82
72) 1,1,2,2-Tetrachloroethane	16.90	83	6223	0.204	ng	# 18
74) Cumene	0.00	105	0	N.D.		
75) alpha-Pinene	0.00	93	0	N.D.		
76) n-Propylbenzene	0.00	91	0	N.D.		
77) 3-Ethyltoluene	18.43	105	882	N.D.		
78) 4-Ethyltoluene	18.43	105	882	N.D.		
79) 1,3,5-Trimethylbenzene	18.43	105	882	N.D.		
80) alpha-Methylstyrene	0.00	118	0	N.D.		
81) 2-Ethyltoluene	19.05	105	2922	N.D.		
82) 1,2,4-Trimethylbenzene	19.05	105	2922	N.D.		
83) n-Decane	19.14	57	13248	0.194	ng	77
84) Benzyl Chloride	0.00	91	0	N.D.		
85) 1,3-Dichlorobenzene	0.00	146	0	N.D.		
86) 1,4-Dichlorobenzene	0.00	146	0	N.D.		
87) sec-Butylbenzene	19.05	105	2922	N.D.		
88) p-Isopropyltoluene	0.00	119	0	N.D.		
89) 1,2,3-Trimethylbenzene	0.00	105	0	N.D.		
90) 1,2-Dichlorobenzene	0.00	146	0	N.D.		
91) d-Limonene	19.73	68	557	N.D.		
92) 1,2-Dibromo-3-Chloropr...	0.00	157	0	N.D.		
93) n-Undecane	20.97	57	2791	N.D.		
94) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.		
95) Naphthalene	0.00	128	0	N.D.		
96) n-Dodecane	22.19	57	2971	N.D.		
97) Hexachloro-1,3-butadiene	0.00	225	0	N.D.		

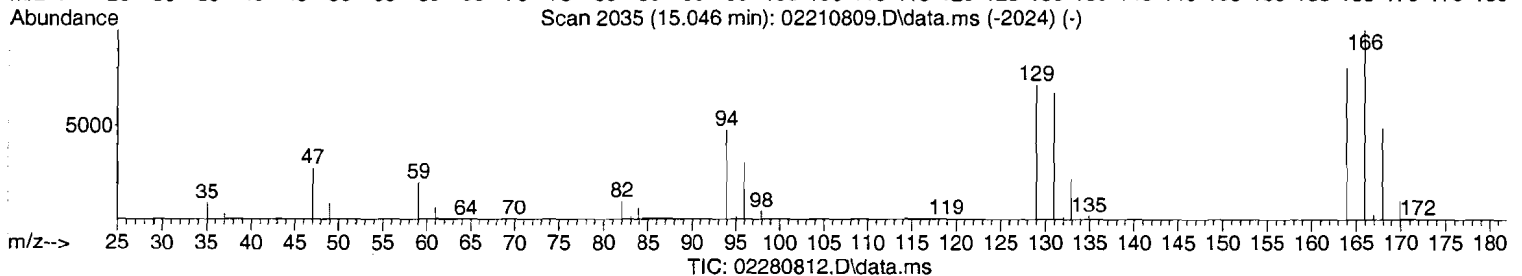
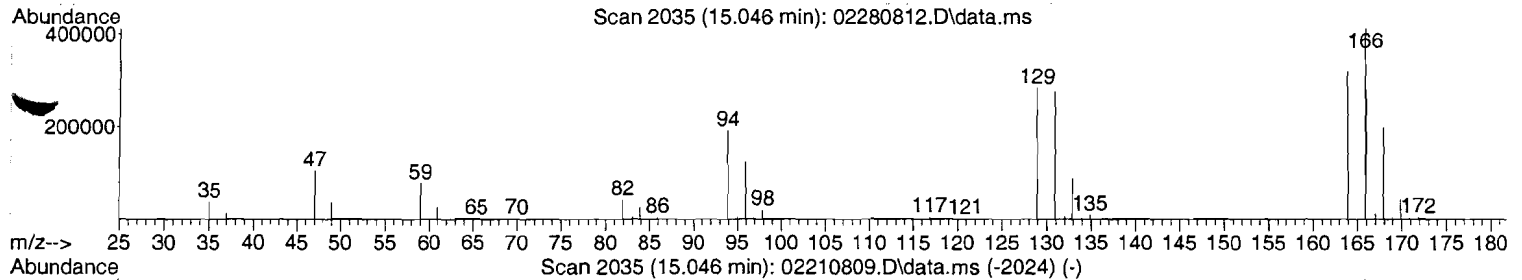
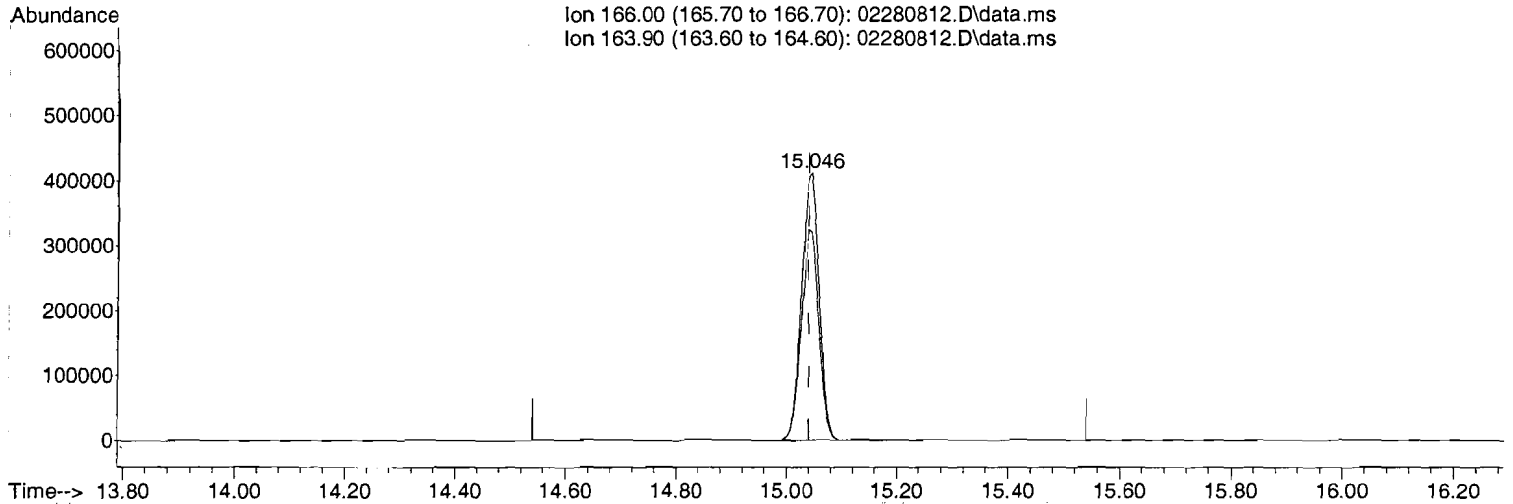
(#) = qualifier out of range (m) = manual integration (+) = signals summed

C. 3/7/08

Quantitation Report (Qedit)

Data Path : J:\MS08\Data\2008_02\28\
 Data File : 02280812.D
 Acq On : 28 Feb 2008 18:43
 Operator : SC
 Sample : P0800448-006 Dil(25ml)
 .sc : Walden SV-3 (0.0,3.6)
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Feb 29 08:49:08 2008
 Quant Method : J:\MS08\Methods\R8022108.M
 Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 QLast Update : Fri Feb 22 09:32:02 2008
 Response via : Initial Calibration



(64) Tetrachloroethene (T)

15.046min (+0.006) 39.50ng

response 905497

Ion	Exp%	Act%
166.00	100	100
163.90	78.10	77.76
0.00	0.00	0.00
0.00	0.00	0.00

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Page 1 of 3

Client: **Walden Environmental Engineering, PLLC**Client Sample ID: **SV-4**Client Project ID: **Bayville Village Cleaners / BVC0106**

CAS Project ID: P0800448

CAS Sample ID: P0800448-007

Test Code: EPA TO-15

Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8

Analyst: Simon Cao

Sampling Media: 6.0 L Summa Canister

Test Notes:

Container ID: SC00527

Date Collected: 2/22/08

Date Received: 2/26/08

Date Analyzed: 2/29/08

Volume(s) Analyzed: 0.10 Liter(s)

Initial Pressure (psig): 0.8 Final Pressure (psig): 3.5

Canister Dilution Factor: 1.17

CAS #	Compound	Result µg/m ³	MRL µg/m ³	Result ppbV	MRL ppbV	Data Qualifier
115-07-1	Propene	49	5.9	28	3.4	
75-71-8	Dichlorodifluoromethane (CFC 12)	ND	5.9	ND	1.2	
74-87-3	Chloromethane	ND	5.9	ND	2.8	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	ND	5.9	ND	0.84	
75-01-4	Vinyl Chloride	ND	5.9	ND	2.3	
106-99-0	1,3-Butadiene	ND	5.9	ND	2.6	
74-83-9	Bromomethane	ND	5.9	ND	1.5	
75-00-3	Chloroethane	ND	5.9	ND	2.2	
64-17-5	Ethanol	ND	59	ND	31	
75-05-8	Acetonitrile	ND	5.9	ND	3.5	
107-02-8	Acrolein	ND	5.9	ND	2.6	
67-64-1	Acetone	160	59	65	25	
75-69-4	Trichlorofluoromethane	ND	5.9	ND	1.0	
67-63-0	2-Propanol (Isopropyl Alcohol)	21	5.9	8.4	2.4	
107-13-1	Acrylonitrile	ND	5.9	ND	2.7	
75-35-4	1,1-Dichloroethene	ND	5.9	ND	1.5	
75-09-2	Methylene Chloride	ND	5.9	ND	1.7	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	ND	5.9	ND	1.9	
76-13-1	Trichlorotrifluoroethane	ND	5.9	ND	0.76	
75-15-0	Carbon Disulfide	ND	5.9	ND	1.9	
156-60-5	trans-1,2-Dichloroethene	ND	5.9	ND	1.5	
75-34-3	1,1-Dichloroethane	ND	5.9	ND	1.4	
1634-04-4	Methyl tert-Butyl Ether	ND	5.9	ND	1.6	
108-05-4	Vinyl Acetate	ND	59	ND	17	
78-93-3	2-Butanone (MEK)	73	5.9	25	2.0	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RDate: 3/11/08

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COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Page 2 of 3

Client: **Walden Environmental Engineering, PLLC**Client Sample ID: **SV-4**Client Project ID: **Bayville Village Cleaners / BVC0106**

CAS Project ID: P0800448

CAS Sample ID: P0800448-007

Test Code: EPA TO-15

Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8

Analyst: Simon Cao

Sampling Media: 6.0 L Summa Canister

Test Notes:

Container ID: SC00527

Date Collected: 2/22/08

Date Received: 2/26/08

Date Analyzed: 2/29/08

Volume(s) Analyzed: 0.10 Liter(s)

Initial Pressure (psig): 0.8 Final Pressure (psig): 3.5

Canister Dilution Factor: 1.17

CAS #	Compound	Result µg/m ³	MRL µg/m ³	Result ppbV	MRL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	ND	5.9	ND	1.5	
141-78-6	Ethyl Acetate	ND	5.9	ND	1.6	
110-54-3	n-Hexane	22	5.9	6.3	1.7	
67-66-3	Chloroform	ND	5.9	ND	1.2	
109-99-9	Tetrahydrofuran (THF)	ND	5.9	ND	2.0	
107-06-2	1,2-Dichloroethane	ND	5.9	ND	1.4	
-55-6	1,1,1-Trichloroethane	ND	5.9	ND	1.1	
71-43-2	Benzene	ND	5.9	ND	1.8	
56-23-5	Carbon Tetrachloride	ND	5.9	ND	0.93	
110-82-7	Cyclohexane	ND	5.9	ND	1.7	
78-87-5	1,2-Dichloropropane	ND	5.9	ND	1.3	
75-27-4	Bromodichloromethane	ND	5.9	ND	0.87	
79-01-6	Trichloroethene	ND	5.9	ND	1.1	
123-91-1	1,4-Dioxane	ND	5.9	ND	1.6	
80-62-6	Methyl Methacrylate	ND	5.9	ND	1.4	
142-82-5	n-Heptane	10	5.9	2.5	1.4	
10061-01-5	cis-1,3-Dichloropropene	ND	5.9	ND	1.3	
108-10-1	4-Methyl-2-pentanone	ND	5.9	ND	1.4	
10061-02-6	trans-1,3-Dichloropropene	ND	5.9	ND	1.3	
79-00-5	1,1,2-Trichloroethane	ND	5.9	ND	1.1	
108-88-3	Toluene	ND	5.9	ND	1.6	
591-78-6	2-Hexanone	8.8	5.9	2.2	1.4	
124-48-1	Dibromochloromethane	ND	5.9	ND	0.69	
106-93-4	1,2-Dibromoethane	ND	5.9	ND	0.76	
123-86-4	n-Butyl Acetate	ND	5.9	ND	1.2	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: Ru Date: 3/1/08 **200**

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Page 3 of 3

Client: **Walden Environmental Engineering, PLLC**
 Client Sample ID: **SV-4**
 Client Project ID: **Bayville Village Cleaners / BVC0106**

CAS Project ID: P0800448
 CAS Sample ID: P0800448-007

Test Code: EPA TO-15
 Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
 Analyst: Simon Cao
 Sampling Media: 6.0 L Summa Canister
 Test Notes:
 Container ID: SC00527

Date Collected: 2/22/08
 Date Received: 2/26/08
 Date Analyzed: 2/29/08
 Volume(s) Analyzed: 0.10 Liter(s)

Initial Pressure (psig): 0.8 Final Pressure (psig): 3.5

Canister Dilution Factor: 1.17

CAS #	Compound	Result $\mu\text{g}/\text{m}^3$	MRL $\mu\text{g}/\text{m}^3$	Result ppbV	MRL ppbV	Data Qualifier
111-65-9	n-Octane	7.7	5.9	1.6	1.3	
127-18-4	Tetrachloroethene	880	5.9	130	0.86	
108-90-7	Chlorobenzene	ND	5.9	ND	1.3	
100-41-4	Ethylbenzene	ND	5.9	ND	1.3	
179601-23-1	m,p-Xylenes	ND	12	ND	2.7	
75-25-2	Bromoform	ND	5.9	ND	0.57	
100-42-5	Styrene	ND	5.9	ND	1.4	
95-47-6	o-Xylene	ND	5.9	ND	1.3	
111-84-2	n-Nonane	ND	5.9	ND	1.1	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.9	ND	0.85	
98-82-8	Cumene	ND	5.9	ND	1.2	
80-56-8	alpha-Pinene	ND	5.9	ND	1.1	
103-65-1	n-Propylbenzene	ND	5.9	ND	1.2	
622-96-8	4-Ethyltoluene	ND	5.9	ND	1.2	
108-67-8	1,3,5-Trimethylbenzene	ND	5.9	ND	1.2	
95-63-6	1,2,4-Trimethylbenzene	ND	5.9	ND	1.2	
100-44-7	Benzyl Chloride	ND	5.9	ND	1.1	
541-73-1	1,3-Dichlorobenzene	ND	5.9	ND	0.97	
106-46-7	1,4-Dichlorobenzene	ND	5.9	ND	0.97	
95-50-1	1,2-Dichlorobenzene	ND	5.9	ND	0.97	
5989-27-5	d-Limonene	ND	5.9	ND	1.1	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.9	ND	0.61	
120-82-1	1,2,4-Trichlorobenzene	ND	5.9	ND	0.79	
91-20-3	Naphthalene	ND	5.9	ND	1.1	
87-68-3	Hexachlorobutadiene	ND	5.9	ND	0.55	

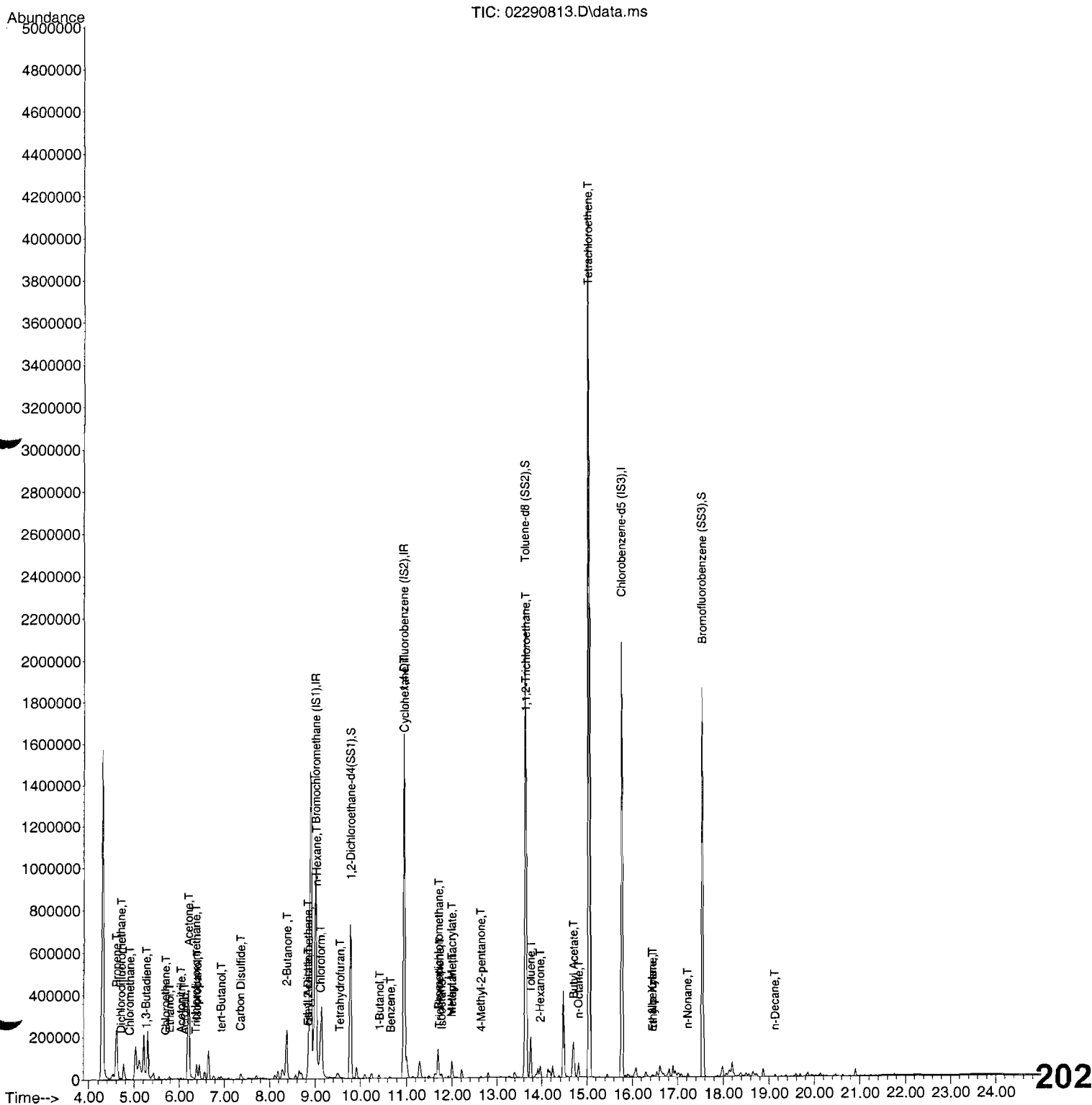
ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: Ru Date: 3/11/08 **201**

Data Path : J:\MS08\Data\2008_02\29\
Data File : 02290813.D
Acq On : 29 Feb 2008 19:16
Operator : SC
Sample : P0800448-007 (100ml)
isc : Walden SV-4 (0.8,3.5)
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 03 08:51:44 2008
Quant Method : J:\MS08\Methods\R8022108.M
Quant Title : EPA TO-15 per SOP VOA-T015 (CASS TO-15/GC-MS)
QLast Update : Fri Feb 22 09:32:02 2008
Response via : Initial Calibration



Data Path : J:\MS08\Data\2008_02\29\
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 ALS Vial : 12 Sample Multiplier: 1

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 Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 QLast Update : Fri Feb 22 09:32:02 2008
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane (IS1)	9.00	130	307033	25.000	ng	0.00
37) 1,4-Difluorobenzene (IS2)	10.94	114	1495457	25.000	ng	0.00
56) Chlorobenzene-d5 (IS3)	15.77	82	850297	25.000	ng	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4(...)	9.77	65	689415	24.331	ng	0.00
Spiked Amount	25.000		Recovery	=	97.32%	
57) Toluene-d8 (SS2)	13.64	98	1758336	25.015	ng	0.00
Spiked Amount	25.000		Recovery	=	100.08%	
73) Bromofluorobenzene (SS3)	17.55	174	610030	24.804	ng	0.00
Spiked Amount	25.000		Recovery	=	99.20%	

Target Compounds

					Qvalue	
2) Propene	4.59	42	115630	4.163 ng	#	83
3) Dichlorodifluoromethane	4.70	85	9748	0.225 ng	#	83
4) Chloromethane	4.89	50	3222	0.068 ng	#	42
5) Freon 114	0.00	135	0	N.D.		
6) Vinyl Chloride	5.12	62	270	N.D.		
7) 1,3-Butadiene	5.25	54	14698	0.442 ng	#	31
8) Bromomethane	0.00	94	0	N.D.		
9) Chloroethane	5.68	64	4697	0.280 ng	#	55
10) Ethanol	5.77	45	22479	1.218 ng		95
11) Acetonitrile	6.03	41	10715	0.200 ng	#	63
12) Acrolein	6.11	56	3155	0.215 ng		84
13) Acetone	6.20	58	296076	13.261 ng	#	75
14) Trichlorofluoromethane	6.36	101	2438	0.077 ng		82
15) Isopropanol	6.39	45	118253	1.765 ng		86
16) Acrylonitrile	6.56	53	829	N.D.		
17) 1,1-Dichloroethene	0.00	96	0	N.D.		
18) tert-Butanol	6.93	59	18243	0.271 ng	#	80
19) Methylene Chloride	0.00	84	0	N.D.		
20) Allyl Chloride	0.00	41	0	N.D.		
21) Trichlorotrifluoroethane	0.00	151	0	N.D.		
22) Carbon Disulfide	7.35	76	21254	0.249 ng		83
23) trans-1,2-Dichloroethene	0.00	61	0	N.D.		
24) 1,1-Dichloroethane	0.00	63	0	N.D.		
25) Methyl tert-Butyl Ether	0.00	73	0	N.D.		
26) Vinyl Acetate	0.00	86	0	N.D.		
27) 2-Butanone	8.37	72	76330	6.204 ng	#	42
28) cis-1,2-Dichloroethene	8.83	61	13383	0.416 ng		79
29) Diisopropyl Ether	0.00	87	0	N.D.		
30) Ethyl Acetate	8.83	61	13383	1.679 ng	#	10
31) n-Hexane	9.02	57	90596	1.909 ng		87
32) Chloroform	9.11	83	2714	0.101 ng		82
34) Tetrahydrofuran	9.54	72	1207	0.101 ng	#	1
35) Ethyl tert-Butyl Ether	0.00	87	0	N.D.		
36) 1,2-Dichloroethane	0.00	62	0	N.D.		
38) 1,1,1-Trichloroethane	0.00	97	0	N.D.		
39) Isopropyl Acetate	0.00	61	0	N.D.		
40) 1-Butanol	10.41	56	7376	0.260 ng	#	55
41) Benzene	10.66	78	9809	0.129 ng		91
42) Carbon Tetrachloride	0.00	117	0	N.D.		
43) Cyclohexane	10.95	84	16055	0.488 ng	#	1
44) tert-Amyl Methyl Ether	0.00	73	0	N.D.		
45) 1,2-Dichloropropane	0.00	63	0	N.D.		
46) Bromodichloromethane	11.71	83	2035	0.074 ng	#	18

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Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Fri Feb 22 09:32:02 2008
Response via : Initial Calibration

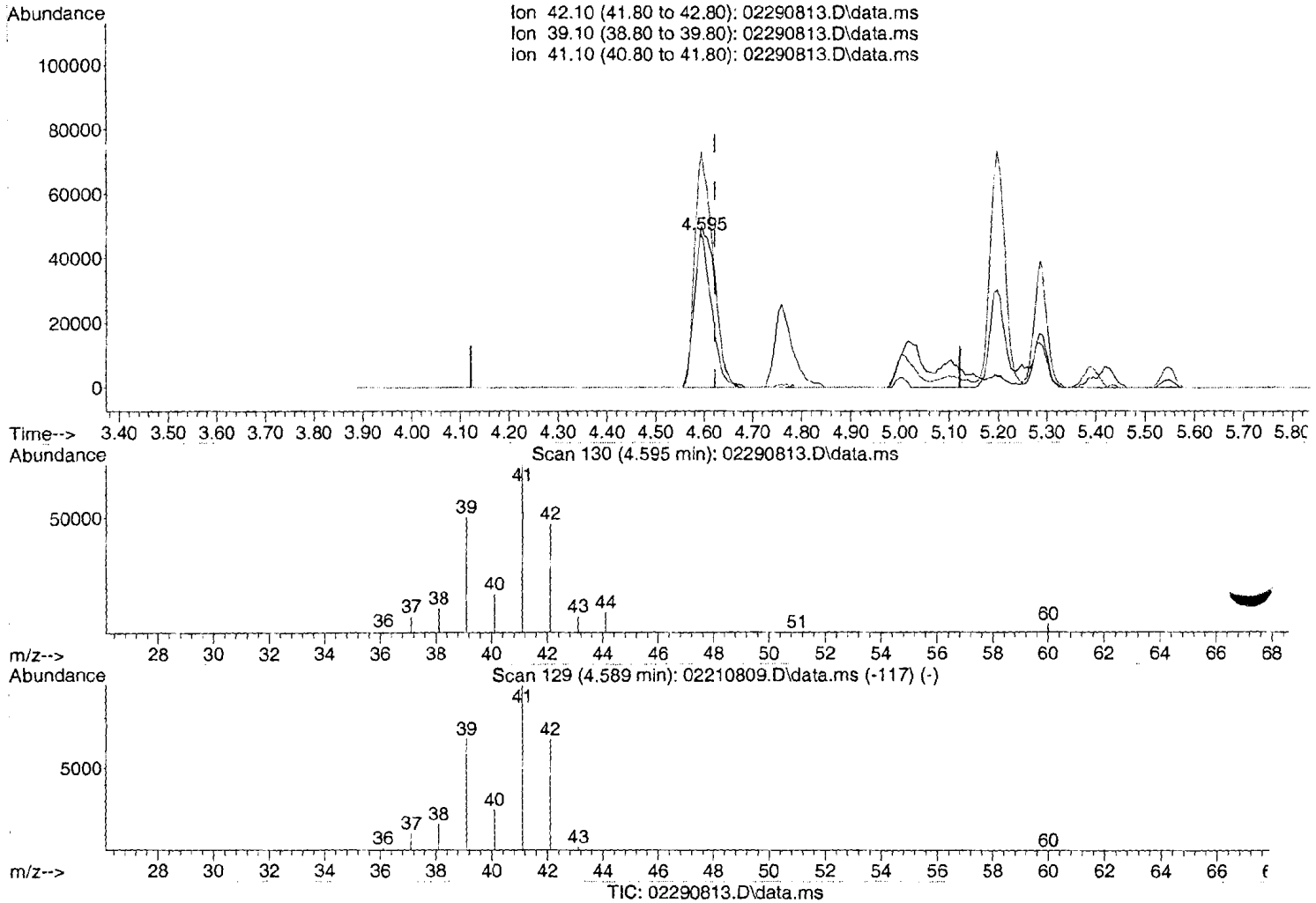
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) Trichloroethene	11.73	130	4693	0.270 ng		93
48) 1,4-Dioxane	0.00	88	0	N.D.		
49) Isooctane	11.77	57	16256	0.134 ng		76
50) Methyl Methacrylate	12.00	100	4773	0.582 ng	#	1
51) n-Heptane	12.00	71	17241	0.864 ng	#	59
52) cis-1,3-Dichloropropene	0.00	75	0	N.D.		
53) 4-Methyl-2-pentanone	12.64	58	2670	0.100 ng	#	34
54) trans-1,3-Dichloropropene	0.00	75	0	N.D.		
55) 1,1,2-Trichloroethane	13.65	97	152508	8.633 ng	#	6
58) Toluene	13.75	91	15984	0.197 ng		93
59) 2-Hexanone	13.96	43	49619	0.755 ng		91
60) Dibromochloromethane	0.00	129	0	N.D.		
61) 1,2-Dibromoethane	0.00	107	0	N.D.		
62) Butyl Acetate	14.70	43	12367	0.187 ng	#	1
63) n-Octane	14.81	57	15642	0.656 ng		76
64) Tetrachloroethene	15.05	166	1559923	74.950 ng		100
65) Chlorobenzene	15.75	112	279	N.D.		
66) Ethylbenzene	16.45	91	6255	0.064 ng		87
67) m- & p-Xylene	16.45	91	6255	0.095 ng	#	64
68) Bromoform	0.00	173	0	N.D.		
69) Styrene	0.00	104	0	N.D.		
70) o-Xylene	0.00	91	0	N.D.		
71) n-Nonane	17.22	43	9248	0.157 ng		86
72) 1,1,2,2-Tetrachloroethane	16.94	83	515	N.D.		
74) Cumene	0.00	105	0	N.D.		
75) alpha-Pinene	0.00	93	0	N.D.		
76) n-Propylbenzene	0.00	91	0	N.D.		
77) 3-Ethyltoluene	0.00	105	0	N.D.		
78) 4-Ethyltoluene	0.00	105	0	N.D.		
79) 1,3,5-Trimethylbenzene	0.00	105	0	N.D.		
80) alpha-Methylstyrene	0.00	118	0	N.D.		
81) 2-Ethyltoluene	0.00	105	0	N.D.		
82) 1,2,4-Trimethylbenzene	0.00	105	0	N.D.		
83) n-Decane	19.13	57	4982	0.081 ng	#	57
84) Benzyl Chloride	0.00	91	0	N.D.		
85) 1,3-Dichlorobenzene	0.00	146	0	N.D.		
86) 1,4-Dichlorobenzene	0.00	146	0	N.D.		
87) sec-Butylbenzene	0.00	105	0	N.D.		
88) p-Isopropyltoluene	0.00	119	0	N.D.		
89) 1,2,3-Trimethylbenzene	0.00	105	0	N.D.		
90) 1,2-Dichlorobenzene	0.00	146	0	N.D.		
91) d-Limonene	19.85	68	568	N.D.		
92) 1,2-Dibromo-3-Chloropr...	0.00	157	0	N.D.		
93) n-Undecane	20.63	57	2514	N.D.		
94) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.		
95) Naphthalene	0.00	128	0	N.D.		
96) n-Dodecane	22.19	57	2470	N.D.		
97) Hexachloro-1,3-butadiene	0.00	225	0	N.D.		

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

Quantitation Report (Qedit)

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 Response via : Initial Calibration



(2) Propene (T)

4.595min (-0.027) 4.16ng

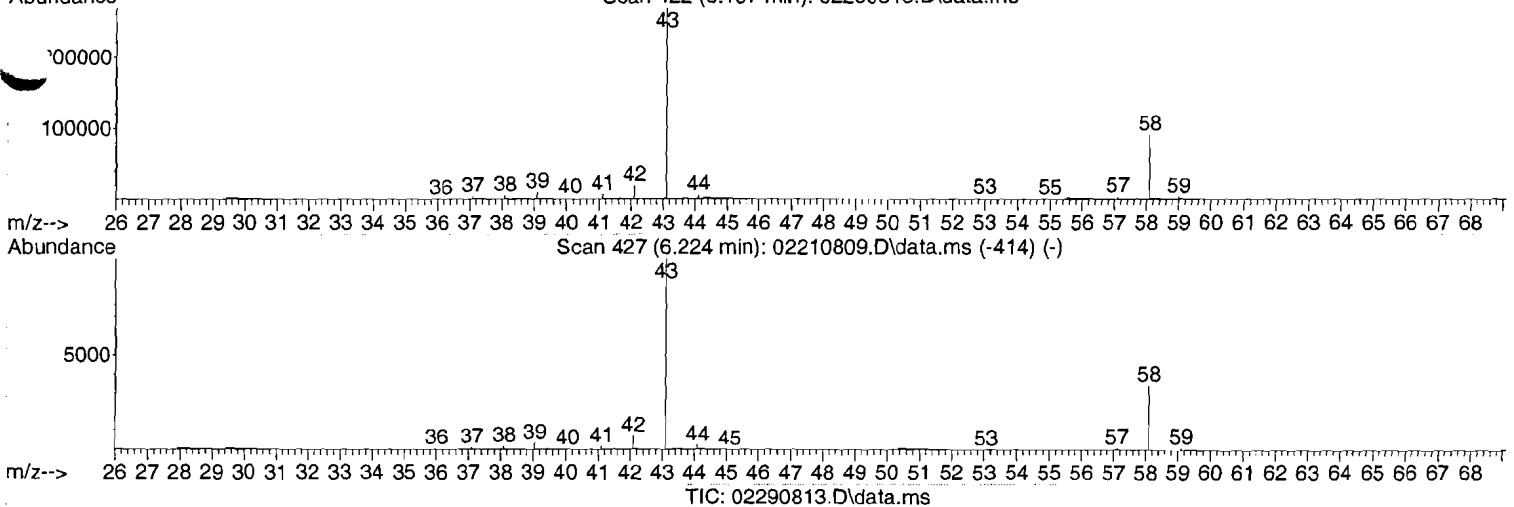
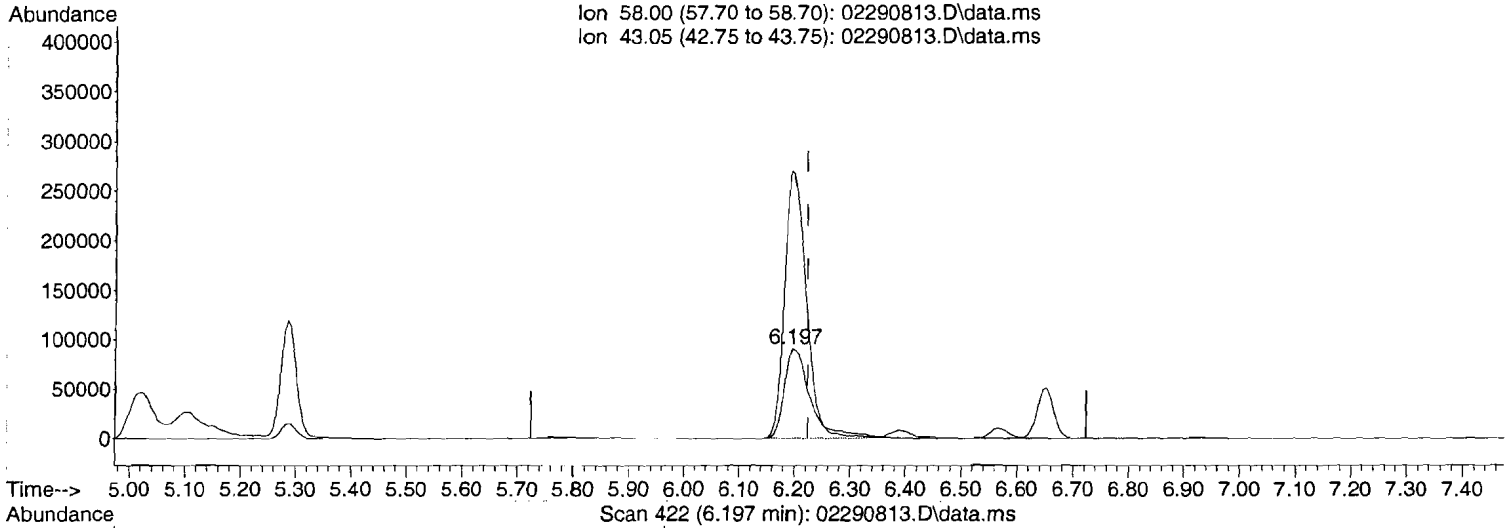
response 115630

Ion	Exp%	Act%
42.10	100	100
39.10	104.00	126.51#
41.10	148.40	165.38
0.00	0.00	0.00

Quantitation Report (Qedit)

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 Response via : Initial Calibration



(13) Acetone (T)

6.197min (-0.027) 13.26ng

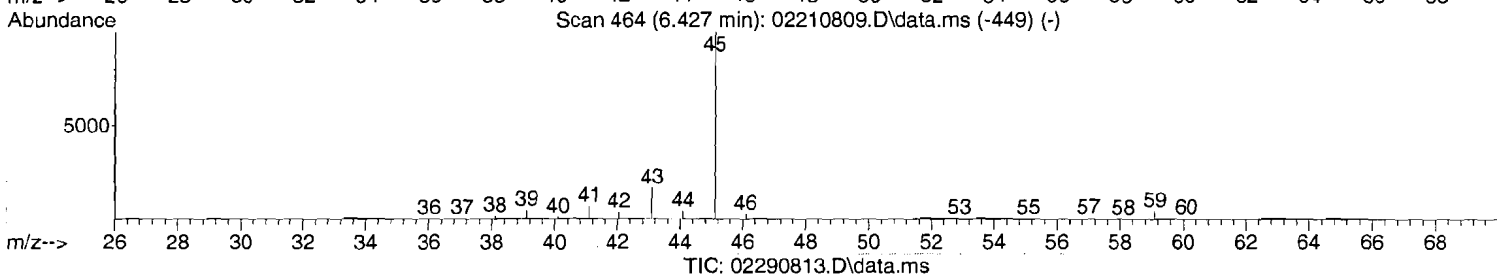
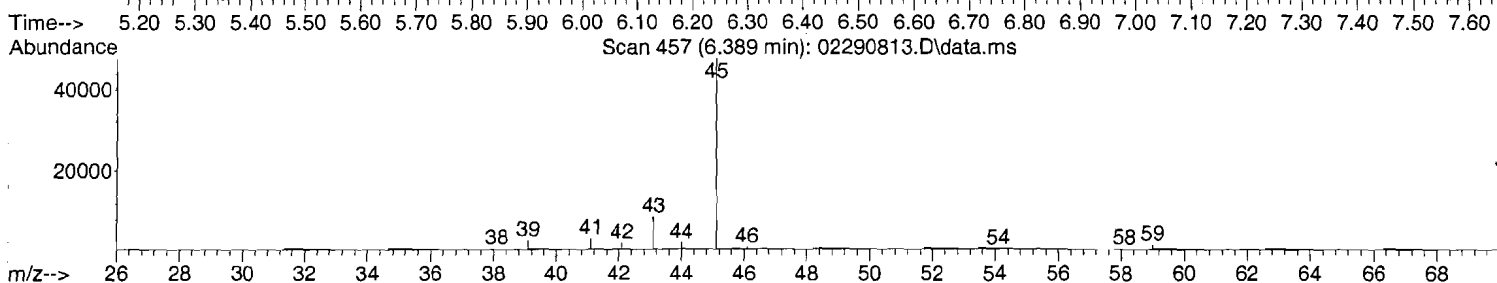
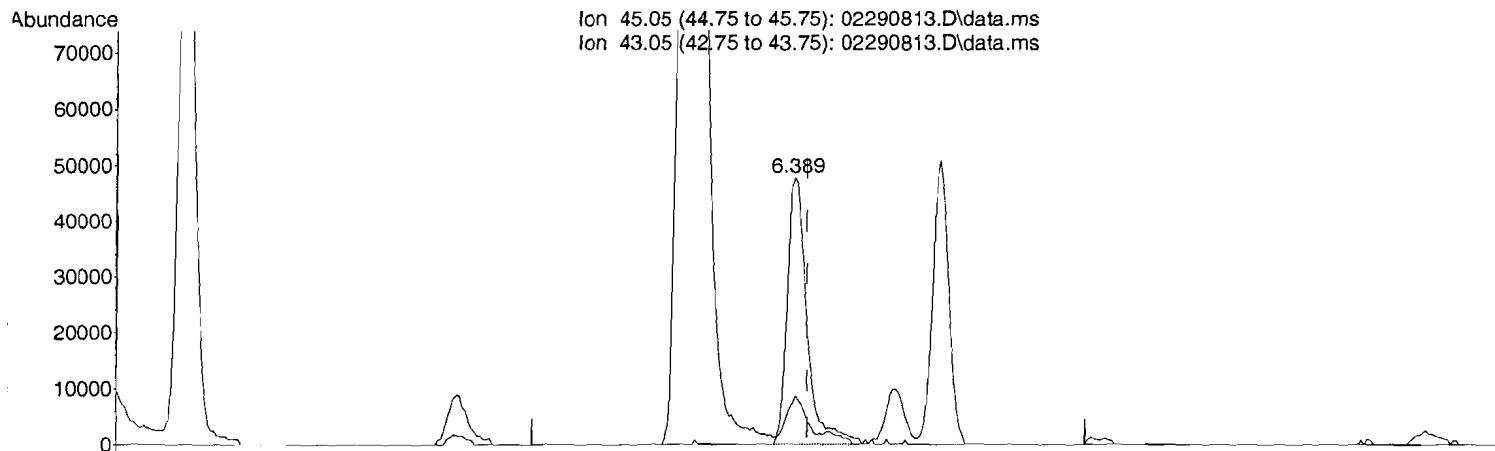
response 296076

Ion	Exp%	Act%
58.00	100	100
43.05	293.20	245.52#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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(15) Isopropanol (T)

6.389min (-0.022) 1.76ng

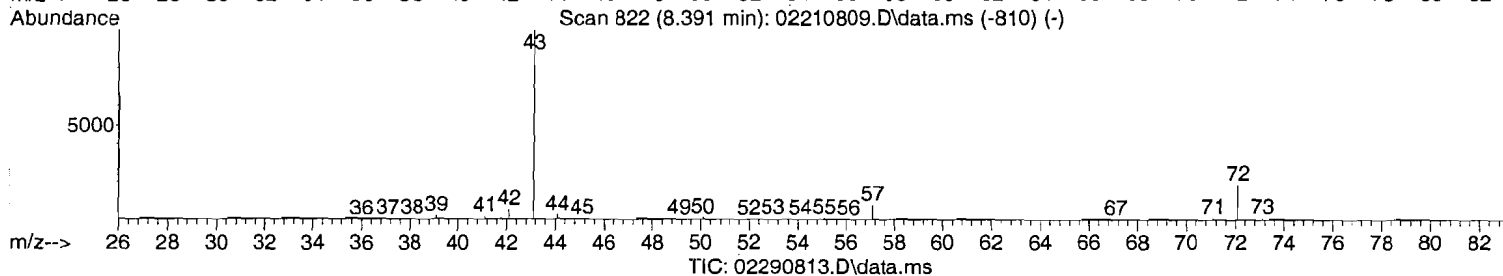
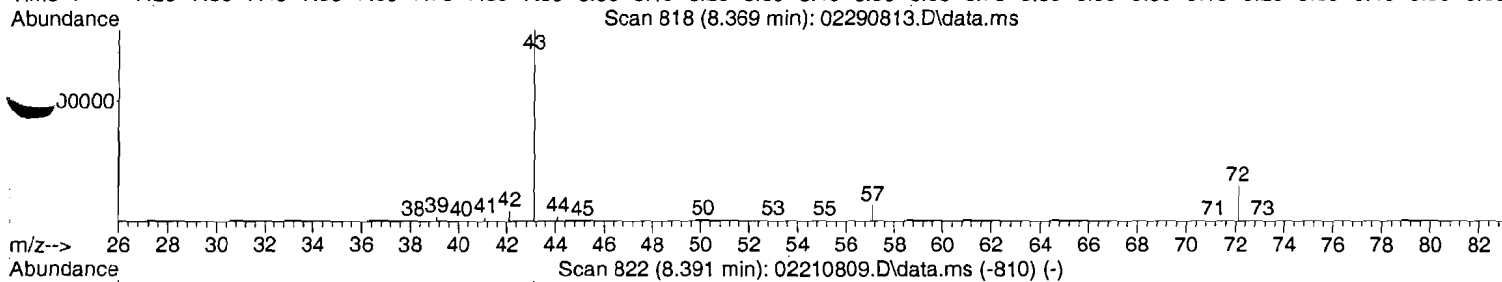
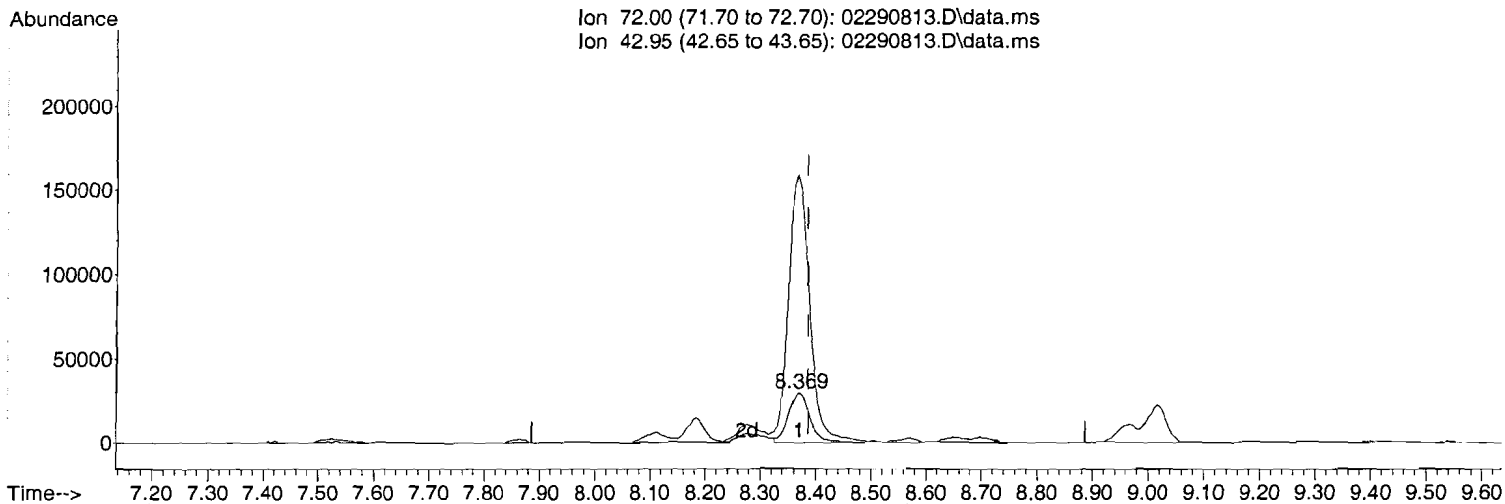
response 118253

Ion	Exp%	Act%
45.05	100	100
43.05	17.10	23.13
0.00	0.00	0.00
0.00	0.00	0.00

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(27) 2-Butanone (T)

8.369min (-0.017) 6.20ng

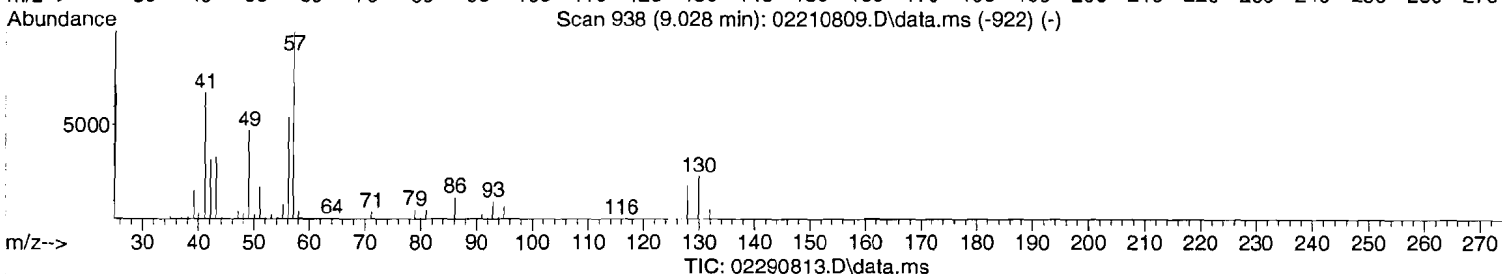
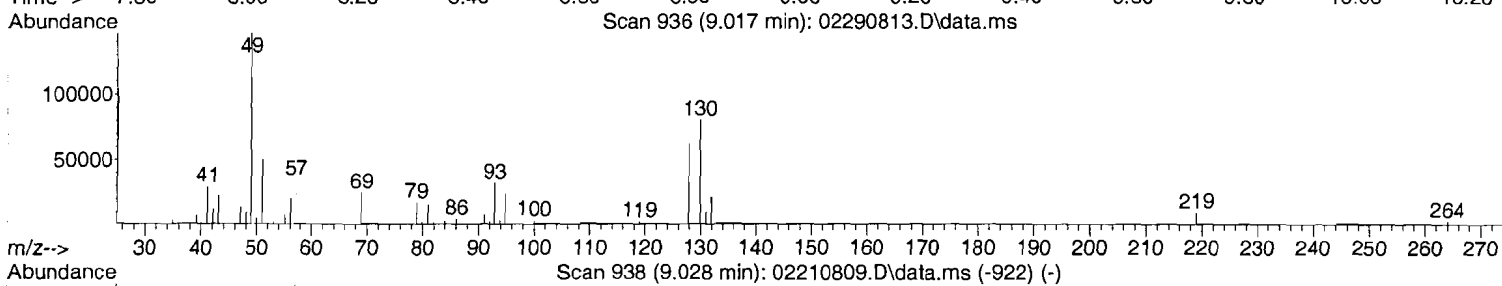
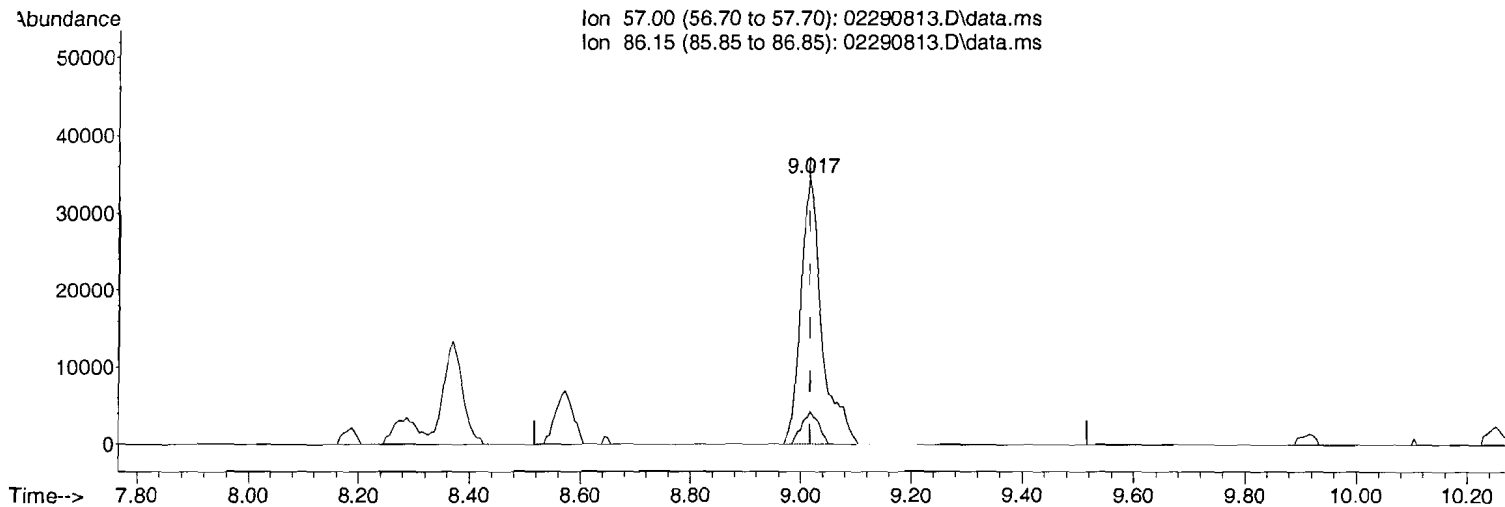
response 76330

Ion	Exp%	Act%
72.00	100	100
42.95	401.50	540.26#
0.00	0.00	0.00
0.00	0.00	0.00

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 Response via : Initial Calibration



(31) n-Hexane (T)

9.017min (+0.000) 1.91ng

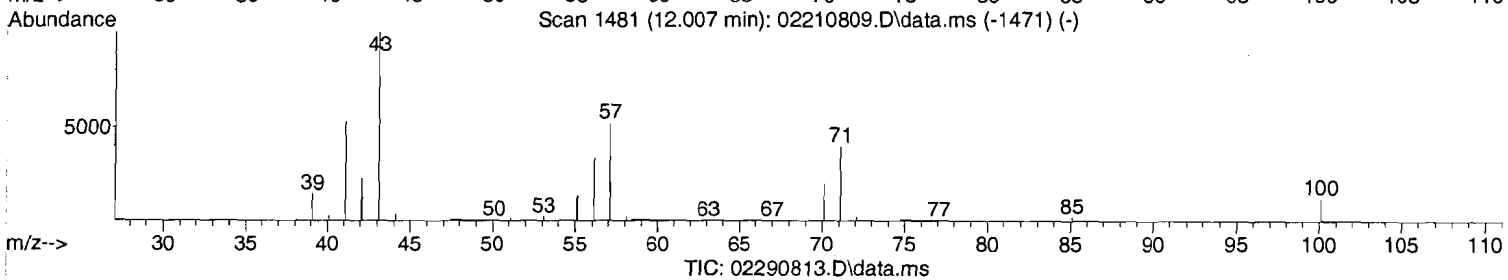
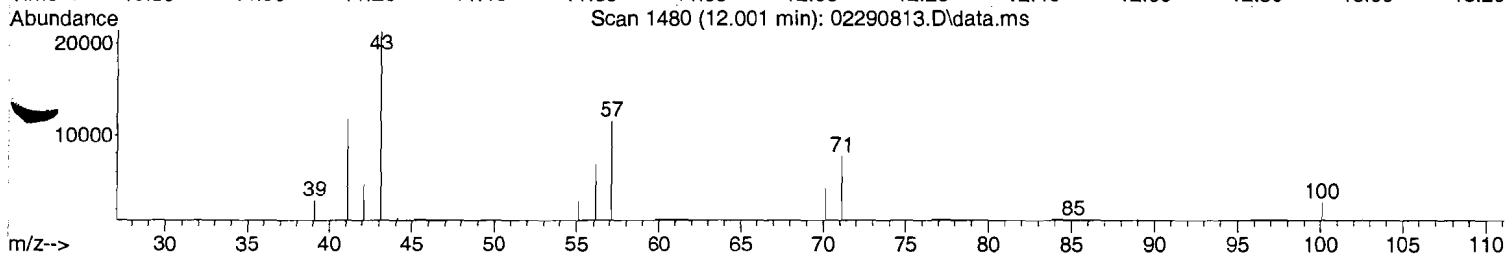
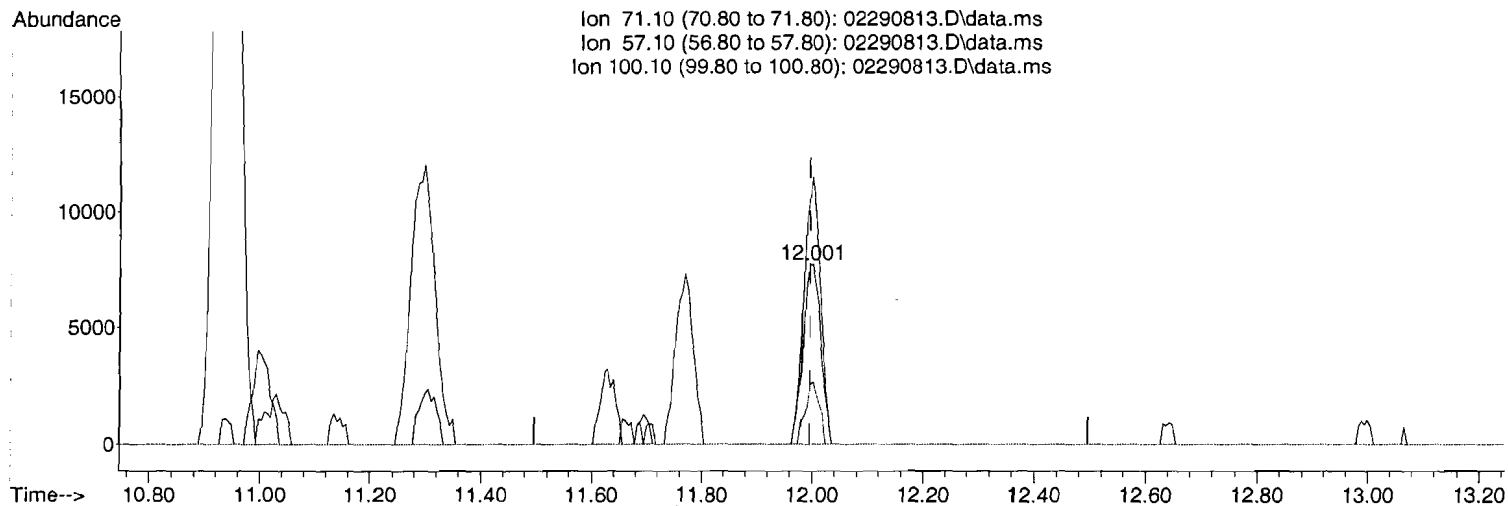
response 90596

Ion	Exp%	Act%
57.00	100	100
86.15	15.10	9.88
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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(51) n-Heptane (T)

12.001min (+0.006) 0.86ng

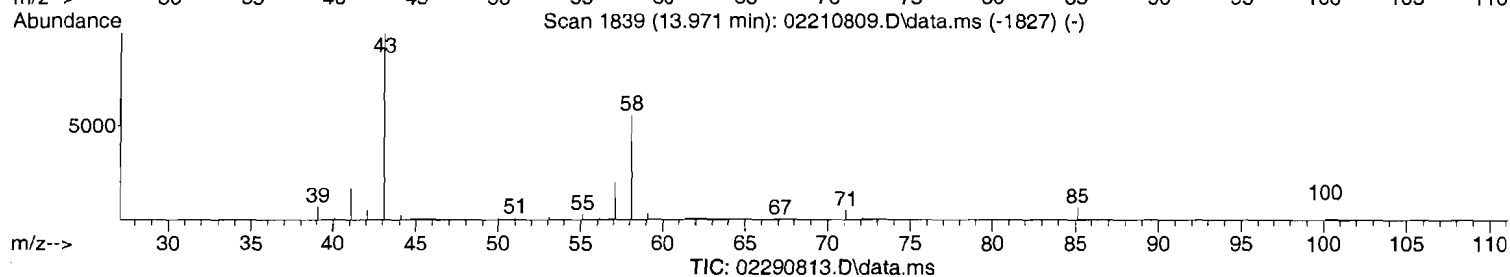
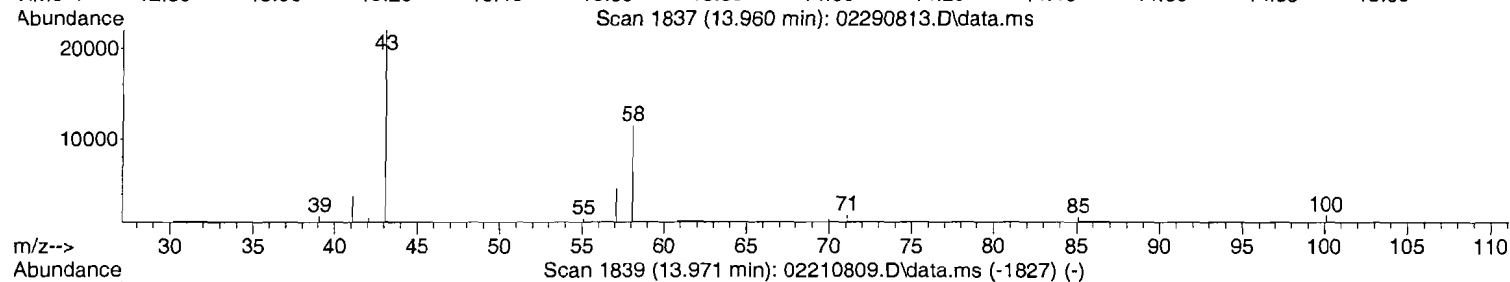
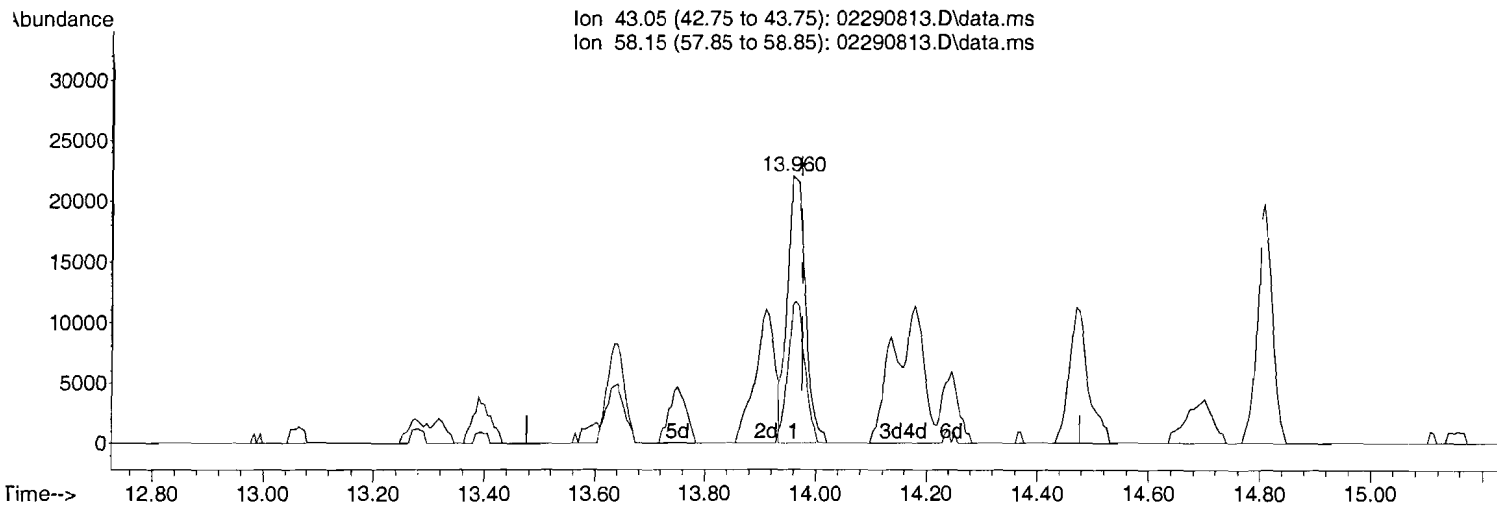
response 17241

Ion	Exp%	Act%
71.10	100	100
57.10	90.30	139.54#
100.10	26.30	27.68
0.00	0.00	0.00

Quantitation Report (Qedit)

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Misc : Walden SV-4 (0.8,3.5)
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Quant Method : J:\MS08\Methods\R8022108.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
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(59) 2-Hexanone (T)

13.960min (-0.016) 0.75ng

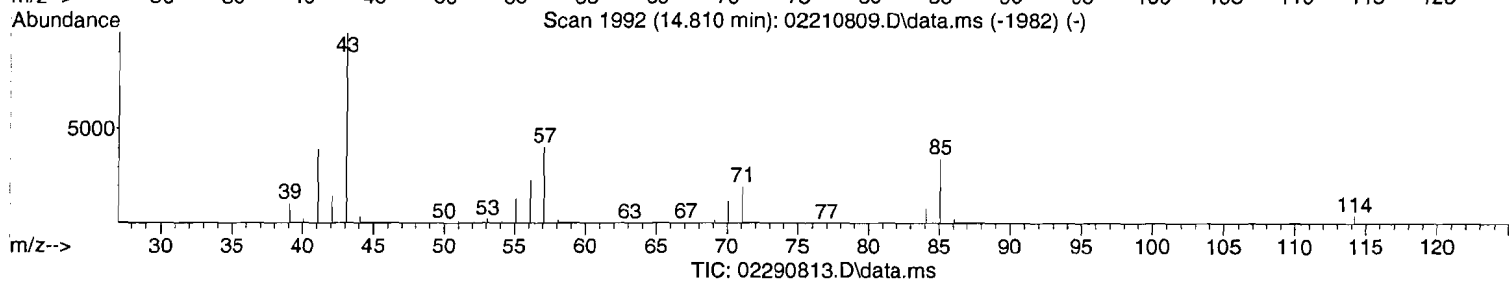
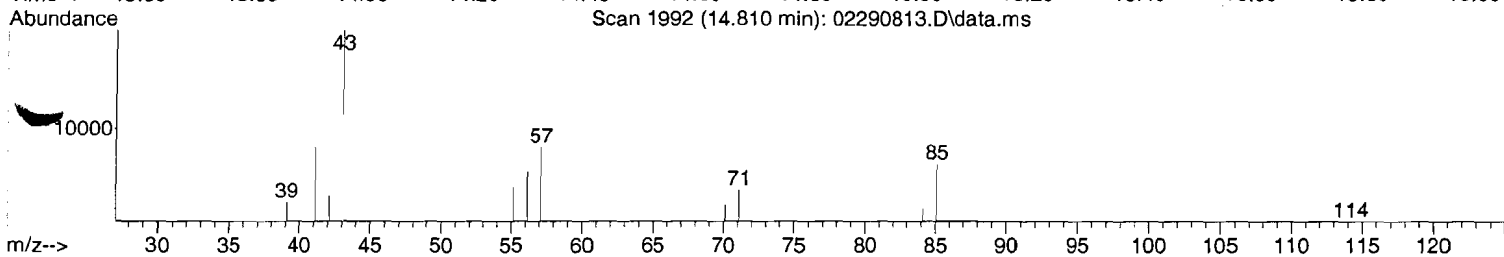
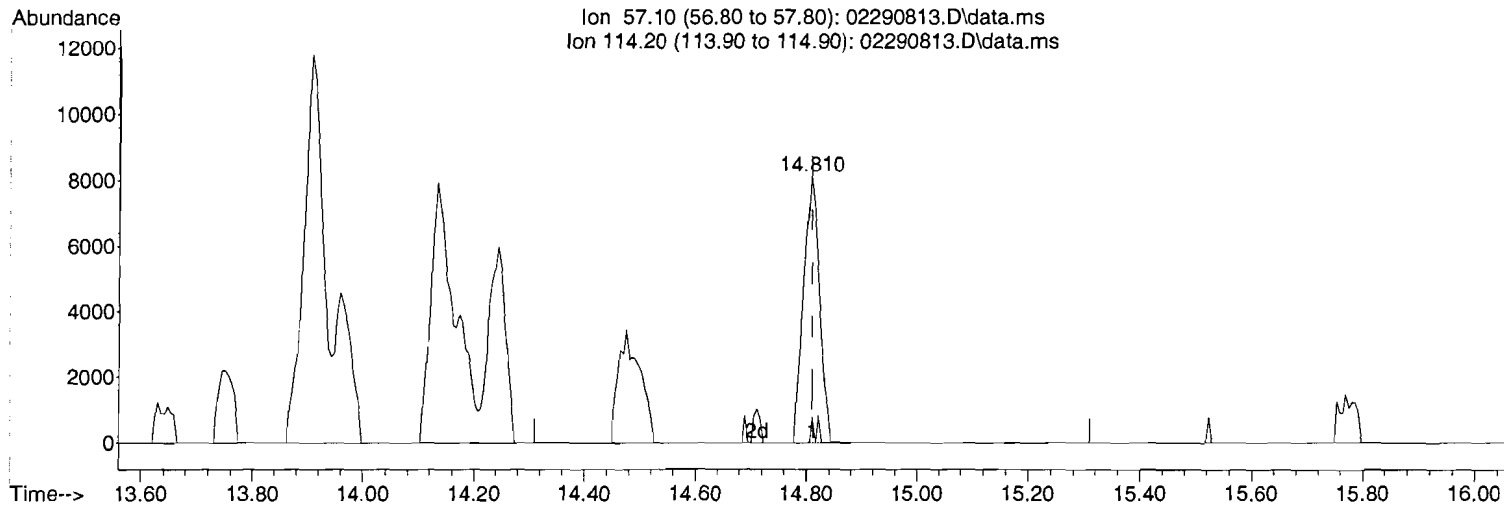
response 49619

Ion	Exp%	Act%
43.05	100	100
58.15	56.20	49.63
0.00	0.00	0.00
0.00	0.00	0.00

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(63) n-Octane (T)

14.810min (+0.000) 0.66ng

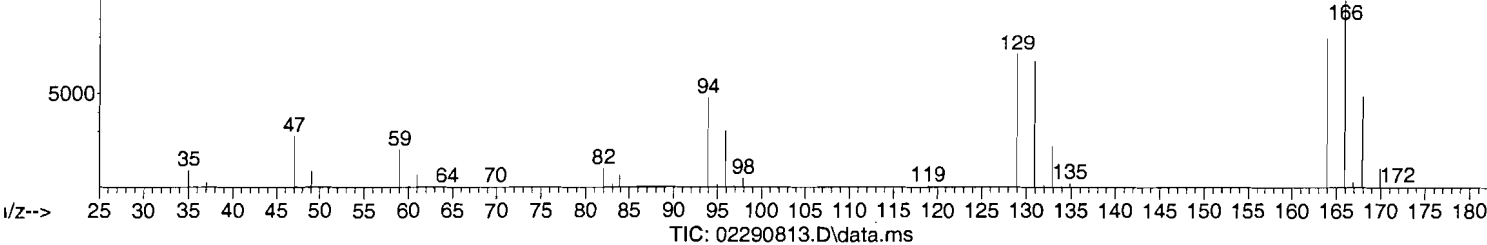
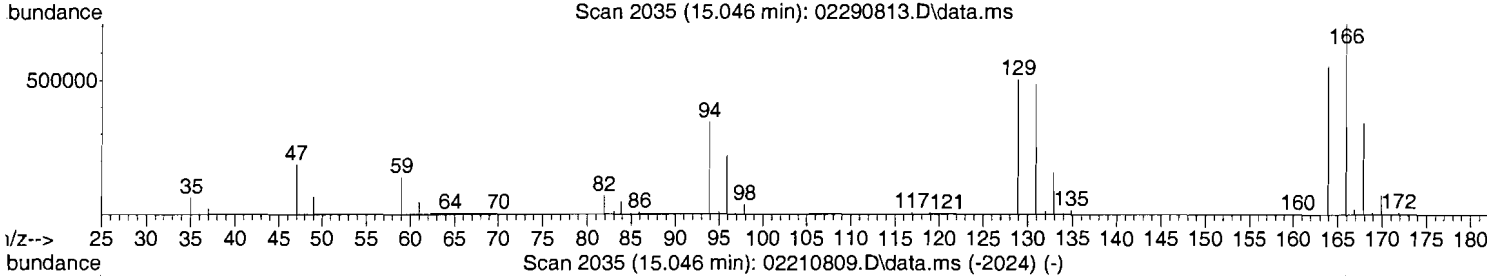
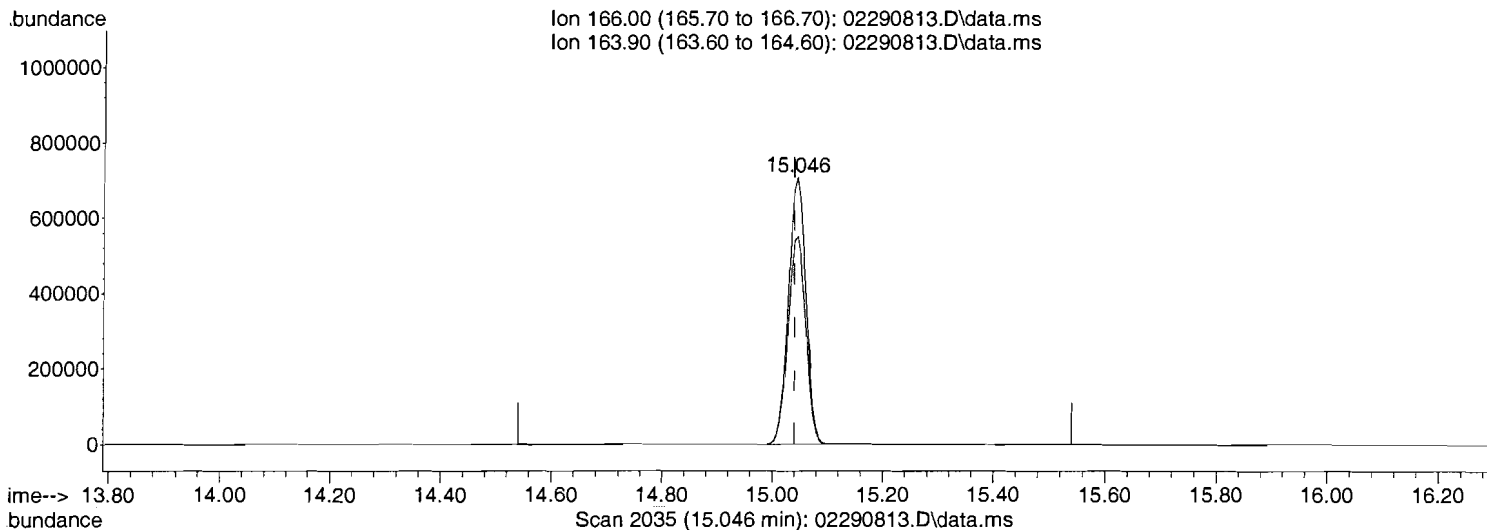
response 15642

Ion	Exp%	Act%
57.10	100	100
114.20	12.90	3.36
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : J:\MS08\Data\2008_02\29\
 Data File : 02290813.D
 Acq On : 29 Feb 2008 19:16
 Operator : SC
 Sample : P0800448-007 (100ml)
 Misc : Walden SV-4 (0.8,3.5)
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 03 08:51:44 2008
 Quant Method : J:\MS08\Methods\R8022108.M
 Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 QLast Update : Fri Feb 22 09:32:02 2008
 Response via : Initial Calibration



(64) Tetrachloroethene (T)

15.046min (+0.006) 74.95ng

response 1559923

Ion	Exp%	Act%
166.00	100	100
163.90	78.10	78.36
0.00	0.00	0.00
0.00	0.00	0.00

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COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Page 1 of 3

Client: **Walden Environmental Engineering, PLLC**Client Sample ID: **SV-5**Client Project ID: **Bayville Village Cleaners / BVC0106**CAS Project ID: **P0800448**CAS Sample ID: **P0800448-008**Test Code: **EPA TO-15**Instrument ID: **Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8**Analyst: **Simon Cao**Sampling Media: **6.0 L Summa Canister**

Test Notes:

Container ID: **SC00239**Date Collected: **2/25/08**Date Received: **2/26/08**Date Analyzed: **2/28 - 2/29/08**Volume(s) Analyzed: **0.50 Liter(s)****0.050 Liter(s)**Initial Pressure (psig): **0.7** Final Pressure (psig): **3.5**Canister Dilution Factor: **1.18**

CAS #	Compound	Result µg/m ³	MRL µg/m ³	Result ppbV	MRL ppbV	Data Qualifier
115-07-1	Propene	38	1.2	22	0.69	
75-71-8	Dichlorodifluoromethane (CFC 12)	2.7	1.2	0.54	0.24	
74-87-3	Chloromethane	ND	1.2	ND	0.57	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	ND	1.2	ND	0.17	
75-01-4	Vinyl Chloride	ND	1.2	ND	0.46	
106-99-0	1,3-Butadiene	5.3	1.2	2.4	0.53	
33-9	Bromomethane	ND	1.2	ND	0.30	
75-00-3	Chloroethane	ND	1.2	ND	0.45	
64-17-5	Ethanol	ND	12	ND	6.3	
75-05-8	Acetonitrile	3.2	1.2	1.9	0.70	
107-02-8	Acrolein	4.9	1.2	2.1	0.51	
67-64-1	Acetone	160	12	66	5.0	
75-69-4	Trichlorofluoromethane	1.3	1.2	0.23	0.21	
67-63-0	2-Propanol (Isopropyl Alcohol)	2.4	1.2	0.96	0.48	
107-13-1	Acrylonitrile	ND	1.2	ND	0.54	
75-35-4	1,1-Dichloroethene	ND	1.2	ND	0.30	
75-09-2	Methylene Chloride	ND	1.2	ND	0.34	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	ND	1.2	ND	0.38	
76-13-1	Trichlorotrifluoroethane	ND	1.2	ND	0.15	
75-15-0	Carbon Disulfide	3.5	1.2	1.1	0.38	
156-60-5	trans-1,2-Dichloroethene	ND	1.2	ND	0.30	
75-34-3	1,1-Dichloroethane	ND	1.2	ND	0.29	
1634-04-4	Methyl tert-Butyl Ether	ND	1.2	ND	0.33	
108-05-4	Vinyl Acetate	ND	12	ND	3.4	
78-93-3	2-Butanone (MEK)	38	1.2	13	0.40	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RLDate: 3/1/08

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COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Page 2 of 3

Client: **Walden Environmental Engineering, PLLC**Client Sample ID: **SV-5**Client Project ID: **Bayville Village Cleaners / BVC0106**

CAS Project ID: P0800448

CAS Sample ID: P0800448-008

Test Code: EPA TO-15

Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8

Analyst: Simon Cao

Sampling Media: 6.0 L Summa Canister

Test Notes:

Container ID: SC00239

Date Collected: 2/25/08

Date Received: 2/26/08

Date Analyzed: 2/28 - 2/29/08

Volume(s) Analyzed: 0.50 Liter(s)

0.050 Liter(s)

Initial Pressure (psig): 0.7 Final Pressure (psig): 3.5

Canister Dilution Factor: 1.18

CAS #	Compound	Result µg/m ³	MRL µg/m ³	Result ppbV	MRL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	ND	1.2	ND	0.30	
141-78-6	Ethyl Acetate	2.4	1.2	0.65	0.33	
110-54-3	n-Hexane	2.4	1.2	0.69	0.33	
67-66-3	Chloroform	ND	1.2	ND	0.24	
109-99-9	Tetrahydrofuran (THF)	34	1.2	12	0.40	
107-06-2	1,2-Dichloroethane	ND	1.2	ND	0.29	
71-55-6	1,1,1-Trichloroethane	ND	1.2	ND	0.22	
71-43-2	Benzene	4.9	1.2	1.5	0.37	
56-23-5	Carbon Tetrachloride	ND	1.2	ND	0.19	
110-82-7	Cyclohexane	ND	1.2	ND	0.34	
78-87-5	1,2-Dichloropropane	ND	1.2	ND	0.26	
75-27-4	Bromodichloromethane	ND	1.2	ND	0.18	
79-01-6	Trichloroethene	2.9	1.2	0.54	0.22	
123-91-1	1,4-Dioxane	ND	1.2	ND	0.33	
80-62-6	Methyl Methacrylate	ND	1.2	ND	0.29	
142-82-5	n-Heptane	12	1.2	3.0	0.29	
10061-01-5	cis-1,3-Dichloropropene	ND	1.2	ND	0.26	
108-10-1	4-Methyl-2-pentanone	5.0	1.2	1.2	0.29	
10061-02-6	trans-1,3-Dichloropropene	ND	1.2	ND	0.26	
79-00-5	1,1,2-Trichloroethane	ND	1.2	ND	0.22	
108-88-3	Toluene	6.9	1.2	1.8	0.31	
591-78-6	2-Hexanone	ND	1.2	ND	0.29	
124-48-1	Dibromochloromethane	ND	1.2	ND	0.14	
106-93-4	1,2-Dibromoethane	ND	1.2	ND	0.15	
123-86-4	n-Butyl Acetate	ND	1.2	ND	0.25	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RC Date: 3/11/08**215**

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Page 3 of 3

Client: Walden Environmental Engineering, PLLC
Client Sample ID: SV-5
Client Project ID: Bayville Village Cleaners / BVC0106

CAS Project ID: P0800448
 CAS Sample ID: P0800448-008

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Simon Cao
Sampling Media: 6.0 L Summa Canister
Test Notes:
Container ID: SC00239

Date Collected: 2/25/08
Date Received: 2/26/08
Date Analyzed: 2/28 - 2/29/08
Volume(s) Analyzed: 0.50 Liter(s)
 0.050 Liter(s)

Initial Pressure (psig): 0.7 **Final Pressure (psig):** 3.5

Canister Dilution Factor: 1.18

CAS #	Compound	Result µg/m ³	MRL µg/m ³	Result ppbV	MRL ppbV	Data Qualifier
111-65-9	n-Octane	ND	1.2	ND	0.25	
127-18-4	Tetrachloroethene	920	1.2	140	0.17	
108-90-7	Chlorobenzene	ND	1.2	ND	0.26	
100-41-4	Ethylbenzene	ND	1.2	ND	0.27	
179601-23-1	m,p-Xylenes	ND	2.4	ND	0.54	
75-25-2	Bromoform	ND	1.2	ND	0.11	
42-5	Styrene	ND	1.2	ND	0.28	
95-47-6	o-Xylene	ND	1.2	ND	0.27	
111-84-2	n-Nonane	ND	1.2	ND	0.23	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.2	ND	0.17	
98-82-8	Cumene	ND	1.2	ND	0.24	
80-56-8	alpha-Pinene	ND	1.2	ND	0.21	
103-65-1	n-Propylbenzene	ND	1.2	ND	0.24	
622-96-8	4-Ethyltoluene	ND	1.2	ND	0.24	
108-67-8	1,3,5-Trimethylbenzene	ND	1.2	ND	0.24	
95-63-6	1,2,4-Trimethylbenzene	ND	1.2	ND	0.24	
100-44-7	Benzyl Chloride	ND	1.2	ND	0.23	
541-73-1	1,3-Dichlorobenzene	ND	1.2	ND	0.20	
106-46-7	1,4-Dichlorobenzene	ND	1.2	ND	0.20	
95-50-1	1,2-Dichlorobenzene	ND	1.2	ND	0.20	
5989-27-5	d-Limonene	ND	1.2	ND	0.21	
96-12-8	1,2-Dibromo-3-chloropropane	ND	1.2	ND	0.12	
120-82-1	1,2,4-Trichlorobenzene	ND	1.2	ND	0.16	
91-20-3	Naphthalene	ND	1.2	ND	0.23	
87-68-3	Hexachlorobutadiene	ND	1.2	ND	0.11	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

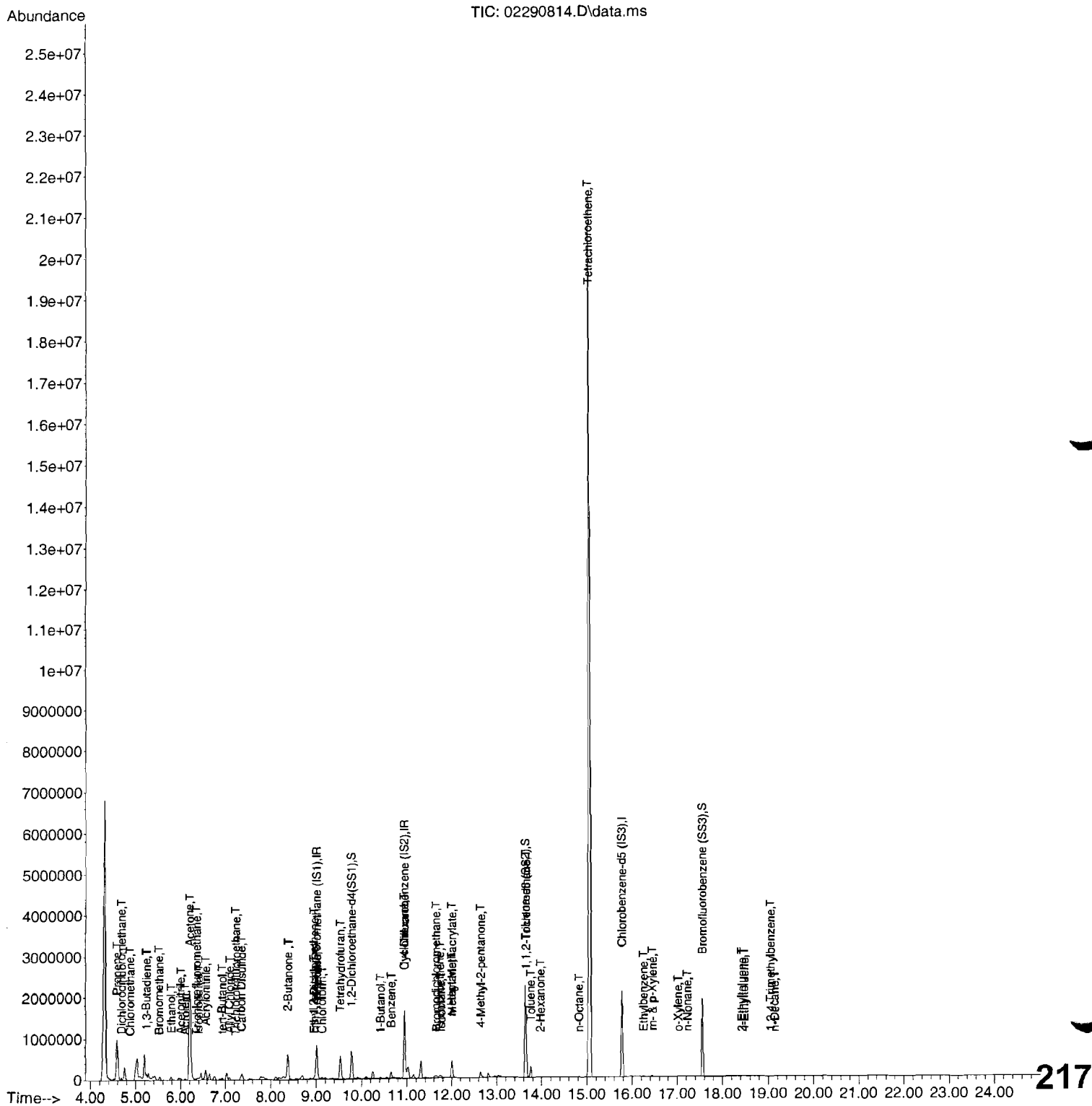
Verified By: *RG*

Date: 3/11/08

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Data Path : J:\MS08\Data\2008_02\29\
Data File : 02290814.D
Acq On : 29 Feb 2008 19:53
Operator : SC
Sample : P0800448-008 (500ml)
Misc : Walden SV-5 (0.7,3.5) ✓
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Mar 10 13:33:20 2008
Quant Method : J:\MS08\Methods\R8022108.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Fri Feb 22 09:32:02 2008
Response via : Initial Calibration



