



ENVIRONMENTAL STRATEGIES CONSULTING LLC

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October 18, 2005

Mr. James E. Burke, P.E.
Environmental Engineer
New York State Department of Environmental Conservation
Region 7
615 Erie Boulevard West
Syracuse, NY 13204-2400

Re: R&D Building Focused Indoor Air Assessment and Soil and Groundwater Investigation
Emerson Power Transmission, Ithaca, New York

Dear Mr. Burke:

Environmental Strategies Consulting LLC, on behalf of Emerson Electric Co, has prepared this letter summarizing the results of the soil and groundwater investigation conducted at the former Research and Development (R&D) Building on the Emerson Power Transmission (EPT) facility in Ithaca, New York. The work was completed in accordance with the procedures described in the approved *Focused Indoor Air Assessment and Soil/Groundwater Investigation Work Plan*, dated May 11, 2005, and Environmental Strategies' July 6, 2005 letter to the New York State Department of Environmental Conservation (NYSDEC), which responded to comments from NYSDEC on the draft plan. The plan was approved by the NYSDEC on August 5, 2005. In addition, the indoor air and subslab soil gas testing was conducted in accordance with the New York State Department of Health's (NYSDOH's) *Guidance for Evaluating Soil Vapor Intrusion in the State of New York*, dated February 2005.

In accordance with the approved work plan, three shallow bedrock wells and five soil borings were installed and sampled along the northern and western perimeter of the former R&D Building between July 27 and August 18, 2005. The scope of work also included collecting indoor air and subslab soil gas samples at three locations in the basement of the former R&D Building to evaluate whether volatile organic compounds (VOCs) are potentially present in subslab soil gas and indoor air. Two outdoor air samples were also collected to evaluate background concentrations of VOCs in outdoor air. The indoor air assessment work was completed from September 20 through 23, 2005. Figure 1 shows the focused investigation sampling locations.

Groundwater Monitoring Well Installation

Three shallow bedrock groundwater monitoring wells were installed immediately north and west of the former R&D Building. The wells (MW-27B, MW-28B, and MW-29B) were screened within the upper portion of fractured bedrock (B-zone). The monitoring wells were installed, constructed, and sampled in accordance with procedures outlined in the approved work plan. The well specifications are detailed below and provided in Enclosure A along with the boring logs for each well.

The monitoring wells were designated with a "B" suffix and were completed to depth of approximately 8 to 10 feet below the contact between the overburden and the bedrock within the highly fractured zone. Bedrock was encountered in the boreholes at depths of 18 feet-below ground surface (ft-bgs) at MW-27B, 22 ft-bgs at MW-28B, and 10.5 ft-bgs at MW-29B. The total depths of the wells ranged from 22 ft-bgs at MW-29B to 33 ft-bgs at MW-28B.

Boreholes for the monitoring wells were drilled through the overburden using 4.25-inch inside-diameter (ID) hollow-stem augers. Continuous soil samples were collected from the ground surface to refusal at bedrock using 2-foot-long, split-spoon samplers. The soils recovered from the split spoons were screened for organic vapors in the field using a photoionization detector (PID) equipped with a 11.7 electron volt lamp. Sample descriptions and PID readings were recorded in the field notebook.

After augering to bedrock, a temporary 6-inch steel casing was installed into the top of bedrock to the ground surface and grouted in place. The bedrock was then cored so that the quantity of fractures and the physical characteristics of the fractures could be logged. The screened interval and final depth of the monitoring wells depended on the quantity of fractures present. The boreholes were terminated as the quantity of fractures began to diminish with depth, within 10 feet of the upper surface of the bedrock. Once the terminal depth of the well was determined, the boreholes for the wells were reamed using a 5/8-inch roller bit.

The wells were completed and installed by Parratt Wolff, Inc., a licensed driller in the state of New York. The wells were constructed of 2-inch-ID threaded, flush jointed, Schedule 40 polyvinyl chloride (PVC) blank casing attached to 7 or 8-foot screens with 0.010-inch horizontal slots. A clean sand filter pack was placed from the bottom of the well borehole to approximately 2 feet above the top of the screen. A minimum 2-foot-thick bentonite seal was then placed on top of the sand filter pack. The remaining annular space was backfilled with a cement-bentonite grout mixture (tremie piped from the bottom to the top). Well construction information was recorded in a field notebook, and as-built diagrams were prepared for each monitoring well installed during the investigation and are presented as Enclosure A. The wells were completed flush with the ground surface with protective, steel well coverings. The inner casings were fitted with watertight lockable caps.

The elevations of the ground surface at each new monitoring well and the top of the PVC well casing were surveyed to the nearest 0.01 foot. The horizontal locations of the new wells were also determined to the nearest 0.1 foot and referenced to the state plane coordinate system. A New York State licensed surveyor surveyed the well locations and elevations.

The wells were developed to remove sediments and to ensure effective communication between the well screens and surrounding saturated zones. Development involved surging the screened interval to loosen any fine-grained sediment in the sand filter pack and adjacent aquifer material. Groundwater from the wells was then removed by bailing or pumping. Due to the low recovery rate of the wells, several pumping cycles were required since the wells dried up quickly. Development continued until the discharge water was relatively free of suspended sediments. Water generated during the well development was collected in drums and added to the EPT onsite groundwater treatment system.

All development activities were conducted with clean equipment to prevent potential cross-contamination between well locations. Equipment was decontaminated between each well, with the decontamination procedure dependent on the development and redevelopment method(s) and equipment used.

Groundwater samples were collected from the newly installed monitoring wells on August 18, 2005. A minimum of three well volumes were purged from each well prior to the collection of groundwater samples. However, in the event that a well ran dry during the purging process, the well was allowed to recharge and was then sampled. The wells were purged and sampled using polyethylene bailers. Monitoring well purge records are included as Enclosure B.

Groundwater samples were submitted to Severn Trent Laboratories located in Buffalo, New York for analysis of VOCs using EPA Method 8260B, semi-volatile organic compounds (SVOCs) using EPA method 8270, and polychlorinated biphenyls (PCBs) using EPA Method 8082. According to field personnel, well volumes were not sufficient enough to collect samples for target analyte list (TAL) metals. Emerson will collect samples for TAL metals analysis in October and will provide the results to NYSDEC under separate cover.

Soil Borings

Five shallow soil samples (HA-RD-1 through HA-RD-5) were installed immediately north and northwest of the former R&D Building parking lot retaining wall. The soil borings were installed using a hand auger to a maximum depth of approximately 1.0 ft-bgs. The borings were originally proposed to be advanced to 4 ft-bgs; however, the shallow depth of bedrock and presence of coarse grained fill prevented the advancement of the borings below 0.5 feet, with the exception of HA-RD-4, which was advanced to approximately 1 ft-bgs. One soil sample was collected from each soil boring from a depth of approximately 0 to 0.5 ft-bgs, or 0 to 1 ft-bgs

(HA-RD-4). The soils recovered during the sampling were screened for organic vapors in the field using a PID. Environmental Strategies personnel recorded sample descriptions and PID readings in a field book.

Soil samples collected from the borings were submitted to Severn Trent Laboratories located in Buffalo, New York, for analysis of VOCs using EPA Method 8260B, SVOCs using EPA method 8270, PCBs using EPA Method 8082, and TAL metals using EPA Method 6010/7471.

Groundwater and Soil - Sampling Results

Groundwater Results

The groundwater sampling results for the three monitoring wells are presented in Table 1. Only one VOC, chloroform, was detected in the samples. The concentration of chloroform detected in the samples ranged from 1.5 µg/l in MW-27B to 5.5 µg/l in MW-28B. The presence of chloroform in the samples is likely the result of laboratory contamination and the detected levels are well below established drinking water standards.

In addition, no SVOCs or PCBs were detected above laboratory detection limits in the groundwater samples.

Shallow Soil Results

Shallow soil sample results are presented in Table 2. Only one VOC, methylene chloride, was detected in the soil samples. Methylene chloride was detected in two soil samples and a duplicate sample at concentrations of 5.0 µg/kg and 6.0 µg/kg, which is at or just above the laboratory detection limit of 5 µg/kg.

Twenty six SVOCs were detected in the soil samples above laboratory detection limits, but only six were detected at concentrations above recommended cleanup criteria outlined in NYSDEC's Technical and Administrative Guidance Memorandum (TAGM) 4046 Recommended Soil Cleanup Objectives (January 1994). The following compounds were detected in samples exceeding the TAGM cleanup objectives; benzo(a)anthracene, benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(a)pyrene, chrysene, and dibenzo(a,h)anthracene.

Benzo(a)anthracene was detected in four of the samples at concentrations above the TAGM cleanup objective of 224 µg/kg at concentrations ranging from 290 µg/kg in HA-RD-1 (0-0.5) to 5,200 µg/kg in HA-RD-2 (0-0.5). Benzo(b)fluoranthene was detected in three of the samples at concentrations above the TAGM cleanup objective of 1,100 µg/kg at concentrations ranging from 1,200 µg/kg in HA-RD-5 (0-0.5) to 6,400 µg/kg in HA-RD-2 (0-0.5). Benzo(k)fluoranthene was detected above the TAGM cleanup objective of 1,100 µg/kg in one sample, HA-RD-2 (0-0.5), at a concentration of 1,700 µg/kg. Benzo(a)pyrene was detected in all of the samples at concentrations above the TAGM cleanup objective of 61 µg/kg at

concentrations ranging from 130 µg/kg in the duplicate sample HA-RD-40 (0-1.0) to 5,600 µg/kg in HA-RD-2 (0-0.5). Chrysene was detected in three of the samples at concentrations above the TAGM cleanup objective of 400 µg/kg at concentrations ranging from 760 µg/kg in HA-RD-5 (0-0.5) to 4,400 µg/kg in HA-RD-2 (0-0.5). Dibenzo(a,h)anthracene was detected in five of the samples at concentrations at level above the TAGM cleanup objective (14 µg/kg) at concentrations ranging from a concentration of 22 µg/kg in duplicate sample HA-RD-40 (0-1.0) to 690 µg/kg in HA-RD-2 (0-0.5).

The metals sampling results were compared to both the TAGM cleanup objectives and background levels for the Eastern United States, as established by NYSDEC. Eleven metals were detected at levels exceeding the TAGM cleanup objective and background soil levels. The most prevalent metals found are iron, chromium, and nickel. Iron concentrations ranged from 18,600 to 21,300 mg/kg, chromium from 14.8 to 22.4 mg/kg, and nickel from 19.1 to 22.5 mg/kg. The recommended soil cleanup objectives for these compounds are 2,000 mg/kg for iron, 10 mg/kg for chromium, and 13 mg/kg for nickel.

The source of the detected SVOCs and metals is most likely related to the placement of fill on the site and historic use of coal. A review of a 1919 San Born Fire Insurance Map shows a large coal pile on the northwest portion of the facility near the location of the former R&D Building.

Indoor Air and Subslab Soil Gas Sampling

Building Inspection and Materials Inventory

A pre-sampling material inventory was conducted on September 20, 2005. Environmental Strategies completed the NYSDOH's indoor air quality questionnaire and building inventory form and conducted an inventory of specific materials and equipment stored in the basement level of the building. The volatile ingredients of each material, if available, were recorded on the inventory form and the containers were scanned with a PID manufactured by RAE Systems, Inc., for potential vapor emissions. PID readings were recorded on the inventory form. If the contents of a container were not listed on the label, Environmental Strategies recorded the product name and manufacturer's name and address (if available) on the inventory form. The pre-sampling site inspection and material inventory forms are presented as Enclosure C.

Indoor Air Sampling

On September 22 and 23, 2005, indoor air samples were collected from the basement level of the R&D Building at the locations designated RD1IA, RD2IA, and RD3IA on Figure 1. The indoor air samples were collected using 1-liter Entech canisters positioned approximately 3 feet above the floor to be representative of the breathing zone. Physical and visual barriers were placed around the canister, if necessary, to avoid being disturbed during sample collection. The flow regulators were pre-set by the laboratory to collect the samples over 24 hours. The flow regulator was

connected to the canister to initiate sample collection. After 24 hours, the flow regulator was removed from the canister to complete the sample collection. The sample name, location, time and date of sample collection, canister and regulator number, and the analytical method were recorded on the chain-of-custody form and in the field log book.

Subslab Soil Gas Sampling

On September 22, 2005, three sub slab soil gas samples were collected below the basement of the R&D Building at the locations designated RD1SS, RD2SS, and RD3SS on Figure 1. The probes were installed during the pre-sampling inspection in accordance with NYSDOH guidance. The probes consisted of a 3-foot-long section of 3/8-inch outside-diameter Teflon[®]-lined tubing, a quartz sand pack, and a hydrated bentonite seal. To install the probe, an electric coring drill was used to drill a 2-inch diameter hole through the concrete floor slab, which was approximately 4 inches thick. A section of tubing was placed in the hole with the bottom end resting on the gravel sub-base. Approximately 1.5 inches of quartz sand was placed in the core hole around the tubing and the remainder of the hole was filled with hydrated bentonite. A clamp was placed on the end of the tubing to prevent soil gas from entering the building.

Before collecting each sub slab soil gas sample, a pre-sample purge was conducted to remove dilution air from the probe assembly. Approximately two probe volumes of air (i.e., approximately 60 cubic centimeters of air) were evacuated from each sample location using a hand pump at a rate not exceeding 0.2 liter per minute. The purged air was collected in a Tedlar[®] bag. Following the pre-sample purge, vapor samples were collected at each location using evacuated 1-liter Entech canisters and dedicated flow controllers that were pre-set by the laboratory to collect the soil gas samples over 1 hour. After 1 hour, the regulator was disconnected from the canister to complete the sample collection. The sample name, location, time and date of sample collection, sample regulator and canister number, and the analytical method was recorded on the chain-of-custody form and in the field log book. Following sample collection, the sampling probes were removed and the slab was repaired with concrete.

Background Air Sampling

Background air samples were collected at two locations in the vicinity of the R&D Building to assist in evaluating background outdoor air quality (Figure 1). Sample RD1AA was collected southwest (i.e., upwind) of the R&D Building, whereas sample RD2AA was collected near the basement overhead door, which was identified during the pre-sampling site inspection as an area where outdoor air was entering the basement. In accordance with NYSDOH guidance, each background air sample was collected approximately 3 to 5 feet above the ground and away from wind obstructions. The outdoor air samples were collected with 1-liter Entech canisters over 24 hours using the same procedures and analytical methods described above for the indoor air samples. The outdoor air samples were initiated within approximately 1 hour of the first indoor air sample.

Quality Assurance/Quality Control

The Entech canisters used for the sampling activities were certified-clean by Centek Laboratories, LLC. Duplicate indoor air and soil gas samples were collected from one location. In addition, a trip blank prepared by the laboratory accompanied the container for indoor air sample RD3IAB092205 from the laboratory to the field and from the field to the laboratory. The trip blank was used to evaluate the potential for sample cross-contamination during shipment or during sample collection.

Sample Analysis

The sample canisters were shipped under ambient conditions to a NYSDOH Environmental Laboratory Accreditation Program-approved laboratory. The samples were analyzed for the complete list of compounds specified in U.S. Environmental Protection Agency (EPA) Method TO-15. The minimum detection limits using EPA Method TO-15 for all sample types were 0.25 $\mu\text{g}/\text{m}^3$ for TCE and 1 $\mu\text{g}/\text{m}^3$ for all other VOCs.

Indoor Air and Subslab Soil Gas - Sampling Results

Air and Subslab Soil Gas Results

The subslab soil gas and indoor and outdoor air sampling results are provided in Table 3. Three VOCs, 1,1,1-trichloroethane (TCA), tetrachloroethylene (PCE), and TCE, were detected in the subslab soil gas and indoor air samples. Subslab soil gas samples contained 0.943 to 2.11 $\mu\text{g}/\text{m}^3$ of TCA, 4.48 to 44.8 $\mu\text{g}/\text{m}^3$ of PCE, and 3.93 to 13.7 $\mu\text{g}/\text{m}^3$ of TCE. Indoor air samples contained 0.666 to 0.998 $\mu\text{g}/\text{m}^3$ of TCA, 1.38 to 2.83 $\mu\text{g}/\text{m}^3$ of PCE, and 1.31 to 1.97 $\mu\text{g}/\text{m}^3$ of TCE. The detected concentrations of TCA, PCE, and TCE in indoor air are below the NYSDOH guidance values of 100 $\mu\text{g}/\text{m}^3$ for TCA and PCE and 5 $\mu\text{g}/\text{m}^3$ for TCE.