Data Path : J:\MS08\Data\2008_02\29\
 Data File : 02290814.D
 Acq On : 29 Feb 2008 19:53
 Operator : SC
 Sample : P0800448-008 (500ml)
 c : Walden SV-5 (0.7,3.5)
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Mar 10 13:33:20 2008
 Quant Method : J:\MS08\Methods\R8022108.M
 Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 QLast Update : Fri Feb 22 09:32:02 2008
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane (IS1)	9.01	130	301685	25.000	ng	0.01
37) 1,4-Difluorobenzene (IS2)	10.94	114	1476263	25.000	ng	0.00
56) Chlorobenzene-d5 (IS3)	15.77	82	857476	25.000	ng	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4(...)	9.78	65	638671	22.940	ng	0.01
Spiked Amount	25.000		Recovery	=	91.76%	
57) Toluene-d8 (SS2)	13.64	98	1750753	24.699	ng	0.00
Spiked Amount	25.000		Recovery	=	98.80%	
73) Bromofluorobenzene (SS3)	17.55	174	611766	24.666	ng	0.00
Spiked Amount	25.000		Recovery	=	98.68%	

Target Compounds

						Qvalue
2) Propene	4.58	42	436768	16.005 ng		96
3) Dichlorodifluoromethane	4.68	85	48352	1.134 ng		97
4) Chloromethane	4.87	50	7565	0.163 ng	#	42
5) Freon 114	0.00	135	0	N.D.		
6) Vinyl Chloride	0.00	62	0	N.D.		
7) 1,3-Butadiene	5.23	54	73781m	2.257 ng		
8) Bromomethane	5.51	94	5178	0.337 ng		94
9) Chloroethane	5.67	64	534	N.D.		
10) Ethanol	5.79	45	88759	4.896 ng		98
11) Acetonitrile	5.99	41	71840	1.363 ng		95
12) Acrolein	6.09	56	29812	2.072 ng		98
13) Acetone	6.20	58	1459800	66.544 ng		89
14) Trichlorofluoromethane	6.35	101	17273	0.555 ng		97
15) Isopropanol	6.40	45	65860	1.000 ng	#	61
16) Acrylonitrile	6.56	53	33035	0.933 ng	#	16
17) 1,1-Dichloroethene	0.00	96	0	N.D.		
18) tert-Butanol	6.93	59	14486	0.219 ng	#	18
19) Methylene Chloride	7.01	84	255	N.D.		
20) Allyl Chloride	7.09	41	9284	0.263 ng	#	40
21) Trichlorotrifluoroethane	7.23	151	3740	0.259 ng		94
22) Carbon Disulfide	7.35	76	122680	1.465 ng		97
23) trans-1,2-Dichloroethene	0.00	61	0	N.D.		
24) 1,1-Dichloroethane	8.21	63	1093	N.D.		
25) Methyl tert-Butyl Ether	0.00	73	0	N.D.		
26) Vinyl Acetate	0.00	86	0	N.D.		
27) 2-Butanone	8.38	72	193849	16.035 ng	#	41
28) cis-1,2-Dichloroethene	8.95	61	7798	0.247 ng	#	11
29) Diisopropyl Ether	0.00	87	0	N.D.		
30) Ethyl Acetate	8.95	61	7798	0.996 ng		78
31) n-Hexane	9.02	57	48339	1.037 ng		91
32) Chloroform	9.12	83	5109	0.193 ng		90
34) Tetrahydrofuran	9.53	72	169899	14.491 ng	#	62
35) Ethyl tert-Butyl Ether	0.00	87	0	N.D.		
36) 1,2-Dichloroethane	0.00	62	0	N.D.		
38) 1,1,1-Trichloroethane	10.17	97	1084	N.D.		
39) Isopropyl Acetate	0.00	61	0	N.D.		
40) 1-Butanol	10.42	56	8814	0.315 ng	#	1
41) Benzene	10.65	78	154928	2.059 ng		97
42) Carbon Tetrachloride	0.00	117	0	N.D.		
43) Cyclohexane	10.94	84	7919	0.244 ng	#	1
44) tert-Amyl Methyl Ether	0.00	73	0	N.D.		
45) 1,2-Dichloropropane	11.50	63	299	N.D.		
46) Bromodichloromethane	11.65	83	6971	0.258 ng	#	18

3/10/08

Data Path : J:\MS08\Data\2008_02\29\
 Data File : 02290814.D
 Acq On : 29 Feb 2008 19:53
 Operator : SC
 Sample : P0800448-008 (500ml)
 Misc : Walden SV-5 (0.7,3.5) ✓
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Mar 10 13:33:20 2008
 Quant Method : J:\MS08\Methods\R8022108.M
 Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 QLast Update : Fri Feb 22 09:32:02 2008
 Response via : Initial Calibration

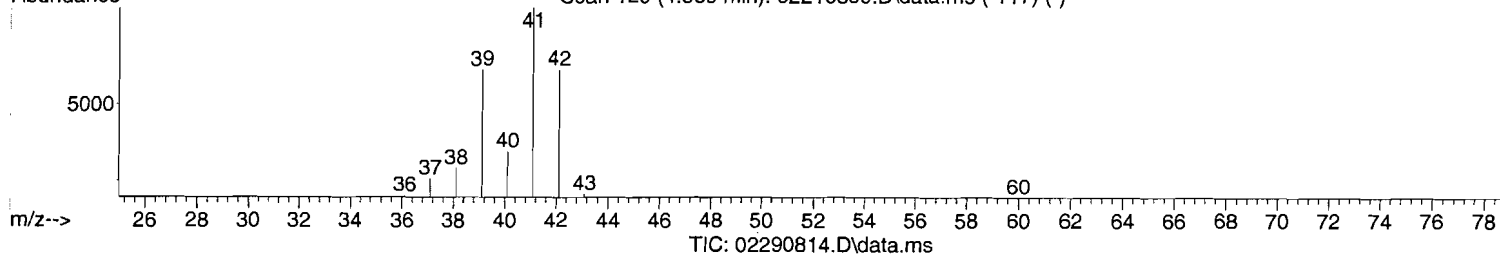
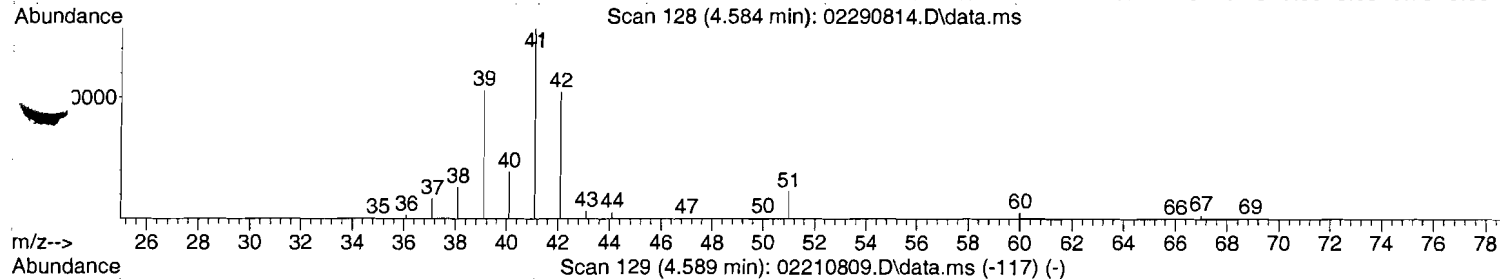
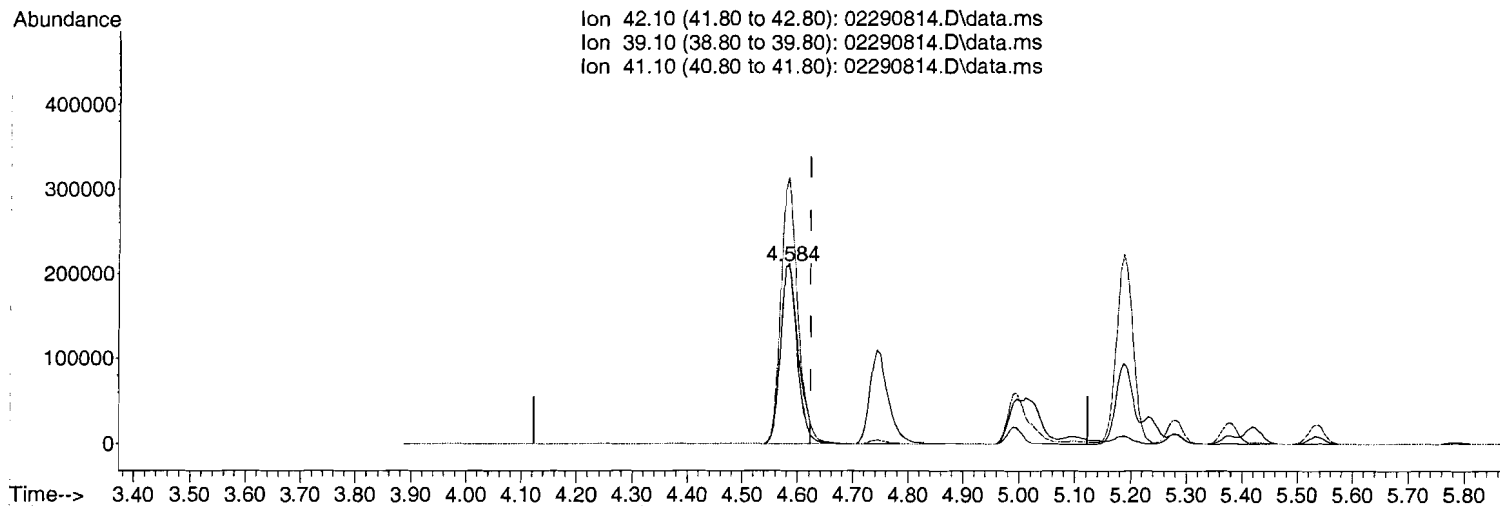
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) Trichloroethene	11.73	130	20941	1.221 ng		96
48) 1,4-Dioxane	0.00	88	0	N.D.		
49) Isooctane	11.76	57	14960	0.125 ng	#	1
50) Methyl Methacrylate	12.00	100	29734	3.675 ng	#	1
51) n-Heptane	12.00	71	102135	5.184 ng	#	74
52) cis-1,3-Dichloropropene	0.00	75	0	N.D.		
53) 4-Methyl-2-pentanone	12.64	58	55927	2.112 ng		84
54) trans-1,3-Dichloropropene	0.00	75	0	N.D.		
55) 1,1,2-Trichloroethane	13.65	97	153446	8.799 ng	#	6
58) Toluene	13.75	91	238613	2.913 ng		100
59) 2-Hexanone	13.97	43	14000	0.211 ng		77
60) Dibromochloromethane	0.00	129	0	N.D.		
61) 1,2-Dibromoethane	0.00	107	0	N.D.		
62) Butyl Acetate	14.62	43	838	N.D.		
63) n-Octane	14.82	57	6908	0.287 ng	#	67
64) Tetrachloroethene	15.06	166	8067831	384.393 ng	see Data	98
65) Chlorobenzene	15.85	112	913	N.D.		
66) Ethylbenzene	16.25	91	25354	0.258 ng		89
67) m- & p-Xylene	16.44	91	47833	0.723 ng		94
68) Bromoform	0.00	173	0	N.D.		
69) Styrene	16.88	104	341	N.D.		
70) o-Xylene	17.02	91	13727	0.193 ng		92
71) n-Nonane	17.22	43	9537	0.161 ng		88
72) 1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.		
74) Cumene	17.71	105	1302	N.D.		
75) alpha-Pinene	18.17	93	2347	N.D.		
76) n-Propylbenzene	18.31	91	4116	N.D.		
77) 3-Ethyltoluene	18.43	105	8411	0.087 ng		93
78) 4-Ethyltoluene	18.48	105	4522	0.050 ng		69
79) 1,3,5-Trimethylbenzene	18.56	105	3258	N.D.		
80) alpha-Methylstyrene	0.00	118	0	N.D.		
81) 2-Ethyltoluene	18.56	105	3258	N.D.		
82) 1,2,4-Trimethylbenzene	19.05	105	7505	0.093 ng		82
83) n-Decane	19.14	57	3601	0.058 ng	#	41
84) Benzyl Chloride	0.00	91	0	N.D.		
85) 1,3-Dichlorobenzene	0.00	146	0	N.D.		
86) 1,4-Dichlorobenzene	0.00	146	0	N.D.		
87) sec-Butylbenzene	19.56	105	2044	N.D.		
88) p-Isopropyltoluene	19.55	119	259	N.D.		
89) 1,2,3-Trimethylbenzene	19.56	105	2044	N.D.		
90) 1,2-Dichlorobenzene	0.00	146	0	N.D.		
91) d-Limonene	0.00	68	0	N.D.		
92) 1,2-Dibromo-3-Chloropr...	0.00	157	0	N.D.		
93) n-Undecane	0.00	57	0	N.D.		
94) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.		
95) Naphthalene	0.00	128	0	N.D.		
96) n-Dodecane	0.00	57	0	N.D.		
97) Hexachloro-1,3-butadiene	0.00	225	0	N.D.		

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

Quantitation Report (Qedit)

Data Path : J:\MS08\Data\2008_02\29\
 Data File : 02290814.D
 Acq On : 29 Feb 2008 19:53
 Operator : SC
 Sample : P0800448-008 (500ml)
 .sc : Walden SV-5 (0.7,3.5)
 Vial : 13 Sample Multiplier: 1

Quant Time: Mar 03 08:51:57 2008
 Quant Method : J:\MS08\Methods\R8022108.M
 Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 QLast Update : Fri Feb 22 09:32:02 2008
 Response via : Initial Calibration



(2) Propene (T)

4.584min (-0.038) 16.00ng

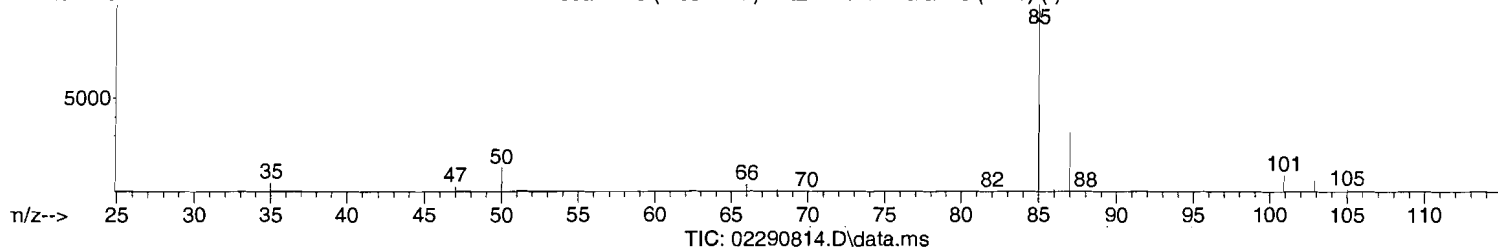
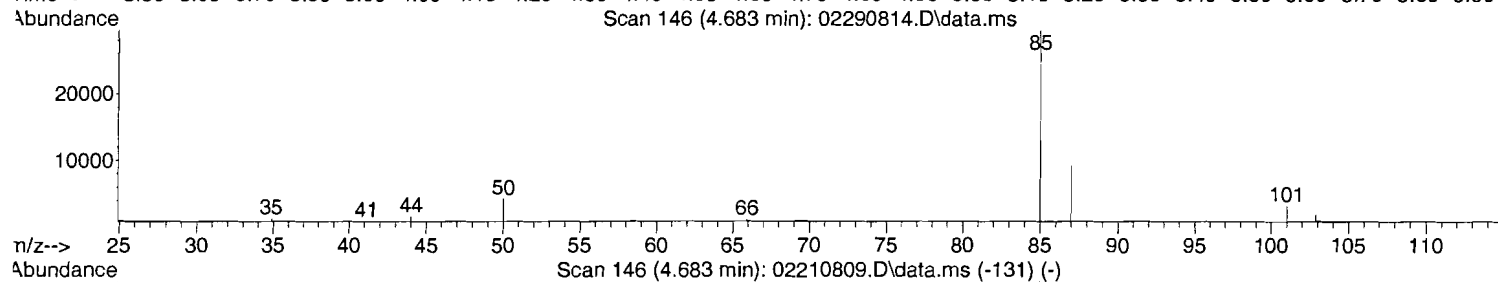
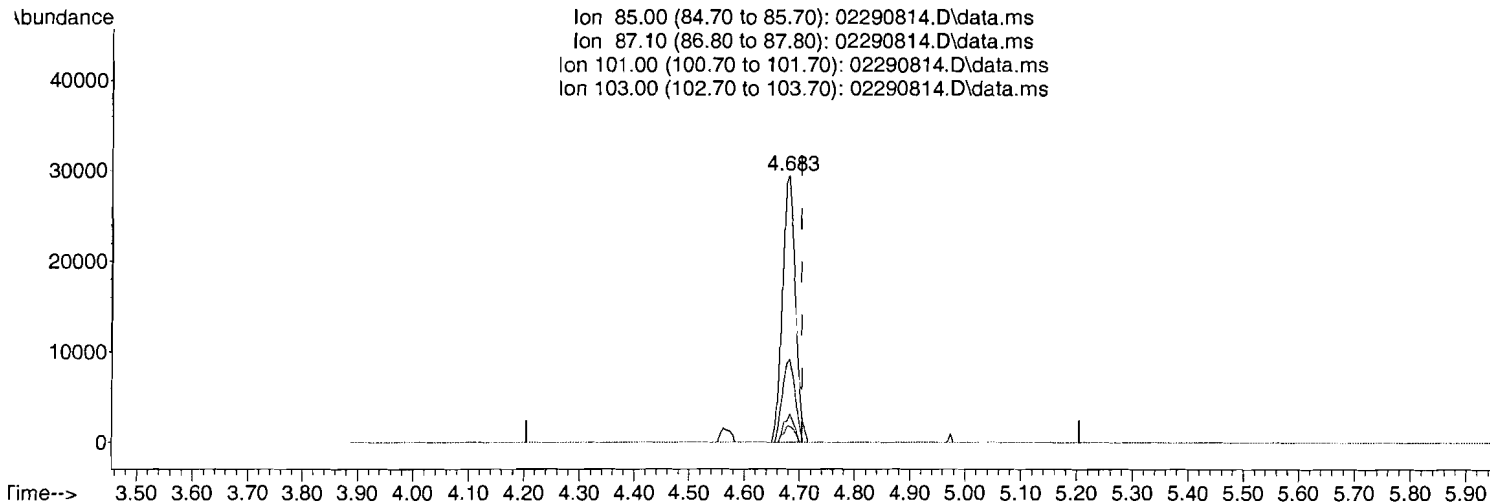
response 436768

Ion	Exp%	Act%
42.10	100	100
39.10	104.00	108.69
41.10	148.40	152.36
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : J:\MS08\Data\2008_02\29\
 Data File : 02290814.D
 Acq On : 29 Feb 2008 19:53
 Operator : SC
 Sample : P0800448-008 (500ml)
 Misc : Walden SV-5 (0.7,3.5)
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Mar 03 08:51:57 2008
 Quant Method : J:\MS08\Methods\R8022108.M
 Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 QLast Update : Fri Feb 22 09:32:02 2008
 Response via : Initial Calibration



(3) Dichlorodifluoromethane (T)

4.683min (-0.022) 1.13ng

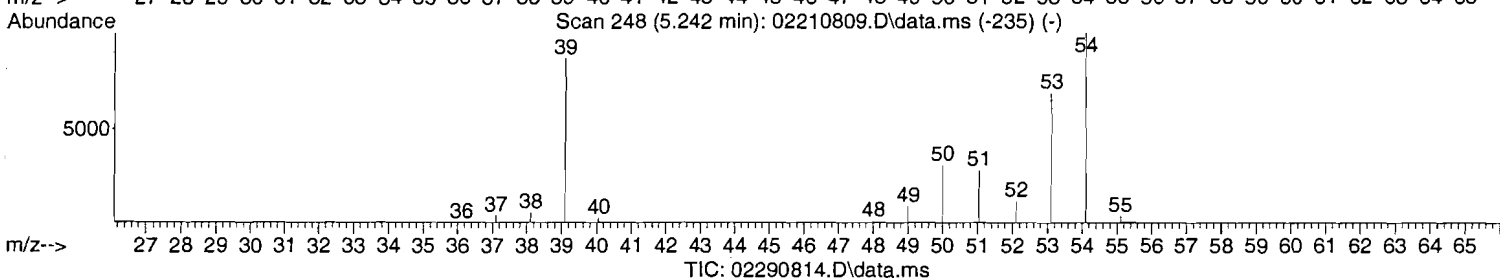
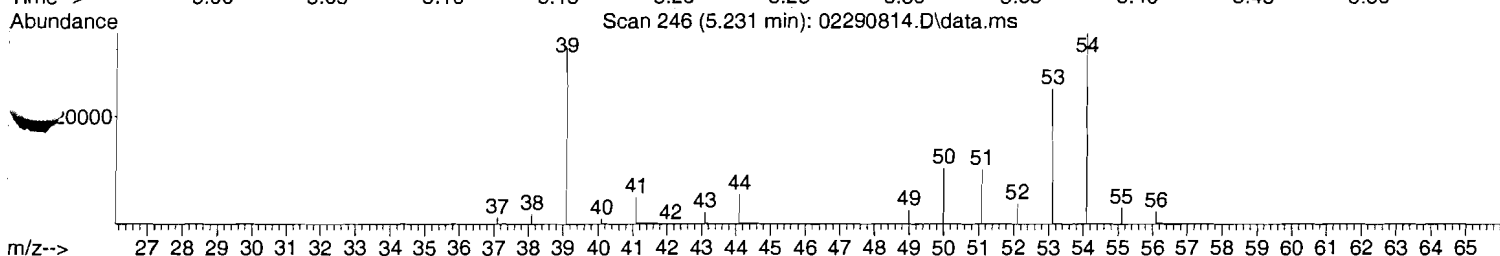
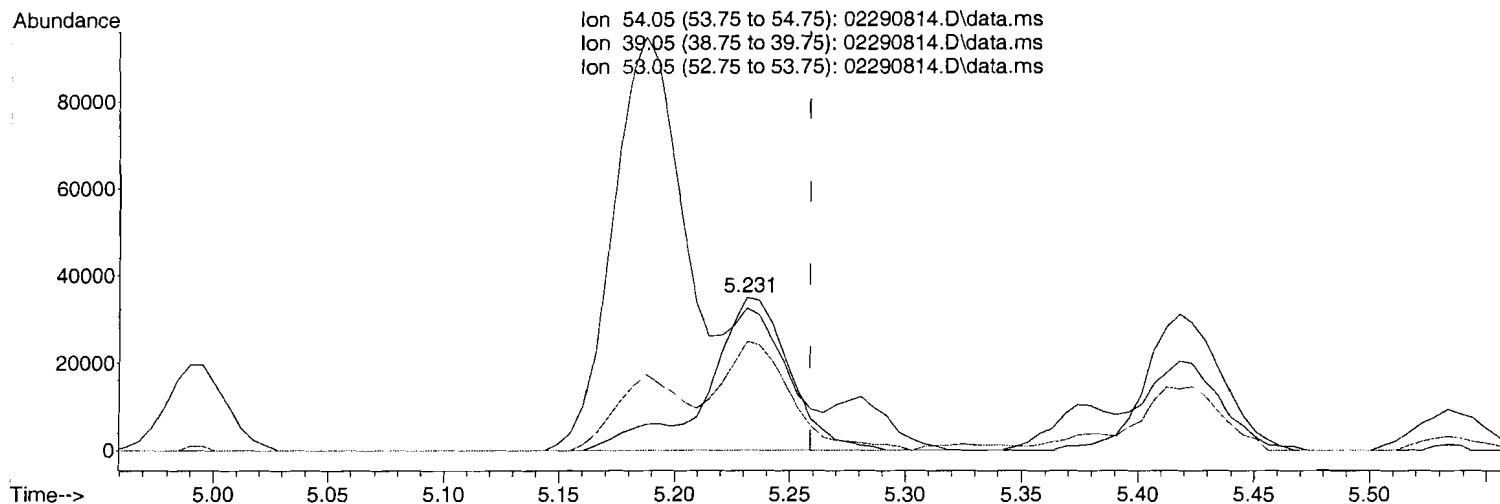
response 48352

Ion	Exp%	Act%
85.00	100	100
87.10	32.60	30.23
101.00	8.50	8.23
103.00	5.60	5.19

Quantitation Report (Qedit)

Data Path : J:\MS08\Data\2008_02\29\
 Data File : 02290814.D
 Acq On : 29 Feb 2008 19:53
 Operator : SC
 Sample : P0800448-008 (500ml)
 Lsc : Walden SV-5 (0.7,3.5)
 LS Vial : 13 Sample Multiplier: 1

Quant Time: Mar 03 09:51:57 2008
 Quant Method : J:\MS08\Methods\R8022108.M
 Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 QLast Update : Fri Feb 22 09:32:02 2008
 Response via : Initial Calibration



(7) 1,3-Butadiene (T)

5.231min (-0.027) 2.62ng

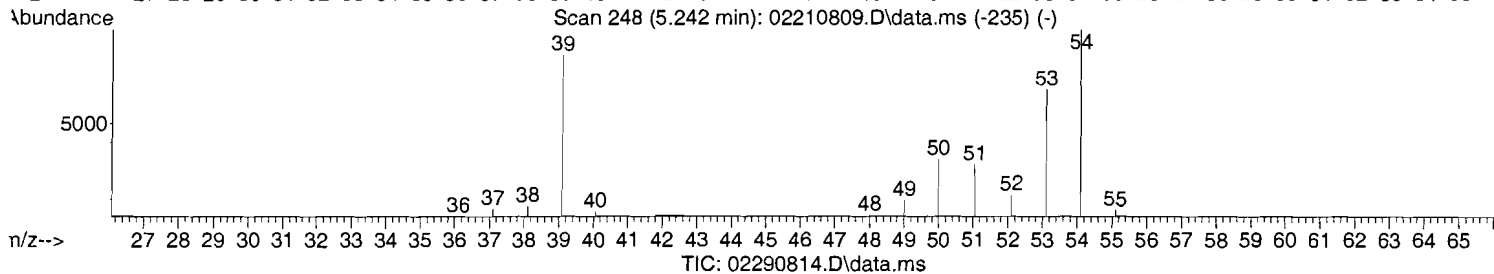
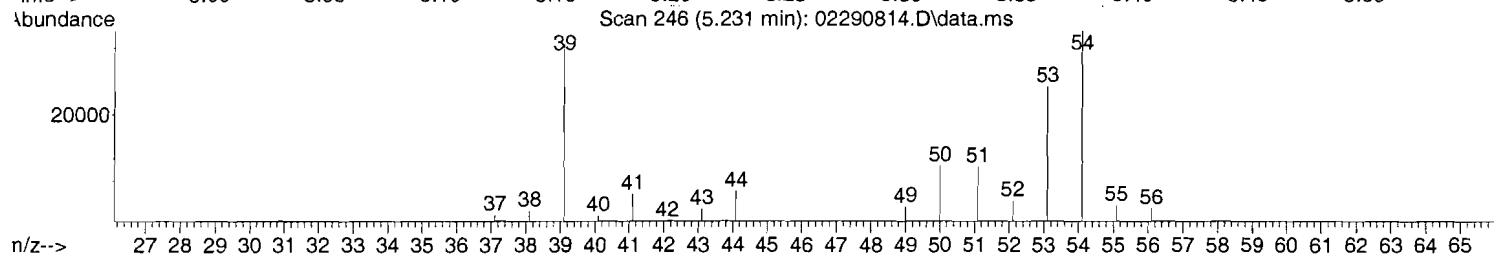
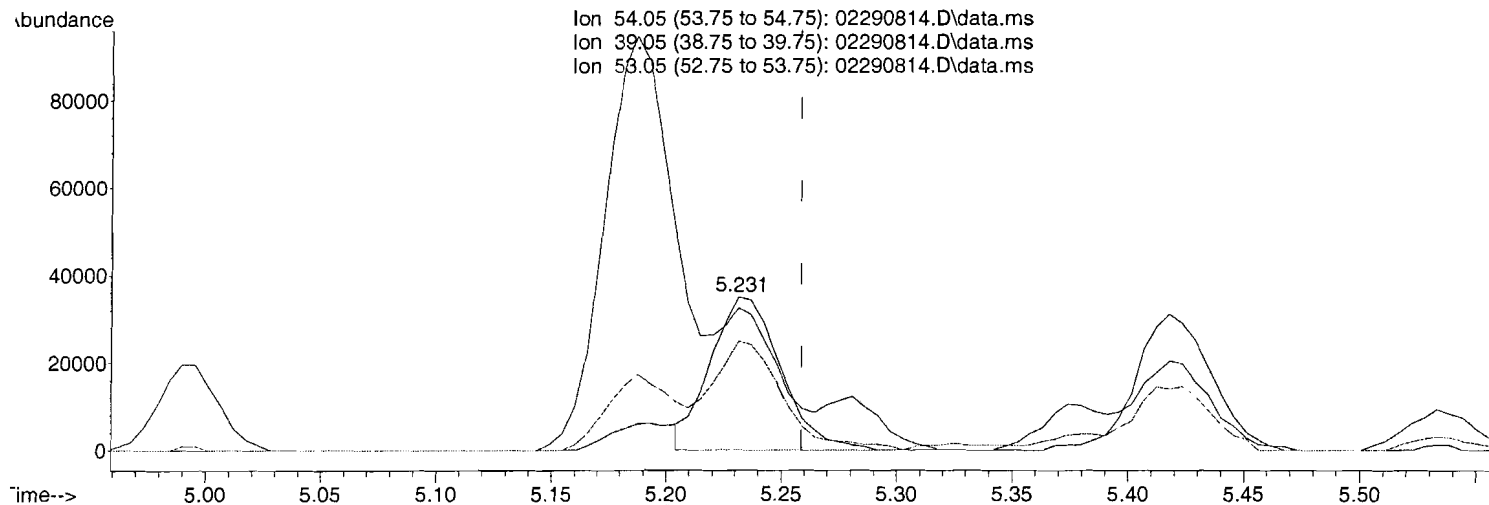
response 85593

Ion	Exp%	Act%
54.05	100	100
39.05	109.50	0.00#
53.05	68.30	61.37
0.00	0.00	0.00

Shoulder

Data Path : J:\MS08\Data\2008_02\29\
Data File : 02290814.D
Acq On : 29 Feb 2008 19:53
Operator : SC
Sample : P0800448-008 (500ml)
Misc : Walden SV-5 (0.7,3.5)
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Mar 03 09:51:57 2008
Quant Method : J:\MS08\Methods\R8022108.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Fri Feb 22 09:32:02 2008
Response via : Initial Calibration



(7) 1,3-Butadiene (T)

5.231min (-0.027) 2.26ng m

response 73781

Ion	Exp%	Act%
54.05	100	100
39.05	109.50	0.00#
53.05	68.30	71.19
0.00	0.00	0.00

W/c shoulder peak

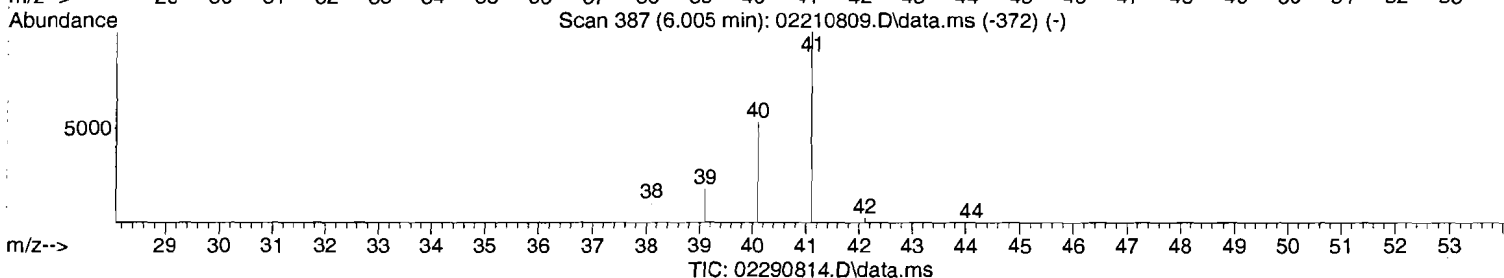
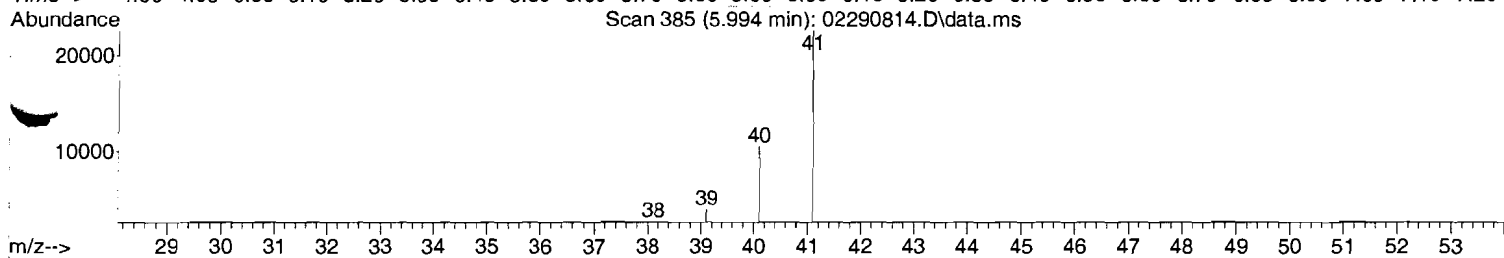
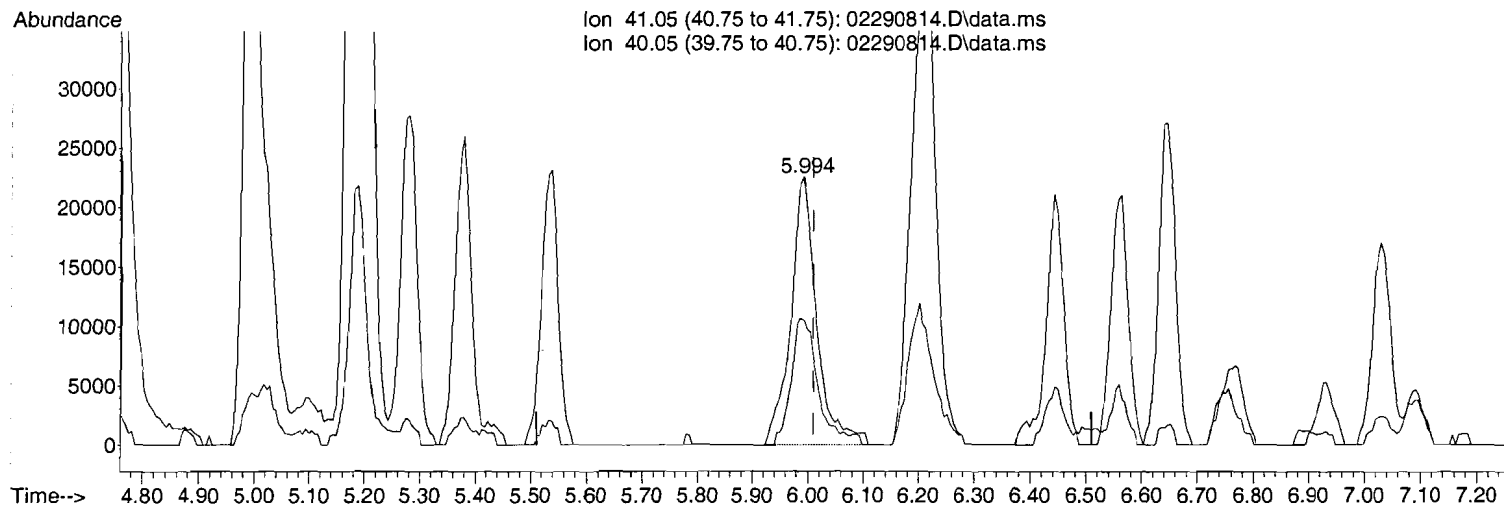
3/10/08

LM 3/10/08

Quantitation Report (Qedit)

Data Path : J:\MS08\Data\2008_02\29\
 Data File : 02290814.D
 Acq On : 29 Feb 2008 19:53
 Operator : SC
 Sample : P0800448-008 (500ml)
 Vial : 13 Sample Multiplier: 1

Quant Time: Mar 03 08:51:57 2008
 Quant Method : J:\MS08\Methods\R8022108.M
 Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 QLast Update : Fri Feb 22 09:32:02 2008
 Response via : Initial Calibration



(11) Acetonitrile (T)

5.994min (-0.016) 1.36ng

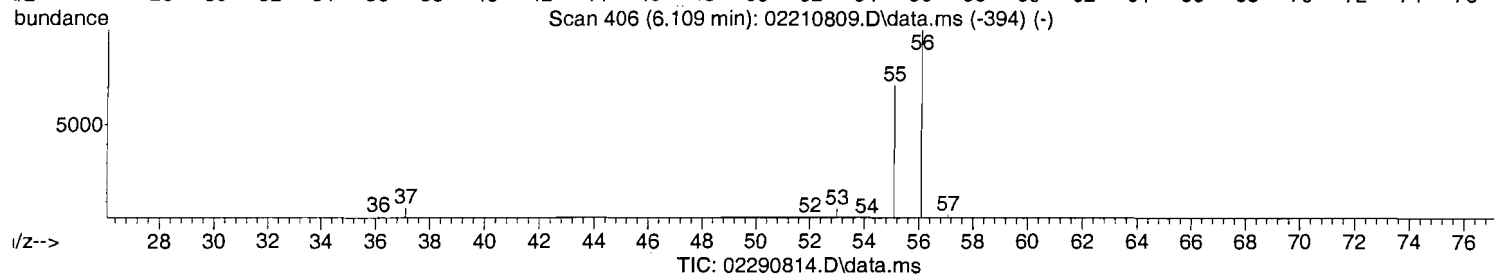
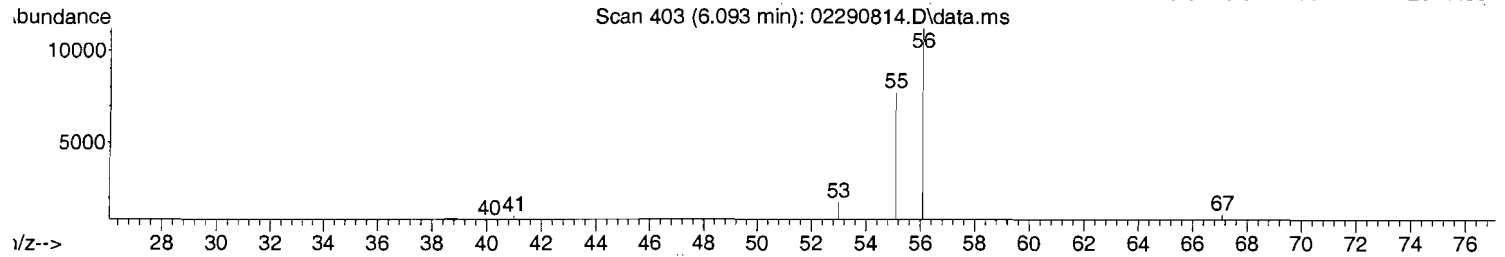
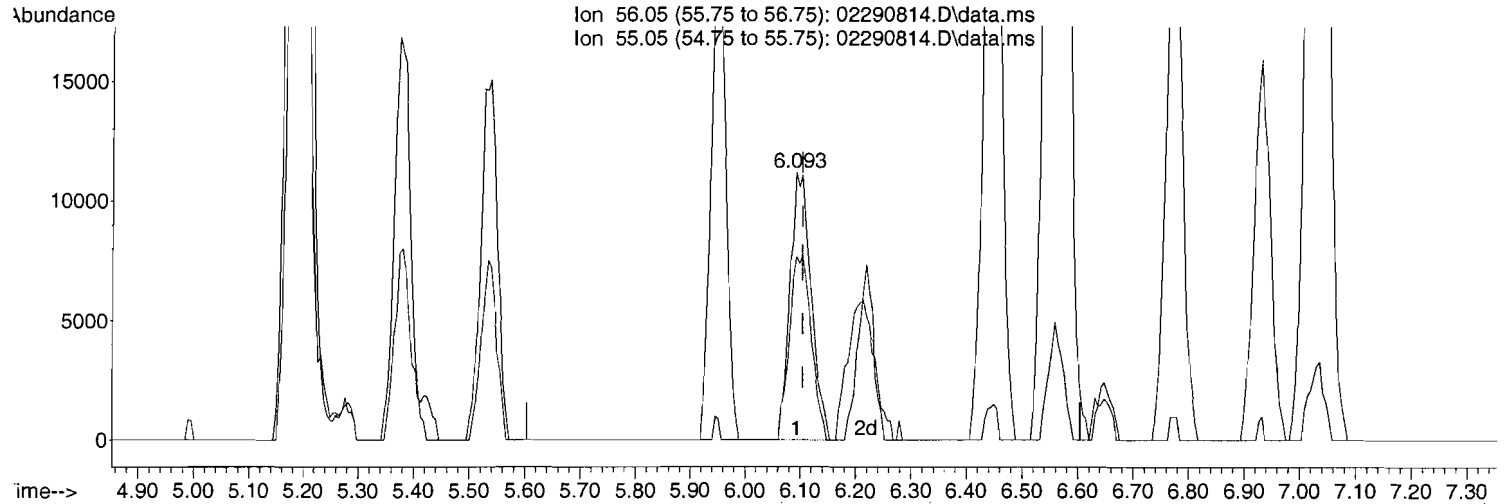
response 71840

Ion	Exp%	Act%
41.05	100	100
40.05	53.40	49.61
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : J:\MS08\Data\2008_02\29\
 Data File : 02290814.D
 Acq On : 29 Feb 2008 19:53
 Operator : SC
 Sample : P0800448-008 (500ml)
 Misc : Walden SV-5 (0.7,3.5)
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Mar 03 08:51:57 2008
 Quant Method : J:\MS08\Methods\R8022108.M
 Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 QLast Update : Fri Feb 22 09:32:02 2008
 Response via : Initial Calibration



(12) Acrolein (T)

6.093min (-0.011) 2.07ng

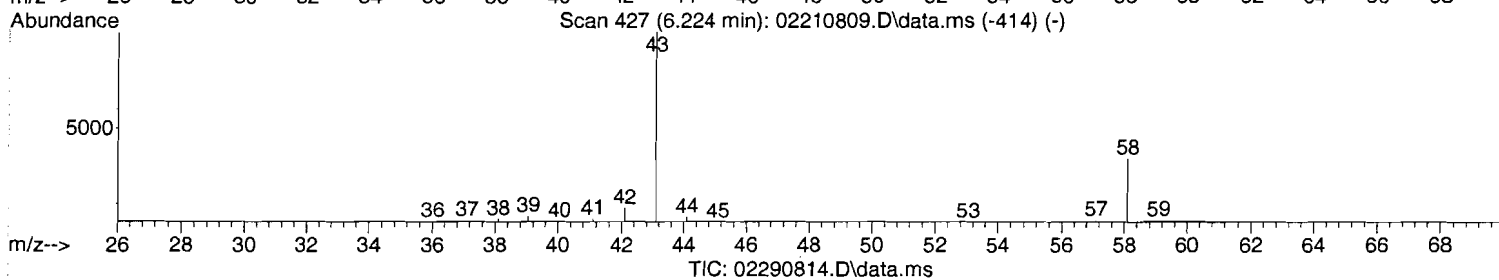
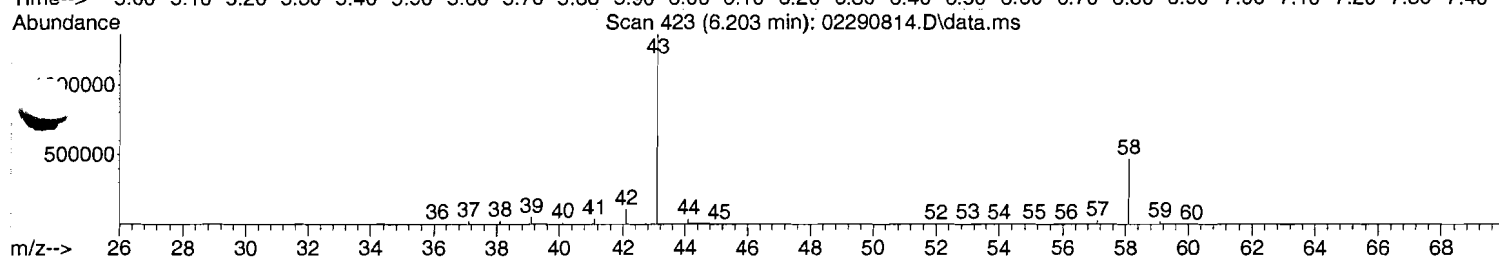
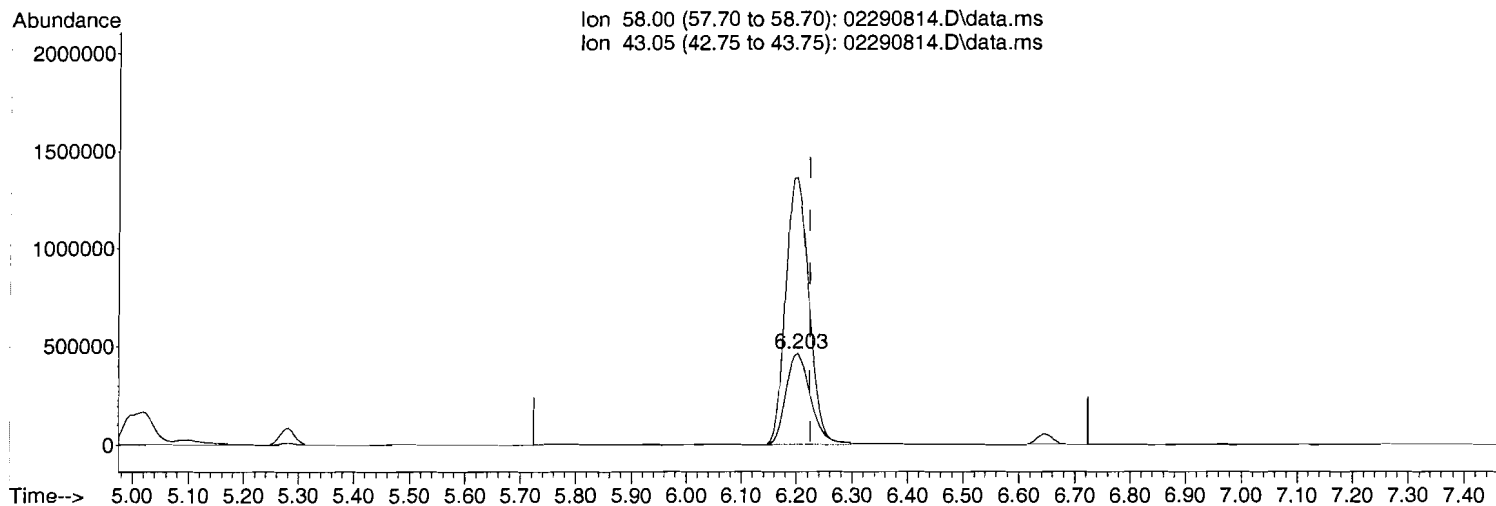
response 29812

Ion	Exp%	Act%
56.05	100	100
55.05	70.40	71.66
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : J:\MS08\Data\2008_02\29\
 Data File : 02290814.D
 Acq On : 29 Feb 2008 19:53
 Operator : SC
 Sample : P0800448-008 (500ml)
 sc : Walden SV-5 (0.7,3.5)
 Vial : 13 Sample Multiplier: 1

Quant Time: Mar 03 08:51:57 2008
 Quant Method : J:\MS08\Methods\R8022108.M
 Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 QLast Update : Fri Feb 22 09:32:02 2008
 Response via : Initial Calibration



(13) Acetone (T)

6.203min (-0.021) 66.54ng

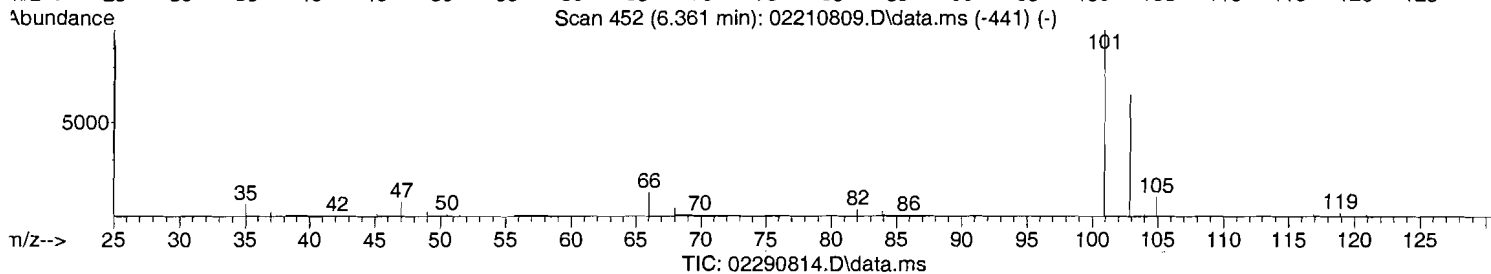
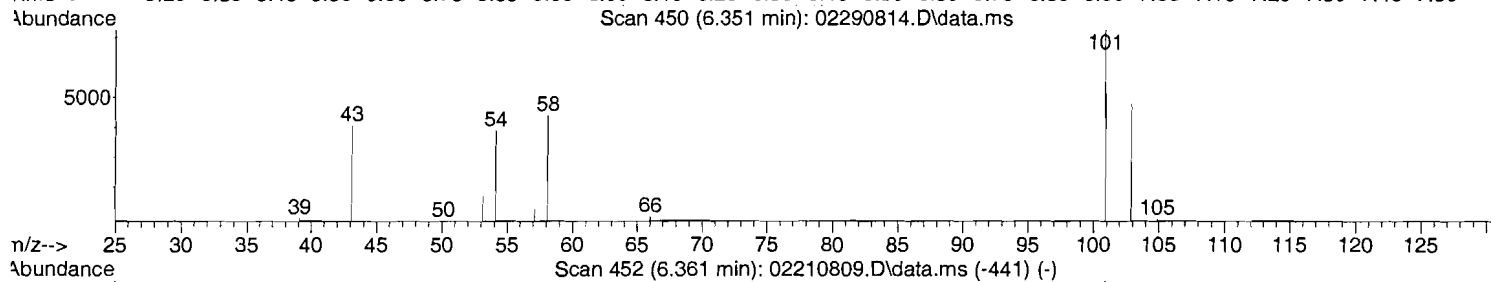
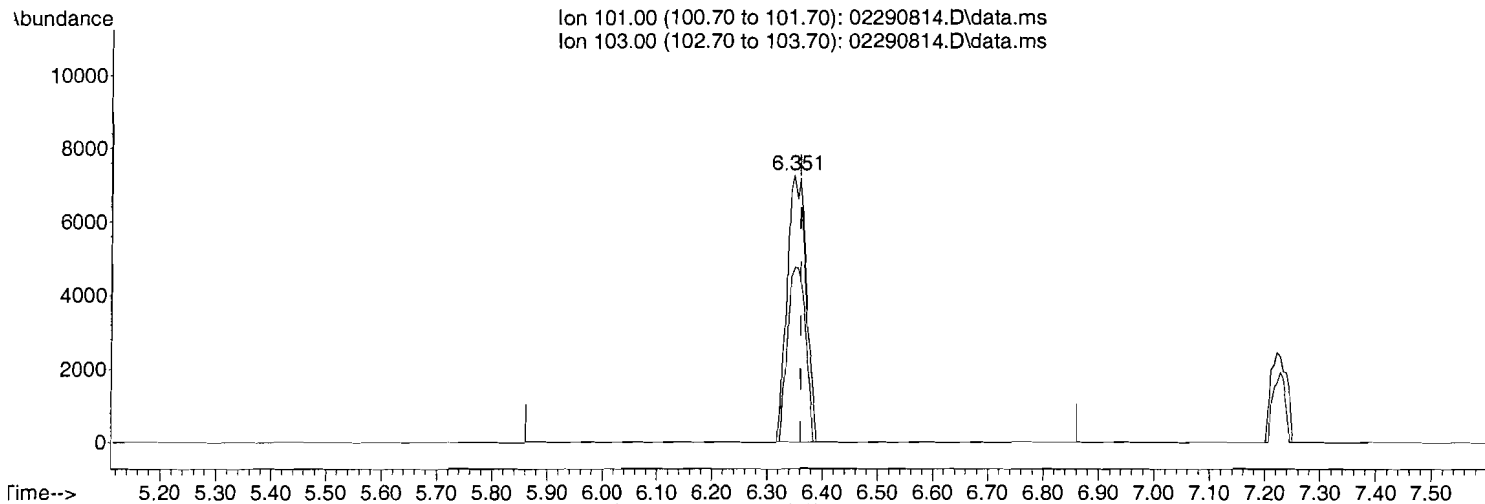
response 1459800

Ion	Exp%	Act%
58.00	100	100
43.05	293.20	271.56
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : J:\MS08\Data\2008_02\29\
 Data File : 02290814.D
 Acq On : 29 Feb 2008 19:53
 Operator : SC
 Sample : P0800448-008 (500ml)
 Misc : Walden SV-5 (0.7,3.5)
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Mar 03 08:51:57 2008
 Quant Method : J:\MS08\Methods\R8022108.M
 Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 QLast Update : Fri Feb 22 09:32:02 2008
 Response via : Initial Calibration



(14) Trichlorofluoromethane (T)

6.351min (-0.011) 0.55ng

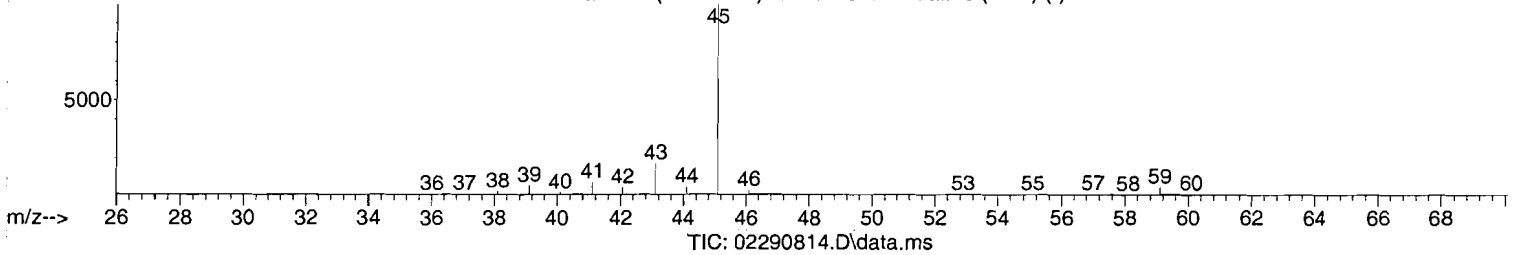
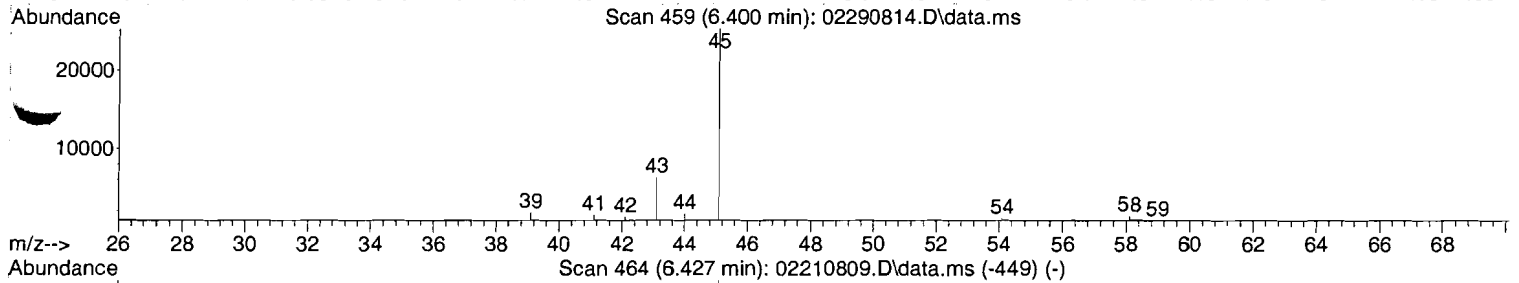
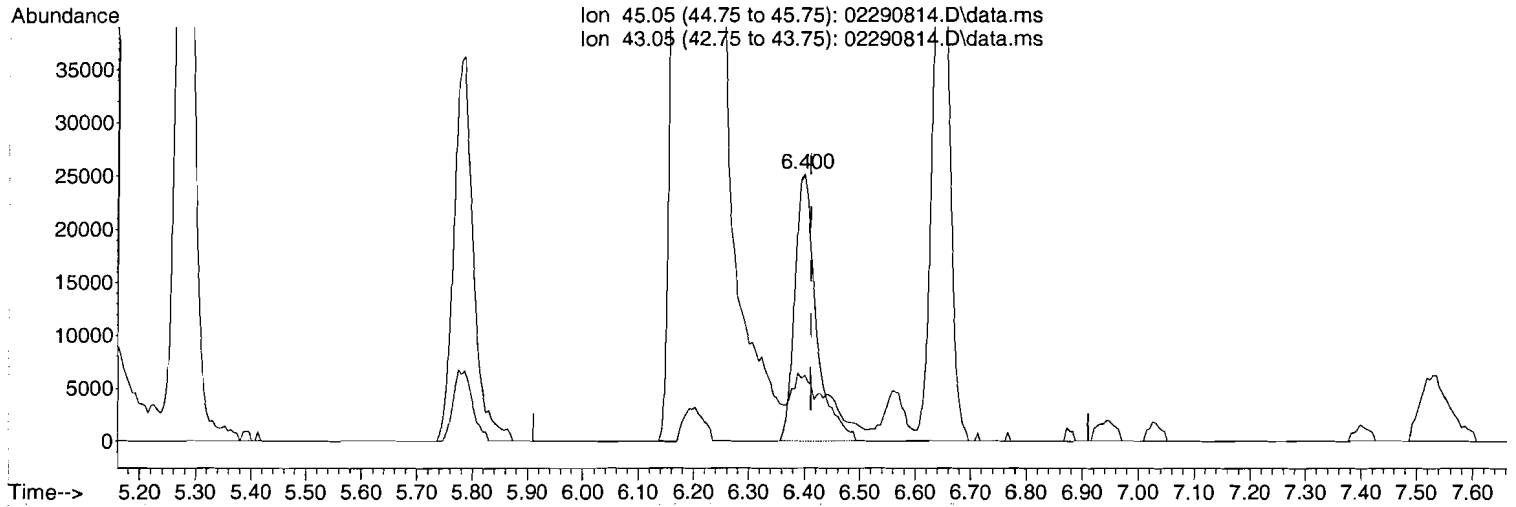
response 17273

Ion	Exp%	Act%
101.00	100	100
103.00	64.50	62.33
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : J:\MS08\Data\2008_02\29\
 Data File : 02290814.D
 Acq On : 29 Feb 2008 19:53
 Operator : SC
 Sample : P0800448-008 (500ml)
 .isc : Walden SV-5 (0.7,3.5)
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Mar 03 08:51:57 2008
 Quant Method : J:\MS08\Methods\R8022108.M
 Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 QLast Update : Fri Feb 22 09:32:02 2008
 Response via : Initial Calibration



(15) Isopropanol (T)

6.400min (-0.011) 1.00ng

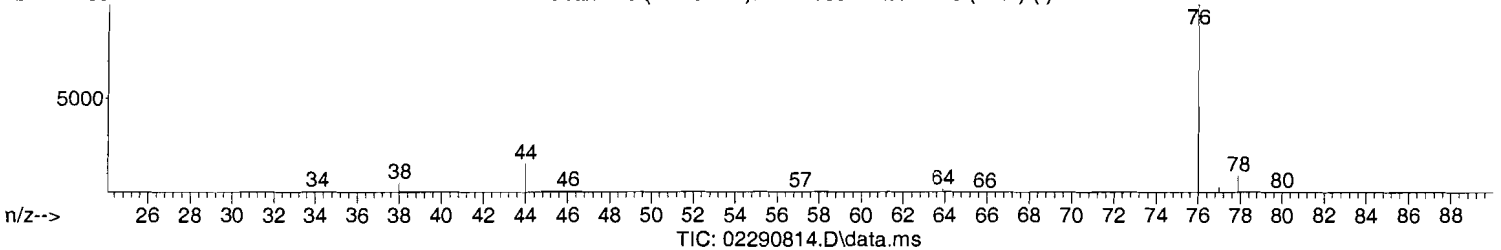
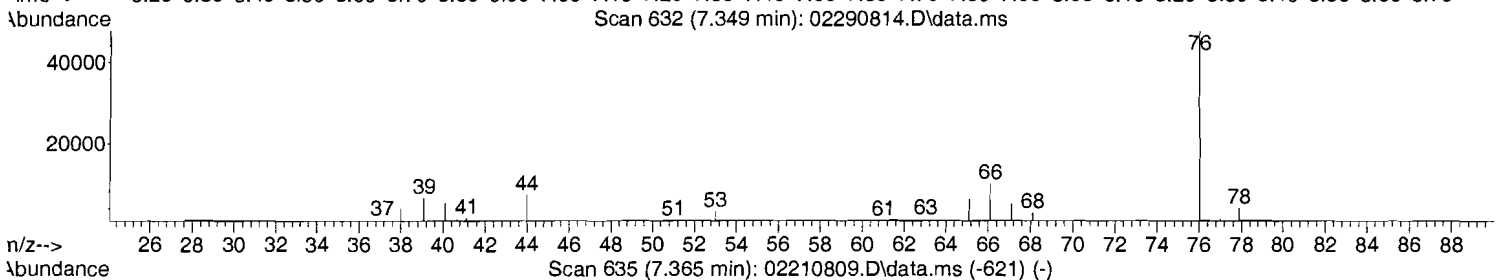
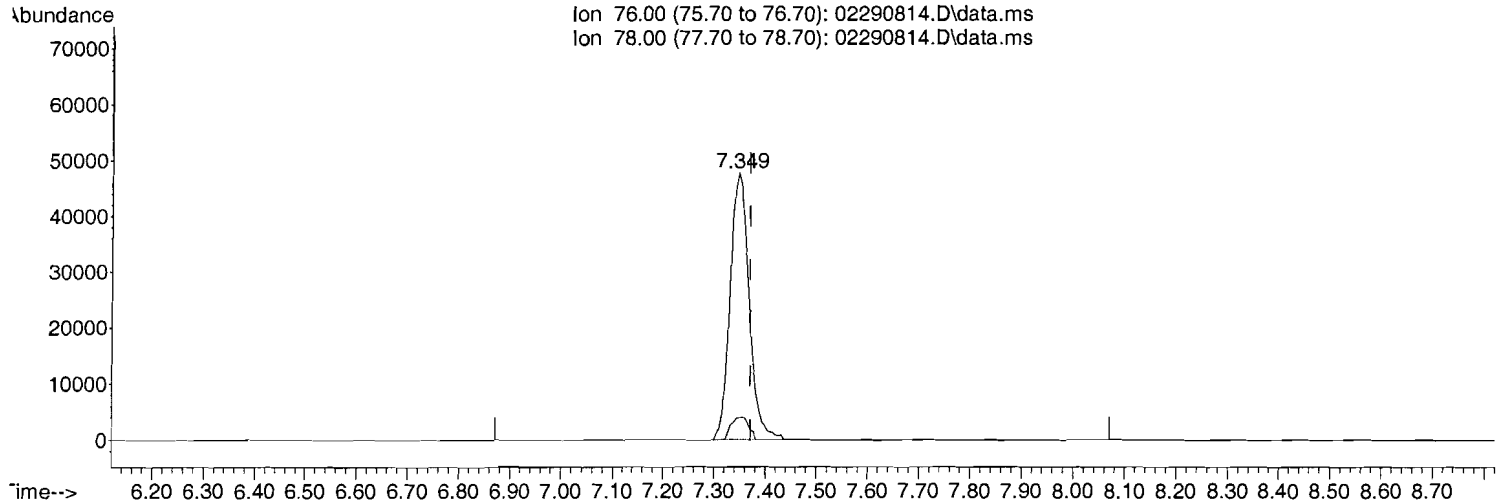
response 65860

Ion	Exp%	Act%
45.05	100	100
43.05	17.10	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : J:\MS08\Data\2008_02\29\
 Data File : 02290814.D
 Acq On : 29 Feb 2008 19:53
 Operator : SC
 Sample : P0800448-008 (500ml)
 Misc : Walden SV-5 (0.7,3.5)
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Mar 03 08:51:57 2008
 Quant Method : J:\MS08\Methods\R8022108.M
 Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 QLast Update : Fri Feb 22 09:32:02 2008
 Response via : Initial Calibration



(22) Carbon Disulfide (T)

7.349min (-0.022) 1.46ng

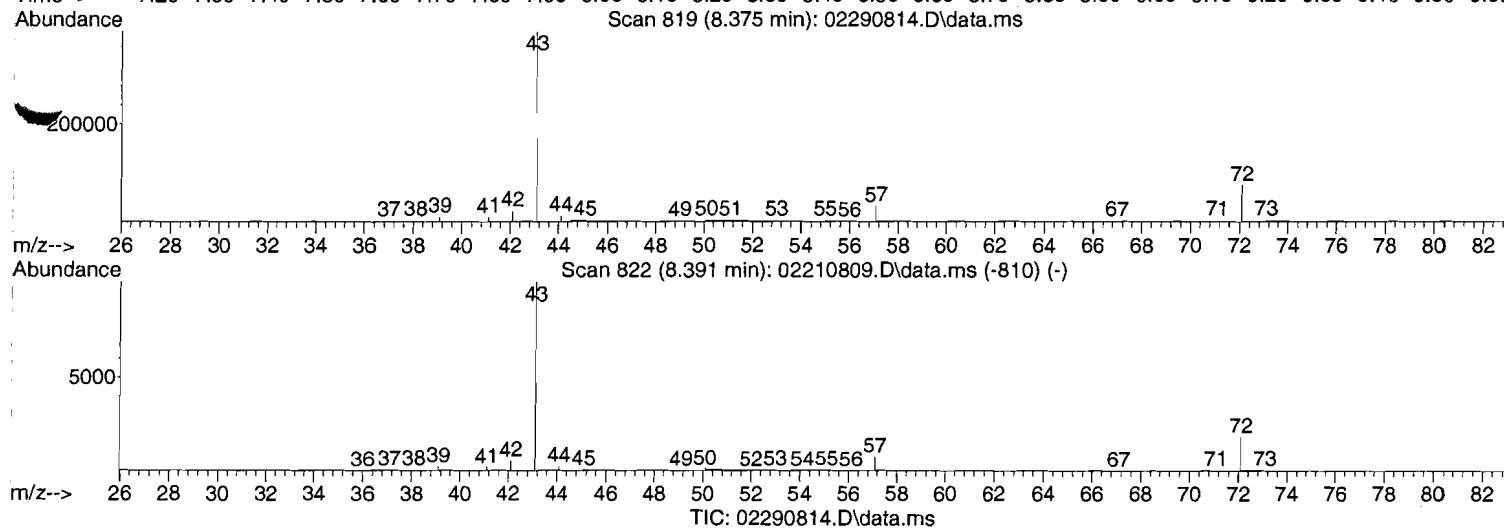
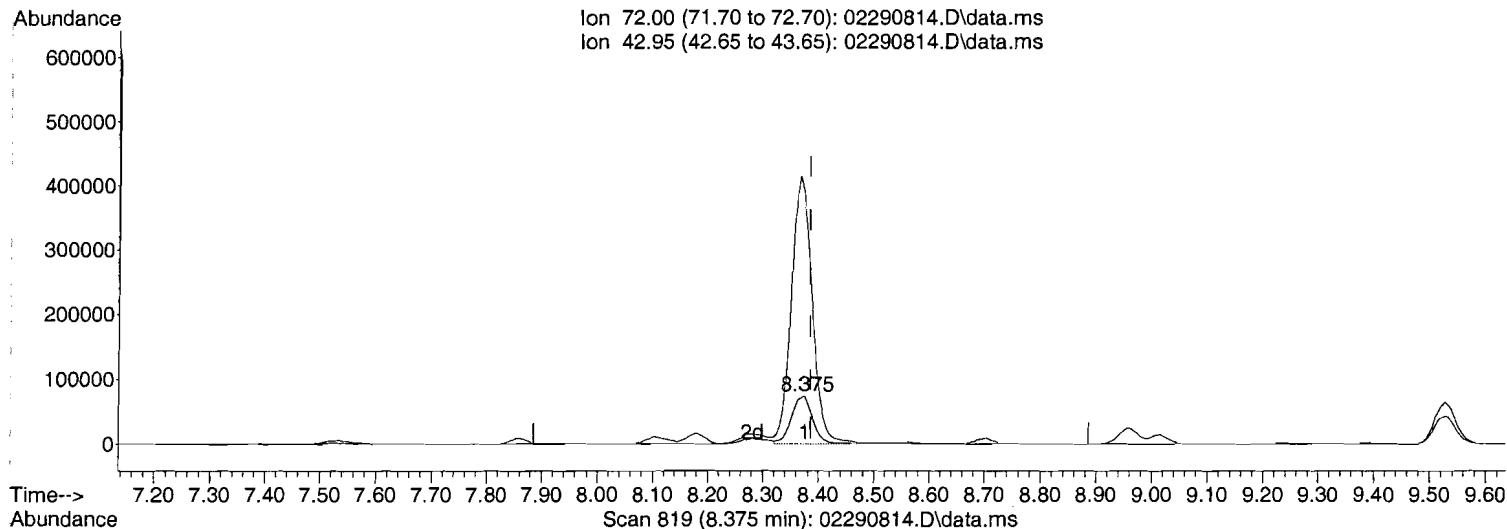
response 122680

Ion	Exp%	Act%
76.00	100	100
78.00	9.10	7.85
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : J:\MS08\Data\2008_02\29\
 Data File : 02290814.D
 Acq On : 29 Feb 2008 19:53
 Operator : SC
 Sample : P0800448-008 (500ml)
 Lsc : Walden SV-5 (0.7,3.5)
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Mar 03 08:51:57 2008
 Quant Method : J:\MS08\Methods\R8022108.M
 Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 QLast Update : Fri Feb 22 09:32:02 2008
 Response via : Initial Calibration



(27) 2-Butanone (T)

8.375min (-0.011) 16.04ng

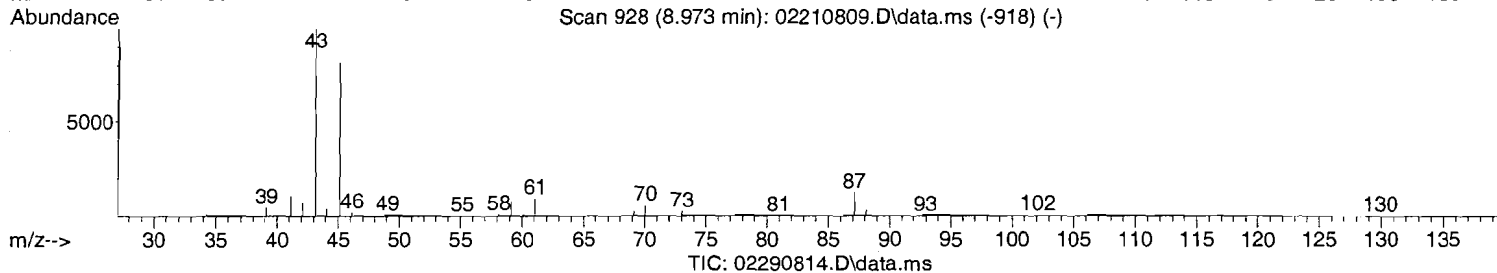
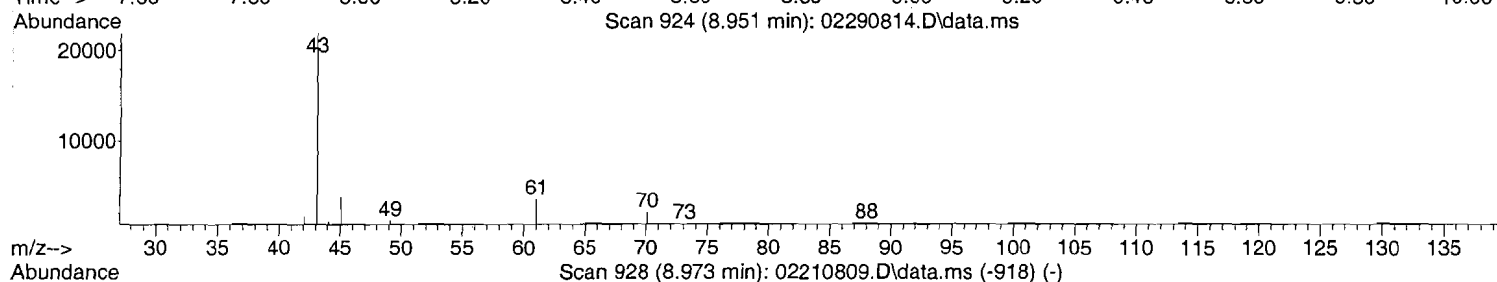
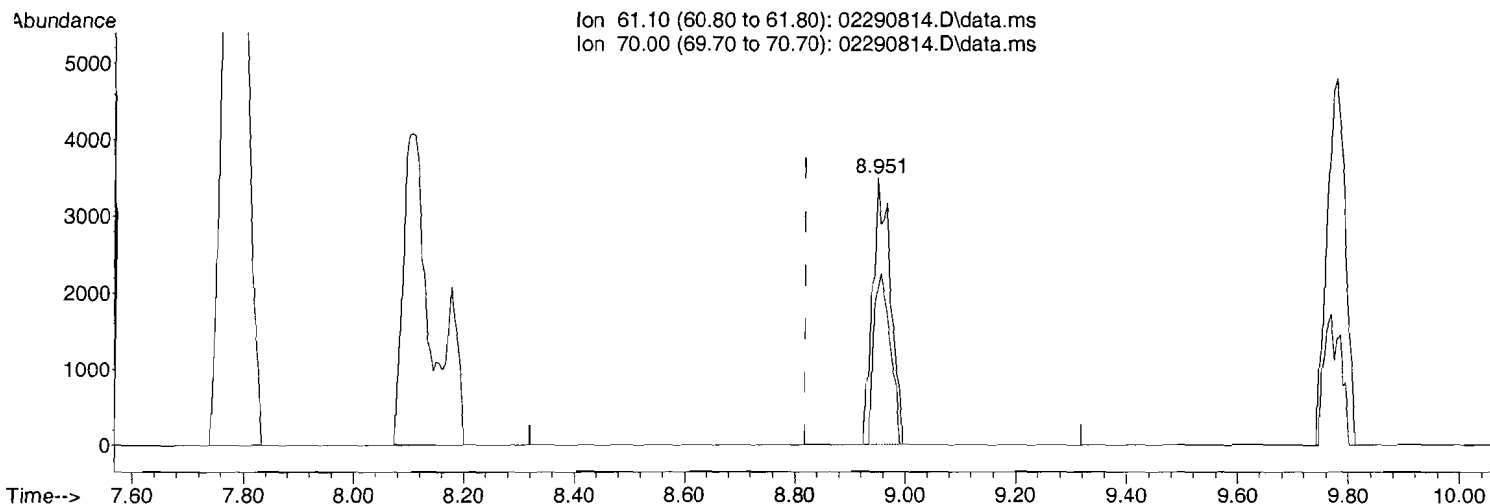
response 193849

Ion	Exp%	Act%
72.00	100	100
42.95	401.50	542.14#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : J:\MS08\Data\2008_02\29\
 Data File : 02290814.D
 Acq On : 29 Feb 2008 19:53
 Operator : SC
 Sample : P0800448-008 (500ml)
 Misc : Walden SV-5 (0.7,3.5)
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Mar 03 08:51:57 2008
 Quant Method : J:\MS08\Methods\R8022108.M
 Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 QLast Update : Fri Feb 22 09:32:02 2008
 Response via : Initial Calibration



(30) Ethyl Acetate (T)

8.951min (+0.132) 1.00ng

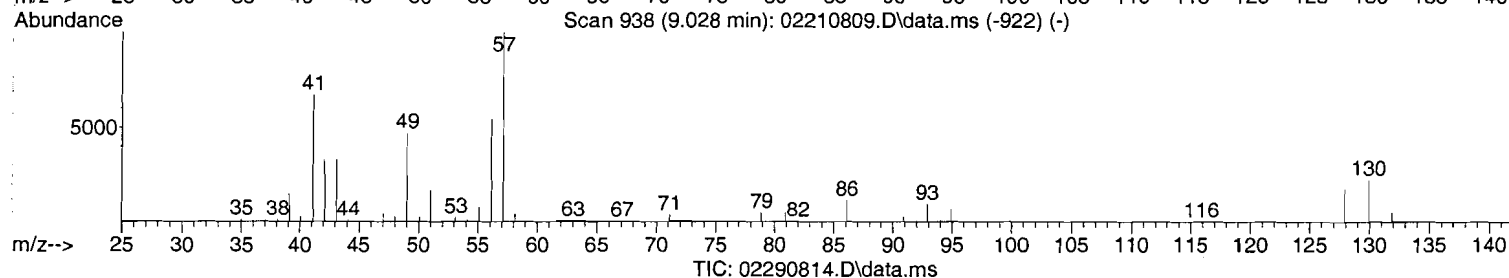
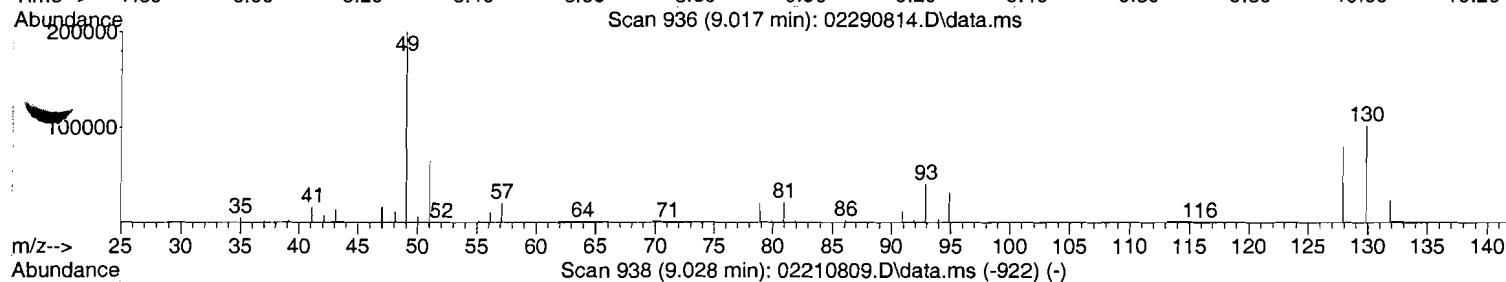
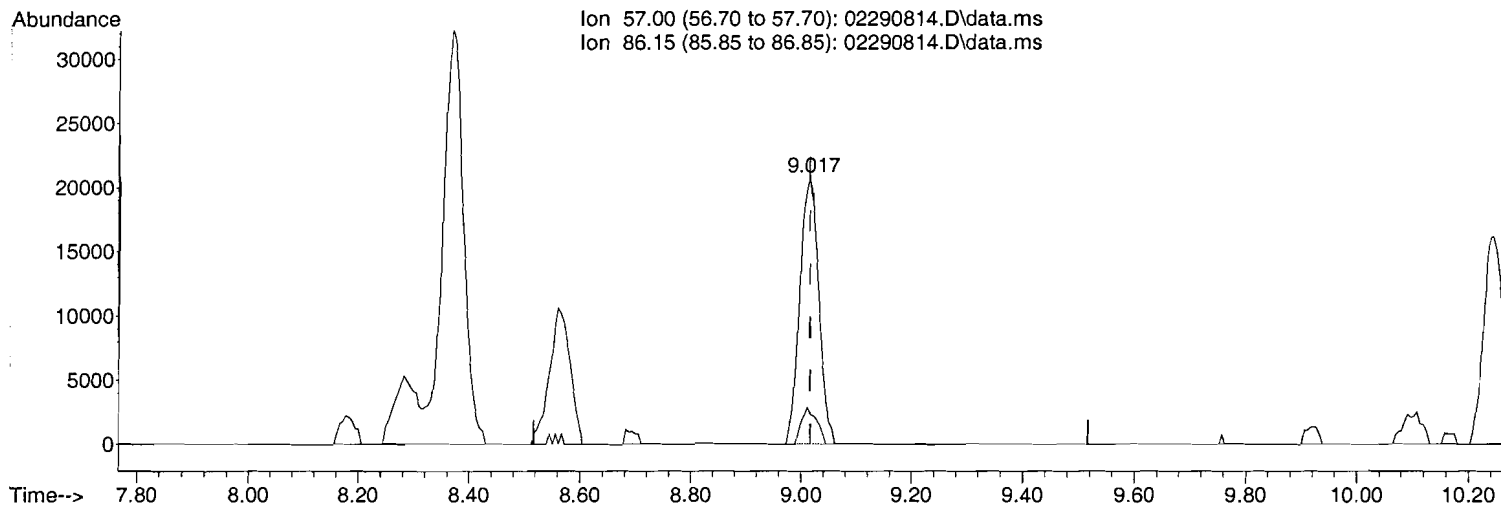
response 7798

Ion	Exp%	Act%
61.10	100	100
70.00	77.80	58.73
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : J:\MS08\Data\2008_02\29\
 Data File : 02290814.D
 Acq On : 29 Feb 2008 19:53
 Operator : SC
 Sample : P0800448-008 (500ml)
 sc : Walden SV-5 (0.7,3.5)
 Vial : 13 Sample Multiplier: 1

Quant Time: Mar 03 08:51:57 2008
 Quant Method : J:\MS08\Methods\R8022108.M
 Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 QLast Update : Fri Feb 22 09:32:02 2008
 Response via : Initial Calibration



(31) n-Hexane (T)