Methylene chloride was detected in two of the three subslab soil gas sample locations at concentrations from 0.847 to 1.06 $\mu\text{g}/\text{m}^3$ and was detected in all indoor air samples at concentrations from 1.31 to 24.2 $\mu\text{g}/\text{m}^3$. The site-related VOC cis-1,2-dichloroethylene (DCE) was detected in one subslab soil gas sample (RD1SS092205) at 4.15 $\mu\text{g}/\text{m}^3$. DCE was not detected in indoor air samples. TCE was the only site-related VOC that was detected in one of the outdoor air samples (RD1AA092205) at a concentration of 0.546 $\mu\text{g}/\text{m}^3$.

Summary

Groundwater, soil, air, and vapor sampling was conducted in and around the former R&D Building on EPT's property. Groundwater samples collected in August 2005 from three monitoring wells installed north and west of the former R&D Building showed no detectable

October 18, 2005

concentrations of site-related compounds. Soil samples collected from the five soil borings did not contain site-related VOCs or PCBs. Metals and SVOCs were detected in the soil borings, as would be expected in areas where coal was used or stored and fill material was placed. Three indoor air basement and subslab soil vapor samples collected from within the R&D Building contained low levels of certain site-related compounds. The analytical data sheets for samples collected during the investigation are provided in Enclosure D.

Please feel free to contact us with any questions regarding the contents of this letter, or other aspects of the project.

Sincerely yours,

A handwritten signature in black ink that reads "James P. Bulman". The signature is written in a cursive, flowing style.

James Bulman
Executive Partner

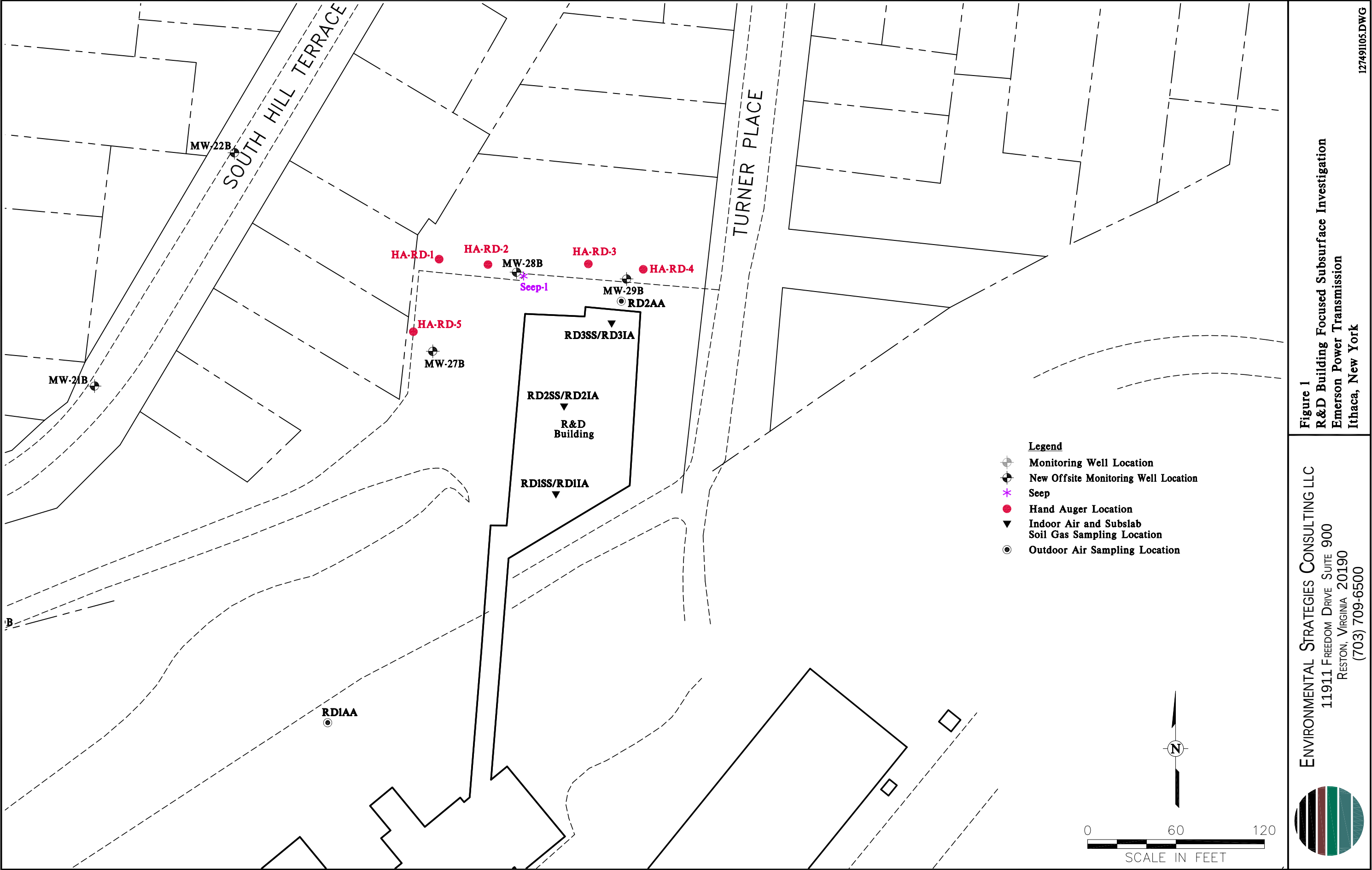
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Enclosures

cc/encl.: Derek Chase, Emerson
 Henriette Hamel, NYSDOH

Figures



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Tables

Table 1

**Former Research and Development
Building Investigation Groundwater Sampling Results
Emerson Power Transmission
Ithaca, New York
February, April, May 2005 (ug/l)**

<u>Sample ID:</u>	<u>MW-27B</u>	<u>MW-28B</u>	<u>MW-29B</u>
<u>Date:</u>	8/18/05	8/18/05	8/18/05
Volatile Organic Compounds (ug/l)			
Acetone	5.0 U	5.0 U	5.0 U
Benzene	1.0 U	1.0 U	1.0 U
Bromodichloromethane	1.0 U	1.0 U	1.0 U
Bromoform	1.0 U	1.0 U	1.0 U
Bromomethane	1.0 U	1.0 U	1.0 U
2-Butanone	5.0 U	5.0 U	5.0 U
Carbon disulfide	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	1.0 U	1.0 U	1.0 U
Chlorobenzene	1.0 U	1.0 U	1.0 U
Chloroethane	1.0 U	1.0 U	1.0 U
Chloroform	1.5	5.5	2.4
Chloromethane	1.0 U	1.0 U	1.0 U
Cyclohexane	1.0 U	1.0 U	1.0 U
1,2-Dibromomethane	1.0 U	1.0 U	1.0 U
Dibromochloromethane	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane	1.0 U	1.0 U	1.0 U
1,1- Dichloroethane	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	1.0 U	1.0 U	1.0 U
Ethylbenzene	1.0 U	1.0 U	1.0 U
2-Hexanone	5.0 U	5.0 U	5.0 U
Isopropylbenzene	1.0 U	1.0 U	1.0 U
Methyl acetate	1.0 U	1.0 U	1.0 U
Methylcyclohexane	1.0 U	1.0 U	1.0 U
Methylene chloride	1.0 U	1.0 U	1.0 U
4-Methyl-2-pentanone	5.0 U	5.0 U	5.0 U
Methyl tert butyl ether	1.0 U	1.0 U	1.0 U
Styrene	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	1.0 U	1.0 U	1.0 U
Tetrachloroethene	1.0 U	1.0 U	1.0 U
Toluene	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	1.0 U	1.0 U	1.0 U
1,1,1-Trichloroethane	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	1.0 U	1.0 U	1.0 U
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane	1.0 U	1.0 U	1.0 U
Trichloroethene	1.0 U	1.0 U	1.0 U
Vinyl Chloride	1.0 U	1.0 U	1.0 U
Xylene (total)	3.0 U	3.0 U	3.0 U

Table 1

**Former Research and Development
Building Investigation Groundwater Sampling Results
Emerson Power Transmission
Ithaca, New York
February, April, May 2005 (ug/l)**

<u>Sample ID:</u>	<u>MW-27B</u>	<u>MW-28B</u>	<u>MW-29B</u>
<u>Date:</u>	8/18/05	8/18/05	8/18/05
Semivolatile Organic Compounds			
Acenaphthene	11 U	12 U	11 U
Acenaphthylene	11 U	12 U	11 U
Acetophenone	11 U	12 U	11 U
Anthracene	11 U	12 U	11 U
Atrazine	11 U	12 U	11 U
Benzaldehyde	56 U	61 U	56 U
Benzo(a)anthracene	11 U	12 U	11 U
Benzo(b)fluoranthene	11 U	12 U	11 U
Benzo(k)fluoranthene	11 U	12 U	11 U
Benzo(ghi)perylene	11 U	12 U	11 U
Benzo(a)pyrene	11 U	12 U	11 U
Benzoic acid	170 U	180 U	170 U
Benzyl alcohol	22 U	24 U	22 U
Biphenyl	11 U	12 U	11 U
Bis(2-chloroethoxy) methane	11 U	12 U	11 U
Bis(2-chloroethyl) ether	11 U	12 U	11 U
2,2'-Oxybis(1-Chlorophopane)	11 U	12 U	11 U
Bis(2-ethylhexyl) phthalate	11 U	12 U	11 U
4-Bromophenyl phenyl ether	11 U	12 U	11 U
Butyl benzyl phthalate	11 U	12 U	11 U
4-Chloroaniline	11 U	12 U	11 U
4-Chloro-3-methylphenol	11 U	12 U	11 U
2-Chloronaphthalene	11 U	12 U	11 U
2-Chlorophenol	11 U	12 U	11 U
4-Chlorophenyl phenyl ether	11 U	12 U	11 U
Caprolactum	11 U	12 U	11 U
Chrysene	11 U	12 U	11 U
Dibenzo(a,h)anthracene	11 U	12 U	11 U
Dibenzofuran	11 U	12 U	11 U
Di-n-butyl phthalate	11 U	12 U	11 U
1,2-Dichlorobenzene	11 U	12 U	11 U
1,3-Dichlorobenzene	11 U	12 U	11 U
1,4-Dichlorobenzene	11 U	12 U	11 U
3,3'-dichlorobenzidine	22 U	24 U	22 U
2,4-Dichlorophenol	11 U	12 U	11 U
Diethyl phthalate	11 U	12 U	11 U
2,4-Dimethylphenol	11 U	12 U	11 U
Dimethyl phthalate	11 U	12 U	11 U
4,6-Dinitro-2-methylphenol	56 U	61 U	56 U
2,4-Dinitrophenol	56 U	61 U	56 U
2,4-Dinitrotoluene	11 U	12 U	11 U
2,6-Dinitrotoluene	11 U	12 U	11 U
Di-n-octyl phthalate	11 U	12 U	11 U
Fluoranthene	11 U	12 U	11 U
Fluorene	11 U	12 U	11 U
Hexachlorobenzene	11 U	12 U	11 U
Hexachlorobutadiene	11 U	12 U	11 U
Hexachlorocyclopentadiene	50 U	55 U	50 U
Hexachloroethane	11 U	12 U	11 U
Indeno(1,2,3-cd)pyrene	11 U	12 U	11 U
Isophorone	11 U	12 U	11 U
2-Methylnaphthalene	11 U	12 U	11 U
2-Methylphenol	11 U	12 U	11 U
4-Methylphenol	11 U	12 U	11 U

Table 1

**Former Research and Development
Building Investigation Groundwater Sampling Results
Emerson Power Transmission
Ithaca, New York
February, April, May 2005 (ug/l)**

<u>Sample ID:</u>	<u>MW-27B</u>	<u>MW-28B</u>	<u>MW-29B</u>
<u>Date:</u>	8/18/05	8/18/05	8/18/05
Semivolatile Organic Compounds			
(continued)			
Naphthalene	11 U	12 U	11 U
2-Nitroaniline	56 U	61 U	56 U
3-Nitroaniline	56 U	61 U	56 U
4-Nitroaniline	56 U	61 U	56 U
Nitrobenzene	11 U	12 U	11 U
2-Nitrophenol	11 U	12 U	11 U
4-Nitrophenol	56 U	61 U	56 U
N-Nitrosodiphenylamine	11 U	12 U	11 U
N-Nitroso-Di-n-propylamine	11 U	12 U	11 U
Pentachlorophenol	56 U	61 U	56 U
Phenanthrene	11 U	12 U	11 U
Phenol	11 U	12 U	11 U
Pyrene	11 U	12 U	11 U
1,2,4-Trichlorobenzene	11 U	12 U	11 U
2,4,5-Trichlorophenol	11 U	12 U	11 U
2,4,6-Trichlorophenol	11 U	12 U	11 U
Polychlorinated Biphenyls			
Aroclor 1016	0.61 U	0.65 U	0.57 U
Aroclor 1221	0.61 U	0.65 U	0.57 U
Aroclor 1232	0.61 U	0.65 U	0.57 U
Aroclor 1242	0.61 U	0.65 U	0.57 U
Aroclor 1248	0.61 U	0.65 U	0.57 U
Aroclor 1254	0.61 U	0.65 U	0.57 U
Aroclor 1260	0.61 U	0.65 U	0.57 U

a\ U = Compound not detected above method detection limit; D = Analytical result from a secondary duplicate; NA = Not applicable

b\ Blind duplicate of MW-17-40

c\ Blind duplicate of MW-19A

d\ No analysis for semivolatiles and PCBs due to insufficient sample volume.

e\ Blind duplicate of MW-32

Table 2

Soil Sampling Results
Emerson Power Transmission
Ithaca, New York
July 2005

<u>Sample ID:</u>	NYSDEC	<u>HA-RD-1-0-0.5</u>	<u>HA-RD-2-0-0.5</u>	<u>HA-RD-3-0-0-0.5</u>	<u>HA-RD-4-0-1</u>	<u>HA-RD-40-0-1 (c)</u>	<u>HA-RD-5-0-0.5</u>
<u>Depth (ft):</u>	Recommended Soil	0-0.5	0-0.5	0-0.5	0-1	0-1	0-0.5
<u>Date:</u>	<u>Cleanup Objective (b)</u>	7/28/05	7/28/05	7/28/05	7/28/05	7/28/05	7/28/05
Volatile Organic Compounds (µg/kg)							
Methylene chloride	100	5.0 U	6.0	6.0 U	6.0	5.0	7.0 U
Semivolatile Organic Compounds (µg/kg)							
Acenaphthene	50,000	350 U	160 J	350 J	1,700 U	350 U	370 U
Acenaphthylene	41,000	350 U	55 J	140 J	1,700 U	18 J	35 J
Anthracene	50,000	47 J	920	630	1,700 U	22 J	81 J
Benzo(a)anthracene	224	290 J	5,200	2,200	170 J	120 J	670
Benzo(b)fluoranthene	1,100	460	6,400 D	2,800	240 J	170 J	1,200
Benzo(k)fluoranthene	1,100	160 J	1,700	910	1,700 U	52 J	420
Benzo(ghi)perylene	50,000	160 J	2,600	980	110 J	100 J	360 J
Benzo(a)pyrene	61	310 J	5,600	2,100	170 J	130 J	710
Bis(2-ethylhexyl) phthalate	50,000	100 J	200 J	380 U	1,700 U	41 J	210 J
4-Bromophenyl phenyl ether	NA	350 U	350 U	70 J	1,700 U	350 U	370 U
Butyl benzyl phthalate	50,000	34 J	27 J	380 U	1,700 U	350 U	59 J
Carbazole	NA	39 J	510	240 J	1,700 U	350 U	72 J
Chrysene	400	360	4,400 D	2,300	180 J	130 J	760
Dibenzo(a,h)anthracene	14	39 J	690	290 J	1,700 U	22 J	79 J
Dibenzofuran	6,200	350 U	75 J	120 J	1,700 U	350 U	370 U
Di-n-butyl phthalate	8,100	21 J	350 U	21 J	1,700 U	350 U	34 J
Di-n-octyl phthalate	50,000	39 J	350 U	380 U	1,700 U	350 U	370 U
Fluoranthene	50,000	730	11,000 D	5,700	380 J	260 J	1,600
Fluorene	50,000	18 J	210 J	290 J	1,700 U	350 U	24 J
Indeno(1,2,3-cd)pyrene	3,200	140 J	2,400	900	1,700 U	85 J	370 U
Isophorone	4,400	350 U	350 U	380 U	1,700 U	350 U	320 J
2-Methylnaphthalene	36,400	350 U	18 J	51 J	1,700 U	350 U	370 U
Naphthalene	13,000	350 U	33 BJ	88 BJ	200 BJ	350 U	370 U
Phenanthrene	50,000	280 J	4,500	380 U	150 J	350 U	370 U
Pyrene	50,000	550	8,400 D	380 U	260 J	350 U	370 U

Table 2

Soil Sampling Results
Emerson Power Transmission
Ithaca, New York
July 2005

<u>Sample ID:</u>	<u>NYSDEC</u>	<u>HA-RD-1-0-0.5</u>	<u>HA-RD-2-0-0.5</u>	<u>HA-RD-3-0-0-0.5</u>	<u>HA-RD-4-0-1</u>	<u>HA-RD-40-0-1 (c)</u>	<u>HA-RD-5-0-0.5</u>
<u>Depth (ft):</u>	<u>Recommended Soil</u>	<u>0-0.5</u>	<u>0-0.5</u>	<u>0-0.5</u>	<u>0-1</u>	<u>0-1</u>	<u>0-0.5</u>
<u>Date:</u>	<u>Cleanup Objective (b)</u>	7/28/05	7/28/05	7/28/05	7/28/05	7/28/05	7/28/05
Total TAL Metals (mg/kg)							
Aluminum	33,000 (e)	11,300	11,200	9,680	11,200	11,000	8,380
Antimony	0.52 (f)	16.4 UR	16.2 UR	17.7 UR	16.8 UR	16.8 UR	17.5 J
Arsenic	7.5	8	8.5	6	10.8	11.3	4.6
Barium	300	79.2	93	97.7	88.2	88.7	171
Beryllium	0.16	0.53	0.57	0.41	0.58	0.56	0.46
Cadmium	1	0.49	0.76	0.53	0.58	0.45	3.4
Calcium	35,000 (e)	4,950	29,500	21,700	10,800	9,390	45,500
Chromium	10	16	23.7	15	15.4	14.8	22.4
Cobalt	30	9.5	10.1	8.3	8.5	7.9	18.5
Copper	25	15.2	23.9	24.6	27.4	20.6	28.8
Iron	2,000	18,700 J	21,300 J	18,700 J	19,300 J	18,600 J	14,000 J
Lead	200 (g)	52.2	163	57.8	43.6	38.9	160
Magnesium	5,000 (e)	3,140	4,900	5,580	3,690	3,570	5,240
Manganese	5,000 (e)	567	674	479	640	635	682
Mercury	0.1	0.062	0.05	0.048	0.026	0.027	0.18
Nickel	13	19.5	22.5	19.1	22.1	19.6	16.2
Potassium	8,500 (h)	1,010	964	1,030	1,500	1,340	1,300
Sodium	6,000 (e)	153 U	151 U	270	436	422	219
Vanadium	150	17.3	0.54	15	18.7	18.7	14
Zinc	20	72.9	2.2	104	87.4	69.8	1790

a\ U = Compound not detected above method detection limit; D = Analytical result from a secondary duplicate; MDL = Method detection limit; SB = Site background

J = Estimate value, concentration is less than the quantification limit, but greater than zero; B = Analyte detected in associated blank; NA = recommended soil cleanup objective not available.

UR=Reporting limit determined to be unusable because of QC deficiencies

b\ New York State Technical and Administrative Guidance Memorandum (TAGM) #4046 Appendix A, Tables 1, 2, and 3, Recommended Soil Cleanup Objectives (January 1994).

c\ Blind duplicate of HA-RD-4-0-1

d\ Polychlorinated biphenols were not detected in any sample

e\ New York State Technical and Administrative Guidance Memorandum (TAGM) #4046 Appendix A, Table 4. Eastern USA Background (January 1994).

f\ Eastern USA Mean Concentration (Shacklette and Boerngen 1984)

g\ New York State Technical and Administrative Guidance Memorandum (TAGM) #4046 Appendix A, Table 4. Background for Metropolitan Areas (January 1994).

h\ New York State Technical and Administrative Guidance Memorandum (TAGM) #4046 Appendix A, Table 4. New York State Background (January 1994).

**Air Sample Results for
Research and Development Building
Emerson Power Transmission
Ithaca, New York
September 22-23, 2005 (a)**

Sample Location	1	2	3	3	1	2	2	3	1	2
Sample Type	SS	SS	SS	SSR	IAB	IAB	IABR	IAB	AA	AA
Sample Date	September 22, 2005				September 22-23, 2005				September 22-23, 2005	
VOCs by EPA Method TO-15 (ug/m3)										
1,1,1-Trichloroethane	1.5 C	0.943 C	2.11 C	1.33 C	0.998 C	0.666 C	0.666 C	0.943 C	0.832 UC	0.832 UC
1,2-Dichloroethane	0.617 U	0.617 U	0.617 U	0.617 U	0.617 U	0.617 U	0.617 U	0.617 U	0.617 U	0.617 U
cis-1,2-Dichloroethene	4.15	0.604 U	0.604 U	0.604 U	0.604 U	0.604 U	0.604 U	0.604 U	0.604 U	0.604 U
Methylene chloride	0.53 U	0.918	1.06	0.847	24.2	2.01	2.37	1.31	0.53 U	0.53 U
Tetrachloroethylene	8.41	4.48	44.8	16.5	1.45	1.38	1.45	2.83	1.03 U	1.03 U
trans-1,2-Dichloroethene	0.604 U	0.604 U	0.604 U	0.604 U	0.604 U	0.604 U	0.604 U	0.604 U	0.604 U	0.604 U
Trichloroethene	13.7	4.21	7.21	3.93	1.42	1.31	1.97	1.31	0.546	0.218 U
Vinyl chloride	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U
1,1,2,2-Tetrachloroethane	1.05 U	1.05 U	1.05 U	1.05 U	1.05 U	1.05 U	1.05 U	1.05 U	1.05 U	1.05 U
1,1,2-Trichloroethane	0.832 U	0.832 U	0.832 U	0.832 U	0.832 U	0.832 U	0.832 U	0.832 U	0.832 U	0.832 U
1,1-Dichloroethane	0.617 U	0.617 U	0.617 U	0.617 U	0.617 U	0.617 U	0.617 U	0.617 U	0.617 U	0.617 U
1,1-Dichloroethene	0.605 U	0.605 U	0.605 U	0.605 U	0.605 U	0.605 U	0.605 U	0.605 U	0.605 U	0.605 U
1,2,4-Trichlorobenzene	1.13 U	1.13 U	1.13 U	1.13 U	1.13 U	1.13 U	1.13 U	1.13 U	1.13 U	1.13 U
1,2,4-Trimethylbenzene	2.8	3.95	4.5	2.45	4.3	3.85	5.5	3.45	3.9	3.4
1,2-Dibromoethane	1.17 U	1.17 U	1.17 U	1.17 U	1.17 U	1.17 U	1.17 U	1.17 U	1.17 U	1.17 U
1,2-Dichlorobenzene	0.917 U	0.917 U	0.917 U	0.917 U	0.917 U	0.917 U	0.917 U	0.917 U	0.917 U	0.917 U
1,2-Dichloropropane	0.705 U	0.705 U	0.705 U	0.705 U	0.705 U	0.705 U	0.705 U	0.705 U	0.705 U	0.705 U
1,3,5-Trimethylbenzene	2.15	2.8	2.7	1.6	3.75	4.05	4.7	2	3.5	2.75
1,3-Butadiene	0.337 U	0.337 U	0.337 U	0.337 U	0.337 U	0.337 U	0.337 U	0.337 U	0.337 U	0.337 U
1,3-Dichlorobenzene	0.917 U	0.917 U	0.917 U	0.917 U	0.917 U	0.917 U	0.917 U	0.917 U	0.917 U	0.917 U
1,4-Dichlorobenzene	0.917 U	0.917 U	0.917 U	0.917 U	0.917 U	0.917 U	0.917 U	0.917 U	0.917 U	0.917 U
1,4-Dioxane	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
2,2,4-Trimethylpentane	0.712 U	0.38 J	0.712 U	0.38 J	0.475 J	0.427 J	3.18	0.712 U	0.38 J	0.38 J
4-Ethyltoluene	0.5 J	0.999	1.05	0.65 J	1.2	1.1	1.6	0.8	0.75 J	0.55 J
Acetone	0.724 UC	35 C	22 C	0.724 UC	26.6 C	25.2 C	26.8 C	32.8 C	0.724 UC	0.724 UC
Allyl chloride	0.477 UC	0.477 UC	0.477 UC	0.477 UC	0.477 UC	0.477 UC	0.477 UC	0.477 UC	0.477 UC	0.477 UC
Benzene	0.649	0.942	0.942	0.877	1.2	1.3	1.53	1.2	1.14	1.2
Benzyl chloride	0.877 UC	0.877 UC	0.877 UC	0.877 UC	0.877 UC	0.877 UC	0.877 UC	0.877 UC	0.877 UC	0.877 UC
Bromodichloromethane	2.93 C	1.02 C	5.45 C	3.54 C	0.749 C	1.02 UC	0.681 C	1.02 UC	1.02 UC	1.02 UC
Bromoform	1.58 UC	1.58 UC	1.58 UC	1.58 UC	1.58 UC	1.58 UC	1.58 UC	1.58 UC	1.58 UC	1.58 UC
Bromomethane	0.592 U	0.592 U	0.592 U	0.592 U	0.592 U	0.592 U	0.592 U	0.592 U	0.592 U	0.592 U
Carbon disulfide	1.36	0.506	0.981	0.57	0.475 U	0.285 J	0.475 U	0.475 U	0.475 U	0.475 U
Carbon tetrachloride	0.767 C	0.767 C	1.34 C	1.09 C	0.767 C	0.959 UC	0.959 UC	0.959 UC	0.895 C	0.895 C
Chlorobenzene	0.702 U	0.702 U	0.702 U	0.702 U	0.702 U	0.702 U	0.702 U	0.702 U	0.702 U	0.702 U
Chloroethane	0.402 U	0.402 U	0.402 U	0.402 U	0.402 U	0.402 U	0.402 U	0.402 U	0.402 U	0.402 U
Chloroform	34.2	17.4	78.4	38.7	5.26	4.91	5.01	6.3	0.744 U	0.744 U
Chloromethane	0.315 U	1.01	0.315 U	0.861	1.3	1.34	1.39	1.24	0.315 U	1.78
cis-1,3-Dichloropropene	0.692 U	0.692 U	0.692 U	0.692 U	0.692 U	0.692 U	0.692 U	0.692 U	0.692 U	0.692 U
Cyclohexane	0.525 U	1.99	0.525 U	1.22	6.44	5.74	5.63	3.04	0.525 U	0.525 U
Dibromochloromethane	1.3 UC	1.3 UC	1.3 UC	1.3 UC	1.3 UC	1.3 UC	1.3 UC	1.3 UC	1.3 UC	1.3 UC
Ethyl acetate	0.916 U	0.916 U	0.916 U	0.916 U	0.916 U	0.916 U	0.916 U	0.916 U	0.916 U	0.916 U
Ethylbenzene	0.574 J	0.971	1.28	0.794	1.15	1.28	1.77	0.839	0.75	0.706
Freon 11	2.34	2.46	2.51	2.28	3.88	2.74	3.08	2.34	2.06	2.11
Freon 113	7.87	12.2	3.58	6.08	49.5	20.6	21	8.72	0.935 J	0.935 J
Freon 114	1.07 U	1.07 U	1.07 U	1.07 U	1.07 U	1.07 U	1.07 U	1.07 U	1.07 U	1.07 U
Freon 12	3.92	4.02	3.87	4.02	4.17	4.32	4.47	3.82	4.07	4.37
Heptane	0.625 UC	0.625 UC	0.625 UC	0.625 UC	0.625 UC	0.625 UC	1.08 C	0.625 UC	0.625 UC	0.625 UC
Hexachloro-1,3-butadiene	1.63 U	1.63 U	1.63 U	1.63 U	1.63 U	1.63 U	1.63 U	1.63 U	1.63 U	1.63 U

Table 3

**Air Sample Results for
Research and Development Building
Emerson Power Transmission
Ithaca, New York
September 22-23, 2005 (a)**

Sample Location	1	2	3	3	1	2	2	3	1	2
Sample Type	SS	SS	SS	SSR	IAB	IAB	IABR	IAB	AA	AA
Sample Date	September 22, 2005				September 22-23, 2005				September 22-23, 2005	
VOCs by EPA Method TO-15 (ug/m3)										
Hexane	0.537 U	1.93	2.04	1.65	2.15	1.68	2.97	1.65	0.537 U	0.537 U
Isopropyl alcohol	0.375 U	0.375 U	0.375 U	0.375 U	0.375 U	0.375 U	0.375 U	0.375 U	0.375 U	0.375 U
m-Xylene	1.37	2.47	2.87	1.5	2.38	2.87	4.41	1.94	1.68	1.72
Methyl butyl ketone	1.25 U	1.25 U	1.25 U	1.25 U	1.25 U	1.25 U	1.25 U	1.25 U	1.25 U	1.25 U
Methyl ethyl ketone	0.899 U	0.899 U	0.899 U	0.899 U	0.899 U	0.899 U	0.899 U	0.899 U	0.899 U	0.899 U
Methyl isobutyl ketone	1.25 U	1.25 U	1.25 U	1.25 U	1.25 U	1.25 U	1.25 U	1.25 U	1.25 U	1.25 U
Methyl tert-butyl ether	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U
o-Xylene	1.32	1.32	1.94	1.15	1.54	1.59	2.34	1.32	1.37	1.24
p-Xylene	0.618 J	0.794	1.5	0.883	1.19	1.24	1.77	1.06	1.1	0.794
Propylene	0.262 U	0.262 U	0.262 U	0.262 U	0.262 U	0.262 U	0.262 U	0.262 U	0.262 U	0.262 U
Styrene	0.649 U	0.649 U	0.649 U	0.649 U	0.649 U	0.649 U	0.996	0.649 U	0.649 U	0.649 U
Tetrahydrofuran	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U
Toluene	5.02	7.09	10.3	10.3	8.81	7.16	14.6	6.89	5.98	6.13
trans-1,3-Dichloropropene	0.692 U	0.692 U	0.692 U	0.692 U	0.692 U	0.692 U	0.692 U	0.692 U	0.692 U	0.692 U
Vinyl acetate	0.537 U	0.537 U	0.537 U	0.537 U	0.537 U	0.537 U	0.537 U	0.537 U	0.537 U	0.537 U
Vinyl bromide	0.667 UC	0.667 UC	0.667 UC	0.667 UC	0.667 UC	0.667 UC	0.667 UC	0.667 UC	0.667 UC	0.667 UC

a/ U = not detected at the reporting limit; SS = subslab soil gas sample; SSR = duplicate subslab soil gas sample; IAB = indoor air sample collected from basement; IABR = duplicate indoor air sample collected from basement; AA = ambient (outdoor) air sample;

J = analyte was detected at or below quantitation limit, C=result or reporting limit is estimated because of exceedances in the continuing calibration