9.017min (+0.000) 1.04ng

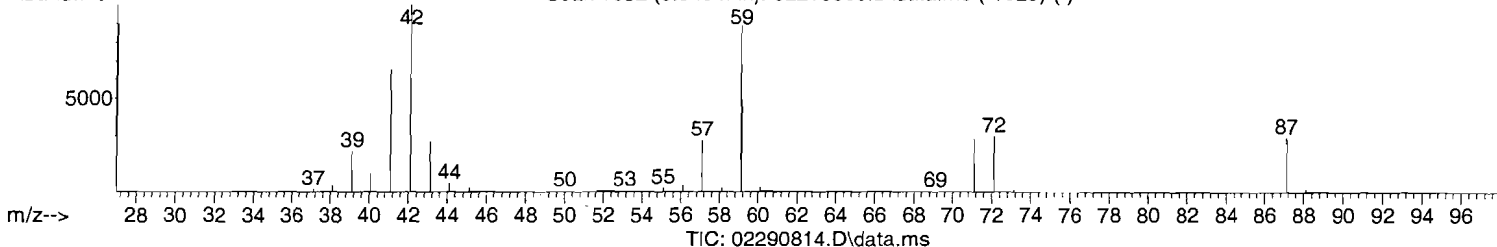
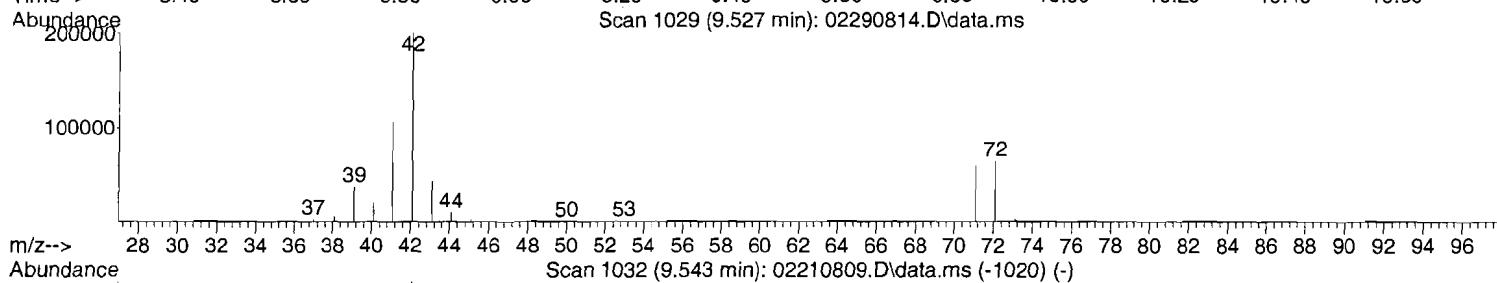
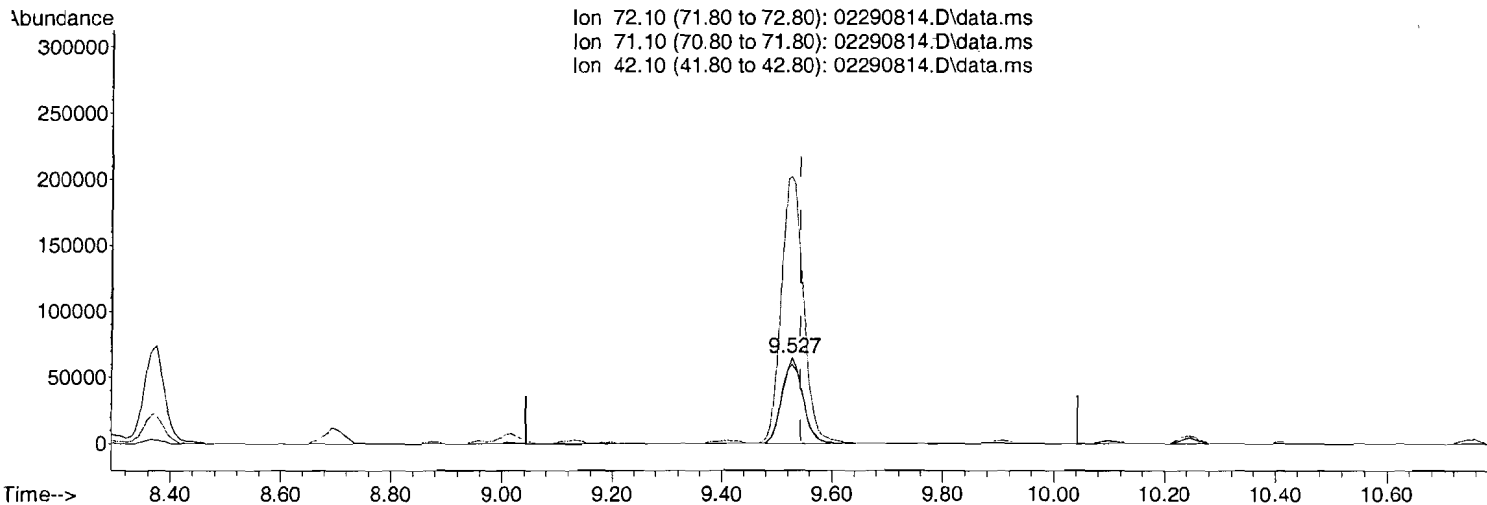
response 48339

Ion	Exp%	Act%
57.00	100	100
86.15	15.10	11.18
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : J:\MS08\Data\2008_02\29\
 Data File : 02290814.D
 Acq On : 29 Feb 2008 19:53
 Operator : SC
 Sample : P0800448-008 (500ml)
 Misc : Walden SV-5 (0.7,3.5)
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Mar 03 08:51:57 2008
 Quant Method : J:\MS08\Methods\R8022108.M
 Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 QLast Update : Fri Feb 22 09:32:02 2008
 Response via : Initial Calibration



(34) Tetrahydrofuran (T)

9.527min (-0.016) 14.49ng

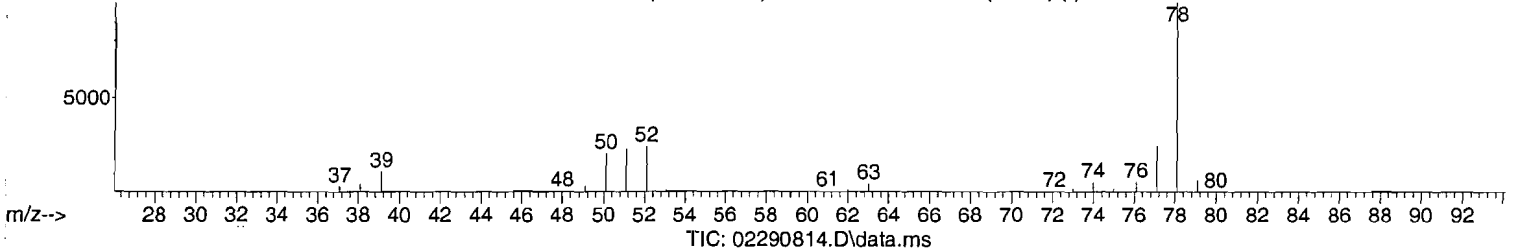
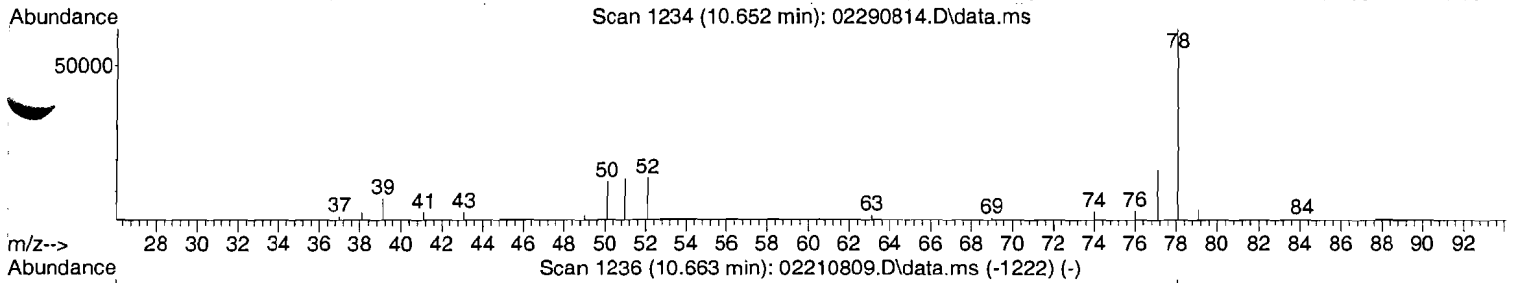
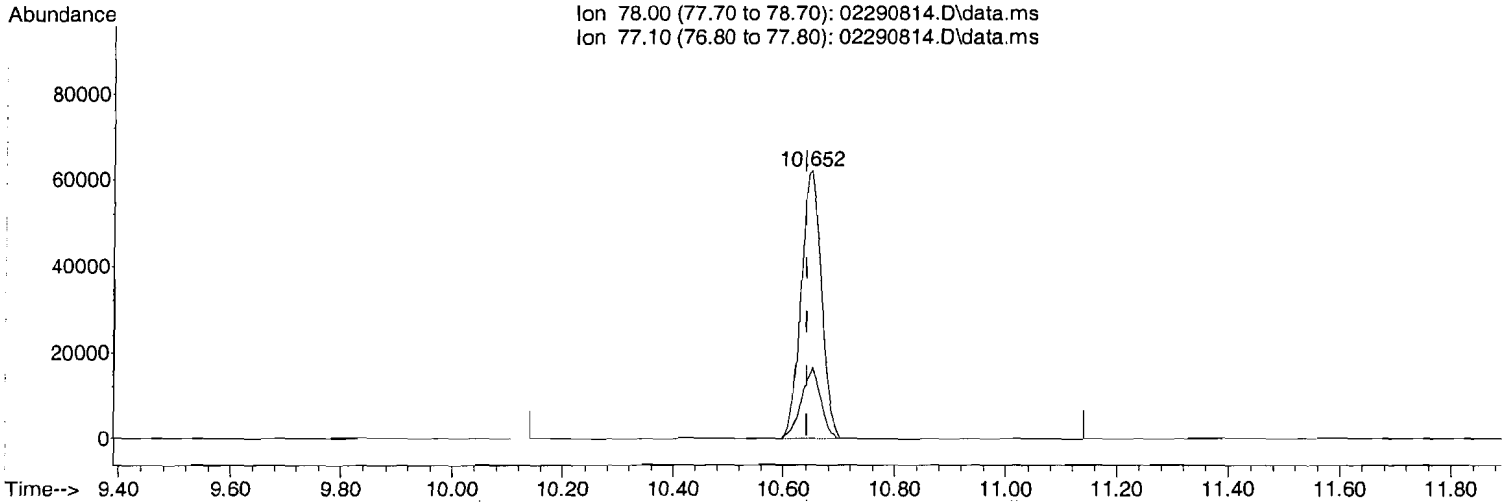
response 169899

Ion	Exp%	Act%
72.10	100	100
71.10	95.40	95.88
42.10	240.50	331.37#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : J:\MS08\Data\2008_02\29\
 Data File : 02290814.D
 Acq On : 29 Feb 2008 19:53
 Operator : SC
 Sample : P0800448-008 (500ml)
 lsc : Walden SV-5 (0.7,3.5)
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Mar 03 08:51:57 2008
 Quant Method : J:\MS08\Methods\R8022108.M
 Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 QLast Update : Fri Feb 22 09:32:02 2008
 Response via : Initial Calibration



(41) Benzene (T)

10.652min (+0.011) 2.06ng

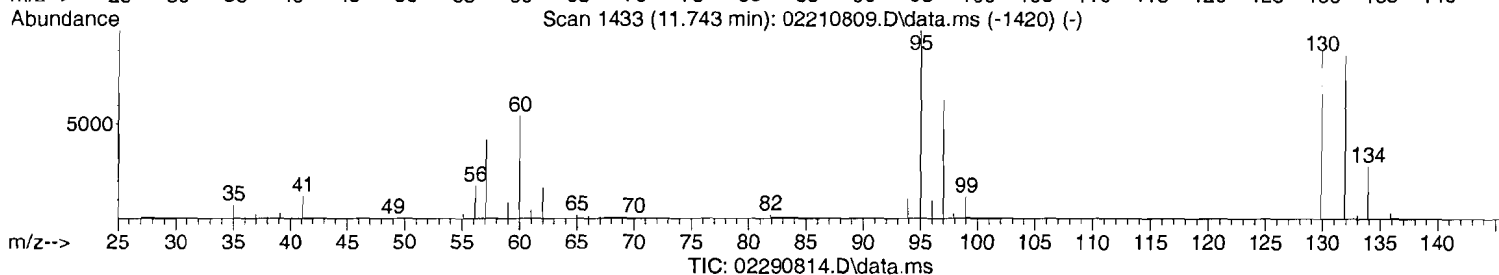
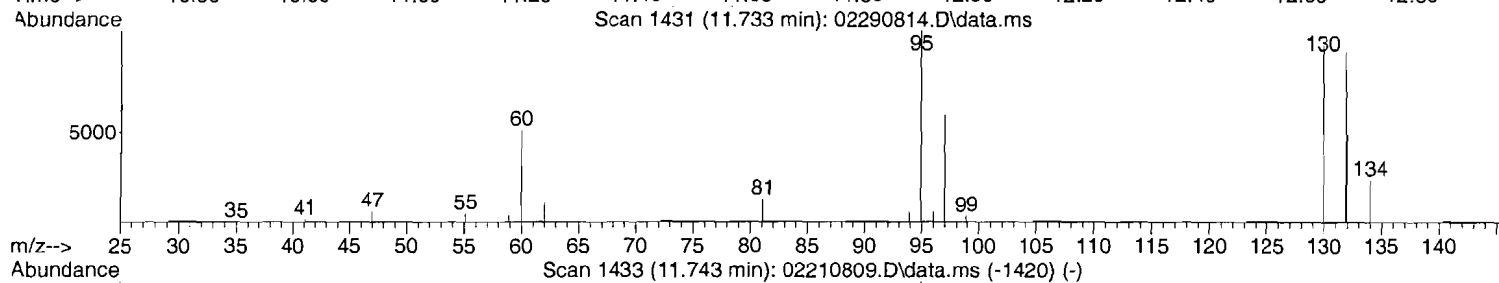
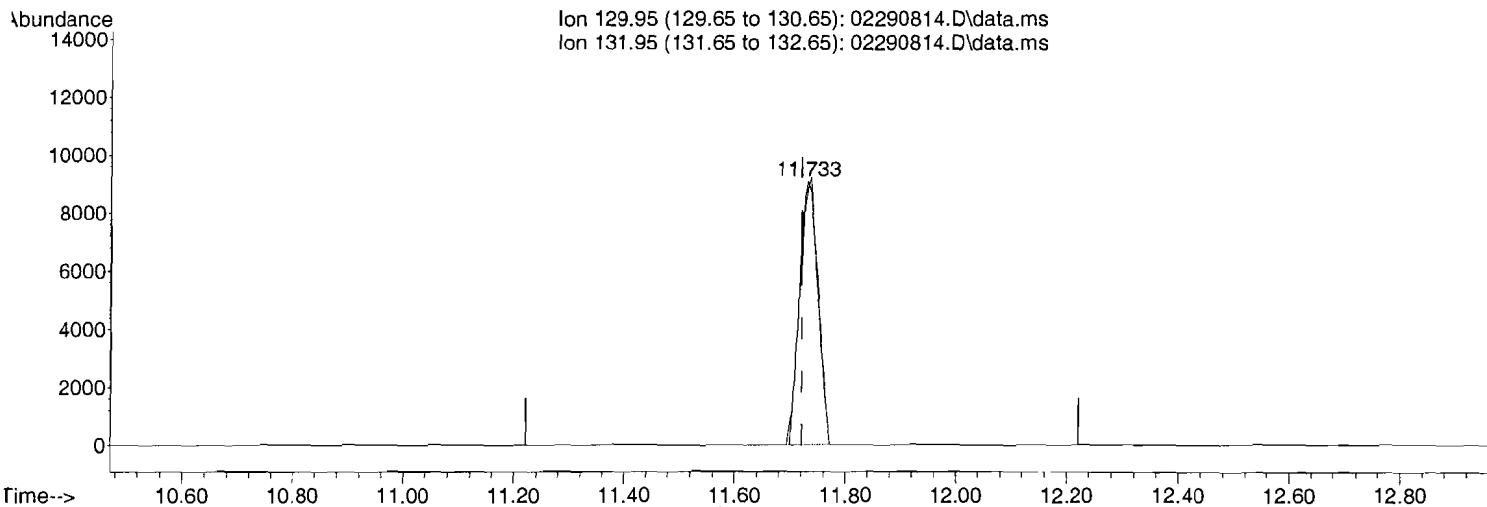
response 154928

Ion	Exp%	Act%
78.00	100	100
77.10	23.90	25.36
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : J:\MS08\Data\2008_02\29\
 Data File : 02290814.D
 Acq On : 29 Feb 2008 19:53
 Operator : SC
 Sample : P0800448-008 (500ml)
 Misc : Walden SV-5 (0.7,3.5)
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Mar 03 08:51:57 2008
 Quant Method : J:\MS08\Methods\R8022108.M
 Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 QLast Update : Fri Feb 22 09:32:02 2008
 Response via : Initial Calibration



(47) Trichloroethene (T)

11.733min (+0.011) 1.22ng

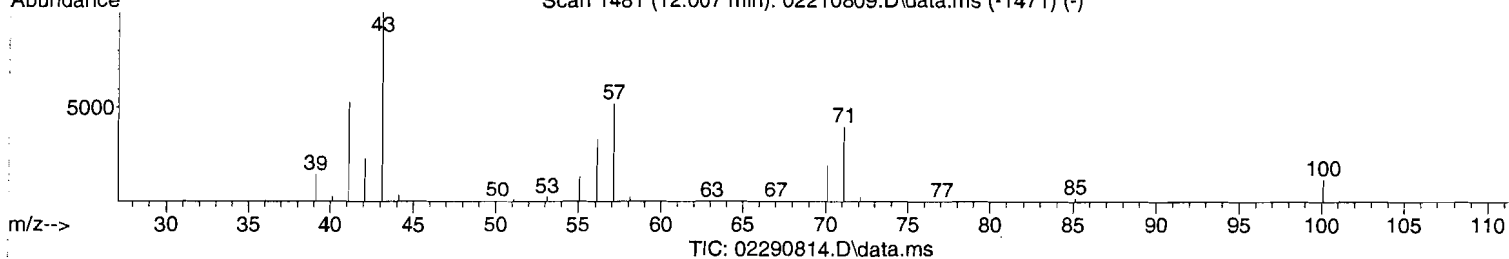
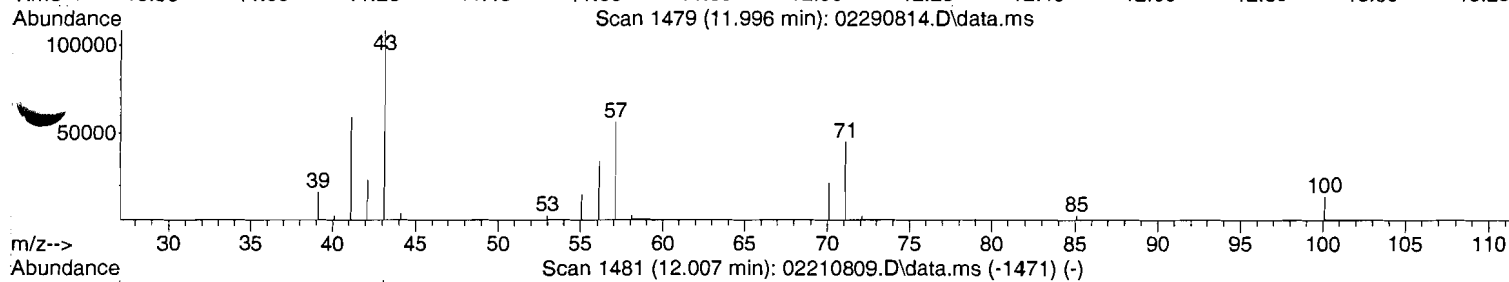
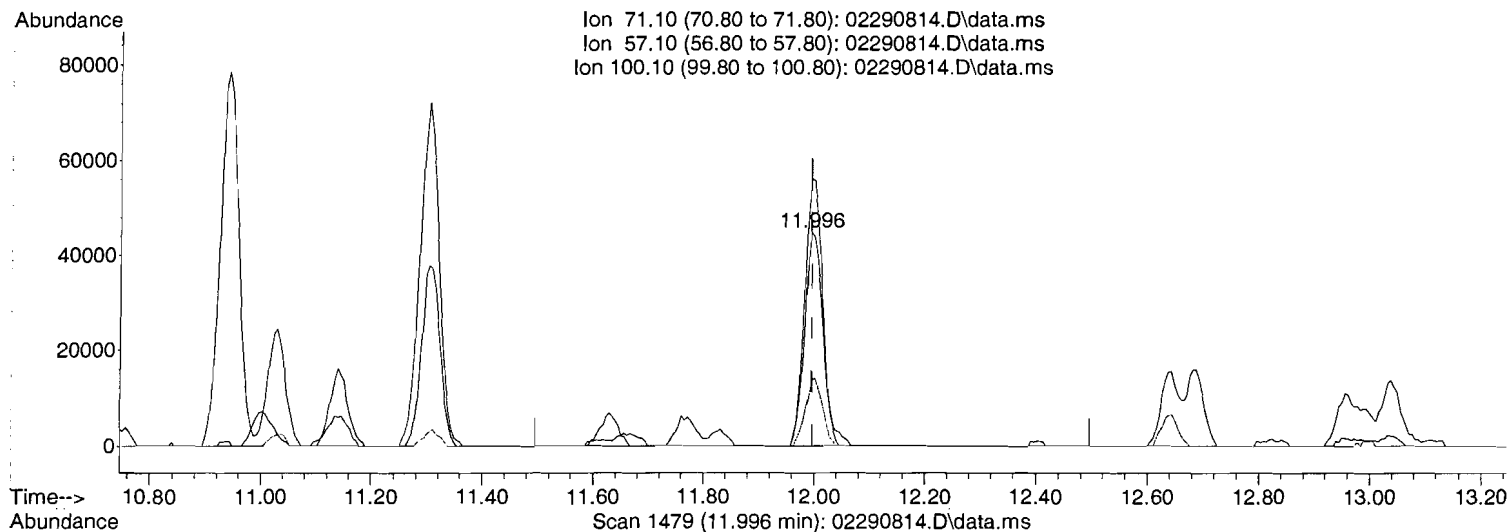
response 20941

Ion	Exp%	Act%
129.95	100	100
131.95	94.70	98.90
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : J:\MS08\Data\2008_02\29\
 Data File : 02290814.D
 Acq On : 29 Feb 2008 19:53
 Operator : SC
 Sample : P0800448-008 (500ml)
 isc : Walden SV-5 (0.7,3.5)
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Mar 03 08:51:57 2008
 Quant Method : J:\MS08\Methods\R8022108.M
 Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 QLast Update : Fri Feb 22 09:32:02 2008
 Response via : Initial Calibration



(51) n-Heptane (T)

11.996min (+0.000) 5.18ng

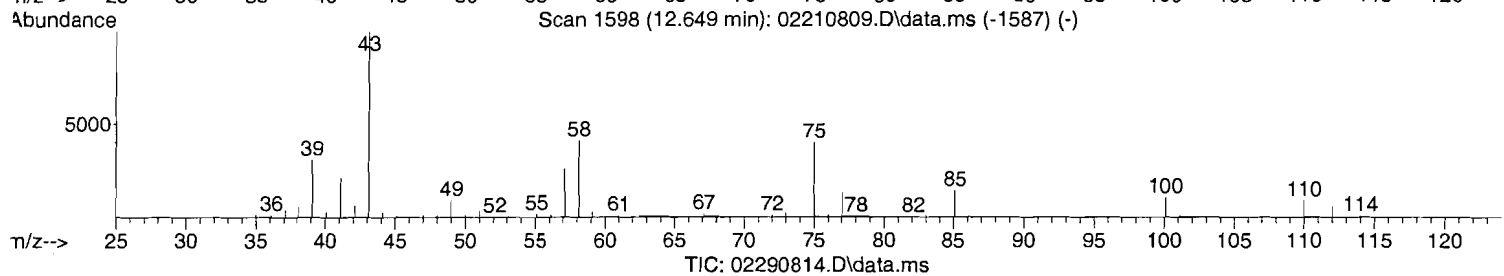
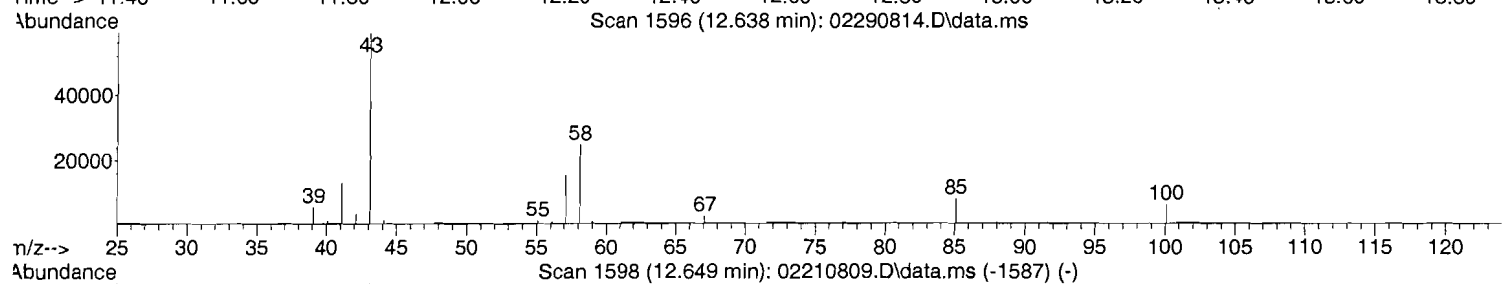
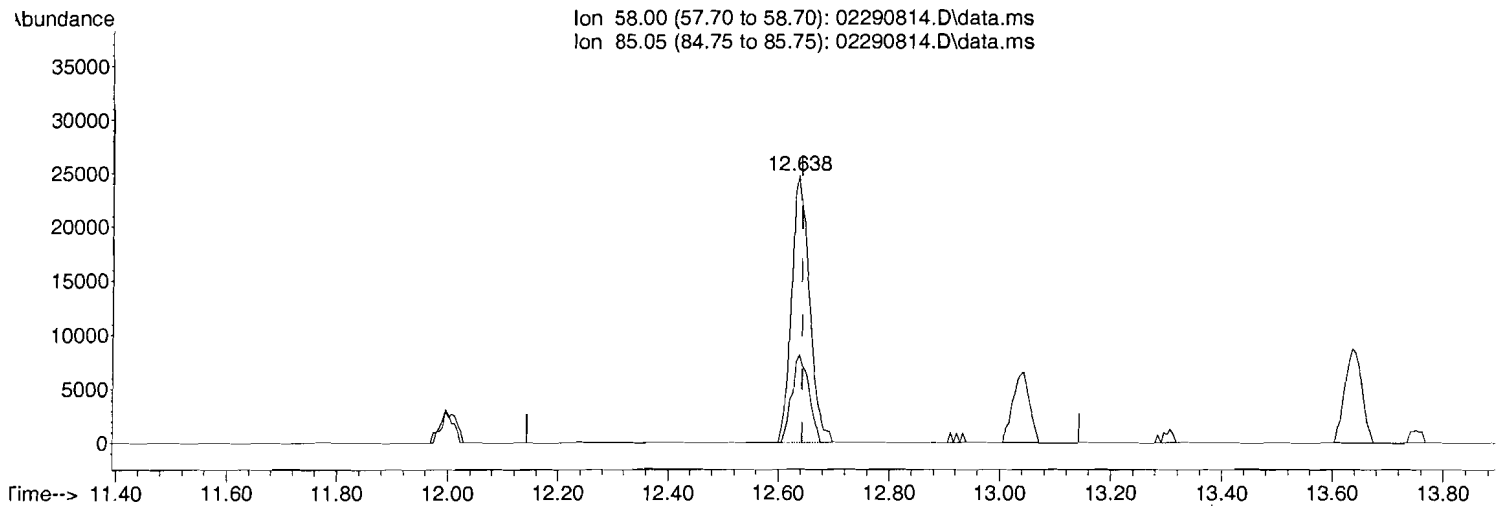
response 102135

Ion	Exp%	Act%
71.10	100	100
57.10	90.30	119.91#
100.10	26.30	29.11
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : J:\MS08\Data\2008_02\29\
 Data File : 02290814.D
 Acq On : 29 Feb 2008 19:53
 Operator : SC
 Sample : P0800448-008 (500ml)
 Misc : Walden SV-5 (0.7,3.5)
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Mar 03 08:51:57 2008
 Quant Method : J:\MS08\Methods\R8022108.M
 Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 QLast Update : Fri Feb 22 09:32:02 2008
 Response via : Initial Calibration



(53) 4-Methyl-2-pentanone (T)

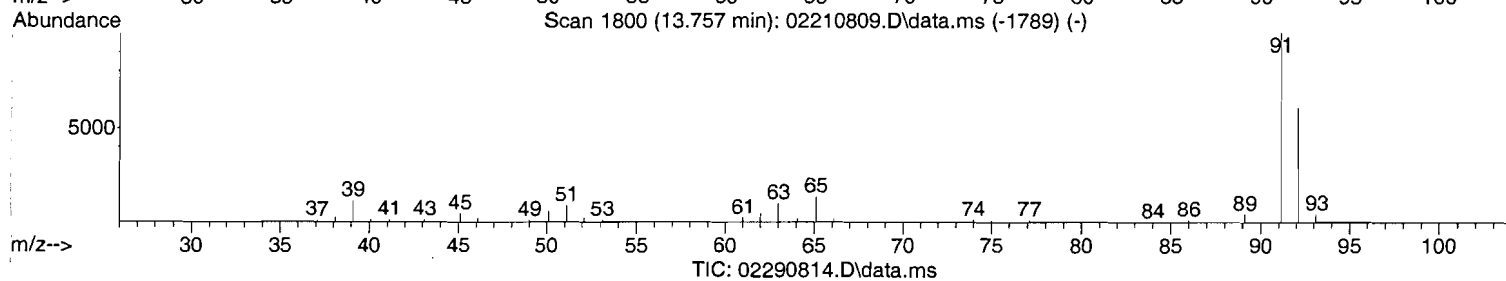
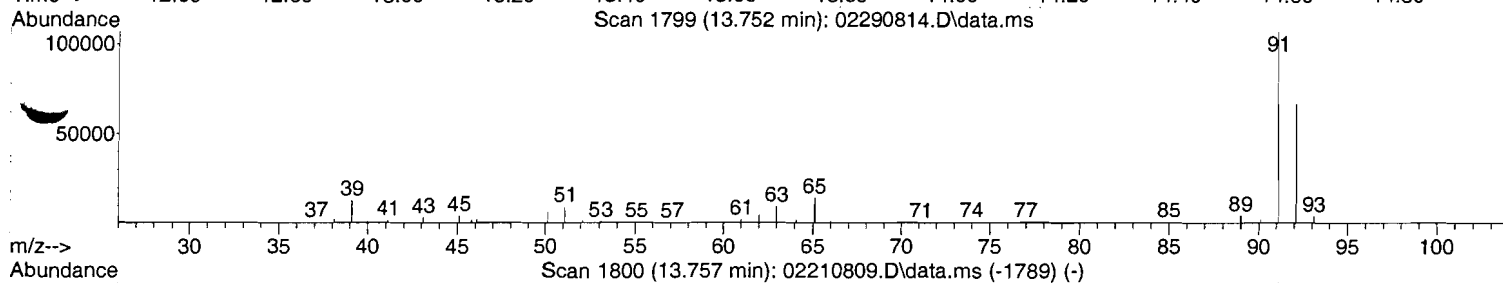
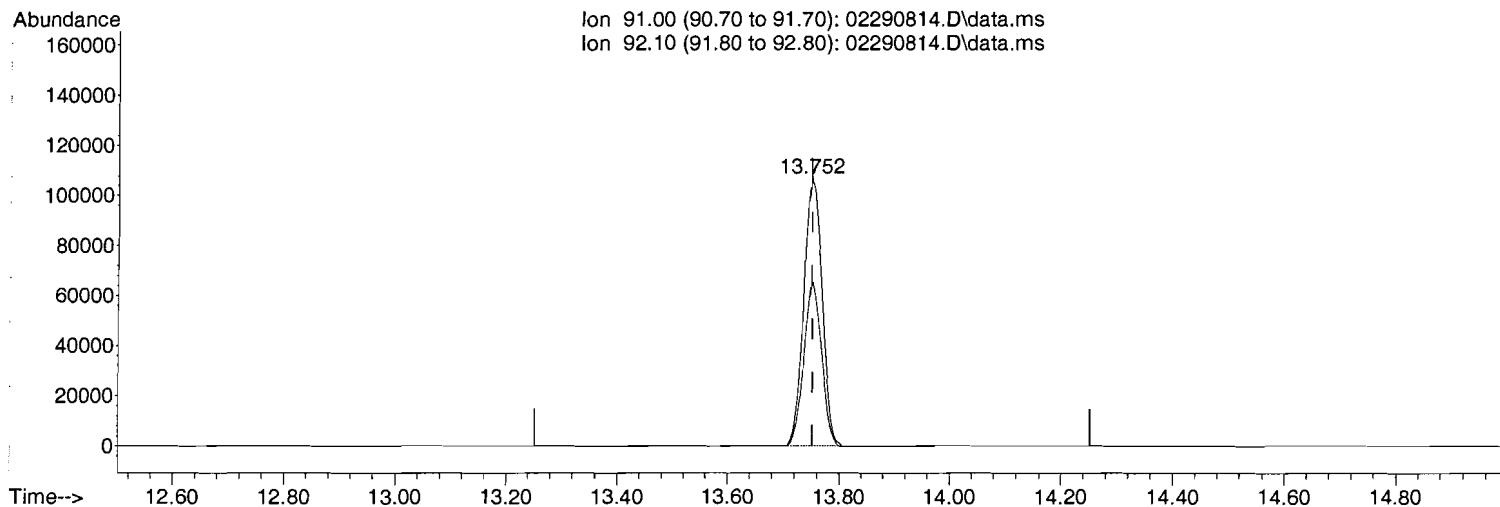
12.638min (-0.005) 2.11ng

response 55927

Ion	Exp%	Act%
58.00	100	100
85.05	41.50	31.46
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : J:\MS08\Data\2008_02\29\
Data File : 02290814.D
Acq On : 29 Feb 2008 19:53
Operator : SC
Sample : P0800448-008 (500ml)
.sc : Walden SV-5 (0.7,3.5)
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Mar 03 08:51:57 2008
Quant Method : J:\MS08\Methods\R8022108.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Fri Feb 22 09:32:02 2008
Response via : Initial Calibration



(58) Toluene (T)

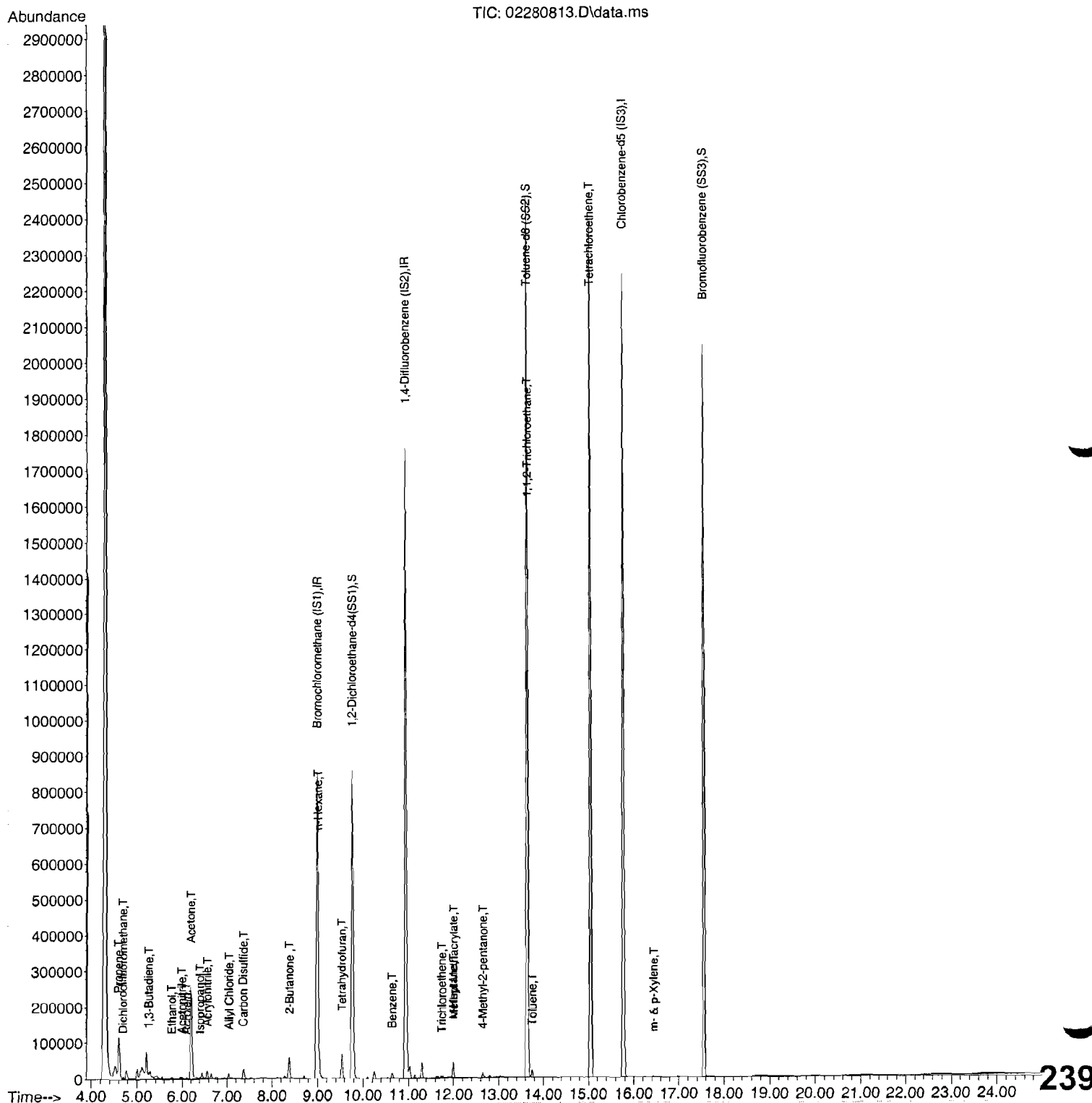
13.752min (+0.000) 2.91ng

response 238613

Ion	Exp%	Act%
91.00	100	100
92.10	59.00	58.99
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : J:\MS08\Data\2008_02\28\
Data File : 02280813.D
Acq On : 28 Feb 2008 19:21
Operator : SC
Sample : P0800448-008 Dil(50ml)
Misc : Walden SV-5 (0.7,3.5) ✓
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Feb 29 08:49:21 2008
Quant Method : J:\MS08\Methods\R8022108.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Fri Feb 22 09:32:02 2008
Response via : Initial Calibration



Data Path : J:\MS08\Data\2008_02\28\
 Data File : 02280813.D
 Acq On : 28 Feb 2008 19:21
 Operator : SC
 Sample : P0800448-008 Dil(50ml)
 Vial : 13 Sample Multiplier: 1

Quant Time: Feb 29 08:49:21 2008
 Quant Method : J:\MS08\Methods\R8022108.M
 Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 QLast Update : Fri Feb 22 09:32:02 2008
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane (IS1)	8.99	130	343015	25.000	ng	0.00
37) 1,4-Difluorobenzene (IS2)	10.94	114	1635759	25.000	ng	0.00
56) Chlorobenzene-d5 (IS3)	15.77	82	923428	25.000	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4(...)	9.77	65	815055	25.748	ng	0.00
Spiked Amount	25.000		Recovery	=	103.00%	—
57) Toluene-d8 (SS2)	13.64	98	1893636	24.806	ng	0.00
Spiked Amount	25.000		Recovery	=	99.24%	—
73) Bromofluorobenzene (SS3)	17.55	174	669095	25.051	ng	0.00
Spiked Amount	25.000		Recovery	=	100.20%	—

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Propene	4.59	42	45727	1.474	ng	96
3) Dichlorodifluoromethane	4.69	85	5267	0.109	ng	# 77
4) Chloromethane	0.00	50	0	N.D.		
5) Freon 114	0.00	135	0	N.D.		
6) Vinyl Chloride	0.00	62	0	N.D.		
7) 1,3-Butadiene	5.25	54	6768	0.182	ng	# 83
8) Bromomethane	0.00	94	0	N.D.		
9) Chloroethane	0.00	64	0	N.D.		
10) Ethanol	5.77	45	6986	0.339	ng	82
11) Acetonitrile	5.99	41	6696	0.112	ng	94
12) Acrolein	6.09	56	2018	0.123	ng	90
13) Acetone	6.20	58	155326	6.227	ng	94
14) Trichlorofluoromethane	6.35	101	1224	N.D.		
15) Isopropanol	6.41	45	7990	0.107	ng	# 61
16) Acrylonitrile	6.57	53	2117	0.053	ng	# 9
17) 1,1-Dichloroethene	0.00	96	0	N.D.		
18) tert-Butanol	0.00	59	0	N.D.		
19) Methylene Chloride	0.00	84	0	N.D.		
20) Allyl Chloride	7.04	41	3330	0.083	ng	# 40
21) Trichlorotrifluoroethane	0.00	151	0	N.D.		
22) Carbon Disulfide	7.36	76	37669	0.396	ng	87
23) trans-1,2-Dichloroethene	0.00	61	0	N.D.		
24) 1,1-Dichloroethane	0.00	63	0	N.D.		
25) Methyl tert-Butyl Ether	0.00	73	0	N.D.		
26) Vinyl Acetate	0.00	86	0	N.D.		
27) 2-Butanone	8.38	72	18153	1.321	ng	# 10
28) cis-1,2-Dichloroethene	0.00	61	0	N.D.		
29) Diisopropyl Ether	0.00	87	0	N.D.		
30) Ethyl Acetate	0.00	61	0	N.D.		
31) n-Hexane	9.01	57	4188	0.079	ng	# 64
32) Chloroform	0.00	83	0	N.D.		
34) Tetrahydrofuran	9.53	72	18488	1.387	ng	# 51
35) Ethyl tert-Butyl Ether	0.00	87	0	N.D.		
36) 1,2-Dichloroethane	0.00	62	0	N.D.		
38) 1,1,1-Trichloroethane	0.00	97	0	N.D.		
39) Isopropyl Acetate	0.00	61	0	N.D.		
40) 1-Butanol	0.00	56	0	N.D.		
41) Benzene	10.64	78	16217	0.194	ng	91
42) Carbon Tetrachloride	0.00	117	0	N.D.		
43) Cyclohexane	10.93	84	254	N.D.		
44) tert-Amyl Methyl Ether	0.00	73	0	N.D.		
45) 1,2-Dichloropropane	0.00	63	0	N.D.		
46) Bromodichloromethane	0.00	83	0	N.D.		

3/7/08

Data Path : J:\MS08\Data\2008_02\28\
 Data File : 02280813.D
 Acq On : 28 Feb 2008 19:21
 Operator : SC
 Sample : P0800448-008 Dil(50ml)
 Misc : Walden SV-5 (0.7,3.5)
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Feb 29 08:49:21 2008
 Quant Method : J:\MS08\Methods\R8022108.M
 Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 QLast Update : Fri Feb 22 09:32:02 2008
 Response via : Initial Calibration

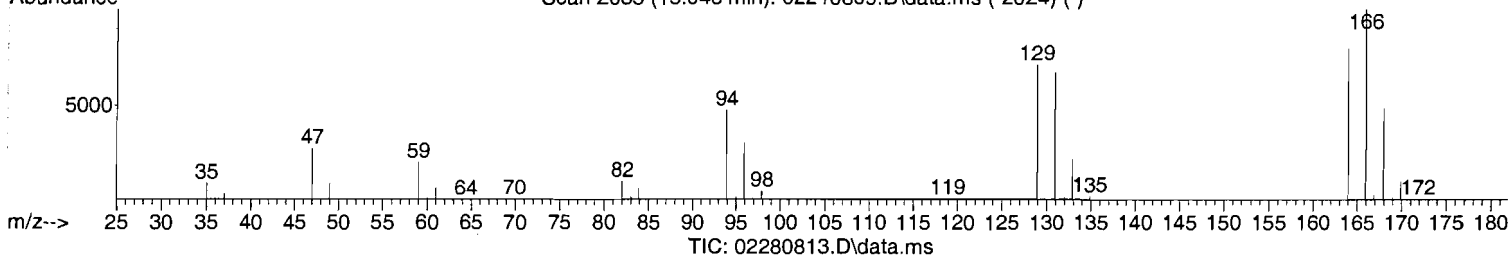
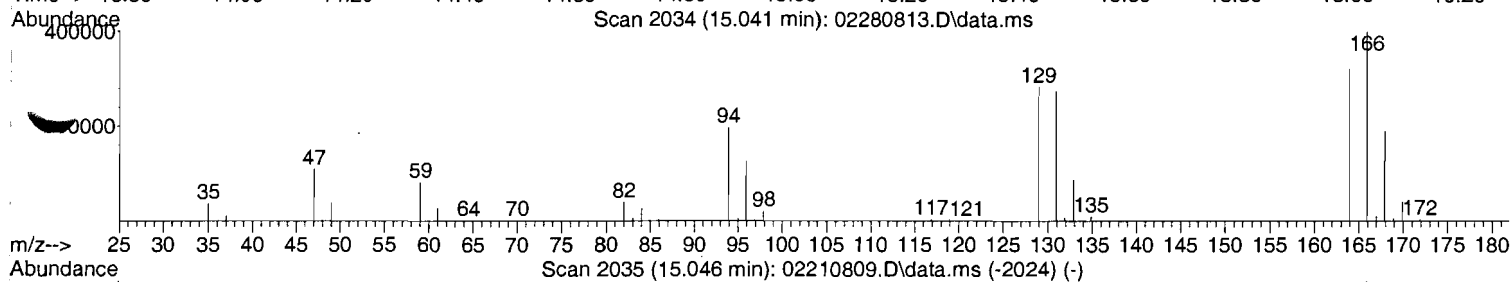
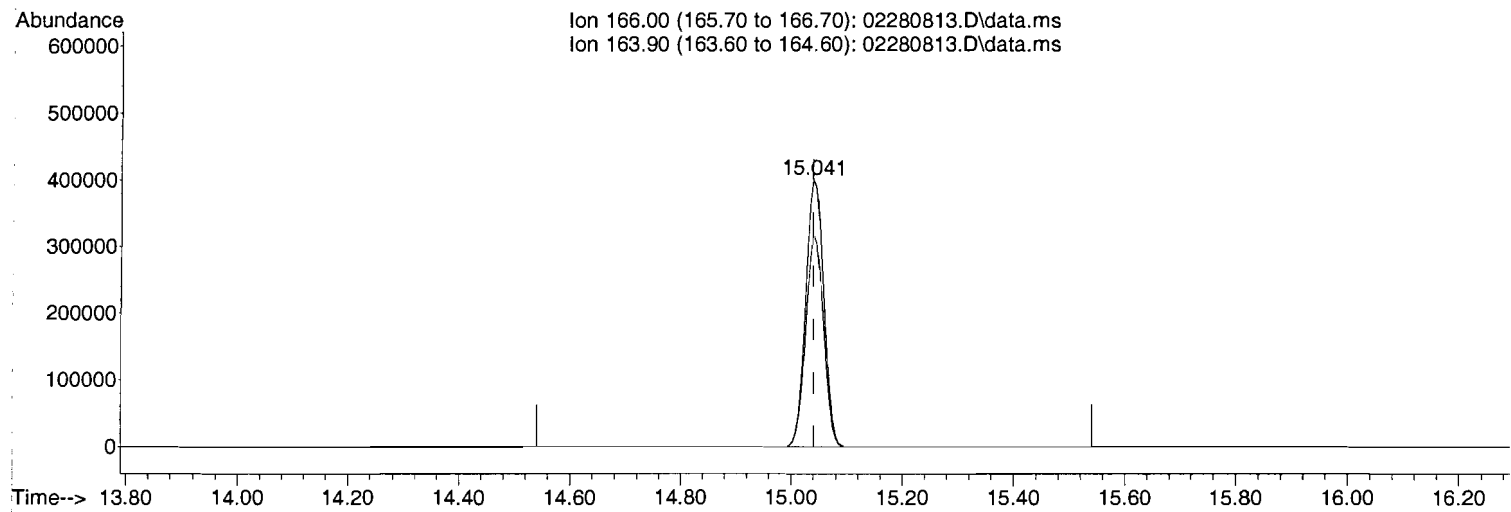
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) Trichloroethene	11.74	130	1181	0.062	ng	# 49
48) 1,4-Dioxane	0.00	88	0	N.D.		
49) Isooctane	11.77	57	537	N.D.		
50) Methyl Methacrylate	12.00	100	2162	0.241	ng	# 1
51) n-Heptane	12.00	71	9199	0.421	ng	# 63
52) cis-1,3-Dichloropropene	0.00	75	0	N.D.		
53) 4-Methyl-2-pentanone	12.64	58	4678	0.159	ng	# 53
54) trans-1,3-Dichloropropene	0.00	75	0	N.D.		
55) 1,1,2-Trichloroethane	13.65	97	162554	8.412	ng	# 6
58) Toluene	13.75	91	23344	0.265	ng	98
59) 2-Hexanone	0.00	43	0	N.D.		
60) Dibromochloromethane	0.00	129	0	N.D.		
61) 1,2-Dibromoethane	0.00	107	0	N.D.		
62) Butyl Acetate	14.81	43	557	N.D.		
63) n-Octane	0.00	57	0	N.D.		
64) Tetrachloroethene	15.04	166	881112	38.982	ng	100
65) Chlorobenzene	0.00	112	0	N.D.		
66) Ethylbenzene	16.44	91	4209	N.D.		
67) m- & p-Xylene	16.44	91	4209	0.059	ng	# 51
68) Bromoform	0.00	173	0	N.D.		
69) Styrene	0.00	104	0	N.D.		
70) o-Xylene	17.02	91	527	N.D.		
71) n-Nonane	17.23	43	270	N.D.		
72) 1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.		
74) Cumene	0.00	105	0	N.D.		
75) alpha-Pinene	0.00	93	0	N.D.		
76) n-Propylbenzene	0.00	91	0	N.D.		
77) 3-Ethyltoluene	0.00	105	0	N.D.		
78) 4-Ethyltoluene	0.00	105	0	N.D.		
79) 1,3,5-Trimethylbenzene	0.00	105	0	N.D.		
80) alpha-Methylstyrene	0.00	118	0	N.D.		
81) 2-Ethyltoluene	0.00	105	0	N.D.		
82) 1,2,4-Trimethylbenzene	0.00	105	0	N.D.		
83) n-Decane	0.00	57	0	N.D.		
84) Benzyl Chloride	0.00	91	0	N.D.		
85) 1,3-Dichlorobenzene	0.00	146	0	N.D.		
86) 1,4-Dichlorobenzene	0.00	146	0	N.D.		
87) sec-Butylbenzene	0.00	105	0	N.D.		
88) p-Isopropyltoluene	0.00	119	0	N.D.		
89) 1,2,3-Trimethylbenzene	0.00	105	0	N.D.		
90) 1,2-Dichlorobenzene	0.00	146	0	N.D.		
91) d-Limonene	0.00	68	0	N.D.		
92) 1,2-Dibromo-3-Chloropr...	0.00	157	0	N.D.		
93) n-Undecane	0.00	57	0	N.D.		
94) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.		
95) Naphthalene	0.00	128	0	N.D.		
96) n-Dodecane	0.00	57	0	N.D.		
97) Hexachloro-1,3-butadiene	0.00	225	0	N.D.		

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

Quantitation Report (Qedit)

Data Path : J:\MS08\Data\2008_02\28\
 Data File : 02280813.D
 Acq On : 28 Feb 2008 19:21
 Operator : SC
 Sample : P0800448-008 Dil(50ml)
 'sc : Walden SV-5 (0.7,3.5)
 S Vial : 13 Sample Multiplier: 1

Quant Time: Feb 29 08:49:21 2008
 Quant Method : J:\MS08\Methods\R8022108.M
 Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 QLast Update : Fri Feb 22 09:32:02 2008
 Response via : Initial Calibration



(64) Tetrachloroethene (T)

15.041min (+0.000) 38.98ng

response 881112

Ion	Exp%	Act%
166.00	100	100
163.90	78.10	78.01
0.00	0.00	0.00
0.00	0.00	0.00

Standards Data

Response Factor Report MS08

Method Path : J:\MS08\Methods\
 Method File : R8022108.M
 Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 Last Update : Fri Feb 22 09:32:02 2008
 Response Via : Initial Calibration

Calibration Files

0.1 =02210805.D 0.5 =02210806.D 1.0 =02210807.D 5.0 =02210808.D
 25 =02210809.D 50 =02210810.D 100 =02210811.D

Compound			0.1	0.5	1.0	5.0	25	50	100	Avg	%RSD
1)	IR	Bromochloromethane (I	-----ISTD-----								
2)	T	Propene	2.315	2.678	2.420	2.267	2.158	2.063	1.930	2.261	10.86
3)	T	Dichlorodifluoromet	4.048	4.265	3.670	3.392	3.277	3.123	2.953	3.533	13.73
4)	T	Chloromethane	4.446	4.431	4.033	3.718	3.674	3.396	3.174	3.839	12.75
5)	T	Freon 114	1.608	1.452	1.361	1.212	1.159	1.033	0.947	1.253	18.73
6)	T	Vinyl Chloride	3.098	3.601	3.147	3.048	2.893	2.804	2.523	3.016	11.08
7)	T	1,3-Butadiene	2.906	3.210	2.751	2.603	2.635	2.527	2.333	2.709	10.48
8)	T	Bromomethane	1.009	1.446	1.351	1.261	1.319	1.276	1.254	1.274	10.55
9)	T	Chloroethane	1.022	1.670	1.498	1.370	1.351	1.335	1.298	1.364	14.49
10)	T	Ethanol		1.461	1.569	1.483	1.492	1.497	1.514	1.502	2.45
11)	T	Acetonitrile	5.496	4.953	4.392	4.144	4.005	3.865	3.711	4.367	14.73
12)	T	Acrolein	1.016	1.345	1.258	1.203	1.220	1.178	1.126	1.192	8.67
13)	T	Acetone		2.433	1.978	1.788	1.576	1.584	1.549	1.818	18.90
14)	T	Trichlorofluorometh	2.883	2.950	2.715	2.492	2.466	2.322	2.229	2.580	10.70
15)	T	Isopropanol	6.939	6.666	6.322	4.558	5.368	4.407	3.927	5.455	22.03
16)	T	Acrylonitrile	2.374	3.392	3.043	2.940	3.021	2.937	2.840	2.935	10.33
17)	T	1,1-Dichloroethene	1.144	1.573	1.405	1.288	1.289	1.238	1.202	1.306	10.99
18)	T	tert-Butanol	5.674	6.797	6.109	5.487	5.211	4.976	4.129	5.483	15.47
19)	T	Methylene Chloride	2.101	1.714	1.611	1.461	1.449	1.416	1.387	1.591	15.93
20)	T	Allyl Chloride	2.702	3.228	3.074	2.853	2.993	2.877	2.757	2.926	6.30
21)	T	Trichlorotrifluoroe	1.005	1.425	1.304	1.221	1.173	1.152	1.093	1.196	11.54
22)	T	Carbon Disulfide		1.034	0.796	0.621	0.589	0.571	0.553	0.694	E1 27.11
23)	T	trans-1,2-Dichloroe	2.879	3.164	2.996	2.778	2.822	2.700	2.613	2.850	6.49
24)	T	1,1-Dichloroethane	2.923	3.400	3.089	2.758	2.796	2.634	2.539	2.877	10.18
25)	T	Methyl tert-Butyl E	6.312	6.264	5.572	5.193	5.069	4.949	4.752	5.444	11.54
26)	T	Vinyl Acetate		0.187	0.215	0.299	0.220	0.214	0.177	0.219	19.66
27)	T	2-Butanone		1.093	1.032	1.007	1.005	0.986	0.889	1.002	6.65
28)	T	cis-1,2-Dichloroeth	2.755	2.931	2.801	2.522	2.552	2.432	2.350	2.621	8.10
29)	T	Diisopropyl Ether	0.619	1.411	1.320	1.241	1.251	1.233	1.189	1.180	21.86
30)	T	Ethyl Acetate		0.701	0.673	0.656	0.647	0.626	0.591	0.649	5.87
31)	T	n-Hexane	4.239	4.572	3.941	3.694	3.638	3.551	3.416	3.865	10.71
32)	T	Chloroform	2.449	2.627	2.414	2.031	2.061	1.921	1.856	2.194	13.60
33)	S	1,2-Dichloroethane-	2.412	2.430	2.425	2.274	2.312	2.192	2.105	2.307	5.46
34)	T	Tetrahydrofuran		1.122	1.031	1.017	0.987	0.891	0.781	0.972	12.30
35)	T	Ethyl tert-Butyl Et	1.847	2.273	2.081	1.900	1.937	1.904	1.846	1.970	7.90
36)	T	1,2-Dichloroethane	2.916	3.126	2.885	2.608	2.578	2.349	2.117	2.654	13.17
37)	IR	1,4-Difluorobenzene (	-----ISTD-----								
38)	T	1,1,1-Trichloroetha	0.634	0.687	0.625	0.578	0.579	0.556	0.544	0.600	8.42
39)	T	Isopropyl Acetate	0.099	0.303	0.278	0.257	0.263	0.253	0.247	0.243	27.25

2/22/08

Method Path : J:\MS08\Methods\
Method File : R8022108.M
Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
Last Update : Fri Feb 22 09:32:02 2008
Response Via : Initial Calibration

Calibration Files

0.1 =02210805.D 0.5 =02210806.D 1.0 =02210807.D 5.0 =02210808.D
25 =02210809.D 50 =02210810.D 100 =02210811.D

	Compound	0.1	0.5	1.0	5.0	25	50	100	Avg	%RSD
40)	T 1-Butanol	0.473	0.516	0.495	0.465	0.475	0.456	0.438	0.474	5.38
41)	T Benzene	1.462	1.489	1.335	1.187	1.187	1.143	1.117	1.274	12.07
42)	T Carbon Tetrachlorid	0.520	0.585	0.567	0.504	0.513	0.494	0.483	0.524	7.26
43)	T Cyclohexane	0.738	0.623	0.567	0.491	0.492	0.473	0.464	0.550	18.36
44)	T tert-Amyl Methyl Et	1.079	1.191	1.064	0.967	0.993	0.950	0.930	1.025	8.99
45)	T 1,2-Dichloropropane	0.321	0.441	0.410	0.377	0.377	0.365	0.355	0.378	10.22
46)	T Bromodichloromethan	0.462	0.522	0.484	0.438	0.450	0.430	0.413	0.457	8.04
47)	T Trichloroethene	0.204	0.358	0.329	0.292	0.296	0.283	0.271	0.290	16.57
48)	T 1,4-Dioxane		0.253	0.245	0.233	0.236	0.224	0.211	0.234	6.31
49)	T Isooctane	2.326	2.330	2.120	1.891	1.933	1.834	1.753	2.027	11.57
50)	T Methyl Methacrylate		0.149	0.139	0.132	0.137	0.134	0.132	0.137	4.72
51)	T n-Heptane	0.323	0.386	0.354	0.326	0.324	0.315	0.308	0.334	8.19
52)	T cis-1,3-Dichloropro	0.622	0.659	0.612	0.546	0.556	0.539	0.527	0.580	8.71
53)	T 4-Methyl-2-pentanon	0.468	0.506	0.485	0.433	0.434	0.414	0.399	0.448	8.67
54)	T trans-1,3-Dichlorop	0.477	0.619	0.562	0.526	0.536	0.521	0.511	0.536	8.36
55)	T 1,1,2-Trichloroetha	0.270	0.340	0.324	0.287	0.291	0.280	0.275	0.295	8.98
56)	I Chlorobenzene-d5 (IS3	-----ISTD-----								
57)	S Toluene-d8 (SS2)	2.076	2.063	2.068	2.055	2.062	2.064	2.077	2.067	0.38
58)	T Toluene	2.873	2.794	2.467	2.221	2.216	2.111	2.034	2.388	13.95
59)	T 2-Hexanone	2.205	2.200	2.030	1.896	1.842	1.722	1.634	1.933	11.54
60)	T Dibromochloromethan	0.542	0.690	0.645	0.589	0.600	0.573	0.556	0.599	8.67
61)	T 1,2-Dibromoethane	0.551	0.678	0.648	0.580	0.584	0.557	0.545	0.592	8.71
62)	T Butyl Acetate	2.248	2.252	2.086	1.940	1.808	1.694	1.612	1.949	13.23
63)	T n-Octane	0.593	0.854	0.761	0.688	0.705	0.666	0.638	0.701	12.24
64)	T Tetrachloroethene	0.604	0.727	0.641	0.602	0.603	0.566	0.541	0.612	9.78
65)	T Chlorobenzene	1.738	1.757	1.620	1.444	1.450	1.366	1.308	1.526	11.75
66)	T Ethylbenzene	3.343	3.373	2.997	2.660	2.687	2.542	2.439	2.863	13.25
67)	T m- & p-Xylene	2.280	2.214	2.016	1.806	1.809	1.718	1.655	1.928	12.73
68)	T Bromoform	0.301	0.480	0.448	0.412	0.424	0.405	0.399	0.410	13.54
69)	T Styrene	1.817	1.974	1.780	1.641	1.654	1.571	1.511	1.707	9.36
70)	T o-Xylene	2.436	2.377	2.170	1.917	1.943	1.845	1.791	2.069	12.58
71)	T n-Nonane	2.038	1.982	1.849	1.648	1.639	1.521	1.423	1.729	13.48
72)	T 1,1,2,2-Tetrachloro	0.824	0.950	0.852	0.777	0.790	0.761	0.744	0.814	8.66
73)	S Bromofluorobenzene	0.721	0.721	0.724	0.725	0.731	0.721	0.719	0.723	0.56
74)	T Cumene	2.975	2.995	2.751	2.461	2.503	2.353	2.259	2.614	11.31
75)	T alpha-Pinene	1.465	1.627	1.507	1.369	1.398	1.321	1.277	1.424	8.39
76)	T n-Propylbenzene	3.607	3.843	3.498	3.139	3.178	2.999	2.860	3.303	10.73
77)	T 3-Ethyltoluene	3.175	3.299	2.959	2.632	2.685	2.570	2.467	2.827	11.33
78)	T 4-Ethyltoluene	2.989	3.084	2.792	2.502	2.458	2.301	2.177	2.615	13.24
79)	T 1,3,5-Trimethylbenz	2.726	2.714	2.487	2.234	2.238	2.116	2.030	2.363	11.91

2/22/08

Response Factor Report MS08

Method Path : J:\MS08\Methods\
Method File : R8022108.M
Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
Last Update : Fri Feb 22 09:32:02 2008
Response Via : Initial Calibration

Calibration Files

0.1 =02210805.D 0.5 =02210806.D 1.0 =02210807.D 5.0 =02210808.D
25 =02210809.D 50 =02210810.D 100 =02210811.D

	Compound	0.1	0.5	1.0	5.0	25	50	100	Avg	%RSD
80)	T alpha-Methylstyrene	1.255	1.384	1.271	1.164	1.194	1.121	1.074	1.209	8.59
81)	T 2-Ethyltoluene	3.076	3.221	2.967	2.631	2.660	2.521	2.412	2.784	10.93
82)	T 1,2,4-Trimethylbenz	2.618	2.736	2.488	2.238	2.240	2.110	2.045	2.354	11.17
83)	T n-Decane	2.100	2.107	1.923	1.708	1.728	1.624	1.542	1.819	12.46
84)	T Benzyl Chloride	2.139	2.288	2.151	2.064	2.070	2.009	1.940	2.094	5.34
85)	T 1,3-Dichlorobenzene	1.407	1.474	1.303	1.210	1.197	1.120	1.057	1.253	12.03
86)	T 1,4-Dichlorobenzene	1.348	1.443	1.290	1.175	1.162	1.100	1.038	1.222	11.77
87)	T sec-Butylbenzene	3.226	3.395	3.112	2.790	2.817	2.659	2.500	2.928	11.04
88)	T p-Isopropyltoluene	2.709	2.904	2.656	2.363	2.363	2.219	2.092	2.472	11.78
89)	T 1,2,3-Trimethylbenz	2.576	2.663	2.405	2.173	2.217	2.087	2.025	2.306	10.67
90)	T 1,2-Dichlorobenzene	1.292	1.329	1.261	1.105	1.091	1.023	0.963	1.152	12.33
91)	T d-Limonene	0.858	1.060	0.964	0.890	0.915	0.878	0.861	0.918	7.90
92)	T 1,2-Dibromo-3-Chlor		0.419	0.415	0.393	0.419	0.396	0.381	0.404	3.93
93)	T n-Undecane	2.118	2.184	2.022	1.836	1.827	1.700	1.594	1.897	11.51
94)	T 1,2,4-Trichlorobenz	0.830	1.059	0.972	0.877	0.907	0.845	0.799	0.898	10.09
95)	T Naphthalene	2.802	3.229	2.956	2.750	2.873	2.687	2.510	2.830	8.00
96)	T n-Dodecane	1.863	2.140	1.967	1.809	1.761	1.605	1.511	1.808	11.74
97)	T Hexachloro-1,3-buta	0.511	0.593	0.576	0.518	0.521	0.488	0.465	0.525	8.73

(#) = Out of Range

2/22/08

**Primary Source Standards Concentrations
(Working & Initial Calibration)**

4ng/L Std. ID: **S20-02110810**
 20ng/L Std. ID: **S20-02110809**
 200ng/L Std. ID: **S20-01290804**

200ng/L Std. ID: S20-01290804					ICAL Concentrations (Primary Source)							
Dilution Factors:		5	50	250	Working STD Conc.(ng/L):	4	20	20	20	200	200	200
	Source Std.	Primary Working Standards			Injection (L):	0.025	0.025	0.050	0.25	0.125	0.25	0.50
Compounds	mg/m ³	200ng/L	20ng/L	4ng/L	ICAL Points:	0.1ng	0.5ng	1ng	5ng	25ng	50ng	100ng
Propene	1.08	216	21.6	4.32		0.108	0.540	1.08	5.40	27.0	54.0	108
Dichlorodifluoromethane	1.04	208	20.8	4.16		0.104	0.520	1.04	5.20	26.0	52.0	104
Chloromethane	1.02	204	20.4	4.08		0.102	0.510	1.02	5.10	25.5	51.0	102
Freon-114	1.07	214	21.4	4.28		0.107	0.535	1.07	5.35	26.8	53.5	107
Vinyl Chloride	1.03	206	20.6	4.12		0.103	0.515	1.03	5.15	25.8	51.5	103
1,3-Butadiene	1.09	218	21.8	4.36		0.109	0.545	1.09	5.45	27.3	54.5	109
Bromomethane	1.05	210	21.0	4.20		0.105	0.525	1.05	5.25	26.3	52.5	105
Chloroethane	1.05	210	21.0	4.20		0.105	0.525	1.05	5.25	26.3	52.5	105
Ethanol	0.91	182	18.2	3.64		0.091	0.455	0.910	4.55	22.8	45.5	91.0
Acetonitrile	0.980	196	19.6	3.92		0.098	0.490	0.980	4.90	24.5	49.0	98.0
Acrolein	0.960	192	19.2	3.84		0.096	0.480	0.960	4.80	24.0	48.0	96.0
Acetone	1.11	222	22.2	4.44		0.111	0.555	1.11	5.55	27.8	55.5	111
Trichlorofluoromethane	1.04	208	20.8	4.16		0.104	0.520	1.04	5.20	26.0	52.0	104
Isopropanol	1.03	206	20.6	4.12		0.103	0.515	1.03	5.15	25.8	51.5	103
Acrylonitrile	1.010	202	20.2	4.04		0.101	0.505	1.01	5.05	25.3	50.5	101
1,1-Dichloroethene	1.13	226	22.6	4.52		0.113	0.565	1.13	5.65	28.3	56.5	113
tert-Butanol	1.020	204	20.4	4.08		0.102	0.510	1.02	5.10	25.5	51.0	102
Methylene Chloride	1.12	224	22.4	4.48		0.112	0.560	1.12	5.60	28.0	56.0	112
Allyl Chloride	1.05	210	21.0	4.20		0.105	0.525	1.05	5.25	26.3	52.5	105
Trichlorotrifluoroethane	1.14	228	22.8	4.56		0.114	0.570	1.14	5.70	28.5	57.0	114
Carbon Disulfide	1.00	200	20.0	4.00		0.100	0.500	1.00	5.00	25.0	50.0	100
trans-1,2-Dichloroethene	1.10	220	22.0	4.40		0.110	0.550	1.10	5.50	27.5	55.0	110
1,1-Dichloroethane	1.11	222	22.2	4.44		0.111	0.555	1.11	5.55	27.8	55.5	111
Methyl tert-Butyl Ether	1.11	222	22.2	4.44		0.111	0.555	1.11	5.55	27.8	55.5	111
Vinyl Acetate	0.98	196	19.6	3.92		0.098	0.490	0.980	4.90	24.5	49.0	98.0
2-Butanone	1.12	224	22.4	4.48		0.112	0.560	1.12	5.60	28.0	56.0	112
cis-1,2-Dichloroethene	1.11	222	22.2	4.44		0.111	0.555	1.11	5.55	27.8	55.5	111
Diisopropyl Ether	1.03	206	20.6	4.12		0.103	0.515	1.03	5.15	25.8	51.5	103
Ethyl Acetate	1.27	254	25.4	5.08		0.127	0.635	1.27	6.35	31.8	63.5	127
n-Hexane	1.12	224	22.4	4.48		0.112	0.560	1.12	5.60	28.0	56.0	112
Chloroform	1.29	258	25.8	5.16		0.129	0.645	1.29	6.45	32.3	64.5	129
Tetrahydrofuran	1.11	222	22.2	4.44		0.111	0.555	1.11	5.55	27.8	55.5	111
Ethyl tert-Butyl Ether	1.05	210	21.0	4.20		0.105	0.525	1.05	5.25	26.3	52.5	105
1,2-Dichloroethane	1.10	220	22.0	4.40		0.110	0.550	1.10	5.50	27.5	55.0	110
1,1,1-Trichloroethane	1.10	220	22.0	4.40		0.110	0.550	1.10	5.50	27.5	55.0	110
Isopropyl Acetate	1.010	202	20.2	4.04		0.101	0.505	1.01	5.05	25.3	50.5	101
1-Butanol	0.910	182	18.2	3.64		0.091	0.455	0.910	4.55	22.8	45.5	91.0
Benzene	1.10	220	22.0	4.40		0.110	0.550	1.10	5.50	27.5	55.0	110
Carbon Tetrachloride	1.07	214	21.4	4.28		0.107	0.535	1.07	5.35	26.8	53.5	107
Cyclohexane	1.11	222	22.2	4.44		0.111	0.555	1.11	5.55	27.8	55.5	111
tert-Amyl Methyl Ether	1.04	208	20.8	4.16		0.104	0.520	1.04	5.20	26.0	52.0	104
1,2-Dichloropropane	1.09	218	21.8	4.36		0.109	0.545	1.09	5.45	27.3	54.5	109
Bromodichloromethane	1.15	230	23.0	4.60		0.115	0.575	1.15	5.75	28.8	57.5	115
Trichloroethene	1.14	228	22.8	4.56		0.114	0.570	1.14	5.70	28.5	57.0	114
1,4-Dioxane	1.15	230	23.0	4.60		0.115	0.575	1.15	5.75	28.8	57.5	115
Isooctane	1.04	208	20.8	4.16		0.104	0.520	1.04	5.20	26.0	52.0	104
Methyl Methacrylate	1.06	212	21.2	4.24		0.106	0.530	1.06	5.30	26.5	53.0	106
n-Heptane	1.11	222	22.2	4.44		0.111	0.555	1.11	5.55	27.8	55.5	111
cis-1,3-Dichloropropene	1.04	208	20.8	4.16		0.104	0.520	1.04	5.20	26.0	52.0	104
4-Methyl-2-pentanone	1.05	210	21.0	4.20		0.105	0.525	1.05	5.25	26.3	52.5	105
trans-1,3-Dichloropropene	1.16	232	23.2	4.64		0.116	0.580	1.16	5.80	29.0	58.0	116
1,1,2-Trichloroethane	1.09	218	21.8	4.36		0.109	0.545	1.09	5.45	27.3	54.5	109
Toluene	1.10	220	22.0	4.40		0.110	0.550	1.10	5.50	27.5	55.0	110
2-Hexanone	1.02	204	20.4	4.08		0.102	0.510	1.02	5.10	25.5	51.0	102
Dibromochloromethane	1.11	222	22.2	4.44		0.111	0.555	1.11	5.55	27.8	55.5	111
1,2-Dibromoethane	1.09	218	21.8	4.36		0.109	0.545	1.09	5.45	27.3	54.5	109
n-Butyl Acetate	1.05	210	21.0	4.20		0.105	0.525	1.05	5.25	26.3	52.5	105
n-Octane	1.04	208	20.8	4.16		0.104	0.520	1.04	5.20	26.0	52.0	104
Tetrachloroethene	1.09	218	21.8	4.36		0.109	0.545	1.09	5.45	27.3	54.5	109
Chlorobenzene	1.10	220	22.0	4.40		0.110	0.550	1.10	5.50	27.5	55.0	110
Ethylbenzene	1.08	216	21.6	4.32		0.108	0.540	1.08	5.40	27.0	54.0	108
m-&p-Xylene	2.58	516	51.6	10.32		0.258	1.29	2.58	12.9	64.5	129	258

2/22/08

**Primary Source Standards Concentrations
(Working & Initial Calibration)**

4ng/L Std. ID: S20-02110810
20ng/L Std. ID: S20-02110809
200ng/L Std. ID: S20-01290804

200ng/L Std. ID: S20-01290804					Working STD Conc.(ng/L):	ICAL Concentrations (Primary Source)						
Dilution Factors:		5	50	250		4	20	20	20	200	200	200
	Source Std.	Primary Working Standards			Injection (L):	0.025	0.025	0.05	0.25	0.125	0.25	0.50
Compounds	mg/m³	200ng/L	20ng/L	4ng/L	ICAL Points:	0.1ng	0.5ng	1ng	5ng	25ng	50ng	100ng
Bromoform	1.31	262	26.2	5.24	[REDACTED]	0.131	0.655	1.31	6.55	32.8	65.5	131
Styrene	1.08	216	21.6	4.32		0.108	0.540	1.08	5.40	27.0	54.0	108
o-Xylene	1.22	244	24.4	4.88		0.122	0.610	1.22	6.10	30.5	61.0	122
n-Nonane	1.03	206	20.6	4.12		0.103	0.515	1.03	5.15	25.8	51.5	103
1,1,2,2-Tetrachloroethane	1.23	246	24.6	4.92		0.123	0.615	1.23	6.15	30.8	61.5	123
Cumene	1.08	216	21.6	4.32		0.108	0.540	1.08	5.40	27.0	54.0	108
alpha-Pinene	1.06	212	21.2	4.24		0.106	0.530	1.06	5.30	26.5	53.0	106
n-Propylbenzene	1.05	210	21.0	4.20		0.105	0.525	1.05	5.25	26.3	52.5	105
3-Ethyltoluene	1.02	204	20.4	4.08		0.102	0.510	1.02	5.10	25.5	51.0	102
4-Ethyltoluene	1.11	222	22.2	4.44		0.111	0.555	1.11	5.55	27.8	55.5	111
1,3,5-Trimethylbenzene	1.08	216	21.6	4.32		0.108	0.540	1.08	5.40	27.0	54.0	108
alpha-Methylstyrene	1.02	204	20.4	4.08		0.102	0.510	1.02	5.10	25.5	51.0	102
2-Ethyltoluene	0.990	198	19.8	3.96		0.099	0.495	0.990	4.95	24.8	49.5	99.0
1,2,4-Trimethylbenzene	1.10	220	22.0	4.40		0.110	0.550	1.10	5.50	27.5	55.0	110
n-Decane	1.04	208	20.8	4.16		0.104	0.520	1.04	5.20	26.0	52.0	104
Benzyl Chloride	1.07	214	21.4	4.28		0.107	0.535	1.07	5.35	26.8	53.5	107
1,3-Dichlorobenzene	1.06	212	21.2	4.24		0.106	0.530	1.06	5.30	26.5	53.0	106
1,4-Dichlorobenzene	1.10	220	22.0	4.40		0.110	0.550	1.10	5.50	27.5	55.0	110
sec-Butylbenzene	1.07	214	21.4	4.28		0.107	0.535	1.07	5.35	26.8	53.5	107
p-Isopropyltoluene	1.180	236	23.6	4.72		0.118	0.590	1.18	5.90	29.5	59.0	118
1,2,3-Trimethylbenzene	1.10	220	22.0	4.40		0.110	0.550	1.10	5.50	27.5	55.0	110
1,2-Dichlorobenzene	1.08	216	21.6	4.32		0.108	0.540	1.08	5.40	27.0	54.0	108
d-Limonene	1.06	212	21.2	4.24		0.106	0.530	1.06	5.30	26.5	53.0	106
1,2-Dibromo-3-chloropropane	1.04	208	20.8	4.16		0.104	0.520	1.04	5.20	26.0	52.0	104
n-Undecane	1.05	210	21.0	4.20		0.105	0.525	1.05	5.25	26.3	52.5	105
1,2,4-Trichlorobenzene	1.12	224	22.4	4.48		0.112	0.560	1.12	5.60	28.0	56.0	112
Phthalene	1.05	210	21.0	4.20		0.105	0.525	1.05	5.25	26.3	52.5	105
Dodecane	1.06	212	21.2	4.24		0.106	0.530	1.06	5.30	26.5	53.0	106
Hexachloro-1,3-butadiene	1.11	222	22.2	4.44		0.111	0.555	1.11	5.55	27.8	55.5	111

*Enter Information in the Solid Shaded Areas ONLY.

✓ 2/22/08

Method Path : J:\MS08\Methods\
Method File : R8022108.M
Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
Last Update : Fri Feb 22 09:32:02 2008
Response Via : Initial Calibration

ID	Conc	ISTD Conc	Path\File
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2	0.5	1	25 J:\MS08\Data\2008_02\21\02210806.D
3	1.0	1	25 J:\MS08\Data\2008_02\21\02210807.D
4	5.0	5	25 J:\MS08\Data\2008_02\21\02210808.D
5	25	27	25 J:\MS08\Data\2008_02\21\02210809.D
6	50	54	25 J:\MS08\Data\2008_02\21\02210810.D
7	100	108	25 J:\MS08\Data\2008_02\21\02210811.D

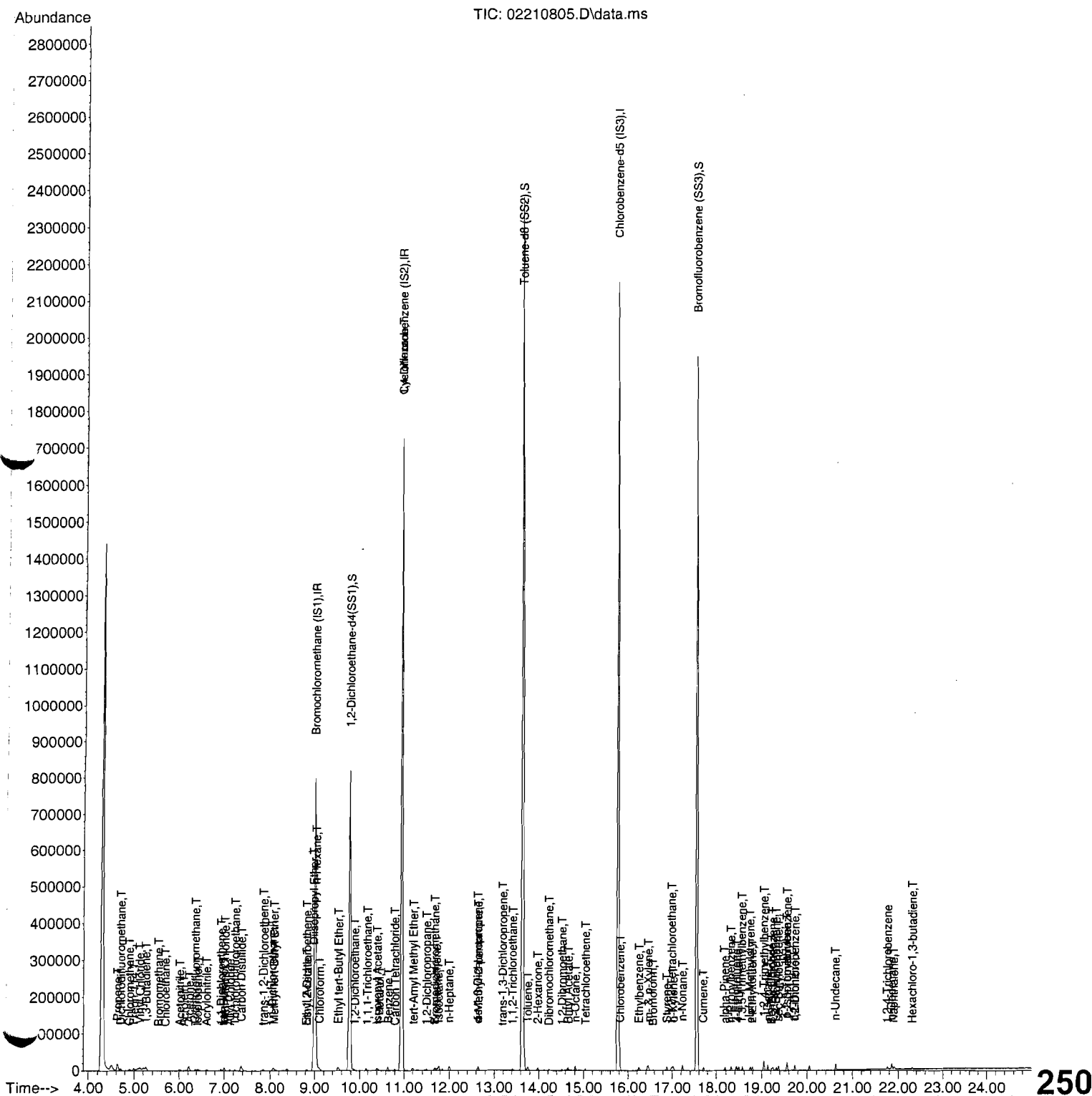
ID	Update Time	Quant Time	Acquisition Time
1	0.1 Feb 22 09:32 2008	Feb 22 09:06 2008	21 Feb 2008 14:01
2	0.5 Feb 22 09:27 2008	Feb 22 09:08 2008	21 Feb 2008 14:38
3	1.0 Feb 22 09:27 2008	Feb 22 09:12 2008	21 Feb 2008 15:15
4	5.0 Feb 22 09:27 2008	Feb 22 09:14 2008	21 Feb 2008 15:52
5	25 Feb 22 09:26 2008	Feb 22 09:16 2008	21 Feb 2008 16:29
5	50 Feb 22 09:28 2008	Feb 22 09:19 2008	21 Feb 2008 17:06
7	100 Feb 22 09:28 2008	Feb 22 09:20 2008	21 Feb 2008 17:43

022108.M Fri Feb 22 13:47:05 2008

✓ 2/22/08

Data Path : J:\MS08\Data\2008_02\21\
Data File : 02210805.D
Acq On : 21 Feb 2008 14:01
Operator : SC
Sample : 0.1ng TO-15 ICAL STD
Misc : S20-01280801/S20-02110810
 S Vial : 16 Sample Multiplier: 1

Quant Time: Feb 22 09:06:05 2008
Quant Method : J:\MS08\Methods\R8022108.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Wed Jan 09 10:28:23 2008
Response via : Initial Calibration



Data Path : J:\MS08\Data\2008_02\21\
 Data File : 02210805.D
 Acq On : 21 Feb 2008 14:01
 Operator : SC
 Sample : 0.1ng TO-15 ICAL STD
 Misc : S20-01280801/S20-02110810
 ALS Vial : 16 Sample Multiplier: 1

Quant Time: Feb 22 09:06:05 2008
 Quant Method : J:\MS08\Methods\R8022108.M
 Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 QLast Update : Wed Jan 09 10:28:23 2008
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane (IS1)	8.99	130	325988	25.000	ng	-0.02
37) 1,4-Difluorobenzene (IS2)	10.94	114	1574176	25.000	ng	0.00
56) Chlorobenzene-d5 (IS3)	15.77	82	894209	25.000	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4(...)	9.77	65	786316	41.741	ng	-0.01
Spiked Amount	25.000		Recovery	=	166.96%	
57) Toluene-d8 (SS2)	13.64	98	1856427	23.214	ng	0.00
Spiked Amount	25.000		Recovery	=	92.84%	
73) Bromofluorobenzene (SS3)	17.55	174	644689	25.013	ng	0.00
Spiked Amount	25.000		Recovery	=	100.04%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Propene	4.62	42	3260	0.150	ng	# 83
3) Dichlorodifluoromethane	4.70	85	5490	0.148	ng	# 83
4) Chloromethane	4.90	50	5913	0.198	ng	# 50
5) Freon 114	5.00	135	2244	0.174	ng	# 42
6) Vinyl Chloride	5.13	62	4161	0.159	ng	67
7) 1,3-Butadiene	5.26	54	4131	0.218	ng	99
8) Bromomethane	5.53	94	1382	0.085	ng	# 73
9) Chloroethane	5.69	64	1399	0.096	ng	# 42
10) Ethanol	5.79	45	517	N.D.		
11) Acetonitrile	6.01	41	7023	0.198	ng	97
12) Acrolein	6.10	56	1272	0.118	ng	# 39
13) Acetone	6.22	58	5773	0.359	ng	# 74
14) Trichlorofluoromethane	6.36	101	3909	0.165	ng	85
15) Isopropanol	6.41	45	9319	0.220	ng	# 61
16) Acrylonitrile	6.60	53	3126	0.134	ng	90
17) 1,1-Dichloroethene	6.93	96	1685	0.100	ng	# 15
18) tert-Butanol	6.98	59	7546	0.168	ng	# 65
19) Methylene Chloride	7.01	84	3069	0.147	ng	# 29
20) Allyl Chloride	7.12	41	3700	0.154	ng	# 40
21) Trichlorotrifluoroethane	7.23	151	1494	0.103	ng	93
22) Carbon Disulfide	7.37	76	31776	0.389	ng	85
23) trans-1,2-Dichloroethene	7.85	61	4130	0.161	ng	# 61
24) 1,1-Dichloroethane	8.04	63	4231	0.153	ng	# 42
25) Methyl tert-Butyl Ether	8.07	73	9136	0.172	ng	89
26) Vinyl Acetate	0.00	86	0	N.D.		
27) 2-Butanone	8.39	72	349	N.D.		
28) cis-1,2-Dichloroethene	8.82	61	3988	0.172	ng	# 55
29) Diisopropyl Ether	8.97	87	831	0.055	ng	# 1
30) Ethyl Acetate	8.82	61	3988	0.616	ng	# 10
31) n-Hexane	9.02	57	6191	0.191	ng	# 64
32) Chloroform	9.10	83	4120	0.179	ng	89
34) Tetrahydrofuran	9.54	72	546	N.D.		
35) Ethyl tert-Butyl Ether	9.52	87	2529	0.119	ng	# 31
36) 1,2-Dichloroethane	9.88	62	4183	0.192	ng	# 52
38) 1,1,1-Trichloroethane	10.17	97	4388	0.149	ng	88
39) Isopropyl Acetate	10.39	61	630	0.051	ng	# 1
40) 1-Butanol	10.44	56	2713	0.175	ng	# 16
41) Benzene	10.64	78	10124	0.125	ng	90
42) Carbon Tetrachloride	10.79	117	3505	0.137	ng	95
43) Cyclohexane	10.94	84	5157	0.157	ng	# 1
44) tert-Amyl Methyl Ether	11.20	73	7064	0.127	ng	89
45) 1,2-Dichloropropane	11.50	63	2201	0.103	ng	78
46) Bromodichloromethane	11.68	83	3348	0.139	ng	# 65

2/22/08

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Data Path : J:\MS08\Data\2008_02\21\
 Data File : 02210805.D
 Acq On : 21 Feb 2008 14:01
 Operator : SC
 Sample : 0.1ng TO-15 ICAL STD
 Misc : S20-01280801/S20-02110810
 Vial : 16 Sample Multiplier: 1

Quant Time: Feb 22 09:06:05 2008
 Quant Method : J:\MS08\Methods\R8022108.M
 Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 QLast Update : Wed Jan 09 10:28:23 2008
 Response via : Initial Calibration

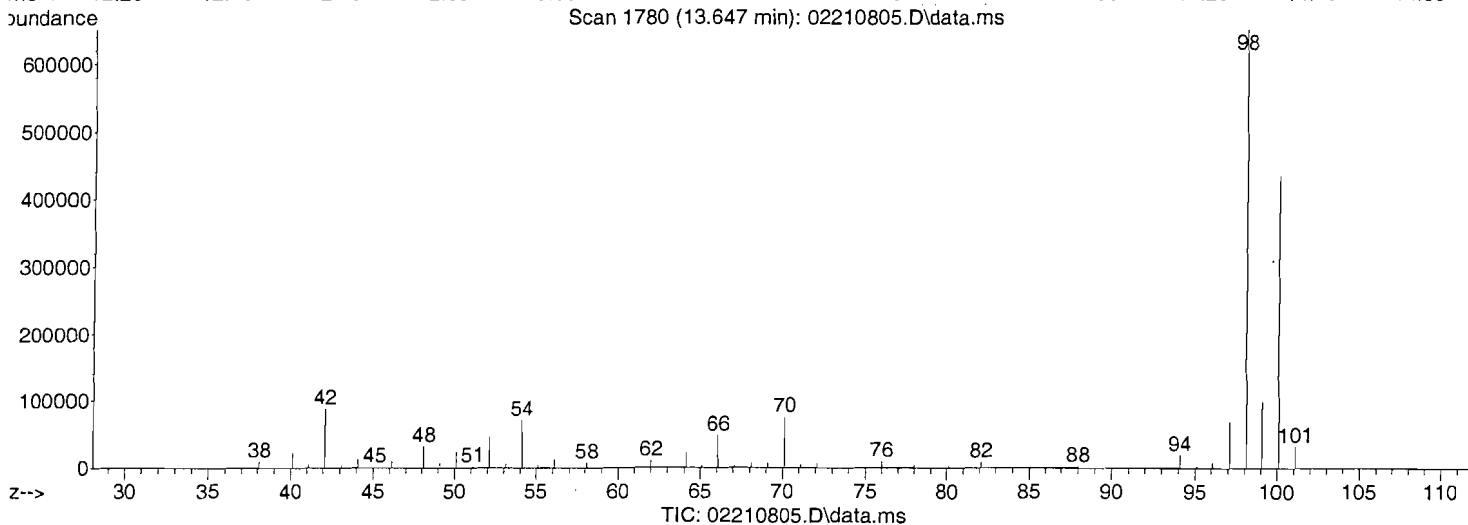
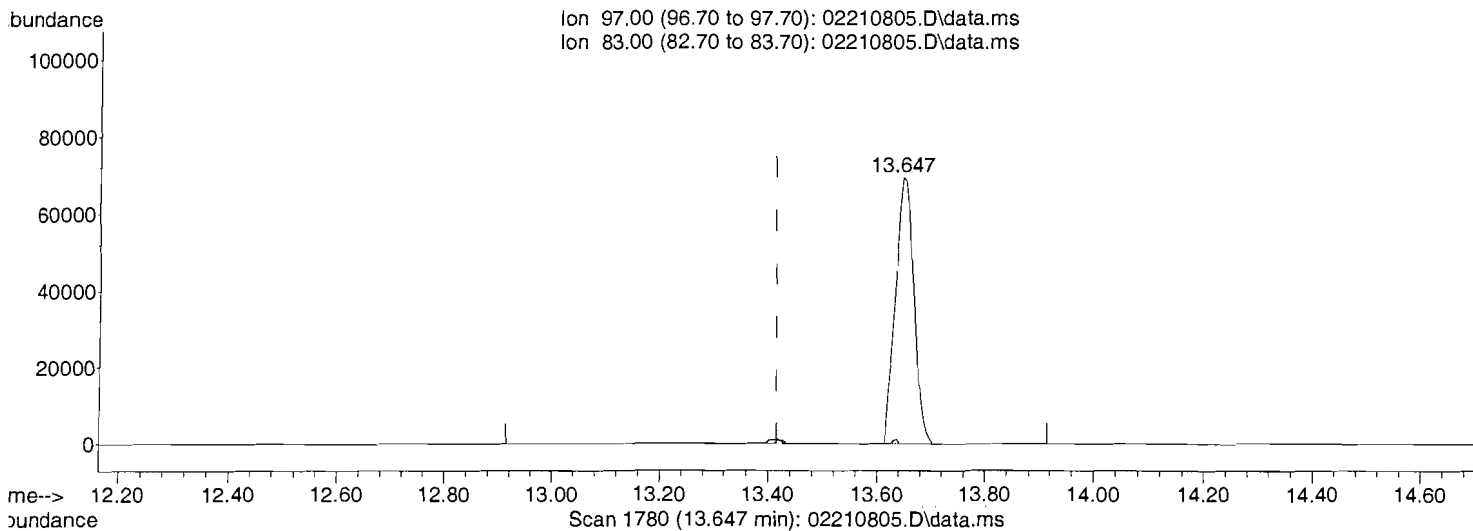
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) Trichloroethene	11.72	130	1467	0.073	ng	# 75
48) 1,4-Dioxane	11.70	88	576	N.D.		
49) Isooctane	11.76	57	15231	0.181	ng	88
50) Methyl Methacrylate	0.00	100	0	N.D.		
51) n-Heptane	12.00	71	2257	0.108	ng	# 34
52) cis-1,3-Dichloropropene	12.63	75	4074	0.126	ng	# 42
53) 4-Methyl-2-pentanone	12.64	58	3092	0.159	ng	# 34
54) trans-1,3-Dichloropropene	13.19	75	3487	0.123	ng	# 56
55) 1,1,2-Trichloroethane	13.42	97	1855m	0.097	ng	
58) Toluene	13.75	91	11303	0.120	ng	97
59) 2-Hexanone	13.98	43	8044	0.145	ng	89
60) Dibromochloromethane	14.23	129	2153	0.089	ng	# 71
61) 1,2-Dibromoethane	14.52	107	2148	0.083	ng	93
62) Butyl Acetate	14.65	43	8443	0.146	ng	# 83
63) n-Octane	14.81	57	2207	0.109	ng	# 67
64) Tetrachloroethene	15.04	166	2354	0.100	ng	91
65) Chlorobenzene	15.83	112	6838	0.112	ng	84
66) Ethylbenzene	16.25	91	12914	0.123	ng	83
67) m- & p-Xylene	16.46	91	21044	0.315	ng	93
68) Bromoform	16.57	173	1412	0.089	ng	# 28
69) Styrene	16.88	104	7020	0.112	ng	86
70) o-Xylene	17.02	91	10630	0.145	ng	91
71) n-Nonane	17.23	43	7510	0.156	ng	# 90
72) 1,1,2,2-Tetrachloroethane	16.99	83	3623	0.101	ng	95
74) Cumene	17.71	105	11492	0.117	ng	84
75) alpha-Pinene	18.18	93	5554	0.108	ng	100
76) n-Propylbenzene	18.31	91	13545	0.107	ng	92
77) 3-Ethyltoluene	18.43	105	11583	0.112	ng	96
78) 4-Ethyltoluene	18.48	105	11868	0.122	ng	98
79) 1,3,5-Trimethylbenzene	18.56	105	10532	0.125	ng	97
80) alpha-Methylstyrene	18.74	118	4580	0.098	ng	99
81) 2-Ethyltoluene	18.80	105	10894	0.104	ng	94
82) 1,2,4-Trimethylbenzene	19.06	105	10302	0.122	ng	97
83) n-Decane	19.14	57	7810	0.159	ng	70
84) Benzyl Chloride	19.22	91	8185	0.110	ng	76
85) 1,3-Dichlorobenzene	19.25	146	5334	0.104	ng	94
86) 1,4-Dichlorobenzene	19.33	146	5305	0.107	ng	91
87) sec-Butylbenzene	19.37	105	12347	0.108	ng	94
88) p-Isopropyltoluene	19.56	119	11435	0.125	ng	96
89) 1,2,3-Trimethylbenzene	19.56	105	10134	0.124	ng	99
90) 1,2-Dichlorobenzene	19.74	146	4992	0.105	ng	87
91) d-Limonene	19.73	68	3252	0.096	ng	97
92) 1,2-Dibromo-3-Chloropr...	20.25	157	575	N.D.		
93) n-Undecane	20.63	57	7956	0.153	ng	# 69
94) 1,2,4-Trichlorobenzene	21.77	180	3324	0.101	ng	# 70
95) Naphthalene	21.91	128	10523	0.092	ng	77
96) n-Dodecane	21.86	57	7062	0.139	ng	# 69
97) Hexachloro-1,3-butadiene	22.32	225	2027	0.119	ng	# 54

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

Quantitation Report (Qedit)

Data Path : J:\MS08\Data\2008_02\21\
 Data File : 02210805.D
 Acq On : 21 Feb 2008 14:01
 Operator : SC
 Sample : 0.1ng TO-15 ICAL STD
 Misc : S20-01280801/S20-02110810
 ALS Vial : 16 Sample Multiplier: 1

Quant Time: Feb 22 08:53:17 2008
 Quant Method : J:\MS08\Methods\R8022108.M
 Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 QLast Update : Wed Jan 09 10:28:23 2008
 Response via : Initial Calibration



(55) 1,1,2-Trichloroethane (T)

13.647min (+0.232) 8.51ng

response 163544

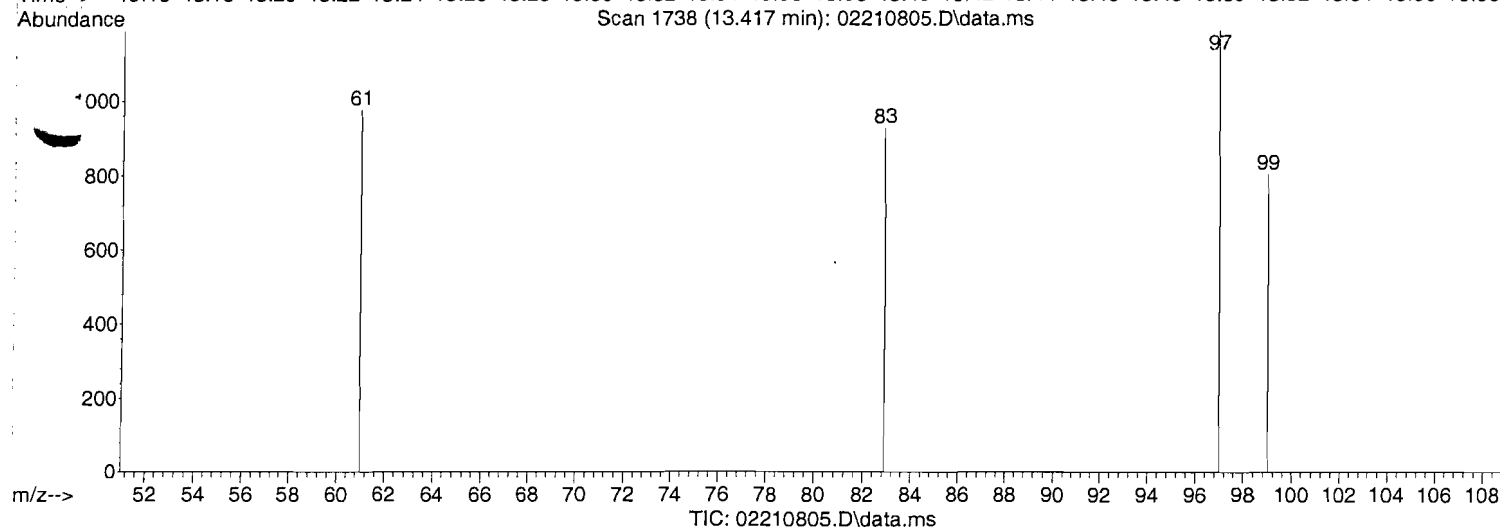
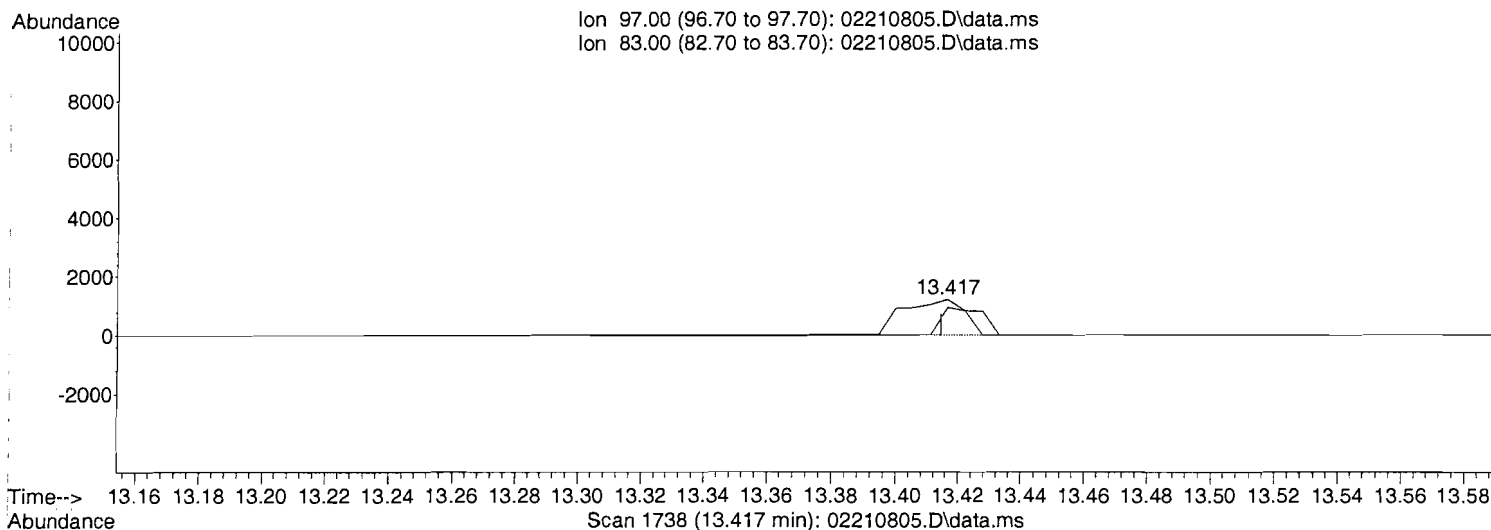
Ion	Exp%	Act%
97.00	100	100
83.00	87.00	0.40#
0.00	0.00	0.00
0.00	0.00	0.00

Wrong peak

Quantitation Report (Qedit)

Data Path : J:\MS08\Data\2008_02\21\
 Data File : 02210805.D
 Acq On : 21 Feb 2008 14:01
 Operator : SC
 Sample : 0.1ng TO-15 ICAL STD
 Misc : S20-01280801/S20-02110810
 S Vial : 16 Sample Multiplier: 1

Quant Time: Feb 22 08:53:17 2008
 Quant Method : J:\MS08\Methods\R8022108.M
 Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 QLast Update : Wed Jan 09 10:28:23 2008
 Response via : Initial Calibration



(55) 1,1,2-Trichloroethane (T)

13.417min (+0.002) 0.10ng m

response 1855

Ion	Exp%	Act%
97.00	100	100
83.00	87.00	35.47#
0.00	0.00	0.00
0.00	0.00	0.00

Correct peak

C. 2/22/08

2/25/08

Quant Time: Feb 22 09:08:01 2008
Quant Method : J:\MS08\Methods\R8022108.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Wed Jan 09 10:28:23 2008
Response via : Initial Calibration



Data Path : J:\MS08\Data\2008_02\21\
 Data File : 02210806.D
 Acq On : 21 Feb 2008 14:38
 Operator : SC
 Sample : 0.5ng TO-15 ICAL STD
 Misc : S20-01280801/S20-02110809
 Vial : 1 Sample Multiplier: 1

Quant Time: Feb 22 09:08:01 2008
 Quant Method : J:\MS08\Methods\R8022108.M
 Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 QLast Update : Wed Jan 09 10:28:23 2008
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane (IS1)	8.99	130	321697	25.000	ng	-0.02
37) 1,4-Difluorobenzene (IS2)	10.94	114	1558452	25.000	ng	0.00
56) Chlorobenzene-d5 (IS3)	15.77	82	882915	25.000	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4(...)	9.77	65	781815	42.056	ng	-0.01
Spiked Amount	25.000		Recovery	=	168.24%	
57) Toluene-d8 (SS2)	13.64	98	1821429	23.067	ng	0.00
Spiked Amount	25.000		Recovery	=	92.28%	
73) Bromofluorobenzene (SS3)	17.55	174	636942	25.029	ng	0.00
Spiked Amount	25.000		Recovery	=	100.12%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Propene	4.61	42	18607	0.869	ng	97
3) Dichlorodifluoromethane	4.69	85	28540	0.778	ng	95
4) Chloromethane	4.89	50	29082	0.987	ng	96
5) Freon 114	4.99	135	9999	0.784	ng	96
6) Vinyl Chloride	5.11	62	23866	0.922	ng	94
7) 1,3-Butadiene	5.24	54	22515	1.201	ng	# 88
8) Bromomethane	5.52	94	9771	0.610	ng	96
9) Chloroethane	5.67	64	11285	0.787	ng	87
10) Ethanol	5.77	45	8552	0.808	ng	77
11) Acetonitrile	5.99	41	31233	0.894	ng	97
12) Acrolein	6.10	56	8308	0.781	ng	99
13) Acetone	6.21	58	17373	1.095	ng	94
14) Trichlorofluoromethane	6.36	101	19738	0.844	ng	97
15) Isopropanol	6.38	45	44178	1.055	ng	96
16) Acrylonitrile	6.61	53	22042	0.958	ng	95
17) 1,1-Dichloroethene	6.92	96	11438	0.688	ng	# 48
18) tert-Butanol	6.93	59	44603	1.006	ng	90
19) Methylene Chloride	7.00	84	12352	0.601	ng	# 34
20) Allyl Chloride	7.12	41	21806	0.918	ng	83
21) Trichlorotrifluoroethane	7.22	151	10455	0.731	ng	95
22) Carbon Disulfide	7.35	76	66507	0.826	ng	95
23) trans-1,2-Dichloroethene	7.84	61	22390	0.887	ng	81
24) 1,1-Dichloroethane	8.04	63	24284	0.891	ng	93
25) Methyl tert-Butyl Ether	8.06	73	44736	0.853	ng	91
26) Vinyl Acetate	8.11	86	1178	0.395	ng	# 1
27) 2-Butanone	8.37	72	7873	0.603	ng	# 1
28) cis-1,2-Dichloroethene	8.82	61	20932	0.917	ng	77
29) Diisopropyl Ether	8.97	87	9351	0.624	ng	# 1
30) Ethyl Acetate	8.96	61	5728	0.897	ng	# 74
31) n-Hexane	9.02	57	32948	1.030	ng	84
32) Chloroform	9.10	83	21805	0.959	ng	97
34) Tetrahydrofuran	9.54	72	8016	0.672	ng	# 44
35) Ethyl tert-Butyl Ether	9.51	87	15357	0.733	ng	# 55
36) 1,2-Dichloroethane	9.88	62	22124	1.027	ng	91
38) 1,1,1-Trichloroethane	10.16	97	23543	0.807	ng	98
39) Isopropyl Acetate	10.39	61	9544	0.777	ng	# 72
40) 1-Butanol	10.42	56	14623	0.955	ng	# 1
41) Benzene	10.65	78	51062	0.637	ng	100
42) Carbon Tetrachloride	10.79	117	19506	0.771	ng	99
43) Cyclohexane	10.94	84	21561	0.664	ng	# 1
44) tert-Amyl Methyl Ether	11.19	73	38598	0.701	ng	89
45) 1,2-Dichloropropane	11.50	63	14977	0.705	ng	94
46) Bromodichloromethane	11.67	83	18723	0.783	ng	99

2/22/08

Data Path : J:\MS08\Data\2008_02\21\
 Data File : 02210806.D
 Acq On : 21 Feb 2008 14:38
 Operator : SC
 Sample : 0.5ng TO-15 ICAL STD
 Misc : S20-01280801/S20-02110809
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Feb 22 09:08:01 2008

Quant Method : J:\MS08\Methods\R8022108.M

Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)

QLast Update : Wed Jan 09 10:28:23 2008

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) Trichloroethene	11.73	130	12720	0.641	ng	98
48) 1,4-Dioxane	11.68	88	9051	0.620	ng #	51
49) Isooctane	11.77	57	75539	0.905	ng	100
50) Methyl Methacrylate	11.84	100	4919	0.680	ng #	86
51) n-Heptane	12.00	71	13366	0.648	ng #	65
52) cis-1,3-Dichloropropene	12.63	75	21356	0.668	ng	95
53) 4-Methyl-2-pentanone	12.64	58	16564	0.862	ng	90
54) trans-1,3-Dichloropropene	13.19	75	22395	0.797	ng	98
55) 1,1,2-Trichloroethane	13.42	97	11565	0.608	ng	97
58) Toluene	13.75	91	54275	0.582	ng	100
59) 2-Hexanone	13.96	43	39632	0.724	ng	99
60) Dibromochloromethane	14.22	129	13516	0.567	ng	97
61) 1,2-Dibromoethane	14.52	107	13059	0.514	ng	95
62) Butyl Acetate	14.65	43	41764	0.732	ng	95
63) n-Octane	14.80	57	15690	0.786	ng	73
64) Tetrachloroethene	15.04	166	13989	0.600	ng	98
65) Chlorobenzene	15.82	112	34127	0.565	ng	96
66) Ethylbenzene	16.24	91	64321	0.620	ng	94
67) m- & p-Xylene	16.46	91	100878	1.528	ng	97
68) Bromoform	16.56	173	11103	0.712	ng	93
69) Styrene	16.87	104	37640	0.608	ng	96
70) o-Xylene	17.02	91	51215	0.709	ng	99
71) n-Nonane	17.22	43	36052	0.759	ng	96
72) 1,1,2,2-Tetrachloroethane	16.98	83	20627	0.582	ng	98
74) Cumene	17.71	105	57122	0.591	ng	100
75) alpha-Pinene	18.18	93	30453	0.602	ng	97
76) n-Propylbenzene	18.31	91	71258	0.572	ng	98
77) 3-Ethyltoluene	18.42	105	59418	0.580	ng	99
78) 4-Ethyltoluene	18.48	105	60446	0.630	ng	99
79) 1,3,5-Trimethylbenzene	18.56	105	51753	0.624	ng	99
80) alpha-Methylstyrene	18.74	118	24930	0.541	ng	94
81) 2-Ethyltoluene	18.79	105	56303	0.546	ng	100
82) 1,2,4-Trimethylbenzene	19.05	105	53141	0.638	ng	97
83) n-Decane	19.14	57	38700	0.798	ng	82
84) Benzyl Chloride	19.22	91	43223	0.591	ng	93
85) 1,3-Dichlorobenzene	19.24	146	27594	0.544	ng	97
86) 1,4-Dichlorobenzene	19.32	146	28036	0.574	ng	97
87) sec-Butylbenzene	19.37	105	64140	0.568	ng	99
88) p-Isopropyltoluene	19.55	119	60511	0.671	ng	94
89) 1,2,3-Trimethylbenzene	19.56	105	51730	0.641	ng	96
90) 1,2-Dichlorobenzene	19.73	146	25343	0.540	ng	98
91) d-Limonene	19.72	68	19847	0.593	ng	95
92) 1,2-Dibromo-3-Chloropr...	20.25	157	7689	0.500	ng	81
93) n-Undecane	20.63	57	40491	0.788	ng	78
94) 1,2,4-Trichlorobenzene	21.76	180	20951	0.644	ng	98
95) Naphthalene	21.90	128	59871	0.528	ng	98
96) n-Dodecane	21.85	57	40052	0.800	ng	81
97) Hexachloro-1,3-butadiene	22.32	225	11624	0.693	ng	98

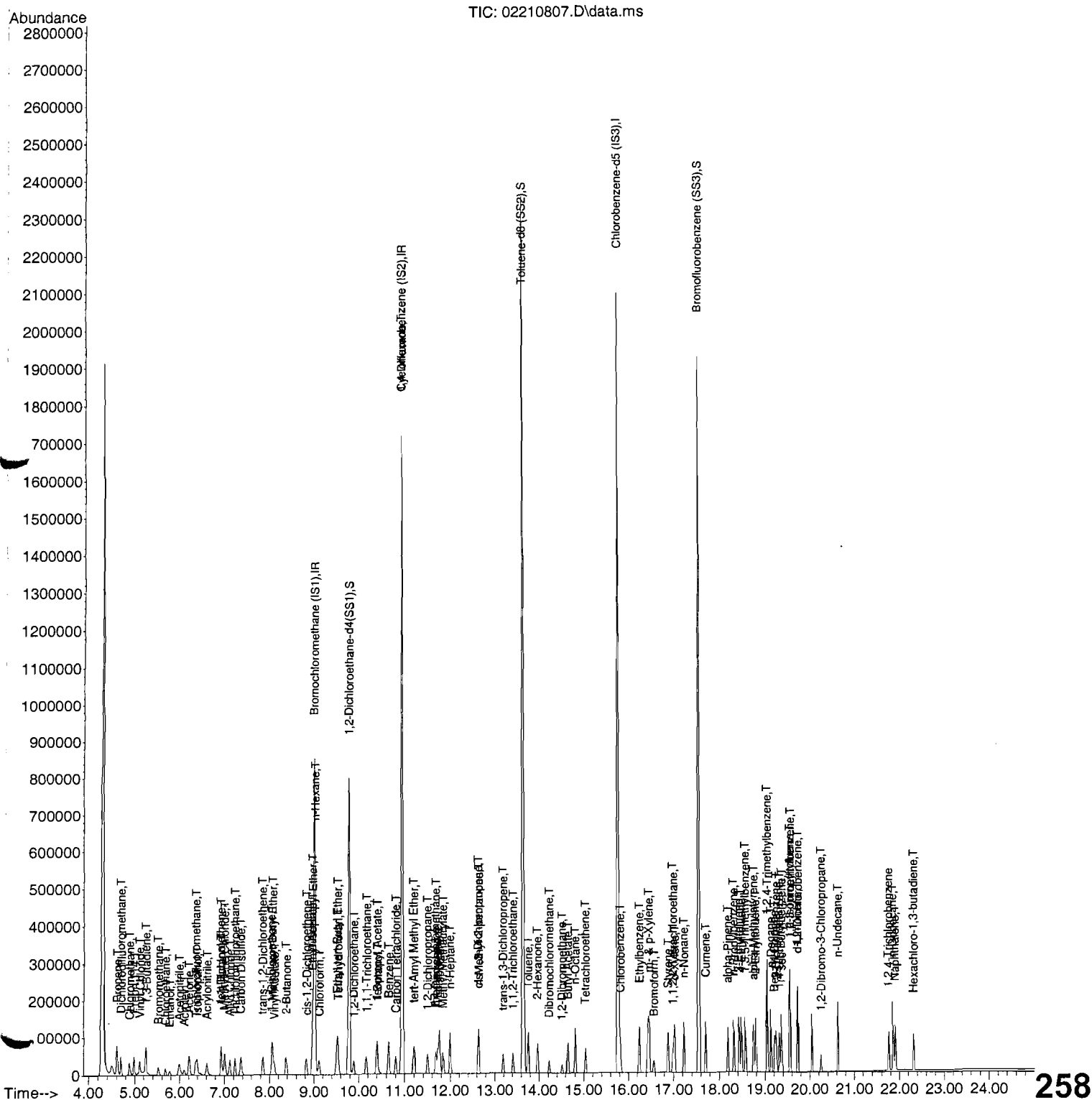
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data Path   : J:\MS08\Data\2008_02\21\
Data File   : 02210807.D
Acq On      : 21 Feb 2008  15:15
Operator    : SC
Sample      : 1.0ng TO-15 ICAL STD
Misc        : S20-01280801/S20-02110809
    US Vial  : 1      Sample Multiplier: 1

```

Quant Time: Feb 22 09:12:03 2008
Quant Method : J:\MS08\Methods\R8022108.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Wed Jan 09 10:28:23 2008
Response via : Initial Calibration



Data Path : J:\MS08\Data\2008_02\21\
 Data File : 02210807.D
 Acq On : 21 Feb 2008 15:15
 Operator : SC
 Sample : 1.0ng TO-15 ICAL STD
 Misc : S20-01280801/S20-02110809
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Feb 22 09:12:03 2008
 Quant Method : J:\MS08\Methods\R8022108.M
 Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 QLast Update : Wed Jan 09 10:28:23 2008
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane (IS1)	9.00	130	321098	25.000	ng	-0.01
37) 1,4-Difluorobenzene (IS2)	10.94	114	1526113	25.000	ng	0.00
56) Chlorobenzene-d5 (IS3)	15.77	82	872663	25.000	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4(...)	9.77	65	778514	41.956	ng	0.00
Spiked Amount 25.000			Recovery =	167.84%		
57) Toluene-d8 (SS2)	13.64	98	1805089	23.129	ng	0.00
Spiked Amount 25.000			Recovery =	92.52%		
73) Bromofluorobenzene (SS3)	17.55	174	631427	25.104	ng	0.00
Spiked Amount 25.000			Recovery =	100.40%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Propene	4.61	42	33573	1.571	ng	97
3) Dichlorodifluoromethane	4.69	85	49027	1.339	ng	98
4) Chloromethane	4.88	50	52840	1.797	ng	98
5) Freon 114	4.98	135	18708	1.470	ng	95
6) Vinyl Chloride	5.11	62	41638	1.611	ng	94
7) 1,3-Butadiene	5.24	54	38519	2.059	ng	91
8) Bromomethane	5.52	94	18225	1.140	ng	94
9) Chloroethane	5.67	64	20201	1.411	ng	88
10) Ethanol	5.77	45	18333	1.735	ng	88
11) Acetonitrile	5.99	41	55284	1.585	ng	99
12) Acrolein	6.10	56	15510	1.461	ng	99
13) Acetone	6.20	58	28206	1.781	ng	93
14) Trichlorofluoromethane	6.36	101	36271	1.553	ng	98
15) Isopropanol	6.39	45	83631	2.001	ng	98
16) Acrylonitrile	6.60	53	39481	1.719	ng	99
17) 1,1-Dichloroethene	6.92	96	20391	1.229	ng	# 48
18) tert-Butanol	6.92	59	80039m	1.808	ng	
19) Methylene Chloride	7.00	84	23173	1.129	ng	# 43
20) Allyl Chloride	7.12	41	41451	1.749	ng	82
21) Trichlorotrifluoroethane	7.23	151	19097	1.338	ng	92
22) Carbon Disulfide	7.36	76	102248	1.272	ng	96
23) trans-1,2-Dichloroethene	7.84	61	42323	1.680	ng	79
24) 1,1-Dichloroethane	8.04	63	44043	1.619	ng	95
25) Methyl tert-Butyl Ether	8.07	73	79434	1.518	ng	89
26) Vinyl Acetate	8.11	86	2703	0.907	ng	# 1
27) 2-Butanone	8.38	72	14844	1.138	ng	# 11
28) cis-1,2-Dichloroethene	8.82	61	39933	1.752	ng	77
29) Diisopropyl Ether	8.96	87	17457	1.167	ng	# 1
30) Ethyl Acetate	8.96	61	10982	1.722	ng	81
31) n-Hexane	9.02	57	56696	1.775	ng	91
32) Chloroform	9.11	83	40003	1.763	ng	97
34) Tetrahydrofuran	9.53	72	14692	1.234	ng	# 45
35) Ethyl tert-Butyl Ether	9.51	87	28070	1.341	ng	# 62
36) 1,2-Dichloroethane	9.88	62	40754	1.895	ng	95
38) 1,1,1-Trichloroethane	10.16	97	41981	1.470	ng	98
39) Isopropyl Acetate	10.39	61	17148	1.425	ng	# 65
40) 1-Butanol	10.41	56	27483	1.833	ng	99
41) Benzene	10.65	78	89617	1.142	ng	98
42) Carbon Tetrachloride	10.80	117	37017	1.495	ng	97
43) Cyclohexane	10.94	84	38394	1.208	ng	# 1
44) tert-Amyl Methyl Ether	11.20	73	67580	1.254	ng	87
45) 1,2-Dichloropropane	11.50	63	27276	1.312	ng	96
46) Bromodichloromethane	11.68	83	33959	1.450	ng	96

2/22/08

Data Path : J:\MS08\Data\2008_02\21\
 Data File : 02210807.D
 Acq On : 21 Feb 2008 15:15
 Operator : SC
 Sample : 1.0ng TO-15 ICAL STD
 Misc : S20-01280801/S20-02110809
 Vial : 1 Sample Multiplier: 1

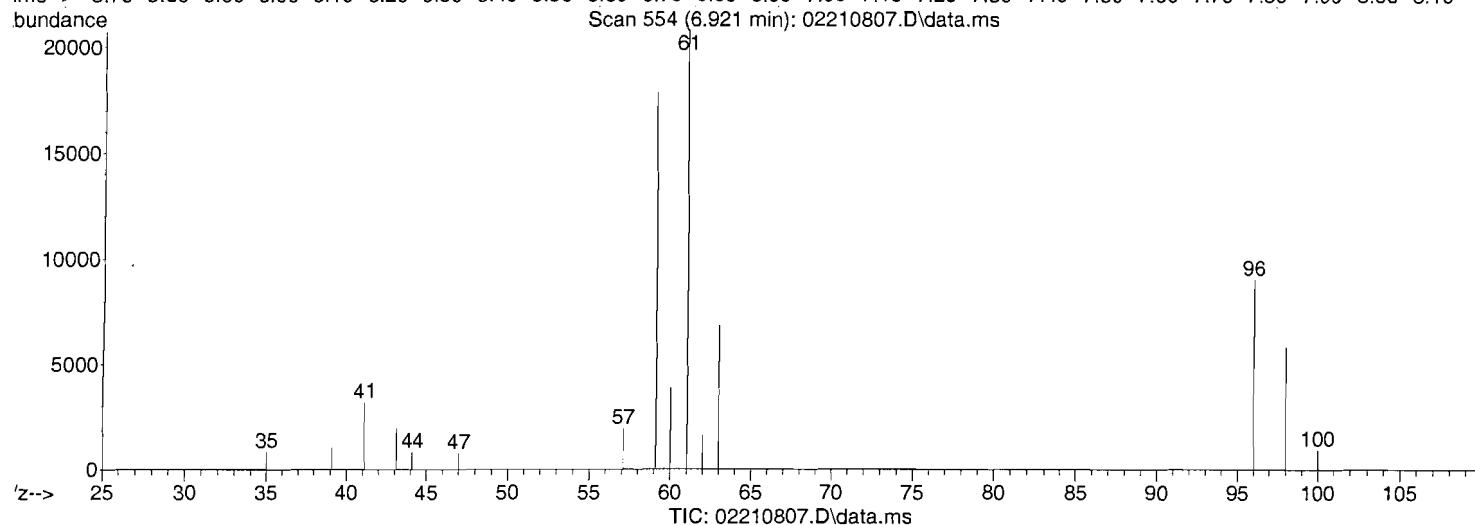
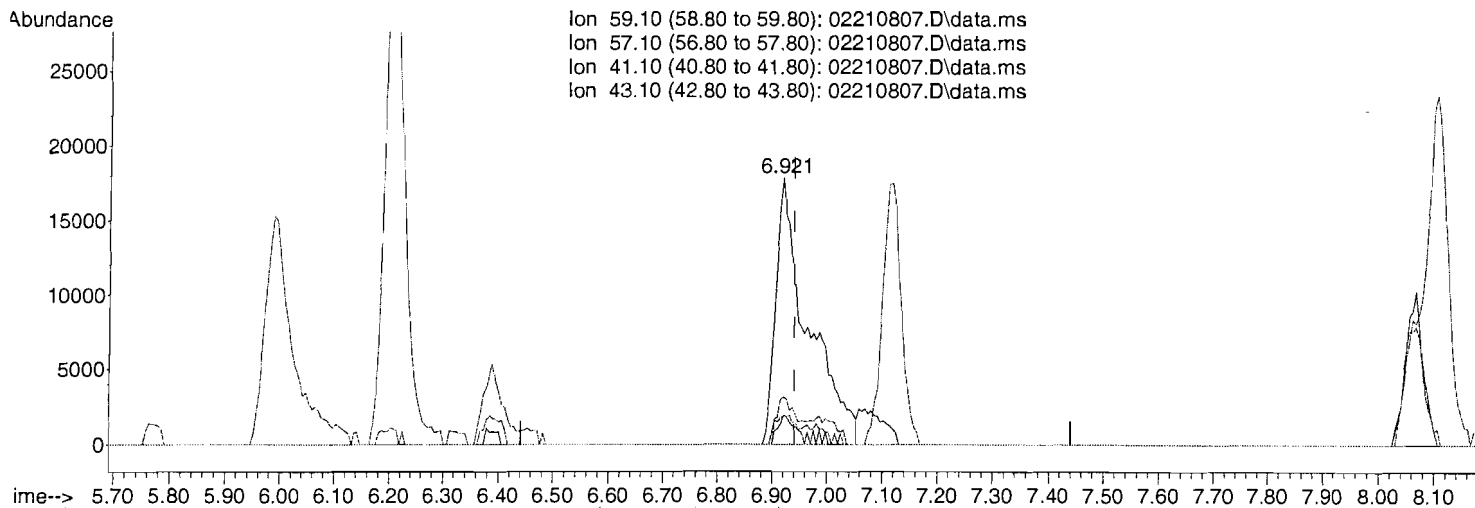
Quant Time: Feb 22 09:12:03 2008
 Quant Method : J:\MS08\Methods\R8022108.M
 Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 QLast Update : Wed Jan 09 10:28:23 2008
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) Trichloroethene	11.73	130	22885	1.178	ng	100
48) 1,4-Dioxane	11.68	88	17172	1.201	ng	# 58
49) Isooctane	11.77	57	134564	1.646	ng	99
50) Methyl Methacrylate	11.84	100	8979	1.267	ng	# 84
51) n-Heptane	12.00	71	23981	1.187	ng	# 66
52) cis-1,3-Dichloropropene	12.63	75	38855	1.240	ng	99
53) 4-Methyl-2-pentanone	12.64	58	31071	1.652	ng	86
54) trans-1,3-Dichloropropene	13.19	75	39825	1.447	ng	99
55) 1,1,2-Trichloroethane	13.41	97	21542	1.157	ng	98
58) Toluene	13.75	91	94725	1.028	ng	97
59) 2-Hexanone	13.96	43	72276	1.336	ng	99
60) Dibromochloromethane	14.23	129	25007	1.061	ng	96
61) 1,2-Dibromoethane	14.52	107	24647	0.981	ng	96
62) Butyl Acetate	14.65	43	76468	1.357	ng	94
63) n-Octane	14.81	57	27644	1.400	ng	91
64) Tetrachloroethene	15.04	166	24403	1.059	ng	98
65) Chlorobenzene	15.82	112	62196	1.041	ng	99
66) Ethylbenzene	16.24	91	112994	1.101	ng	97
67) m- & p-Xylene	16.45	91	181601	2.782	ng	98
68) Bromoform	16.57	173	20500	1.330	ng	99
69) Styrene	16.87	104	67102	1.097	ng	97
70) o-Xylene	17.02	91	92416	1.295	ng	98
71) n-Nonane	17.22	43	66484	1.416	ng	92
72) 1,1,2,2-Tetrachloroethane	16.98	83	36599	1.044	ng	99
74) Cumene	17.71	105	103716	1.086	ng	100
75) alpha-Pinene	18.18	93	55768	1.115	ng	99
76) n-Propylbenzene	18.31	91	128208	1.041	ng	98
77) 3-Ethyltoluene	18.42	105	105359	1.041	ng	99
78) 4-Ethyltoluene	18.48	105	108197	1.142	ng	99
79) 1,3,5-Trimethylbenzene	18.56	105	93773	1.144	ng	99
80) alpha-Methylstyrene	18.74	118	45262	0.994	ng	96
81) 2-Ethyltoluene	18.79	105	102532	1.006	ng	98
82) 1,2,4-Trimethylbenzene	19.05	105	95540	1.160	ng	98
83) n-Decane	19.14	57	69815	1.456	ng	83
84) Benzyl Chloride	19.22	91	80326	1.110	ng	95
85) 1,3-Dichlorobenzene	19.25	146	48202	0.961	ng	100
86) 1,4-Dichlorobenzene	19.33	146	49537	1.025	ng	100
87) sec-Butylbenzene	19.37	105	116224	1.041	ng	98
88) p-Isopropyltoluene	19.55	119	109394	1.228	ng	96
89) 1,2,3-Trimethylbenzene	19.56	105	92345	1.158	ng	94
90) 1,2-Dichlorobenzene	19.73	146	47545	1.025	ng	95
91) d-Limonene	19.72	68	35652	1.078	ng	94
92) 1,2-Dibromo-3-Chloropr...	20.25	157	15051	0.989	ng	83
93) n-Undecane	20.63	57	74098	1.459	ng	76
94) 1,2,4-Trichlorobenzene	21.76	180	37993	1.182	ng	98
95) Naphthalene	21.90	128	108345	0.967	ng	98
96) n-Dodecane	21.85	57	72787	1.471	ng	81
97) Hexachloro-1,3-butadiene	22.32	225	22336	1.347	ng	99

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

Data Path : J:\MS08\Data\2008_02\21\
Data File : 02210807.D
Acq On : 21 Feb 2008 15:15
Operator : SC
Sample : 1.0ng TO-15 ICAL STD
Misc : S20-01280801/S20-02110809
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Feb 22 09:11:00 2008
Quant Method : J:\MS08\Methods\R8022108.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Wed Jan 09 10:28:23 2008
Response via : Initial Calibration



(18) tert-Butanol (T)

6.921min (-0.020) 1.64ng

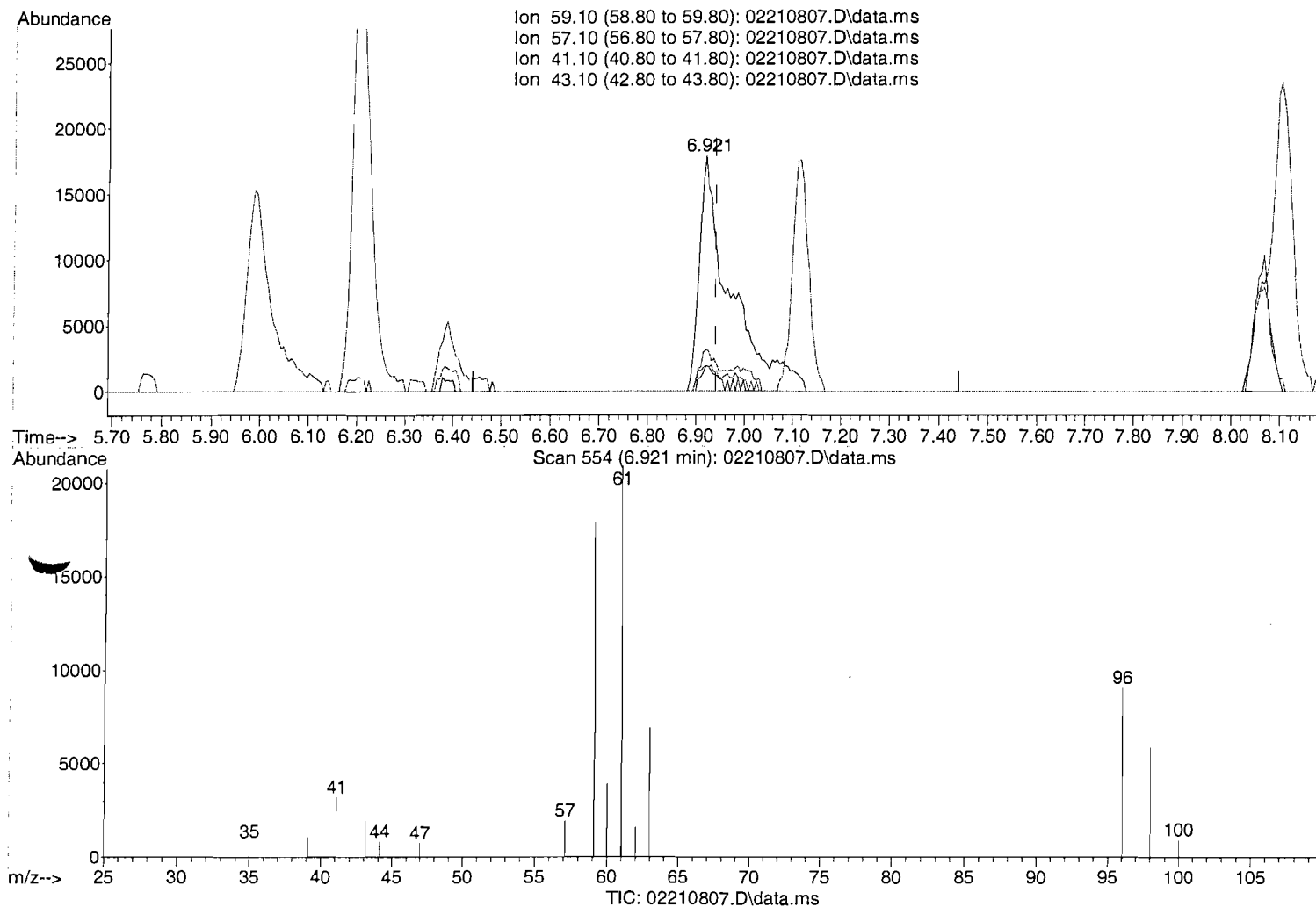
response 72532

Ion	Exp%	Act%
59.10	100	100
57.10	9.30	5.83
41.10	18.30	19.82
43.10	12.90	11.55

tail

Data Path : J:\MS08\Data\2008_02\21\
Data File : 02210807.D
Acq On : 21 Feb 2008 15:15
Operator : SC
Sample : 1.0ng TO-15 ICAL STD
Misc : S20-01280801/S20-02110809
S Vial : 1 Sample Multiplier: 1

Quant Time: Feb 22 09:11:00 2008
Quant Method : J:\MS08\Methods\R8022108.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Wed Jan 09 10:28:23 2008
Response via : Initial Calibration



(18) tert-Butanol (T)

6.921min (-0.020) 1.81ng m

response 80039

Ion	Exp%	Act%
59.10	100	100
57.10	9.30	5.28
41.10	18.30	17.96
43.10	12.90	10.47

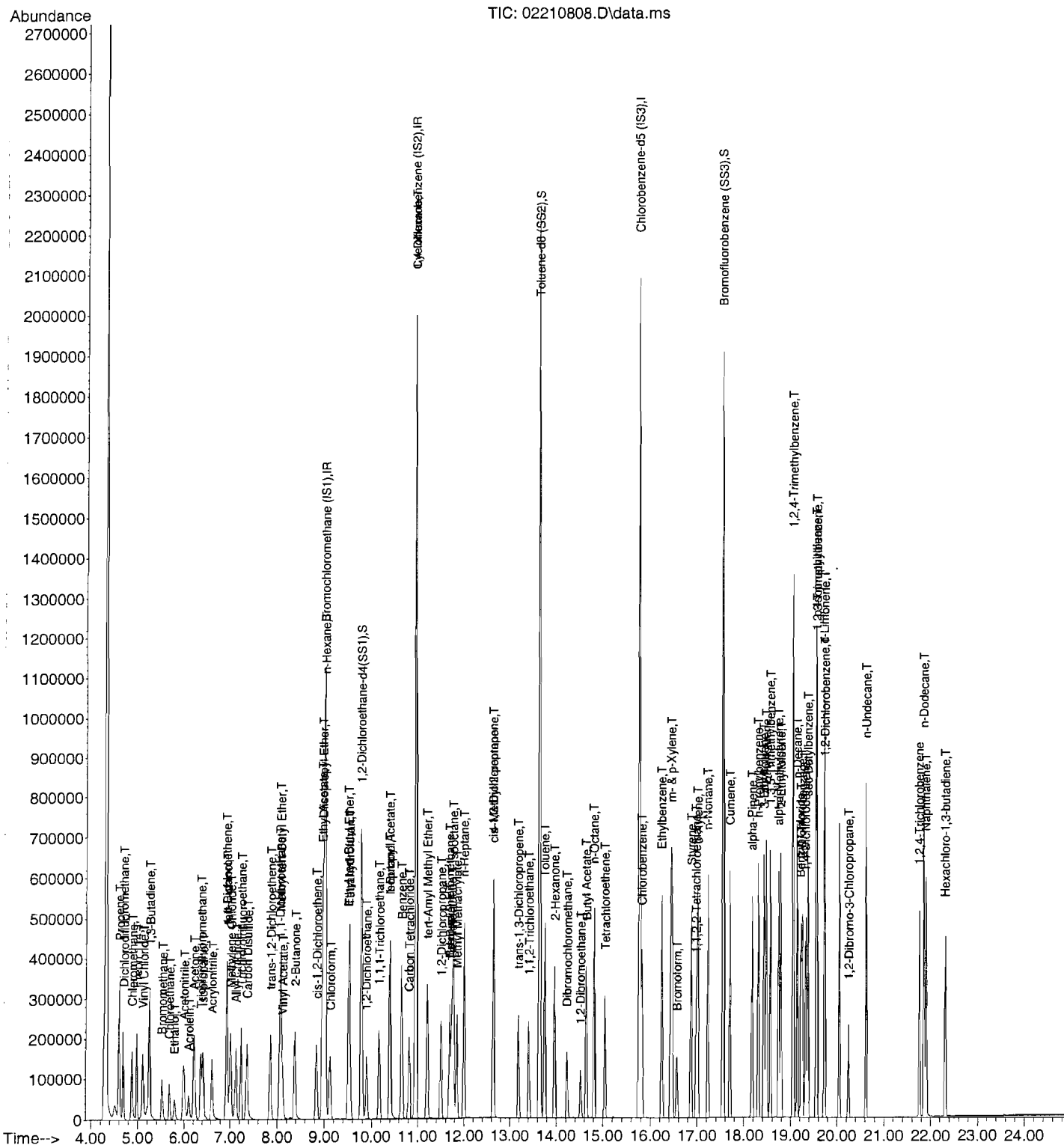
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2/24/08

2/25/08

Data Path : J:\MS08\Data\2008_02\21\
Data File : 02210808.D
Acq On : 21 Feb 2008 15:52
Operator : SC
Sample : 5.0ng TO-15 ICAL STD
Misc : S20-01280801/S20-02110809
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Feb 22 09:14:13 2008
Quant Method : J:\MS08\Methods\R8022108.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Wed Jan 09 10:28:23 2008
Response via : Initial Calibration



Data Path : J:\MS08\Data\2008_02\21\
 Data File : 02210808.D
 Acq On : 21 Feb 2008 15:52
 Operator : SC
 Sample : 5.0ng TO-15 ICAL STD
 Misc : S20-01280801/S20-02110809
 Vial : 1 Sample Multiplier: 1

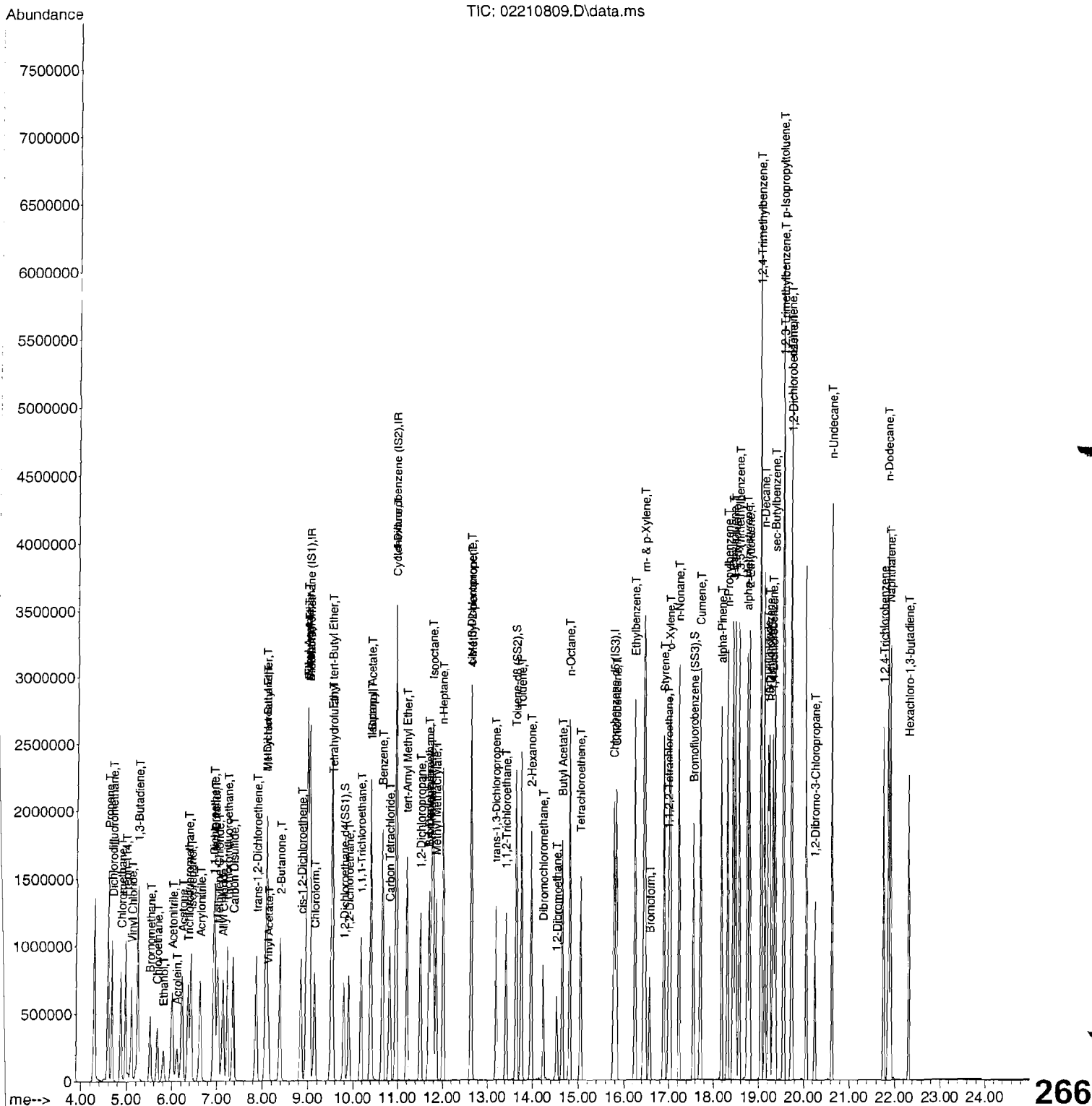
Quant Time: Feb 22 09:14:13 2008
 Quant Method : J:\MS08\Methods\R8022108.M
 Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 QLast Update : Wed Jan 09 10:28:23 2008
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) Trichloroethene	11.73	130	99324	5.224	ng	98
48) 1,4-Dioxane	11.68	88	80088	5.724	ng	# 69
49) Isooctane	11.77	57	587490	7.343	ng	98
50) Methyl Methacrylate	11.85	100	41801	6.024	ng	# 77
51) n-Heptane	12.00	71	107972	5.460	ng	# 67
52) cis-1,3-Dichloropropene	12.63	75	169499	5.528	ng	99
53) 4-Methyl-2-pentanone	12.64	58	135980	7.384	ng	90
54) trans-1,3-Dichloropropene	13.19	75	182358	6.768	ng	100
55) 1,1,2-Trichloroethane	13.42	97	93445	5.125	ng	98
58) Toluene	13.75	91	418436	4.630	ng	98
59) 2-Hexanone	13.97	43	331123	6.240	ng	100
60) Dibromochloromethane	14.23	129	111861	4.839	ng	99
61) 1,2-Dibromoethane	14.52	107	108209	4.388	ng	99
62) Butyl Acetate	14.65	43	348862	6.308	ng	94
63) n-Octane	14.81	57	122465	6.323	ng	94
64) Tetrachloroethene	15.04	166	112300	4.967	ng	99
65) Chlorobenzene	15.83	112	271928	4.640	ng	99
66) Ethylbenzene	16.24	91	491870	4.886	ng	98
67) m- & p-Xylene	16.45	91	797722	12.457	ng	97
68) Bromoform	16.57	173	92432	6.113	ng	99
69) Styrene	16.88	104	303426	5.054	ng	96
70) o-Xylene	17.02	91	400535	5.720	ng	98
71) n-Nonane	17.22	43	290610	6.308	ng	95
72) 1,1,2,2-Tetrachloroethane	16.98	83	163571	4.757	ng	98
74) Cumene	17.71	105	455088	4.858	ng	99
75) alpha-Pinene	18.18	93	248521	5.063	ng	98
76) n-Propylbenzene	18.31	91	564322	4.669	ng	98
77) 3-Ethyltoluene	18.43	105	459671	4.627	ng	100
78) 4-Ethyltoluene	18.48	105	475569	5.115	ng	100
79) 1,3,5-Trimethylbenzene	18.56	105	413160	5.138	ng	100
80) alpha-Methylstyrene	18.74	118	203356	4.553	ng	97
81) 2-Ethyltoluene	18.79	105	445972	4.461	ng	100
82) 1,2,4-Trimethylbenzene	19.05	105	421639	5.218	ng	98
83) n-Decane	19.14	57	304105	6.465	ng	83
84) Benzyl Chloride	19.22	91	378193	5.329	ng	96
85) 1,3-Dichlorobenzene	19.25	146	219673	4.466	ng	99
86) 1,4-Dichlorobenzene	19.33	146	221277	4.669	ng	98
87) sec-Butylbenzene	19.37	105	511194	4.665	ng	99
88) p-Isopropyltoluene	19.55	119	477431	5.463	ng	96
89) 1,2,3-Trimethylbenzene	19.56	105	409237	5.232	ng	95
90) 1,2-Dichlorobenzene	19.74	146	204289	4.487	ng	99
91) d-Limonene	19.73	68	161634	4.982	ng	96
92) 1,2-Dibromo-3-Chloropr...	20.25	157	69983	4.688	ng	86
93) n-Undecane	20.63	57	330198	6.628	ng	77
94) 1,2,4-Trichlorobenzene	21.76	180	168283	5.337	ng	99
95) Naphthalene	21.90	128	494493	4.500	ng	99
96) n-Dodecane	21.85	57	328354	6.763	ng	82
97) Hexachloro-1,3-butadiene	22.32	225	98448	6.050	ng	100

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

Data Path : J:\MS08\Data\2008_02\21\
Data File : 02210809.D
Acq On : 21 Feb 2008 16:29
Operator : SC
Sample : 25ng TO-15 ICAL STD
Misc : S20-01280801/S20-01290804
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Feb 22 09:16:34 2008
Quant Method : J:\MS08\Methods\R8022108.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Wed Jan 09 10:28:23 2008
Response via : Initial Calibration



Data Path : J:\MS08\Data\2008_02\21\
 Data File : 02210809.D
 Acq On : 21 Feb 2008 16:29
 Operator : SC
 Sample : 25ng TO-15 ICAL STD
 Misc : S20-01280801/S20-01290804
 Vial : 1 Sample Multiplier: 1

Quant Time: Feb 22 09:16:34 2008

Quant Method : J:\MS08\Methods\R8022108.M

Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)

QLast Update : Wed Jan 09 10:28:23 2008

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane (IS1)	9.03	130	309524	25.000	ng	0.01
37) 1,4-Difluorobenzene (IS2)	10.95	114	1483912	25.000	ng	0.00
56) Chlorobenzene-d5 (IS3)	15.78	82	858841	25.000	ng	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4(...)	9.80	65	715678	40.012	ng	0.01
Spiked Amount	25.000		Recovery	=	160.04%	
57) Toluene-d8 (SS2)	13.65	98	1770957	23.057	ng	0.00
Spiked Amount	25.000		Recovery	=	92.24%	
73) Bromofluorobenzene (SS3)	17.56	174	628047	25.371	ng	0.00
Spiked Amount	25.000		Recovery	=	101.48%	

Target Compounds

						Qvalue
2) Propene	4.59	42	721285	35.015	ng	98
3) Dichlorodifluoromethane	4.68	85	1054856	29.897	ng	98
4) Chloromethane	4.87	50	1159849	40.923	ng	99
5) Freon 114	4.98	135	384665	31.358	ng	100
6) Vinyl Chloride	5.11	62	923959	37.086	ng	96
7) 1,3-Butadiene	5.24	54	890647	49.397	ng	89
8) Bromomethane	5.52	94	429437	27.854	ng	96
9) Chloroethane	5.68	64	439997	31.875	ng	95
10) Ethanol	5.81	45	421055	41.344	ng	100
11) Acetonitrile	6.00	41	1214943	36.136	ng	98
12) Acrolein	6.11	56	362451	35.417	ng	99
13) Acetone	6.22	58	542383	35.538	ng	99
14) Trichlorofluoromethane	6.36	101	793893	35.270	ng	99
15) Isopropanol	6.43	45	1714816	42.563	ng	99
16) Acrylonitrile	6.63	53	946435	42.759	ng	98
17) 1,1-Dichloroethene	6.93	96	451620	28.244	ng	# 50
18) tert-Butanol	6.95	59	1645129	38.558	ng	98
19) Methylene Chloride	7.03	84	502326	25.382	ng	# 44
20) Allyl Chloride	7.13	41	974445	42.641	ng	84
21) Trichlorotrifluoroethane	7.23	151	413911	30.082	ng	94
22) Carbon Disulfide	7.37	76	1824440	23.549	ng	99
23) trans-1,2-Dichloroethene	7.87	61	960900	39.559	ng	79
24) 1,1-Dichloroethane	8.07	63	962191	36.685	ng	96
25) Methyl tert-Butyl Ether	8.07	73	1744751	34.593	ng	90
26) Vinyl Acetate	8.12	86	66741	23.244	ng	# 1
27) 2-Butanone	8.39	72	348229	27.699	ng	# 30
28) cis-1,2-Dichloroethene	8.85	61	878543	39.988	ng	# 77
29) Diisopropyl Ether	8.98	87	399656	27.724	ng	# 9
30) Ethyl Acetate	8.97	61	254612	41.421	ng	85
31) n-Hexane	9.03	57	1261180	40.964	ng	92
32) Chloroform	9.14	83	824035	37.676	ng	99
34) Tetrahydrofuran	9.54	72	339858	29.624	ng	# 55
35) Ethyl tert-Butyl Ether	9.53	87	630637	31.265	ng	# 64
36) 1,2-Dichloroethane	9.91	62	877836	42.352	ng	98
38) 1,1,1-Trichloroethane	10.18	97	944415	34.006	ng	98
39) Isopropyl Acetate	10.40	61	394804	33.739	ng	# 76
40) 1-Butanol	10.41	56	643360	44.140	ng	93
41) Benzene	10.66	78	1938189	25.412	ng	98
42) Carbon Tetrachloride	10.82	117	815333	33.868	ng	99
43) Cyclohexane	10.96	84	811239	26.249	ng	# 70
44) tert-Amyl Methyl Ether	11.21	73	1533185	29.248	ng	87
45) 1,2-Dichloropropane	11.51	63	610755	30.215	ng	95
46) Bromodichloromethane	11.69	83	769957	33.819	ng	99

C. 2/22/08

Data Path : J:\MS08\Data\2008_02\21\
 Data File : 02210809.D
 Acq On : 21 Feb 2008 16:29
 Operator : SC
 Sample : 25ng TO-15 ICAL STD
 Misc : S20-01280801/S20-01290804
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Feb 22 09:16:34 2008
 Quant Method : J:\MS08\Methods\R8022108.M
 Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 QLast Update : Wed Jan 09 10:28:23 2008
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) Trichloroethene	11.74	130	500674	26.510	ng	98
48) 1,4-Dioxane	11.69	88	402825	28.981	ng #	71
49) Isooctane	11.78	57	2982637	37.529	ng	97
50) Methyl Methacrylate	11.85	100	215845	31.317	ng #	76
51) n-Heptane	12.01	71	534859	27.226	ng #	65
52) cis-1,3-Dichloropropene	12.64	75	857950	28.167	ng	100
53) 4-Methyl-2-pentanone	12.65	58	676973	37.007	ng	89
54) trans-1,3-Dichloropropene	13.19	75	923030	34.488	ng	99
55) 1,1,2-Trichloroethane	13.42	97	472218	26.075	ng	98
58) Toluene	13.76	91	2093108	23.088	ng	98
59) 2-Hexanone	13.97	43	1613926	30.321	ng	100
60) Dibromochloromethane	14.23	129	572843	24.704	ng	100
61) 1,2-Dibromoethane	14.53	107	548018	22.156	ng	100
62) Butyl Acetate	14.65	43	1633728	29.451	ng	94
63) n-Octane	14.81	57	629364	32.394	ng	94
64) Tetrachloroethene	15.05	166	565685	24.945	ng	100
65) Chlorobenzene	15.83	112	1369933	23.304	ng	98
66) Ethylbenzene	16.25	91	2492294	24.680	ng	98
67) m- & p-Xylene	16.46	91	4009017	62.411	ng	97
68) Bromoform	16.57	173	477695	31.496	ng	99
69) Styrene	16.88	104	1533963	25.472	ng	97
70) o-Xylene	17.02	91	2036289	28.989	ng	97
71) n-Nonane	17.23	43	1452999	31.440	ng	95
72) 1,1,2,2-Tetrachloroethane	16.99	83	835888	24.237	ng	99
74) Cumene	17.71	105	2321778	24.709	ng	99
75) alpha-Pinene	18.18	93	1272876	25.853	ng	98
76) n-Propylbenzene	18.31	91	2871396	23.683	ng	98
77) 3-Ethyltoluene	18.43	105	2352151	23.605	ng	99
78) 4-Ethyltoluene	18.48	105	2347308	25.170	ng	100
79) 1,3,5-Trimethylbenzene	18.56	105	2075395	25.730	ng	99
80) alpha-Methylstyrene	18.74	118	1046002	23.346	ng	95
81) 2-Ethyltoluene	18.80	105	2266215	22.601	ng	100
82) 1,2,4-Trimethylbenzene	19.06	105	2116070	26.105	ng	99
83) n-Decane	19.14	57	1543311	32.707	ng	83
84) Benzyl Chloride	19.22	91	1906171	26.775	ng	96
85) 1,3-Dichlorobenzene	19.25	146	1089725	22.084	ng	100
86) 1,4-Dichlorobenzene	19.33	146	1097922	23.093	ng	99
87) sec-Butylbenzene	19.37	105	2593504	23.594	ng	98
88) p-Isopropyltoluene	19.56	119	2394406	27.313	ng	94
89) 1,2,3-Trimethylbenzene	19.57	105	2094130	26.693	ng	96
90) 1,2-Dichlorobenzene	19.74	146	1012107	22.163	ng	99
91) d-Limonene	19.73	68	833365	25.609	ng	95
92) 1,2-Dibromo-3-Chloropr...	20.25	157	373891	24.970	ng	85
93) n-Undecane	20.63	57	1650976	33.037	ng	78
94) 1,2,4-Trichlorobenzene	21.76	180	872612	27.592	ng	99
95) Naphthalene	21.90	128	2595709	23.550	ng	100
96) n-Dodecane	21.85	57	1602861	32.912	ng	82
97) Hexachloro-1,3-butadiene	22.32	225	497773	30.498	ng	99

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

Quant Time: Feb 22 09:19:10 2008
Quant Method : J:\MS08\Methods\R8022108.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Wed Jan 09 10:28:23 2008
Response via : Initial Calibration



Data Path : J:\MS08\Data\2008_02\21\
 Data File : 02210810.D
 Acq On : 21 Feb 2008 17:06
 Operator : SC
 Sample : 50ng TO-15 ICAL STD
 Misc : S20-01280801/S20-01290804
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Feb 22 09:19:10 2008
 Quant Method : J:\MS08\Methods\R8022108.M
 Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 QLast Update : Wed Jan 09 10:28:23 2008
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane (IS1)	9.04	130	311465	25.000	ng	0.02
37) 1,4-Difluorobenzene (IS2)	10.96	114	1522312	25.000	ng	0.01
56) Chlorobenzene-d5 (IS3)	15.78	82	889299	25.000	ng	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4(...)	9.80	65	682777	37.935	ng	0.02
Spiked Amount	25.000					
					Recovery =	151.72%
57) Toluene-d8 (SS2)	13.65	98	1835767	23.082	ng	0.00
Spiked Amount	25.000					
					Recovery =	92.32%
73) Bromofluorobenzene (SS3)	17.56	174	640910	25.004	ng	0.00
Spiked Amount	25.000					
					Recovery =	100.00%

Target Compounds					Qvalue
2) Propene	4.59	42	1387798	66.951	ng 97
3) Dichlorodifluoromethane	4.69	85	2023386	56.991	ng 98
4) Chloromethane	4.88	50	2157533	75.650	ng 99
5) Freon 114	4.98	135	688342	55.764	ng 99
6) Vinyl Chloride	5.11	62	1799018	71.759	ng 97
7) 1,3-Butadiene	5.25	54	1715565	94.556	ng 89
8) Bromomethane	5.53	94	834678	53.802	ng 96
9) Chloroethane	5.69	64	873432	62.880	ng 95
10) Ethanol	5.82	45	848351	82.782	ng 99
11) Acetonitrile	6.02	41	2359639	69.746	ng 98
12) Acrolein	6.12	56	704182	68.380	ng 99
13) Acetone	6.24	58	1095088	71.305	ng 98
14) Trichlorofluoromethane	6.37	101	1504493	66.423	ng 99
15) Isopropanol	6.44	45	2827661	69.747	ng 100
16) Acrylonitrile	6.64	53	1847573	82.952	ng 98
17) 1,1-Dichloroethene	6.94	96	871767	54.181	ng # 50
18) tert-Butanol	6.97	59	3161488	73.636	ng # 98
19) Methylene Chloride	7.04	84	988154	49.619	ng # 46
20) Allyl Chloride	7.15	41	1881709	81.830	ng 85
21) Trichlorotrifluoroethane	7.24	151	818324	59.102	ng 93
22) Carbon Disulfide	7.37	76	3555911	45.612	ng 99
23) trans-1,2-Dichloroethene	7.88	61	1849843	75.681	ng 79
24) 1,1-Dichloroethane	8.08	63	1821412	69.012	ng 96
25) Methyl tert-Butyl Ether	8.08	73	3422197	67.429	ng 90
26) Vinyl Acetate	8.13	86	130935	45.317	ng # 1
27) 2-Butanone	8.40	72	687850	54.373	ng # 37
28) cis-1,2-Dichloroethene	8.86	61	1681578	76.062	ng # 76
29) Diisopropyl Ether	8.99	87	791005	54.530	ng # 18
30) Ethyl Acetate	8.98	61	495520	80.110	ng 87
31) n-Hexane	9.03	57	2477706	79.977	ng 92
32) Chloroform	9.15	83	1543942	70.151	ng 99
34) Tetrahydrofuran	9.55	72	616130	53.370	ng # 58
35) Ethyl tert-Butyl Ether	9.53	87	1245460	61.362	ng # 68
36) 1,2-Dichloroethane	9.91	62	1609831	77.184	ng 98
38) 1,1,1-Trichloroethane	10.19	97	1861371	65.332	ng 97
39) Isopropyl Acetate	10.41	61	778210	64.827	ng # 80
40) 1-Butanol	10.42	56	1262038	84.403	ng 91
41) Benzene	10.67	78	3828218	48.926	ng 98
42) Carbon Tetrachloride	10.83	117	1608247	65.119	ng 99
43) Cyclohexane	10.96	84	1599361	50.445	ng # 70
44) tert-Amyl Methyl Ether	11.21	73	3008372	55.942	ng 88
45) 1,2-Dichloropropane	11.51	63	1211244	58.410	ng 96
46) Bromodichloromethane	11.70	83	1503958	64.393	ng 100

2/22/08

Data Path : J:\MS08\Data\2008_02\21\
 Data File : 02210810.D
 Acq On : 21 Feb 2008 17:06
 Operator : SC
 Sample : 50ng TO-15 ICAL STD
 Misc : S20-01280801/S20-01290804
 Vial : 1 Sample Multiplier: 1

Quant Time: Feb 22 09:19:10 2008
 Quant Method : J:\MS08\Methods\R8022108.M
 Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 QLast Update : Wed Jan 09 10:28:23 2008
 Response via : Initial Calibration

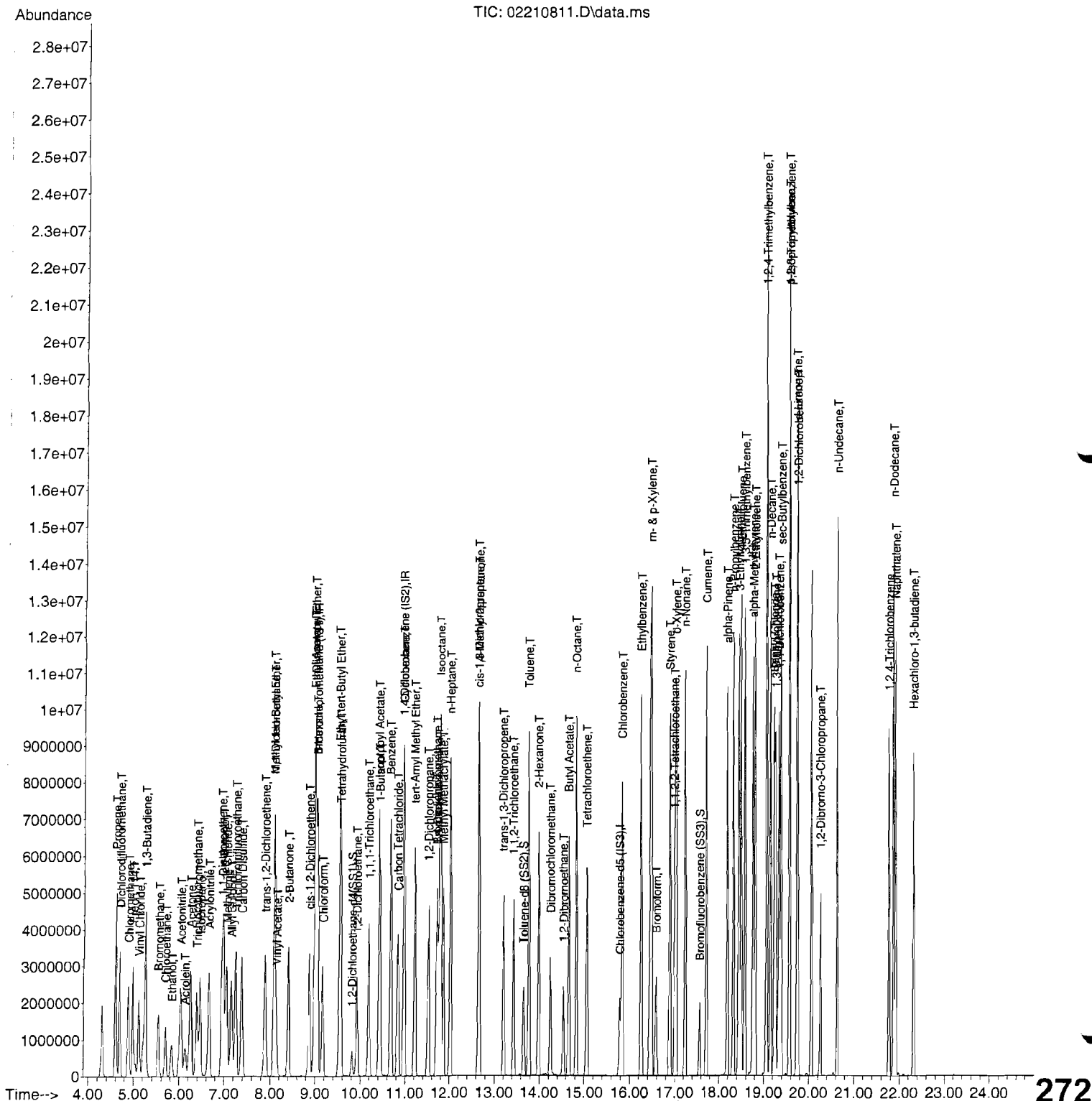
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) Trichloroethene	11.75	130	981012	50.633	ng	99
48) 1,4-Dioxane	11.70	88	785548	55.090	ng #	71
49) Isooctane	11.78	57	5806983	71.223	ng	97
50) Methyl Methacrylate	11.86	100	430888	60.940	ng #	76
51) n-Heptane	12.01	71	1063586	52.774	ng #	66
52) cis-1,3-Dichloropropene	12.64	75	1706802	54.621	ng	100
53) 4-Methyl-2-pentanone	12.65	58	1324034	70.554	ng	90
54) trans-1,3-Dichloropropene	13.20	75	1839526	66.998	ng	99
55) 1,1,2-Trichloroethane	13.43	97	929326	50.021	ng	100
58) Toluene	13.76	91	4130811	44.003	ng	98
59) 2-Hexanone	13.97	43	3124154	56.683	ng	99
60) Dibromochloromethane	14.24	129	1131336	47.119	ng	100
61) 1,2-Dibromoethane	14.53	107	1079855	42.163	ng	100
62) Butyl Acetate	14.65	43	3163102	55.067	ng	93
63) n-Octane	14.82	57	1232728	61.277	ng	95
64) Tetrachloroethene	15.05	166	1096933	46.715	ng	99
65) Chlorobenzene	15.83	112	2672325	43.902	ng	98
66) Ethylbenzene	16.25	91	4883075	46.698	ng	97
67) m- & p-Xylene	16.47	91	7882715	118.512	ng	96
68) Bromoform	16.58	173	944276	60.127	ng	99
69) Styrene	16.88	104	3017074	48.383	ng	96
70) o-Xylene	17.03	91	4002423	55.027	ng	97
71) n-Nonane	17.24	43	2785694	58.212	ng	97
72) 1,1,2,2-Tetrachloroethane	16.99	83	1663904	46.594	ng	99
74) Cumene	17.71	105	4520127	46.457	ng	99
75) alpha-Pinene	18.18	93	2490770	48.858	ng	97
76) n-Propylbenzene	18.31	91	5601194	44.615	ng	98
77) 3-Ethyltoluene	18.43	105	4662350	45.187	ng	99
78) 4-Ethyltoluene	18.48	105	4542208	47.037	ng	99
79) 1,3,5-Trimethylbenzene	18.57	105	4063927	48.657	ng	99
80) alpha-Methylstyrene	18.75	118	2034166	43.846	ng	95
81) 2-Ethyltoluene	18.80	105	4439693	42.761	ng	100
82) 1,2,4-Trimethylbenzene	19.06	105	4128783	49.190	ng	100
83) n-Decane	19.14	57	3003988	61.482	ng	84
84) Benzyl Chloride	19.23	91	3823188	51.864	ng	95
85) 1,3-Dichlorobenzene	19.26	146	2111022	41.316	ng	100
86) 1,4-Dichlorobenzene	19.33	146	2152165	43.716	ng	100
87) sec-Butylbenzene	19.38	105	5061109	44.465	ng	98
88) p-Isopropyltoluene	19.56	119	4656602	51.299	ng	93
89) 1,2,3-Trimethylbenzene	19.57	105	4082528	50.256	ng	96
90) 1,2-Dichlorobenzene	19.74	146	1964984	41.556	ng	99
91) d-Limonene	19.73	68	1655398	49.128	ng	96
92) 1,2-Dibromo-3-Chloropr...	20.26	157	732147	47.222	ng	85
93) n-Undecane	20.63	57	3174460	61.348	ng	79
94) 1,2,4-Trichlorobenzene	21.76	180	1682831	51.388	ng	99
95) Naphthalene	21.91	128	5018791	43.973	ng	100
96) n-Dodecane	21.86	57	3026203	60.009	ng	82
97) Hexachloro-1,3-butadiene	22.32	225	962903	56.975	ng	99

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

2/22/08

Data Path : J:\MS08\Data\2008_02\21\
Data File : 02210811.D
Acq On : 21 Feb 2008 17:43
Operator : SC
Sample : 100ng TO-15 ICAL STD
Misc : S20-01280801/S20-01290804
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Feb 22 09:20:54 2008
Quant Method : J:\MS08\Methods\R8022108.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Wed Jan 09 10:28:23 2008
Response via : Initial Calibration



Data Path : J:\MS08\Data\2008_02\21\
 Data File : 02210811.D
 Acq On : 21 Feb 2008 17:43
 Operator : SC
 Sample : 100ng TO-15 ICAL STD
 Misc : S20-01280801/S20-01290804
 ; Vial : 1 Sample Multiplier: 1

Quant Time: Feb 22 09:20:54 2008
 Quant Method : J:\MS08\Methods\R8022108.M
 Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 QLast Update : Wed Jan 09 10:28:23 2008
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane (IS1)	9.04	130	321940	25.000	ng	0.03
37) 1,4-Difluorobenzene (IS2)	10.96	114	1555456	25.000	ng	0.02
56) Chlorobenzene-d5 (IS3)	15.78	82	912173	25.000	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4(...)	9.81	65	677735	36.429	ng	0.03
Spiked Amount 25.000			Recovery =	145.72%		
57) Toluene-d8 (SS2)	13.65	98	1895024	23.230	ng	0.01
Spiked Amount 25.000			Recovery =	92.92%		
73) Bromofluorobenzene (SS3)	17.56	174	656086	24.954	ng	0.00
Spiked Amount 25.000			Recovery =	99.80%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Propene	4.60	42	2683855	125.263	ng	98
3) Dichlorodifluoromethane	4.69	85	3954346	107.754	ng	99
4) Chloromethane	4.89	50	4169151	141.428	ng	99
5) Freon 114	4.99	135	1304571	102.246	ng	100
6) Vinyl Chloride	5.12	62	3346944	129.158	ng	97
7) 1,3-Butadiene	5.26	54	3274809	174.624	ng	92
8) Bromomethane	5.54	94	1695161	105.711	ng	96
9) Chloroethane	5.70	64	1754917	122.228	ng	95
10) Ethanol	5.84	45	1774053	167.480	ng	99
11) Acetonitrile	6.03	41	4683553	133.932	ng	98
12) Acrolein	6.13	56	1392589	130.828	ng	98
13) Acetone	6.25	58	2214134	139.479	ng	96
14) Trichlorofluoromethane	6.38	101	2984728	127.488	ng	99
15) Isopropanol	6.45	45	5208667	124.297	ng	99
16) Acrylonitrile	6.65	53	3694453	160.476	ng	98
17) 1,1-Dichloroethene	6.95	96	1749660	105.204	ng	# 51
18) tert-Butanol	6.98	59	5424029	122.224	ng	98
19) Methylene Chloride	7.05	84	2000334	97.176	ng	# 49
20) Allyl Chloride	7.16	41	3727991	156.844	ng	86
21) Trichlorotrifluoroethane	7.26	151	1604855	112.137	ng	94
22) Carbon Disulfide	7.38	76	7124866	88.418	ng	100
23) trans-1,2-Dichloroethene	7.89	61	3701374	146.503	ng	80
24) 1,1-Dichloroethane	8.10	63	3629357	133.040	ng	96
25) Methyl tert-Butyl Ether	8.09	73	6791864	129.470	ng	90
26) Vinyl Acetate	8.14	86	222851	74.619	ng	# 1
27) 2-Butanone	8.41	72	1281944	98.038	ng	# 41
28) cis-1,2-Dichloroethene	8.87	61	3359160	146.999	ng	77
29) Diisopropyl Ether	8.99	87	1576749	105.160	ng	# 29
30) Ethyl Acetate	8.99	61	966116	151.109	ng	87
31) n-Hexane	9.04	57	4926639	153.850	ng	93
32) Chloroform	9.17	83	3083079	135.526	ng	99
34) Tetrahydrofuran	9.56	72	1116389	93.557	ng	# 63
35) Ethyl tert-Butyl Ether	9.54	87	2495667	118.957	ng	# 72
36) 1,2-Dichloroethane	9.92	62	2999105	139.114	ng	98
38) 1,1,1-Trichloroethane	10.20	97	3723313	127.900	ng	98
39) Isopropyl Acetate	10.42	61	1552320	126.557	ng	# 86
40) 1-Butanol	10.44	56	2477807	162.180	ng	91
41) Benzene	10.67	78	7646824	95.646	ng	98
42) Carbon Tetrachloride	10.83	117	3215887	127.439	ng	99
43) Cyclohexane	10.97	84	3205417	98.947	ng	# 72
44) tert-Amyl Methyl Ether	11.22	73	6015281	109.474	ng	88
45) 1,2-Dichloropropane	11.52	63	2408539	113.673	ng	96
46) Bromodichloromethane	11.71	83	2954129	123.788	ng	100

2/22/08

Data Path : J:\MS08\Data\2008_02\21\
 Data File : 02210811.D
 Acq On : 21 Feb 2008 17:43
 Operator : SC
 Sample : 100ng TO-15 ICAL STD
 Misc : S20-01280801/S20-01290804
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Feb 22 09:20:54 2008
 Quant Method : J:\MS08\Methods\R8022108.M
 Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 QLast Update : Wed Jan 09 10:28:23 2008
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) Trichloroethene	11.75	130	1925469	97.261	ng	99
48) 1,4-Dioxane	11.71	88	1508737	103.552	ng	# 71
49) Isooctane	11.79	57	11340953	136.133	ng	97
50) Methyl Methacrylate	11.86	100	868690	120.239	ng	# 76
51) n-Heptane	12.02	71	2126113	103.248	ng	# 67
52) cis-1,3-Dichloropropene	12.65	75	3407813	106.733	ng	100
53) 4-Methyl-2-pentanone	12.66	58	2606591	135.938	ng	91
54) trans-1,3-Dichloropropene	13.20	75	3686031	131.390	ng	99
55) 1,1,2-Trichloroethane	13.43	97	1861828	98.077	ng	100
58) Toluene	13.77	91	8163104	84.777	ng	98
59) 2-Hexanone	13.98	43	6079610	107.539	ng	97
60) Dibromochloromethane	14.25	129	2251835	91.435	ng	100
61) 1,2-Dibromoethane	14.54	107	2165874	82.446	ng	100
62) Butyl Acetate	14.66	43	6176085	104.825	ng	92
63) n-Octane	14.82	57	2420441	117.299	ng	95
64) Tetrachloroethene	15.06	166	2151203	89.315	ng	99
65) Chlorobenzene	15.84	112	5249214	84.073	ng	99
66) Ethylbenzene	16.26	91	9609129	89.590	ng	97
67) m- & p-Xylene	16.47	91	15583398	228.413	ng	96
68) Bromoform	16.59	173	1908921	118.503	ng	99
69) Styrene	16.89	104	5952536	93.063	ng	96
70) o-Xylene	17.03	91	7972455	106.860	ng	96
71) n-Nonane	17.24	43	5349080	108.976	ng	96
72) 1,1,2,2-Tetrachloroethane	17.00	83	3337066	91.104	ng	98
74) Cumene	17.72	105	8902969	89.209	ng	99
75) alpha-Pinene	18.18	93	4940259	94.475	ng	97
76) n-Propylbenzene	18.32	91	10955993	85.080	ng	98
77) 3-Ethyltoluene	18.44	105	9182329	86.762	ng	99
78) 4-Ethyltoluene	18.49	105	8816379	89.010	ng	99
79) 1,3,5-Trimethylbenzene	18.57	105	7997463	93.352	ng	98
80) alpha-Methylstyrene	18.76	118	3998435	84.025	ng	94
81) 2-Ethyltoluene	18.81	105	8713912	81.823	ng	99
82) 1,2,4-Trimethylbenzene	19.07	105	8207030	95.326	ng	99
83) n-Decane	19.15	57	5851798	116.764	ng	85
84) Benzyl Chloride	19.23	91	7573612	100.164	ng	95
85) 1,3-Dichlorobenzene	19.27	146	4088431	78.010	ng	100
86) 1,4-Dichlorobenzene	19.34	146	4166052	82.502	ng	100
87) sec-Butylbenzene	19.39	105	9761278	83.609	ng	97
88) p-Isopropyltoluene	19.57	119	9007630	96.744	ng	92
89) 1,2,3-Trimethylbenzene	19.57	105	8126498	97.528	ng	97
90) 1,2-Dichlorobenzene	19.75	146	3795595	78.257	ng	99
91) d-Limonene	19.73	68	3329824	96.342	ng	97
92) 1,2-Dibromo-3-Chloropr...	20.26	157	1445738	90.908	ng	84
93) n-Undecane	20.63	57	6107589	115.072	ng	80
94) 1,2,4-Trichlorobenzene	21.77	180	3263789	97.166	ng	99
95) Naphthalene	21.91	128	9614443	82.127	ng	99
96) n-Dodecane	21.86	57	5842458	112.950	ng	84
97) Hexachloro-1,3-butadiene	22.32	225	1882097	108.571	ng	99

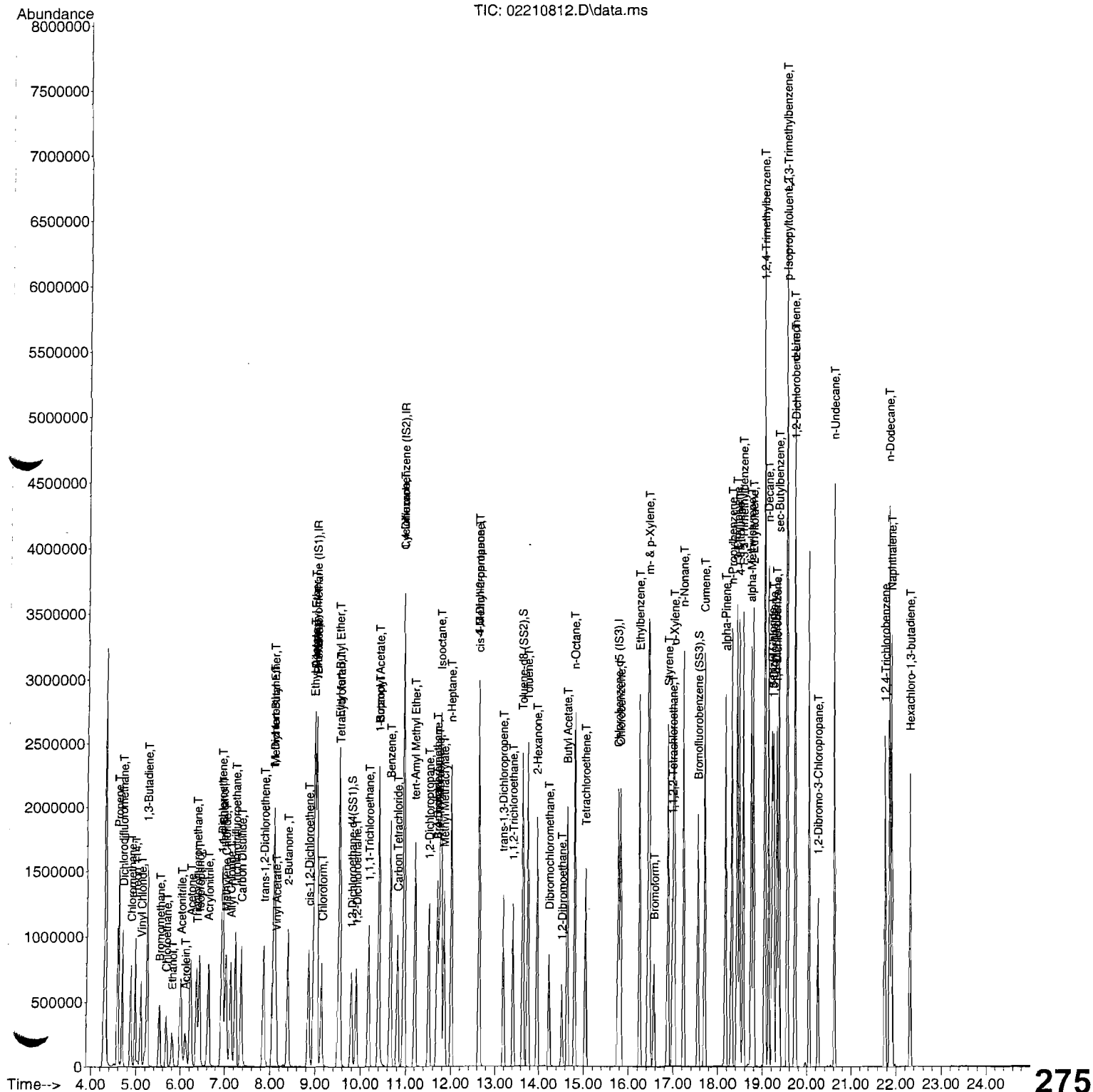
(#) = qualifier out of range (m) = manual integration (+) = signals summed

C. 2/22/08

Data Path : J:\MS08\Data\2008_02\21\
Data File : 02210812.D
Acq On : 21 Feb 2008 18:19
Operator : SC
Sample : 25ng TO-15 ICV STD
Misc : S20-01280801/S20-02040804
S Vial : 2 Sample Multiplier: 1

Quant Time: Feb 22 09:36:28 2008
Quant Method : J:\MS08\Methods\R8022108.M
Quant Title : EPA TO-15 per SOP VOA-T015 (CASS TO-15/GC-MS)
QLast Update : Fri Feb 22 09:32:02 2008
Response via : Initial Calibration

TIC: 02210812.D\data.ms



Data Path : J:\MS08\Data\2008_02\21\
 Data File : 02210812.D
 Acq On : 21 Feb 2008 18:19
 Operator : SC
 Sample : 25ng TO-15 ICV STD
 Misc : S20-01280801/S20-02040804
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 22 09:36:28 2008
 Quant Method : J:\MS08\Methods\R8022108.M
 Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 QLast Update : Fri Feb 22 09:32:02 2008
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane (IS1)	9.02	130	327186	25.000	ng	0.03
37) 1,4-Difluorobenzene (IS2)	10.95	114	1578315	25.000	ng	0.02
56) Chlorobenzene-d5 (IS3)	15.77	82	905235	25.000	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4(...)	9.79	65	705090	23.351	ng	0.02
Spiked Amount 25.000			Recovery	=	93.40%	
57) Toluene-d8 (SS2)	13.64	98	1892651	25.292	ng	0.00
Spiked Amount 25.000			Recovery	=	101.16%	
73) Bromofluorobenzene (SS3)	17.56	174	643714	24.585	ng	0.00
Spiked Amount 25.000			Recovery	=	98.32%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Propene	4.58	42	711779	24.050	ng	98
3) Dichlorodifluoromethane	4.68	85	1066386	23.066	ng	98
4) Chloromethane	4.87	50	1097322	21.841	ng	99
5) Freon 114	4.98	135	367617	22.414	ng	99
6) Vinyl Chloride	5.10	62	855970	21.683	ng	97
7) 1,3-Butadiene	5.24	54	938014	26.453	ng	89
8) Bromomethane	5.52	94	422318	25.332	ng	96
9) Chloroethane	5.67	64	446636	25.028	ng	95
10) Ethanol	5.81	45	467448	23.773	ng	99
11) Acetonitrile	6.00	41	1264292	22.123	ng	97
12) Acrolein	6.10	56	387680	24.844	ng	97
13) Acetone	6.22	58	586777	24.663	ng	94
14) Trichlorofluoromethane	6.36	101	822948	24.376	ng	99
15) Isopropanol	6.42	45	1518028	21.262	ng	99
16) Acrylonitrile	6.62	53	983503	25.601	ng	98
17) 1,1-Dichloroethene	6.93	96	460236	26.934	ng	# 52
18) tert-Butanol	6.95	59	1770881	24.678	ng	98
19) Methylene Chloride	7.02	84	514717	24.714	ng	# 49
20) Allyl Chloride	7.13	41	1015486	26.517	ng	86
21) Trichlorotrifluoroethane	7.23	151	426453	27.239	ng	94
22) Carbon Disulfide	7.36	76	1876076	20.652	ng	99
23) trans-1,2-Dichloroethene	7.86	61	961669	25.781	ng	80
24) 1,1-Dichloroethane	8.07	63	967814	25.703	ng	96
25) Methyl tert-Butyl Ether	8.07	73	1786244	25.069	ng	91
26) Vinyl Acetate	8.12	86	99815	34.894	ng	# 1
27) 2-Butanone	8.39	72	361007	27.535	ng	# 43
28) cis-1,2-Dichloroethene	8.85	61	872030	25.426	ng	79
29) Diisopropyl Ether	8.98	87	435239	28.174	ng	# 32
30) Ethyl Acetate	8.97	61	249851	29.417	ng	87
31) n-Hexane	9.03	57	1286378	25.434	ng	93
32) Chloroform	9.14	83	820061	28.557	ng	99
34) Tetrahydrofuran	9.54	72	347418	27.322	ng	# 63
35) Ethyl tert-Butyl Ether	9.52	87	661937	25.678	ng	# 68
36) 1,2-Dichloroethane	9.90	62	839611	24.171	ng	98
38) 1,1,1-Trichloroethane	10.18	97	962970	25.414	ng	98
39) Isopropyl Acetate	10.40	61	426639	27.815	ng	# 84
40) 1-Butanol	10.41	56	680280	22.736	ng	90
41) Benzene	10.66	78	2032866	25.267	ng	98
42) Carbon Tetrachloride	10.82	117	827729	25.041	ng	99
43) Cyclohexane	10.95	84	835134	24.069	ng	# 71
44) tert-Amyl Methyl Ether	11.21	73	1621577	25.062	ng	89
45) 1,2-Dichloropropane	11.51	63	627147	26.286	ng	95
46) Bromodichloromethane	11.69	83	787304	27.283	ng	100

2/22/08

Data Path : J:\MS08\Data\2008_02\21\
 Data File : 02210812.D
 Acq On : 21 Feb 2008 18:19
 Operator : SC
 Sample : 25ng TO-15 ICV STD
 Misc : S20-01280801/S20-02040804
 Vial : 2 Sample Multiplier: 1

Quant Time: Feb 22 09:36:28 2008

Quant Method : J:\MS08\Methods\R8022108.M

Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)

QLast Update : Fri Feb 22 09:32:02 2008

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) Trichloroethene	11.74	130	507227	27.665	ng	97
48) 1,4-Dioxane	11.69	88	409799	27.798	ng	# 72
49) Isooctane	11.78	57	3129122	24.458	ng	97
50) Methyl Methacrylate	11.85	100	226459	26.180	ng	# 75
51) n-Heptane	12.01	71	555152	26.356	ng	# 69
52) cis-1,3-Dichloropropene	12.64	75	883888	24.138	ng	100
53) 4-Methyl-2-pentanone	12.64	58	697765	24.648	ng	90
54) trans-1,3-Dichloropropene	13.19	75	943276	27.867	ng	99
55) 1,1,2-Trichloroethane	13.42	97	486980	26.118	ng	98
58) Toluene	13.76	91	2160022	24.980	ng	98
59) 2-Hexanone	13.97	43	1642092	23.464	ng	97
60) Dibromochloromethane	14.23	129	588131	27.106	ng	100
61) 1,2-Dibromoethane	14.53	107	561881	26.219	ng	100
62) Butyl Acetate	14.65	43	1819334	25.783	ng	92
63) n-Octane	14.81	57	651395	25.670	ng	95
64) Tetrachloroethene	15.05	166	567027	25.591	ng	99
65) Chlorobenzene	15.83	112	1390921	25.172	ng	98
66) Ethylbenzene	16.25	91	2547624	24.576	ng	97
67) m- & p-Xylene	16.46	91	4095243	58.647	ng	97
68) Bromoform	16.57	173	503918	33.940	ng	98
69) Styrene	16.88	104	1567730	25.369	ng	97
70) o-Xylene	17.02	91	2095936	27.983	ng	97
71) n-Nonane	17.23	43	1479488	23.636	ng	96
72) 1,1,2,2-Tetrachloroethane	16.99	83	867577	29.443	ng	99
74) Cumene	17.71	105	2456109	25.950	ng	99
75) alpha-Pinene	18.18	93	1316810	25.546	ng	97
76) n-Propylbenzene	18.31	91	3042003	25.432	ng	98
77) 3-Ethyltoluene	18.43	105	2477881	24.209	ng	99
78) 4-Ethyltoluene	18.48	105	2379284	25.131	ng	99
79) 1,3,5-Trimethylbenzene	18.56	105	2127182	24.856	ng	99
80) alpha-Methylstyrene	18.74	118	1077956	24.619	ng	95
81) 2-Ethyltoluene	18.80	105	2400773	23.815	ng	100
82) 1,2,4-Trimethylbenzene	19.06	105	2136494	25.069	ng	99
83) n-Decane	19.14	57	1618220	24.572	ng	84
84) Benzyl Chloride	19.22	91	2003244	26.416	ng	95
85) 1,3-Dichlorobenzene	19.25	146	1109871	24.471	ng	100
86) 1,4-Dichlorobenzene	19.33	146	1126496	25.451	ng	99
87) sec-Butylbenzene	19.37	105	2707847	25.537	ng	98
88) p-Isopropyltoluene	19.56	119	2499751	27.925	ng	94
89) 1,2,3-Trimethylbenzene	19.56	105	2236401	26.779	ng	96
90) 1,2-Dichlorobenzene	19.74	146	1021104	24.478	ng	99
91) d-Limonene	19.73	68	846112	25.453	ng	96
92) 1,2-Dibromo-3-Chloropr...	20.25	157	378760	25.917	ng	88
93) n-Undecane	20.63	57	1719860	25.033	ng	79
94) 1,2,4-Trichlorobenzene	21.76	180	863187	26.534	ng	100
95) Naphthalene	21.90	128	2696179	26.315	ng	100
96) n-Dodecane	21.85	57	1703833	26.028	ng	83
97) Hexachloro-1,3-butadiene	22.32	225	497602	26.200	ng	100

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

2/22/08

INITIAL CALIBRATION VERIFICATION CHECK SHEET

Data File Name: **02210812.D**
 Data File Path: **J:\MS08\Data\2008_02\21**
 Operator: **SC**
 Date Acquired: **2/21/08 18:19**
 Acq. Method File: **TO15.M**
 Sample Name: **25ng TO-15 ICV STD**
 Misc Info: **S20-01280801/S20-02040804**
 Instrument Name: **MS08**

#	Name <u>Compound</u>	Ret. <u>Time</u>	Amt. <u>(ng)</u>	Spike <u>Amt.(ng)</u>	% <u>Rec.</u>	Lower <u>Limit</u>	Upper <u>Limit</u>	* OR <u>Fail</u>
2)	Propene	4.58	24.05	26.3	91.4	70	130	*
3)	Dichlorodifluoromethane	4.68	23.07	25.5	90.5	70	130	*
4)	Chloromethane	4.87	21.84	24.5	89.1	70	130	*
5)	Freon 114	4.98	22.41	26.0	86.2	70	130	*
6)	Vinyl Chloride	5.10	21.68	24.8	87.4	70	130	*
7)	1,3-Butadiene	5.24	26.45	30.0	88.2	70	130	*
8)	Bromomethane	5.52	25.33	25.0	101.3	70	130	*
9)	Chloroethane	5.67	25.03	25.0	100.1	70	130	*
10)	Ethanol	5.81	23.77	23.8	99.9	70	130	*
11)	Acetonitrile	6.00	22.12	25.3	87.4	70	130	*
12)	Acrolein	6.10	24.84	24.8	100.2	70	130	*
13)	Acetone	6.22	24.66	26.8	92.0	70	130	*
14)	Trichlorofluoromethane	6.36	24.38	26.3	92.7	70	130	*
15)	Isopropanol	6.42	21.26	25.8	82.4	70	130	*
16)	Acrylonitrile	6.62	25.60	25.5	100.4	70	130	*
17)	1,1-Dichloroethene	6.93	26.93	27.8	96.9	70	130	*
18)	tert-Butanol	6.95	24.68	25.8	95.6	70	130	*
19)	Methylene Chloride	7.02	24.71	27.8	88.9	70	130	*
20)	Allyl Chloride	7.13	26.52	26.8	98.9	70	130	*
21)	Trichlorotrifluoroethane	7.23	27.24	27.8	98.0	70	130	*
22)	Carbon Disulfide	7.36	20.65	25.0	82.6	70	130	*
23)	trans-1,2-Dichloroethene	7.86	25.78	26.5	97.3	70	130	*
24)	1,1-Dichloroethane	8.07	25.70	26.8	95.9	70	130	*
25)	Methyl tert-Butyl Ether	8.07	25.07	26.8	93.5	70	130	*
26)	Vinyl Acetate	8.12	34.89	25.3	137.9	70	130	FAIL
27)	2-Butanone	8.39	27.53	27.0	102.0	70	130	*
28)	cis-1,2-Dichloroethene	8.85	25.43	27.0	94.2	70	130	*
29)	Diisopropyl Ether	8.98	28.17	26.3	107.1	70	130	*
30)	Ethyl Acetate	8.97	29.42	29.3	100.4	70	130	*
31)	n-Hexane	9.03	25.43	27.0	94.2	70	130	*
32)	Chloroform	9.14	28.56	29.8	95.8	70	130	*
34)	Tetrahydrofuran	9.54	27.32	26.8	101.9	70	130	*
35)	Ethyl tert-Butyl Ether	9.52	25.68	26.0	98.8	70	130	*
36)	1,2-Dichloroethane	9.90	24.17	26.3	91.9	70	130	*
38)	1,1,1-Trichloroethane	10.18	25.41	26.8	94.8	70	130	*
39)	Isopropyl Acetate	10.40	27.82	25.5	109.1	70	130	*

2/22/08

INITIAL CALIBRATION VERIFICATION CHECK SHEET

Data File Name: 02210812.D
 Data File Path: J:\MS08\Data\2008_02\21\
 Operator: SC
 Date Acquired: 2/21/08 18:19
 Acq. Method File: TO15.M
 Sample Name: 25ng TO-15 ICV STD
 Misc Info: S20-01280801/S20-02040804
 Instrument Name: MS08

#	Name Compound	Ret. Time	Amt. (ng)	Spike Amt.(ng)	% Rec.	Lower Limit	Upper Limit	* OR Fail
40)	1-Butanol	10.41	22.74	24.8	91.7	70	130	*
41)	Benzene	10.66	25.27	27.0	93.6	70	130	*
42)	Carbon Tetrachloride	10.82	25.04	26.0	96.3	70	130	*
43)	Cyclohexane	10.95	24.07	26.8	89.8	70	130	*
44)	tert-Amyl Methyl Ether	11.21	25.06	26.0	96.4	70	130	*
45)	1,2-Dichloropropane	11.51	26.29	26.5	99.2	70	130	*
46)	Bromodichloromethane	11.69	27.28	27.8	98.1	70	130	*
47)	Trichloroethene	11.74	27.67	27.3	101.3	70	130	*
48)	1,4-Dioxane	11.69	27.80	27.5	101.1	70	130	*
49)	Isooctane	11.78	24.46	26.3	93.0	70	130	*
50)	Methyl Methacrylate	11.85	26.18	25.8	101.5	70	130	*
51)	n-Heptane	12.01	26.36	26.8	98.3	70	130	*
52)	cis-1,3-Dichloropropene	12.64	24.14	25.0	96.6	70	130	*
53)	4-Methyl-2-pentanone	12.64	24.65	27.5	89.6	70	130	*
54)	trans-1,3-Dichloropropene	13.19	27.87	28.0	99.5	70	130	*
55)	1,1,2-Trichloroethane	13.42	26.12	26.3	99.3	70	130	*
58)	Toluene	13.76	24.98	26.5	94.3	70	130	*
59)	2-Hexanone	13.97	23.46	26.3	89.2	70	130	*
60)	Dibromochloromethane	14.23	27.11	27.0	100.4	70	130	*
61)	1,2-Dibromoethane	14.53	26.22	26.3	99.7	70	130	*
62)	Butyl Acetate	14.65	25.78	26.3	98.0	70	130	*
63)	n-Octane	14.81	25.67	26.0	98.7	70	130	*
64)	Tetrachloroethene	15.05	25.59	26.0	98.4	70	130	*
65)	Chlorobenzene	15.83	25.17	26.5	95.0	70	130	*
66)	Ethylbenzene	16.25	24.58	26.3	93.4	70	130	*
67)	m- & p-Xylene	16.46	58.65	62.5	93.8	70	130	*
68)	Bromoform	16.57	33.94	31.3	108.4	70	130	*
69)	Styrene	16.88	25.37	26.3	96.5	70	130	*
70)	o-Xylene	17.02	27.98	29.8	93.9	70	130	*
71)	n-Nonane	17.23	23.64	26.0	90.9	70	130	*
72)	1,1,2,2-Tetrachloroethane	16.99	29.44	29.8	98.8	70	130	*
74)	Cumene	17.71	25.95	27.0	96.1	70	130	*
75)	alpha-Pinene	18.18	25.55	26.3	97.1	70	130	*
76)	n-Propylbenzene	18.31	25.43	26.3	96.7	70	130	*
77)	3-Ethyltoluene	18.43	24.21	25.5	94.9	70	130	*

INITIAL CALIBRATION VERIFICATION CHECK SHEET

Data File Name: **02210812.D**
 Data File Path: **J:\MS08\Data\2008_02\21**
 Operator: **SC**
 Date Acquired: **2/21/08 18:19**
 Acq. Method File: **TO15.M**
 Sample Name: **25ng TO-15 ICV STD**
 Misc Info: **S20-01280801/S20-02040804**
 Instrument Name: **MS08**

#	Name <u>Compound</u>	Ret. <u>Time</u>	Amt. <u>(ng)</u>	Spike <u>Amt.(ng)</u>	% <u>Rec.</u>	Lower <u>Limit</u>	Upper <u>Limit</u>	* OR <u>Fail</u>
78)	4-Ethyltoluene	18.48	25.13	26.5	94.8	70	130	*
79)	1,3,5-Trimethylbenzene	18.56	24.86	26.0	95.6	70	130	*
80)	alpha-Methylstyrene	18.74	24.62	25.5	96.5	70	130	*
81)	2-Ethyltoluene	18.80	23.81	24.8	96.0	70	130	*
82)	1,2,4-Trimethylbenzene	19.06	25.07	26.0	96.4	70	130	*
83)	n-Decane	19.14	24.57	26.3	93.4	70	130	*
84)	Benzyl Chloride	19.22	26.42	25.8	102.4	70	130	*
85)	1,3-Dichlorobenzene	19.25	24.47	25.5	96.0	70	130	*
86)	1,4-Dichlorobenzene	19.33	25.45	26.3	96.8	70	130	*
87)	sec-Butylbenzene	19.37	25.54	26.8	95.3	70	130	*
88)	p-Isopropyltoluene	19.56	27.92	28.8	97.0	70	130	*
89)	1,2,3-Trimethylbenzene	19.56	26.78	28.5	94.0	70	130	*
90)	1,2-Dichlorobenzene	19.74	24.48	25.8	94.9	70	130	*
91)	d-Limonene	19.73	25.45	26.0	97.9	70	130	*
92)	1,2-Dibromo-3-Chloropropane	20.25	25.92	25.8	100.5	70	130	*
93)	n-Undecane	20.63	25.03	26.5	94.5	70	130	*
94)	1,2,4-Trichlorobenzene	21.76	26.53	26.0	102.1	70	130	*
95)	Naphthalene	21.90	26.32	26.3	100.1	70	130	*
96)	n-Dodecane	21.85	26.03	26.5	98.2	70	130	*
97)	Hexachloro-1,3-butadiene	22.32	26.20	26.3	99.6	70	130	*

Bold = 67 Compound List

✓ 2/22/08

Data Path : J:\MS08\Data\2008_02\28\
 Data File : 02280801.D
 Acq On : 28 Feb 2008 10:27
 Operator : SC
 Sample : 25ng TO-15 CCV STD
 Misc : S20-01280801/S20-01290804
 3 Vial : 4 Sample Multiplier: 1

Quant Time: Feb 28 10:52:48 2008
 Quant Method : J:\MS08\Methods\R8022108.M
 Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 QLast Update : Fri Feb 22 09:32:02 2008
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.33min
 Max. RRF Dev : 30% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	IR Bromochloromethane (IS1)	1.000	1.000	0.0	119	0.03
2	T Propene	2.261	2.005	11.3	111	-0.03
3	T Dichlorodifluoromethane	3.533	3.084	12.7	112	-0.02
4	T Chloromethane	3.839	3.313	13.7	107	-0.02
5	T Freon 114	1.253	1.039	17.1	107	-0.02
6	T Vinyl Chloride	3.016	2.523	16.3	104	-0.02
7	T 1,3-Butadiene	2.709	2.330	14.0	105	-0.02
8	T Bromomethane	1.274	1.278	-0.3	115	-0.02
9	T Chloroethane	1.364	1.311	3.9	115	-0.01
10	T Ethanol	1.502	1.425	5.1	114	0.03
11	T Acetonitrile	4.367	3.739	14.4	111	0.00
12	T Acrolein	1.192	1.152	3.4	112	0.00
13	T Acetone	1.818	1.547	14.9	117	0.00
14	T Trichlorofluoromethane	2.580	2.351	8.9	113	0.00
15	T Isopropanol	5.455	4.925	9.7	109	0.02
16	T Acrylonitrile	2.935	2.880	1.9	113	0.03
17	T 1,1-Dichloroethene	1.306	1.242	4.9	115	0.00
18	T tert-Butanol	5.483	5.003	8.8	114	-0.03
19	T Methylene Chloride	1.591	1.393	12.4	114	0.01
20	T Allyl Chloride	2.926	2.784	4.9	111	0.01
21	T Trichlorotrifluoroethane	1.196	1.143	4.4	116	0.00
22	T Carbon Disulfide	6.941	5.711	17.7	115	0.00
23	T trans-1,2-Dichloroethene	2.850	2.673	6.2	113	0.02
24	T 1,1-Dichloroethane	2.877	2.653	7.8	113	0.03
25	T Methyl tert-Butyl Ether	5.444	4.868	10.6	114	0.00
26	T Vinyl Acetate	0.219	0.191	12.8	103	-0.02
27	T 2-Butanone	1.002	0.968	3.4	115	0.00
28	T cis-1,2-Dichloroethene	2.621	2.414	7.9	112	0.03
29	T Diisopropyl Ether	1.180	1.218	-3.2	116	0.01
30	T Ethyl Acetate	0.649	0.619	4.6	114	0.15
31	T n-Hexane	3.865	3.512	9.1	115	0.01
32	T Chloroform	2.194	1.982	9.7	114	0.04
33	S 1,2-Dichloroethane-d4 (SS1)	2.307	2.220	3.8	114	0.02
34	T Tetrahydrofuran	0.972	0.946	2.7	114	0.00
35	T Ethyl tert-Butyl Ether	1.970	1.874	4.9	115	0.00
36	T 1,2-Dichloroethane	2.654	2.391	9.9	110	0.02
37	IR 1,4-Difluorobenzene (IS2)	1.000	1.000	0.0	119	0.02
38	T 1,1,1-Trichloroethane	0.600	0.556	7.3	114	0.01
39	T Isopropyl Acetate	0.243	0.250	-2.9	113	0.01
40	T 1-Butanol	0.474	0.458	3.4	114	-0.03
41	T Benzene	1.274	1.152	9.6	115	0.02
42	T Carbon Tetrachloride	0.524	0.486	7.3	112	0.03
43	T Cyclohexane	0.550	0.479	12.9	116	0.02
44	T tert-Amyl Methyl Ether	1.025	0.953	7.0	114	0.00
45	T 1,2-Dichloropropane	0.378	0.361	4.5	114	0.01
46	T Bromodichloromethane	0.457	0.428	6.3	113	0.02
47	T Trichloroethene	0.290	0.285	1.7	114	0.02
48	T 1,4-Dioxane	0.234	0.227	3.0	114	-0.01
49	T Isooctane	2.027	1.828	9.8	112	0.02
50	T Methyl Methacrylate	0.137	0.134	2.2	116	-0.01
51	T n-Heptane	0.334	0.315	5.7	115	0.01

2/28/08

Evaluate Continuing Calibration Report

Data Path : J:\MS08\Data\2008_02\28\
 Data File : 02280801.D
 Acq On : 28 Feb 2008 10:27
 Operator : SC
 Sample : 25ng TO-15 CCV STD
 Misc : S20-01280801/S20-01290804
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 28 10:52:48 2008
 Quant Method : J:\MS08\Methods\R8022108.M
 Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 QLast Update : Fri Feb 22 09:32:02 2008
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.33min
 Max. RRF Dev : 30% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
2 T	cis-1,3-Dichloropropene	0.580	0.537	7.4	115	0.00
3 T	4-Methyl-2-pentanone	0.448	0.409	8.7	112	0.00
4 T	trans-1,3-Dichloropropene	0.536	0.519	3.2	115	0.00
5 T	1,1,2-Trichloroethane	0.295	0.282	4.4	115	0.00
6 I	Chlorobenzene-d5 (IS3)	1.000	1.000	0.0	118	0.00
7 S	Toluene-d8 (SS2)	2.067	2.066	0.0	118	0.01
8 T	Toluene	2.388	2.163	9.4	115	0.00
9 T	2-Hexanone	1.933	1.709	11.6	109	-0.01
0 T	Dibromochloromethane	0.599	0.579	3.3	114	0.00
1 T	1,2-Dibromoethane	0.592	0.572	3.4	115	0.00
2 T	Butyl Acetate	1.949	1.605	17.7	104	0.00
3 T	n-Octane	0.701	0.676	3.6	113	0.00
4 T	Tetrachloroethene	0.612	0.582	4.9	114	0.00
5 T	Chlorobenzene	1.526	1.411	7.5	115	0.00
5 T	Ethylbenzene	2.863	2.607	8.9	114	0.00
7 T	m- & p-Xylene	1.928	1.749	9.3	114	0.00
3 T	Bromoform	0.410	0.410	0.0	114	0.00
9 T	Styrene	1.707	1.588	7.0	113	0.00
0 T	o-Xylene	2.069	1.874	9.4	113	0.00
1 T	n-Nonane	1.729	1.539	11.0	111	0.00
2 T	1,1,2,2-Tetrachloroethane	0.814	0.775	4.8	115	0.00
3 S	Bromofluorobenzene (SS3)	0.723	0.721	0.3	116	0.00
1 T	Cumene	2.614	2.421	7.4	114	0.00
5 T	alpha-Pinene	1.424	1.337	6.1	113	0.00
5 T	n-Propylbenzene	3.303	3.066	7.2	114	0.00
7 T	3-Ethyltoluene	2.827	2.572	9.0	113	0.00
3 T	4-Ethyltoluene	2.615	2.385	8.8	114	0.00
0 T	1,3,5-Trimethylbenzene	2.363	2.137	9.6	112	0.00
0 T	alpha-Methylstyrene	1.209	1.142	5.5	113	0.00
1 T	2-Ethyltoluene	2.784	2.570	7.7	114	0.00
1 T	1,2,4-Trimethylbenzene	2.354	2.146	8.8	113	0.00
1 T	n-Decane	1.819	1.633	10.2	111	0.00
1 T	Benzyl Chloride	2.094	1.960	6.4	111	0.00
1 T	1,3-Dichlorobenzene	1.253	1.151	8.1	113	0.00
1 T	1,4-Dichlorobenzene	1.222	1.114	8.8	113	0.00
1 T	sec-Butylbenzene	2.928	2.696	7.9	113	0.00
1 T	p-Isopropyltoluene	2.472	2.259	8.6	113	0.00
1 T	1,2,3-Trimethylbenzene	2.306	2.113	8.4	112	0.00
1 T	1,2-Dichlorobenzene	1.152	1.049	8.9	113	0.00
1 T	d-Limonene	0.918	0.869	5.3	112	0.00
1 T	1,2-Dibromo-3-Chloropropane	0.404	0.398	1.5	112	0.00
1 T	n-Undecane	1.897	1.690	10.9	109	0.00
1 T	1,2,4-Trichlorobenzene	0.898	0.843	6.1	109	-0.01
1 T	Naphthalene	2.830	2.658	6.1	109	0.00
1 T	n-Dodecane	1.808	1.585	12.3	106	0.00
1 T	Hexachloro-1,3-butadiene	0.525	0.481	8.4	109	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 0

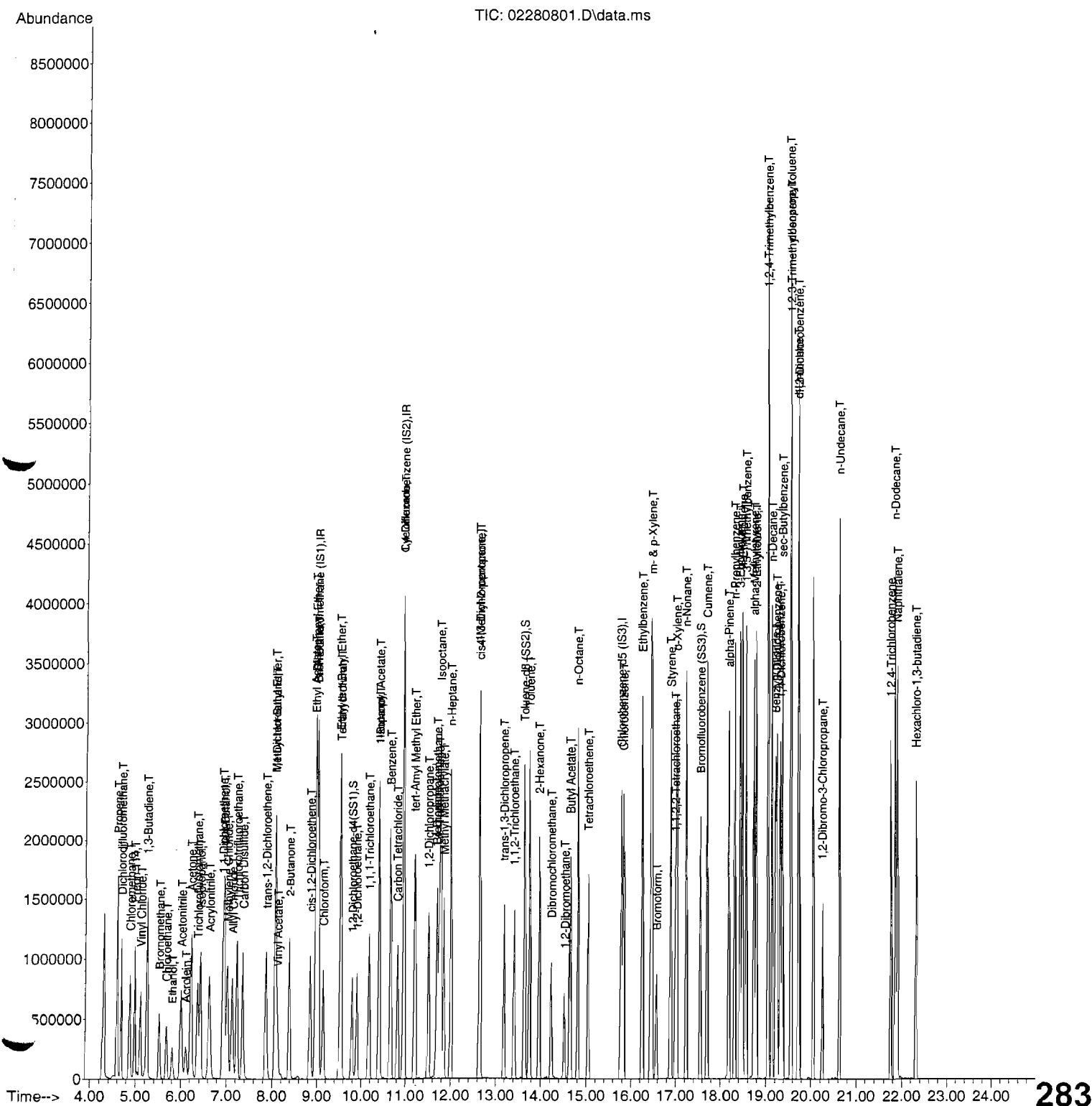
282

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Data Path   : J:\MS08\Data\2008_02\28\
Data File   : 02280801.D
Acq On      : 28 Feb 2008   10:27
Operator    : SC
Sample      : 25ng TO-15 CCV STD
Misc        : S20-01280801/S20-01290804
S Vial      : 4      Sample Multiplier: 1