Enclosure A – Boring Logs and Monitoring Well Construction Diagrams

Boring Log: MW-30B**Project:** EPT**Project No.:** 127491**Location:** Ithaca, NY**Completion Date:** August 4, 2005**Surface Elevation (feet AMSL*):** 532.55**TOC Elevation (feet AMSL*):** 534.64**Total Depth (feet):** 24.5**Borehole Diameter (inches):** 8/6

*AMSL = Above mean sea level



Sample Data					Subsurface Profile		Well Details
Depth	Sample/Interval	PID/OVM (ppm)	Blow Count	% Recovery	Lithology	Description	
						Ground Surface	
1	1	NA	NA NA NA NA	NA		Clayey Gravel (GC) Gray (N6) to black (N2.5) with coal, shale, and slag fragments; loose; dry; (fill).	
5	2	0.0	1 1 1 2	40			
	3	0.0	2 2 3 5	50			
10	4	0.0	8 6 4 6	45		Silt with Gravel (ML) Brown (7.5YR 5/2) to dark brown (7.5YR 3/2); with trace coal and shale fragments; nonplastic; loose; dry to moist.	
	5	0.0	6 7 12 15	70		Silt (ML) Light gray (N7) to brownish yellow (10YR 6/6); with trace limestone and shale fragments; nonplastic; loose; dry.	
	6	0.0	44 34 18 14	40			
15	7	0.0	20 100/4	15			
	8	NA	- - - -	100		Siltstone Gray (N5); weathered; highly fractured from 15 to 17.5 feet with weathering in fractures; fractures mainly along bedding; fractures mainly mechanical below 21 feet below ground surface; RQD 37% (10 to 14.5) and 75% (19.5 to 24.5).	
20	9	NA	- - -	100			
25						Bottom of Boring at 24.5 feet	
30							

Geologist(s): Gregory J. Frisch
Subcontractor: Parratt Wolff, Inc.
Driller/Operator: Mickey Marshal
Method: Hollow Stem Auger/Roller Bit

Environmental Strategies Consulting LLC

Boring Log: MW-31B**Project:** EPT**Project No.:** 127491**Location:** Ithaca, NY**Completion Date:** August 5, 2005**Surface Elevation (feet AMSL*):** 532.52**TOC Elevation (feet AMSL*):** 534.61**Total Depth (feet):** 24.5**Borehole Diameter (inches):** 8/6

*AMSL = Above mean sea level



Sample Data					Subsurface Profile		Well Details
Depth	Sample/Interval	PID/OVM (ppm)	Blow Count	% Recovery	Lithology	Description	
						Ground Surface	
1	1	NA	NA NA NA NA	NA		Silt with Gravel (ML) Gray (N5) to dark grayish brown (10YR 4/2); with coal and shale fragments; loose; dry; (fill).	
5	2	0.0	3 4 4 7	50			
	3	0.0	12 5 8 22	35			
10	4	0.0	19 100/2 -	0			
	5	0.0	19 19 20 18	35			
	6	0.0	12 11 10 8	40			
15	7	0.0	50/1 - -	0		Lean Clay with Gravel (CL) Dark gray (N4) to dark grayish brown (10YR 4/2); medium stiff; nonplastic; moist; weathered siltstone in shoe.	
20						Siltstone Gray (N5); weathered; highly fractured at 14.5 to 15.0 and 17.3 to 17.8 feet below ground surface; weathering in fractures; fracturing minly along bedding with vertical fracturing in highly fractured zones; fractures mainly mechanical below 21 feet below ground surface; RQD 38% (14.5 19.5) and 75 % (19.5 - 24.5).	
25						Bottom of Boring at 24.5 feet	
30							

Geologist(s): Gregory J. Frisch
Subcontractor: Parratt Wolff, Inc.
Driller/Operator: Mickey Marshal
Method: Hollow Stem Auger/Roller Bit

Environmental Strategies Consulting LLC

Boring Log: MW-32B**Project:** EPT**Project No.:** 127491**Location:** Ithaca, NY**Completion Date:** August 9, 2005**Surface Elevation (feet AMSL*):** 514.49**TOC Elevation (feet AMSL*):** 513.95**Total Depth (feet):** 11**Borehole Diameter (inches):** 8/6

*AMSL = Above mean sea level



Sample Data					Subsurface Profile		Well Details
Depth	Sample/Interval	PID/OVM (ppm)	Blow Count	% Recovery	Lithology	Description	
						Ground Surface	
1	1	NA	NA NA NA NA	NA		Clayey Gravel (GC) Dark gray (N3) to dark brown (10YR3/3); gravel for road base; loose; dry; (fill).	
2						Siltstone Light gray (N7); weathered; fractured; thinly bedded; fractures mainly along bedding with vertical fracturing and weathering from 3.7 to 4.0 feet below ground surface; RQD 66%.	
4	2	NA	- - -	100			
6							
8						Siltstone Same as above with natural fracturing at 10 to 10.2 feet below ground surface and mechanical fractures below 10.2 feet below ground surface; RQD 71%.	
10	3	NA	- - -	100			
12						Bottom of Boring at 11 feet	
14							

Geologist(s): Gregory J. Frisch
Subcontractor: Parratt Wolff, Inc.
Driller/Operator: Mickey Marshal
Method: Hollow Stem Auger/Roller Bit

Environmental Strategies Consulting LLC

Enclosure B – Monitoring Well Purge Records



Well ID	MW-27B	Site:	EPT-Ithaca	Sample Date:	8/18/2005
Well Diameter	2 in				
Depth to Water	23.46 ft	Samplers	TAH, BLN		
Total Well Depth	27.93 ft	Weather Conditions and Notes:	Sunny, Calm, ~70 degrees F		
Height of Water Column	4.5 ft				
Well Volume	0.730 gal				

Instrument Calibration Information

D.O. Meter Calibration		ORP Meter Calibration		S.C. Meter Calibration		
DO slope =		ORP in stand.		Expected S.C.	Measured S.C.	Notes
DO in air =	mg/L	T of stand.				
Air temp =	°C	Standard used:				
pH Meter Calibration			Notes on calibration: Horiba U-10 water quality meter calibrated to manufacturer's specifications using auto-cal solution.			
pH of Stand. 1	pH of Stand. 2	Slope				

Well Purging Information

Purge Volume (gal)	D.O. (mg/L)	T (°C)	ORP (mV)	S.C. (mS/cm)	Turb. (NTU)	pH	Notes
0.0	13.40	13.0	NM	4.100	71	8.43	
0.5	13.60	12.7	NM	4.070	803	8.39	Purged dry @ ~ 0.5 gal

Colorimetric Analysis

Analyte	Total or Dissolved	Sample Vol. (mL)	D.I. Vol. (mL)	Dilution Factor	Conc. in Dilute Sample (mg/L)	Conc. in Sample (mg/L)	Notes
Fe ²⁺						NM	
Fe total						NM	
Sulfide						NM	

Alkalinity Analysis

Sample Volume (mL)	Acid	Acid Conc. (N)	Digits Used	Alkalinity (mg/L as CaCO ₃)	Notes
	H ₂ SO ₄			NM	

Laboratory Analysis Information

# of Bottles	Analytes	Preservative	Bottle Type	Anal. Lab.	Filtered/Unfiltered	Sample Time
2	VOCs (EPA 8260B)	HCl	40 ml VOA	STL-Buffalo	Unfiltered	8/18/2005 18:00
1	SVOCs	none	1 L amber	STL-Buffalo	Unfiltered	8/18/2005 18:00
1	PCBs	none	1 L amber	STL-Buffalo	Unfiltered	8/18/2005 18:00



Well ID	MW-28B	Site:	EPT-Ithaca	Sample Date:	8/18/2005
Well Diameter	2 in				
Depth to Water	23.94 ft	Samplers	TAH, BLN		
Total Well Depth	31.35 ft	Weather Conditions and Notes:	Sunny, Calm, ~70 degrees F		
Height of Water Column	7.4 ft				
Well Volume	1.209 gal				

Instrument Calibration Information

D.O. Meter Calibration		ORP Meter Calibration		S.C. Meter Calibration		
DO slope =		ORP in stand.		Expected S.C.	Measured S.C.	Notes
DO in air =	mg/L	T of stand.				
Air temp =	°C	Standard used:				
pH Meter Calibration			Notes on calibration: Horiba U-10 water quality meter calibrated to manufacturer's specifications using auto-cal solution.			
pH of Stand. 1	pH of Stand. 2	Slope				

Well Purging Information

Purge Volume (gal)	D.O. (mg/L)	T (°C)	ORP (mV)	S.C. (mS/cm)	Turb. (NTU)	pH	Notes
0.0	13.59	12.7	NM	4.020	73	8.64	
0.5	13.57	12.4	NM	3.980	>999	8.46	Purged dry @ ~0.5 gal

Colorimetric Analysis

Analyte	Total or Dissolved	Sample Vol. (mL)	D.I. Vol. (mL)	Dilution Factor	Conc. in Dilute Sample (mg/L)	Conc. in Sample (mg/L)	Notes
Fe ²⁺						NM	
Fe total						NM	
Sulfide						NM	

Alkalinity Analysis

Sample Volume (mL)	Acid	Acid Conc. (N)	Digits Used	Alkalinity (mg/L as CaCO ₃)	Notes
	H ₂ SO ₄			NM	

Laboratory Analysis Information

# of Bottles	Analytes	Preservative	Bottle Type	Anal. Lab.	Filtered/Unfiltered	Sample Time
2	VOCs (EPA 8260B)	HCl	40 ml VOA	STL-Buffalo	Unfiltered	8/18/2005 18:30
1	SVOCs	none	1 L amber	STL-Buffalo	Unfiltered	8/18/2005 18:30
1	PCBs	none	1 L amber	STL-Buffalo	Unfiltered	8/18/2005 18:30



Well ID	MW-29B	Site:	EPT-Ithaca	Sample Date:	8/18/2005
Well Diameter	2 in				
Depth to Water	11.57 ft	Samplers	TAH, BLN		
Total Well Depth	21.30 ft	Weather Conditions and Notes:	Sunny, Calm, ~70 degrees F		
Height of Water Column	9.7 ft				
Well Volume	1.588 gal				

Instrument Calibration Information

D.O. Meter Calibration		ORP Meter Calibration		S.C. Meter Calibration		
DO slope =		ORP in stand.		Expected S.C.	Measured S.C.	Notes
DO in air =	mg/L	T of stand.				
Air temp =	°C	Standard used:				
pH Meter Calibration			Notes on calibration: Horiba U-10 water quality meter calibrated to manufacturer's specifications using auto-cal solution.			
pH of Stand. 1	pH of Stand. 2	Slope				

Well Purging Information

Purge Volume (gal)	D.O. (mg/L)	T (°C)	ORP (mV)	S.C. (mS/cm)	Turb. (NTU)	pH	Notes
0.0	11.52	14.9	NM	7.060	66	8.47	
1.5	11.47	14.4	NM	7.240	664	8.03	
3.0	12.07	13.9	NM	6.850	636	8.12	
4.0	12.33	13.8	NM	6.340	665	8.31	Purged dry @ ~4 gal

Colorimetric Analysis

Analyte	Total or Dissolved	Sample Vol. (mL)	D.I. Vol. (mL)	Dilution Factor	Conc. in Dilute Sample (mg/L)	Conc. in Sample (mg/L)	Notes
Fe ²⁺						NM	
Fe total						NM	
Sulfide						NM	

Alkalinity Analysis

Sample Volume (mL)	Acid	Acid Conc. (N)	Digits Used	Alkalinity (mg/L as CaCO ₃)	Notes
	H ₂ SO ₄			NM	

Laboratory Analysis Information

# of Bottles	Analytes	Preservative	Bottle Type	Anal. Lab.	Filtered/Unfiltered	Sample Time
2	VOCs (EPA 8260B)	HCl	40 ml VOA	STL-Buffalo	Unfiltered	8/18/2005 17:30
2	SVOCs	none	1 L amber	STL-Buffalo	Unfiltered	8/18/2005 17:30
1	PCBs	none	1 L amber	STL-Buffalo	Unfiltered	8/18/2005 17:30

Enclosure C – Pre-Sampling Site Inspection and Material Inventory Forms

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 Brian Silber Date/Time Prepared 9/20/05; 1406

Preparer's Affiliation ESC Phone No. 315-655-3900

Purpose of Investigation EPT Indoor Air Assessment of R3D Building

1. OCCUPANT:

Interviewed: ☒ Y ☐ N

Last Name: Laue First Name: Paul

Address: EPT Facility (maintenance worker)

County: Tompkins

Home Phone: — Office Phone: 607-272-7220 (Gen.#)

Number of Occupants/persons at this location 75-100 Age of Occupants 22 to 60 yrs old (approx.)
(approx.)

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: OFFICE SPACE [FLOORS 1-3]
Basement [Storage]

If the property is residential, type? (Circle appropriate response)

NA

Ranch
Raised Ranch
Cape Cod
Duplex
Modular

2-Family
Split Level
Contemporary
Apartment House
Log Home

3-Family
Colonial
Mobile Home
Townhouses/Condos
Other: _____

If multiple units, how many? _____

If the property is commercial, type?

NA

Business Type(s) _____

Does it include residences (i.e., multi-use)? Y / N

If yes, how many? _____

Other characteristics:

Number of floors 3 + basement

Building age 1920

Is the building insulated? Y / N

Basement is UNINSULATED

How air tight? Tight / Average / Not Tight

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:

Airflow between floors

AIRFLOW at door to stairwell at south end of basement is UP the stairwell. FLOW IS ALSO UPSTAIR in the NE corner of basement.

Airflow near source

NO SPECIFIC SOURCE identified in basement.

Outdoor air infiltration

MOST WINDOWS AND OPENINGS / CRACKS are 15' above floor. FLOW under one hard door is toward the outside. NO noticeable FLOW near floor drain. NO significant draw into exhaust vents near west wall.

Infiltration into air ducts

DUCT WORK is approx 12-14' above floor. Checked a couple of seams from step ladder — no apparent flow into or out of joints.

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

- a. Above grade construction: wood frame concrete stone brick
- b. Basement type: full crawlspace slab other _____
- c. Basement floor: concrete dirt stone other _____
- d. Basement floor: mostly uncovered covered covered with linoleum in B.R., tile in Rm in NW corner
- e. Concrete floor: unsealed sealed sealed with PAINT; but floor is worn
- f. Foundation walls: poured block stone other _____
- g. Foundation walls: unsealed sealed sealed with PAINT ON interior side
- h. The basement is: wet damp dry moldy [isolated wet spot noted from dripping pipe, otherwise dry]
- i. The basement is: finished unfinished partially finished
- j. Sump present? Y/N Y Formix sump near overhead door; covered w/ steel plates & filled in.
- k. Water in sump? Y/N not applicable

Basement/Lowest level depth below grade: 11 (feet)

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

14'x20' Former sump; 4" floor drain opening near overhead door; two 1" holes near stairs (NE); 2 eight inch diameter pipes (conduits) in floor in small Rm near sump; 2'x2' steel plate in floor south of overhead door; minor cracking of floor; 2 rooms in SW corner are locked and inaccessible.

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) No apparent heat source in basement. Upper floors
- | | | |
|---------------------|------------------|---------------------------------|
| Hot air circulation | Heat pump | <u>Hot water baseboard</u> |
| Space Heaters | Stream radiation | Radiant floor |
| Electric baseboard | Wood stove | Outdoor wood boiler Other _____ |
- * The primary type of fuel used is: Gas-fired roof-top units (2nd-3rd floors)
- | | | |
|--------------------|----------|----------|
| <u>Natural Gas</u> | Fuel Oil | Kerosene |
| <u>Electric</u> | Propane | Solar |
| Wood | Coal | |
- * Domestic hot water tank fueled by: Roof-mounted boiler; gas fired
- * Boiler/furnace located in: Basement Outdoors Main Floor Other ON roof for hot water

Air conditioning:

☒ Central Air

☐ Window units

☐ Open Windows

☐ None

4

Are there air distribution ducts present?

☒ Y / ☐ N - About 13-15' overhead.

Describe the supply and cold air return ductwork, and its condition where visible, including whether there is a cold air return and the tightness of duct joints. Indicate the locations on the floor plan diagram.

NA

7. OCCUPANCY

Is basement/lowest level occupied?

☐ Full-time

☐ Occasionally

☐ Seldom

☒ Almost Never

Level

General Use of Each Floor (e.g., familyroom, bedroom, laundry, workshop, storage)

Basement

File Storage (primarily) and computer equip.

1st Floor

OFFICE SPACE

2nd Floor

OFFICE SPACE

3rd Floor

OFFICE SPACE

4th Floor

NA

8. FACTORS THAT MAY INFLUENCE INDOOR AIR QUALITY

a. Is there an attached garage?

Y / ☒ N

b. Does the garage have a separate heating unit?

Y / N / ☒ NA

c. Are petroleum-powered machines or vehicles stored in the garage (e.g., lawnmower, atv, car)

Y / N / ☒ NA

Please specify _____

d. Has the building ever had a fire?

Y / ☒ N When? _____

e. Is a kerosene or unvented gas space heater present?

Y / ☒ N Where? _____

f. Is there a workshop or hobby/craft area?

Y / ☒ N Where & Type? _____

g. Is there smoking in the building?

Y / ☒ N How frequently? _____

h. Have cleaning products been used recently?

Y / ☒ N When & Type? _____

i. Have cosmetic products been used recently?

Y ☒ N When & Type? _____

5

X 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? 3 floors in July/Aug. 2005

l. Have air fresheners been used recently?

Y ☒ N When & Type? _____

m. Is there a kitchen exhaust fan?

Y ☒ N If yes, where vented? _____

n. Is there a bathroom exhaust fan?

Y ☒ N If yes, where vented? _____

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?

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

Y ☒ N No solvents used in R&D building. However, solvent are used in main bldg. which is connected by a walkway.

If yes, what types of solvents are used? NOCO 142, WD-40, Dycem Spray Remove

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)

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

Yes, work at a dry-cleaning service

No ☒ Unknown

Dry cleaning is used by workers on levels 1-3, which are office space.

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

Is the system active or passive? Active/Passive NA

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) NA

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

NA

d. Relocation package provided and explained to residents?

Y/N

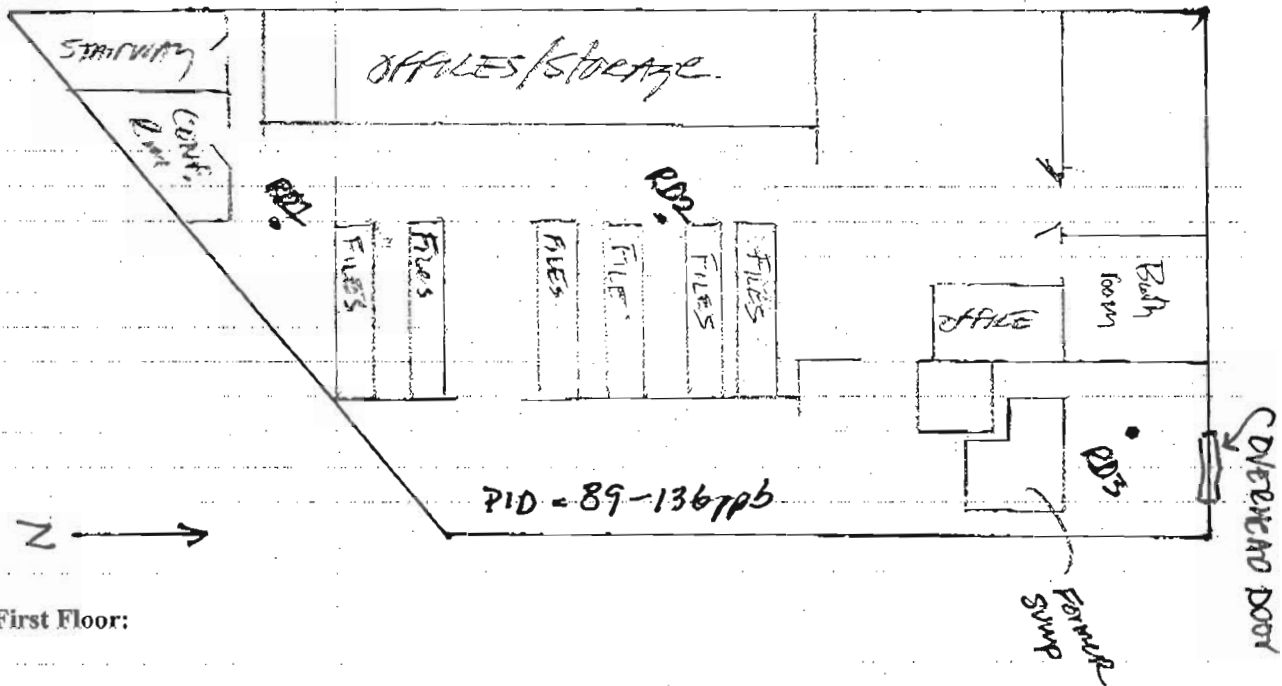
NA

6

11. FLOOR PLANS

Draw a plan view sketch of the basement and first floor of the building. Indicate air sampling locations, possible indoor air pollution sources and PID meter readings. If the building does not have a basement, please note.

Basement:



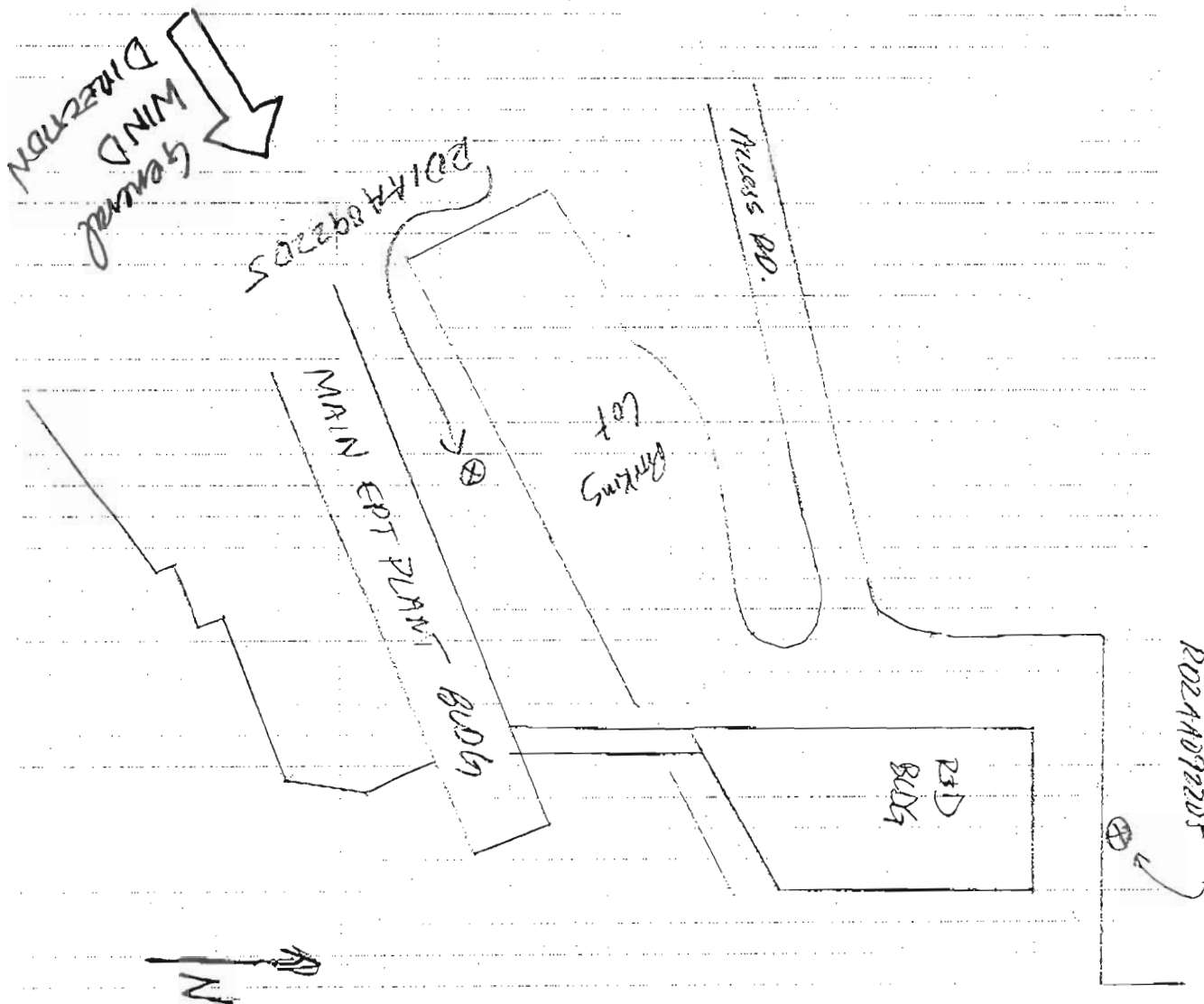
First Floor:

NA

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.



13. PRODUCT INVENTORY FORM

Make & Model of field instrument used:

List specific products found in the residence that have the potential to affect indoor air quality.

[illegible]

* Describe the condition of the product containers as **Unopened (UO)**, **Used (U)**, or **Deteriorated (D)**

Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.

(*) Indoor Ambient readings
RANGE from 89-136 ppb.

Enclosure D – Analytical Data Sheets

ANALYTICAL REPORT

Job#: A05-9033

STL Project#: NY4A9171

Site Name: Environmental Strategies Corporation

Task: Ithaca Site - 127491

Mr. John Johnson
Environmental Strategies Corp.
11911 Freedom Dr. Suite 900
Reston, VA 20190

STL Buffalo

Candace L. Fox
Project Manager

09/08/2005

STL Buffalo Current Certifications

STATE	Program	Cert # / Lab ID
Arkansas	SDWA, CWA, RCRA, SOIL	03-054-D/88-0686
California	NELAP SDWA, CWA, RCRA	01169CA
Connecticut	SDWA, CWA, RCRA, SOIL	PH-0568
Florida	NELAP RCRA	E87672
Georgia	SDWA	956
Illinois	NELAP SDWA, CWA, RCRA	200003
Iowa	SW/CS	374
Kansas	NELAP SDWA, CWA, RCRA	E-10187
Kentucky	SDWA	90029
Kentucky UST	UST	30
Louisiana	NELAP CWA, RCRA	2031
Maine	SDWA, CWA	NY044
Maryland	SDWA	294
Massachusetts	SDWA, CWA	M-NY044
Michigan	SDWA	9937
Minnesota	CWA, RCRA	036-999-337
New Hampshire	NELAP SDWA, CWA	233701
New Jersey	SDWA, CWA, RCRA, CLP	NY455
New York	NELAP, AIR, SDWA, CWA, RCRA	10026
North Carolina	CWA	411
North Dakota	SDWA, CWA, RCRA	R-176
Oklahoma	CWA, RCRA	9421
Pennsylvania	Env. Lab Reg.	68-281
South Carolina	RCRA	91013
USDA	FOREIGN SOIL PERMIT	S-41579
Virginia	SDWA	278
Washington	CWA	C254
West Virginia	CWA	252
Wisconsin	CWA	998310390

SAMPLE SUMMARY

<u>LAB SAMPLE ID</u>	<u>CLIENT SAMPLE ID</u>	<u>MATRIX</u>	<u>SAMPLED</u>		<u>RECEIVED</u>	
			<u>DATE</u>	<u>TIME</u>	<u>DATE</u>	<u>TIME</u>
A5903302	MW-27B	WATER	08/18/2005	18:00	08/22/2005	09:45
A5903303	MW-28B	WATER	08/18/2005	18:30	08/22/2005	09:45
A5903301	MW-29B	WATER	08/18/2005	17:30	08/22/2005	09:45
A5903305	MW-30B	WATER	08/18/2005	19:50	08/22/2005	09:45
A5903304	MW-31B	WATER	08/18/2005	19:35	08/22/2005	09:45
A5903306	MW-32B	WATER	08/18/2005	20:20	08/22/2005	09:45
A5903307	MW-32B (100)	WATER	08/18/2005	21:00	08/22/2005	09:45
A5903308	TB-081905	WATER	08/18/2005		08/22/2005	09:45

METHODS SUMMARY

Job#: A05-9033STL Project#: NY4A9171Site Name: Environmental Strategies Corporation

<u>PARAMETER</u>	<u>ANALYTICAL METHOD</u>
METHOD 8260 - TCL VOLATILE ORGANICS	SW8463 8260/5ML
ESC - 8270 - TCL SEMI-VOLATILE ORGANICS - W	SW8463 8270
ESC - METHOD 8082 - POLYCHLORINATED BIPHENYLS - W	SW8463 8082

SW8463 "Test Methods for Evaluating Solid Waste Physical/Chemical Methods (SW846), Third Edition, 9/86; Update I, 7/92; Update IIA, 8/93; Update II, 9/94; Update IIB, 1/95; Update III, 12/96.

NON-CONFORMANCE SUMMARY

Job#: A05-9033STL Project#: NY4A9171Site Name: Environmental Strategies CorporationGeneral Comments

The enclosed data have been reported utilizing data qualifiers (Q) as defined on the Data Comment Page.

Soil, sediment and sludge sample results are reported on "dry weight" basis unless otherwise noted in this data package.

According to 40CFR Part 136.3, pH, Chlorine Residual, Dissolved Oxygen, Sulfite, and Temperature analyses are to be performed immediately after aqueous sample collection. When these parameters are not indicated as field (e.g. pH-Field), they were not analyzed immediately, but as soon as possible after laboratory receipt.

Sample dilutions were performed as indicated on the attached Dilution Log. The rationale for dilution is specified by the 3-digit code and definition.

Sample Receipt Comments

A05-9033

Sample Cooler(s) were received at the following temperature(s); 2@5.2 °C
All samples were received in good condition.

GC/MS Volatile Data

No deviations from protocol were encountered during the analytical procedures.

GC/MS Semivolatile Data

No deviations from protocol were encountered during the analytical procedures.

GC Extractable Data

For method 8082, the recovery of surrogate Tetrachloro-m-xylene in sample MW-29B is outside of established quality control limits due to the sample matrix. The recovery of surrogate Decachlorobiphenyl is within quality control criteria; no corrective action is required.

The results presented in this report relate only to the analytical testing and condition of the sample at receipt. This report pertains to only those samples actually tested. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

<u>Client Sample ID</u>	<u>Lab Sample ID</u>	<u>Parameter (Inorganic)/Method (Organic)</u>	<u>Dilution</u>	<u>Code</u>
MW-32B	A5903306DL	8260/5ML	4.00	008
MW-32B(100)	A5903307DL	8260/5ML	4.00	008

Dilution Code Definition:

- 002 - sample matrix effects
- 003 - excessive foaming
- 004 - high levels of non-target compounds
- 005 - sample matrix resulted in method non-compliance for an Internal Standard
- 006 - sample matrix resulted in method non-compliance for Surrogate
- 007 - nature of the TCLP matrix
- 008 - high concentration of target analyte(s)
- 009 - sample turbidity
- 010 - sample color
- 011 - insufficient volume for lower dilution
- 012 - sample viscosity
- 013 - other

DATA COMMENT PAGE

ORGANIC DATA QUALIFIERS

- ND or U Indicates compound was analyzed for, but not detected at or above the reporting limit.
- J Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, or when the data indicates the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit but greater than zero.
- C This flag applies to pesticide results where the identification has been confirmed by GC/MS.
- B This flag is used when the analyte is found in the associated blank, as well as in the sample.
- E This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.
- D This flag identifies all compounds identified in an analysis at the secondary dilution factor.
- N Indicates presumptive evidence of a compound. This flag is used only for tentatively identified compounds, where the identification is based on the Mass Spectral library search. It is applied to all TIC results.
- P This flag is used for a pesticide/Aroclor target analyte when there is greater than 25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on the data page and flagged with a "P".
- A This flag indicates that a TIC is a suspected aldol-condensation product.
- 1 Indicates coelution.
- * Indicates analysis is not within the quality control limits.