```

Quant Time: Feb 28 10:52:48 2008
Quant Method : J:\MS08\Methods\R8022108.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Fri Feb 22 09:32:02 2008
Response via : Initial Calibration



Data Path : J:\MS08\Data\2008_02\28\
 Data File : 02280801.D
 Acq On : 28 Feb 2008 10:27
 Operator : SC
 Sample : 25ng TO-15 CCV STD
 Misc : S20-01280801/S20-01290804
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 28 10:52:48 2008
 Quant Method : J:\MS08\Methods\R8022108.M
 Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 QLast Update : Fri Feb 22 09:32:02 2008
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane (IS1)	9.02	130	368107	25.000	ng	0.03
37) 1,4-Difluorobenzene (IS2)	10.95	114	1760574	25.000	ng	0.02
56) Chlorobenzene-d5 (IS3)	15.78	82	1010708	25.000	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4(...)	9.79	65	817282	24.058	ng	0.02
Spiked Amount	25.000		Recovery	=	96.24%	
57) Toluene-d8 (SS2)	13.65	98	2087804	24.988	ng	0.01
Spiked Amount	25.000		Recovery	=	99.96%	
73) Bromofluorobenzene (SS3)	17.56	174	728952	24.935	ng	0.00
Spiked Amount	25.000		Recovery	=	99.72%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Propene	4.59	42	797035	23.936	ng	97
3) Dichlorodifluoromethane	4.68	85	1180564	22.697	ng	98
4) Chloromethane	4.87	50	1243974	22.007	ng	99
5) Freon 114	4.98	135	409937	22.215	ng	100
6) Vinyl Chloride	5.11	62	958330	21.577	ng	97
7) 1,3-Butadiene	5.24	54	936541	23.476	ng	89
8) Bromomethane	5.52	94	494925	26.387	ng	96
9) Chloroethane	5.68	64	507785	25.292	ng	95
10) Ethanol	5.81	45	478365	21.624	ng	100
11) Acetonitrile	6.01	41	1348868	20.979	ng	98
12) Acrolein	6.11	56	406971	23.181	ng	99
13) Acetone	6.22	58	633288	23.659	ng	89
14) Trichlorofluoromethane	6.36	101	899982	23.694	ng	99
15) Isopropanol	6.43	45	1871036	23.293	ng	99
16) Acrylonitrile	6.63	53	1072745	24.820	ng	99
17) 1,1-Dichloroethene	6.93	96	517624	26.925	ng	# 53
18) tert-Butanol	6.95	59	1878448	23.267	ng	98
19) Methylene Chloride	7.03	84	574223	24.507	ng	# 49
20) Allyl Chloride	7.14	41	1078199	25.025	ng	87
21) Trichlorotrifluoroethane	7.24	151	479799	27.239	ng	95
22) Carbon Disulfide	7.37	76	2102393	20.571	ng	99
23) trans-1,2-Dichloroethene	7.87	61	1082407	25.792	ng	81
24) 1,1-Dichloroethane	8.07	63	1085976	25.635	ng	96
25) Methyl tert-Butyl Ether	8.07	73	1992739	24.858	ng	90
26) Vinyl Acetate	8.12	86	68834	21.389	ng	# 1
27) 2-Butanone	8.39	72	399252	27.067	ng	# 39
28) cis-1,2-Dichloroethene	8.85	61	988171	25.609	ng	78
29) Diisopropyl Ether	8.98	87	462811	26.628	ng	# 21
30) Ethyl Acetate	8.97	61	289981	30.346	ng	86
31) n-Hexane	9.03	57	1448093	25.448	ng	93
32) Chloroform	9.14	83	942768	29.181	ng	100
34) Tetrahydrofuran	9.54	72	387224	27.067	ng	# 61
35) Ethyl tert-Butyl Ether	9.52	87	725533	25.016	ng	# 68
36) 1,2-Dichloroethane	9.90	62	968315	24.777	ng	98
38) 1,1,1-Trichloroethane	10.18	97	1077375	25.490	ng	98
39) Isopropyl Acetate	10.40	61	445046	26.012	ng	# 81
40) 1-Butanol	10.41	56	735026	22.022	ng	90
41) Benzene	10.66	78	2230920	24.858	ng	99
42) Carbon Tetrachloride	10.82	117	917226	24.876	ng	99
43) Cyclohexane	10.95	84	938227	24.241	ng	# 71
44) tert-Amyl Methyl Ether	11.21	73	1744714	24.174	ng	89
45) 1,2-Dichloropropane	11.51	63	694535	26.097	ng	95
46) Bromodichloromethane	11.69	83	867844	26.960	ng	100

2/28/08

Data Path : J:\MS08\Data\2008_02\28\
 Data File : 02280801.D
 Acq On : 28 Feb 2008 10:27
 Operator : SC
 Sample : 25ng TO-15 CCV STD
 Masc : S20-01280801/S20-01290804
 Vial : 4 Sample Multiplier: 1

Quant Time: Feb 28 10:52:48 2008
 Quant Method : J:\MS08\Methods\R8022108.M
 Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 QLast Update : Fri Feb 22 09:32:02 2008
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) Trichloroethene	11.74	130	572162	27.976	ng	98
48) 1,4-Dioxane	11.69	88	459422	27.937	ng #	72
49) Isooctane	11.78	57	3346377	23.448	ng	97
50) Methyl Methacrylate	11.85	100	249470	25.854	ng #	75
51) n-Heptane	12.01	71	616466	26.238	ng #	67
52) cis-1,3-Dichloropropene	12.64	75	984034	24.091	ng	100
53) 4-Methyl-2-pentanone	12.64	58	757001	23.973	ng	90
54) trans-1,3-Dichloropropene	13.19	75	1060342	28.082	ng	100
55) 1,1,2-Trichloroethane	13.42	97	542041	26.062	ng	98
58) Toluene	13.76	91	2404577	24.907	ng	98
59) 2-Hexanone	13.97	43	1761567	22.545	ng	98
60) Dibromochloromethane	14.23	129	651216	26.881	ng	100
61) 1,2-Dibromoethane	14.53	107	631695	26.401	ng	100
62) Butyl Acetate	14.65	43	1706358	21.659	ng	92
63) n-Octane	14.81	57	710345	25.071	ng	95
64) Tetrachloroethene	15.05	166	642447	25.969	ng	99
65) Chlorobenzene	15.83	112	1568678	25.426	ng	98
66) Ethylbenzene	16.25	91	2845454	24.585	ng	97
67) m- & p-Xylene	16.46	91	4559837	58.486	ng	97
68) Bromoform	16.57	173	544179	32.827	ng	99
69) Styrene	16.88	104	1733315	25.122	ng	97
70) o-Xylene	17.02	91	2310647	27.631	ng	97
71) n-Nonane	17.23	43	1605593	22.974	ng	97
72) 1,1,2,2-Tetrachloroethane	16.99	83	965207	29.338	ng	99
74) Cumene	17.71	105	2643054	25.011	ng	99
75) alpha-Pinene	18.18	93	1432696	24.894	ng	97
76) n-Propylbenzene	18.31	91	3259725	24.409	ng	99
77) 3-Ethyltoluene	18.43	105	2651458	23.202	ng	99
78) 4-Ethyltoluene	18.48	105	2680168	25.354	ng	99
79) 1,3,5-Trimethylbenzene	18.56	105	2332328	24.409	ng	100
80) alpha-Methylstyrene	18.75	118	1177499	24.086	ng	96
81) 2-Ethyltoluene	18.80	105	2576298	22.889	ng	100
82) 1,2,4-Trimethylbenzene	19.06	105	2386141	25.076	ng	99
83) n-Decane	19.14	57	1716373	23.342	ng	84
84) Benzyl Chloride	19.22	91	2123534	25.080	ng	96
85) 1,3-Dichlorobenzene	19.25	146	1232724	24.344	ng	99
86) 1,4-Dichlorobenzene	19.33	146	1238734	25.066	ng	100
87) sec-Butylbenzene	19.37	105	2921488	24.676	ng	98
88) p-Isopropyltoluene	19.56	119	2694415	26.958	ng	95
89) 1,2,3-Trimethylbenzene	19.57	105	2349121	25.194	ng	96
90) 1,2-Dichlorobenzene	19.74	146	1144930	24.583	ng	99
91) d-Limonene	19.73	68	930528	25.071	ng	96
92) 1,2-Dibromo-3-Chloropr...	20.25	157	418832	25.668	ng	87
93) n-Undecane	20.63	57	1797174	23.429	ng	79
94) 1,2,4-Trichlorobenzene	21.76	180	954310	26.274	ng	100
95) Naphthalene	21.90	128	2826146	24.705	ng	100
96) n-Dodecane	21.85	57	1698439	23.238	ng	82
97) Hexachloro-1,3-butadiene	22.32	225	540214	25.475	ng	100

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

Data Path : J:\MS08\Data\2008_02\29\
 Data File : 02290801.D
 Acq On : 29 Feb 2008 10:09
 Operator : SC
 Sample : 25ng TO-15 CCV STD
 Misc : S20-02290801/S20-01290804
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 29 10:34:43 2008

Quant Method : J:\MS08\Methods\R8022108.M

Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)

QLast Update : Fri Feb 22 09:32:02 2008

Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.33min
 Max. RRF Dev : 30% Max. Rel. Area : 200%

	Compound	AvgRRF	CCRF	%Dev	Area%	Dev(min)
1 IR	Bromochloromethane (IS1)	1.000	1.000	0.0	121	0.03
2 T	Propene	2.261	2.014	10.9	113	-0.03
3 T	Dichlorodifluoromethane	3.533	3.009	14.8	111	-0.02
4 T	Chloromethane	3.839	3.343	12.9	110	-0.02
5 T	Freon 114	1.253	1.039	17.1	109	-0.02
6 T	Vinyl Chloride	3.016	2.641	12.4	111	-0.02
7 T	1,3-Butadiene	2.709	2.476	8.6	114	-0.02
8 T	Bromomethane	1.274	1.197	6.0	110	-0.01
9 T	Chloroethane	1.364	1.241	9.0	111	-0.01
0 T	Ethanol	1.502	1.469	2.2	120	0.03
1 T	Acetonitrile	4.367	3.764	13.8	114	0.00
2 T	Acrolein	1.192	1.128	5.4	112	0.00
3 T	Acetone	1.818	1.492	17.9	115	0.00
4 T	Trichlorofluoromethane	2.580	2.336	9.5	115	0.00
5 T	Isopropanol	5.455	5.016	8.0	113	0.02
6 T	Acrylonitrile	2.935	2.792	4.9	112	0.03
7 T	1,1-Dichloroethene	1.306	1.172	10.3	110	0.00
8 T	tert-Butanol	5.483	4.897	10.7	114	-0.02
9 T	Methylene Chloride	1.591	1.315	17.3	110	0.01
0 T	Allyl Chloride	2.926	2.810	4.0	114	0.01
1 T	Trichlorotrifluoroethane	1.196	1.086	9.2	112	0.00
2 T	Carbon Disulfide	6.941	5.521	20.5	114	0.00
3 T	trans-1,2-Dichloroethene	2.850	2.607	8.5	112	0.02
4 T	1,1-Dichloroethane	2.877	2.616	9.1	114	0.03
5 T	Methyl tert-Butyl Ether	5.444	4.657	14.5	112	0.00
6 T	Vinyl Acetate	0.219	0.185	15.5	102	-0.02
7 T	2-Butanone	1.002	0.919	8.3	111	0.00
8 T	cis-1,2-Dichloroethene	2.621	2.352	10.3	112	0.03
9 T	Diisopropyl Ether	1.180	1.141	3.3	111	0.02
0 T	Ethyl Acetate	0.649	0.593	8.6	111	0.15
1 T	n-Hexane	3.865	3.355	13.2	112	0.01
2 T	Chloroform	2.194	1.908	13.0	112	0.04
3 S	1,2-Dichloroethane-d4 (SS1)	2.307	2.265	1.8	119	0.02
4 T	Tetrahydrofuran	0.972	0.892	8.2	110	0.00
5 T	Ethyl tert-Butyl Ether	1.970	1.781	9.6	112	0.00
6 T	1,2-Dichloroethane	2.654	2.366	10.9	111	0.02
7 IR	1,4-Difluorobenzene (IS2)	1.000	1.000	0.0	120	0.02
8 T	1,1,1-Trichloroethane	0.600	0.536	10.7	111	0.01
9 T	Isopropyl Acetate	0.243	0.243	0.0	111	0.01
0 T	1-Butanol	0.474	0.451	4.9	114	-0.03
1 T	Benzene	1.274	1.089	14.5	110	0.02
2 T	Carbon Tetrachloride	0.524	0.476	9.2	111	0.03
3 T	Cyclohexane	0.550	0.451	18.0	110	0.02
4 T	tert-Amyl Methyl Ether	1.025	0.910	11.2	110	0.00
5 T	1,2-Dichloropropane	0.378	0.349	7.7	111	0.01
6 T	Bromodichloromethane	0.457	0.413	9.6	110	0.01
7 T	Trichloroethene	0.290	0.272	6.2	110	0.02
8 T	1,4-Dioxane	0.234	0.214	8.5	109	-0.01
9 T	Isooctane	2.027	1.779	12.2	110	0.02
0 T	Methyl Methacrylate	0.137	0.126	8.0	110	-0.01
1 T	n-Heptane	0.334	0.299	10.5	111	0.01

2/29/08

Data Path : J:\MS08\Data\2008_02\29\
 Data File : 02290801.D
 Acq On : 29 Feb 2008 10:09
 Operator : SC
 Sample : 25ng TO-15 CCV STD
 Misc : S20-02290801/S20-01290804
 Vial : 4 Sample Multiplier: 1

Quant Time: Feb 29 10:34:43 2008
 Quant Method : J:\MS08\Methods\R8022108.M
 Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 QLast Update : Fri Feb 22 09:32:02 2008
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.33min
 Max. RRF Dev : 30% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
52 T	cis-1,3-Dichloropropene	0.580	0.518	10.7	112	0.00
53 T	4-Methyl-2-pentanone	0.448	0.394	12.1	109	0.00
54 T	trans-1,3-Dichloropropene	0.536	0.498	7.1	111	0.00
55 T	1,1,2-Trichloroethane	0.295	0.268	9.2	110	0.00
56 I	Chlorobenzene-d5 (IS3)	1.000	1.000	0.0	128	0.00
57 S	Toluene-d8 (SS2)	2.067	1.975	4.5	122	0.00
58 T	Toluene	2.388	1.908	20.1	110	0.00
59 T	2-Hexanone	1.933	1.586	18.0	110	-0.01
60 T	Dibromochloromethane	0.599	0.522	12.9	111	0.00
61 T	1,2-Dibromoethane	0.592	0.507	14.4	111	0.00
62 T	Butyl Acetate	1.949	1.481	24.0	105	0.00
63 T	n-Octane	0.701	0.606	13.6	110	0.00
64 T	Tetrachloroethene	0.612	0.516	15.7	109	0.00
65 T	Chlorobenzene	1.526	1.249	18.2	110	0.00
66 T	Ethylbenzene	2.863	2.297	19.8	109	0.00
67 T	m- & p-Xylene	1.928	1.553	19.5	110	0.00
68 T	Bromoform	0.410	0.368	10.2	111	0.00
69 T	Styrene	1.707	1.424	16.6	110	0.00
70 T	o-Xylene	2.069	1.662	19.7	109	0.00
71 T	n-Nonane	1.729	1.421	17.8	111	0.00
72 T	1,1,2,2-Tetrachloroethane	0.814	0.681	16.3	110	0.00
73 S	Bromofluorobenzene (SS3)	0.723	0.790	-9.3	138	0.00
74 T	Cumene	2.614	2.140	18.1	109	0.00
75 T	alpha-Pinene	1.424	1.199	15.8	109	0.00
76 T	n-Propylbenzene	3.303	2.706	18.1	109	0.00
77 T	3-Ethyltoluene	2.827	2.257	20.2	107	0.00
78 T	4-Ethyltoluene	2.615	2.131	18.5	111	0.00
79 T	1,3,5-Trimethylbenzene	2.363	1.909	19.2	109	0.01
80 T	alpha-Methylstyrene	1.209	1.015	16.0	108	0.00
81 T	2-Ethyltoluene	2.784	2.286	17.9	110	0.00
82 T	1,2,4-Trimethylbenzene	2.354	1.909	18.9	109	0.00
83 T	n-Decane	1.819	1.480	18.6	109	0.00
84 T	Benzyl Chloride	2.094	1.756	16.1	108	0.00
85 T	1,3-Dichlorobenzene	1.253	1.020	18.6	109	0.00
86 T	1,4-Dichlorobenzene	1.222	0.997	18.4	109	0.00
87 T	sec-Butylbenzene	2.928	2.398	18.1	109	0.00
88 T	p-Isopropyltoluene	2.472	2.017	18.4	109	0.00
89 T	1,2,3-Trimethylbenzene	2.306	1.888	18.1	109	0.00
90 T	1,2-Dichlorobenzene	1.152	0.935	18.8	109	0.00
91 T	d-Limonene	0.918	0.775	15.6	108	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.404	0.358	11.4	109	0.00
93 T	n-Undecane	1.897	1.544	18.6	108	0.00
94 T	1,2,4-Trichlorobenzene	0.898	0.750	16.5	106	0.00
95 T	Naphthalene	2.830	2.376	16.0	106	0.00
96 T	n-Dodecane	1.808	1.466	18.9	106	0.00
97 T	Hexachloro-1,3-butadiene	0.525	0.431	17.9	106	0.00

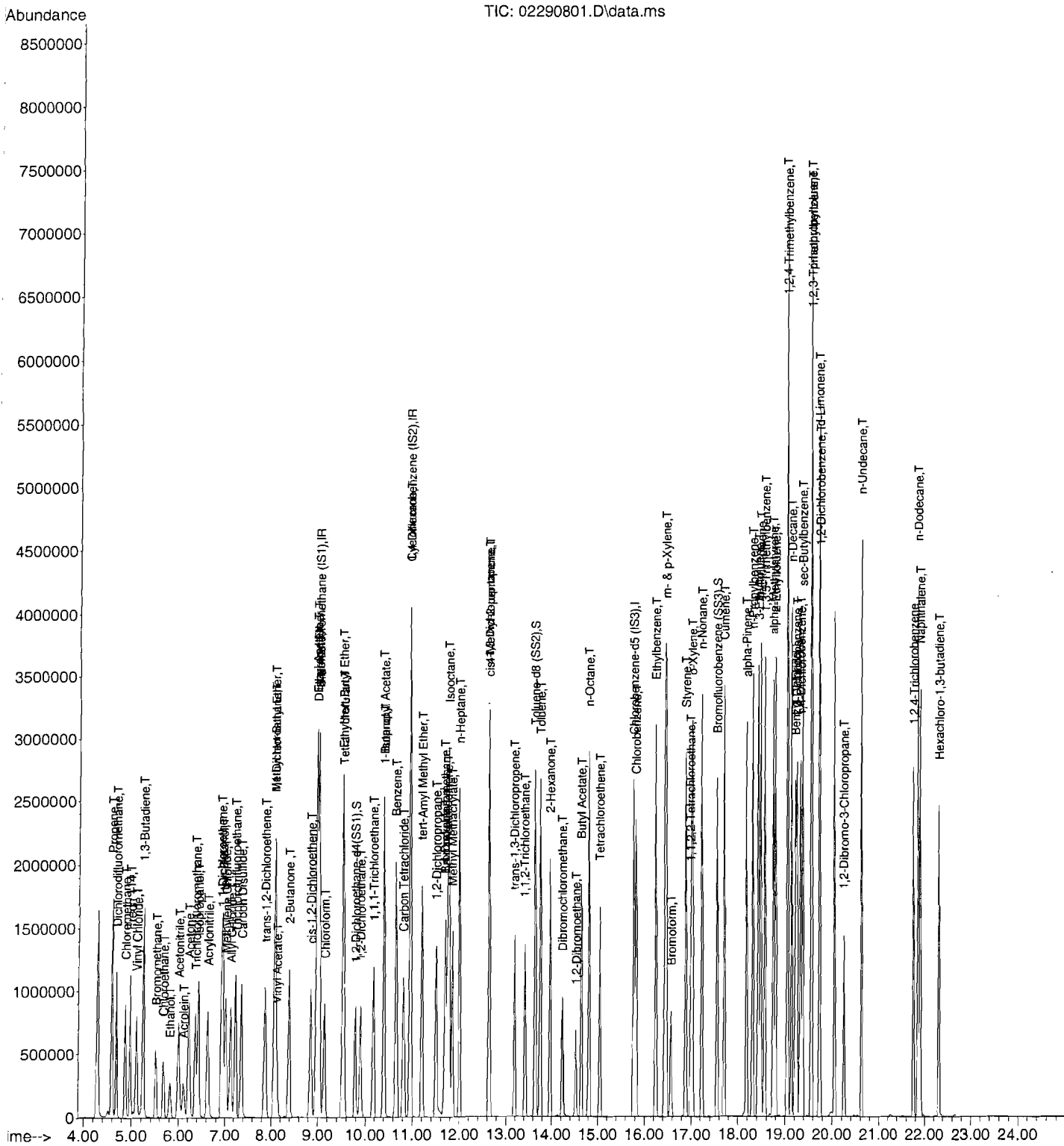
(#) = Out of Range

SPCC's out = 0 CCC's out = 0

2/29/08

Data Path : J:\MS08\Data\2008_02\29\
Data File : 02290801.D
Acq On : 29 Feb 2008 10:09
Operator : SC
Sample : 25ng TO-15 CCV STD
Misc : S20-02290801/S20-0129080
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 29 10:34:43 2008
Quant Method : J:\MS08\Methods\R8022108.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Fri Feb 22 09:32:02 2008
Response via : Initial Calibration



Data Path : J:\MS08\Data\2008_02\29\
 Data File : 02290801.D
 Acq On : 29 Feb 2008 10:09
 Operator : SC
 Sample : 25ng TO-15 CCV STD
 Misc : S20-02290801/S20-01290804
 Vial : 4 Sample Multiplier: 1

Quant Time: Feb 29 10:34:43 2008

Quant Method : J:\MS08\Methods\R8022108.M

Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)

QLast Update : Fri Feb 22 09:32:02 2008

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane (IS1)	9.03	130	375705	25.000	ng	0.03
37) 1,4-Difluorobenzene (IS2)	10.95	114	1779751	25.000	ng	0.02
56) Chlorobenzene-d5 (IS3)	15.78	82	1096255	25.000	ng	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4(...)	9.79	65	851145	24.548	ng	0.02
Spiked Amount	25.000		Recovery	=	98.20%	
57) Toluene-d8 (SS2)	13.64	98	2165203	23.892	ng	0.00
Spiked Amount	25.000		Recovery	=	95.56%	
73) Bromofluorobenzene (SS3)	17.56	174	866439	27.325	ng	0.00
Spiked Amount	25.000		Recovery	=	109.32%	

Target Compounds

						Qvalue
2) Propene	4.59	42	817002	24.040	ng	98
3) Dichlorodifluoromethane	4.68	85	1175663	22.145	ng	98
4) Chloromethane	4.87	50	1281050	22.205	ng	100
5) Freon 114	4.98	135	418663	22.229	ng	99
6) Vinyl Chloride	5.11	62	1024176	22.593	ng	96
7) 1,3-Butadiene	5.24	54	1016025	24.953	ng	89
8) Bromomethane	5.52	94	472970	24.706	ng	96
9) Chloroethane	5.68	64	490514	23.937	ng	95
10) Ethanol	5.81	45	503254	22.289	ng	100
11) Acetonitrile	6.00	41	1385824	21.118	ng	97
12) Acrolein	6.11	56	406993	22.713	ng	97
13) Acetone	6.22	58	623443	22.820	ng	99
14) Trichlorofluoromethane	6.37	101	912882	23.548	ng	99
15) Isopropanol	6.43	45	1944732	23.721	ng	99
16) Acrylonitrile	6.63	53	1061497	24.063	ng	98
17) 1,1-Dichloroethene	6.93	96	498586	25.410	ng	# 46
18) tert-Butanol	6.96	59	1876705	22.775	ng	98
19) Methylene Chloride	7.03	84	553267	23.135	ng	# 39
20) Allyl Chloride	7.14	41	1110756	25.259	ng	84
21) Trichlorotrifluoroethane	7.24	151	464981	25.864	ng	95
22) Carbon Disulfide	7.37	76	2074351	19.886	ng	99
23) trans-1,2-Dichloroethene	7.87	61	1077404	25.153	ng	79
24) 1,1-Dichloroethane	8.07	63	1093072	25.280	ng	96
25) Methyl tert-Butyl Ether	8.07	73	1945821	23.782	ng	90
26) Vinyl Acetate	8.12	86	68259	20.781	ng	# 1
27) 2-Butanone	8.39	72	386693	25.685	ng	# 28
28) cis-1,2-Dichloroethene	8.85	61	982452	24.946	ng	# 76
29) Diisopropyl Ether	8.98	87	442274	24.932	ng	# 5
30) Ethyl Acetate	8.97	61	283474	29.065	ng	84
31) n-Hexane	9.03	57	1411852	24.310	ng	93
32) Chloroform	9.14	83	925961	28.081	ng	99
34) Tetrahydrofuran	9.54	72	372706	25.525	ng	# 52
35) Ethyl tert-Butyl Ether	9.52	87	703784	23.776	ng	# 65
36) 1,2-Dichloroethane	9.90	62	977838	24.515	ng	98
38) 1,1,1-Trichloroethane	10.18	97	1048932	24.550	ng	97
39) Isopropyl Acetate	10.40	61	437492	25.295	ng	# 73
40) 1-Butanol	10.41	56	732378	21.706	ng	92
41) Benzene	10.66	78	2131064	23.490	ng	98
42) Carbon Tetrachloride	10.82	117	908842	24.383	ng	100
43) Cyclohexane	10.95	84	893281	22.831	ng	# 68
44) tert-Amyl Methyl Ether	11.21	73	1685109	23.097	ng	87
45) 1,2-Dichloropropane	11.51	63	679206	25.246	ng	96
46) Bromodichloromethane	11.69	83	846476	26.013	ng	100

2/29/08

Data Path : J:\MS08\Data\2008_02\29\
 Data File : 02290801.D
 Acq On : 29 Feb 2008 10:09
 Operator : SC
 Sample : 25ng TO-15 CCV STD
 Misc : S20-02290801/S20-01290804
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 29 10:34:43 2008

Quant Method : J:\MS08\Methods\R8022108.M

Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)

QLast Update : Fri Feb 22 09:32:02 2008

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) Trichloroethene	11.74	130	552559	26.727	ng	98
48) 1,4-Dioxane	11.69	88	438329	26.368	ng #	68
49) Isooctane	11.78	57	3292517	22.822	ng	98
50) Methyl Methacrylate	11.85	100	236784	24.275	ng #	76
51) n-Heptane	12.01	71	591488	24.903	ng #	64
52) cis-1,3-Dichloropropene	12.64	75	958928	23.224	ng	99
53) 4-Methyl-2-pentanone	12.64	58	737130	23.092	ng	89
54) trans-1,3-Dichloropropene	13.19	75	1028467	26.944	ng	99
55) 1,1,2-Trichloroethane	13.42	97	520376	24.750	ng	99
58) Toluene	13.76	91	2300418	21.968	ng	98
59) 2-Hexanone	13.97	43	1773067	20.921	ng	100
60) Dibromochloromethane	14.23	129	636746	24.233	ng	100
61) 1,2-Dibromoethane	14.53	107	606696	23.377	ng	100
62) Butyl Acetate	14.65	43	1708203	19.990	ng	93
63) n-Octane	14.81	57	690973	22.485	ng	95
64) Tetrachloroethene	15.05	166	618077	23.034	ng	100
65) Chlorobenzene	15.83	112	1505923	22.504	ng	98
66) Ethylbenzene	16.25	91	2719110	21.660	ng	98
67) m- & p-Xylene	16.46	91	4391652	51.933	ng	97
68) Bromoform	16.57	173	528590	29.398	ng	99
69) Styrene	16.88	104	1685805	22.526	ng	96
70) o-Xylene	17.02	91	2222521	24.503	ng	97
71) n-Nonane	17.23	43	1607263	21.203	ng	95
72) 1,1,2,2-Tetrachloroethane	16.99	83	919927	25.780	ng	98
74) Cumene	17.71	105	2533177	22.100	ng	100
75) alpha-Pinene	18.18	93	1393056	22.316	ng	97
76) n-Propylbenzene	18.31	91	3120187	21.540	ng	98
77) 3-Ethyltoluene	18.43	105	2523661	20.360	ng	100
78) 4-Ethyltoluene	18.48	105	2597630	22.656	ng	100
79) 1,3,5-Trimethylbenzene	18.57	105	2260114	21.808	ng	100
80) alpha-Methylstyrene	18.75	118	1134800	21.401	ng	96
81) 2-Ethyltoluene	18.80	105	2486174	20.365	ng	100
82) 1,2,4-Trimethylbenzene	19.06	105	2302242	22.306	ng	99
83) n-Decane	19.14	57	1687708	21.161	ng	83
84) Benzyl Chloride	19.22	91	2063787	22.473	ng	96
85) 1,3-Dichlorobenzene	19.25	146	1185226	21.579	ng	99
86) 1,4-Dichlorobenzene	19.33	146	1201840	22.422	ng	99
87) sec-Butylbenzene	19.37	105	2817733	21.943	ng	98
88) p-Isopropyltoluene	19.56	119	2609156	24.068	ng	94
89) 1,2,3-Trimethylbenzene	19.57	105	2276554	22.510	ng	96
90) 1,2-Dichlorobenzene	19.74	146	1107464	21.923	ng	99
91) d-Limonene	19.73	68	900225	22.362	ng	95
92) 1,2-Dibromo-3-Chloropr...	20.25	157	407703	23.036	ng	86
93) n-Undecane	20.63	57	1780489	21.400	ng	77
94) 1,2,4-Trichlorobenzene	21.76	180	920832	23.374	ng	100
95) Naphthalene	21.90	128	2739682	22.080	ng	100
96) n-Dodecane	21.86	57	1703332	21.486	ng	81
97) Hexachloro-1,3-butadiene	22.32	225	525987	22.869	ng	100

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

2/29/08

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Page 1 of 1

Client: **Walden Environmental Engineering, PLLC**
 Client Project ID: **Bayville Village Cleaners / BVC0106**

CAS Project ID: P0800448

Internal Standard Area and RT Summary

Test Code: EPA TO-15

Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8

Lab File ID: 02280801.D

Analyst: Simon Cao

Date Analyzed: 2/28/2008

Sampling Media: 6.0 L Summa Canister(s)

Time Analyzed: 10:27

Test Notes:

	IS1 (BCM)		IS2 (DFB)		IS3 (CBZ)	
	AREA	#	RT	#	AREA	#
24 Hour Standard	368107		9.02		1760574	
Upper Limit	515350		9.35		2464804	
Lower Limit	220864		8.69		1056344	

Client Sample ID		IS1 (BCM)		IS2 (DFB)		IS3 (CBZ)	
		AREA	#	RT	#	AREA	#
01	Method Blank	359638		8.99		1759722	
02	Lab Control Sample	361076		9.02		1730384	
03	I-1	363984		9.00		1759452	
04	SS-1 (Dilution)	375395		8.99		1791231	
05	SV-1 (Dilution)	352594		9.00		1682063	
06	SV-2 (Dilution)	347807		8.99		1666322	
07	SV-3 (Dilution)	346611		9.00		1645388	
08	SV-5 (Dilution)	343015		8.99		1635759	
09	O-1	321257		9.00		1568181	
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

IS1 (BCM) = Bromochloromethane

IS2 (DFB) = 1,4-Difluorobenzene

IS3 (CBZ) = Chlorobenzene-d5

AREA UPPER LIMIT = 140% of internal standard area

AREA LOWER LIMIT = 60% of internal standard area

RT UPPER LIMIT = 0.33 minutes of internal standard RT

RT LOWER LIMIT = 0.33 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

Verified By: ReDate: 3/1/08

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Page 1 of 1

Client: **Walden Environmental Engineering, PLLC**
Client Project ID: **Bayville Village Cleaners / BVC0106**

CAS Project ID: P0800448

Internal Standard Area and RT Summary

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Simon Cao
Sampling Media: 6.0 L Summa Canister(s)
Test Notes:

Lab File ID: 02290801.D
Date Analyzed: 2/29/2008
Time Analyzed: 10:09

	IS1 (BCM)		IS2 (DFB)		IS3 (CBZ)	
	AREA	# RT	AREA	# RT	AREA	# RT
24 Hour Standard	375705	9.03	1779751	10.95	1096255	15.78
Upper Limit	525987	9.36	2491651	11.28	1534757	16.11
Lower Limit	225423	8.70	1067851	10.62	657753	15.45

Client Sample ID		IS1 (BCM)		IS2 (DFB)		IS3 (CBZ)	
		AREA	# RT	AREA	# RT	AREA	# RT
01	Method Blank	315193	8.99	1524651	10.93	860773	15.76
02	Lab Control Sample	309539	9.02	1489835	10.95	846757	15.78
03	SS-1	312661	8.99	1495349	10.94	846986	15.77
04	SV-1	306737	9.00	1464082	10.94	861582	15.77
05	SV-2	307114	9.00	1477077	10.94	872072	15.77
06	SV-3	308202	9.01	1478612	10.94	878941	15.77
07	SV-4	307033	9.00	1495457	10.94	850297	15.77
08	SV-5	301685	9.01	1476263	10.94	857476	15.77
09							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

IS1 (BCM) = Bromochloromethane

IS2 (DFB) = 1,4-Difluorobenzene

IS3 (CBZ) = Chlorobenzene-d5

AREA UPPER LIMIT = 140% of internal standard area

AREA LOWER LIMIT = 60% of internal standard area

RT UPPER LIMIT = 0.33 minutes of internal standard RT

RT LOWER LIMIT = 0.33 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

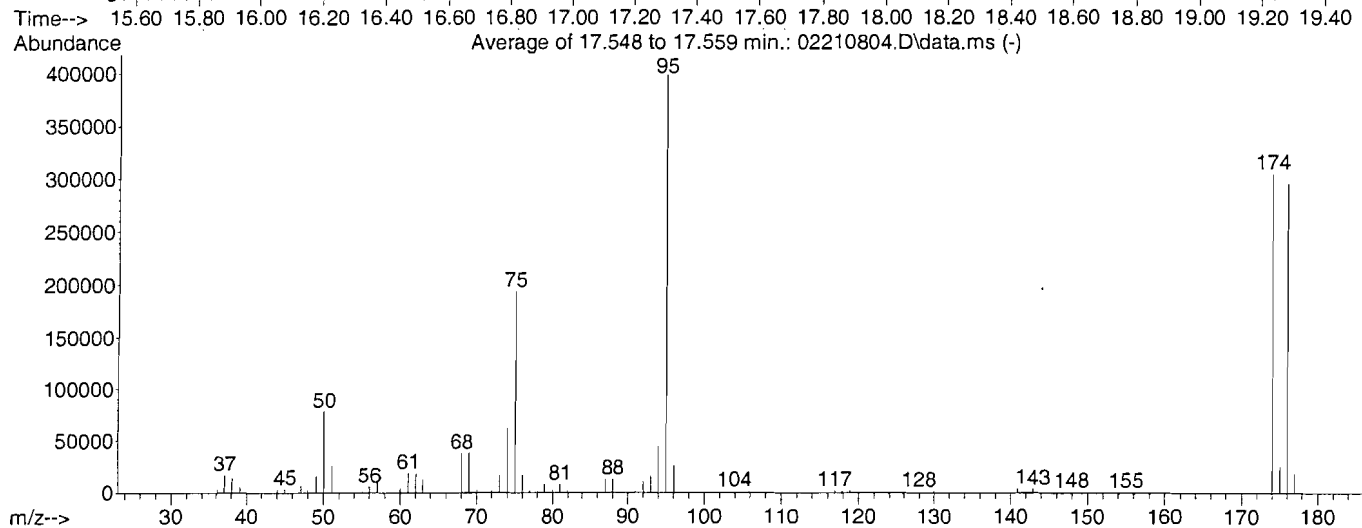
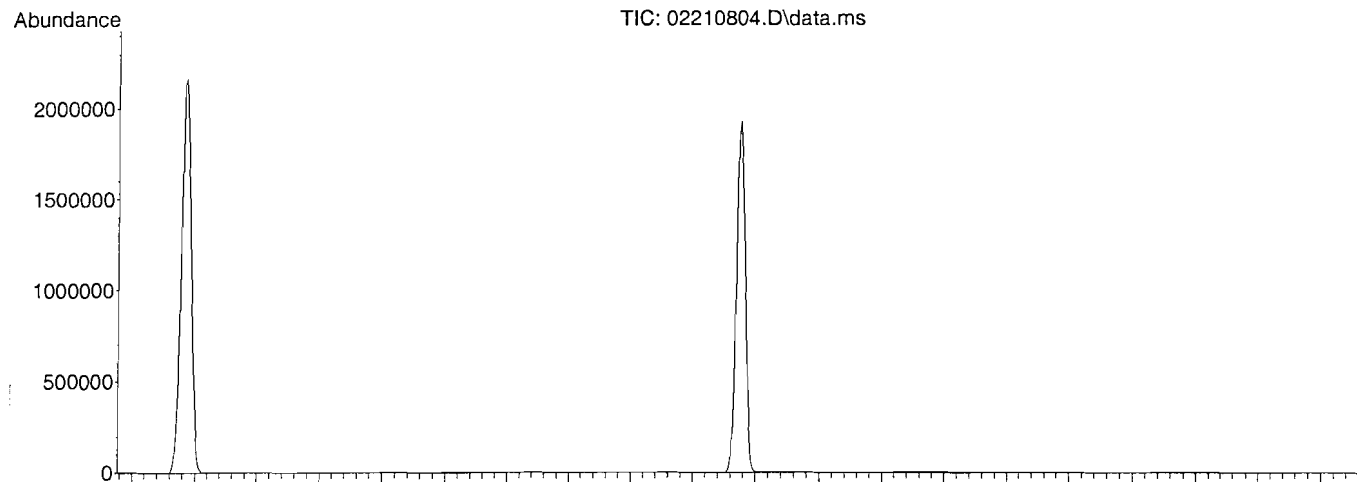
Verified By: Re Date: 3/1/08

Raw QC Data

Data Path : J:\MS08\Data\2008_02\21\
Data File : 02210804.D
Acq On : 21 Feb 2008 13:25
Operator : SC
Sample : 25ng BFB STD
Misc : S20-01280801
ALS Vial : 1 Sample Multiplier: 1

Integration File: RTEINT.P

Method : J:\MS08\Methods\R8022108.M
Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
Last Update : Wed Jan 09 10:28:23 2008



AutoFind: Scans 2491, 2492, 2493; Background Corrected with Scan 2481

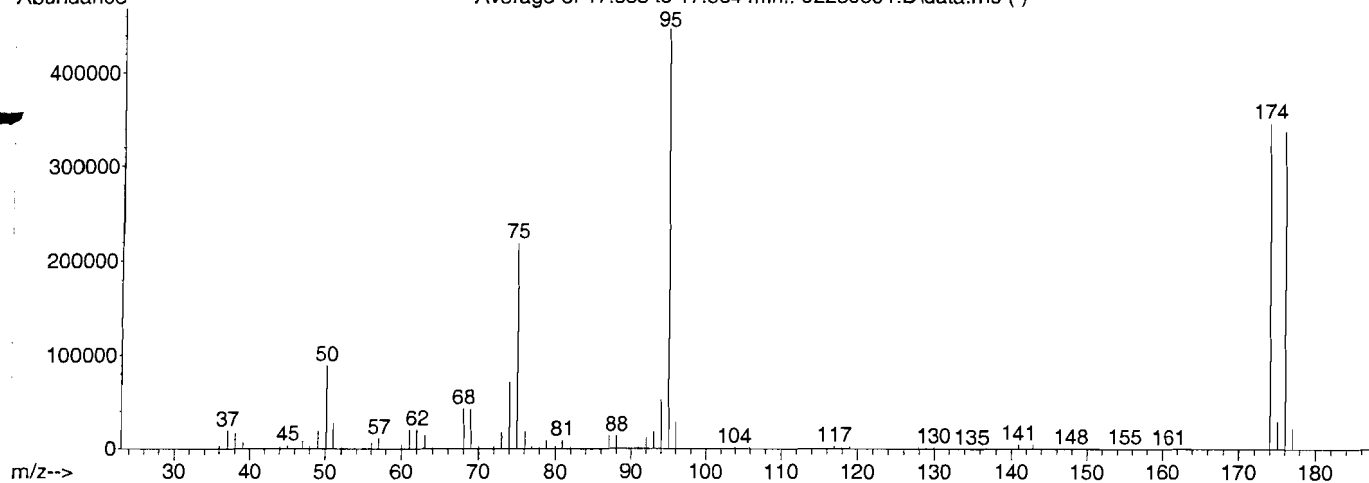
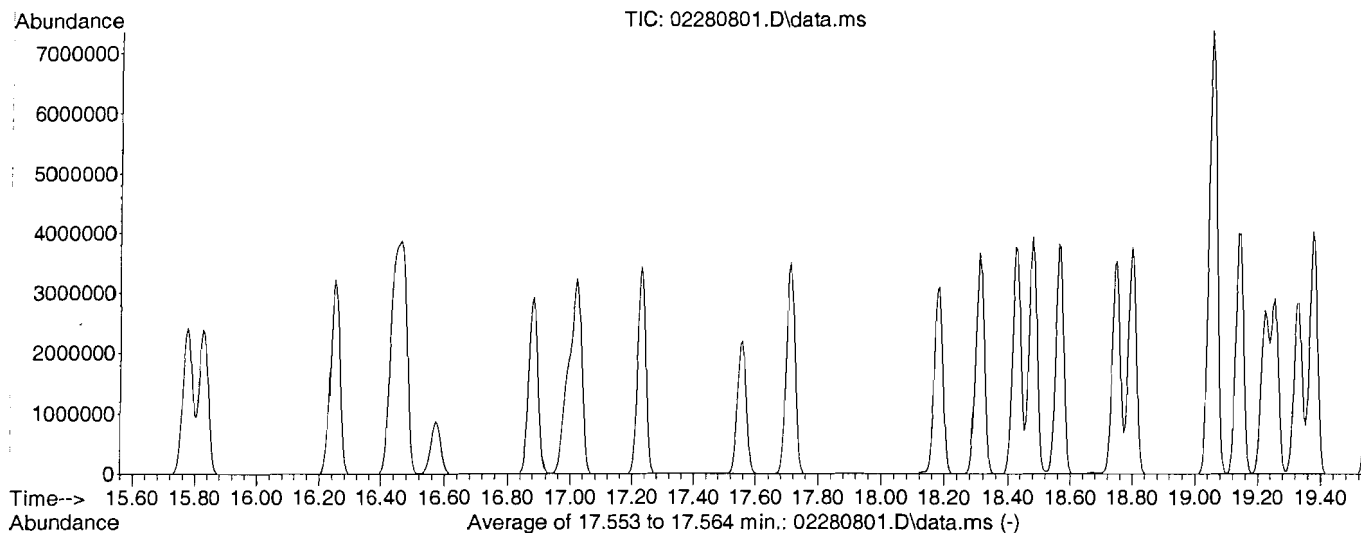
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	40	19.6	77912	PASS
75	95	30	66	48.5	193216	PASS
95	95	100	100	100.0	398336	PASS
96	95	5	9	6.4	25368	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	120	76.4	304384	PASS
175	174	4	9	8.3	25240	PASS
176	174	93	101	96.9	294933	PASS
177	176	5	9	6.4	18816	PASS