INORGANIC DATA QUALIFIERS

- ND or U Indicates element was analyzed for, but not detected at or above the reporting limit.
- J or B Indicates a value greater than or equal to the instrument detection limit, but less than the quantitation limit.
- N Indicates spike sample recovery is not within the quality control limits.
- K Indicates the post digestion spike recovery is not within the quality control limits.
- S Indicates value determined by the Method of Standard Addition.
- M Indicates duplicate injection results exceeded quality control limits.
- W Post digestion spike for Furnace AA analysis is out of quality control limits (85-115%) while sample absorbance is less than 50% of spike absorbance.
- E Indicates a value estimated or not reported due to the presence of interferences.
- H Indicates analytical holding time exceedance. The value obtained should be considered an estimate.
- * Indicates analysis is not within the quality control limits.
- + Indicates the correlation coefficient for the Method of Standard Addition is less than 0.995.

Client ID Job No Sample Date	Lab ID	MW-27B A05-9033 08/18/2005	A5903302	MW-28B A05-9033 08/18/2005	A5903303	MW-29B A05-9033 08/18/2005	A5903301	MW-30B A05-9033 08/18/2005	A5903305
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Acetone	UG/L	ND	5.0	ND	5.0	ND	5.0	ND	5.0
Benzene	UG/L	ND	1.0	ND	1.0	ND	1.0	ND	1.0
Bromodichloromethane	UG/L	ND	1.0	ND	1.0	ND	1.0	ND	1.0
Bromoform	UG/L	ND	1.0	ND	1.0	ND	1.0	ND	1.0
Bromomethane	UG/L	ND	1.0	ND	1.0	ND	1.0	ND	1.0
2-Butanone	UG/L	ND	5.0	ND	5.0	ND	5.0	ND	5.0
Carbon Disulfide	UG/L	ND	1.0	ND	1.0	ND	1.0	ND	1.0
Carbon Tetrachloride	UG/L	ND	1.0	ND	1.0	ND	1.0	ND	1.0
Chlorobenzene	UG/L	ND	1.0	ND	1.0	ND	1.0	ND	1.0
Chloroethane	UG/L	ND	1.0	ND	1.0	ND	1.0	ND	1.0
Chloroform	UG/L	1.5	1.0	5.5	1.0	2.4	1.0	1.6	1.0
Chloromethane	UG/L	ND	1.0	ND	1.0	ND	1.0	ND	1.0
Cyclohexane	UG/L	ND	1.0	ND	1.0	ND	1.0	ND	1.0
1,2-Dibromoethane	UG/L	ND	1.0	ND	1.0	ND	1.0	ND	1.0
Dibromochloromethane	UG/L	ND	1.0	ND	1.0	ND	1.0	ND	1.0
1,2-Dibromo-3-chloropropane	UG/L	ND	1.0	ND	1.0	ND	1.0	ND	1.0
1,2-Dichlorobenzene	UG/L	ND	1.0	ND	1.0	ND	1.0	ND	1.0
1,3-Dichlorobenzene	UG/L	ND	1.0	ND	1.0	ND	1.0	ND	1.0
1,4-Dichlorobenzene	UG/L	ND	1.0	ND	1.0	ND	1.0	ND	1.0
Dichlorodifluoromethane	UG/L	ND	1.0	ND	1.0	ND	1.0	ND	1.0
1,1-Dichloroethane	UG/L	ND	1.0	ND	1.0	ND	1.0	ND	1.0
1,2-Dichloroethane	UG/L	ND	1.0	ND	1.0	ND	1.0	ND	1.0
1,1-Dichloroethene	UG/L	ND	1.0	ND	1.0	ND	1.0	ND	1.0
cis-1,2-Dichloroethene	UG/L	ND	1.0	ND	1.0	ND	1.0	ND	1.0
trans-1,2-Dichloroethene	UG/L	ND	1.0	ND	1.0	ND	1.0	ND	1.0
1,2-Dichloropropane	UG/L	ND	1.0	ND	1.0	ND	1.0	ND	1.0
cis-1,3-Dichloropropene	UG/L	ND	1.0	ND	1.0	ND	1.0	ND	1.0
trans-1,3-Dichloropropene	UG/L	ND	1.0	ND	1.0	ND	1.0	ND	1.0
Ethylbenzene	UG/L	ND	1.0	ND	1.0	ND	1.0	ND	1.0
2-Hexanone	UG/L	ND	5.0	ND	5.0	ND	5.0	ND	5.0
Isopropylbenzene	UG/L	ND	1.0	ND	1.0	ND	1.0	ND	1.0
Methyl acetate	UG/L	ND	1.0	ND	1.0	ND	1.0	ND	1.0
Methylcyclohexane	UG/L	ND	1.0	ND	1.0	ND	1.0	ND	1.0
Methylene chloride	UG/L	ND	1.0	ND	1.0	ND	1.0	ND	1.0
4-Methyl-2-pentanone	UG/L	ND	5.0	ND	5.0	ND	5.0	ND	5.0
Methyl(-t-Butyl Ether (MTBE)	UG/L	ND	1.0	ND	1.0	ND	1.0	ND	1.0
Styrene	UG/L	ND	1.0	ND	1.0	ND	1.0	ND	1.0
1,1,2,2-Tetrachloroethane	UG/L	ND	1.0	ND	1.0	ND	1.0	ND	1.0
Tetrachloroethene	UG/L	ND	1.0	ND	1.0	ND	1.0	ND	1.0
Toluene	UG/L	ND	1.0	ND	1.0	ND	1.0	ND	1.0
1,2,4-Trichlorobenzene	UG/L	ND	1.0	ND	1.0	ND	1.0	ND	1.0
1,1,1-Trichloroethane	UG/L	ND	1.0	ND	1.0	ND	1.0	ND	1.0
1,1,2-Trichloroethane	UG/L	ND	1.0	ND	1.0	ND	1.0	ND	1.0

Client ID Job No Sample Date	Lab ID	MW-27B A05-9033 08/18/2005	A5903302	MW-28B A05-9033 08/18/2005	A5903303	MW-29B A05-9033 08/18/2005	A5903301	MW-30B A05-9033 08/18/2005	A5903305
Analyte	Units	Sample Value	Reporting Limit	Sample value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
1,1,2-Trichloro-1,2,2-trifluor	UG/L	ND	1.0	ND	1.0	ND	1.0	ND	1.0
Trichlorofluoromethane	UG/L	ND	1.0	ND	1.0	ND	1.0	ND	1.0
Trichloroethene	UG/L	ND	1.0	ND	1.0	ND	1.0	ND	1.0
Vinyl chloride	UG/L	ND	1.0	ND	1.0	ND	1.0	ND	1.0
Total Xylenes	UG/L	ND	3.0	ND	3.0	ND	3.0	ND	3.0
IS/SURROGATE(S)									
Chlorobenzene-D5	%	86	50-200	80	50-200	83	50-200	81	50-200
1,4-Difluorobenzene	%	85	50-200	77	50-200	80	50-200	77	50-200
1,4-Dichlorobenzene-D4	%	85	50-200	75	50-200	79	50-200	75	50-200
Toluene-D8	%	86	76-122	86	76-122	82	76-122	81	76-122
p-Bromofluorobenzene	%	114	73-120	115	73-120	111	73-120	108	73-120
1,2-Dichloroethane-D4	%	92	72-143	90	72-143	87	72-143	84	72-143

Client ID Job No Sample Date	Lab ID	MW-31B A05-9033 08/18/2005	A5903304	MW-32B A05-9033 08/18/2005	A5903306	MW-32B A05-9033 08/18/2005	A5903306DL	MW-32B(100) A05-9033 08/18/2005	A5903307
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Acetone	UG/L	ND	5.0	ND	5.0	ND	20	ND	5.0
Benzene	UG/L	ND	1.0	ND	1.0	ND	4.0	ND	1.0
Bromodichloromethane	UG/L	5.2	1.0	ND	1.0	ND	4.0	ND	1.0
Bromoform	UG/L	ND	1.0	ND	1.0	ND	4.0	ND	1.0
Bromomethane	UG/L	ND	1.0	ND	1.0	ND	4.0	ND	1.0
2-Butanone	UG/L	ND	5.0	ND	5.0	ND	20	ND	5.0
Carbon Disulfide	UG/L	ND	1.0	ND	1.0	ND	4.0	ND	1.0
Carbon Tetrachloride	UG/L	ND	1.0	ND	1.0	ND	4.0	ND	1.0
Chlorobenzene	UG/L	ND	1.0	ND	1.0	ND	4.0	ND	1.0
Chloroethane	UG/L	ND	1.0	2.7	1.0	ND	4.0	2.8	1.0
Chloroform	UG/L	24	1.0	ND	1.0	ND	4.0	ND	1.0
Chloromethane	UG/L	ND	1.0	ND	1.0	ND	4.0	ND	1.0
Cyclohexane	UG/L	ND	1.0	ND	1.0	ND	4.0	ND	1.0
1,2-Dibromoethane	UG/L	ND	1.0	ND	1.0	ND	4.0	ND	1.0
Dibromochloromethane	UG/L	ND	1.0	ND	1.0	ND	4.0	ND	1.0
1,2-Dibromo-3-chloropropane	UG/L	ND	1.0	ND	1.0	ND	4.0	ND	1.0
1,2-Dichlorobenzene	UG/L	ND	1.0	ND	1.0	ND	4.0	ND	1.0
1,3-Dichlorobenzene	UG/L	ND	1.0	ND	1.0	ND	4.0	ND	1.0
1,4-Dichlorobenzene	UG/L	ND	1.0	ND	1.0	ND	4.0	ND	1.0
Dichlorodifluoromethane	UG/L	ND	1.0	ND	1.0	ND	4.0	ND	1.0
1,1-Dichloroethane	UG/L	ND	1.0	ND	1.0	ND	4.0	ND	1.0
1,2-Dichloroethane	UG/L	ND	1.0	ND	1.0	ND	4.0	ND	1.0
1,1-Dichloroethene	UG/L	ND	1.0	ND	1.0	ND	4.0	ND	1.0
cis-1,2-Dichloroethene	UG/L	1.3	1.0	170 E	1.0	160 D	4.0	170 E	1.0
trans-1,2-Dichloroethene	UG/L	ND	1.0	ND	1.0	ND	4.0	ND	1.0
1,2-Dichloropropane	UG/L	ND	1.0	ND	1.0	ND	4.0	ND	1.0
cis-1,3-Dichloropropene	UG/L	ND	1.0	ND	1.0	ND	4.0	ND	1.0
trans-1,3-Dichloropropene	UG/L	ND	1.0	ND	1.0	ND	4.0	ND	1.0
Ethylbenzene	UG/L	ND	1.0	ND	1.0	ND	4.0	ND	1.0
2-Hexanone	UG/L	ND	5.0	ND	5.0	ND	20	ND	5.0
Isopropylbenzene	UG/L	ND	1.0	ND	1.0	ND	4.0	ND	1.0
Methyl acetate	UG/L	ND	1.0	ND	1.0	ND	4.0	ND	1.0
Methylcyclohexane	UG/L	ND	1.0	ND	1.0	ND	4.0	ND	1.0
Methylene chloride	UG/L	ND	1.0	ND	1.0	ND	4.0	ND	1.0
4-Methyl-2-pentanone	UG/L	ND	5.0	ND	5.0	ND	20	ND	5.0
Methyl(-t-Butyl Ether (MTBE)	UG/L	ND	1.0	ND	1.0	ND	4.0	ND	1.0
Styrene	UG/L	ND	1.0	ND	1.0	ND	4.0	ND	1.0
1,1,2,2-Tetrachloroethane	UG/L	ND	1.0	ND	1.0	ND	4.0	ND	1.0
Tetrachloroethene	UG/L	ND	1.0	ND	1.0	ND	4.0	ND	1.0
Toluene	UG/L	ND	1.0	ND	1.0	ND	4.0	ND	1.0
1,2,4-Trichlorobenzene	UG/L	ND	1.0	ND	1.0	ND	4.0	ND	1.0
1,1,1-Trichloroethane	UG/L	ND	1.0	3.0	1.0	ND	4.0	3.2	1.0
1,1,2-Trichloroethane	UG/L	ND	1.0	ND	1.0	ND	4.0	ND	1.0

Client ID Job No Sample Date	Lab ID	MW-31B A05-9033 08/18/2005	A5903304	MW-32B A05-9033 08/18/2005	A5903306	MW-32B A05-9033 08/18/2005	A5903306DL	MW-32B(100) A05-9033 08/18/2005	A5903307
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
1,1,2-Trichloro-1,2,2-trifluor	UG/L	ND	1.0	ND	1.0	ND	4.0	ND	1.0
Trichlorofluoromethane	UG/L	ND	1.0	ND	1.0	ND	4.0	ND	1.0
Trichloroethene	UG/L	5.5	1.0	210 E	1.0	200 D	4.0	220 E	1.0
Vinyl chloride	UG/L	ND	1.0	ND	1.0	ND	4.0	ND	1.0
Total Xylenes	UG/L	ND	3.0	ND	3.0	ND	12	ND	3.0
IS/SURROGATE(S)									
Chlorobenzene-D5	%	84	50-200	88	50-200	92	50-200	81	50-200
1,4-Difluorobenzene	%	83	50-200	88	50-200	94	50-200	79	50-200
1,4-Dichlorobenzene-D4	%	90	50-200	92	50-200	79	50-200	77	50-200
Toluene-D8	%	86	76-122	85	76-122	82	76-122	84	76-122
p-Bromofluorobenzene	%	120	73-120	114	73-120	108	73-120	112	73-120
1,2-Dichloroethane-D4	%	90	72-143	90	72-143	86	72-143	86	72-143

Client ID Job No Sample Date	Lab ID	MW-32B(100) A05-9033 08/18/2005	A5903307DL	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Acetone	UG/L	ND	20	NA		NA		NA	
Benzene	UG/L	ND	4.0	NA		NA		NA	
Bromodichloromethane	UG/L	ND	4.0	NA		NA		NA	
Bromoform	UG/L	ND	4.0	NA		NA		NA	
Bromomethane	UG/L	ND	4.0	NA		NA		NA	
2-Butanone	UG/L	ND	20	NA		NA		NA	
Carbon Disulfide	UG/L	ND	4.0	NA		NA		NA	
Carbon Tetrachloride	UG/L	ND	4.0	NA		NA		NA	
Chlorobenzene	UG/L	ND	4.0	NA		NA		NA	
Chloroethane	UG/L	ND	4.0	NA		NA		NA	
Chloroform	UG/L	ND	4.0	NA		NA		NA	
Chloromethane	UG/L	ND	4.0	NA		NA		NA	
Cyclohexane	UG/L	ND	4.0	NA		NA		NA	
1,2-Dibromoethane	UG/L	ND	4.0	NA		NA		NA	
Dibromochloromethane	UG/L	ND	4.0	NA		NA		NA	
1,2-Dibromo-3-chloropropane	UG/L	ND	4.0	NA		NA		NA	
1,2-Dichlorobenzene	UG/L	ND	4.0	NA		NA		NA	
1,3-Dichlorobenzene	UG/L	ND	4.0	NA		NA		NA	
1,4-Dichlorobenzene	UG/L	ND	4.0	NA		NA		NA	
Dichlorodifluoromethane	UG/L	ND	4.0	NA		NA		NA	
1,1-Dichloroethane	UG/L	ND	4.0	NA		NA		NA	
1,2-Dichloroethane	UG/L	ND	4.0	NA		NA		NA	
1,1-Dichloroethene	UG/L	ND	4.0	NA		NA		NA	
cis-1,2-Dichloroethene	UG/L	160 D	4.0	NA		NA		NA	
trans-1,2-Dichloroethene	UG/L	ND	4.0	NA		NA		NA	
1,2-Dichloropropane	UG/L	ND	4.0	NA		NA		NA	
cis-1,3-Dichloropropene	UG/L	ND	4.0	NA		NA		NA	
trans-1,3-Dichloropropene	UG/L	ND	4.0	NA		NA		NA	
Ethylbenzene	UG/L	ND	4.0	NA		NA		NA	
2-Hexanone	UG/L	ND	20	NA		NA		NA	
Isopropylbenzene	UG/L	ND	4.0	NA		NA		NA	
Methyl acetate	UG/L	ND	4.0	NA		NA		NA	
Methylcyclohexane	UG/L	ND	4.0	NA		NA		NA	
Methylene chloride	UG/L	ND	4.0	NA		NA		NA	
4-Methyl-2-pentanone	UG/L	ND	20	NA		NA		NA	
Methyl-t-Butyl Ether (MTBE)	UG/L	ND	4.0	NA		NA		NA	
Styrene	UG/L	ND	4.0	NA		NA		NA	
1,1,2,2-Tetrachloroethane	UG/L	ND	4.0	NA		NA		NA	
Tetrachloroethene	UG/L	ND	4.0	NA		NA		NA	
Toluene	UG/L	ND	4.0	NA		NA		NA	
1,2,4-Trichlorobenzene	UG/L	ND	4.0	NA		NA		NA	
1,1,1-Trichloroethane	UG/L	ND	4.0	NA		NA		NA	
1,1,2-Trichloroethane	UG/L	ND	4.0	NA		NA		NA	