2/22/08

Data Path : J:\MS08\Data\2008_02\28\
 Data File : 02280801.D
 Acq On : 28 Feb 2008 10:27
 Operator : SC
 Sample : 25ng TO-15 CCV STD
 Misc : S20-01280801/S20-01290804
 S Vial : 4 Sample Multiplier: 1

Integration File: RTEINT.P

Method : J:\MS08\Methods\R8022108.M
 Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 Last Update : Fri Feb 22 09:32:02 2008



AutoFind: Scans 2492, 2493, 2494; Background Corrected with Scan 2481

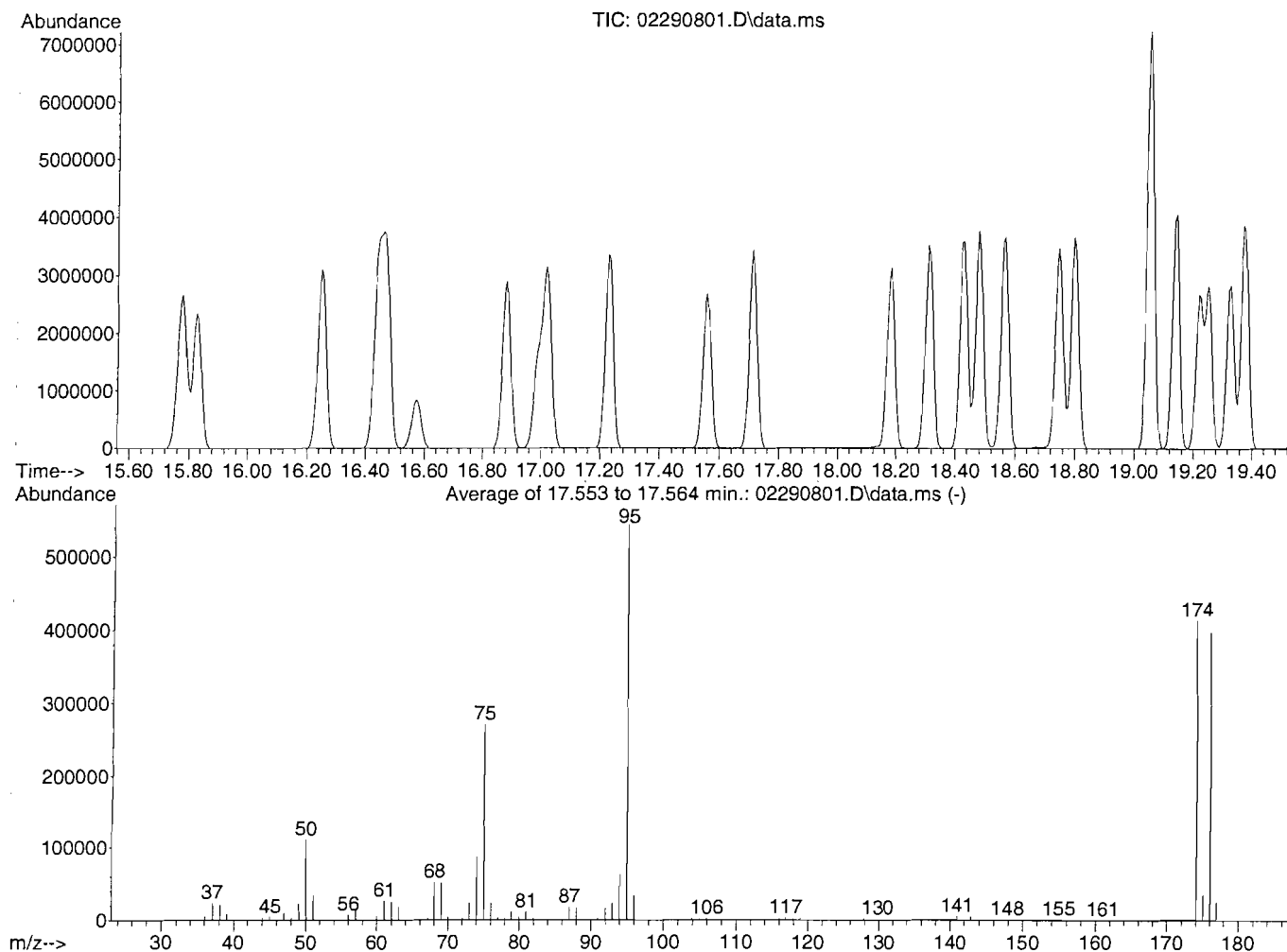
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	40	19.9	88701	PASS
75	95	30	66	48.9	218389	PASS
95	95	100	100	100.0	446528	PASS
96	95	5	9	6.5	29112	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	120	77.4	345792	PASS
175	174	4	9	8.5	29373	PASS
176	174	93	101	97.3	336469	PASS
177	176	5	9	6.5	21853	PASS

Handwritten signature/initials

Data Path : J:\MS08\Data\2008_02\29\
 Data File : 02290801.D
 Acq On : 29 Feb 2008 10:09
 Operator : SC
 Sample : 25ng TO-15 CCV STD
 Misc : S20-02290801/S20-01290804
 ALS Vial : 4 Sample Multiplier: 1

Integration File: RTEINT.P

Method : J:\MS08\Methods\R8022108.M
 Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 Last Update : Fri Feb 22 09:32:02 2008



AutoFind: Scans 2492, 2493, 2494; Background Corrected with Scan 2481

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	40	20.4	111075	PASS
75	95	30	66	49.9	271061	PASS
95	95	100	100	100.0	543275	PASS
96	95	5	9	6.2	33528	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	120	76.2	414101	PASS
175	174	4	9	8.3	34251	PASS
176	174	93	101	96.0	397717	PASS
177	176	5	9	6.4	25504	PASS

2/29/08

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Page 1 of 3

Client: **Walden Environmental Engineering, PLLC**
 Client Sample ID: **Method Blank**
 Client Project ID: **Bayville Village Cleaners / BVC0106**

CAS Project ID: P0800448
 CAS Sample ID: P080228-MB

Test Code: EPA TO-15
 Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
 Analyst: Simon Cao
 Sampling Media: 6.0 L Summa Canister
 Test Notes:

Date Collected: NA
 Date Received: NA
 Date Analyzed: 2/28/08
 Volume(s) Analyzed: 1.00 Liter(s)

Canister Dilution Factor: 1.00

CAS #	Compound	Result $\mu\text{g}/\text{m}^3$	MRL $\mu\text{g}/\text{m}^3$	Result ppbV	MRL ppbV	Data Qualifier
115-07-1	Propene	ND	0.50	ND	0.29	
75-71-8	Dichlorodifluoromethane (CFC 12)	ND	0.50	ND	0.10	
74-87-3	Chloromethane	ND	0.50	ND	0.24	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	ND	0.50	ND	0.072	
75-01-4	Vinyl Chloride	ND	0.50	ND	0.20	
106-99-0	1,3-Butadiene	ND	0.50	ND	0.23	
75-00-3	Bromomethane	ND	0.50	ND	0.13	
75-00-3	Chloroethane	ND	0.50	ND	0.19	
64-17-5	Ethanol	ND	5.0	ND	2.7	
75-05-8	Acetonitrile	ND	0.50	ND	0.30	
107-02-8	Acrolein	ND	0.50	ND	0.22	
67-64-1	Acetone	ND	5.0	ND	2.1	
75-69-4	Trichlorofluoromethane	ND	0.50	ND	0.089	
67-63-0	2-Propanol (Isopropyl Alcohol)	ND	0.50	ND	0.20	
107-13-1	Acrylonitrile	ND	0.50	ND	0.23	
75-35-4	1,1-Dichloroethene	ND	0.50	ND	0.13	
75-09-2	Methylene Chloride	ND	0.50	ND	0.14	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	ND	0.50	ND	0.16	
76-13-1	Trichlorotrifluoroethane	ND	0.50	ND	0.065	
75-15-0	Carbon Disulfide	ND	0.50	ND	0.16	
156-60-5	trans-1,2-Dichloroethene	ND	0.50	ND	0.13	
75-34-3	1,1-Dichloroethane	ND	0.50	ND	0.12	
1634-04-4	Methyl tert-Butyl Ether	ND	0.50	ND	0.14	
108-05-4	Vinyl Acetate	ND	5.0	ND	1.4	
78-93-3	2-Butanone (MEK)	ND	0.50	ND	0.17	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: Re Date: 3/1/08

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Page 2 of 3

Client: Walden Environmental Engineering, PLLC

Client Sample ID: Method Blank

Client Project ID: Bayville Village Cleaners / BVC0106

CAS Project ID: P0800448

CAS Sample ID: P080228-MB

Test Code: EPA TO-15

Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8

Analyst: Simon Cao

Sampling Media: 6.0 L Summa Canister

Test Notes:

Date Collected: NA

Date Received: NA

Date Analyzed: 2/28/08

Volume(s) Analyzed: 1.00 Liter(s)

Canister Dilution Factor: 1.00

CAS #	Compound	Result $\mu\text{g}/\text{m}^3$	MRL $\mu\text{g}/\text{m}^3$	Result ppbV	MRL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	ND	0.50	ND	0.13	
141-78-6	Ethyl Acetate	ND	0.50	ND	0.14	
110-54-3	n-Hexane	ND	0.50	ND	0.14	
67-66-3	Chloroform	ND	0.50	ND	0.10	
109-99-9	Tetrahydrofuran (THF)	ND	0.50	ND	0.17	
107-06-2	1,2-Dichloroethane	ND	0.50	ND	0.12	
71-55-6	1,1,1-Trichloroethane	ND	0.50	ND	0.092	
71-43-2	Benzene	ND	0.50	ND	0.16	
56-23-5	Carbon Tetrachloride	ND	0.50	ND	0.080	
110-82-7	Cyclohexane	ND	0.50	ND	0.15	
78-87-5	1,2-Dichloropropane	ND	0.50	ND	0.11	
75-27-4	Bromodichloromethane	ND	0.50	ND	0.075	
79-01-6	Trichloroethene	ND	0.50	ND	0.093	
123-91-1	1,4-Dioxane	ND	0.50	ND	0.14	
80-62-6	Methyl Methacrylate	ND	0.50	ND	0.12	
142-82-5	n-Heptane	ND	0.50	ND	0.12	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ND	0.11	
108-10-1	4-Methyl-2-pentanone	ND	0.50	ND	0.12	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ND	0.11	
79-00-5	1,1,2-Trichloroethane	ND	0.50	ND	0.092	
108-88-3	Toluene	ND	0.50	ND	0.13	
591-78-6	2-Hexanone	ND	0.50	ND	0.12	
124-48-1	Dibromochloromethane	ND	0.50	ND	0.059	
106-93-4	1,2-Dibromoethane	ND	0.50	ND	0.065	
123-86-4	n-Butyl Acetate	ND	0.50	ND	0.11	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: ReoDate: 3/11/08

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COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Page 3 of 3

Client: **Walden Environmental Engineering, PLLC**
 Client Sample ID: **Method Blank**
 Client Project ID: **Bayville Village Cleaners / BVC0106**

CAS Project ID: P0800448
 CAS Sample ID: P080228-MB

Test Code: EPA TO-15
 Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
 Analyst: Simon Cao
 Sampling Media: 6.0 L Summa Canister
 Test Notes:

Date Collected: NA
 Date Received: NA
 Date Analyzed: 2/28/08
 Volume(s) Analyzed: 1.00 Liter(s)

Canister Dilution Factor: 1.00

CAS #	Compound	Result $\mu\text{g}/\text{m}^3$	MRL $\mu\text{g}/\text{m}^3$	Result ppbV	MRL ppbV	Data Qualifier
111-65-9	n-Octane	ND	0.50	ND	0.11	
127-18-4	Tetrachloroethene	ND	0.50	ND	0.074	
108-90-7	Chlorobenzene	ND	0.50	ND	0.11	
100-41-4	Ethylbenzene	ND	0.50	ND	0.12	
179601-23-1	m,p-Xylenes	ND	1.0	ND	0.23	
75-25-2	Bromoform	ND	0.50	ND	0.048	
42-5	Styrene	ND	0.50	ND	0.12	
95-47-6	o-Xylene	ND	0.50	ND	0.12	
111-84-2	n-Nonane	ND	0.50	ND	0.095	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	ND	0.073	
98-82-8	Cumene	ND	0.50	ND	0.10	
80-56-8	alpha-Pinene	ND	0.50	ND	0.090	
103-65-1	n-Propylbenzene	ND	0.50	ND	0.10	
622-96-8	4-Ethyltoluene	ND	0.50	ND	0.10	
108-67-8	1,3,5-Trimethylbenzene	ND	0.50	ND	0.10	
95-63-6	1,2,4-Trimethylbenzene	ND	0.50	ND	0.10	
100-44-7	Benzyl Chloride	ND	0.50	ND	0.097	
541-73-1	1,3-Dichlorobenzene	ND	0.50	ND	0.083	
106-46-7	1,4-Dichlorobenzene	ND	0.50	ND	0.083	
95-50-1	1,2-Dichlorobenzene	ND	0.50	ND	0.083	
5989-27-5	d-Limonene	ND	0.50	ND	0.090	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.50	ND	0.052	
120-82-1	1,2,4-Trichlorobenzene	ND	0.50	ND	0.067	
91-20-3	Naphthalene	ND	0.50	ND	0.095	
87-68-3	Hexachlorobutadiene	ND	0.50	ND	0.047	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

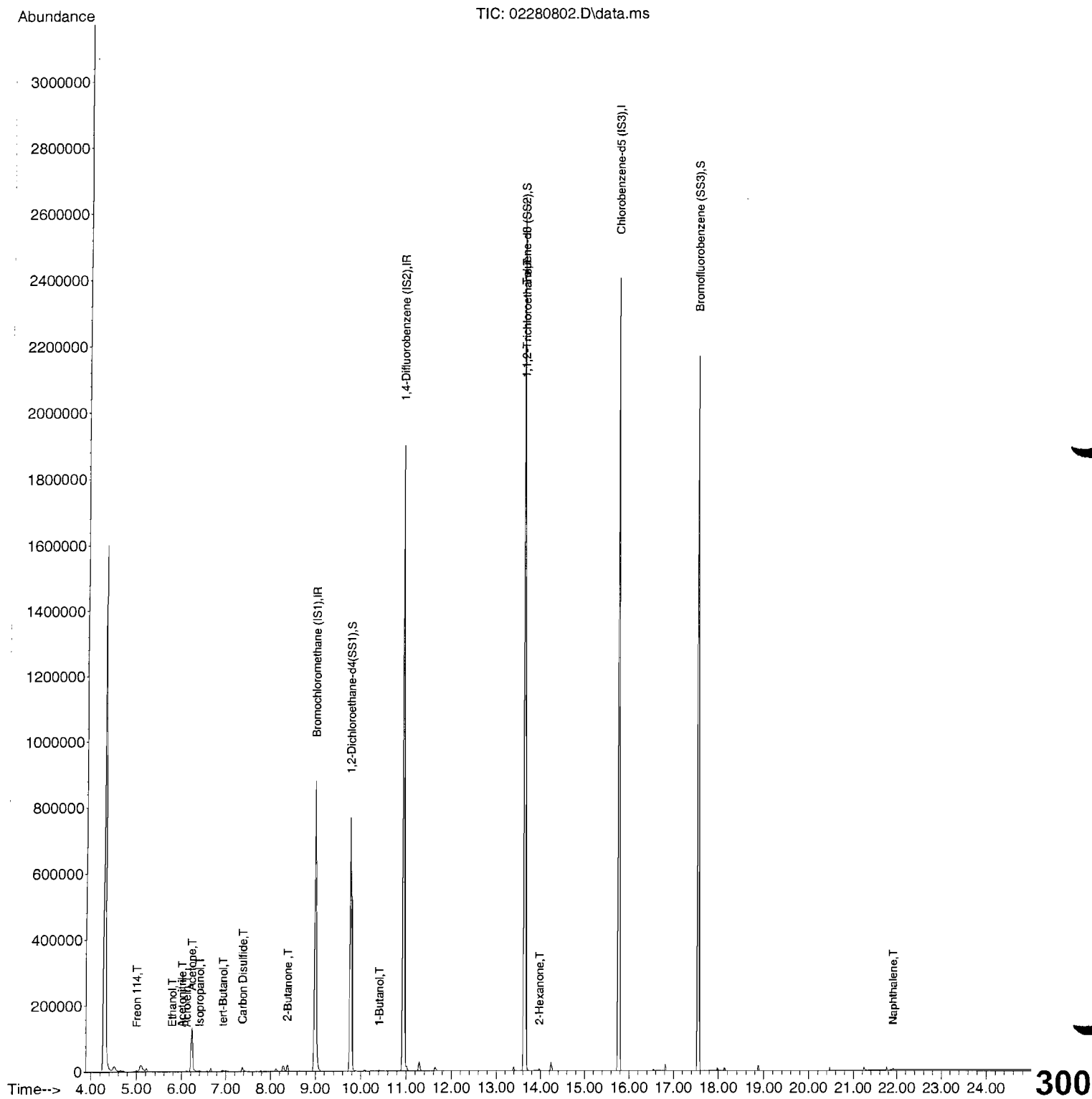
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: Rc Date: 3/11/08

Data Path : J:\MS08\Data\2008_02\28\
Data File : 02280802.D
Acq On : 28 Feb 2008 11:09
Operator : SC
Sample : CAS CAN QC5 2/27/08 (1000ml)
Misc : AC01458
ALS Vial : 6 Sample Multiplier: 1

148 2/28/08

Quant Time: Feb 28 11:36:57 2008
Quant Method : J:\MS08\Methods\R8022108.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Fri Feb 22 09:32:02 2008
Response via : Initial Calibration



Data Path : J:\MS08\Data\2008_02\28\
 Data File : 02280802.D
 Acq On : 28 Feb 2008 11:09
 Operator : SC
 Sample : CAS CAN QC5 2/27/08 (1000ml)
 Misc : AC01458
 Vial : 6 Sample Multiplier: 1

ML 2/28/08

Quant Time: Feb 28 11:36:57 2008

Quant Method : J:\MS08\Methods\R8022108.M

Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)

QLast Update : Fri Feb 22 09:32:02 2008

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane (IS1)	8.99	130	359638	25.000	ng	0.00
37) 1,4-Difluorobenzene (IS2)	10.94	114	1759722	25.000	ng	0.00
56) Chlorobenzene-d5 (IS3)	15.77	82	993934	25.000	ng	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4(...)	9.77	65	729187	21.970	ng	0.00
Spiked Amount	25.000		Recovery	=	87.88%	
57) Toluene-d8 (SS2)	13.64	98	2056415	25.028	ng	0.00
Spiked Amount	25.000		Recovery	=	100.12%	
73) Bromofluorobenzene (SS3)	17.55	174	712556	24.785	ng	0.00
Spiked Amount	25.000		Recovery	=	99.16%	

Target Compounds

						Qvalue
2) Propene	4.63	42	269	N.D.		
3) Dichlorodifluoromethane	4.71	85	2086	N.D.		
4) Chloromethane	0.00	50	0	N.D.		
5) Freon 114	5.01	135	1509	0.084 ng	#	42
6) Vinyl Chloride	0.00	62	0	N.D.		
7) 1,3-Butadiene	0.00	54	0	N.D.		
8) Bromomethane	0.00	94	0	N.D.		
9) Chloroethane	0.00	64	0	N.D.		
10) Ethanol	5.77	45	6105	0.282 ng		68
11) Acetonitrile	6.00	41	3691	0.059 ng		79
12) Acrolein	6.10	56	3107	0.181 ng		83
13) Acetone	6.21	58	57545	2.200 ng		95
14) Trichlorofluoromethane	6.37	101	1682	N.D.		
15) Isopropanol	6.39	45	7761	0.099 ng	#	61
16) Acrylonitrile	0.00	53	0	N.D.		
17) 1,1-Dichloroethene	0.00	96	0	N.D.		
18) tert-Butanol	6.93	59	15614	0.198 ng	#	70
19) Methylene Chloride	7.00	84	753	N.D.		
20) Allyl Chloride	0.00	41	0	N.D.		
21) Trichlorotrifluoroethane	0.00	151	0	N.D.		
22) Carbon Disulfide	7.37	76	30297	0.303 ng		85
23) trans-1,2-Dichloroethene	0.00	61	0	N.D.		
24) 1,1-Dichloroethane	8.05	63	716	N.D.		
25) Methyl tert-Butyl Ether	0.00	73	0	N.D.		
26) Vinyl Acetate	0.00	86	0	N.D.		
27) 2-Butanone	8.37	72	7119	0.494 ng	#	38
28) cis-1,2-Dichloroethene	0.00	61	0	N.D.		
29) Diisopropyl Ether	0.00	87	0	N.D.		
30) Ethyl Acetate	0.00	61	0	N.D.		
31) n-Hexane	0.00	57	0	N.D.		
32) Chloroform	0.00	83	0	N.D.		
34) Tetrahydrofuran	0.00	72	0	N.D.		
35) Ethyl tert-Butyl Ether	0.00	87	0	N.D.		
36) 1,2-Dichloroethane	0.00	62	0	N.D.		
38) 1,1,1-Trichloroethane	0.00	97	0	N.D.		
39) Isopropyl Acetate	0.00	61	0	N.D.		
40) 1-Butanol	10.42	56	2521	0.076 ng		96
41) Benzene	0.00	78	0	N.D.		
42) Carbon Tetrachloride	0.00	117	0	N.D.		
43) Cyclohexane	10.94	84	1023	N.D.		
44) tert-Amyl Methyl Ether	0.00	73	0	N.D.		
45) 1,2-Dichloropropane	0.00	63	0	N.D.		
46) Bromodichloromethane	0.00	83	0	N.D.		

2/28/08

Data Path : J:\MS08\Data\2008_02\28\
 Data File : 02280802.D
 Acq On : 28 Feb 2008 11:09
 Operator : SC
 Sample : CAS CAN QC5 2/27/08 (1000ml)
 Misc : AC01458
 ALS Vial : 6 Sample Multiplier: 1

MB 2/28/08

Quant Time: Feb 28 11:36:57 2008

Quant Method : J:\MS08\Methods\R8022108.M

Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)

QLast Update : Fri Feb 22 09:32:02 2008

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) Trichloroethene	0.00	130	0	N.D.		
48) 1,4-Dioxane	0.00	88	0	N.D.		
49) Isooctane	0.00	57	0	N.D.		
50) Methyl Methacrylate	0.00	100	0	N.D.		
51) n-Heptane	0.00	71	0	N.D.		
52) cis-1,3-Dichloropropene	0.00	75	0	N.D.		
53) 4-Methyl-2-pentanone	12.64	58	262	N.D.		
54) trans-1,3-Dichloropropene	0.00	75	0	N.D.		
55) 1,1,2-Trichloroethane	13.65	97	181202	8.717 ng	#R	6
58) Toluene	0.00	91	0	N.D.		
59) 2-Hexanone	13.97	43	7403	0.096 ng		89
60) Dibromochloromethane	0.00	129	0	N.D.		
61) 1,2-Dibromoethane	0.00	107	0	N.D.		
62) Butyl Acetate	0.00	43	0	N.D.		
63) n-Octane	0.00	57	0	N.D.		
64) Tetrachloroethene	0.00	166	0	N.D.		
65) Chlorobenzene	0.00	112	0	N.D.		
66) Ethylbenzene	0.00	91	0	N.D.		
67) m- & p-Xylene	0.00	91	0	N.D.		
68) Bromoform	0.00	173	0	N.D.		
69) Styrene	0.00	104	0	N.D.		
70) o-Xylene	0.00	91	0	N.D.		
71) n-Nonane	0.00	43	0	N.D.		
72) 1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.		
74) Cumene	17.55	105	899	N.D.		
75) alpha-Pinene	0.00	93	0	N.D.		
76) n-Propylbenzene	0.00	91	0	N.D.		
77) 3-Ethyltoluene	18.13	105	5038	N.D.		
78) 4-Ethyltoluene	18.13	105	5038	N.D.		
79) 1,3,5-Trimethylbenzene	0.00	105	0	N.D.		
80) alpha-Methylstyrene	0.00	118	0	N.D.		
81) 2-Ethyltoluene	0.00	105	0	N.D.		
82) 1,2,4-Trimethylbenzene	0.00	105	0	N.D.		
83) n-Decane	19.38	57	1376	N.D.		
84) Benzyl Chloride	19.22	91	277	N.D.		
85) 1,3-Dichlorobenzene	0.00	146	0	N.D.		
86) 1,4-Dichlorobenzene	0.00	146	0	N.D.		
87) sec-Butylbenzene	0.00	105	0	N.D.		
88) p-Isopropyltoluene	0.00	119	0	N.D.		
89) 1,2,3-Trimethylbenzene	0.00	105	0	N.D.		
90) 1,2-Dichlorobenzene	0.00	146	0	N.D.		
91) d-Limonene	0.00	68	0	N.D.		
92) 1,2-Dibromo-3-Chloropr...	0.00	157	0	N.D.		
93) n-Undecane	20.47	57	3153	N.D.		
94) 1,2,4-Trichlorobenzene	21.76	180	507	N.D.		
95) Naphthalene	21.91	128	6462	0.057 ng	#	71
96) n-Dodecane	21.86	57	574	N.D.		
97) Hexachloro-1,3-butadiene	0.00	225	0	N.D.		

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

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Page 1 of 3

Client: Walden Environmental Engineering, PLLC

Client Sample ID: Method Blank

Client Project ID: Bayville Village Cleaners / BVC0106

CAS Project ID: P0800448

CAS Sample ID: P080229-MB

Test Code: EPA TO-15

Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8

Analyst: Simon Cao

Sampling Media: 6.0 L Summa Canister

Test Notes:

Date Collected: NA

Date Received: NA

Date Analyzed: 2/29/08

Volume(s) Analyzed: 1.00 Liter(s)

Canister Dilution Factor: 1.00

CAS #	Compound	Result $\mu\text{g}/\text{m}^3$	MRL $\mu\text{g}/\text{m}^3$	Result ppbV	MRL ppbV	Data Qualifier
115-07-1	Propene	ND	0.50	ND	0.29	
75-71-8	Dichlorodifluoromethane (CFC 12)	ND	0.50	ND	0.10	
74-87-3	Chloromethane	ND	0.50	ND	0.24	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	ND	0.50	ND	0.072	
75-01-4	Vinyl Chloride	ND	0.50	ND	0.20	
106-99-0	1,3-Butadiene	ND	0.50	ND	0.23	
3-9	Bromomethane	ND	0.50	ND	0.13	
75-00-3	Chloroethane	ND	0.50	ND	0.19	
64-17-5	Ethanol	ND	5.0	ND	2.7	
75-05-8	Acetonitrile	ND	0.50	ND	0.30	
107-02-8	Acrolein	ND	0.50	ND	0.22	
67-64-1	Acetone	ND	5.0	ND	2.1	
75-69-4	Trichlorofluoromethane	ND	0.50	ND	0.089	
67-63-0	2-Propanol (Isopropyl Alcohol)	ND	0.50	ND	0.20	
107-13-1	Acrylonitrile	ND	0.50	ND	0.23	
75-35-4	1,1-Dichloroethene	ND	0.50	ND	0.13	
75-09-2	Methylene Chloride	ND	0.50	ND	0.14	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	ND	0.50	ND	0.16	
76-13-1	Trichlorotrifluoroethane	ND	0.50	ND	0.065	
75-15-0	Carbon Disulfide	ND	0.50	ND	0.16	
156-60-5	trans-1,2-Dichloroethene	ND	0.50	ND	0.13	
75-34-3	1,1-Dichloroethane	ND	0.50	ND	0.12	
1634-04-4	Methyl tert-Butyl Ether	ND	0.50	ND	0.14	
108-05-4	Vinyl Acetate	ND	5.0	ND	1.4	
78-93-3	2-Butanone (MEK)	ND	0.50	ND	0.17	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: Ru Date: 3/11/08

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Page 2 of 3

Client: **Walden Environmental Engineering, PLLC**
 Client Sample ID: **Method Blank**
 Client Project ID: **Bayville Village Cleaners / BVC0106**

CAS Project ID: P0800448
 CAS Sample ID: P080229-MB

Test Code: EPA TO-15
 Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
 Analyst: Simon Cao
 Sampling Media: 6.0 L Summa Canister
 Test Notes:

Date Collected: NA
 Date Received: NA
 Date Analyzed: 2/29/08
 Volume(s) Analyzed: 1.00 Liter(s)

Canister Dilution Factor: 1.00

CAS #	Compound	Result $\mu\text{g}/\text{m}^3$	MRL $\mu\text{g}/\text{m}^3$	Result ppbV	MRL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	ND	0.50	ND	0.13	
141-78-6	Ethyl Acetate	ND	0.50	ND	0.14	
110-54-3	n-Hexane	ND	0.50	ND	0.14	
67-66-3	Chloroform	ND	0.50	ND	0.10	
109-99-9	Tetrahydrofuran (THF)	ND	0.50	ND	0.17	
107-06-2	1,2-Dichloroethane	ND	0.50	ND	0.12	
71-55-6	1,1,1-Trichloroethane	ND	0.50	ND	0.092	
71-43-2	Benzene	ND	0.50	ND	0.16	
56-23-5	Carbon Tetrachloride	ND	0.50	ND	0.080	
110-82-7	Cyclohexane	ND	0.50	ND	0.15	
78-87-5	1,2-Dichloropropane	ND	0.50	ND	0.11	
75-27-4	Bromodichloromethane	ND	0.50	ND	0.075	
79-01-6	Trichloroethene	ND	0.50	ND	0.093	
123-91-1	1,4-Dioxane	ND	0.50	ND	0.14	
80-62-6	Methyl Methacrylate	ND	0.50	ND	0.12	
142-82-5	n-Heptane	ND	0.50	ND	0.12	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ND	0.11	
108-10-1	4-Methyl-2-pentanone	ND	0.50	ND	0.12	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ND	0.11	
79-00-5	1,1,2-Trichloroethane	ND	0.50	ND	0.092	
108-88-3	Toluene	ND	0.50	ND	0.13	
591-78-6	2-Hexanone	ND	0.50	ND	0.12	
124-48-1	Dibromochloromethane	ND	0.50	ND	0.059	
106-93-4	1,2-Dibromoethane	ND	0.50	ND	0.065	
123-86-4	n-Butyl Acetate	ND	0.50	ND	0.11	

D = Compound was analyzed for, but not detected above the laboratory reporting limit.

IRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: Ru Date: 3/1/08

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Page 3 of 3

Client: **Walden Environmental Engineering, PLLC**
 Client Sample ID: **Method Blank**
 Client Project ID: **Bayville Village Cleaners / BVC0106**

CAS Project ID: P0800448
 CAS Sample ID: P080229-MB

Test Code: EPA TO-15
 Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
 Analyst: Simon Cao
 Sampling Media: 6.0 L Summa Canister
 Test Notes:

Date Collected: NA
 Date Received: NA
 Date Analyzed: 2/29/08
 Volume(s) Analyzed: 1.00 Liter(s)

Canister Dilution Factor: 1.00

CAS #	Compound	Result $\mu\text{g}/\text{m}^3$	MRL $\mu\text{g}/\text{m}^3$	Result ppbV	MRL ppbV	Data Qualifier
111-65-9	n-Octane	ND	0.50	ND	0.11	
127-18-4	Tetrachloroethene	ND	0.50	ND	0.074	
108-90-7	Chlorobenzene	ND	0.50	ND	0.11	
100-41-4	Ethylbenzene	ND	0.50	ND	0.12	
179601-23-1	m,p-Xylenes	ND	1.0	ND	0.23	
75-25-2	Bromoform	ND	0.50	ND	0.048	
42-5	Styrene	ND	0.50	ND	0.12	
95-47-6	o-Xylene	ND	0.50	ND	0.12	
111-84-2	n-Nonane	ND	0.50	ND	0.095	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	ND	0.073	
98-82-8	Cumene	ND	0.50	ND	0.10	
80-56-8	alpha-Pinene	ND	0.50	ND	0.090	
103-65-1	n-Propylbenzene	ND	0.50	ND	0.10	
622-96-8	4-Ethyltoluene	ND	0.50	ND	0.10	
108-67-8	1,3,5-Trimethylbenzene	ND	0.50	ND	0.10	
95-63-6	1,2,4-Trimethylbenzene	ND	0.50	ND	0.10	
100-44-7	Benzyl Chloride	ND	0.50	ND	0.097	
541-73-1	1,3-Dichlorobenzene	ND	0.50	ND	0.083	
106-46-7	1,4-Dichlorobenzene	ND	0.50	ND	0.083	
95-50-1	1,2-Dichlorobenzene	ND	0.50	ND	0.083	
5989-27-5	d-Limonene	ND	0.50	ND	0.090	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.50	ND	0.052	
120-82-1	1,2,4-Trichlorobenzene	ND	0.50	ND	0.067	
91-20-3	Naphthalene	ND	0.50	ND	0.095	
87-68-3	Hexachlorobutadiene	ND	0.50	ND	0.047	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: Ru Date: 3/11/08

Data Path : J:\MS08\Data\2008_02\29\

Data File : 02290802.D

Acq On : 29 Feb 2008 11:18

Operator : SC

Sample : CAS CAN QC3 2/27/08 (1000ml)

Misc : AC01247

ALS Vial : 15 Sample Multiplier: 1

116 2/29/08

E

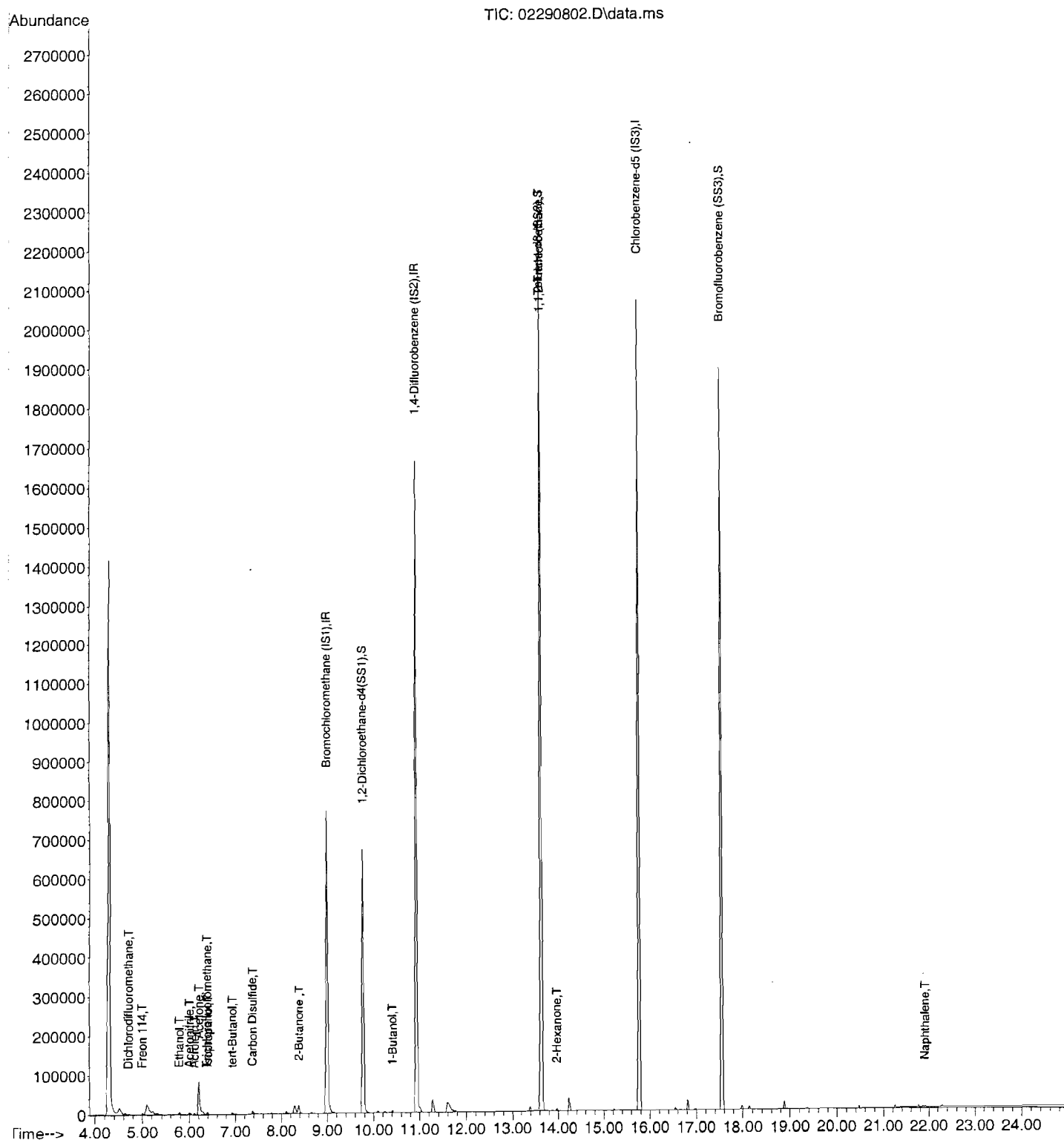
Quant Time: Feb 29 11:44:56 2008

Quant Method : J:\MS08\Methods\R8022108.M

Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)

QLast Update : Fri Feb 22 09:32:02 2008

Response via : Initial Calibration



306

Data Path : J:\MS08\Data\2008_02\29\
 Data File : 02290802.D
 Acq On : 29 Feb 2008 11:18
 Operator : SC
 Sample : CAS CAN QC3 2/27/08 (1000ml)
 Misc : AC01247
 Vial : 15 Sample Multiplier: 1

148 2/29/08

Quant Time: Feb 29 11:44:56 2008
 Quant Method : J:\MS08\Methods\R8022108.M
 Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 QLast Update : Fri Feb 22 09:32:02 2008
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane (IS1)	8.99	130	315193	25.000	ng	0.00
37) 1,4-Difluorobenzene (IS2)	10.93	114	1524651	25.000	ng	0.00
56) Chlorobenzene-d5 (IS3)	15.76	82	860773	25.000	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4(...)	9.77	65	643782	22.132	ng	0.00
Spiked Amount	25.000		Recovery	=	88.52%	
57) Toluene-d8 (SS2)	13.63	98	1781632	25.038	ng	0.00
Spiked Amount	25.000		Recovery	=	100.16%	
73) Bromofluorobenzene (SS3)	17.55	174	619645	24.888	ng	0.00
Spiked Amount	25.000		Recovery	=	99.56%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)	Qvalue
2) Propene	4.63	42	902	N.D.			
3) Dichlorodifluoromethane	4.71	85	2704	0.061	ng	#	53
4) Chloromethane	0.00	50	0	N.D.			
5) Freon 114	5.00	135	1407	0.089	ng	#	42
6) Vinyl Chloride	0.00	62	0	N.D.			
7) 1,3-Butadiene	0.00	54	0	N.D.			
8) Bromomethane	0.00	94	0	N.D.			
9) Chloroethane	0.00	64	0	N.D.			
10) Ethanol	5.77	45	7305	0.386	ng	#	67
11) Acetonitrile	5.99	41	4023	0.073	ng		89
12) Acrolein	6.11	56	2029	0.135	ng		88
13) Acetone	6.20	58	61820	2.697	ng	#	55
14) Trichlorofluoromethane	6.37	101	2734	0.084	ng	#	70
15) Isopropanol	6.39	45	8537	0.124	ng	#	61
16) Acrylonitrile	0.00	53	0	N.D.			
17) 1,1-Dichloroethene	0.00	96	0	N.D.			
18) tert-Butanol	6.93	59	9148	0.132	ng	#	65
19) Methylene Chloride	0.00	84	0	N.D.			
20) Allyl Chloride	0.00	41	0	N.D.			
21) Trichlorotrifluoroethane	0.00	151	0	N.D.			
22) Carbon Disulfide	7.37	76	12439	0.142	ng	#	75
23) trans-1,2-Dichloroethene	0.00	61	0	N.D.			
24) 1,1-Dichloroethane	8.05	63	1482	N.D.			
25) Methyl tert-Butyl Ether	0.00	73	0	N.D.			
26) Vinyl Acetate	0.00	86	0	N.D.			
27) 2-Butanone	8.38	72	6063	0.480	ng	#	23
28) cis-1,2-Dichloroethene	0.00	61	0	N.D.			
29) Diisopropyl Ether	0.00	87	0	N.D.			
30) Ethyl Acetate	0.00	61	0	N.D.			
31) n-Hexane	0.00	57	0	N.D.			
32) Chloroform	0.00	83	0	N.D.			
34) Tetrahydrofuran	0.00	72	0	N.D.			
35) Ethyl tert-Butyl Ether	0.00	87	0	N.D.			
36) 1,2-Dichloroethane	0.00	62	0	N.D.			
38) 1,1,1-Trichloroethane	0.00	97	0	N.D.			
39) Isopropyl Acetate	0.00	61	0	N.D.			
40) 1-Butanol	10.42	56	2855	0.099	ng		95
41) Benzene	10.65	78	268	N.D.			
42) Carbon Tetrachloride	0.00	117	0	N.D.			
43) Cyclohexane	0.00	84	0	N.D.			
44) tert-Amyl Methyl Ether	0.00	73	0	N.D.			
45) 1,2-Dichloropropane	0.00	63	0	N.D.			
46) Bromodichloromethane	0.00	83	0	N.D.			

Data Path : J:\MS08\Data\2008_02\29\
 Data File : 02290802.D
 Acq On : 29 Feb 2008 11:18
 Operator : SC
 Sample : CAS CAN QC3 2/27/08 (1000ml)
 Misc : AC01247
 ALS Vial : 15 Sample Multiplier: 1

MB 2/29/08

E-

Quant Time: Feb 29 11:44:56 2008
 Quant Method : J:\MS08\Methods\R8022108.M
 Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 QLast Update : Fri Feb 22 09:32:02 2008
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) Trichloroethene	0.00	130	0	N.D.		
48) 1,4-Dioxane	0.00	88	0	N.D.		
49) Isooctane	11.77	57	515	N.D.		
50) Methyl Methacrylate	0.00	100	0	N.D.		
51) n-Heptane	0.00	71	0	N.D.		
52) cis-1,3-Dichloropropene	0.00	75	0	N.D.		
53) 4-Methyl-2-pentanone	0.00	58	0	N.D.		
54) trans-1,3-Dichloropropene	0.00	75	0	N.D.		
55) 1,1,2-Trichloroethane	13.64	97	155100	8.611 ng	UA	6
58) Toluene	13.75	91	1198	N.D.		
59) 2-Hexanone	13.97	43	6434	0.097 ng		85
60) Dibromochloromethane	0.00	129	0	N.D.		
61) 1,2-Dibromoethane	0.00	107	0	N.D.		
62) Butyl Acetate	14.81	43	250	N.D.		
63) n-Octane	0.00	57	0	N.D.		
64) Tetrachloroethene	0.00	166	0	N.D.		
65) Chlorobenzene	0.00	112	0	N.D.		
66) Ethylbenzene	16.24	91	827	N.D.		
67) m- & p-Xylene	16.46	91	862	N.D.		
68) Bromoform	0.00	173	0	N.D.		
69) Styrene	0.00	104	0	N.D.		
70) o-Xylene	0.00	91	0	N.D.		
71) n-Nonane	17.01	43	299	N.D.		
72) 1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.		
74) Cumene	17.71	105	256	N.D.		
75) alpha-Pinene	0.00	93	0	N.D.		
76) n-Propylbenzene	18.31	91	849	N.D.		
77) 3-Ethyltoluene	18.42	105	1117	N.D.		
78) 4-Ethyltoluene	18.48	105	918	N.D.		
79) 1,3,5-Trimethylbenzene	18.56	105	878	N.D.		
80) alpha-Methylstyrene	0.00	118	0	N.D.		
81) 2-Ethyltoluene	18.79	105	333	N.D.		
82) 1,2,4-Trimethylbenzene	19.06	105	272	N.D.		
83) n-Decane	19.14	57	248	N.D.		
84) Benzyl Chloride	19.22	91	616	N.D.		
85) 1,3-Dichlorobenzene	19.33	146	360	N.D.		
86) 1,4-Dichlorobenzene	19.33	146	360	N.D.		
87) sec-Butylbenzene	19.37	105	310	N.D.		
88) p-Isopropyltoluene	19.56	119	861	N.D.		
89) 1,2,3-Trimethylbenzene	19.57	105	251	N.D.		
90) 1,2-Dichlorobenzene	0.00	146	0	N.D.		
91) d-Limonene	0.00	68	0	N.D.		
92) 1,2-Dibromo-3-Chloropr...	0.00	157	0	N.D.		
93) n-Undecane	20.62	57	267	N.D.		
94) 1,2,4-Trichlorobenzene	21.76	180	845	N.D.		
95) Naphthalene	21.91	128	6344	0.065 ng	#	71
96) n-Dodecane	21.86	57	1855	N.D.		
97) Hexachloro-1,3-butadiene	0.00	225	0	N.D.		

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

COLUMBIA ANALYTICAL SERVICES, INC.

LABORATORY CONTROL SAMPLE SUMMARY

Page 1 of 3

Client: Walden Environmental Engineering, PLLC**Client Sample ID:** Lab Control Sample**Client Project ID:** Bayville Village Cleaners / BVC0106

CAS Project ID: P0800448

CAS Sample ID: P080228-LCS

Test Code: EPA TO-15**Instrument ID:** Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8**Analyst:** Simon Cao**Sampling Media:** 6.0 L Summa Canister**Test Notes:****Date Collected:** NA**Date Received:** NA**Date Analyzed:** 2/28/08**Volume(s) Analyzed:** NA Liter(s)

CAS #	Compound	Spike Amount ng	Result ng	% Recovery	CAS Acceptance Limits	Data Qualifier
115-07-1	Propene	26.3	27.6	105	62-124	
75-71-8	Dichlorodifluoromethane (CFC 12)	25.5	25.6	100	69-117	
74-87-3	Chloromethane	24.5	23.5	96	53-131	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	26.0	23.4	90	58-133	
75-01-4	Vinyl Chloride	24.8	24.6	99	61-127	
106-99-0	1,3-Butadiene	30.0	30.0	100	67-127	
75-00-3	Bromomethane	25.0	28.9	116	67-124	
64-17-5	Chloroethane	25.0	28.6	114	69-123	
64-17-5	Ethanol	23.8	27.3	115	56-137	
75-05-8	Acetonitrile	25.3	25.0	99	62-133	
107-02-8	Acrolein	24.8	27.5	111	68-124	
67-64-1	Acetone	26.8	28.1	105	63-116	
75-69-4	Trichlorofluoromethane	26.3	26.7	102	71-120	
67-63-0	2-Propanol (Isopropyl Alcohol)	25.8	23.4	91	51-127	
107-13-1	Acrylonitrile	25.5	29.0	114	74-129	
75-35-4	1,1-Dichloroethene	27.8	30.6	110	77-116	
75-09-2	Methylene Chloride	27.8	28.0	101	71-113	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	26.8	29.9	112	75-127	
76-13-1	Trichlorotrifluoroethane	27.8	30.5	110	63-129	
75-15-0	Carbon Disulfide	25.0	23.3	93	72-122	
156-60-5	trans-1,2-Dichloroethene	26.5	28.9	109	74-118	
75-34-3	1,1-Dichloroethane	26.8	28.0	104	74-118	
1634-04-4	Methyl tert-Butyl Ether	26.8	27.8	104	72-119	
108-05-4	Vinyl Acetate	25.3	37.9	150	32-163	
78-93-3	2-Butanone (MEK)	27.0	30.0	111	71-122	

Verified By: Ric Date: 3/11/08

COLUMBIA ANALYTICAL SERVICES, INC.

LABORATORY CONTROL SAMPLE SUMMARY

Page 2 of 3

Client: Walden Environmental Engineering, PLLC

Client Sample ID: Lab Control Sample

Client Project ID: Bayville Village Cleaners / BVC0106

CAS Project ID: P0800448

CAS Sample ID: P080228-LCS

Test Code: EPA TO-15

Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8

Analyst: Simon Cao

Sampling Media: 6.0 L Summa Canister

Test Notes:

Date Collected: NA

Date Received: NA

Date Analyzed: 2/28/08

Volume(s) Analyzed: NA Liter(s)

CAS #	Compound	Spike Amount ng	Result ng	% Recovery	CAS Acceptance Limits	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	27.0	28.5	106	74-117	
141-78-6	Ethyl Acetate	29.3	31.9	109	69-128	
110-54-3	n-Hexane	27.0	28.5	106	60-127	
67-66-3	Chloroform	29.8	31.5	106	72-113	
109-99-9	Tetrahydrofuran (THF)	26.8	29.1	109	72-129	
107-06-2	1,2-Dichloroethane	26.3	26.5	101	72-117	
71-55-6	1,1,1-Trichloroethane	26.8	28.8	107	78-114	
71-43-2	Benzene	27.0	28.3	105	73-111	
56-23-5	Carbon Tetrachloride	26.0	28.3	109	78-126	
110-82-7	Cyclohexane	26.8	27.0	101	74-116	
78-87-5	1,2-Dichloropropane	26.5	29.7	112	78-117	
75-27-4	Bromodichloromethane	27.8	29.8	107	77-120	
79-01-6	Trichloroethene	27.3	31.5	115	80-116	
123-91-1	1,4-Dioxane	27.5	30.8	112	79-122	
80-62-6	Methyl Methacrylate	25.8	28.9	112	79-128	
142-82-5	n-Heptane	26.8	29.1	109	77-117	
10061-01-5	cis-1,3-Dichloropropene	25.0	26.9	108	78-112	
108-10-1	4-Methyl-2-pentanone	27.5	27.8	101	78-128	
10061-02-6	trans-1,3-Dichloropropene	28.0	31.2	111	81-121	
79-00-5	1,1,2-Trichloroethane	26.3	29.5	112	80-117	
108-88-3	Toluene	26.5	27.7	105	76-116	
591-78-6	2-Hexanone	26.3	26.6	101	69-131	
124-48-1	Dibromochloromethane	27.0	30.5	113	80-128	
106-93-4	1,2-Dibromoethane	26.3	29.3	111	79-122	
123-86-4	n-Butyl Acetate	26.3	29.1	111	69-135	

Verified By: Re Date: 3/1/08

COLUMBIA ANALYTICAL SERVICES, INC.

LABORATORY CONTROL SAMPLE SUMMARY

Page 3 of 3

Client: Walden Environmental Engineering, PLLC
Client Sample ID: Lab Control Sample
Client Project ID: Bayville Village Cleaners / BVC0106

CAS Project ID: P0800448
 CAS Sample ID: P080228-LCS

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Simon Cao
Sampling Media: 6.0 L Summa Canister
Test Notes:

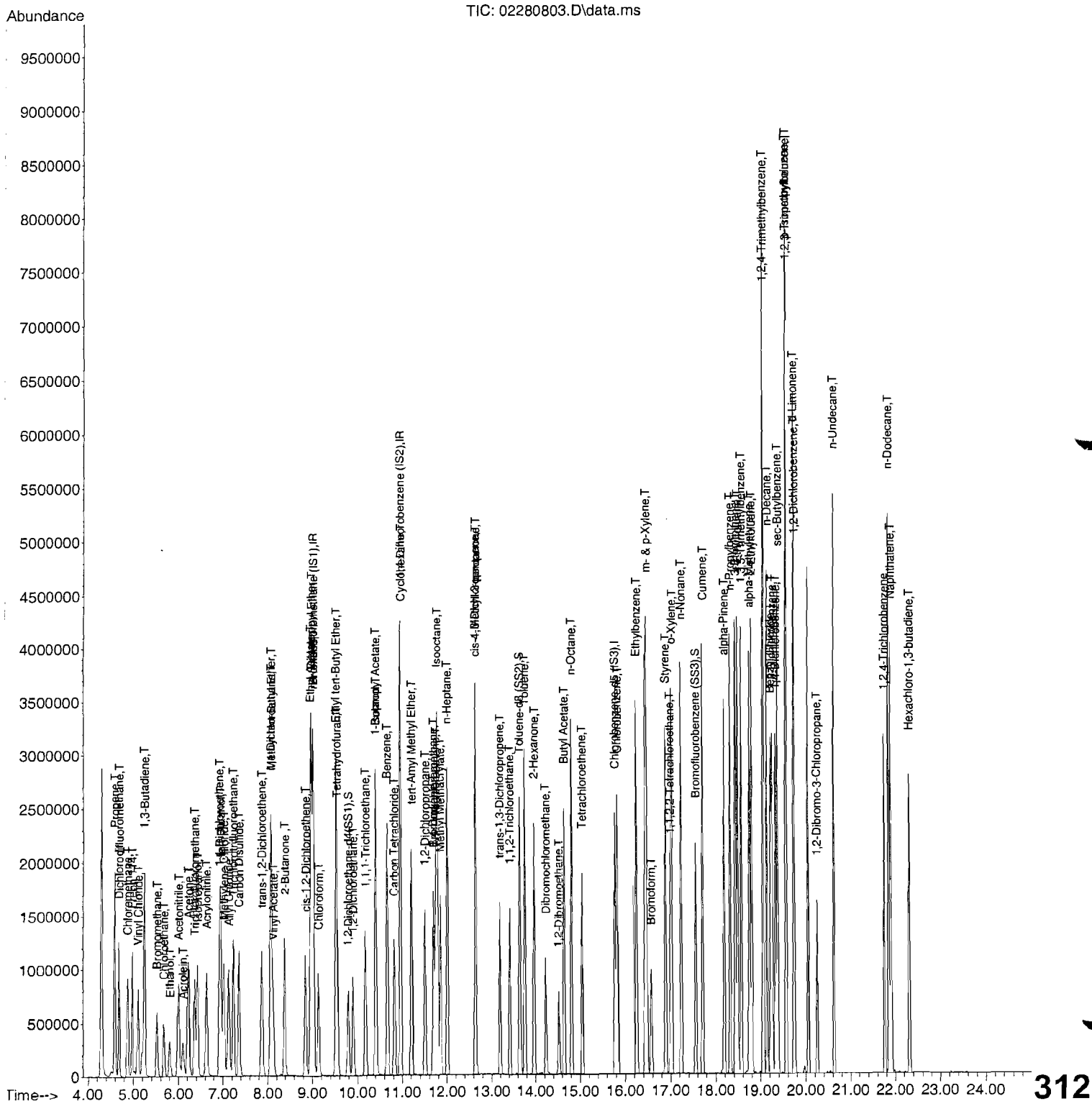
Date Collected: NA
Date Received: NA
Date Analyzed: 2/28/08
Volume(s) Analyzed: NA Liter(s)

CAS #	Compound	Spike Amount ng	Result ng	% Recovery	CAS Acceptance Limits	Data Qualifier
111-65-9	n-Octane	26.0	28.7	110	78-122	
127-18-4	Tetrachloroethene	26.0	28.9	111	77-118	
108-90-7	Chlorobenzene	26.5	28.2	106	78-117	
100-41-4	Ethylbenzene	26.3	27.3	104	79-116	
179601-23-1	m,p-Xylenes	62.5	65.2	104	80-117	
75-25-2	Bromoform	31.3	37.9	121	77-128	
100-42-5	Styrene	26.3	28.2	107	80-124	
7-6	o-Xylene	29.8	30.9	104	80-116	
111-84-2	n-Nonane	26.0	26.7	103	80-120	
79-34-5	1,1,2,2-Tetrachloroethane	29.8	32.8	110	79-120	
98-82-8	Cumene	27.0	28.8	107	81-119	
80-56-8	alpha-Pinene	26.3	28.3	108	76-123	
103-65-1	n-Propylbenzene	26.3	28.1	107	82-120	
622-96-8	4-Ethyltoluene	26.5	28.4	107	80-119	
108-67-8	1,3,5-Trimethylbenzene	26.0	27.5	106	80-120	
95-63-6	1,2,4-Trimethylbenzene	26.0	27.6	106	80-122	
100-44-7	Benzyl Chloride	25.8	28.9	112	85-131	
541-73-1	1,3-Dichlorobenzene	25.5	27.0	106	81-117	
106-46-7	1,4-Dichlorobenzene	26.3	28.1	107	81-119	
95-50-1	1,2-Dichlorobenzene	25.8	27.0	105	81-122	
5989-27-5	d-Limonene	26.0	27.8	107	43-150	
96-12-8	1,2-Dibromo-3-chloropropane	25.8	29.3	114	91-136	
120-82-1	1,2,4-Trichlorobenzene	26.0	29.5	113	75-138	
91-20-3	Naphthalene	26.3	29.3	111	76-143	
87-68-3	Hexachlorobutadiene	26.3	29.1	111	72-128	

Verified By: RG Date: 3/1/08 **311**

Data Path : J:\MS08\Data\2008_02\28\
Data File : 02280803.D
Acq On : 28 Feb 2008 11:46
Operator : SC
Sample : 25ng TO-15 LCS STD
Misc : S20-01280801/S20-0204080
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 28 13:08:50 2008
Quant Method : J:\MS08\Methods\R8022108.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Fri Feb 22 09:32:02 2008
Response via : Initial Calibration



Data Path : J:\MS08\Data\2008_02\28\
 Data File : 02280803.D
 Acq On : 28 Feb 2008 11:46
 Operator : SC
 Sample : 25ng TO-15 LCS STD
 Vial : 2 Sample Multiplier: 1

Quant Time: Feb 28 13:08:50 2008
 Quant Method : J:\MS08\Methods\R8022108.M
 Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 QLast Update : Fri Feb 22 09:32:02 2008
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane (IS1)	9.02	130	361076	25.000	ng	0.03
37) 1,4-Difluorobenzene (IS2)	10.95	114	1730384	25.000	ng	0.02
56) Chlorobenzene-d5 (IS3)	15.78	82	996853	25.000	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4(...)	9.79	65	772561	23.185	ng	0.02
Spiked Amount	25.000		Recovery	=	92.72%	
57) Toluene-d8 (SS2)	13.64	98	2052669	24.909	ng	0.00
Spiked Amount	25.000		Recovery	=	99.64%	
73) Bromofluorobenzene (SS3)	17.56	174	715416	24.812	ng	0.00
Spiked Amount	25.000		Recovery	=	99.24%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Propene	4.58	42	902544	27.633	ng	97
3) Dichlorodifluoromethane	4.68	85	1304420	25.566	ng	98
4) Chloromethane	4.87	50	1302203	23.486	ng	99
5) Freon 114	4.97	135	424317	23.442	ng	100
6) Vinyl Chloride	5.10	62	1071003	24.584	ng	97
7) 1,3-Butadiene	5.24	54	1172666	29.967	ng	91
8) Bromomethane	5.52	94	531475	28.887	ng	97
9) Chloroethane	5.67	64	562770	28.576	ng	95
10) Ethanol	5.81	45	591603	27.263	ng	100
11) Acetonitrile	6.00	41	1579386	25.042	ng	98
12) Acrolein	6.10	56	472902	27.461	ng	99
13) Acetone	6.22	58	737850	28.102	ng	96
14) Trichlorofluoromethane	6.36	101	994520	26.693	ng	99
15) Isopropanol	6.43	45	1841506	23.372	ng	99
16) Acrylonitrile	6.62	53	1230091	29.014	ng	98
17) 1,1-Dichloroethene	6.93	96	576430	30.567	ng	# 54
18) tert-Butanol	6.95	59	2029288	25.624	ng	98
19) Methylene Chloride	7.03	84	644237	28.030	ng	# 49
20) Allyl Chloride	7.13	41	1264804	29.927	ng	87
21) Trichlorotrifluoroethane	7.23	151	526559	30.476	ng	94
22) Carbon Disulfide	7.36	76	2340386	23.345	ng	99
23) trans-1,2-Dichloroethene	7.86	61	1189711	28.901	ng	80
24) 1,1-Dichloroethane	8.07	63	1162881	27.985	ng	96
25) Methyl tert-Butyl Ether	8.07	73	2187484	27.819	ng	91
26) Vinyl Acetate	8.12	86	119578	37.880	ng	# 1
27) 2-Butanone	8.39	72	434363	30.020	ng	# 41
28) cis-1,2-Dichloroethene	8.85	61	1080241	28.540	ng	78
29) Diisopropyl Ether	8.98	87	533197	31.275	ng	# 30
30) Ethyl Acetate	8.97	61	299239	31.925	ng	86
31) n-Hexane	9.03	57	1592448	28.530	ng	93
32) Chloroform	9.14	83	997929	31.490	ng	100
34) Tetrahydrofuran	9.54	72	408961	29.143	ng	# 61
35) Ethyl tert-Butyl Ether	9.52	87	815768	28.675	ng	# 69
36) 1,2-Dichloroethane	9.90	62	1016891	26.527	ng	97
38) 1,1,1-Trichloroethane	10.18	97	1194803	28.761	ng	98
39) Isopropyl Acetate	10.40	61	519859	30.914	ng	# 82
40) 1-Butanol	10.41	56	827232	25.217	ng	91
41) Benzene	10.66	78	2492353	28.256	ng	98
42) Carbon Tetrachloride	10.82	117	1024931	28.282	ng	99
43) Cyclohexane	10.96	84	1028388	27.034	ng	# 72
44) tert-Amyl Methyl Ether	11.21	73	1980148	27.915	ng	88
45) 1,2-Dichloropropane	11.51	63	777842	29.737	ng	96
46) Bromodichloromethane	11.69	83	942028	29.775	ng	99

2/28/08

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Data Path : J:\MS08\Data\2008_02\28\
 Data File : 02280803.D
 Acq On : 28 Feb 2008 11:46
 Operator : SC
 Sample : 25ng TO-15 LCS STD
 Misc : S20-01280801/S20-02040808
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 28 13:08:50 2008
 Quant Method : J:\MS08\Methods\R8022108.M
 Quant Title : EPA TO-15 per SOP VOA-T015 (CASS TO-15/GC-MS)
 QLast Update : Fri Feb 22 09:32:02 2008
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) Trichloroethene	11.74	130	633401	31.511	ng	99
48) 1,4-Dioxane	11.69	88	497413	30.775	ng	# 71
49) Isooctane	11.78	57	3854961	27.483	ng	97
50) Methyl Methacrylate	11.85	100	274219	28.915	ng	# 76
51) n-Heptane	12.01	71	671345	29.072	ng	# 66
52) cis-1,3-Dichloropropene	12.64	75	1078658	26.869	ng	100
53) 4-Methyl-2-pentanone	12.64	58	863603	27.826	ng	89
54) trans-1,3-Dichloropropene	13.19	75	1156210	31.155	ng	100
55) 1,1,2-Trichloroethane	13.42	97	602205	29.459	ng	99
58) Toluene	13.76	91	2640961	27.735	ng	98
59) 2-Hexanone	13.97	43	2049556	26.595	ng	98
60) Dibromochloromethane	14.23	129	728899	30.506	ng	99
61) 1,2-Dibromoethane	14.53	107	691543	29.304	ng	100
62) Butyl Acetate	14.65	43	2260595	29.092	ng	93
63) n-Octane	14.81	57	801456	28.680	ng	96
64) Tetrachloroethene	15.05	166	705124	28.898	ng	100
65) Chlorobenzene	15.83	112	1714221	28.172	ng	98
66) Ethylbenzene	16.25	91	3121199	27.342	ng	98
67) m- & p-Xylene	16.46	91	5011061	65.167	ng	97
68) Bromoform	16.57	173	620465	37.949	ng	98
69) Styrene	16.88	104	1915700	28.151	ng	96
70) o-Xylene	17.02	91	2548925	30.903	ng	97
71) n-Nonane	17.23	43	1841507	26.716	ng	96
72) 1,1,2,2-Tetrachloroethane	16.99	83	1063950	32.789	ng	99
74) Cumene	17.71	105	3006138	28.842	ng	100
75) alpha-Pinene	18.18	93	1608722	28.341	ng	97
76) n-Propylbenzene	18.31	91	3701643	28.103	ng	98
77) 3-Ethyltoluene	18.43	105	2975147	26.396	ng	99
78) 4-Ethyltoluene	18.48	105	2959105	28.382	ng	99
79) 1,3,5-Trimethylbenzene	18.57	105	2587489	27.456	ng	100
80) alpha-Methylstyrene	18.75	118	1317038	27.315	ng	96
81) 2-Ethyltoluene	18.80	105	2930508	26.398	ng	100
82) 1,2,4-Trimethylbenzene	19.06	105	2591736	27.615	ng	98
83) n-Decane	19.14	57	1978954	27.287	ng	83
84) Benzyl Chloride	19.22	91	2413343	28.899	ng	96
85) 1,3-Dichlorobenzene	19.25	146	1347714	26.984	ng	100
86) 1,4-Dichlorobenzene	19.33	146	1367747	28.061	ng	99
87) sec-Butylbenzene	19.37	105	3318113	28.416	ng	98
88) p-Isopropyltoluene	19.56	119	3049210	30.932	ng	94
89) 1,2,3-Trimethylbenzene	19.57	105	2735146	29.741	ng	96
90) 1,2-Dichlorobenzene	19.74	146	1240052	26.995	ng	99
91) d-Limonene	19.73	68	1018559	27.824	ng	95
92) 1,2-Dibromo-3-Chloropr...	20.25	157	470864	29.258	ng	88
93) n-Undecane	20.63	57	2122633	28.056	ng	78
94) 1,2,4-Trichlorobenzene	21.76	180	1057727	29.526	ng	100
95) Naphthalene	21.90	128	3309388	29.331	ng	100
96) n-Dodecane	21.86	57	2092072	29.022	ng	82
97) Hexachloro-1,3-butadiene	22.32	225	608300	29.085	ng	100

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

COLUMBIA ANALYTICAL SERVICES, INC.

LABORATORY CONTROL SAMPLE SUMMARY

Page 1 of 3

Client: Walden Environmental Engineering, PLLC**Client Sample ID:** Lab Control Sample**Client Project ID:** Bayville Village Cleaners / BVC0106

CAS Project ID: P0800448

CAS Sample ID: P080229-LCS

Test Code: EPA TO-15**Date Collected:** NA**Instrument ID:** Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8**Date Received:** NA**Analyst:** Simon Cao**Date Analyzed:** 2/29/08**Sampling Media:** 6.0 L Summa Canister**Volume(s) Analyzed:** NA Liter(s)**Test Notes:**

CAS #	Compound	Spike Amount ng	Result ng	% Recovery	CAS Acceptance Limits	Data Qualifier
115-07-1	Propene	26.3	27.1	103	62-124	
75-71-8	Dichlorodifluoromethane (CFC 12)	25.5	25.1	98	69-117	
74-87-3	Chloromethane	24.5	24.0	98	53-131	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	26.0	24.4	94	58-133	
75-01-4	Vinyl Chloride	24.8	25.1	101	61-127	
106-99-0	1,3-Butadiene	30.0	31.0	103	67-127	
3-9	Bromomethane	25.0	27.8	111	67-124	
75-00-3	Chloroethane	25.0	26.8	107	69-123	
64-17-5	Ethanol	23.8	26.1	110	56-137	
75-05-8	Acetonitrile	25.3	24.3	96	62-133	
107-02-8	Acrolein	24.8	26.9	108	68-124	
67-64-1	Acetone	26.8	26.8	100	63-116	
75-69-4	Trichlorofluoromethane	26.3	26.2	100	71-120	
67-63-0	2-Propanol (Isopropyl Alcohol)	25.8	23.1	90	51-127	
107-13-1	Acrylonitrile	25.5	28.0	110	74-129	
75-35-4	1,1-Dichloroethene	27.8	29.0	104	77-116	
75-09-2	Methylene Chloride	27.8	26.6	96	71-113	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	26.8	29.1	109	75-127	
76-13-1	Trichlorotrifluoroethane	27.8	29.2	105	63-129	
75-15-0	Carbon Disulfide	25.0	22.0	88	72-122	
156-60-5	trans-1,2-Dichloroethene	26.5	27.9	105	74-118	
75-34-3	1,1-Dichloroethane	26.8	27.1	101	74-118	
1634-04-4	Methyl tert-Butyl Ether	26.8	27.0	101	72-119	
108-05-4	Vinyl Acetate	25.3	40.7	161	32-163	
78-93-3	2-Butanone (MEK)	27.0	29.3	109	71-122	

Verified By: RLDate: 3/11/08

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COLUMBIA ANALYTICAL SERVICES, INC.

LABORATORY CONTROL SAMPLE SUMMARY

Page 2 of 3

Client: Walden Environmental Engineering, PLLC
Client Sample ID: Lab Control Sample
Client Project ID: Bayville Village Cleaners / BVC0106

CAS Project ID: P0800448
CAS Sample ID: P080229-LCS

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Simon Cao
Sampling Media: 6.0 L Summa Canister
Test Notes:

Date Collected: NA
Date Received: NA
Date Analyzed: 2/29/08
Volume(s) Analyzed: NA Liter(s)

CAS #	Compound	Spike Amount ng	Result ng	% Recovery	CAS Acceptance Limits	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	27.0	27.6	102	74-117	
141-78-6	Ethyl Acetate	29.3	31.2	106	69-128	
110-54-3	n-Hexane	27.0	27.3	101	60-127	
67-66-3	Chloroform	29.8	30.5	102	72-113	
109-99-9	Tetrahydrofuran (THF)	26.8	28.2	105	72-129	
107-06-2	1,2-Dichloroethane	26.3	26.2	100	72-117	
71-55-6	1,1,1-Trichloroethane	26.8	27.7	103	78-114	
71-43-2	Benzene	27.0	26.7	99	73-111	
56-23-5	Carbon Tetrachloride	26.0	27.6	106	78-126	
110-82-7	Cyclohexane	26.8	25.6	96	74-116	
78-87-5	1,2-Dichloropropane	26.5	28.2	106	78-117	
75-27-4	Bromodichloromethane	27.8	29.5	106	77-120	
79-01-6	Trichloroethene	27.3	29.9	110	80-116	
123-91-1	1,4-Dioxane	27.5	29.9	109	79-122	
80-62-6	Methyl Methacrylate	25.8	27.7	107	79-128	
142-82-5	n-Heptane	26.8	27.6	103	77-117	
10061-01-5	cis-1,3-Dichloropropene	25.0	25.7	103	78-112	
108-10-1	4-Methyl-2-pentanone	27.5	26.5	96	78-128	
10061-02-6	trans-1,3-Dichloropropene	28.0	30.0	107	81-121	
79-00-5	1,1,2-Trichloroethane	26.3	27.9	106	80-117	
108-88-3	Toluene	26.5	26.6	100	76-116	
91-78-6	2-Hexanone	26.3	26.3	100	69-131	
24-48-1	Dibromochloromethane	27.0	29.8	110	80-128	
06-93-4	1,2-Dibromoethane	26.3	28.4	108	79-122	
23-86-4	n-Butyl Acetate	26.3	28.8	110	69-135	

COLUMBIA ANALYTICAL SERVICES, INC.

LABORATORY CONTROL SAMPLE SUMMARY

Page 3 of 3

Client: Walden Environmental Engineering, PLLC
Client Sample ID: Lab Control Sample
Client Project ID: Bayville Village Cleaners / BVC0106

CAS Project ID: P0800448
 CAS Sample ID: P080229-LCS

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Simon Cao
Sampling Media: 6.0 L Summa Canister
Test Notes:

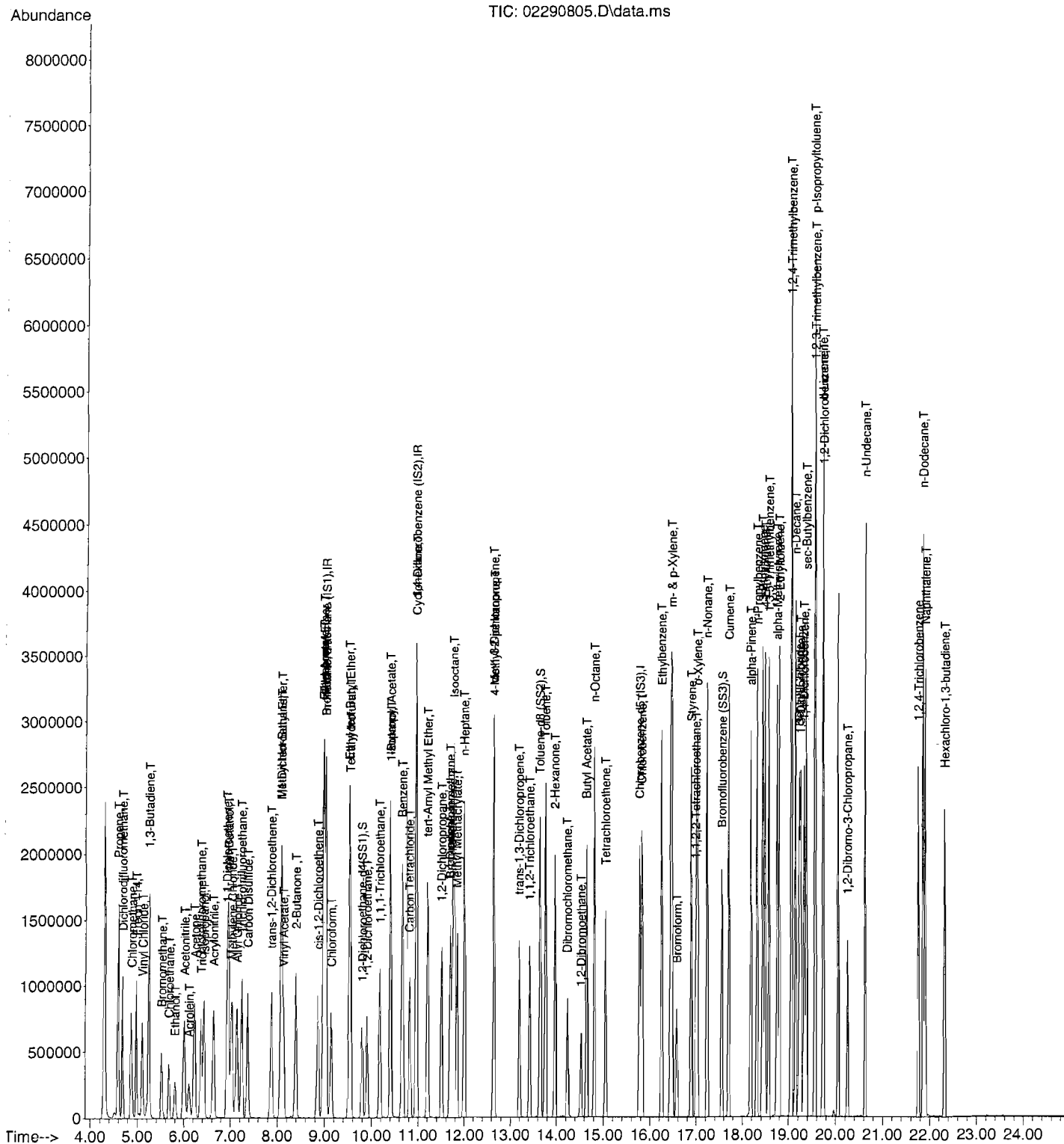
Date Collected: NA
Date Received: NA
Date Analyzed: 2/29/08
Volume(s) Analyzed: NA Liter(s)

CAS #	Compound	Spike Amount ng	Result ng	% Recovery	CAS Acceptance Limits	Data Qualifier
111-65-9	n-Octane	26.0	28.0	108	78-122	
127-18-4	Tetrachloroethene	26.0	27.8	107	77-118	
108-90-7	Chlorobenzene	26.5	27.4	103	78-117	
100-41-4	Ethylbenzene	26.3	26.5	101	79-116	
179601-23-1	m,p-Xylenes	62.5	63.3	101	80-117	
75-25-2	Bromoform	31.3	37.1	119	77-128	
100-42-5	Styrene	26.3	27.2	103	80-124	
7-6	o-Xylene	29.8	30.0	101	80-116	
111-84-2	n-Nonane	26.0	26.3	101	80-120	
79-34-5	1,1,2,2-Tetrachloroethane	29.8	31.6	106	79-120	
98-82-8	Cumene	27.0	27.9	103	81-119	
80-56-8	alpha-Pinene	26.3	27.7	105	76-123	
103-65-1	n-Propylbenzene	26.3	27.3	104	82-120	
622-96-8	4-Ethyltoluene	26.5	27.2	103	80-119	
108-67-8	1,3,5-Trimethylbenzene	26.0	26.6	102	80-120	
95-63-6	1,2,4-Trimethylbenzene	26.0	27.0	104	80-122	
100-44-7	Benzyl Chloride	25.8	28.3	110	85-131	
541-73-1	1,3-Dichlorobenzene	25.5	26.5	104	81-117	
106-46-7	1,4-Dichlorobenzene	26.3	27.4	104	81-119	
95-50-1	1,2-Dichlorobenzene	25.8	26.5	103	81-122	
5989-27-5	d-Limonene	26.0	27.0	104	43-150	
96-12-8	1,2-Dibromo-3-chloropropane	25.8	28.2	109	91-136	
120-82-1	1,2,4-Trichlorobenzene	26.0	28.7	110	75-138	
91-20-3	Naphthalene	26.3	28.4	108	76-143	
87-68-3	Hexachlorobutadiene	26.3	28.6	109	72-128	

Verified By: RG Date: 3/1/08 **317**

Data Path : J:\MS08\Data\2008_02\29\
Data File : 02290805.D
Acq On : 29 Feb 2008 13:59
Operator : SC
Sample : 25ng TO-15 LCS STD
Misc : S20-02290801/S20-0204080
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 29 14:24:58 2008
Quant Method : J:\MS08\Methods\R8022108.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Fri Feb 22 09:32:02 2008
Response via : Initial Calibration



Data Path : J:\MS08\Data\2008_02\29\
 Data File : 02290805.D
 Acq On : 29 Feb 2008 13:59
 Operator : SC
 Sample : 25ng TO-15 LCS STD
 Misc : S20-02290801/S20-02040808
 Vial : 2 Sample Multiplier: 1

Quant Time: Feb 29 14:24:58 2008
 Quant Method : J:\MS08\Methods\R8022108.M
 Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 QLast Update : Fri Feb 22 09:32:02 2008
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane (IS1)	9.02	130	309539	25.000	ng	0.03
37) 1,4-Difluorobenzene (IS2)	10.95	114	1489835	25.000	ng	0.02
56) Chlorobenzene-d5 (IS3)	15.78	82	846757	25.000	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4(...)	9.80	65	669780	23.447	ng	0.03
Spiked Amount 25.000			Recovery =	93.80%		
57) Toluene-d8 (SS2)	13.64	98	1778846	25.413	ng	0.00
Spiked Amount 25.000			Recovery =	101.64%		
73) Bromofluorobenzene (SS3)	17.56	174	612649	25.014	ng	0.00
Spiked Amount 25.000			Recovery =	100.04%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Propene	4.59	42	759828	27.137	ng	97
3) Dichlorodifluoromethane	4.68	85	1097017	25.081	ng	98
4) Chloromethane	4.87	50	1139232	23.968	ng	99
5) Freon 114	4.98	135	378582	24.398	ng	99
6) Vinyl Chloride	5.11	62	938011	25.116	ng	97
7) 1,3-Butadiene	5.24	54	1039411	30.984	ng	89
8) Bromomethane	5.52	94	438397	27.795	ng	95
9) Chloroethane	5.68	64	452806	26.821	ng	95
10) Ethanol	5.81	45	485942	26.123	ng	100
11) Acetonitrile	6.00	41	1313614	24.296	ng	97
12) Acrolein	6.11	56	396450	26.854	ng	99
13) Acetone	6.22	58	603186	26.798	ng	98
14) Trichlorofluoromethane	6.36	101	836775	26.199	ng	99
15) Isopropanol	6.43	45	1562901	23.138	ng	99
16) Acrylonitrile	6.63	53	1018824	28.032	ng	99
17) 1,1-Dichloroethene	6.93	96	469544	29.045	ng	# 51
18) tert-Butanol	6.95	59	1824099	26.868	ng	98
19) Methylene Chloride	7.03	84	523693	26.579	ng	# 45
20) Allyl Chloride	7.14	41	1054187	29.097	ng	85
21) Trichlorotrifluoroethane	7.23	151	433198	29.247	ng	95
22) Carbon Disulfide	7.37	76	1887782	21.966	ng	99
23) trans-1,2-Dichloroethene	7.86	61	984291	27.891	ng	80
24) 1,1-Dichloroethane	8.07	63	966869	27.142	ng	96
25) Methyl tert-Butyl Ether	8.07	73	1820622	27.008	ng	90
26) Vinyl Acetate	8.12	86	110098	40.683	ng	# 1
27) 2-Butanone	8.39	72	362992	29.265	ng	# 34
28) cis-1,2-Dichloroethene	8.85	61	894593	27.571	ng	78
29) Diisopropyl Ether	8.98	87	436877	29.892	ng	# 23
30) Ethyl Acetate	8.97	61	250456	31.169	ng	85
31) n-Hexane	9.03	57	1307970	27.335	ng	92
32) Chloroform	9.14	83	827668	30.465	ng	100
34) Tetrahydrofuran	9.54	72	338867	28.168	ng	# 56
35) Ethyl tert-Butyl Ether	9.52	87	675364	27.692	ng	# 69
36) 1,2-Dichloroethane	9.91	62	861135	26.204	ng	97
38) 1,1,1-Trichloroethane	10.18	97	989848	27.675	ng	98
39) Isopropyl Acetate	10.40	61	421818	29.134	ng	# 76
40) 1-Butanol	10.41	56	688540	24.378	ng	93
41) Benzene	10.66	78	2025202	26.667	ng	98
42) Carbon Tetrachloride	10.82	117	862255	27.635	ng	100
43) Cyclohexane	10.96	84	837297	25.564	ng	# 70
44) tert-Amyl Methyl Ether	11.21	73	1630651	26.699	ng	88
45) 1,2-Dichloropropane	11.51	63	635468	28.217	ng	96
46) Bromodichloromethane	11.69	83	803620	29.502	ng	100

2/29/08

Data Path : J:\MS08\Data\2008_02\29\
 Data File : 02290805.D
 Acq On : 29 Feb 2008 13:59
 Operator : SC
 Sample : 25ng TO-15 LCS STD
 Misc : S20-02290801/S20-02040808
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 29 14:24:58 2008
 Quant Method : J:\MS08\Methods\R8022108.M
 Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 QLast Update : Fri Feb 22 09:32:02 2008
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) Trichloroethene	11.74	130	518120	29.938	ng	98
48) 1,4-Dioxane	11.69	88	415447	29.854	ng	# 70
49) Isooctane	11.78	57	3173756	26.280	ng	97
50) Methyl Methacrylate	11.85	100	226140	27.696	ng	# 75
51) n-Heptane	12.01	71	549468	27.636	ng	# 65
52) cis-1,3-Dichloropropene	12.64	75	887988	25.690	ng	100
53) 4-Methyl-2-pentanone	12.65	58	708148	26.501	ng	90
54) trans-1,3-Dichloropropene	13.19	75	958813	30.008	ng	100
55) 1,1,2-Trichloroethane	13.42	97	490477	27.868	ng	99
58) Toluene	13.76	91	2152415	26.611	ng	98
59) 2-Hexanone	13.97	43	1718707	26.255	ng	100
60) Dibromochloromethane	14.23	129	605620	29.839	ng	100
61) 1,2-Dibromoethane	14.53	107	569951	28.433	ng	100
62) Butyl Acetate	14.65	43	1897926	28.755	ng	93
63) n-Octane	14.81	57	664159	27.980	ng	94
64) Tetrachloroethene	15.05	166	576897	27.834	ng	100
65) Chlorobenzene	15.83	112	1416148	27.399	ng	98
66) Ethylbenzene	16.25	91	2566918	26.472	ng	98
67) m- & p-Xylene	16.46	91	4136408	63.328	ng	97
68) Bromoform	16.57	173	515363	37.108	ng	98
69) Styrene	16.88	104	1573115	27.214	ng	96
70) o-Xylene	17.02	91	2100765	29.985	ng	97
71) n-Nonane	17.23	43	1539249	26.289	ng	96
72) 1,1,2,2-Tetrachloroethane	16.99	83	871362	31.614	ng	98
74) Cumene	17.71	105	2473332	27.936	ng	100
75) alpha-Pinene	18.18	93	1333228	27.651	ng	97
76) n-Propylbenzene	18.31	91	3050115	27.261	ng	98
77) 3-Ethyltoluene	18.43	105	2501973	26.133	ng	99
78) 4-Ethyltoluene	18.48	105	2405802	27.166	ng	99
79) 1,3,5-Trimethylbenzene	18.56	105	2131070	26.621	ng	100
80) alpha-Methylstyrene	18.74	118	1084550	26.480	ng	96
81) 2-Ethyltoluene	18.80	105	2420788	25.672	ng	100
82) 1,2,4-Trimethylbenzene	19.06	105	2154197	27.022	ng	98
83) n-Decane	19.14	57	1652837	26.830	ng	83
84) Benzyl Chloride	19.22	91	2006442	28.286	ng	96
85) 1,3-Dichlorobenzene	19.25	146	1123127	26.474	ng	99
86) 1,4-Dichlorobenzene	19.33	146	1133413	27.375	ng	99
87) sec-Butylbenzene	19.37	105	2735718	27.581	ng	98
88) p-Isopropyltoluene	19.56	119	2536982	30.298	ng	94
89) 1,2,3-Trimethylbenzene	19.57	105	2253989	28.854	ng	96
90) 1,2-Dichlorobenzene	19.74	146	1032275	26.455	ng	98
91) d-Limonene	19.73	68	839719	27.005	ng	95
92) 1,2-Dibromo-3-Chloropr...	20.25	157	385535	28.202	ng	85
93) n-Undecane	20.63	57	1750371	27.237	ng	78
94) 1,2,4-Trichlorobenzene	21.76	180	872363	28.668	ng	99
95) Naphthalene	21.90	128	2724272	28.425	ng	100
96) n-Dodecane	21.85	57	1723020	28.139	ng	82
97) Hexachloro-1,3-butadiene	22.32	225	507229	28.551	ng	99

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

Copy of Calculations

Instructions for Data Validation-Method TO-15(SCAN)

1. Determination of Pressure Dilution Factor

Upon receipt at the laboratory the pressure or vacuum of the sample canisters is measured using a digital pressure gauge. The canisters are then pressurized with humidified zero air to approximately +3.5 psig (pounds per square inch gauge).