Client ID	Lab ID	MW-32B(100) A05-9033 08/18/2005	A5903307DL				
Job No							
Sample Date							
Analyte	Units	Sample Value	Reporting Limit	Sample value	Reporting Limit	Sample Value	Reporting Limit
1,1,2-Trichloro-1,2,2-trifluor	UG/L	ND	4.0	NA		NA	
Trichlorofluoromethane	UG/L	ND	4.0	NA		NA	
Trichloroethene	UG/L	200 D	4.0	NA		NA	
Vinyl chloride	UG/L	ND	4.0	NA		NA	
Total Xylenes	UG/L	ND	12	NA		NA	
IS/SURROGATE(S)							
Chlorobenzene-D5	%	89	50-200	NA		NA	
1,4-Difluorobenzene	%	89	50-200	NA		NA	
1,4-Dichlorobenzene-D4	%	83	50-200	NA		NA	
Toluene-D8	%	83	76-122	NA		NA	
p-Bromofluorobenzene	%	109	73-120	NA		NA	
1,2-Dichloroethane-D4	%	91	72-143	NA		NA	

Client ID Job No Sample Date	Lab ID	MW-27B A05-9033 08/18/2005	A5903302	MW-28B A05-9033 08/18/2005	A5903303	MW-29B A05-9033 08/18/2005	A5903301	MW-30B A05-9033 08/18/2005	A5903305
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Acenaphthene	UG/L	ND	11	ND	12	ND	11	ND	11
Acenaphthylene	UG/L	ND	11	ND	12	ND	11	ND	11
Acetophenone	UG/L	ND	11	ND	12	ND	11	ND	11
Anthracene	UG/L	ND	11	ND	12	ND	11	ND	11
Atrazine	UG/L	ND	11	ND	12	ND	11	ND	11
Benzaldehyde	UG/L	ND	56	ND	61	ND	56	ND	53
Benzo(a)anthracene	UG/L	ND	11	ND	12	ND	11	ND	11
Benzo(b)fluoranthene	UG/L	ND	11	ND	12	ND	11	ND	11
Benzo(k)fluoranthene	UG/L	ND	11	ND	12	ND	11	ND	11
Benzo(ghi)perylene	UG/L	ND	11	ND	12	ND	11	ND	11
Benzo(a)pyrene	UG/L	ND	11	ND	12	ND	11	ND	11
Benzoic acid	UG/L	ND	170	ND	180	ND	170	ND	160
Benzyl alcohol	UG/L	ND	22	ND	24	ND	22	ND	21
Biphenyl	UG/L	ND	11	ND	12	ND	11	ND	11
Bis(2-chloroethoxy) methane	UG/L	ND	11	ND	12	ND	11	ND	11
Bis(2-chloroethyl) ether	UG/L	ND	11	ND	12	ND	11	ND	11
2,2'-oxybis(1-chloropropane)	UG/L	ND	11	ND	12	ND	11	ND	11
Bis(2-ethylhexyl) phthalate	UG/L	ND	11	ND	12	ND	11	ND	11
4-Bromophenyl phenyl ether	UG/L	ND	11	ND	12	ND	11	ND	11
Butyl benzyl phthalate	UG/L	ND	11	ND	12	ND	11	ND	11
4-chloroaniline	UG/L	ND	11	ND	12	ND	11	ND	11
4-chloro-3-methylphenol	UG/L	ND	11	ND	12	ND	11	ND	11
2-chloronaphthalene	UG/L	ND	11	ND	12	ND	11	ND	11
2-chlorophenol	UG/L	ND	11	ND	12	ND	11	ND	11
4-chlorophenyl phenyl ether	UG/L	ND	11	ND	12	ND	11	ND	11
Caprolactam	UG/L	ND	11	ND	12	ND	11	ND	11
Chrysene	UG/L	ND	11	ND	12	ND	11	ND	11
Dibenzo(a,h)anthracene	UG/L	ND	11	ND	12	ND	11	ND	11
Dibenzofuran	UG/L	ND	11	ND	12	ND	11	ND	11
Di-n-butyl phthalate	UG/L	ND	11	ND	12	ND	11	ND	11
1,2-Dichlorobenzene	UG/L	ND	11	ND	12	ND	11	ND	11
1,3-Dichlorobenzene	UG/L	ND	11	ND	12	ND	11	ND	11
1,4-Dichlorobenzene	UG/L	ND	11	ND	12	ND	11	ND	11
3,3'-Dichlorobenzidine	UG/L	ND	22	ND	24	ND	22	ND	21
2,4-Dichlorophenol	UG/L	ND	11	ND	12	ND	11	ND	11
Diethyl phthalate	UG/L	ND	11	ND	12	ND	11	ND	11
2,4-Dimethylphenol	UG/L	ND	11	ND	12	ND	11	ND	11
Dimethyl phthalate	UG/L	ND	11	ND	12	ND	11	ND	11
4,6-Dinitro-2-methylphenol	UG/L	ND	56	ND	61	ND	56	ND	53
2,4-Dinitrophenol	UG/L	ND	56	ND	61	ND	56	ND	53
2,4-Dinitrotoluene	UG/L	ND	11	ND	12	ND	11	ND	11
2,6-Dinitrotoluene	UG/L	ND	11	ND	12	ND	11	ND	11
Di-n-octyl phthalate	UG/L	ND	11	ND	12	ND	11	ND	11

Client ID Job No Sample Date	Lab ID	MW-27B A05-9033 08/18/2005	A5903302	MW-28B A05-9033 08/18/2005	A5903303	MW-29B A05-9033 08/18/2005	A5903301	MW-30B A05-9033 08/18/2005	A5903305
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Fluoranthene	UG/L	ND	11	ND	12	ND	11	ND	11
Fluorene	UG/L	ND	11	ND	12	ND	11	ND	11
Hexachlorobenzene	UG/L	ND	11	ND	12	ND	11	ND	11
Hexachlorobutadiene	UG/L	ND	11	ND	12	ND	11	ND	11
Hexachlorocyclopentadiene	UG/L	ND	50	ND	55	ND	50	ND	48
Hexachloroethane	UG/L	ND	11	ND	12	ND	11	ND	11
Indeno(1,2,3-cd)pyrene	UG/L	ND	11	ND	12	ND	11	ND	11
Isophorone	UG/L	ND	11	ND	12	ND	11	ND	11
2-Methylnaphthalene	UG/L	ND	11	ND	12	ND	11	ND	11
2-Methylphenol	UG/L	ND	11	ND	12	ND	11	ND	11
4-Methylphenol	UG/L	ND	11	ND	12	ND	11	ND	11
Naphthalene	UG/L	ND	11	ND	12	ND	11	ND	11
2-Nitroaniline	UG/L	ND	56	ND	61	ND	56	ND	53
3-Nitroaniline	UG/L	ND	56	ND	61	ND	56	ND	53
4-Nitroaniline	UG/L	ND	56	ND	61	ND	56	ND	53
Nitrobenzene	UG/L	ND	11	ND	12	ND	11	ND	11
2-Nitrophenol	UG/L	ND	56	ND	61	ND	56	ND	53
4-Nitrophenol	UG/L	ND	11	ND	12	ND	11	ND	11
N-nitrosodiphenylamine	UG/L	ND	11	ND	12	ND	11	ND	11
N-Nitroso-Di-n-propylamine	UG/L	ND	11	ND	12	ND	11	ND	11
Pentachlorophenol	UG/L	ND	56	ND	61	ND	56	ND	53
Phenanthrene	UG/L	ND	11	ND	12	ND	11	ND	11
Phenol	UG/L	ND	11	ND	12	ND	11	ND	11
Pyrene	UG/L	ND	11	ND	12	ND	11	ND	11
1,2,4-Trichlorobenzene	UG/L	ND	11	ND	12	ND	11	ND	11
2,4,5-Trichlorophenol	UG/L	ND	11	ND	12	ND	11	ND	11
2,4,6-Trichlorophenol	UG/L	ND	11	ND	12	ND	11	ND	11
IS/SURROGATE(S)									
1,4-Dichlorobenzene-D4	%	83	50-200	91	50-200	91	50-200	87	50-200
Naphthalene-D8	%	86	50-200	91	50-200	93	50-200	88	50-200
Acenaphthene-D10	%	89	50-200	92	50-200	95	50-200	90	50-200
Phenanthrene-D10	%	91	50-200	94	50-200	98	50-200	92	50-200
Chrysene-D12	%	93	50-200	97	50-200	100	50-200	97	50-200
Perylene-D12	%	102	50-200	107	50-200	108	50-200	106	50-200
Nitrobenzene-D5	%	83	52-120	79	52-120	78	52-120	84	52-120
2-Fluorobiphenyl	%	80	21-120	81	21-120	78	21-120	84	21-120
p-Terphenyl-d14	%	70	36-138	75	36-138	77	36-138	80	36-138
Phenol-D5	%	31	13-120	33	13-120	32	13-120	31	13-120
2-Fluorophenol	%	47	21-120	45	21-120	45	21-120	47	21-120
2,4,6-Tribromophenol	%	102	62-133	98	62-133	97	62-133	108	62-133

Client ID Job No Sample Date	Lab ID	MW-32B A05-9033 08/18/2005	A5903306	MW-32B(100) A05-9033 08/18/2005	A5903307	Reporting Limit	Sample Value	Reporting Limit	Sample Value
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Acenaphthene	UG/L	ND	11	ND	12	NA	12	NA	12
Acenaphthylene	UG/L	ND	11	ND	12	NA	12	NA	12
Acetophenone	UG/L	ND	11	ND	12	NA	12	NA	12
Anthracene	UG/L	ND	11	ND	12	NA	12	NA	12
Atrazine	UG/L	ND	11	ND	59	NA	59	NA	59
Benzaldehyde	UG/L	ND	56	ND	12	NA	12	NA	12
Benzo(a)anthracene	UG/L	ND	11	ND	12	NA	12	NA	12
Benzo(b)fluoranthene	UG/L	ND	11	ND	12	NA	12	NA	12
Benzo(k)fluoranthene	UG/L	ND	11	ND	12	NA	12	NA	12
Benzo(ghi)perylene	UG/L	ND	11	ND	12	NA	12	NA	12
Benzo(a)pyrene	UG/L	ND	11	ND	180	NA	180	NA	180
Benzoic acid	UG/L	ND	170	ND	24	NA	24	NA	24
Benzyl alcohol	UG/L	ND	22	ND	12	NA	12	NA	12
Biphenyl	UG/L	ND	11	ND	12	NA	12	NA	12
Bis(2-chloroethoxy) methane	UG/L	ND	11	ND	12	NA	12	NA	12
Bis(2-chloroethyl) ether	UG/L	ND	11	ND	12	NA	12	NA	12
2,2'-oxybis(1-chloropropane)	UG/L	ND	11	ND	12	NA	12	NA	12
Bis(2-ethylhexyl) phthalate	UG/L	ND	11	ND	12	NA	12	NA	12
4-Bromophenyl phenyl ether	UG/L	ND	11	ND	12	NA	12	NA	12
Butyl benzyl phthalate	UG/L	ND	11	ND	12	NA	12	NA	12
4-chloroaniline	UG/L	ND	11	ND	12	NA	12	NA	12
4-chloro-3-methylphenol	UG/L	ND	11	ND	12	NA	12	NA	12
2-chloronaphthalene	UG/L	ND	11	ND	12	NA	12	NA	12
2-chlorophenol	UG/L	ND	11	ND	12	NA	12	NA	12
4-chlorophenyl phenyl ether	UG/L	ND	11	ND	12	NA	12	NA	12
Caprolactam	UG/L	ND	11	ND	12	NA	12	NA	12
Chrysene	UG/L	ND	11	ND	12	NA	12	NA	12
Dibenzo(a,h)anthracene	UG/L	ND	11	ND	12	NA	12	NA	12
Dibenzofuran	UG/L	ND	11	ND	12	NA	12	NA	12
Di-n-butyl phthalate	UG/L	ND	11	ND	12	NA	12	NA	12
1,2-Dichlorobenzene	UG/L	ND	11	ND	12	NA	12	NA	12
1,3-Dichlorobenzene	UG/L	ND	11	ND	12	NA	12	NA	12
1,4-Dichlorobenzene	UG/L	ND	11	ND	24	NA	24	NA	24
3,3'-Dichlorobenzidine	UG/L	ND	22	ND	12	NA	12	NA	12
2,4-Dichlorophenol	UG/L	ND	11	ND	12	NA	12	NA	12
Diethyl phthalate	UG/L	ND	11	ND	12	NA	12	NA	12
2,4-Dimethylphenol	UG/L	ND	11	ND	12	NA	12	NA	12
Dimethyl phthalate	UG/L	ND	11	ND	59	NA	59	NA	59
4,6-Dinitro-2-methylphenol	UG/L	ND	56	ND	12	NA	12	NA	12
2,4-Dinitrophenol	UG/L	ND	56	ND	12	NA	12	NA	12
2,6-Dinitrotoluene	UG/L	ND	11	ND	12	NA	12	NA	12
Di-n-octyl phthalate	UG/L	ND	11	ND	12	NA	12	NA	12