Pressure Dilution factor is calculated as:

$$PDF = \frac{P_f + 14.7}{P_i + 14.7}$$

P_f final pressure in psig
 P_i initial pressure in psig

2. Validating Initial and Continuing Calibration Results

GC/MS target compound analysis is performed using internal standard quantitation. Three internal standard compounds (Bromochloromethane, 1,4-Difluorobenzene and Chlorobenzene-d5) are added to each aliquot of sample, blank, standard and duplicate at an amount of 25 nanograms(ng). Internal standard responses are used to calculate RRFs (relative response factors) as follows:

$$RRF = \frac{A_x C_{is}}{A_{is} C_x}$$

A_x area response of the analyte quantitation ion
 A_{is} area response of the corresponding internal standard quantitation ion
 C_{is} internal standard concentration, ng
 C_x analyte concentration, ng

The percent relative standard deviation (%RSD) for the five or six initial calibration points should be less than 30% (with a maximum of two analytes $\leq 40\%$) for the calibration to be considered valid and linear.

$$\%RSD = \frac{SD}{\overline{RRF}}(100)$$

SD standard deviation
 $\overline{RRF}$ average or mean RRF (ICAL)

Instructions for Data Validation-Method TO-15(SCAN)

The initial calibration is verified once per twenty-four hour analytical sequence with the analysis of a continuing calibration standard at one of the initial calibration levels (actual analyte concentrations of the CCV are the same as the corresponding concentrations in the initial calibration). The relative response factor of each target analyte from the daily continuing calibration standard is compared to the average relative response factor from the initial multipoint calibration. The percent difference (%D) of the initial and continuing calibration relative response factors is calculated as follows:

$$\%D = \left(\frac{\overline{RRF} - RRF_{cont}}{\overline{RRF}} \right) (100)$$

$\overline{RRF}$

average relative response factor from the initial calibration

RRF_{cont}

relative response factor from the daily continuing calibration standard

Note: the percent difference (%D) should be less than 30% for an acceptable continuing calibration standard.

3. Validating GC/MS Target Analyte Quantitation Results

Target analytes are measured in nanograms using internal standard quantitation as follows:

$$ng_x = \frac{A_x ng_{is}}{A_{is} \overline{RRF}}$$

ng_x nanogram concentration of analyte x

A_x area response of the analyte's quantitation ion

A_{is} area response of the corresponding internal standard's quantitation ion

ng_{is} internal standard amount, in nanograms

$\overline{RRF}$ average or mean RRFs (ICAL)

4. Calculation of $\mu\text{g}/\text{m}^3$ (microgram per cubic meter) Results

Target compound results reported on the "Results of Analysis" form in units of $\mu\text{g}/\text{m}^3$ are calculated as follows:

$$\mu\text{g}/\text{m}^3 = \frac{(ng)(PDF)}{L}$$

ng nanograms of analyte (measured on the GC/MS quantitation report)

PDF pressure dilution factor (see equation 1)

L sample aliquot in Liters

Instructions for Data Validation-Method TO-15(SCAN)

5. Conversion to ppb (parts per billion) Volume

$$C_{ppbv} = C_x \left(\frac{24.46}{FW} \right)$$

FW formula weight of the target analytes (i.e. formula weight of Dichloromethane is 84.94;
1,2-Dichloropropane is 113)

24.46 molar volume of ideal gas at 25°C and 1 atmosphere

C_x final analyte concentration calculated in equation 4 (µg/m³)



QC Certification

Columbia Analytical Services, Inc.
2655 Park Center Drive, Suite A
Simi Valley, CA 93065
Ph. 805-526-7161
Fax 805-526-7270

<u>Container IDs</u>	<u>Cleaned Date</u>	<u>Date Analyzed</u>	<u>QC Results</u>	<u>Comments</u>
AC01035*	02/11/2008	02/18/2008	Pass	ALL COMPOUNDS
AC01337*	02/11/2008	02/18/2008	Pass	ALL COMPOUNDS
FC00099	07/11/2007	07/11/2007		
SC00239	02/14/2008	02/18/2008	Pass	ALL COMPOUNDS
SC00527	02/14/2008	02/18/2008	Pass	ALL COMPOUNDS
SC00618	02/14/2008	02/18/2008	Pass	ALL COMPOUNDS
SC00675	02/14/2008	02/18/2008	Pass	ALL COMPOUNDS
SC00823	02/14/2008	02/18/2008	Pass	ALL COMPOUNDS
SC00857	02/14/2008	02/18/2008	Pass	ALL COMPOUNDS

* QC Canister

Sample Collection Supplies



T014769

Client: Walden Environmental Engineering, PLLC
Project: Tom Ryan
SDG Name: Tom Ryan

Order #: 7740
Date Required: 02/19/2008
Project Chemist: Kate Aguilera
Phone Number: 805-526-7161 x234

Shipped To: Peter Brighton
16 Spring Street
Oyster Bay
New York, NY 11771
Phone: 516-624-7200

Fax: 516-624-3219

Comments: 75, 0.5ug/m3

Shipped Date: 02/18/2008
Shipping Cost: \$ 0.00

Grouped by Container Type

ID	Container	Shipped Pressure
2	6.0L-Summa Canister Ambient	
6	6.0L-Summa Canister Source	
AC01035	6.0 L-Summa Canister Ambient	-29.00
AC01337	6.0 L-Summa Canister Ambient	-29.00
SC00823	6.0 L-Summa Canister Source	-29.00
SC00618	6.0 L-Summa Canister Source	-29.00
SC00857	6.0 L-Summa Canister Source	-29.00
SC00675	6.0 L-Summa Canister Source	-29.00
SC00239	6.0 L-Summa Canister Source	-29.00
SC00527	6.0 L-Summa Canister Source	-29.00
OA00112	1 each-COA Stainless Steel	
OA00430	1 each-COA Stainless Steel	
OA00063	1 each-COA Stainless Steel	
OA00111	1 each-COA Stainless Steel	
OA00137	1 each-COA Stainless Steel	
OA00065	1 each-COA Stainless Steel	
FC00099	1 each-Flow Controller Stainless Steel	
FC00506	1 each-Flow Controller Stainless Steel	
AVG00653	1 each-Analog Gauge	
AVG00580	1 each-Analog Gauge	
AVG00359	1 each-Analog Gauge	
AVG00605	1 each-Analog Gauge	
AVG00639	1 each-Analog Gauge	
AVG00208	1 each-Analog Gauge	
AVG00575	1 each-Analog Gauge	
AVG00718	1 each-Analog Gauge	

recautions: Preserved sample containers should not be overflowed while filling. Under no circumstances should the inside of the containers or lids be handled.

Please return this form with your coolers when delivering your samples to Columbia Analytical Services.

✓

✓

✓

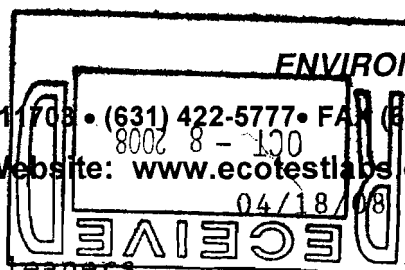
ECOTEST LABORATORIES, INC.

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11708 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com

Website: www.ecotestlabs.com

LAB NO.280732.01



Bayville Village Cleaners

16 Todd Drive

Glen Head, NY 11545

ATTN: Tom Ryan

PO#:

SOURCE OF SAMPLE: Bayville Village Cleaners, #BVC0106

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:02/22/08 RECEIVED:02/22/08

TIME COL'D:1030

MATRIX:Water

SAMPLE: MW-1A

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Dichlorodifluoromethane	ug/L	< 1		02/26/08	1	EPA8260
Chloromethane	ug/L	< 1		02/26/08	1	EPA8260
Vinyl Chloride	ug/L	< 1		02/26/08	1	EPA8260
Bromomethane	ug/L	< 1		02/26/08	1	EPA8260
Chloroethane	ug/L	< 1		02/26/08	1	EPA8260
Trichlorofluoromethane	ug/L	< 1		02/26/08	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		02/26/08	1	EPA8260
Methylene Chloride	ug/L	< 1		02/26/08	1	EPA8260
trans-1,2-Dichloroethene	ug/L	< 1		02/26/08	1	EPA8260
cis-1,2-Dichloroethene	ug/L	< 1		02/26/08	1	EPA8260
2,2-Dichloropropane	ug/L	< 1		02/26/08	1	EPA8260
c-1,2-Dichloroethene	ug/L	< 1		02/26/08	1	EPA8260
Bromochloromethane	ug/L	< 1		02/26/08	1	EPA8260
Chloroform	ug/L	< 1		02/26/08	1	EPA8260
111 Trichloroethane	ug/L	< 1		02/26/08	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		02/26/08	1	EPA8260
1,1-Dichloropropene	ug/L	< 1		02/26/08	1	EPA8260
Benzene	ug/L	< 1		02/26/08	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		02/26/08	1	EPA8260
Trichloroethene	ug/L	< 1		02/26/08	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		02/26/08	1	EPA8260
Dibromomethane	ug/L	< 1		02/26/08	1	EPA8260
Bromodichloromethane	ug/L	< 1		02/26/08	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		02/26/08	1	EPA8260
Toluene	ug/L	< 1		02/26/08	1	EPA8260

cc:Walden Env., Peter Brighton

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

Page 1 of 3

rn = 4709

NYSDOH ID # 10320

ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.280732.01

04/18/08

Bayville Village Cleaners
16 Todd Drive

Glen Head, NY 11545

ATTN: Tom Ryan

PO#:

SOURCE OF SAMPLE: Bayville Village Cleaners, #BVC0106

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:02/22/08 RECEIVED:02/22/08

TIME COL'D:1030

MATRIX:Water

SAMPLE: MW-1A

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
1,3Dichloropropene	ug/L	< 1		02/26/08	1	EPA8260
1,2 Trichloroethane	ug/L	< 1		02/26/08	1	EPA8260
Tetrachloroethene	ug/L	< 1		02/26/08	1	EPA8260
1,3-Dichloropropane	ug/L	< 1		02/26/08	1	EPA8260
Chlorodibromomethane	ug/L	< 1		02/26/08	1	EPA8260
1,2 Dibromoethane	ug/L	< 1		02/26/08	1	EPA8260
Chlorobenzene	ug/L	< 1		02/26/08	1	EPA8260
Phenyl Benzene	ug/L	< 1		02/26/08	1	EPA8260
1,1,2,2-Tetrachloroethane	ug/L	< 1		02/26/08	1	EPA8260
m + p Xylene	ug/L	< 2		02/26/08	2	EPA8260
o Xylene	ug/L	< 1		02/26/08	1	EPA8260
Styrene	ug/L	< 1		02/26/08	1	EPA8260
Formoform	ug/L	< 1		02/26/08	1	EPA8260
Isopropylbenzene	ug/L	< 1		02/26/08	1	EPA8260
Chlorobenzene	ug/L	< 1		02/26/08	1	EPA8260
1,1,2,2-Tetrachloroethane	ug/L	< 1		02/26/08	1	EPA8260
1,2,3-Trichloropropane	ug/L	< 1		02/26/08	1	EPA8260
n-Propylbenzene	ug/L	< 1		02/26/08	1	EPA8260
n-Chlorotoluene	ug/L	< 1		02/26/08	1	EPA8260
1,3,5-Trimethylbenzene	ug/L	< 1		02/26/08	1	EPA8260
n-Chlorotoluene	ug/L	< 1		02/26/08	1	EPA8260
tert-Butylbenzene	ug/L	< 1		02/26/08	1	EPA8260
1,2,4-Trimethylbenzene	ug/L	< 1		02/26/08	1	EPA8260
sec-Butylbenzene	ug/L	< 1		02/26/08	1	EPA8260
n-Isopropyltoluene	ug/L	< 1		02/26/08	1	EPA8260

cc:Walden Env., Peter Brighton

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.280732.01

04/18/08

Bayville Village Cleaners
16 Todd Drive
Glen Head, NY 11545

ATTN: Tom Ryan

PO#:

SOURCE OF SAMPLE: Bayville Village Cleaners. #BVC0106

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:02/22/08 RECEIVED:02/22/08

TIME COL'D:1030

MATRIX:Water

SAMPLE: MW-1A

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
1,3 Dichlorobenzene (v)	ug/L	< 1		02/26/08	1	EPA8260
1,4 Dichlorobenzene (v)	ug/L	< 1		02/26/08	1	EPA8260
n-Butylbenzene	ug/L	< 1		02/26/08	1	EPA8260
1,2 Dichlorobenzene (v)	ug/L	< 1		02/26/08	1	EPA8260
Dibromochloropropane	ug/L	< 1		02/26/08	1	EPA8260
124-Trichlorobenzene (v)	ug/L	< 1		02/26/08	1	EPA8260
Hexachlorobutadiene	ug/L	< 1		02/26/08	1	EPA8260
Naphthalene(v)	ug/L	< 1		02/26/08	1	EPA8260
123-Trichlorobenzene	ug/L	< 1		02/26/08	1	EPA8260
t-ButylMethylEther	ug/L	< 1		02/26/08	1	EPA8260
p-Ethyltoluene	ug/L	< 1		02/26/08	1	EPA8260
Freon 113	ug/L	< 1		02/26/08	1	EPA8260
1245 Tetramethylbenz	ug/L	< 1		02/26/08	1	EPA8260
Acetone	ug/L	< 10		02/26/08	10	EPA8260
Methyl Ethyl Ketone	ug/L	< 10		02/26/08	10	EPA8260
Methylisobutylketone	ug/L	< 10		02/26/08	10	EPA8260
Chlorodifluoromethane	ug/L	< 1		02/26/08	1	EPA8260
p Diethylbenzene	ug/L	< 1		02/26/08	1	EPA8260

cc:Walden Env., Peter Brighton

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 4711

NYSDOH ID # 10320

Page 3 of 3

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ENVIRONMENTAL TESTING

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.280732.02

04/18/08

Bayville Village Cleaners
16 Todd Drive
Glen Head, NY 11545

ATTN: Tom Ryan

PO#:

SOURCE OF SAMPLE: Bayville Village Cleaners, #BVC0106

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:02/22/08 RECEIVED:02/22/08

TIME COL'D:1007

MATRIX:Water SAMPLE: MW-1B

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Dichlorodifluoromethane	ug/L	< 1		02/26/08	1	EPA8260
Chloromethane	ug/L	< 1		02/26/08	1	EPA8260
Vinyl Chloride	ug/L	< 1		02/26/08	1	EPA8260
Bromomethane	ug/L	< 1		02/26/08	1	EPA8260
Chloroethane	ug/L	< 1		02/26/08	1	EPA8260
Trichlorofluoromethane	ug/L	< 1		02/26/08	1	EPA8260
,1 Dichloroethene	ug/L	< 1		02/26/08	1	EPA8260
Ethylene Chloride	ug/L	< 1		02/26/08	1	EPA8260
-1,2-Dichloroethene	ug/L	< 1		02/26/08	1	EPA8260
,1 Dichloroethane	ug/L	< 1		02/26/08	1	EPA8260
,2-Dichloropropane	ug/L	< 1		02/26/08	1	EPA8260
-1,2-Dichloroethene	ug/L	< 1		02/26/08	1	EPA8260
Bromochloromethane	ug/L	< 1		02/26/08	1	EPA8260
Chloroform	ug/L	< 1		02/26/08	1	EPA8260
1,1 Trichloroethane	ug/L	< 1		02/26/08	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		02/26/08	1	EPA8260
,1-Dichloropropene	ug/L	< 1		02/26/08	1	EPA8260
Benzene	ug/L	< 1		02/26/08	1	EPA8260
,2 Dichloroethane	ug/L	< 1		02/26/08	1	EPA8260
Trichloroethene	ug/L	< 1		02/26/08	1	EPA8260
,2 Dichloropropane	ug/L	< 1		02/26/08	1	EPA8260
Bromomethane	ug/L	< 1		02/26/08	1	EPA8260
Bromodichloromethane	ug/L	< 1		02/26/08	1	EPA8260
-1,3Dichloropropene	ug/L	< 1		02/26/08	1	EPA8260
Toluene	ug/L	< 1		02/26/08	1	EPA8260

cc:Walden Env., Peter Brighton

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 4712

NYSDOH ID # 10320

Page 1 of 3

ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.280732.02

04/18/08

Bayville Village Cleaners
16 Todd Drive
Glen Head, NY 11545

ATTN: Tom Ryan

PO#:

SOURCE OF SAMPLE: Bayville Village Cleaners, #BVC0106

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:02/22/08 RECEIVED:02/22/08

TIME COL'D:1007

MATRIX:Water SAMPLE: MW-1B

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
t-1,3Dichloropropene	ug/L	< 1		02/26/08	1	EPA8260
112 Trichloroethane	ug/L	< 1		02/26/08	1	EPA8260
Tetrachloroethene	ug/L	< 1		02/26/08	1	EPA8260
1,3-Dichloropropane	ug/L	< 1		02/26/08	1	EPA8260
Chlorodibromomethane	ug/L	< 1		02/26/08	1	EPA8260
1,2 Dibromoethane	ug/L	< 1		02/26/08	1	EPA8260
Chlorobenzene	ug/L	< 1		02/26/08	1	EPA8260
Ethyl Benzene	ug/L	< 1		02/26/08	1	EPA8260
1,1,2-Tetrachloroethane	ug/L	< 1		02/26/08	1	EPA8260
m,p Xylene	ug/L	< 2		02/26/08	2	EPA8260
o Xylene	ug/L	< 1		02/26/08	1	EPA8260
Styrene	ug/L	< 1		02/26/08	1	EPA8260
Bromoform	ug/L	< 1		02/26/08	1	EPA8260
Isopropylbenzene	ug/L	< 1		02/26/08	1	EPA8260
Bromobenzene	ug/L	< 1		02/26/08	1	EPA8260
1,1,2,2-Tetrachloroethane	ug/L	< 1		02/26/08	1	EPA8260
1,2,3-Trichloropropane	ug/L	< 1		02/26/08	1	EPA8260
n-Propylbenzene	ug/L	< 1		02/26/08	1	EPA8260
2-Chlorotoluene	ug/L	< 1		02/26/08	1	EPA8260
1,3,5-Trimethylbenzene	ug/L	< 1		02/26/08	1	EPA8260
4-Chlorotoluene	ug/L	< 1		02/26/08	1	EPA8260
tert-Butylbenzene	ug/L	< 1		02/26/08	1	EPA8260
1,2,4-Trimethylbenzene	ug/L	< 1		02/26/08	1	EPA8260
sec-Butylbenzene	ug/L	< 1		02/26/08	1	EPA8260
p-Isopropyltoluene	ug/L	< 1		02/26/08	1	EPA8260

cc:Walden Env., Peter Brighton

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR 

ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.280732.02

04/18/08

Bayville Village Cleaners
16 Todd Drive
Glen Head, NY 11545

ATTN: Tom Ryan

PO#:

SOURCE OF SAMPLE: Bayville Village Cleaners, #BVC0106

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:02/22/08 RECEIVED:02/22/08

TIME COL'D:1007

MATRIX:Water SAMPLE: MW-1B

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
1,3 Dichlorobenzene (v)	ug/L	< 1		02/26/08	1	EPA8260
1,4 Dichlorobenzene (v)	ug/L	< 1		02/26/08	1	EPA8260
n-Butylbenzene	ug/L	< 1		02/26/08	1	EPA8260
1,2 Dichlorobenzene (v)	ug/L	< 1		02/26/08	1	EPA8260
Dibromochloropropane	ug/L	< 1		02/26/08	1	EPA8260
1,2,4-Trichlorobenzene (v)	ug/L	< 1		02/26/08	1	EPA8260
Hexachlorobutadiene	ug/L	< 1		02/26/08	1	EPA8260
Naphthalene(v)	ug/L	< 1		02/26/08	1	EPA8260
1,2,3-Trichlorobenzene	ug/L	< 1		02/26/08	1	EPA8260
tert-ButylMethylEther	ug/L	< 1		02/26/08	1	EPA8260
p-Ethyltoluene	ug/L	< 1		02/26/08	1	EPA8260
Freon 113	ug/L	< 1		02/26/08	1	EPA8260
2,4,5 Tetramethylbenz	ug/L	< 1		02/26/08	1	EPA8260
acetone	ug/L	< 10		02/26/08	10	EPA8260
Methyl Ethyl Ketone	ug/L	< 10		02/26/08	10	EPA8260
Methylisobutylketone	ug/L	< 10		02/26/08	10	EPA8260
Chlorodifluoromethane	ug/L	< 1		02/26/08	1	EPA8260
p-Diethylbenzene	ug/L	< 1		02/26/08	1	EPA8260

cc:Walden Env., Peter Brighton

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO. 280732.03

04/18/08

Bayville Village Cleaners
16 Todd Drive
Glen Head, NY 11545

ATTN: Tom Ryan

PO#:

SOURCE OF SAMPLE: Bayville Village Cleaners, #BVC0106

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D: 02/21/08 RECEIVED: 02/22/08

TIME COL'D: 1345

MATRIX: Water SAMPLE: MW-2A

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Dichlorodifluoromethane	ug/L	< 1		02/26/08	1	EPA8260
Chloromethane	ug/L	< 1		02/26/08	1	EPA8260
Vinyl Chloride	ug/L	< 1		02/26/08	1	EPA8260
Bromomethane	ug/L	< 1		02/26/08	1	EPA8260
Chloroethane	ug/L	< 1		02/26/08	1	EPA8260
Trichlorofluoromethane	ug/L	< 1		02/26/08	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		02/26/08	1	EPA8260
Methylene Chloride	ug/L	< 1		02/26/08	1	EPA8260
trans-1,2-Dichloroethene	ug/L	< 1		02/26/08	1	EPA8260
cis-1,2-Dichloroethene	ug/L	< 1		02/26/08	1	EPA8260
2,2-Dichloropropane	ug/L	< 1		02/26/08	1	EPA8260
c-1,2-Dichloroethene	ug/L	< 1		02/26/08	1	EPA8260
Bromochloromethane	ug/L	< 1		02/26/08	1	EPA8260
Chloroform	ug/L	2		02/26/08	1	EPA8260
111 Trichloroethane	ug/L	< 1		02/26/08	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		02/26/08	1	EPA8260
1,1-Dichloropropene	ug/L	< 1		02/26/08	1	EPA8260
Benzene	ug/L	< 1		02/26/08	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		02/26/08	1	EPA8260
Trichloroethene	ug/L	< 1		02/26/08	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		02/26/08	1	EPA8260
Dibromomethane	ug/L	< 1		02/26/08	1	EPA8260
Bromodichloromethane	ug/L	< 1		02/26/08	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		02/26/08	1	EPA8260
Toluene	ug/L	< 1		02/26/08	1	EPA8260

cc:Walden Env., Peter Brighton

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.280732.03

04/18/08

Bayville Village Cleaners
16 Todd Drive
Glen Head, NY 11545

ATTN: Tom Ryan

PO#:

SOURCE OF SAMPLE: Bayville Village Cleaners, #BVC0106

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:02/21/08 RECEIVED:02/22/08

TIME COL'D:1345

MATRIX:Water

SAMPLE: MW-2A

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
t-1,3Dichloropropene	ug/L	< 1		02/26/08	1	EPA8260
112 Trichloroethane	ug/L	< 1		02/26/08	1	EPA8260
Tetrachloroethene	ug/L	< 1		02/26/08	1	EPA8260
1,3-Dichloropropane	ug/L	< 1		02/26/08	1	EPA8260
Chlorodibromomethane	ug/L	< 1		02/26/08	1	EPA8260
1,2 Dibromoethane	ug/L	< 1		02/26/08	1	EPA8260
Chlorobenzene	ug/L	< 1		02/26/08	1	EPA8260
Ethyl Benzene	ug/L	< 1		02/26/08	1	EPA8260
112Tetrachloroethane	ug/L	< 1		02/26/08	1	EPA8260
m + p Xylene	ug/L	< 2		02/26/08	2	EPA8260
o Xylene	ug/L	< 1		02/26/08	1	EPA8260
Styrene	ug/L	< 1		02/26/08	1	EPA8260
Bromoform	ug/L	< 1		02/26/08	1	EPA8260
Isopropylbenzene	ug/L	< 1		02/26/08	1	EPA8260
Bromobenzene	ug/L	< 1		02/26/08	1	EPA8260
122Tetrachloroethane	ug/L	< 1		02/26/08	1	EPA8260
23-Trichloropropane	ug/L	< 1		02/26/08	1	EPA8260
n-Propylbenzene	ug/L	< 1		02/26/08	1	EPA8260
p-Chlorotoluene	ug/L	< 1		02/26/08	1	EPA8260
35-Trimethylbenzene	ug/L	< 1		02/26/08	1	EPA8260
m-Chlorotoluene	ug/L	< 1		02/26/08	1	EPA8260
tert-Butylbenzene	ug/L	< 1		02/26/08	1	EPA8260
24-Trimethylbenzene	ug/L	< 1		02/26/08	1	EPA8260
sec-Butylbenzene	ug/L	< 1		02/26/08	1	EPA8260
Isopropyltoluene	ug/L	< 1		02/26/08	1	EPA8260

cc:Walden Env., Peter Brighton

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR



ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.280732.03

04/18/08

Bayville Village Cleaners
16 Todd Drive
Glen Head, NY 11545

ATTN: Tom Ryan

PO#:

SOURCE OF SAMPLE: Bayville Village Cleaners, #BVC0106

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:02/21/08 RECEIVED:02/22/08

TIME COL'D:1345

MATRIX:Water SAMPLE: MW-2A

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
1,3 Dichlorobenzene (v)	ug/L	< 1		02/26/08	1	EPA8260
1,4 Dichlorobenzene (v)	ug/L	< 1		02/26/08	1	EPA8260
n-Butylbenzene	ug/L	< 1		02/26/08	1	EPA8260
1,2 Dichlorobenzene (v)	ug/L	< 1		02/26/08	1	EPA8260
Dibromochloropropane	ug/L	< 1		02/26/08	1	EPA8260
124-Trichlorobenzene (v)	ug/L	< 1		02/26/08	1	EPA8260
Hexachlorobutadiene	ug/L	< 1		02/26/08	1	EPA8260
Naphthalene(v)	ug/L	< 1		02/26/08	1	EPA8260
1,2,3-Trichlorobenzene	ug/L	< 1		02/26/08	1	EPA8260
tert-ButylMethylEther	ug/L	< 1		02/26/08	1	EPA8260
p-Ethyltoluene	ug/L	< 1		02/26/08	1	EPA8260
Freon 113	ug/L	< 1		02/26/08	1	EPA8260
1245 Tetramethylbenz	ug/L	< 1		02/26/08	1	EPA8260
Acetone	ug/L	< 10		02/26/08	10	EPA8260
Methyl Ethyl Ketone	ug/L	< 10		02/26/08	10	EPA8260
Methylisobutylketone	ug/L	< 10		02/26/08	10	EPA8260
Chlorodifluoromethane	ug/L	< 1		02/26/08	1	EPA8260
p Diethylbenzene	ug/L	< 1		02/26/08	1	EPA8260

cc:Walden Env., Peter Brighton

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 4717

NYSDOH ID # 10320

Page 3 of 3

ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.280732.04

04/18/08

Bayville Village Cleaners
16 Todd Drive
Glen Head, NY 11545

ATTN: Tom Ryan

PO#:

SOURCE OF SAMPLE: Bayville Village Cleaners, #BVCO106

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:02/21/08 RECEIVED:02/22/08

TIME COL'D:1320

MATRIX:Water

SAMPLE: MW-2B

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Dichlorodifluoromethane	ug/L	< 1		02/26/08	1	EPA8260
Chloromethane	ug/L	< 1		02/26/08	1	EPA8260
Vinyl Chloride	ug/L	< 1		02/26/08	1	EPA8260
Bromomethane	ug/L	< 1		02/26/08	1	EPA8260
Chloroethane	ug/L	< 1		02/26/08	1	EPA8260
Trichlorofluoromethane	ug/L	< 1		02/26/08	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		02/26/08	1	EPA8260
Methylene Chloride	ug/L	< 1		02/26/08	1	EPA8260
1,2-Dichloroethene	ug/L	< 1		02/26/08	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		02/26/08	1	EPA8260
1,2-Dichloropropane	ug/L	< 1		02/26/08	1	EPA8260
1,1,2-Dichloroethene	ug/L	< 1		02/26/08	1	EPA8260
Bromochloromethane	ug/L	< 1		02/26/08	1	EPA8260
Chloroform	ug/L	< 1		02/26/08	1	EPA8260
1,1,1 Trichloroethane	ug/L	< 1		02/26/08	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		02/26/08	1	EPA8260
1,1-Dichloropropene	ug/L	< 1		02/26/08	1	EPA8260
Benzene	ug/L	< 1		02/26/08	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		02/26/08	1	EPA8260
Trichloroethene	ug/L	< 1		02/26/08	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		02/26/08	1	EPA8260
Ibromomethane	ug/L	< 1		02/26/08	1	EPA8260
Bromodichloromethane	ug/L	< 1		02/26/08	1	EPA8260
1,3Dichloropropene	ug/L	< 1		02/26/08	1	EPA8260
oluene	ug/L	< 1		02/26/08	1	EPA8260

cc:Walden Env., Peter Brighton

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 4718

NYSDOH ID # 10320

Page 1 of 3

ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.280732.04

04/18/08

Bayville Village Cleaners
16 Todd Drive
Glen Head, NY 11545

ATTN: Tom Ryan

PO#:

SOURCE OF SAMPLE: Bayville Village Cleaners, #BVC0106

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:02/21/08 RECEIVED:02/22/08

TIME COL'D:1320

MATRIX:Water

SAMPLE: MW-2B

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
t-1,3Dichloropropene	ug/L	< 1		02/26/08	1	EPA8260
112 Trichloroethane	ug/L	< 1		02/26/08	1	EPA8260
Tetrachloroethene	ug/L	< 1		02/26/08	1	EPA8260
1,3-Dichloropropane	ug/L	< 1		02/26/08	1	EPA8260
Chlorodibromomethane	ug/L	< 1		02/26/08	1	EPA8260
1,2 Dibromoethane	ug/L	< 1		02/26/08	1	EPA8260
Chlorobenzene	ug/L	< 1		02/26/08	1	EPA8260
Ethyl Benzene	ug/L	< 1		02/26/08	1	EPA8260
1,1,2Tetrachloroethane	ug/L	< 1		02/26/08	1	EPA8260
m,p Xylene	ug/L	< 2		02/26/08	2	EPA8260
o Xylene	ug/L	< 1		02/26/08	1	EPA8260
Styrene	ug/L	< 1		02/26/08	1	EPA8260
Bromoform	ug/L	< 1		02/26/08	1	EPA8260
Isopropylbenzene	ug/L	< 1		02/26/08	1	EPA8260
Bromobenzene	ug/L	< 1		02/26/08	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		02/26/08	1	EPA8260
123-Trichloropropane	ug/L	< 1		02/26/08	1	EPA8260
n-Propylbenzene	ug/L	< 1		02/26/08	1	EPA8260
2-Chlorotoluene	ug/L	< 1		02/26/08	1	EPA8260
135-Trimethylbenzene	ug/L	< 1		02/26/08	1	EPA8260
4-Chlorotoluene	ug/L	< 1		02/26/08	1	EPA8260
tert-Butylbenzene	ug/L	< 1		02/26/08	1	EPA8260
124-Trimethylbenzene	ug/L	< 1		02/26/08	1	EPA8260
sec-Butylbenzene	ug/L	< 1		02/26/08	1	EPA8260
p-Isopropyltoluene	ug/L	< 1		02/26/08	1	EPA8260

cc:Walden Env., Peter Brighton

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.280732.04

04/18/08

Bayville Village Cleaners
16 Todd Drive
Glen Head, NY 11545

ATTN: Tom Ryan

PO#:

SOURCE OF SAMPLE: Bayville Village Cleaners, #BVC0106

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:02/21/08 RECEIVED:02/22/08

TIME COL'D:1320

MATRIX:Water SAMPLE: MW-2B

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
1,3 Dichlorobenzene (v)	ug/L	< 1		02/26/08	1	EPA8260
1,4 Dichlorobenzene (v)	ug/L	< 1		02/26/08	1	EPA8260
n-Butylbenzene	ug/L	< 1		02/26/08	1	EPA8260
1,2 Dichlorobenzene (v)	ug/L	< 1		02/26/08	1	EPA8260
1-bromochloropropane	ug/L	< 1		02/26/08	1	EPA8260
1,2,4-Trichlorobenzene (v)	ug/L	< 1		02/26/08	1	EPA8260
1,1,1-trichloro-2,2,2-hexachlorobutadiene	ug/L	< 1		02/26/08	1	EPA8260
1-naphthalene(v)	ug/L	< 1		02/26/08	1	EPA8260
1,2,3-Trichlorobenzene	ug/L	< 1		02/26/08	1	EPA8260
1-ethyl-3-methyl-2-butyl Ether	ug/L	< 1		02/26/08	1	EPA8260
1-ethyltoluene	ug/L	< 1		02/26/08	1	EPA8260
1,1,1-trichloro-2,2,2-hexachloro-1,1,1,2,2,2-hexafluoroethane 113	ug/L	< 1		02/26/08	1	EPA8260
1,2,4,5-Tetramethylbenzene	ug/L	< 1		02/26/08	1	EPA8260
1,2-cyclohexanone	ug/L	< 10		02/26/08	10	EPA8260
1,2-ethyl Ethyl Ketone	ug/L	< 10		02/26/08	10	EPA8260
1,2-ethylisobutylketone	ug/L	< 10		02/26/08	10	EPA8260
1,1,1,2,2,2-hexachlorodifluoromethane	ug/L	< 1		02/26/08	1	EPA8260
1,2-Diethylbenzene	ug/L	< 1		02/26/08	1	EPA8260

cc:Walden Env., Peter Brighton

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 4720

NYSDOH ID # 10320

Page 3 of 3

ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.280732.05

04/18/08

Bayville Village Cleaners
16 Todd Drive
Glen Head, NY 11545

ATTN: Tom Ryan

PO#:

SOURCE OF SAMPLE: Bayville Village Cleaners, #BVC0106

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:02/21/08 RECEIVED:02/22/08

TIME COL'D:1055

MATRIX:Water

SAMPLE: MW-3A

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Dichlorodifluoromethane	ug/L	< 1		02/26/08	1	EPA8260
Chloromethane	ug/L	< 1		02/26/08	1	EPA8260
Vinyl Chloride	ug/L	< 1		02/26/08	1	EPA8260
Bromomethane	ug/L	< 1		02/26/08	1	EPA8260
Chloroethane	ug/L	< 1		02/26/08	1	EPA8260
Trichlorofluoromethane	ug/L	< 1		02/26/08	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		02/26/08	1	EPA8260
Methylene Chloride	ug/L	< 1		02/26/08	1	EPA8260
t-1,2-Dichloroethene	ug/L	< 1		02/26/08	1	EPA8260
1,2-Dichloroethane	ug/L	< 1		02/26/08	1	EPA8260
2,2-Dichloropropane	ug/L	< 1		02/26/08	1	EPA8260
c-1,2-Dichloroethene	ug/L	< 1		02/26/08	1	EPA8260
Bromochloromethane	ug/L	< 1		02/26/08	1	EPA8260
Chloroform	ug/L	< 1		02/26/08	1	EPA8260
111 Trichloroethane	ug/L	< 1		02/26/08	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		02/26/08	1	EPA8260
1,1-Dichloropropene	ug/L	< 1		02/26/08	1	EPA8260
Benzene	ug/L	< 1		02/26/08	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		02/26/08	1	EPA8260
Trichloroethene	ug/L	< 1		02/26/08	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		02/26/08	1	EPA8260
Dibromomethane	ug/L	< 1		02/26/08	1	EPA8260
Bromodichloromethane	ug/L	< 1		02/26/08	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		02/26/08	1	EPA8260
Toluene	ug/L	< 1		02/26/08	1	EPA8260

cc:Walden Env., Peter Brighton

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 4721

NYSDOH ID # 10320

Page 1 of 3

ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.280732.05

04/18/08

Bayville Village Cleaners
16 Todd Drive

Glen Head, NY 11545

ATTN: Tom Ryan

PO#:

SOURCE OF SAMPLE: Bayville Village Cleaners, #BVC0106

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:02/21/08 RECEIVED:02/22/08

TIME COL'D:1055

MATRIX:Water SAMPLE: MW-3A

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
1,3Dichloropropene	ug/L	< 1		02/26/08	1	EPA8260
1,2 Trichloroethane	ug/L	< 1		02/26/08	1	EPA8260
Tetrachloroethene	ug/L	< 1		02/26/08	1	EPA8260
1,3-Dichloropropane	ug/L	< 1		02/26/08	1	EPA8260
Chlorodibromomethane	ug/L	< 1		02/26/08	1	EPA8260
1,2 Dibromoethane	ug/L	< 1		02/26/08	1	EPA8260
Chlorobenzene	ug/L	< 1		02/26/08	1	EPA8260
Ethyl Benzene	ug/L	< 1		02/26/08	1	EPA8260
1,1,2,2Tetrachloroethane	ug/L	< 1		02/26/08	1	EPA8260
m + p Xylene	ug/L	< 2		02/26/08	2	EPA8260
o Xylene	ug/L	< 1		02/26/08	1	EPA8260
Styrene	ug/L	< 1		02/26/08	1	EPA8260
Bromoform	ug/L	< 1		02/26/08	1	EPA8260
Isopropylbenzene	ug/L	< 1		02/26/08	1	EPA8260
Bromobenzene	ug/L	< 1		02/26/08	1	EPA8260
1,2,2,3-Tetrachloroethane	ug/L	< 1		02/26/08	1	EPA8260
2,3-Trichloropropane	ug/L	< 1		02/26/08	1	EPA8260
n-Propylbenzene	ug/L	< 1		02/26/08	1	EPA8260
n-Chlorotoluene	ug/L	< 1		02/26/08	1	EPA8260
3,5-Trimethylbenzene	ug/L	< 1		02/26/08	1	EPA8260
n-Chlorotoluene	ug/L	< 1		02/26/08	1	EPA8260
tert-Butylbenzene	ug/L	< 1		02/26/08	1	EPA8260
2,4-Trimethylbenzene	ug/L	< 1		02/26/08	1	EPA8260
sec-Butylbenzene	ug/L	< 1		02/26/08	1	EPA8260
n-Isopropyltoluene	ug/L	< 1		02/26/08	1	EPA8260

cc:Walden Env., Peter Brighton

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 4722

NYSDOH ID # 10320

Page 2 of 3

ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO. 280732.05

04/18/08

Bayville Village Cleaners
16 Todd Drive
Glen Head, NY 11545

ATTN: Tom Ryan

PO#:

SOURCE OF SAMPLE: Bayville Village Cleaners, #BVG0106

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D: 02/21/08 RECEIVED: 02/22/08

TIME COL'D: 1055

MATRIX: Water

SAMPLE: MW-3A

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
1,3 Dichlorobenzene (v)	ug/L	< 1		02/26/08	1	EPA8260
1,4 Dichlorobenzene (v)	ug/L	< 1		02/26/08	1	EPA8260
n-Butylbenzene	ug/L	< 1		02/26/08	1	EPA8260
1,2 Dichlorobenzene (v)	ug/L	< 1		02/26/08	1	EPA8260
Dibromochloropropane	ug/L	< 1		02/26/08	1	EPA8260
124-Trichlorobenzene (v)	ug/L	< 1		02/26/08	1	EPA8260
Hexachlorobutadiene	ug/L	< 1		02/26/08	1	EPA8260
Naphthalene(v)	ug/L	< 1		02/26/08	1	EPA8260
1,2,3-Trichlorobenzene	ug/L	< 1		02/26/08	1	EPA8260
t-ButylMethylEther	ug/L	< 1		02/26/08	1	EPA8260
p-Ethyltoluene	ug/L	< 1		02/26/08	1	EPA8260
Freon 113	ug/L	< 1		02/26/08	1	EPA8260
1245 Tetramethylbenz	ug/L	< 1		02/26/08	1	EPA8260
Acetone	ug/L	< 10		02/26/08	10	EPA8260
Methyl Ethyl Ketone	ug/L	< 10		02/26/08	10	EPA8260
Methylisobutylketone	ug/L	< 10		02/26/08	10	EPA8260
Chlorodifluoromethane	ug/L	< 1		02/26/08	1	EPA8260
p Diethylbenzene	ug/L	< 1		02/26/08	1	EPA8260

cc:Walden Env.. Peter Brighton

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 4723

NYSDOH ID # 10320

Page 3 of 3

ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.280732.06

04/18/08

Bayville Village Cleaners
16 Todd Drive
Glen Head, NY 11545

ATTN: Tom Ryan

PO#:

SOURCE OF SAMPLE: Bayville Village Cleaners, #BVC0106

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:02/21/08 RECEIVED:02/22/08

TIME COL'D:1045

MATRIX:Water SAMPLE: MW-3B

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Dichlorodifluoromethane	ug/L	< 1		02/26/08	1	EPA8260
Chloromethane	ug/L	< 1		02/26/08	1	EPA8260
Vinyl Chloride	ug/L	< 1		02/26/08	1	EPA8260
Bromomethane	ug/L	< 1		02/26/08	1	EPA8260
Chloroethane	ug/L	< 1		02/26/08	1	EPA8260
Trichlorofluoromethane	ug/L	< 1		02/26/08	1	EPA8260
,1 Dichloroethene	ug/L	< 1		02/26/08	1	EPA8260
Ethylene Chloride	ug/L	< 1		02/26/08	1	EPA8260
-1,2-Dichloroethene	ug/L	< 1		02/26/08	1	EPA8260
,1 Dichloroethane	ug/L	< 1		02/26/08	1	EPA8260
,2-Dichloropropane	ug/L	< 1		02/26/08	1	EPA8260
-1,2-Dichloroethene	ug/L	< 1		02/26/08	1	EPA8260
Bromochloromethane	ug/L	< 1		02/26/08	1	EPA8260
Chloroform	ug/L	< 1		02/26/08	1	EPA8260
1,1 Trichloroethane	ug/L	< 1		02/26/08	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		02/26/08	1	EPA8260
,1-Dichloropropene	ug/L	< 1		02/26/08	1	EPA8260
Benzene	ug/L	< 1		02/26/08	1	EPA8260
,2 Dichloroethane	ug/L	< 1		02/26/08	1	EPA8260
Trichloroethene	ug/L	< 1		02/26/08	1	EPA8260
,2 Dichloropropane	ug/L	< 1		02/26/08	1	EPA8260
Ibromomethane	ug/L	< 1		02/26/08	1	EPA8260
Bromodichloromethane	ug/L	< 1		02/26/08	1	EPA8260
-1,3Dichloropropene	ug/L	< 1		02/26/08	1	EPA8260
Boluene	ug/L	< 1		02/26/08	1	EPA8260

cc:Walden Env., Peter Brighton

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 4724

NYSDOH ID # 10320

Page 1 of 3

ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com
LAB NO. 280732.06

Website: www.ecotestlabs.com
04/18/08

Bayville Village Cleaners
16 Todd Drive
Glen Head, NY 11545

ATTN: Tom Ryan

PO#:

SOURCE OF SAMPLE: Bayville Village Cleaners, #BVC0106

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D: 02/21/08 RECEIVED: 02/22/08

TIME COL'D: 1045

MATRIX: Water

SAMPLE: MW-3B

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
t-1,3Dichloropropene	ug/L	< 1		02/26/08	1	EPA8260
112 Trichloroethane	ug/L	< 1		02/26/08	1	EPA8260
Tetrachloroethene	ug/L	< 1		02/26/08	1	EPA8260
1,3-Dichloropropane	ug/L	< 1		02/26/08	1	EPA8260
Chlorodibromomethane	ug/L	< 1		02/26/08	1	EPA8260
1,2 Dibromoethane	ug/L	< 1		02/26/08	1	EPA8260
Chlorobenzene	ug/L	< 1		02/26/08	1	EPA8260
Ethyl Benzene	ug/L	< 1		02/26/08	1	EPA8260
1,1,2-Tetrachloroethane	ug/L	< 1		02/26/08	1	EPA8260
m,p Xylene	ug/L	< 2		02/26/08	2	EPA8260
o Xylene	ug/L	< 1		02/26/08	1	EPA8260
Styrene	ug/L	< 1		02/26/08	1	EPA8260
Bromoform	ug/L	< 1		02/26/08	1	EPA8260
Isopropylbenzene	ug/L	< 1		02/26/08	1	EPA8260
Bromobenzene	ug/L	< 1		02/26/08	1	EPA8260
1,1,2,2-Tetrachloroethane	ug/L	< 1		02/26/08	1	EPA8260
1,2,3-Trichloropropane	ug/L	< 1		02/26/08	1	EPA8260
n-Propylbenzene	ug/L	< 1		02/26/08	1	EPA8260
2-Chlorotoluene	ug/L	< 1		02/26/08	1	EPA8260
1,3,5-Trimethylbenzene	ug/L	< 1		02/26/08	1	EPA8260
4-Chlorotoluene	ug/L	< 1		02/26/08	1	EPA8260
tert-Butylbenzene	ug/L	< 1		02/26/08	1	EPA8260
1,2,4-Trimethylbenzene	ug/L	< 1		02/26/08	1	EPA8260
sec-Butylbenzene	ug/L	< 1		02/26/08	1	EPA8260
p-Isopropyltoluene	ug/L	< 1		02/26/08	1	EPA8260

cc:Walden Env., Peter Brighton

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 4725

NYSDOH ID # 10320

Page 2 of 3

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO. 280732.06

04/18/08

Bayville Village Cleaners
16 Todd Drive

Glen Head, NY 11545

ATTN: Tom Ryan

PO#:

SOURCE OF SAMPLE: Bayville Village Cleaners, #BVC0106

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:02/21/08 RECEIVED:02/22/08

TIME COL'D:1045

MATRIX: Water SAMPLE: MW-3B

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
1,3 Dichlorobenzene (v)	ug/L	< 1		02/26/08	1	EPA8260
1,4 Dichlorobenzene (v)	ug/L	< 1		02/26/08	1	EPA8260
n-Butylbenzene	ug/L	< 1		02/26/08	1	EPA8260
1,2 Dichlorobenzene (v)	ug/L	< 1		02/26/08	1	EPA8260
1-bromochloropropane	ug/L	< 1		02/26/08	1	EPA8260
2,4-Trichlorobenzene (v)	ug/L	< 1		02/26/08	1	EPA8260
1,2,3,4-tetrachlorobutadiene	ug/L	< 1		02/26/08	1	EPA8260
1,2,3,4-tetrahydronaphthalene(v)	ug/L	< 1		02/26/08	1	EPA8260
2,3-Trichlorobenzene	ug/L	< 1		02/26/08	1	EPA8260
n-PropylMethylEther	ug/L	< 1		02/26/08	1	EPA8260
n-Ethyltoluene	ug/L	< 1		02/26/08	1	EPA8260
Acetone	ug/L	< 1		02/26/08	1	EPA8260
2,4,6-Trinitrotoluene	ug/L	< 1		02/26/08	1	EPA8260
2,4-Dinitrotoluene	ug/L	< 10		02/26/08	10	EPA8260
ethyl Ethyl Ketone	ug/L	< 10		02/26/08	10	EPA8260
ethylisobutylketone	ug/L	< 10		02/26/08	10	EPA8260
1,1,1-trichloro-2,2,2-trifluoroethane	ug/L	< 1		02/26/08	1	EPA8260
Diethylbenzene	ug/L	< 1		02/26/08	1	EPA8260

cc;Walden Env., Peter Brighton

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 472.6

NYSDOH ID # 10320

Page 3 of 3

ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com
LAB NO. 280732.07 04/18/08

Bayville Village Cleaners
16 Todd Drive
Glen Head, NY 11545

ATTN: Tom Ryan

PO#:

SOURCE OF SAMPLE: Bayville Village Cleaners; #BVC0106

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D: 02/21/08 RECEIVED: 02/22/08

TIME COL'D: 1220

MATRIX: Water SAMPLE: MW-4A

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Dichlorodifluoromethane	ug/L	< 1		02/26/08	1	EPA8260
Chloromethane	ug/L	< 1		02/26/08	1	EPA8260
Vinyl Chloride	ug/L	< 1		02/26/08	1	EPA8260
Bromomethane	ug/L	< 1		02/26/08	1	EPA8260
Chloroethane	ug/L	< 1		02/26/08	1	EPA8260
Trichlorofluoromethane	ug/L	< 1		02/26/08	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		02/26/08	1	EPA8260
Methylene Chloride	ug/L	< 1		02/26/08	1	EPA8260
trans-2-Dichloroethene	ug/L	< 1		02/26/08	1	EPA8260
1,1-Dichloroethane	ug/L	< 1		02/26/08	1	EPA8260
2,2-Dichloropropane	ug/L	< 1		02/26/08	1	EPA8260
cis-1,2-Dichloroethene	ug/L	< 1		02/26/08	1	EPA8260
Bromochloromethane	ug/L	< 1		02/26/08	1	EPA8260
Chloroform	ug/L	< 1		02/26/08	1	EPA8260
1,1,1 Trichloroethane	ug/L	< 1		02/26/08	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		02/26/08	1	EPA8260
1,1-Dichloropropene	ug/L	< 1		02/26/08	1	EPA8260
Benzene	ug/L	< 1		02/26/08	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		02/26/08	1	EPA8260
Trichloroethene	ug/L	< 1		02/26/08	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		02/26/08	1	EPA8260
Dibromomethane	ug/L	< 1		02/26/08	1	EPA8260
Bromodichloromethane	ug/L	< 1		02/26/08	1	EPA8260
cis-1,3Dichloropropene	ug/L	< 1		02/26/08	1	EPA8260
Toluene	ug/L	< 1		02/26/08	1	EPA8260

cc:Walden Env., Peter Brighton

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 4727

NYSDOH ID # 10320

Page 1 of 3

ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.280732.07

04/18/08

Bayville Village Cleaners
16 Todd Drive
Glen Head, NY 11545

ATTN: Tom Ryan

PO#:

SOURCE OF SAMPLE: Bayville Village Cleaners, #BVC0106

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:02/21/08 RECEIVED:02/22/08

TIME COL'D:1220

MATRIX:Water SAMPLE: MW-4A

NALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
-1,3Dichloropropene	ug/L	< 1		02/26/08	1	EPA8260
12 Trichloroethane	ug/L	< 1		02/26/08	1	EPA8260
etrachloroethene	ug/L	< 1		02/26/08	1	EPA8260
,3-Dichloropropane	ug/L	< 1		02/26/08	1	EPA8260
hlorodibromomethane	ug/L	< 1		02/26/08	1	EPA8260
,2 Dibromoethane	ug/L	< 1		02/26/08	1	EPA8260
hlorobenzene	ug/L	< 1		02/26/08	1	EPA8260
thyl Benzene	ug/L	< 1		02/26/08	1	EPA8260
112Tetrachloroethane	ug/L	< 1		02/26/08	1	EPA8260
+ p Xylene	ug/L	< 2		02/26/08	2	EPA8260
Xylene	ug/L	< 1		02/26/08	1	EPA8260
tyrene	ug/L	< 1		02/26/08	1	EPA8260
romoform	ug/L	< 1		02/26/08	1	EPA8260
sopropylbenzene	ug/L	< 1		02/26/08	1	EPA8260
romobenzene	ug/L	< 1		02/26/08	1	EPA8260
122Tetrachloroethane	ug/L	< 1		02/26/08	1	EPA8260
23-Trichloropropane	ug/L	< 1		02/26/08	1	EPA8260
-Propylbenzene	ug/L	< 1		02/26/08	1	EPA8260
-Chlorotoluene	ug/L	< 1		02/26/08	1	EPA8260
35-Trimethylbenzene	ug/L	< 1		02/26/08	1	EPA8260
-Chlorotoluene	ug/L	< 1		02/26/08	1	EPA8260
ert-Butylbenzene	ug/L	< 1		02/26/08	1	EPA8260
24-Trimethylbenzene	ug/L	< 1		02/26/08	1	EPA8260
ec-Butylbenzene	ug/L	< 1		02/26/08	1	EPA8260
-Isopropyltoluene	ug/L	< 1		02/26/08	1	EPA8260

cc:Walden Env., Peter Brighton

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 4728

NYSDOH ID # 10320

Page 2 of 3

ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.280732.07

04/18/08

Bayville Village Cleaners
16 Todd Drive

Glen Head, NY 11545

ATTN: Tom Ryan

PO#:

SOURCE OF SAMPLE: Bayville Village Cleaners, #BVC0106

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:02/21/08 RECEIVED:02/22/08

TIME COL'D:1220

MATRIX:Water

SAMPLE: MW-4A

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
1,3 Dichlorobenzene (v)	ug/L	< 1		02/26/08	1	EPA8260
1,4 Dichlorobenzene (v)	ug/L	< 1		02/26/08	1	EPA8260
n-Butylbenzene	ug/L	< 1		02/26/08	1	EPA8260
1,2 Dichlorobenzene (v)	ug/L	< 1		02/26/08	1	EPA8260
Dibromochloropropane	ug/L	< 1		02/26/08	1	EPA8260
124-Trichlorobenzene (v)	ug/L	< 1		02/26/08	1	EPA8260
Hexachlorobutadiene	ug/L	< 1		02/26/08	1	EPA8260
Naphthalene(v)	ug/L	< 1		02/26/08	1	EPA8260
1,2,3-Trichlorobenzene	ug/L	< 1		02/26/08	1	EPA8260
t-ButylMethylEther	ug/L	< 1		02/26/08	1	EPA8260
p-Ethyltoluene	ug/L	< 1		02/26/08	1	EPA8260
Freon 113	ug/L	< 1		02/26/08	1	EPA8260
1245 Tetramethylbenz	ug/L	< 1		02/26/08	1	EPA8260
Acetone	ug/L	< 10		02/26/08	10	EPA8260
Methyl Ethyl Ketone	ug/L	< 10		02/26/08	10	EPA8260
Methylisobutylketone	ug/L	< 10		02/26/08	10	EPA8260
Chlorodifluoromethane	ug/L	< 1		02/26/08	1	EPA8260
p Diethylbenzene	ug/L	< 1		02/26/08	1	EPA8260

cc:Walden Env., Peter Brighton

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO. 280732.08

04/18/08

Bayville Village Cleaners
16 Todd Drive
Glen Head, NY 11545

ATTN: Tom Ryan

PO#:

SOURCE OF SAMPLE: Bayville Village Cleaners, #BVC0106

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D: 02/21/08 RECEIVED: 02/22/08

TIME COL'D: 1200

MATRIX: Water

SAMPLE: MW-4B

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Dichlorodifluoromethane	ug/L	< 1		02/26/08	1	EPA8260
Chloromethane	ug/L	< 1		02/26/08	1	EPA8260
Vinyl Chloride	ug/L	< 1		02/26/08	1	EPA8260
Bromomethane	ug/L	< 1		02/26/08	1	EPA8260
Chloroethane	ug/L	< 1		02/26/08	1	EPA8260
Trichlorofluoromethane	ug/L	< 1		02/26/08	1	EPA8260
1,1-Dichloroethene	ug/L	< 1		02/26/08	1	EPA8260
Ethylene Chloride	ug/L	< 1		02/26/08	1	EPA8260
1,2-Dichloroethene	ug/L	< 1		02/26/08	1	EPA8260
1,1-Dichloroethane	ug/L	< 1		02/26/08	1	EPA8260
1,2-Dichloropropane	ug/L	< 1		02/26/08	1	EPA8260
1,1,2-Dichloroethene	ug/L	< 1		02/26/08	1	EPA8260
Bromochloromethane	ug/L	< 1		02/26/08	1	EPA8260
Chloroform	ug/L	< 1		02/26/08	1	EPA8260
1,1,1-Trichloroethane	ug/L	< 1		02/26/08	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		02/26/08	1	EPA8260
1,1-Dichloropropene	ug/L	< 1		02/26/08	1	EPA8260
benzene	ug/L	< 1		02/26/08	1	EPA8260
1,2-Dichloroethane	ug/L	< 1		02/26/08	1	EPA8260
Trichloroethene	ug/L	< 1		02/26/08	1	EPA8260
1,2-Dichloropropane	ug/L	< 1		02/26/08	1	EPA8260
Ibromomethane	ug/L	< 1		02/26/08	1	EPA8260
Bromodichloromethane	ug/L	< 1		02/26/08	1	EPA8260
1,3-Dichloropropene	ug/L	< 1		02/26/08	1	EPA8260
oluene	ug/L	1		02/26/08	1	EPA8260

cc:Walden Env., Peter Brighton

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

Page 1 of 3

rn = 4730

NYSDOH ID # 10320

ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com
LAB NO. 280732.08 04/18/08

Bayville Village Cleaners
16 Todd Drive
Glen Head, NY 11545

ATTN: Tom Ryan

PO#:

SOURCE OF SAMPLE: Bayville Village Cleaners; #BVC0106

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D: 02/21/08 RECEIVED: 02/22/08

TIME COL'D: 1200

MATRIX: Water SAMPLE: MW-4B

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
t-1,3Dichloropropene	ug/L	< 1		02/26/08	1	EPA8260
112 Trichloroethane	ug/L	< 1		02/26/08	1	EPA8260
Tetrachloroethene	ug/L	< 1		02/26/08	1	EPA8260
1,3-Dichloropropane	ug/L	< 1		02/26/08	1	EPA8260
Chlorodibromomethane	ug/L	< 1		02/26/08	1	EPA8260
1,2 Dibromoethane	ug/L	< 1		02/26/08	1	EPA8260
Chlorobenzene	ug/L	< 1		02/26/08	1	EPA8260
Ethyl Benzene	ug/L	< 1		02/26/08	1	EPA8260
1,1,2Tetrachloroethane	ug/L	< 1		02/26/08	1	EPA8260
m,p Xylene	ug/L	< 2		02/26/08	2	EPA8260
o Xylene	ug/L	< 1		02/26/08	1	EPA8260
Styrene	ug/L	< 1		02/26/08	1	EPA8260
Bromoform	ug/L	< 1		02/26/08	1	EPA8260
Isopropylbenzene	ug/L	< 1		02/26/08	1	EPA8260
Bromobenzene	ug/L	< 1		02/26/08	1	EPA8260
1,1,2,2Tetrachloroethane	ug/L	< 1		02/26/08	1	EPA8260
1,2,3-Trichloropropane	ug/L	< 1		02/26/08	1	EPA8260
n-Propylbenzene	ug/L	< 1		02/26/08	1	EPA8260
2-Chlorotoluene	ug/L	< 1		02/26/08	1	EPA8260
1,3,5-Trimethylbenzene	ug/L	< 1		02/26/08	1	EPA8260
4-Chlorotoluene	ug/L	< 1		02/26/08	1	EPA8260
tert-Butylbenzene	ug/L	< 1		02/26/08	1	EPA8260
1,2,4-Trimethylbenzene	ug/L	< 1		02/26/08	1	EPA8260
sec-Butylbenzene	ug/L	< 1		02/26/08	1	EPA8260
p-Isopropyltoluene	ug/L	< 1		02/26/08	1	EPA8260

cc:Walden Env., Peter Brighton

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR



ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO. 280732.08

04/18/08

Bayville Village Cleaners
16 Todd Drive

Glen Head, NY 11545

ATTN: Tom Ryan

PO#:

SOURCE OF SAMPLE: Bayville Village Cleaners, #BVC0106

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D: 02/21/08 RECEIVED: 02/22/08

TIME COL'D: 1200

MATRIX: Water SAMPLE: MW-4B

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
1,3 Dichlorobenzene (v)	ug/L	< 1		02/26/08	1	EPA8260
1,4 Dichlorobenzene (v)	ug/L	< 1		02/26/08	1	EPA8260
n-Butylbenzene	ug/L	< 1		02/26/08	1	EPA8260
1,2 Dichlorobenzene (v)	ug/L	< 1		02/26/08	1	EPA8260
Dibromochloropropane	ug/L	< 1		02/26/08	1	EPA8260
1,2,4-Trichlorobenzene (v)	ug/L	< 1		02/26/08	1	EPA8260
Hexachlorobutadiene	ug/L	< 1		02/26/08	1	EPA8260
Naphthalene (v)	ug/L	< 1		02/26/08	1	EPA8260
1,2,3-Trichlorobenzene	ug/L	< 1		02/26/08	1	EPA8260
tert-ButylMethylEther	ug/L	< 1		02/26/08	1	EPA8260
n-Ethyltoluene	ug/L	< 1		02/26/08	1	EPA8260
Perfluoron 113	ug/L	< 1		02/26/08	1	EPA8260
1,2,4,5-Tetramethylbenz	ug/L	< 1		02/26/08	1	EPA8260
Acetone	ug/L	< 10		02/26/08	10	EPA8260
Methyl Ethyl Ketone	ug/L	< 10		02/26/08	10	EPA8260
Methylisobutylketone	ug/L	< 10		02/26/08	10	EPA8260
Chlorodifluoromethane	ug/L	< 1		02/26/08	1	EPA8260
Diethylbenzene	ug/L	< 1		02/26/08	1	EPA8260

cc:Walden Env., Peter Brighton

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 4732

NYSDOH ID # 10320

Page 3 of 3

ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.280732.09

04/18/08

Bayville Village Cleaners
16 Todd Drive
Glen Head, NY 11545

ATTN: Tom Ryan

PO#:

SOURCE OF SAMPLE: Bayville Village Cleaners, #BVC0106

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:02/21/08 RECEIVED:02/22/08

TIME COL'D:1055

MATRIX:Soil

SAMPLE: SB-1

Results reported on a dry weight basis

ANALYTICAL PARAMETERS	UNITS	RESULT	DATE OF ANALYSIS	FLAG	LRL	ANALYTICAL METHOD
Dichlorodifluoromethane	ug/Kg	< 5.2	02/28/08		5.1546	EPA8260
Chloromethane	ug/Kg	< 5.2	02/28/08		5.1546	EPA8260
Vinyl Chloride	ug/Kg	< 5.2	02/28/08		5.1546	EPA8260
Bromomethane	ug/Kg	< 5.2	02/28/08		5.1546	EPA8260
Chloroethane	ug/Kg	< 5.2	02/28/08		5.1546	EPA8260
Trichlorofluoromethane	ug/Kg	< 5.2	02/28/08		5.1546	EPA8260
1,1 Dichloroethene	ug/Kg	< 5.2	02/28/08		5.1546	EPA8260
Methylene Chloride	ug/Kg	< 5.2	02/28/08		5.1546	EPA8260
t- 2-Dichloroethene	ug/Kg	< 5.2	02/28/08		5.1546	EPA8260
1,1-Dichloroethane	ug/Kg	< 5.2	02/28/08		5.1546	EPA8260
2,2-Dichloropropane	ug/Kg	< 5.2	02/28/08		5.1546	EPA8260
c-1,2-Dichloroethene	ug/Kg	< 5.2	02/28/08		5.1546	EPA8260
Bromochloromethane	ug/Kg	< 5.2	02/28/08		5.1546	EPA8260
Chloroform	ug/Kg	< 5.2	02/28/08		5.1546	EPA8260
111 Trichloroethane	ug/Kg	< 5.2	02/28/08		5.1546	EPA8260
Carbon Tetrachloride	ug/Kg	< 5.2	02/28/08		5.1546	EPA8260
1,1-Dichloropropene	ug/Kg	< 5.2	02/28/08		5.1546	EPA8260
Benzene	ug/Kg	< 5.2	02/28/08		5.1546	EPA8260
1,2 Dichloroethane	ug/Kg	< 5.2	02/28/08		5.1546	EPA8260
Trichloroethene	ug/Kg	< 5.2	02/28/08		5.1546	EPA8260
1,2 Dichloropropane	ug/Kg	< 5.2	02/28/08		5.1546	EPA8260
Dibromomethane	ug/Kg	< 5.2	02/28/08		5.1546	EPA8260
Bromodichloromethane	ug/Kg	< 5.2	02/28/08		5.1546	EPA8260
c-1,3Dichloropropene	ug/Kg	< 5.2	02/28/08		5.1546	EPA8260
Toluene	ug/Kg	< 5.2	02/28/08		5.1546	EPA8260

cc:Walden Env., Peter Brighton

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR



377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO. 280732.09

04/18/08

Bayville Village Cleaners
16 Todd Drive
Glen Head, NY 11545

ATTN: Tom Ryan

PO#:

SOURCE OF SAMPLE: Bayville Village Cleaners. #BVC0106

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D: 02/21/08 RECEIVED: 02/22/08

TIME COL'D: 1055

MATRIX: Soil SAMPLE: SB-1

Results reported on a dry weight basis

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
1,3-Dichloropropene	ug/Kg	< 5.2		02/28/08	5.1546	EPA8260
1,2-Trichloroethane	ug/Kg	< 5.2		02/28/08	5.1546	EPA8260
Tetrachloroethene	ug/Kg	< 5.2		02/28/08	5.1546	EPA8260
1,3-Dichloropropane	ug/Kg	< 5.2		02/28/08	5.1546	EPA8260
Chlorodibromomethane	ug/Kg	< 5.2		02/28/08	5.1546	EPA8260
1,2-Dibromoethane	ug/Kg	< 5.2		02/28/08	5.1546	EPA8260
Chlorobenzene	ug/Kg	< 5.2		02/28/08	5.1546	EPA8260
Ethyl Benzene	ug/Kg	< 5.2		02/28/08	5.1546	EPA8260
1,1,2-Tetrachloroethane	ug/Kg	< 5.2		02/28/08	5.1546	EPA8260
m + p Xylene	ug/Kg	< 10		02/28/08	10.309	EPA8260
o Xylene	ug/Kg	< 5.2		02/28/08	5.1546	EPA8260
Styrene	ug/Kg	< 5.2		02/28/08	5.1546	EPA8260
Formoform	ug/Kg	< 5.2		02/28/08	5.1546	EPA8260
Isopropylbenzene	ug/Kg	< 5.2		02/28/08	5.1546	EPA8260
Bromobenzene	ug/Kg	< 5.2		02/28/08	5.1546	EPA8260
1,2,2-Tetrachloroethane	ug/Kg	< 5.2		02/28/08	5.1546	EPA8260
2,3-Trichloropropane	ug/Kg	< 5.2		02/28/08	5.1546	EPA8260
n-Propylbenzene	ug/Kg	< 5.2		02/28/08	5.1546	EPA8260
n-Chlorotoluene	ug/Kg	< 5.2		02/28/08	5.1546	EPA8260
3,5-Trimethylbenzene	ug/Kg	< 5.2		02/28/08	5.1546	EPA8260
n-Chlorotoluene	ug/Kg	< 5.2		02/28/08	5.1546	EPA8260
tert-Butylbenzene	ug/Kg	< 5.2		02/28/08	5.1546	EPA8260
2,4-Trimethylbenzene	ug/Kg	< 5.2		02/28/08	5.1546	EPA8260
sec-Butylbenzene	ug/Kg	< 5.2		02/28/08	5.1546	EPA8260
n-Isopropyltoluene	ug/Kg	< 5.2		02/28/08	5.1546	EPA8260

cc:Walden Env., Peter Brighton

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO. 280732.09

04/18/08

Bayville Village Cleaners
16 Todd Drive
Glen Head, NY 11545

ATTN: Tom Ryan

PO#:

SOURCE OF SAMPLE: Bayville Village Cleaners, #BVC0106

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D: 02/21/08 RECEIVED: 02/22/08

TIME COL'D: 1055

MATRIX: Soil

SAMPLE: SB-1

Results reported on a dry weight basis

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
1,3 Dichlorobenzene (v)	ug/Kg	< 5.2		02/28/08	5.1546	EPA8260
1,4 Dichlorobenzene (v)	ug/Kg	< 5.2		02/28/08	5.1546	EPA8260
n-Butylbenzene	ug/Kg	< 5.2		02/28/08	5.1546	EPA8260
1,2 Dichlorobenzene (v)	ug/Kg	< 5.2		02/28/08	5.1546	EPA8260
Dibromochloropropane	ug/Kg	< 5.2		02/28/08	5.1546	EPA8260
124-Trichlorobenzene (v)	ug/Kg	< 5.2		02/28/08	5.1546	EPA8260
Hexachlorobutadiene	ug/Kg	< 5.2		02/28/08	5.1546	EPA8260
Naphthalene(v)	ug/Kg	< 5.2		02/28/08	5.1546	EPA8260
1,2,3-Trichlorobenzene	ug/Kg	< 5.2		02/28/08	5.1546	EPA8260
t-ButylMethylEther	ug/Kg	< 5.2		02/28/08	5.1546	EPA8260
p-Ethyltoluene	ug/Kg	< 5.2		02/28/08	5.1546	EPA8260
Freon 113	ug/Kg	< 5.2		02/28/08	5.1546	EPA8260
1245 Tetramethylbenz	ug/Kg	< 5.2		02/28/08	5.1546	EPA8260
Acetone	ug/Kg	< 52		02/28/08	51.546	EPA8260
Methyl Ethyl Ketone	ug/Kg	< 52		02/28/08	51.546	EPA8260
Methylisobutylketone	ug/Kg	< 52		02/28/08	51.546	EPA8260
Chlorodifluoromethane	ug/Kg	< 5.2		02/28/08	5.1546	EPA8260
p Diethylbenzene	ug/Kg	< 5.2		02/28/08	5.1546	EPA8260
% Solids		97		02/28/08	0.1	SM182540G

cc:Walden Env., Peter Brighton

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 4735

NYSDOH ID # 10320

Page 3 of 3

ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.280732.10

04/18/08

Bayville Village Cleaners
16 Todd Drive
Glen Head, NY 11545

ATTN: Tom Ryan

PO#:

SOURCE OF SAMPLE: Bayville Village Cleaners; #BVC0106

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:02/21/08 RECEIVED:02/22/08

TIME COL'D:1150

MATRIX:Soil

SAMPLE: SB-2

Results reported on a dry weight basis

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Dichlorodifluoromethane	ug/Kg	< 5.1		02/28/08	5.1020	EPA8260
Chloromethane	ug/Kg	< 5.1		02/28/08	5.1020	EPA8260
Vinyl Chloride	ug/Kg	< 5.1		02/28/08	5.1020	EPA8260
Bromomethane	ug/Kg	< 5.1		02/28/08	5.1020	EPA8260
Chloroethane	ug/Kg	< 5.1		02/28/08	5.1020	EPA8260
Trichlorofluoromethane	ug/Kg	< 5.1		02/28/08	5.1020	EPA8260
1,1 Dichloroethene	ug/Kg	< 5.1		02/28/08	5.1020	EPA8260
Ethylene Chloride	ug/Kg	< 5.1		02/28/08	5.1020	EPA8260
1,2-Dichloroethene	ug/Kg	< 5.1		02/28/08	5.1020	EPA8260
1,1 Dichloroethane	ug/Kg	< 5.1		02/28/08	5.1020	EPA8260
1,2-Dichloropropane	ug/Kg	< 5.1		02/28/08	5.1020	EPA8260
1,2-Dichloroethene	ug/Kg	< 5.1		02/28/08	5.1020	EPA8260
Bromochloromethane	ug/Kg	< 5.1		02/28/08	5.1020	EPA8260
Chloroform	ug/Kg	< 5.1		02/28/08	5.1020	EPA8260
1,1 Trichloroethane	ug/Kg	< 5.1		02/28/08	5.1020	EPA8260
Carbon Tetrachloride	ug/Kg	< 5.1		02/28/08	5.1020	EPA8260
1,1-Dichloropropene	ug/Kg	< 5.1		02/28/08	5.1020	EPA8260
Benzene	ug/Kg	< 5.1		02/28/08	5.1020	EPA8260
1,2 Dichloroethane	ug/Kg	< 5.1		02/28/08	5.1020	EPA8260
Trichloroethene	ug/Kg	< 5.1		02/28/08	5.1020	EPA8260
1,2 Dichloropropane	ug/Kg	< 5.1		02/28/08	5.1020	EPA8260
Bromomethane	ug/Kg	< 5.1		02/28/08	5.1020	EPA8260
Bromodichloromethane	ug/Kg	< 5.1		02/28/08	5.1020	EPA8260
1,3Dichloropropene	ug/Kg	< 5.1		02/28/08	5.1020	EPA8260
Toluene	ug/Kg	< 5.1		02/28/08	5.1020	EPA8260

cc:Walden Env., Peter Brighton

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR 

ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO. 280732.10

04/18/08

Bayville Village Cleaners
16 Todd Drive
Glen Head, NY 11545

ATTN: Tom Ryan

PO#:

SOURCE OF SAMPLE: Bayville Village Cleaners, #BVC0106

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D: 02/21/08 RECEIVED: 02/22/08

TIME COL'D: 1150

MATRIX: Soil

SAMPLE: SB-2

Results reported on a dry weight basis

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF		ANALYTICAL
				ANALYSIS	LRL	
t-1,3Dichloropropene	ug/Kg	< 5.1		02/28/08	5.1020	EPA8260
112 Trichloroethane	ug/Kg	< 5.1		02/28/08	5.1020	EPA8260
Tetrachloroethene	ug/Kg	< 5.1		02/28/08	5.1020	EPA8260
1,3-Dichloropropane	ug/Kg	< 5.1		02/28/08	5.1020	EPA8260
Chlorodibromomethane	ug/Kg	< 5.1		02/28/08	5.1020	EPA8260
1,2 Dibromoethane	ug/Kg	< 5.1		02/28/08	5.1020	EPA8260
Chlorobenzene	ug/Kg	< 5.1		02/28/08	5.1020	EPA8260
Ethyl Benzene	ug/Kg	< 5.1		02/28/08	5.1020	EPA8260
1,1,2,2-Tetrachloroethane	ug/Kg	< 5.1		02/28/08	5.1020	EPA8260
m,p Xylene	ug/Kg	< 10		02/28/08	10.204	EPA8260
o Xylene	ug/Kg	< 5.1		02/28/08	5.1020	EPA8260
Styrene	ug/Kg	< 5.1		02/28/08	5.1020	EPA8260
Bromoform	ug/Kg	< 5.1		02/28/08	5.1020	EPA8260
Isopropylbenzene	ug/Kg	< 5.1		02/28/08	5.1020	EPA8260
Bromobenzene	ug/Kg	< 5.1		02/28/08	5.1020	EPA8260
1,1,2,2-Tetrachloroethane	ug/Kg	< 5.1		02/28/08	5.1020	EPA8260
1,2,3-Trichloropropane	ug/Kg	< 5.1		02/28/08	5.1020	EPA8260
n-Propylbenzene	ug/Kg	< 5.1		02/28/08	5.1020	EPA8260
2-Chlorotoluene	ug/Kg	< 5.1		02/28/08	5.1020	EPA8260
1,3,5-Trimethylbenzene	ug/Kg	< 5.1		02/28/08	5.1020	EPA8260
4-Chlorotoluene	ug/Kg	< 5.1		02/28/08	5.1020	EPA8260
tert-Butylbenzene	ug/Kg	< 5.1		02/28/08	5.1020	EPA8260
1,2,4-Trimethylbenzene	ug/Kg	< 5.1		02/28/08	5.1020	EPA8260
sec-Butylbenzene	ug/Kg	< 5.1		02/28/08	5.1020	EPA8260
p-Isopropyltoluene	ug/Kg	< 5.1		02/28/08	5.1020	EPA8260

cc:Walden Env., Peter Brighton

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 4737

NYSDOH ID # 10320

Page 2 of 3

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO. 280732.10

04/18/08

Bayville Village Cleaners
16 Todd Drive
Glen Head, NY 11545

ATTN: Tom Ryan

PO#:

SOURCE OF SAMPLE: Bayville Village Cleaners, #BVC0106

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D: 02/21/08 RECEIVED: 02/22/08

TIME COL'D: 1150

MATRIX: Soil

SAMPLE: SB-2

Results reported on a dry weight basis

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
1,3 Dichlorobenzene (v)	ug/Kg	< 5.1		02/28/08	5.1020	EPA8260
1,4 Dichlorobenzene (v)	ug/Kg	< 5.1		02/28/08	5.1020	EPA8260
n-Butylbenzene	ug/Kg	< 5.1		02/28/08	5.1020	EPA8260
1,2 Dichlorobenzene (v)	ug/Kg	< 5.1		02/28/08	5.1020	EPA8260
1,1-Dibromochloropropane	ug/Kg	< 5.1		02/28/08	5.1020	EPA8260
1,2,4-Trichlorobenzene (v)	ug/Kg	< 5.1		02/28/08	5.1020	EPA8260
1,1-Dichloro-2,2-dibromobutadiene	ug/Kg	< 5.1		02/28/08	5.1020	EPA8260
1,2,3-Trichlorobenzene	ug/Kg	< 5.1		02/28/08	5.1020	EPA8260
n-ButylMethylEther	ug/Kg	< 5.1		02/28/08	5.1020	EPA8260
n-Ethyltoluene	ug/Kg	< 5.1		02/28/08	5.1020	EPA8260
Perfluorooctane 113	ug/Kg	< 5.1		02/28/08	5.1020	EPA8260
2,4,6-Trinitrotoluene	ug/Kg	< 5.1		02/28/08	5.1020	EPA8260
Acetone	ug/Kg	< 51		02/28/08	51.020	EPA8260
Methyl Ethyl Ketone	ug/Kg	< 51		02/28/08	51.020	EPA8260
Methylisobutylketone	ug/Kg	< 51		02/28/08	51.020	EPA8260
Chlorodifluoromethane	ug/Kg	< 5.1		02/28/08	5.1020	EPA8260
Diethylbenzene	ug/Kg	< 5.1		02/28/08	5.1020	EPA8260
Solids		98		02/28/08	0.1	SM182540G

cc:Walden Env., Peter Brighton

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.280732.11

04/18/08

Bayville Village Cleaners

16 Todd Drive

Glen Head, NY 11545

ATTN: Tom Ryan

PO#:

SOURCE OF SAMPLE: Bayville Village Cleaners, #BVC0106

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:02/21/08 RECEIVED:02/22/08

TIME COL'D:1340

MATRIX:Soil

SAMPLE: SB-3

Results reported on a dry weight basis

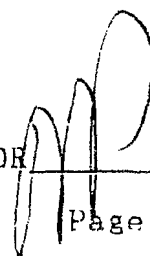
ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Dichlorodifluoromethane	ug/Kg	< 5.2		02/28/08	5.2083	EPA8260
Chloromethane	ug/Kg	< 5.2		02/28/08	5.2083	EPA8260
Vinyl Chloride	ug/Kg	< 5.2		02/28/08	5.2083	EPA8260
Bromomethane	ug/Kg	< 5.2		02/28/08	5.2083	EPA8260
Chloroethane	ug/Kg	< 5.2		02/28/08	5.2083	EPA8260
Trichlorofluoromethane	ug/Kg	< 5.2		02/28/08	5.2083	EPA8260
1,1 Dichloroethene	ug/Kg	< 5.2		02/28/08	5.2083	EPA8260
Methylene Chloride	ug/Kg	< 5.2		02/28/08	5.2083	EPA8260
t-1,2-Dichloroethene	ug/Kg	< 5.2		02/28/08	5.2083	EPA8260
1,1 Dichloroethane	ug/Kg	< 5.2		02/28/08	5.2083	EPA8260
2,2-Dichloropropane	ug/Kg	< 5.2		02/28/08	5.2083	EPA8260
c-1,2-Dichloroethene	ug/Kg	< 5.2		02/28/08	5.2083	EPA8260
Bromochloromethane	ug/Kg	< 5.2		02/28/08	5.2083	EPA8260
Chloroform	ug/Kg	< 5.2		02/28/08	5.2083	EPA8260
111 Trichloroethane	ug/Kg	< 5.2		02/28/08	5.2083	EPA8260
Carbon Tetrachloride	ug/Kg	< 5.2		02/28/08	5.2083	EPA8260
1,1-Dichloropropene	ug/Kg	< 5.2		02/28/08	5.2083	EPA8260
Benzene	ug/Kg	< 5.2		02/28/08	5.2083	EPA8260
1,2 Dichloroethane	ug/Kg	< 5.2		02/28/08	5.2083	EPA8260
Trichloroethene	ug/Kg	< 5.2		02/28/08	5.2083	EPA8260
1,2 Dichloropropane	ug/Kg	< 5.2		02/28/08	5.2083	EPA8260
Dibromomethane	ug/Kg	< 5.2		02/28/08	5.2083	EPA8260
Bromodichloromethane	ug/Kg	< 5.2		02/28/08	5.2083	EPA8260
c-1,3Dichloropropene	ug/Kg	< 5.2		02/28/08	5.2083	EPA8260
Toluene	ug/Kg	< 5.2		02/28/08	5.2083	EPA8260

cc:Walden Env.. Peter Brighton

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR



ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO. 280732.11

04/18/08

Bayville Village Cleaners
16 Todd Drive
Glen Head, NY 11545

ATTN: Tom Ryan

PO#:

SOURCE OF SAMPLE: Bayville Village Cleaners, #BVC0106

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D: 02/21/08 RECEIVED: 02/22/08

TIME COL'D: 1340

MATRIX: Soil

SAMPLE: SB-3

Results reported on a dry weight basis

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF	LRL	ANALYTICAL
				ANALYSIS		
1,3-Dichloropropene	ug/Kg	< 5.2		02/28/08	5.2083	EPA8260
1,1,2-Trichloroethane	ug/Kg	< 5.2		02/28/08	5.2083	EPA8260
Tetrachloroethene	ug/Kg	< 5.2		02/28/08	5.2083	EPA8260
1,3-Dichloropropene	ug/Kg	< 5.2		02/28/08	5.2083	EPA8260
Chlorodibromomethane	ug/Kg	< 5.2		02/28/08	5.2083	EPA8260
1,2-Dibromoethane	ug/Kg	< 5.2		02/28/08	5.2083	EPA8260
Chlorobenzene	ug/Kg	< 5.2		02/28/08	5.2083	EPA8260
Ethyl Benzene	ug/Kg	< 5.2		02/28/08	5.2083	EPA8260
1,1,2,2-Tetrachloroethane	ug/Kg	< 5.2		02/28/08	5.2083	EPA8260
m + p Xylene	ug/Kg	< 10		02/28/08	10.416	EPA8260
o Xylene	ug/Kg	< 5.2		02/28/08	5.2083	EPA8260
Styrene	ug/Kg	< 5.2		02/28/08	5.2083	EPA8260
Bromoform	ug/Kg	< 5.2		02/28/08	5.2083	EPA8260
Isopropylbenzene	ug/Kg	< 5.2		02/28/08	5.2083	EPA8260
Bromobenzene	ug/Kg	< 5.2		02/28/08	5.2083	EPA8260
1,1,2,2-Tetrachloroethane	ug/Kg	< 5.2		02/28/08	5.2083	EPA8260
2,3-Trichloropropene	ug/Kg	< 5.2		02/28/08	5.2083	EPA8260
n-Propylbenzene	ug/Kg	< 5.2		02/28/08	5.2083	EPA8260
o-Chlorotoluene	ug/Kg	< 5.2		02/28/08	5.2083	EPA8260
3,5-Trimethylbenzene	ug/Kg	< 5.2		02/28/08	5.2083	EPA8260
p-Chlorotoluene	ug/Kg	< 5.2		02/28/08	5.2083	EPA8260
tert-Butylbenzene	ug/Kg	< 5.2		02/28/08	5.2083	EPA8260
2,4-Trimethylbenzene	ug/Kg	< 5.2		02/28/08	5.2083	EPA8260
sec-Butylbenzene	ug/Kg	< 5.2		02/28/08	5.2083	EPA8260
n-Isopropyltoluene	ug/Kg	< 5.2		02/28/08	5.2083	EPA8260

cc:Walden Env., Peter Brighton

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.280732.11

04/18/08

Bayville Village Cleaners
16 Todd Drive
Glen Head, NY 11545
ATTN: Tom Ryan

PO#:

SOURCE OF SAMPLE: Bayville Village Cleaners, #BVC0106

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:02/21/08 RECEIVED:02/22/08

TIME COL'D:1340

MATRIX:Soil

SAMPLE: SB-3

Results reported on a dry weight basis

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
1,3 Dichlorobenzene (v)	ug/Kg	< 5.2		02/28/08	5.2083	EPA8260
1,4 Dichlorobenzene (v)	ug/Kg	< 5.2		02/28/08	5.2083	EPA8260
n-Butylbenzene	ug/Kg	< 5.2		02/28/08	5.2083	EPA8260
1,2 Dichlorobenzene (v)	ug/Kg	< 5.2		02/28/08	5.2083	EPA8260
Dibromochloropropane	ug/Kg	< 5.2		02/28/08	5.2083	EPA8260
124-Trichlorobenzene (v)	ug/Kg	< 5.2		02/28/08	5.2083	EPA8260
Hexachlorobutadiene	ug/Kg	< 5.2		02/28/08	5.2083	EPA8260
Naphthalene(v)	ug/Kg	< 5.2		02/28/08	5.2083	EPA8260
1,2,3-Trichlorobenzene	ug/Kg	< 5.2		02/28/08	5.2083	EPA8260
t-ButylMethylEther	ug/Kg	< 5.2		02/28/08	5.2083	EPA8260
p-Ethyltoluene	ug/Kg	< 5.2		02/28/08	5.2083	EPA8260
Freon 113	ug/Kg	< 5.2		02/28/08	5.2083	EPA8260
1245 Tetramethylbenz	ug/Kg	< 5.2		02/28/08	5.2083	EPA8260
Acetone	ug/Kg	< 52		02/28/08	52.083	EPA8260
Methyl Ethyl Ketone	ug/Kg	< 52		02/28/08	52.083	EPA8260
Methylisobutylketone	ug/Kg	< 52		02/28/08	52.083	EPA8260
Chlorodifluoromethane	ug/Kg	< 5.2		02/28/08	5.2083	EPA8260
p Diethylbenzene	ug/Kg	< 5.2		02/28/08	5.2083	EPA8260
% Solids		96		02/28/08	0.1	SM182540G

cc:Walden Env.. Peter Brighton

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 4741

NYSDOH ID # 10320

Page 3 of 3

ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO. 280732.12

04/18/08

Bayville Village Cleaners
16 Todd Drive
Glen Head, NY 11545

ATTN: Tom Ryan

PO#:

SOURCE OF SAMPLE: Bayville Village Cleaners, #BVC0106

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D: 02/21/08 RECEIVED: 02/22/08

TIME COL'D: 1400

MATRIX: Soil

SAMPLE: SB-4

Results reported on a dry weight basis

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Dichlorodifluoromethane	ug/Kg	< 5.6		02/28/08	5.5555	EPA8260
Chloromethane	ug/Kg	< 5.6		02/28/08	5.5555	EPA8260
Vinyl Chloride	ug/Kg	< 5.6		02/28/08	5.5555	EPA8260
Bromomethane	ug/Kg	< 5.6		02/28/08	5.5555	EPA8260
Chloroethane	ug/Kg	< 5.6		02/28/08	5.5555	EPA8260
Trichlorofluoromethane	ug/Kg	< 5.6		02/28/08	5.5555	EPA8260
1,1-Dichloroethene	ug/Kg	< 5.6		02/28/08	5.5555	EPA8260
Ethylene Chloride	ug/Kg	< 5.6		02/28/08	5.5555	EPA8260
1,2-Dichloroethene	ug/Kg	< 5.6		02/28/08	5.5555	EPA8260
1,1-Dichloroethane	ug/Kg	< 5.6		02/28/08	5.5555	EPA8260
1,2-Dichloropropane	ug/Kg	< 5.6		02/28/08	5.5555	EPA8260
1,2-Dichloroethene	ug/Kg	< 5.6		02/28/08	5.5555	EPA8260
Bromochloromethane	ug/Kg	< 5.6		02/28/08	5.5555	EPA8260
Chloroform	ug/Kg	< 5.6		02/28/08	5.5555	EPA8260
1,1,1-Trichloroethane	ug/Kg	< 5.6		02/28/08	5.5555	EPA8260
Carbon Tetrachloride	ug/Kg	< 5.6		02/28/08	5.5555	EPA8260
1,1-Dichloropropene	ug/Kg	< 5.6		02/28/08	5.5555	EPA8260
Benzene	ug/Kg	< 5.6		02/28/08	5.5555	EPA8260
1,2-Dichloroethane	ug/Kg	< 5.6		02/28/08	5.5555	EPA8260
Trichloroethene	ug/Kg	< 5.6		02/28/08	5.5555	EPA8260
1,2-Dichloropropane	ug/Kg	< 5.6		02/28/08	5.5555	EPA8260
Isobromomethane	ug/Kg	< 5.6		02/28/08	5.5555	EPA8260
Bromodichloromethane	ug/Kg	< 5.6		02/28/08	5.5555	EPA8260
1,3-Dichloropropene	ug/Kg	< 5.6		02/28/08	5.5555	EPA8260
Bluene	ug/Kg	< 5.6		02/28/08	5.5555	EPA8260

cc:Walden Env., Peter Brighton

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO. 280732.12

04/18/08

Bayville Village Cleaners
16 Todd Drive
Glen Head, NY 11545

ATTN: Tom Ryan

PO#:

SOURCE OF SAMPLE: Bayville Village Cleaners. #BVC0106

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D: 02/21/08 RECEIVED: 02/22/08

TIME COL'D: 1400

MATRIX: Soil

SAMPLE: SB-4

Results reported on a dry weight basis

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
t-1,3Dichloropropene	ug/Kg	< 5.6		02/28/08	5.5555	EPA8260
112 Trichloroethane	ug/Kg	< 5.6		02/28/08	5.5555	EPA8260
Tetrachloroethene	ug/Kg	16		02/28/08	5.5555	EPA8260
1,3-Dichloropropane	ug/Kg	< 5.6		02/28/08	5.5555	EPA8260
Chlorodibromomethane	ug/Kg	< 5.6		02/28/08	5.5555	EPA8260
1,2 Dibromoethane	ug/Kg	< 5.6		02/28/08	5.5555	EPA8260
Chlorobenzene	ug/Kg	< 5.6		02/28/08	5.5555	EPA8260
Ethyl Benzene	ug/Kg	< 5.6		02/28/08	5.5555	EPA8260
1,1,2Tetrachloroethane	ug/Kg	< 5.6		02/28/08	5.5555	EPA8260
m,p Xylene	ug/Kg	< 11		02/28/08	11.111	EPA8260
o Xylene	ug/Kg	< 5.6		02/28/08	5.5555	EPA8260
Styrene	ug/Kg	< 5.6		02/28/08	5.5555	EPA8260
Bromoform	ug/Kg	< 5.6		02/28/08	5.5555	EPA8260
Isopropylbenzene	ug/Kg	< 5.6		02/28/08	5.5555	EPA8260
Bromobenzene	ug/Kg	< 5.6		02/28/08	5.5555	EPA8260
1,1,2,2Tetrachloroethane	ug/Kg	< 5.6		02/28/08	5.5555	EPA8260
1,2,3-Trichloropropane	ug/Kg	< 5.6		02/28/08	5.5555	EPA8260
n-Propylbenzene	ug/Kg	< 5.6		02/28/08	5.5555	EPA8260
2-Chlorotoluene	ug/Kg	< 5.6		02/28/08	5.5555	EPA8260
1,3,5-Trimethylbenzene	ug/Kg	< 5.6		02/28/08	5.5555	EPA8260
4-Chlorotoluene	ug/Kg	< 5.6		02/28/08	5.5555	EPA8260
tert-Butylbenzene	ug/Kg	< 5.6		02/28/08	5.5555	EPA8260
1,2,4-Trimethylbenzene	ug/Kg	< 5.6		02/28/08	5.5555	EPA8260
sec-Butylbenzene	ug/Kg	< 5.6		02/28/08	5.5555	EPA8260
p-Isopropyltoluene	ug/Kg	< 5.6		02/28/08	5.5555	EPA8260

cc:Walden Env., Peter Brighton

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO. 280732.12

04/18/08

Bayville Village Cleaners
16 Todd Drive
Glen Head, NY 11545

ATTN: Tom Ryan

PO#:

SOURCE OF SAMPLE: Bayville Village Cleaners, #BVC0106

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D: 02/21/08 RECEIVED: 02/22/08

TIME COL'D: 1400

MATRIX: Soil SAMPLE: SB-4

Results reported on a dry weight basis

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
1,3-Dichlorobenzene (v)	ug/Kg	< 5.6		02/28/08	5.5555	EPA8260
1,4-Dichlorobenzene (v)	ug/Kg	< 5.6		02/28/08	5.5555	EPA8260
n-Butylbenzene	ug/Kg	< 5.6		02/28/08	5.5555	EPA8260
1,2-Dichlorobenzene (v)	ug/Kg	< 5.6		02/28/08	5.5555	EPA8260
1-bromochloropropane	ug/Kg	< 5.6		02/28/08	5.5555	EPA8260
2,4-Trichlorobenzene (v)	ug/Kg	< 5.6		02/28/08	5.5555	EPA8260
Hexachlorobutadiene	ug/Kg	< 5.6		02/28/08	5.5555	EPA8260
Naphthalene (v)	ug/Kg	< 5.6		02/28/08	5.5555	EPA8260
2,3-Trichlorobenzene	ug/Kg	< 5.6		02/28/08	5.5555	EPA8260
tert-ButylMethylEther	ug/Kg	< 5.6		02/28/08	5.5555	EPA8260
n-Ethyltoluene	ug/Kg	< 5.6		02/28/08	5.5555	EPA8260
Acetone	ug/Kg	< 5.6		02/28/08	5.5555	EPA8260
2,4,5-Tetramethylbenz	ug/Kg	< 5.6		02/28/08	5.5555	EPA8260
acetone	ug/Kg	< 56		02/28/08	55.555	EPA8260
ethyl Ethyl Ketone	ug/Kg	< 56		02/28/08	55.555	EPA8260
ethylisobutylketone	ug/Kg	< 56		02/28/08	55.555	EPA8260
Chlorodifluoromethane	ug/Kg	< 5.6		02/28/08	5.5555	EPA8260
Diethylbenzene	ug/Kg	< 5.6		02/28/08	5.5555	EPA8260
Solids		90		02/28/08	0.1	SM182540G

cc:Walden Env., Peter Brighton

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO. 280732.13

04/18/08

Bayville Village Cleaners
16 Todd Drive

Glen Head, NY 11545

ATTN: Tom Ryan

PO#:

SOURCE OF SAMPLE: Bayville Village Cleaners. #BVC0106

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D: 02/21/08 RECEIVED: 02/22/08

TIME COL'D: 1425

MATRIX: Soil

SAMPLE: SB-5

Results reported on a dry weight basis

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Dichlorodifluoromethane	ug/Kg	< 5.3		02/28/08	5.3191	EPA8260
Chloromethane	ug/Kg	< 5.3		02/28/08	5.3191	EPA8260
Vinyl Chloride	ug/Kg	< 5.3		02/28/08	5.3191	EPA8260
Bromomethane	ug/Kg	< 5.3		02/28/08	5.3191	EPA8260
Chloroethane	ug/Kg	< 5.3		02/28/08	5.3191	EPA8260
Trichlorofluoromethane	ug/Kg	< 5.3		02/28/08	5.3191	EPA8260
1,1 Dichloroethene	ug/Kg	< 5.3		02/28/08	5.3191	EPA8260
Methylene Chloride	ug/Kg	< 5.3		02/28/08	5.3191	EPA8260
trans-1,2-Dichloroethene	ug/Kg	< 5.3		02/28/08	5.3191	EPA8260
1,1-Dichloroethane	ug/Kg	< 5.3		02/28/08	5.3191	EPA8260
2,2-Dichloropropane	ug/Kg	< 5.3		02/28/08	5.3191	EPA8260
cis-1,2-Dichloroethene	ug/Kg	< 5.3		02/28/08	5.3191	EPA8260
Bromochloromethane	ug/Kg	< 5.3		02/28/08	5.3191	EPA8260
Chloroform	ug/Kg	< 5.3		02/28/08	5.3191	EPA8260
1,1,1 Trichloroethane	ug/Kg	< 5.3		02/28/08	5.3191	EPA8260
Carbon Tetrachloride	ug/Kg	< 5.3		02/28/08	5.3191	EPA8260
1,1-Dichloropropene	ug/Kg	< 5.3		02/28/08	5.3191	EPA8260
Benzene	ug/Kg	< 5.3		02/28/08	5.3191	EPA8260
1,2 Dichloroethane	ug/Kg	< 5.3		02/28/08	5.3191	EPA8260
Trichloroethene	ug/Kg	< 5.3		02/28/08	5.3191	EPA8260
1,2 Dichloropropane	ug/Kg	< 5.3		02/28/08	5.3191	EPA8260
Dibromomethane	ug/Kg	< 5.3		02/28/08	5.3191	EPA8260
Bromodichloromethane	ug/Kg	< 5.3		02/28/08	5.3191	EPA8260
cis-1,3Dichloropropene	ug/Kg	< 5.3		02/28/08	5.3191	EPA8260
Toluene	ug/Kg	< 5.3		02/28/08	5.3191	EPA8260

cc:Walden Env., Peter Brighton

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 4745

NYSDOH ID # 10320

Page 1 of 3

ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

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LAB NO.280732.13

04/18/08

Bayville Village Cleaners
16 Todd Drive

Glen Head, NY 11545

ATTN: Tom Ryan

PO#:

SOURCE OF SAMPLE: Bayville Village Cleaners. #BVC0106

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:02/21/08 RECEIVED:02/22/08

TIME COL'D:1425

MATRIX:Soil

SAMPLE: SB-5

Results reported on a dry weight basis

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
1,3Dichloropropene	ug/Kg	< 5.3		02/28/08	5.3191	EPA8260
1,2 Trichloroethane	ug/Kg	< 5.3		02/28/08	5.3191	EPA8260
Tetrachloroethene	ug/Kg	< 5.3		02/28/08	5.3191	EPA8260
1,3-Dichloropropane	ug/Kg	< 5.3		02/28/08	5.3191	EPA8260
Chlorodibromomethane	ug/Kg	< 5.3		02/28/08	5.3191	EPA8260
1,2 Dibromoethane	ug/Kg	< 5.3		02/28/08	5.3191	EPA8260
Chlorobenzene	ug/Kg	< 5.3		02/28/08	5.3191	EPA8260
Ethyl Benzene	ug/Kg	< 5.3		02/28/08	5.3191	EPA8260
1,1,2,2Tetrachloroethane	ug/Kg	< 5.3		02/28/08	5.3191	EPA8260
m + p Xylene	ug/Kg	< 11		02/28/08	10.638	EPA8260
Xylene	ug/Kg	< 5.3		02/28/08	5.3191	EPA8260
styrene	ug/Kg	< 5.3		02/28/08	5.3191	EPA8260
Formoform	ug/Kg	< 5.3		02/28/08	5.3191	EPA8260
Isopropylbenzene	ug/Kg	< 5.3		02/28/08	5.3191	EPA8260
Bromobenzene	ug/Kg	< 5.3		02/28/08	5.3191	EPA8260
1,2,2,4Tetrachloroethane	ug/Kg	< 5.3		02/28/08	5.3191	EPA8260
2,3-Trichloropropane	ug/Kg	< 5.3		02/28/08	5.3191	EPA8260
n-Propylbenzene	ug/Kg	< 5.3		02/28/08	5.3191	EPA8260
n-Chlorotoluene	ug/Kg	< 5.3		02/28/08	5.3191	EPA8260
3,5-Trimethylbenzene	ug/Kg	< 5.3		02/28/08	5.3191	EPA8260
n-Chlorotoluene	ug/Kg	< 5.3		02/28/08	5.3191	EPA8260
tert-Butylbenzene	ug/Kg	< 5.3		02/28/08	5.3191	EPA8260
2,4-Trimethylbenzene	ug/Kg	< 5.3		02/28/08	5.3191	EPA8260
sec-Butylbenzene	ug/Kg	< 5.3		02/28/08	5.3191	EPA8260
n-Isopropyltoluene	ug/Kg	< 5.3		02/28/08	5.3191	EPA8260

cc:Walden Env., Peter Brighton

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR 

ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO. 280732.13

04/18/08

Bayville Village Cleaners
16 Todd Drive
Glen Head, NY 11545

ATTN: Tom Ryan

PO#:

SOURCE OF SAMPLE: Bayville Village Cleaners. #BVG0106

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D: 02/21/08 RECEIVED: 02/22/08

TIME COL'D: 1425

MATRIX: Soil

SAMPLE: SB-5

Results reported on a dry weight basis

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF		ANALYTICAL
				ANALYSIS	LRL	METHOD
1,3 Dichlorobenzene (v)	ug/Kg	< 5.3		02/28/08	5.3191	EPA8260
1,4 Dichlorobenzene (v)	ug/Kg	< 5.3		02/28/08	5.3191	EPA8260
n-Butylbenzene	ug/Kg	< 5.3		02/28/08	5.3191	EPA8260
1,2 Dichlorobenzene (v)	ug/Kg	< 5.3		02/28/08	5.3191	EPA8260
Dibromochloropropane	ug/Kg	< 5.3		02/28/08	5.3191	EPA8260
124-Trichlorobenzene (v)	ug/Kg	< 5.3		02/28/08	5.3191	EPA8260
Hexachlorobutadiene	ug/Kg	< 5.3		02/28/08	5.3191	EPA8260
Naphthalene(v)	ug/Kg	< 5.3		02/28/08	5.3191	EPA8260
1,2,3-Trichlorobenzene	ug/Kg	< 5.3		02/28/08	5.3191	EPA8260
t-ButylMethylEther	ug/Kg	< 5.3		02/28/08	5.3191	EPA8260
p-Ethyltoluene	ug/Kg	< 5.3		02/28/08	5.3191	EPA8260
Freon 113	ug/Kg	< 5.3		02/28/08	5.3191	EPA8260
1245 Tetramethylbenz	ug/Kg	< 5.3		02/28/08	5.3191	EPA8260
Acetone	ug/Kg	< 53		02/28/08	53.191	EPA8260
Methyl Ethyl Ketone	ug/Kg	< 53		02/28/08	53.191	EPA8260
Methylisobutylketone	ug/Kg	< 53		02/28/08	53.191	EPA8260
Chlorodifluoromethane	ug/Kg	< 5.3		02/28/08	5.3191	EPA8260
p Diethylbenzene	ug/Kg	< 5.3		02/28/08	5.3191	EPA8260
% Solids		94		02/28/08	0.1	SM182540G

cc:Walden Env., Peter Brighton

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR



rn = 4747

NYSDOH ID # 10320

Page 3 of 3

ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO. 280732.14

04/18/08

Bayville Village Cleaners
16 Todd Drive

Glen Head, NY 11545

ATTN: Tom Ryan

PO#:

SOURCE OF SAMPLE: Bayville Village Cleaners, #BVC0106

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D: 02/21/08 RECEIVED: 02/22/08

TIME COL'D: 1440

MATRIX: Soil SAMPLE: SB-6

Results reported on a dry weight basis

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Dichlorodifluoromethane	ug/Kg	< 5.4		02/28/08	5.4347	EPA8260
Chloromethane	ug/Kg	< 5.4		02/28/08	5.4347	EPA8260
Vinyl Chloride	ug/Kg	< 5.4		02/28/08	5.4347	EPA8260
Bromomethane	ug/Kg	< 5.4		02/28/08	5.4347	EPA8260
Chloroethane	ug/Kg	< 5.4		02/28/08	5.4347	EPA8260
Trichlorofluoromethane	ug/Kg	< 5.4		02/28/08	5.4347	EPA8260
1,1-Dichloroethene	ug/Kg	< 5.4		02/28/08	5.4347	EPA8260
Ethylene Chloride	ug/Kg	< 5.4		02/28/08	5.4347	EPA8260
1,2-Dichloroethene	ug/Kg	< 5.4		02/28/08	5.4347	EPA8260
1,1-Dichloroethane	ug/Kg	< 5.4		02/28/08	5.4347	EPA8260
1,2-Dichloropropane	ug/Kg	< 5.4		02/28/08	5.4347	EPA8260
1,2-Dichloroethene	ug/Kg	< 5.4		02/28/08	5.4347	EPA8260
Bromochloromethane	ug/Kg	< 5.4		02/28/08	5.4347	EPA8260
Chloroform	ug/Kg	< 5.4		02/28/08	5.4347	EPA8260
1,1,1-Trichloroethane	ug/Kg	< 5.4		02/28/08	5.4347	EPA8260
Carbon Tetrachloride	ug/Kg	< 5.4		02/28/08	5.4347	EPA8260
1,1-Dichloropropene	ug/Kg	< 5.4		02/28/08	5.4347	EPA8260
Benzene	ug/Kg	< 5.4		02/28/08	5.4347	EPA8260
1,2-Dichloroethane	ug/Kg	< 5.4		02/28/08	5.4347	EPA8260
Trichloroethene	ug/Kg	< 5.4		02/28/08	5.4347	EPA8260
1,2-Dichloropropane	ug/Kg	< 5.4		02/28/08	5.4347	EPA8260
Isobromomethane	ug/Kg	< 5.4		02/28/08	5.4347	EPA8260
Bromodichloromethane	ug/Kg	< 5.4		02/28/08	5.4347	EPA8260
1,3-Dichloropropene	ug/Kg	< 5.4		02/28/08	5.4347	EPA8260
Toluene	ug/Kg	< 5.4		02/28/08	5.4347	EPA8260

cc:Walden Env., Peter Brighton

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 4748

NYSDOH ID # 10320

Page 1 of 3

ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO. 280732.14

04/18/08

Bayville Village Cleaners
16 Todd Drive
Glen Head, NY 11545

ATTN: Tom Ryan

PO#:

SOURCE OF SAMPLE: Bayville Village Cleaners, #BVC0106

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D: 02/21/08 RECEIVED: 02/22/08

TIME COL'D: 1440

MATRIX: Soil

SAMPLE: SB-6

Results reported on a dry weight basis

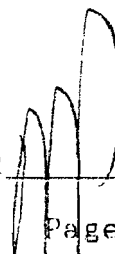
ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF	LRL	ANALYTICAL
				ANALYSIS		METHOD
t-1,3Dichloropropene	ug/Kg	< 5.4		02/28/08	5.4347	EPA8260
112 Trichloroethane	ug/Kg	< 5.4		02/28/08	5.4347	EPA8260
Tetrachloroethene	ug/Kg	< 5.4		02/28/08	5.4347	EPA8260
1,3-Dichloropropane	ug/Kg	< 5.4		02/28/08	5.4347	EPA8260
Chlorodibromomethane	ug/Kg	< 5.4		02/28/08	5.4347	EPA8260
1,2 Dibromoethane	ug/Kg	< 5.4		02/28/08	5.4347	EPA8260
Chlorobenzene	ug/Kg	< 5.4		02/28/08	5.4347	EPA8260
Ethyl Benzene	ug/Kg	< 5.4		02/28/08	5.4347	EPA8260
1,1,2-Tetrachloroethane	ug/Kg	< 5.4		02/28/08	5.4347	EPA8260
m,p Xylene	ug/Kg	< 11		02/28/08	10.869	EPA8260
o Xylene	ug/Kg	< 5.4		02/28/08	5.4347	EPA8260
Styrene	ug/Kg	< 5.4		02/28/08	5.4347	EPA8260
Bromoform	ug/Kg	< 5.4		02/28/08	5.4347	EPA8260
Isopropylbenzene	ug/Kg	< 5.4		02/28/08	5.4347	EPA8260
Bromobenzene	ug/Kg	< 5.4		02/28/08	5.4347	EPA8260
1,1,2,2-Tetrachloroethane	ug/Kg	< 5.4		02/28/08	5.4347	EPA8260
1,2,3-Trichloropropane	ug/Kg	< 5.4		02/28/08	5.4347	EPA8260
n-Propylbenzene	ug/Kg	< 5.4		02/28/08	5.4347	EPA8260
2-Chlorotoluene	ug/Kg	< 5.4		02/28/08	5.4347	EPA8260
1,3,5-Trimethylbenzene	ug/Kg	< 5.4		02/28/08	5.4347	EPA8260
4-Chlorotoluene	ug/Kg	< 5.4		02/28/08	5.4347	EPA8260
tert-Butylbenzene	ug/Kg	< 5.4		02/28/08	5.4347	EPA8260
1,2,4-Trimethylbenzene	ug/Kg	< 5.4		02/28/08	5.4347	EPA8260
sec-Butylbenzene	ug/Kg	< 5.4		02/28/08	5.4347	EPA8260
p-Isopropyltoluene	ug/Kg	< 5.4		02/28/08	5.4347	EPA8260

cc:Walden Env., Peter Brighton

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR



ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.280732.14

04/18/08

Bayville Village Cleaners
16 Todd Drive
Glen Head, NY 11545

ATTN: Tom Ryan

PO#:

SOURCE OF SAMPLE: Bayville Village Cleaners, #BVC0106

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:02/21/08 RECEIVED:02/22/08

TIME COL'D:1440

MATRIX:Soil

SAMPLE: SB-6

Results reported on a dry weight basis

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
1,3 Dichlorobenzene (v)	ug/Kg	< 5.4		02/28/08	5.4347	EPA8260
1,4 Dichlorobenzene (v)	ug/Kg	< 5.4		02/28/08	5.4347	EPA8260
n-Butylbenzene	ug/Kg	< 5.4		02/28/08	5.4347	EPA8260
1,2 Dichlorobenzene (v)	ug/Kg	< 5.4		02/28/08	5.4347	EPA8260
1-bromochloropropane	ug/Kg	< 5.4		02/28/08	5.4347	EPA8260
1,2,4-Trichlorobenzene (v)	ug/Kg	< 5.4		02/28/08	5.4347	EPA8260
1,1-dichloro-2,2-dibromobutadiene	ug/Kg	< 5.4		02/28/08	5.4347	EPA8260
1-naphthalene(v)	ug/Kg	< 5.4		02/28/08	5.4347	EPA8260
1,2,3-Trichlorobenzene	ug/Kg	< 5.4		02/28/08	5.4347	EPA8260
1-ethyl-3-methylbutyl Ether	ug/Kg	< 5.4		02/28/08	5.4347	EPA8260
1-ethyltoluene	ug/Kg	< 5.4		02/28/08	5.4347	EPA8260
1-methyl-2-naphthol 113	ug/Kg	< 5.4		02/28/08	5.4347	EPA8260
1,2,4,5-Tetramethylbenzene	ug/Kg	< 5.4		02/28/08	5.4347	EPA8260
1-methyl-2-pentanone	ug/Kg	< 5.4		02/28/08	5.4347	EPA8260
1-ethyl-2-methyl-2-pentanone	ug/Kg	< 5.4		02/28/08	5.4347	EPA8260
1,1-dichloro-2,2-difluoromethane	ug/Kg	< 5.4		02/28/08	5.4347	EPA8260
1,2-diethylbenzene	ug/Kg	< 5.4		02/28/08	5.4347	EPA8260
Solids		92		02/28/08	0.1	SM182540G

cc:Walden Env., Peter Brighton

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 4750

NYSDOH ID # 10320

Page 3 of 3

ECOTEST LABORATORIES, INC.**ENVIRONMENTAL TESTING**

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.280732.15

04/18/08

Bayville Village Cleaners
16 Todd Drive
Glen Head, NY 11545

ATTN: Tom Ryan

PO#:

SOURCE OF SAMPLE: Bayville Village Cleaners. #BVC0106

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:02/21/08 RECEIVED:02/22/08

TIME COL'D:1450

MATRIX:Soil

SAMPLE: SB-7

Results reported on a dry weight basis

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Dichlordifluoromethane	ug/Kg	< 5.4		02/28/08	5.3763	EPA8260
Chloromethane	ug/Kg	< 5.4		02/28/08	5.3763	EPA8260
Vinyl Chloride	ug/Kg	< 5.4		02/28/08	5.3763	EPA8260
Bromomethane	ug/Kg	< 5.4		02/28/08	5.3763	EPA8260
Chloroethane	ug/Kg	< 5.4		02/28/08	5.3763	EPA8260
Trichlorofluoromethane	ug/Kg	< 5.4		02/28/08	5.3763	EPA8260
1,1 Dichloroethene	ug/Kg	< 5.4		02/28/08	5.3763	EPA8260
Methylene Chloride	ug/Kg	< 5.4		02/28/08	5.3763	EPA8260
trans-1,2-Dichloroethene	ug/Kg	< 5.4		02/28/08	5.3763	EPA8260
1,1-Dichloroethane	ug/Kg	< 5.4		02/28/08	5.3763	EPA8260
2,2-Dichloropropane	ug/Kg	< 5.4		02/28/08	5.3763	EPA8260
cis-1,2-Dichloroethene	ug/Kg	< 5.4		02/28/08	5.3763	EPA8260
Bromochloromethane	ug/Kg	< 5.4		02/28/08	5.3763	EPA8260
Chloroform	ug/Kg	< 5.4		02/28/08	5.3763	EPA8260
1,1,1 Trichloroethane	ug/Kg	< 5.4		02/28/08	5.3763	EPA8260
Carbon Tetrachloride	ug/Kg	< 5.4		02/28/08	5.3763	EPA8260
1,1-Dichloropropene	ug/Kg	< 5.4		02/28/08	5.3763	EPA8260
Benzene	ug/Kg	< 5.4		02/28/08	5.3763	EPA8260
1,2 Dichloroethane	ug/Kg	< 5.4		02/28/08	5.3763	EPA8260
Trichloroethene	ug/Kg	< 5.4		02/28/08	5.3763	EPA8260
1,2 Dichloropropane	ug/Kg	< 5.4		02/28/08	5.3763	EPA8260
Dibromomethane	ug/Kg	< 5.4		02/28/08	5.3763	EPA8260
Bromodichloromethane	ug/Kg	< 5.4		02/28/08	5.3763	EPA8260
cis-1,3Dichloropropene	ug/Kg	< 5.4		02/28/08	5.3763	EPA8260
Toluene	ug/Kg	< 5.4		02/28/08	5.3763	EPA8260

cc:Walden Env., Peter Brighton

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO. 280732.15

04/18/08

Bayville Village Cleaners
16 Todd Drive
Glen Head, NY 11545

ATTN: Tom Ryan

PO#:

SOURCE OF SAMPLE: Bayville Village Cleaners, #BVC0106

SOURCE OF SAMPLE:

COLLECTED BY: Client DATE COL'D: 02/21/08 RECEIVED: 02/22/08

TIME COL'D: 1450

MATRIX: Soil SAMPLE: SB-7

Results reported on a dry weight basis

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
1,3-Dichloropropene	ug/Kg	< 5.4		02/28/08	5.3763	EPA8260
1,2 Trichloroethane	ug/Kg	< 5.4		02/28/08	5.3763	EPA8260
Tetrachloroethene	ug/Kg	< 5.4		02/28/08	5.3763	EPA8260
1,3-Dichloropropane	ug/Kg	< 5.4		02/28/08	5.3763	EPA8260
Chlorodibromomethane	ug/Kg	< 5.4		02/28/08	5.3763	EPA8260
1,2 Dibromoethane	ug/Kg	< 5.4		02/28/08	5.3763	EPA8260
Chlorobenzene	ug/Kg	< 5.4		02/28/08	5.3763	EPA8260
Ethyl Benzene	ug/Kg	< 5.4		02/28/08	5.3763	EPA8260
1,1,2,2-Tetrachloroethane	ug/Kg	< 5.4		02/28/08	5.3763	EPA8260
m + p Xylene	ug/Kg	< 11		02/28/08	10.752	EPA8260
Xylene	ug/Kg	< 5.4		02/28/08	5.3763	EPA8260
styrene	ug/Kg	< 5.4		02/28/08	5.3763	EPA8260
Formoform	ug/Kg	< 5.4		02/28/08	5.3763	EPA8260
Isopropylbenzene	ug/Kg	< 5.4		02/28/08	5.3763	EPA8260
Bromobenzene	ug/Kg	< 5.4		02/28/08	5.3763	EPA8260
1,2,2,2-Tetrachloroethane	ug/Kg	< 5.4		02/28/08	5.3763	EPA8260
2,3-Trichloropropane	ug/Kg	< 5.4		02/28/08	5.3763	EPA8260
n-Propylbenzene	ug/Kg	< 5.4		02/28/08	5.3763	EPA8260
n-Chlorotoluene	ug/Kg	< 5.4		02/28/08	5.3763	EPA8260
3,5-Trimethylbenzene	ug/Kg	< 5.4		02/28/08	5.3763	EPA8260
n-Chlorotoluene	ug/Kg	< 5.4		02/28/08	5.3763	EPA8260
tert-Butylbenzene	ug/Kg	< 5.4		02/28/08	5.3763	EPA8260
2,4-Trimethylbenzene	ug/Kg	< 5.4		02/28/08	5.3763	EPA8260
sec-Butylbenzene	ug/Kg	< 5.4		02/28/08	5.3763	EPA8260
n-Isopropyltoluene	ug/Kg	< 5.4		02/28/08	5.3763	EPA8260

cc:Walden Env., Peter Brighton

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 4752

NYSDOH ID # 10320

Page 2 of 3

ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.280732.15

04/18/08

Bayville Village Cleaners
16 Todd Drive

Glen Head, NY 11545

ATTN: Tom Ryan

PO#:

SOURCE OF SAMPLE: Bayville Village Cleaners. #BVC0106

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:02/21/08 RECEIVED:02/22/08

TIME COL'D:1450

MATRIX:Soil

SAMPLE: SB-7

Results reported on a dry weight basis

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
1,3 Dichlorobenzene (v)	ug/Kg	< 5.4		02/28/08	5.3763	EPA8260
1,4 Dichlorobenzene (v)	ug/Kg	< 5.4		02/28/08	5.3763	EPA8260
n-Butylbenzene	ug/Kg	< 5.4		02/28/08	5.3763	EPA8260
1,2 Dichlorobenzene (v)	ug/Kg	< 5.4		02/28/08	5.3763	EPA8260
Dibromochloropropane	ug/Kg	< 5.4		02/28/08	5.3763	EPA8260
124-Trichlorobenzene (v)	ug/Kg	< 5.4		02/28/08	5.3763	EPA8260
Hexachlorobutadiene	ug/Kg	< 5.4		02/28/08	5.3763	EPA8260
Naphthalene(v)	ug/Kg	< 5.4		02/28/08	5.3763	EPA8260
1-Trichlorobenzene	ug/Kg	< 5.4		02/28/08	5.3763	EPA8260
tert-ButylMethylEther	ug/Kg	< 5.4		02/28/08	5.3763	EPA8260
p-Ethyltoluene	ug/Kg	< 5.4		02/28/08	5.3763	EPA8260
Freon 113	ug/Kg	< 5.4		02/28/08	5.3763	EPA8260
1245 Tetramethylbenz	ug/Kg	< 5.4		02/28/08	5.3763	EPA8260
Acetone	ug/Kg	< 54		02/28/08	53.763	EPA8260
Methyl Ethyl Ketone	ug/Kg	< 54		02/28/08	53.763	EPA8260
Methylisobutylketone	ug/Kg	< 54		02/28/08	53.763	EPA8260
Chlorodifluoromethane	ug/Kg	< 5.4		02/28/08	5.3763	EPA8260
p Diethylbenzene	ug/Kg	< 5.4		02/28/08	5.3763	EPA8260
% Solids		93		02/28/08	0.1	SM182540G

cc:Walden Env., Peter Brighton

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.280732.16

04/18/08

Bayville Village Cleaners
16 Todd Drive

Glen Head, NY 11545

ATTN: Tom Ryan

PO#:

SOURCE OF SAMPLE: Bayville Village Cleaners, #BVC0106

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:02/22/08 RECEIVED:02/22/08

TIME COL'D:1055

MATRIX:Soil SAMPLE: SB-8

Results reported on a dry weight basis

NALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
ichlordifluoromethane	ug/Kg	< 5.2		02/28/08	5.1546	EPA8260
hloromethane	ug/Kg	< 5.2		02/28/08	5.1546	EPA8260
inyl Chloride	ug/Kg	< 5.2		02/28/08	5.1546	EPA8260
romomethane	ug/Kg	< 5.2		02/28/08	5.1546	EPA8260
hloroethane	ug/Kg	< 5.2		02/28/08	5.1546	EPA8260
richlorofluoromethane	ug/Kg	< 5.2		02/28/08	5.1546	EPA8260
,1 Dichloroethene	ug/Kg	< 5.2		02/28/08	5.1546	EPA8260
ethylene Chloride	ug/Kg	< 5.2		02/28/08	5.1546	EPA8260
-1,2-Dichloroethene	ug/Kg	< 5.2		02/28/08	5.1546	EPA8260
,1 Dichloroethane	ug/Kg	< 5.2		02/28/08	5.1546	EPA8260
,2-Dichloropropane	ug/Kg	< 5.2		02/28/08	5.1546	EPA8260
-1,2-Dichloroethene	ug/Kg	< 5.2		02/28/08	5.1546	EPA8260
romochloromethane	ug/Kg	< 5.2		02/28/08	5.1546	EPA8260
hloroform	ug/Kg	< 5.2		02/28/08	5.1546	EPA8260
11 Trichloroethane	ug/Kg	< 5.2		02/28/08	5.1546	EPA8260
arbon Tetrachloride	ug/Kg	< 5.2		02/28/08	5.1546	EPA8260
,1-Dichloropropene	ug/Kg	< 5.2		02/28/08	5.1546	EPA8260
enzene	ug/Kg	< 5.2		02/28/08	5.1546	EPA8260
,2 Dichloroethane	ug/Kg	< 5.2		02/28/08	5.1546	EPA8260
richloroethene	ug/Kg	< 5.2		02/28/08	5.1546	EPA8260
,2 Dichloropropane	ug/Kg	< 5.2		02/28/08	5.1546	EPA8260
ibromomethane	ug/Kg	< 5.2		02/28/08	5.1546	EPA8260
romodichloromethane	ug/Kg	< 5.2		02/28/08	5.1546	EPA8260
-1,3Dichloropropene	ug/Kg	< 5.2		02/28/08	5.1546	EPA8260
oluene	ug/Kg	< 5.2		02/28/08	5.1546	EPA8260

cc:Walden Env., Peter Brighton

LRL=Laboratory Reporting Limit

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DATE COL'D:02/22/08 RECEIVED:02/22/08

TIME COL'D:1055

MATRIX:Soil

SAMPLE: SB-8

Results reported on a dry weight basis

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
t-1,3Dichloropropene	ug/Kg	< 5.2		02/28/08	5.1546	EPA8260
112 Trichloroethane	ug/Kg	< 5.2		02/28/08	5.1546	EPA8260
Tetrachloroethene	ug/Kg	< 5.2		02/28/08	5.1546	EPA8260
1,3-Dichloropropane	ug/Kg	< 5.2		02/28/08	5.1546	EPA8260
Chlorodibromomethane	ug/Kg	< 5.2		02/28/08	5.1546	EPA8260
1,2 Dibromoethane	ug/Kg	< 5.2		02/28/08	5.1546	EPA8260
Chlorobenzene	ug/Kg	< 5.2		02/28/08	5.1546	EPA8260
Ethyl Benzene	ug/Kg	< 5.2		02/28/08	5.1546	EPA8260
1,2,3-Tetrachloroethane	ug/Kg	< 5.2		02/28/08	5.1546	EPA8260
m,p Xylene	ug/Kg	< 10		02/28/08	10.309	EPA8260
o Xylene	ug/Kg	< 5.2		02/28/08	5.1546	EPA8260
Styrene	ug/Kg	< 5.2		02/28/08	5.1546	EPA8260
Bromoform	ug/Kg	< 5.2		02/28/08	5.1546	EPA8260
Isopropylbenzene	ug/Kg	< 5.2		02/28/08	5.1546	EPA8260
Bromobenzene	ug/Kg	< 5.2		02/28/08	5.1546	EPA8260
1,1,2,2-Tetrachloroethane	ug/Kg	< 5.2		02/28/08	5.1546	EPA8260
1,2,3-Trichloropropane	ug/Kg	< 5.2		02/28/08	5.1546	EPA8260
n-Propylbenzene	ug/Kg	< 5.2		02/28/08	5.1546	EPA8260
2-Chlorotoluene	ug/Kg	< 5.2		02/28/08	5.1546	EPA8260
1,3,5-Trimethylbenzene	ug/Kg	< 5.2		02/28/08	5.1546	EPA8260
4-Chlorotoluene	ug/Kg	< 5.2		02/28/08	5.1546	EPA8260
tert-Butylbenzene	ug/Kg	< 5.2		02/28/08	5.1546	EPA8260
1,2,4-Trimethylbenzene	ug/Kg	< 5.2		02/28/08	5.1546	EPA8260
sec-Butylbenzene	ug/Kg	< 5.2		02/28/08	5.1546	EPA8260
p-Isopropyltoluene	ug/Kg	< 5.2		02/28/08	5.1546	EPA8260

cc:Walden Env., Peter Brighton

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MATRIX: Soil

SAMPLE: SB-8

Results reported on a dry weight basis

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
,3 Dichlorobenzene (v)	ug/Kg	< 5.2		02/28/08	5.1546	EPA8260
,4 Dichlorobenzene (v)	ug/Kg	< 5.2		02/28/08	5.1546	EPA8260
-Butylbenzene	ug/Kg	< 5.2		02/28/08	5.1546	EPA8260
,2 Dichlorobenzene (v)	ug/Kg	< 5.2		02/28/08	5.1546	EPA8260
ibromochloropropane	ug/Kg	< 5.2		02/28/08	5.1546	EPA8260
24-Trichlorobenzene (v)	ug/Kg	< 5.2		02/28/08	5.1546	EPA8260
exachlorobutadiene	ug/Kg	< 5.2		02/28/08	5.1546	EPA8260
aphthalene(v)	ug/Kg	< 5.2		02/28/08	5.1546	EPA8260
23-Trichlorobenzene	ug/Kg	< 5.2		02/28/08	5.1546	EPA8260
er. ButylMethylEther	ug/Kg	< 5.2		02/28/08	5.1546	EPA8260
-Ethyltoluene	ug/Kg	< 5.2		02/28/08	5.1546	EPA8260
reon 113	ug/Kg	< 5.2		02/28/08	5.1546	EPA8260
245 Tetramethylbenz	ug/Kg	< 5.2		02/28/08	5.1546	EPA8260
etone	ug/Kg	< 52		02/28/08	51.546	EPA8260
ethyl Ethyl Ketone	ug/Kg	< 52		02/28/08	51.546	EPA8260
ethylisobutylketone	ug/Kg	< 52		02/28/08	51.546	EPA8260
hlorodifluoromethane	ug/Kg	< 5.2		02/28/08	5.1546	EPA8260
Diethylbenzene	ug/Kg	< 5.2		02/28/08	5.1546	EPA8260
Solids		97		02/28/08	0.1	SM182540G

cc:Walden Env., Peter Brighton

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

Appendix D

Data Usability Summary Report (DUSR)

Data Usability Summary Report

Soil Vapor Intrusion Investigation

Bayville Village Cleaners - VCP # V00220-1

290 Bayville Avenue, Bayville, New York

This Data Usability Summary Report (DUSR) has been prepared in accordance with the NYSDEC Draft DER-10 Appendix 2B Guidance for the Development of Data Usability Summary Reports. The DUSR provides a thorough evaluation of analytical data without using the services of an independent third party data validator. The primary objective of the DUSR is to determine whether or not the data presented meets project specific criteria for data quality and use.

The analytical data were evaluated by Ms. Susan Satterthwaite (Walden), whose experience and qualifications to prepare the DUSR for this project are presented in the attached resume. The samples collected for laboratory analysis as part of the soil vapor intrusion investigation conducted at 290 Bayville Avenue were submitted to Columbia Analytical Services, Inc (CAS), Simi Valley, California, a NYSDOH ELAP certified laboratory, and analyzed for VOCs using USEPA Method TO-15 with the analytical detection limits set forth in the NYSDOH guidance document. The DUSR process consisted of evaluating the analytical data package produced by CAS and answering the following questions.

1. Were there any deviations in the sampling protocol which deviated from established sampling procedures?

Regulators attached to the Summa[®] canisters for the indoor, outdoor, and sub-slab samples were set for 24 hours by the laboratory, however, these samples were collected over an 8-hour period. Although the correct regulators were not used, the sampling flow rate of less than 0.2 liters (200 mls) per minute was still achieved. Although the regulators used were not set for the correct time, the reliability of the laboratory results should not be affected.

2. Is the data package complete as defined under the requirements for the NYSDEC ASP Category B or USEPA CLP deliverables?

The sampling and analytical program outlined in the *Site Investigation Work Plan for VCP#: V00220-1; Voluntary Cleanup Agreement #: W1-0848-9903, Bayville Village Cleaners, 290 Bayville Road, Bayville, New York, Revised May 2007* prepared by Walden Associates (Work Plan) was designed to conform to the NYSDEC ASP Category B and USEPA CLP deliverables criteria. Both field sampling and laboratory analytical activities were performed with built-in QA/QC programs. The analytical laboratory (CAS) included method blanks and laboratory control samples as part of their standard QA/QC program. Additionally, the samples were handled in compliance with the holding time allowances.

2. Have all holding times been met?

Times of sample receipt, extraction, and analysis have been inspected to determine whether the holding time specifications have been met. All of the samples were analyzed within the specified holding times.

3. Do all QC data: blanks, instrument tunings, calibration standards, calibration verifications, surrogate recoveries, spike recoveries, replicate analyses, laboratory controls, and sample data fall within the protocol required limits and specifications.

All of the QC data and sample data were reviewed. The data evaluation indicated that all of the data meets the protocol required limits and specifications.

4. Have all the data been generated using established and agreed upon analytical protocols?

Laboratory analytical protocols have been developed by the USEPA and are published in USEPA Compendium Method TO-15 (Determination of Volatile Organic Compounds in Air Collected in Specially Prepared Canisters and Analyzed by Gas Chromatography/Mass Spectrometry). The review of the laboratory deliverables indicated that the analytical data for this project was generated following these standard protocols.

5. Does an evaluation of the raw data confirm the results provided in the data summary sheets and quality control verification forms?

An evaluation of the raw data confirmed the accuracy of the results provided in the data summary sheets and the quality control verification forms included in the analytical data package prepared by the laboratory.

6. Have the correct data qualifiers been used?

The laboratory provided a list of qualifiers used in their data reporting. QC failures such as detection below the reporting limit and matrix interference due to coelution with a non-target compound were checked back to the reported data to determine whether the qualifiers were properly used. The evaluation indicated that the laboratory flagged the data using the correct data qualifiers when necessary. The data qualifiers comply with the NYSDEC ASP 95 revised guidelines.

7. Have the minimum reporting limits been met?

The required reporting limits for the indoor air sample are $0.25 \mu\text{g}/\text{m}^3$ for TCE and $1.0 \mu\text{g}/\text{m}^3$ for all other reportable VOCs. A reporting limit of $1.5 \mu\text{g}/\text{m}^3$ was met for TCE, $3.1 \mu\text{g}/\text{m}^3$ for m,p-xylenes, and $1.5 \mu\text{g}/\text{m}^3$ for all other reportable VOCs.

The required reporting limits for the outdoor and soil vapor samples are $1.0 \mu\text{g}/\text{m}^3$ for all reportable VOCs. The required reporting limits were met for the outdoor air sample but not for the soil vapor samples, however, these reporting limits were below the established NYSDOH Air Guideline Values for all reportable VOCs except for TCE in one soil vapor sample (SV-4). The established NYSDOH Air Guideline Value for TCE is $5 \mu\text{g}/\text{m}^3$ and the reporting limit for this sample was $5.9 \mu\text{g}/\text{m}^3$.

In summary, the analytical data package review conducted when preparing this DUSR found no data deficiencies, analytical protocol deviations, or quality control problems that impact the quality of the data. No QC exceedances were identified and it was determined that none of the data should be rejected.

Prepared By:

Susan Satterthwaite, B.S.



Susan Satterthwaite Project Hydrogeologist

TECHNICAL SPECIALTIES:

Water and Air Sample Laboratory Analysis, QA/QC & Data Validation, Groundwater and Soil Investigations, Phase I and Phase II Environmental Site Assessments, Petroleum UST/AST Closure Assessments, Core Logging, Remedial System Design, Construction Oversight, Regulatory Compliance

EXPERIENCE SUMMARY:

Ms. Satterthwaite has 6 years experience with water and air sample laboratory analysis/analytical data validation, underground storage tank (UST) corrective action projects, Phase I and II environmental site assessments and has designed, installed and maintained various types of soil and groundwater remediation systems.

CREDENTIALS:

B.S. in Earth and Atmospheric Sciences, Specialization in Geology, University of Alberta

- Academic studies concentrated in areas of environmental geology, geochemistry and organic chemistry

KEY PROJECTS:

LABORATORY ANALYSIS, QA/QC & DATA VALIDATION

- Westbury, NY - Wrote a data usability summary report for a soil vapor intrusion study conducted at this site. Provided QA/QC and data validation support for the comparison between NYSDEC and client collected groundwater samples.
- Syncrude Groundwater Sample Analysis - Worked in environmental laboratory and ran analysis on all in-house water samples for parameters such as VOCs, semi-VOCs, nitrates/nitrites, metals, BOD, COD, sulfates and phenols. Laboratory data validation / analytical comparison of data for duplicate samples run for analysis by outside laboratory.
- Maxxam Analytics Laboratory Work – Ran analysis for air samples on the gas chromatogram and mass spectrometer in the gas laboratory. Performed QA/QC checks on all air samples analyzed for carbon isotopes using the mass spectrometer. Ran analysis on water samples for parameters such as nitrates/nitrites and phenols in environmental laboratory.
- Worked as quality assurance officer on various projects and oversaw field sampling work and performed QA/QC checks on sampling/field procedures and analytical data/protocol. Reviewed field/analytical data for meeting set standards, making sure analytical MDLs were met, checking blanks and duplicates, and for duplication of comparable analytical results in cases where duplicate samples were run by two different laboratories, including for high priority projects in litigation.

REMEDIATION DESIGN

- Westbury, NY – Assisted in the design of a remedial curtain using groundwater circulation wells (GCW) based on UVB technology. Provided oversight for the development of two GCWs and conducted pumping tests to determine optimal system pumping rates. Calculated potential system efficiency based on the fluctuating groundwater conditions.

UST/AST CLOSURE ASSESSMENTS

- Durham Community Health Center, Durham, NC – Supervised tank removal and closure activities including the removal of impacted soil according to State regulations
- Private Residences, Various Locations in NC, SC, GA – Supervised tank removal and closure activities including the removal of impacted soil and registration with State Trust Funds according to State regulations

CONSTRUCTION/DRILLING OVERSIGHT

- BP Oil, Spartanburg, SC - Supervision and drilling oversight for installation of a dual phase extraction system (GWE/SVE System) at a terminal facility. Performed field screening and sampling of contaminated soils and groundwater to determine screened zones and well placement.
- BP Oil, Charlotte, NC – Supervision and drilling oversight for an in-situ oxygen curtains (ISOC) remediation system. Reviewed “as-built” plans and obtained permits from State regulators.
- TransMontaigne, Doraville, GA – Supervision and drilling oversight for installation of an SVE/Air Sparge system at a terminal facility. Performed field screening and sampling of contaminated soils and groundwater to determine screened zones and well placement. Reviewed “as-built” plans and obtained permits from State regulators.
- TransMontaigne, Montvale, VA – Supervision and drilling oversight for installation on an SVE/ Air Sparge system at a terminal facility. Performed field screening and sampling of contaminated soils and groundwater to determine screened zones and well placement. Reviewed “as-built” plans and obtained permits from State regulators.

PHASE II INVESTIGATIONS

- Conducted numerous Phase II investigations in GA, NC, SC, VA, MD, and DE. Conducted Geoprobe investigations and installed temporary monitoring wells to determine if contamination existed at various properties including commercial buildings, industrial parks, residential, manufacturing, vacant, and other types of properties. Obtained permits and followed State regulations.

PHASE I AUDITS



Susan Satterthwaite Project Hydrogeologist

- Conducted various Phase I environmental site assessments/audits for various properties including commercial, industrial parks, residential, manufacturing, vacant, and other types of properties.

REMEDIAL OPERATION & MAINTAINANCE

- Westbury NY- Performed operation and maintenance at SVE/Air Sparge system in PCE contaminated area. Performed quarterly sampling of groundwater monitoring wells and monthly air sampling.
- Greenfield Cemetery, Uniondale, NY - Performed operational and maintenance tasks associated with an SVE/Air Sparge system in BTEX contaminated area. Performed quarterly sampling of groundwater monitoring wells.
- BP Gas Station, Mebane, NC – Performed operation and maintenance tasks associated with an SVE/Air Sparge system in BTEX contaminated area. Performed quarterly sampling of groundwater monitoring wells and monthly air sampling. Prepared quarterly reports for State regulators and obtained operational permits.
- Manufacturing Facility, Tarboro, NC – Performed operation and maintenance tasks associated with a groundwater extraction system in a toluene and acetone contaminated area. Performed quarterly sampling of groundwater monitoring wells and monthly water discharge sampling. Prepared quarterly reports for State regulators and provided recommendations for site closure.
- Terminals and Gas Stations, Various Locations in GA, SC, NC, VA – Performed operation and maintenance task associated with SVE/Air Sparge systems in BTEX contaminated areas. Performed quarterly sampling of groundwater monitoring wells and monthly air sampling. Prepared quarterly reports for State regulators and provided recommendations for site closure.

Appendix E

Chemical Profile Sheets

Scorecard

THE POLLUTION INFORMATION SITE

**Investigate
Pollution Topics****TOXICS**

- ▶ Toxic Chemical Releases
- ▶ Lead Hazards
- ▶ Superfund

AIR

- ▶ Smog and Particulates
- ▶ Hazardous Air Pollutants

WATER

- ▶ Clean Water Act
- ▶ Watershed Indicators

AGRICULTURE

- ▶ Animal Waste

ENVIRONMENTAL JUSTICE

- ▶ Community Center
- ▶ En Español

HEALTH HAZARDS

- ▶ Chemical Profiles
- ▶ Health Effects
- ▶ Regulations

ZIP TO YOUR COMMUNITY

GO ▶

SEARCH SCORECARD

GO ▶

CHEMICAL PROFILES | Consumer Products**Chemical:** ACETONE**CAS Number:** 67-64-1**What Kinds of Consumer Products May Contain This Chemical?**

- Aerosol paint concentrates
- Antifungal preparations
- Architectural coatings
- Auto, other transportation, and machinery refinish paints incl primers
- Automobile body polish and cleaners
- External analgesics and counterirritants
- External analgesics and counterirritants (liquid)
- Furniture polish and cleaners
- General performance sealants (PVAC, butyl, vinyl, etc.)
- Ground/traffic marking coatings
- Hair tonics incl hair and scalp conditioners (consumer use)
- Household hard surface cleaners (aerosol)
- Household hard surface cleaners (liquid)
- Household laundry presoaks
- Industrial particleboard (furniture, fixtures, cabinets, etc.)
- Insecticides for agric., garden and health service use
- Laundry starch preparations
- Leather dressings and finishes (excl shoe polish)
- Lubricating greases
- Lubricating oils
- Misc. tire repair materials
- Miscellaneous agricultural/pesticidal products
- Miscellaneous paint-related products
- Nail enamel and polish removers
- Nail enamels and polishes
- Non-wood upholstered office side and arm chairs
- Nonstructural caulking compounds and sealants
- Other art materials incl clay, water & tempera colors, finger paint, etc.
- Other automotive chemicals
- Other cosmetics and toiletries
- Other dermatological preparations
- Other industrial chemical specialty products
- Other manicuring preparations
- Other miscellaneous allied paint products, including brush cleaners
- Other pharmaceutical preparations acting on the skin
- Other polishing preparations and related products
- Other specialty cleaning and sanitation products
- Oven cleaners
- Paint and varnish removers
- Paint thinners
- Paints and allied products

Scorecard

THE POLLUTION INFORMATION SITE

**Investigate
Pollution Topics****TOXICS**

- ▶ Toxic Chemical Releases
- ▶ Lead Hazards
- ▶ Superfund

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HEALTH HAZARDS

- ▶ Chemical Profiles
- ▶ Health Effects
- ▶ Regulations

ZIP TO YOUR COMMUNITY

50 ▶

SEARCH SCORECARD

30 ▶

CHEMICAL PROFILES | Pesticidal Uses**Chemical:** CARBON DISULFIDE**CAS Number:** 75-15-0

This is a high volume chemical with production exceeding 1 million pounds annually in the U.S.

List of Brand Name Products which Contain this Chemical	Percentage by Mass
--	-------------------------------

<u>CARBON BISULFIDE FUMIGANT</u>	99.99%
<u>CARBON BISULPHIDE FUMIGANT</u>	99.99%
<u>CARBON BISULPHIDE</u>	99.99%
<u>CARBON DISULPHIDE</u>	99.99%
<u>STAUFFER CARBON BISULPHIDE</u>	99.99%
<u>HUMCO BRAND CARBON DISULFIDE</u>	99.99%
<u>CARBON BISULFIDE FUMIGANT</u>	99.99%
<u>STAFFEL'S HIGH LIFE</u>	99.99%
<u>DURHAM'S CARBON DISULFIDE</u>	99.99%
<u>VULCAN CLOROFUME GRAIN FUMIGANT</u>	26.8%
<u>SPOT FUMIGANT</u>	19.6%
<u>J-FUME 80-20</u>	16.5%
<u>MACCO GRAIN FUMIGANT #2</u>	16.5%
<u>DE-PESTER FUMIGANT 82 FR</u>	16.5%
<u>GRAIN FUMIGANT #2</u>	16.5%
<u>INFUCO 80-20 GRAIN FUMIGANT</u>	16.5%
<u>INFUCO 80-20 WITH SO2 GRAIN FUMIGANT</u>	16.5%
<u>SELIG'S GRAINFUME</u>	16.5%
<u>M. F. A. INHIBITED 80-20 PLUS</u>	16.5%
<u>STAUFFER 80-20 GRAIN FUMIGANT</u>	16.5%
<u>DOW VERTIFUME S</u>	16.5%
<u>WARLASCO GRAIN FUMIGANT NO. 3</u>	16.5%
<u>CO-OP ACTIVATED 80-20 GRAIN FUMIGANT FIRE INHIBITED</u>	16.5%
<u>FIRE RETARDED MILLFUME NO. 1 GRAIN FUMIGANT WITH SULFUR DIOXIDE</u>	16.5%
<u>MAX KILL 10 LIQUID GRAIN FUMIGANT</u>	16.5%
<u>VERTIFUME</u>	16.5%

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Scorecard

THE POLLUTION INFORMATION SITE

**Investigate
Pollution Topics****TOXICS**

- ▶ Toxic Chemical Releases
- ▶ Lead Hazards
- ▶ Superfund

AIR

- ▶ Smog and Particulates
- ▶ Hazardous Air Pollutants

WATER

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AGRICULTURE

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ENVIRONMENTAL JUSTICE

- ▶ Community Center
- ▶ En Español

HEALTH HAZARDS

- ▶ [Chemical Profiles](#)
- ▶ Health Effects
- ▶ Regulations

ZIP TO YOUR COMMUNITY[GO ▶](#)**SEARCH SCORECARD**[GO ▶](#)**CHEMICAL PROFILES | Consumer Products****Chemical:** [CHLOROFORM](#)**CAS Number:** 67-66-3**What Kinds of Consumer Products May Contain This Chemical?**

- Laundry starch preparations
- Miscellaneous paint-related products
- Other automotive chemicals
- Other industrial chemical specialty products
- Other specialty cleaning and sanitation products

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CHEMICAL PROFILES | Consumer Products

Chemical: DICHLORODIFLUOROMETHANE
CAS Number: 75-71-8

What Kinds of Consumer Products May Contain This Chemical?

- Bronchial dilator pharmaceutical preparations
- Other specialty cleaning and sanitation products
- Specialty performance sealants

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CHEMICAL PROFILES | Consumer Products

Chemical: 1,4-DICHLOROBENZENE
CAS Number: 106-46-7

What Kinds of Consumer Products May Contain This Chemical?

- Building and construction plastic foam insulation, incl pipe and block
- Deodorants/air fresheners (non-personal, non-aerosol)
- Other rubber floor and wall coverings incl cove base, wainscoting, etc.
- Repellants and attractants
- Scatter rugs, bathmats, and sets (rugs 6 x 9 ft and smaller)

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- Household laundry presoaks
- Synthetic resin and rubber adhesives
- Wood office work surfaces (modular systems)

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CHEMICAL PROFILES | Consumer Products**Chemical:** ETHANOL**CAS Number:** 64-17-5**What Kinds of Consumer Products May Contain This Chemical?**

- Aerosol paint concentrates
- Aftershave preparations (all forms)
- Antiacne preparations
- Antidandruff and antiseborrheic preparations, except dandruff shampoos
- Antifreeze preparations
- Antifungal preparations
- Auto, other transportation, and machinery refinish paints incl primers
- Automobile body polish and cleaners
- Bath salts, tablets, oils and bubble baths
- Bathroom tub and tile cleaners
- Blushers
- Body lotions
- Central nervous system pharmaceutical preparation
- Chemical products for pools, hot tubs, etc.
- Cleansing creams
- Cleansing lotions
- Colognes
- Contraceptive agents
- Cosmetic oils, including baby oils
- Deodorants/air fresheners (non-personal, aerosol)
- Deodorants/air fresheners (non-personal, non-aerosol)
- Disinfectants (nonagricultural)
- Emollients and protectives, including burn remedies and ointment bases
- External analgesics and counterirritants
- Eye preparations (mascara, eye shadow, eye liners, eye creams, etc.)
- Fabric softeners (liquid)
- Facial scrubs and masks
- Feminine hygiene douches and deodorants, except medicated
- Flexographic inks
- Foundation creams
- Fungicides for agric., garden and health service use
- General antibacterials and antieptics
- General performance sealants (PVAC, butyl, vinyl, etc.)
- Glass window cleaning preparations
- Gravure inks
- Hair coloring preparations (bleaches, dyes, rinses, tints, etc.)
- Hair dressings incl brilliantines, creams, pomades
- Hair mousse
- Hair preparations (including shampoos)
- Hair rinses, except color rinses

- Pet flea and tick products, including collars
- Pharmaceutical preparations
- Pharmaceuticals for veterinary use
- Premoistened towelettes, incl wipes for babies
- Repellants and attractants
- Rubbing alcohol
- Rug and upholstery cleaners
- Shampoos
- Shortening and cooking oils
- Solvent thinned exterior stains incl shingle and shake
- Sunscreens and sunblocks
- Suntan lotions and oils
- Synthetic resin and rubber adhesives
- Textile finishes
- Toilet bowl cleaners
- Toilet preparations
- Toilet soap excl medicated soaps (liquid)
- Toilet soap excl medicated soaps (non-deodorant bars)
- Toilet soap excl medicated soaps (novelty bars)
- Toilet waters
- Topical antibiotic preparations
- Underarm deodorants (aerosol and spray types)
- Underarm deodorants (roll-ons, solids, etc.)
- Wood office furniture

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- Aerosol paint concentrates
- Auto, other transportation, and machinery refinish paints incl primers
- Gravure inks
- Lubricating oils
- Misc. use aromatics
- Miscellaneous paint-related products
- Moisturizing creams
- Nail enamel and polish removers
- Nail enamels and polishes
- Nonstructural caulking compounds and sealants
- Other automotive chemicals
- Other gravure inks
- Other indust. product finishes excl. pigment dispersions & ink vehicles
- Other manicuring preparations
- Packaging inks: solvent types
- Packaging inks: solvent types
- Paint thinners
- Peripheral computer equipment
- Premoistened towelettes, incl wipes for babies
- Shoe polishes and cleaners
- Specialty performance sealants
- Synthetic resin and rubber adhesives

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Chemical: 1-ETHYL-4-METHYLBENZENE
CAS Number: 622-96-8

What Kinds of Consumer Products May Contain This Chemical?

- Flat water thinned interior paints and tinting bases
- Scatter rugs, bathmats, and sets (rugs 6 x 9 ft and smaller)
- Wood office furniture
- Wood office secretarial chairs
- Wood office work surfaces (modular systems)

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CHEMICAL PROFILES | Consumer Products**Chemical:** N-HEXANE**CAS Number:** 110-54-3**What Kinds of Consumer Products May Contain This Chemical?**

- Aerosol paint concentrates
- Auto, other transportation, and machinery refinish paints incl primers
- Automobile body polish and cleaners
- Furniture polish and cleaners
- General performance sealants (PVAC, butyl, vinyl, etc.)
- Ground/traffic marking coatings
- Household laundry presoaks
- Industrial particleboard (furniture, fixtures, cabinets, etc.)
- Laundry starch preparations
- Leather dressings and finishes (excl shoe polish)
- Lubricating greases
- Lubricating oils
- Miscellaneous paint-related products
- Nonstructural caulking compounds and sealants
- Other automotive chemicals
- Other industrial chemical specialty products
- Other polishing preparations and related products
- Other specialty cleaning and sanitation products
- Paint and varnish removers
- Paint thinners
- Petroleum products
- Solvent thinned interior clear finishes
- Specialty performance sealants
- Synthetic resin and rubber adhesives
- Waterproofing compounds
- Wood office furniture

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CHEMICAL PROFILES | Consumer Products**Chemical:** ISOPROPYL ALCOHOL**CAS Number:** 67-63-0**What Kinds of Consumer Products May Contain This Chemical?**

- Acid nonhousehold metal cleaners (liquid)
- Aerosol paint concentrates
- Aftershave preparations (all forms)
- Agricultural chemicals
- Antiacne preparations
- Antifreeze preparations
- Antifungal preparations
- Architectural coatings
- Auto, other transportation, and machinery refinish paints incl primers
- Automobile body polish and cleaners
- Automotive windshield washer fluid
- Bathroom tub and tile cleaners
- Body lotions
- Chemical products for pools, hot tubs, etc.
- Cleansing creams
- Cleansing lotions
- Deodorants/air fresheners (non-personal, aerosol)
- Deodorants/air fresheners (non-personal, non-aerosol)
- Disinfectants (nonagricultural)
- Emollients and protectives, including burn remedies and ointment bases
- Epoxy adhesives
- External analgesics and counterirritants
- External analgesics and counterirritants (liquid)
- External analgesics and counterirritants (ointments, pastes, creams, etc.)
- Eye and ear pharmaceutical preparations
- Fabric softeners (liquid)
- Facial scrubs and masks
- Flexographic inks
- Floor polish
- Floor polish: liquid non-emulsion
- Fungicides for agric., garden and health service use
- Furniture polish and cleaners
- General antibacterials and antieptics
- General performance sealants (PVAC, butyl, vinyl, etc.)
- Glass window cleaning preparations
- Ground/traffic marking coatings
- Hair coloring preparations (bleaches, dyes, rinses, tints, etc.)
- Hair dressings incl brilliantines, creams, pomades
- Hair preparations (including shampoos)
- Hair tonics incl hair and scalp conditioners (consumer use)
- Hairspray (aerosol)

- Paints and allied products
- Perfumes, toilet water, and colognes
- Pet flea and tick products, including collars
- Pharmaceutical preparations
- Pharmaceuticals for veterinary use
- Premoistened towelettes, incl wipes for babies
- Repellants and attractants
- Rubbing alcohol
- Rug and upholstery cleaners
- Shampoos
- Shoe polishes and cleaners
- Specialty performance sealants
- Suntan lotions and oils
- Synthetic resin and rubber adhesives
- Textile finishes
- Toilet bowl cleaners
- Toilet preparations
- Toilet soap excl medicated soaps (liquid)
- Topical antibiotic preparations
- Wood office furniture

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Chemical: (+) - 4-ISOPROPENYL-1-METHYLCYCLOHEXENE
CAS Number: 5989-27-5

What Kinds of Consumer Products May Contain This Chemical?

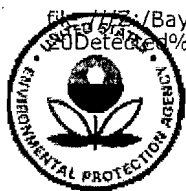
- Agricultural chemicals
- Automobile body polish and cleaners
- Bathroom tub and tile cleaners
- Deodorants/air fresheners (non-personal, aerosol)
- Deodorants/air fresheners (non-personal, non-aerosol)
- Drain pipe solvents
- Household hard surface cleaners (aerosol)
- Household hard surface cleaners (liquid)
- Household liquid laundry detergents
- Leather dressings and finishes (excl shoe polish)
- Miscellaneous paint-related products
- Other automotive chemicals
- Other laundry aids, including ironing aids and dry cleaning spotting pre
- Other polishing preparations and related products
- Other soaps incl mechanics and medicated (bars, liquid and paste)
- Other specialty cleaning and sanitation products
- Oven cleaners
- Paint and varnish removers
- Pet flea and tick products, including collars
- Rug and upholstery cleaners
- Synthetic resin and rubber adhesives
- Toilet soap excl medicated soaps (liquid)

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File:///Z:/Bayville%20Cleaners%20-%20BVC0106/Site%20Investigation%20Report/Appendix%20C%20-%20Detected%20Air%20Analytes%20-%20Chemical%20Uses/CHLOROMETHANE.mht
Last updated on Thursday, November 13th, 2008.

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Methyl Chloride (Chloromethane)

METHYL CHLORIDE (CHLOROMETHANE)

74-87-3

Hazard Summary-Created in April 1992; Revised in January 2000

Low levels of methyl chloride occur naturally in the environment. Higher levels may occur at chemical plants where it is made or used. Acute (short-term) exposure to high concentrations of methyl chloride in humans has caused severe neurological effects. Methyl chloride has also caused effects on the heart rate, blood pressure, liver, and kidneys in humans. Chronic (long-term) animal studies have shown liver, kidney, spleen, and central nervous system (CNS) effects. Inhalation studies have demonstrated that methyl chloride causes reproductive effects in male rats, with effects such as testicular lesions and decreased sperm production. Human cancer data are limited. EPA has classified methyl chloride as a Group D carcinogen (not classifiable as to human carcinogenicity).

Please Note: The main source of information for this fact sheet is the Agency for Toxic Substances and Disease Registry's (ATSDR's) *Toxicological Profile for Chloromethane*. Other secondary sources include the Hazardous Substances Data Bank (HSDB), a database of summaries of peer-reviewed literature, and the Registry of Toxic Effects of Chemical Substances (RTECS), a database of toxic effects that are not peer reviewed.

Uses

- Methyl chloride is used mainly in the production of silicones where it is used to make methylate silicon. It is also used in the production of agricultural chemicals, methyl cellulose, quaternary amines, and butyl rubber and for miscellaneous uses including tetramethyl lead. (1)
- Methyl chloride was used widely in refrigerators in the past, but generally this use has been taken over by newer chemicals such as Freon. (1,8)

Sources and Potential Exposure

- Methyl chloride is formed in the oceans by natural processes (e.g., marine phytoplankton) and from biomass burning in grasslands and forested areas (e.g., forest fires); it has been detected at low levels in air all over the world. (1)
- Other sources of exposure to methyl chloride include cigarette smoke, polystyrene insulation, and aerosol propellants; home burning of wood, coal, or certain plastics; and chlorinated swimming pools. (1)
- Methyl chloride is also present in some lakes and streams and has been found in

- drinking water at very low levels. (1)
- Occupations that present a higher risk of exposure include building contracting, metal industries, transportation, car dealers, and service-station attendants. (1)

Assessing Personal Exposure

- There is no known reliable medical test to determine exposure to methyl chloride. (1)

Health Hazard Information

Acute Effects:

- In humans, brief exposures to high levels of methyl chloride can have serious effects on the nervous system, including convulsions, and coma. Other effects include dizziness, blurred or double vision, fatigue, personality changes, confusion, tremors, uncoordinated movements, slurred speech, nausea, and vomiting. These symptoms develop within a few hours after exposure and may persist for several months. (1)
- Effects on heart rate, the liver, and kidneys have also been reported in humans following acute inhalation exposures to methyl chloride. (1)
- Numerous acute inhalation exposure studies have identified the liver and kidney as target organs in rats and mice; the central nervous system (CNS) as a target system in rats, mice, and dogs; spleen effects in mice; and endocrine effects in rats. (1,2)
- Tests involving acute exposure of rats and mice have shown methyl chloride to have moderate acute toxicity. (3)

Chronic Effects (Noncancer):

- No information is available regarding the chronic effects of methyl chloride in humans. (1)
- Chronic animal studies have shown that the liver, kidney, spleen, and CNS were the target of methyl chloride toxicity. Animals that breathed air containing methyl chloride gained weight more slowly than animals exposed to air. (1)
- EPA's Reference Concentration (RfC) for methyl chloride is 0.09 milligrams per cubic meter (mg/m³). EPA has not established a Reference Dose (RfD) for methyl chloride. (4)

Reproductive/Developmental Effects:

- No studies were located concerning developmental or reproductive effects of methyl chloride in humans. (1)
- Several inhalation studies have demonstrated that methyl chloride causes reproductive effects in animals, with effects such as testicular lesions, disrupted spermatogenesis, and decreased sperm production in male rats. Delayed fetal development was noted in rats exposed to the same concentration of methyl chloride that resulted in maternal toxicity. (1)

Cancer Risk:

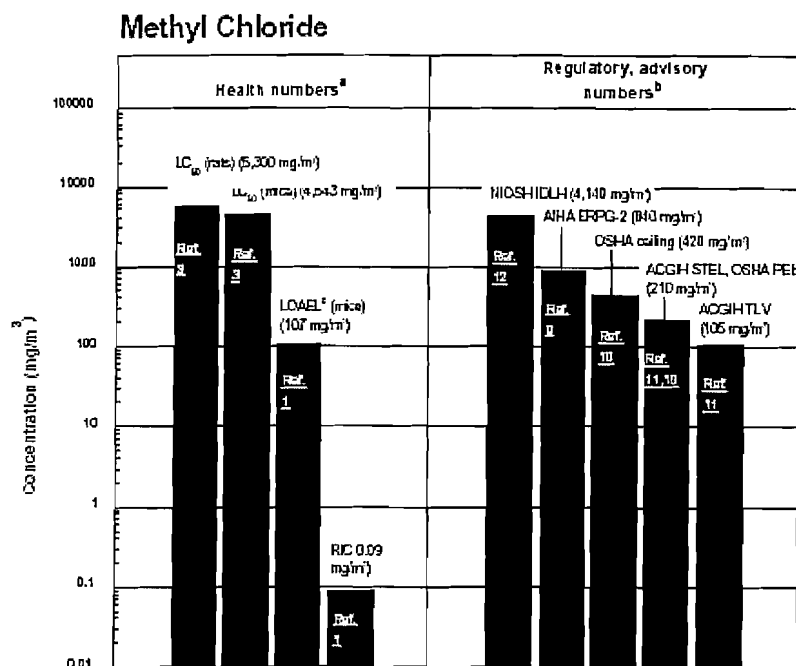
- Information regarding carcinogenicity in humans after exposure to methyl chloride is limited. An epidemiological study of butyl rubber workers showed no statistically significant increase in the rate of death due to cancer in this population. An elevated mortality from all cancers and for lung cancer was reported among a group of Icelandic fishermen who had been exposed to methyl chloride for two days in 1963. (1)
- In animal studies, kidney tumors were reported in one study of male mice. (1)
- EPA has classified methyl chloride as a Group D carcinogen (not classifiable as to human carcinogenicity). (5)

Physical Properties

- Methyl chloride is a colorless gas with a faint sweet smell and an odor threshold of 10 ppm. (1)
- Methyl chloride is soluble in water. (6)
- The chemical formula for methyl chloride is CH₃Cl, and it has a molecular weight of 50.49 g/mol. (1)
- The vapor pressure for methyl chloride is 4,310 mm Hg at 25 °C, and the log octanol/water partition coefficient (log K_{ow}) is 0.91. (1,7)

Conversion Factors:

To convert concentrations in air (at 25 °C) from ppm to mg/m³: $\text{mg/m}^3 = (\text{ppm}) \times (\text{molecular weight of the compound}) / (24.45)$. For methyl chloride: 1 ppm = 2.1 mg/m³. To convert concentrations in air from µg/m³ to mg/m³: $\text{mg/m}^3 = (\mu\text{g/m}^3) \times (1 \text{ mg} / 1,000 \mu\text{g})$.

Health Data from Inhalation Exposure

ACGIH STEL--American Conference of Governmental and Industrial Hygienists' short-term exposure limit; 15-min time-weighted-average exposure that should not be exceeded at any time during a workday even if the 8-h time-weighted-average is within the threshold limit value.

ACGIH TLV--ACGIH's threshold limit value expressed as a time-weighted average; the concentration of a substance to which most workers can be exposed without adverse effects.

AIHA ERPG--American Industrial Hygiene Association's emergency response planning guidelines. ERPG 2 is the maximum airborne concentration below which it is believed nearly all individuals could be exposed up to one hour without experiencing or developing irreversible or other serious health effects that could impair their abilities to take protective action.

LC₅₀ (Lethal Concentration₅₀)--A calculated concentration of a chemical in air to which exposure for a specific length of time is expected to cause death in 50% of a defined experimental animal population.

LOAEL--lowest observed adverse effect level.

NIOSH IDLH -- National Institute of Occupational Safety and Health's immediately dangerous to life or health concentration; NIOSH recommended exposure limit to ensure that a worker can escape from an exposure condition that is likely to cause death or immediate or delayed permanent adverse health effects or prevent escape from the environment.

OSHA PEL--Occupational Safety and Health Administration's permissible exposure limit expressed as a time-weighted average; the concentration of a substance to which most workers can be exposed without adverse effect averaged over a normal 8-h workday or a 40-h workweek.

OSHA ceiling value--OSHA's permissible exposure limit ceiling value; the concentration of a substance that should not be exceeded at any time.

The health and regulatory values cited in this factsheet were obtained in December 1999.

^a Health numbers are toxicological numbers from animal testing or risk assessment values developed by EPA.

^b Regulatory numbers are values that have been incorporated in Government regulations, while advisory numbers are nonregulatory values provided by the Government or other groups as advice. OSHA numbers are regulatory, whereas NIOSH, ACGIH, and AIHA numbers are advisory.

^c The LOAEL is from the critical study used as the basis for the ATSDR chronic MRL.

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- Aerosol paint concentrates
- Agricultural chemicals
- Herbicides for agric., garden and health service use
- Insecticides for agric., garden and health service use
- Miscellaneous paint-related products
- Nonstructural caulking compounds and sealants
- Other automotive chemicals
- Other household pesticidal preparations
- Repellants and attractants
- Synthetic resin and rubber adhesives
- Wall coverings
- Wood office work surfaces (modular systems)

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Chemical: OCTANE
CAS Number: 111-65-9

What Kinds of Consumer Products May Contain This Chemical?

- Aerosol paint concentrates
- Eye preparations (mascara, eye shadow, eye liners, eye creams, etc.)
- Furniture polish and cleaners
- Laundry starch preparations
- Lubricating oils
- Other automotive chemicals
- Paint and varnish removers
- Paint thinners
- Solvent thinned exterior undercoaters and primers
- Solvent thinned interior clear finishes
- Solvent thinned interior stains
- Solvent thinned interior undercoaters and primers
- Synthetic resin and rubber adhesives
- Wood office furniture
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CHEMICAL PROFILES | Consumer Products**Chemical:** N-PROPYLBENZENE**CAS Number:** 103-65-1**What Kinds of Consumer Products May Contain This Chemical?**

- Building and construction plastic foam insulation, incl pipe and block
- Other rubber floor and wall coverings incl cove base, wainscoting, etc.
- Scatter rugs, bathmats, and sets (rugs 6 x 9 ft and smaller)
- Sheet vinyl flooring
- Wood office work surfaces (modular systems)

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- Aerosol paint concentrates
- Agricultural chemicals
- Automobile body polish and cleaners
- Furniture polish and cleaners
- Household hard surface cleaners (aerosol)
- Household hard surface cleaners (liquid)
- Household rug and upholstery cleaners
- Insecticides for crawling insects
- Insecticides for flying insects
- Laundry starch preparations
- Leather dressings and finishes (excl shoe polish)
- Lubricating greases
- Lubricating oils
- Miscellaneous paint-related products
- Nonstructural caulking compounds and sealants
- Other art materials incl clay, water & tempera colors, finger paint, etc.
- Other automotive chemicals
- Other laundry aids, including ironing aids and dry cleaning spotting pre
- Other polishing preparations and related products
- Other rubber floor and wall coverings incl cove base, wainscoting, etc.
- Other specialty cleaning and sanitation products
- Oven cleaners
- Paint and varnish removers
- Paints and allied products
- Rug and upholstery cleaners
- Scatter rugs, bathmats, and sets (rugs 6 x 9 ft and smaller)
- Synthetic resin and rubber adhesives
- Textile finishes
- Waterproofing compounds

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CHEMICAL PROFILES | Consumer Products

Chemical: TETRAHYDROFURAN

CAS Number: 109-99-9

What Kinds of Consumer Products May Contain This Chemical?

- Aerosol paint concentrates
- Furniture polish and cleaners
- Laundry starch preparations
- Lubricating oils
- Other automotive chemicals
- Other industrial chemical specialty products
- Other specialty cleaning and sanitation products
- Paint and varnish removers
- Solvent thinned interior undercoaters and primers
- Synthetic resin and rubber adhesives
- Waterproofing compounds

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- Aerosol paint concentrates
- General performance sealants (PVAC, butyl, vinyl, etc.)
- Lubricating oils
- Miscellaneous paint-related products
- Other automotive chemicals
- Other industrial chemical specialty products
- Other laundry aids, including ironing aids and dry cleaning spotting pre
- Other specialty cleaning and sanitation products
- Paint and varnish removers
- Sheet vinyl flooring
- Synthetic resin and rubber adhesives

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CHEMICAL PROFILES | Consumer Products**Chemical:** 1,2,4-TRIMETHYLBENZENE**CAS Number:** 95-63-6**What Kinds of Consumer Products May Contain This Chemical?**

- Building and construction plastic foam insulation, incl pipe and block
- Flat water thinned interior paints and tinting bases
- Mineral wool building batts, blankets and rolls
- Miscellaneous paint-related products
- Non-wood upholstered office side and arm chairs
- Other rubber floor and wall coverings incl cove base, wainscoting, etc.
- Paint thinners
- Scatter rugs, bathmats, and sets (rugs 6 x 9 ft and smaller)
- Sheet vinyl flooring
- Wood office furniture
- Wood office secretarial chairs
- Wood office work surfaces (modular systems)

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CHEMICAL PROFILES | Consumer Products**Chemical:** M-XYLENE**CAS Number:** 108-38-3**What Kinds of Consumer Products May Contain This Chemical?**

- Aerosol paint concentrates
- General performance sealants (PVAC, butyl, vinyl, etc.)
- Lubricating oils
- Other automotive chemicals
- Paint and varnish removers
- Sheet vinyl flooring
- Solvent thinned exterior undercoaters and primers
- Solvent thinned interior clear finishes
- Solvent thinned interior stains
- Solvent thinned interior undercoaters and primers
- Synthetic resin and rubber adhesives

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CHEMICAL PROFILES | Consumer Products**Chemical:** O-XYLENE**CAS Number:** 95-47-6**What Kinds of Consumer Products May Contain This Chemical?**

- Building and construction plastic foam insulation, incl pipe and block
- Herbicides for agric., garden and health service use
- Lubricating oils
- Other rubber floor and wall coverings incl cove base, wainscotting, etc.
- Scatter rugs, bathmats, and sets (rugs 6 x 9 ft and smaller)
- Sheet vinyl flooring
- Wood office furniture
- Wood office work surfaces (modular systems)

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CHEMICAL PROFILES | Consumer Products**Chemical:** P-XYLENE**CAS Number:** 106-42-3**What Kinds of Consumer Products May Contain This Chemical?**

- Loose mineral wool fiber (blowing and pouring)
- Other automotive chemicals
- Scatter rugs, bathmats, and sets (rugs 6 x 9 ft and smaller)
- Wood office furniture
- Wood office work surfaces (modular systems)

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