Client ID Job No Sample Date	Lab ID	MW-32B A05-9033 08/18/2005	A5903306	MW-32B(100) A05-9033 08/18/2005	A5903307	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	
Fluoranthene	UG/L	ND	11	ND	12	NA	12	NA	NA	NA	
Fluorene	UG/L	ND	11	ND	12	NA	12	NA	NA	NA	
Hexachlorobenzene	UG/L	ND	11	ND	12	NA	12	NA	NA	NA	
Hexachlorobutadiene	UG/L	ND	11	ND	12	NA	12	NA	NA	NA	
Hexachlorocyclopentadiene	UG/L	ND	50	ND	53	NA	53	NA	NA	NA	
Hexachloroethane	UG/L	ND	11	ND	12	NA	12	NA	NA	NA	
Indeno(1,2,3-cd)pyrene	UG/L	ND	11	ND	12	NA	12	NA	NA	NA	
Isophorone	UG/L	ND	11	ND	12	NA	12	NA	NA	NA	
2-Methylnaphthalene	UG/L	ND	11	ND	12	NA	12	NA	NA	NA	
2-Methylphenol	UG/L	ND	11	ND	12	NA	12	NA	NA	NA	
4-Methylphenol	UG/L	ND	11	ND	12	NA	12	NA	NA	NA	
Naphthalene	UG/L	ND	11	ND	12	NA	12	NA	NA	NA	
2-Nitroaniline	UG/L	ND	56	ND	59	NA	59	NA	NA	NA	
3-Nitroaniline	UG/L	ND	56	ND	59	NA	59	NA	NA	NA	
4-Nitroaniline	UG/L	ND	56	ND	59	NA	59	NA	NA	NA	
Nitrobenzene	UG/L	ND	11	ND	12	NA	12	NA	NA	NA	
2-Nitrophenol	UG/L	ND	11	ND	12	NA	12	NA	NA	NA	
4-Nitrophenol	UG/L	ND	56	ND	59	NA	59	NA	NA	NA	
N-nitrosodiphenylamine	UG/L	ND	11	ND	12	NA	12	NA	NA	NA	
N-Nitroso-Di-n-propylamine	UG/L	ND	11	ND	12	NA	12	NA	NA	NA	
Pentachlorophenol	UG/L	ND	56	ND	59	NA	59	NA	NA	NA	
Phenanthrene	UG/L	ND	11	ND	12	NA	12	NA	NA	NA	
Phenol	UG/L	ND	11	ND	12	NA	12	NA	NA	NA	
Pyrene	UG/L	ND	11	ND	12	NA	12	NA	NA	NA	
1,2,4-Trichlorobenzene	UG/L	ND	11	ND	12	NA	12	NA	NA	NA	
2,4,5-Trichlorophenol	UG/L	ND	11	ND	12	NA	12	NA	NA	NA	
2,4,6-Trichlorophenol	UG/L	ND	11	ND	12	NA	12	NA	NA	NA	
IS/SURROGATE(S)											
1,4-Dichlorobenzene-D4	%	92	50-200	97	50-200	NA	50-200	NA	NA	NA	
Naphthalene-D8	%	90	50-200	97	50-200	NA	50-200	NA	NA	NA	
Acenaphthene-D10	%	93	50-200	98	50-200	NA	50-200	NA	NA	NA	
Phenanthrene-D10	%	95	50-200	103	50-200	NA	50-200	NA	NA	NA	
Chrysene-D12	%	99	50-200	104	50-200	NA	50-200	NA	NA	NA	
Perylene-D12	%	108	50-200	112	50-200	NA	50-200	NA	NA	NA	
Nitrobenzene-D5	%	81	52-120	81	52-120	NA	52-120	NA	NA	NA	
2-Fluorobiphenyl	%	79	21-120	80	21-120	NA	21-120	NA	NA	NA	
p-Terphenyl-d14	%	57	36-138	73	36-138	NA	36-138	NA	NA	NA	
Phenol-D5	%	27	13-120	36	13-120	NA	13-120	NA	NA	NA	
2-Fluorophenol	%	35	21-120	50	21-120	NA	21-120	NA	NA	NA	
2,4,6-Tribromophenol	%	88	62-133	99	62-133	NA	62-133	NA	NA	NA	

Client ID Job No Sample Date	Lab ID	MW-27B A05-9033 08/18/2005	A5903302	MW-28B A05-9033 08/18/2005	A5903303	MW-29B A05-9033 08/18/2005	A5903301	MW-30B A05-9033 08/18/2005	A5903305
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Aroclor 1016	UG/L	ND	0.61	ND	0.65	ND	0.57	ND	0.53
Aroclor 1221	UG/L	ND	0.61	ND	0.65	ND	0.57	ND	0.53
Aroclor 1232	UG/L	ND	0.61	ND	0.65	ND	0.57	ND	0.53
Aroclor 1242	UG/L	ND	0.61	ND	0.65	ND	0.57	ND	0.53
Aroclor 1248	UG/L	ND	0.61	ND	0.65	ND	0.57	ND	0.53
Aroclor 1254	UG/L	ND	0.61	ND	0.65	ND	0.57	ND	0.53
Aroclor 1260	UG/L	ND	0.61	ND	0.65	ND	0.57	ND	0.53
=====SURROGATE(S)=====									
Tetrachloro-m-xylene	%	76	36-132	82	36-132	148 *	36-132	84	36-132
Decachlorobiphenyl	%	34	28-132	38	28-132	48	28-132	54	28-132

Client ID Job No Sample Date	Lab ID	MW-32B A05-9033 08/18/2005	A5903306	MW-32B(100) A05-9033 08/18/2005	A5903307	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Aroclor 1016	UG/L	ND	0.52	ND	0.62	NA	0.62	NA	
Aroclor 1221	UG/L	ND	0.52	ND	0.62	NA	0.62	NA	
Aroclor 1232	UG/L	ND	0.52	ND	0.62	NA	0.62	NA	
Aroclor 1242	UG/L	ND	0.52	ND	0.62	NA	0.62	NA	
Aroclor 1248	UG/L	ND	0.52	ND	0.62	NA	0.62	NA	
Aroclor 1254	UG/L	ND	0.52	ND	0.62	NA	0.62	NA	
Aroclor 1260	UG/L	ND	0.52	ND	0.62	NA	0.62	NA	
=====SURROGATE(S)=====									
Tetrachloro-m-xylene	%	74	36-132	75	36-132	NA	36-132	NA	
Decachlorobiphenyl	%	44	28-132	50	28-132	NA	28-132	NA	

Chronology and QC Summary Package

Client ID Job No Sample Date	Lab ID	VBLK88 A05-9033	A5B1298503	VBLK89 A05-9033	A5B1298504	vblk90 A05-9033	A5B1309802	vblk91 A05-9033	A5B1309804
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Acetone	UG/L	ND	5.0	ND	5.0	ND	5.0	ND	5.0
Benzene	UG/L	ND	1.0	ND	1.0	ND	1.0	ND	1.0
Bromodichloromethane	UG/L	ND	1.0	ND	1.0	ND	1.0	ND	1.0
Bromoform	UG/L	ND	1.0	ND	1.0	ND	1.0	ND	1.0
Bromomethane	UG/L	ND	1.0	ND	1.0	ND	1.0	ND	1.0
2-Butanone	UG/L	ND	5.0	ND	5.0	ND	5.0	ND	5.0
Carbon Disulfide	UG/L	ND	1.0	ND	1.0	ND	1.0	ND	1.0
Carbon Tetrachloride	UG/L	ND	1.0	ND	1.0	ND	1.0	ND	1.0
Chlorobenzene	UG/L	ND	1.0	ND	1.0	ND	1.0	ND	1.0
Chloroethane	UG/L	ND	1.0	ND	1.0	ND	1.0	ND	1.0
Chloroform	UG/L	ND	1.0	ND	1.0	ND	1.0	ND	1.0
Chloromethane	UG/L	ND	1.0	ND	1.0	ND	1.0	ND	1.0
Cyclohexane	UG/L	ND	1.0	ND	1.0	ND	1.0	ND	1.0
1,2-Dibromoethane	UG/L	ND	1.0	ND	1.0	ND	1.0	ND	1.0
Dibromochloromethane	UG/L	ND	1.0	ND	1.0	ND	1.0	ND	1.0
1,2-Dibromo-3-chloropropane	UG/L	ND	1.0	ND	1.0	ND	1.0	ND	1.0
1,2-Dichlorobenzene	UG/L	ND	1.0	ND	1.0	ND	1.0	ND	1.0
1,3-Dichlorobenzene	UG/L	ND	1.0	ND	1.0	ND	1.0	ND	1.0
1,4-Dichlorobenzene	UG/L	ND	1.0	ND	1.0	ND	1.0	ND	1.0
Dichlorodifluoromethane	UG/L	ND	1.0	ND	1.0	ND	1.0	ND	1.0
1,1-Dichloroethane	UG/L	ND	1.0	ND	1.0	ND	1.0	ND	1.0
1,2-Dichloroethane	UG/L	ND	1.0	ND	1.0	ND	1.0	ND	1.0
1,1-Dichloroethene	UG/L	ND	1.0	ND	1.0	ND	1.0	ND	1.0
cis-1,2-Dichloroethene	UG/L	ND	1.0	ND	1.0	ND	1.0	ND	1.0
trans-1,2-Dichloroethene	UG/L	ND	1.0	ND	1.0	ND	1.0	ND	1.0
1,2-Dichloropropane	UG/L	ND	1.0	ND	1.0	ND	1.0	ND	1.0
cis-1,3-Dichloropropene	UG/L	ND	1.0	ND	1.0	ND	1.0	ND	1.0
trans-1,3-Dichloropropene	UG/L	ND	1.0	ND	1.0	ND	1.0	ND	1.0
Ethylbenzene	UG/L	ND	1.0	ND	1.0	ND	1.0	ND	1.0
2-Hexanone	UG/L	ND	5.0	ND	5.0	ND	5.0	ND	5.0
Isopropylbenzene	UG/L	ND	1.0	ND	1.0	ND	1.0	ND	1.0
Methyl acetate	UG/L	ND	1.0	ND	1.0	ND	1.0	ND	1.0
Methylcyclohexane	UG/L	ND	1.0	ND	1.0	ND	1.0	ND	1.0
Methylene chloride	UG/L	ND	1.0	ND	1.0	ND	1.0	ND	1.0
4-Methyl-2-pentanone	UG/L	ND	5.0	ND	5.0	ND	5.0	ND	5.0
Methyl(-t-Butyl Ether (MTBE)	UG/L	ND	1.0	ND	1.0	ND	1.0	ND	1.0
Styrene	UG/L	ND	1.0	ND	1.0	ND	1.0	ND	1.0
1,1,2,2-Tetrachloroethane	UG/L	ND	1.0	ND	1.0	ND	1.0	ND	1.0
Tetrachloroethene	UG/L	ND	1.0	ND	1.0	ND	1.0	ND	1.0
Toluene	UG/L	ND	1.0	ND	1.0	ND	1.0	ND	1.0
1,2,4-Trichlorobenzene	UG/L	ND	1.0	ND	1.0	ND	1.0	ND	1.0
1,1,1-Trichloroethane	UG/L	ND	1.0	ND	1.0	ND	1.0	ND	1.0
1,1,2-Trichloroethane	UG/L	ND	1.0	ND	1.0	ND	1.0	ND	1.0

Client ID Job No Sample Date	Lab ID	VBLK88 A05-9033	A5B1298503	VBLK89 A05-9033	A5B1298504	vblk90 A05-9033	A5B1309802	vblk91 A05-9033	A5B1309804
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
1,1,2-Trichloro-1,2,2-trifluor	UG/L	ND	1.0	ND	1.0	ND	1.0	ND	1.0
Trichlorofluoromethane	UG/L	ND	1.0	ND	1.0	ND	1.0	ND	1.0
Trichloroethene	UG/L	ND	1.0	ND	1.0	ND	1.0	ND	1.0
Vinyl chloride	UG/L	ND	1.0	ND	1.0	ND	1.0	ND	1.0
Total Xylenes	UG/L	ND	3.0	ND	3.0	ND	3.0	ND	3.0
IS/SURROGATE(S)									
Chlorobenzene-D5	%	94	50-200	90	50-200	93	50-200	89	50-200
1,4-Difluorobenzene	%	95	50-200	88	50-200	93	50-200	90	50-200
1,4-Dichlorobenzene-D4	%	93	50-200	84	50-200	89	50-200	76	50-200
Toluene-D8	%	93	76-122	80	76-122	89	76-122	78	76-122
p-Bromofluorobenzene	%	120	73-120	106	73-120	118	73-120	106	73-120
1,2-Dichloroethane-D4	%	93	72-143	81	72-143	94	72-143	84	72-143

Client ID Job No Sample Date	Lab ID	MSB88 A05-9033	A5B1298501	MSB89 A05-9033	A5B1298502	msb90 A05-9033	A5B1309801	msb91 A05-9033	A5B1309803
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Acetone	UG/L	ND	5.0	ND	5.0	ND	5.0	ND	5.0
Benzene	UG/L	23	1.0	25	1.0	22	1.0	24	1.0
Bromodichloromethane	UG/L	ND	1.0	ND	1.0	ND	1.0	ND	1.0
Bromoform	UG/L	ND	1.0	ND	1.0	ND	1.0	ND	1.0
Bromomethane	UG/L	ND	1.0	ND	1.0	ND	1.0	ND	1.0
2-Butanone	UG/L	ND	5.0	ND	5.0	ND	5.0	ND	5.0
Carbon Disulfide	UG/L	ND	1.0	ND	1.0	ND	1.0	ND	1.0
Carbon Tetrachloride	UG/L	ND	1.0	ND	1.0	ND	1.0	ND	1.0
Chlorobenzene	UG/L	22	1.0	24	1.0	21	1.0	23	1.0
Chloroethane	UG/L	ND	1.0	ND	1.0	ND	1.0	ND	1.0
Chloroform	UG/L	ND	1.0	ND	1.0	ND	1.0	ND	1.0
Chloromethane	UG/L	ND	1.0	ND	1.0	ND	1.0	ND	1.0
Cyclohexane	UG/L	ND	1.0	ND	1.0	ND	1.0	ND	1.0
1,2-Dibromoethane	UG/L	ND	1.0	ND	1.0	ND	1.0	ND	1.0
Dibromochloromethane	UG/L	ND	1.0	ND	1.0	ND	1.0	ND	1.0
1,2-Dibromo-3-chloropropane	UG/L	ND	1.0	ND	1.0	ND	1.0	ND	1.0
1,2-Dichlorobenzene	UG/L	ND	1.0	ND	1.0	ND	1.0	ND	1.0
1,3-Dichlorobenzene	UG/L	ND	1.0	ND	1.0	ND	1.0	ND	1.0
1,4-Dichlorobenzene	UG/L	ND	1.0	ND	1.0	ND	1.0	ND	1.0
Dichlorodifluoromethane	UG/L	ND	1.0	ND	1.0	ND	1.0	ND	1.0
1,1-Dichloroethane	UG/L	ND	1.0	ND	1.0	ND	1.0	ND	1.0
1,2-Dichloroethane	UG/L	ND	1.0	ND	1.0	ND	1.0	ND	1.0
1,1-Dichloroethene	UG/L	24	1.0	26	1.0	22	1.0	25	1.0
cis-1,2-Dichloroethene	UG/L	ND	1.0	ND	1.0	ND	1.0	ND	1.0
trans-1,2-Dichloroethene	UG/L	ND	1.0	ND	1.0	ND	1.0	ND	1.0
1,2-Dichloropropane	UG/L	ND	1.0	ND	1.0	ND	1.0	ND	1.0
cis-1,3-Dichloropropene	UG/L	ND	1.0	ND	1.0	ND	1.0	ND	1.0
trans-1,3-Dichloropropene	UG/L	ND	1.0	ND	1.0	ND	1.0	ND	1.0
Ethylbenzene	UG/L	ND	1.0	ND	1.0	ND	1.0	ND	1.0
2-Hexanone	UG/L	ND	5.0	ND	5.0	ND	5.0	ND	5.0
Isopropylbenzene	UG/L	ND	1.0	ND	1.0	ND	1.0	ND	1.0
Methyl acetate	UG/L	ND	1.0	ND	1.0	ND	1.0	ND	1.0
Methylcyclohexane	UG/L	ND	1.0	ND	1.0	ND	1.0	ND	1.0
Methylene chloride	UG/L	ND	1.0	ND	1.0	ND	1.0	ND	1.0
4-Methyl-2-pentanone	UG/L	ND	5.0	ND	5.0	ND	5.0	ND	5.0
Methyl-t-Butyl Ether (MTBE)	UG/L	ND	1.0	ND	1.0	ND	1.0	ND	1.0
Styrene	UG/L	ND	1.0	ND	1.0	ND	1.0	ND	1.0
1,1,2,2-Tetrachloroethane	UG/L	ND	1.0	ND	1.0	ND	1.0	ND	1.0
Tetrachloroethene	UG/L	22	1.0	23	1.0	21	1.0	22	1.0
Toluene	UG/L	ND	1.0	ND	1.0	ND	1.0	ND	1.0
1,2,4-Trichlorobenzene	UG/L	ND	1.0	ND	1.0	ND	1.0	ND	1.0
1,1,1-Trichloroethane	UG/L	ND	1.0	ND	1.0	ND	1.0	ND	1.0
1,1,2-Trichloroethane	UG/L	ND	1.0	ND	1.0	ND	1.0	ND	1.0

Client ID Job No Sample Date	Lab ID	MSB88 A05-9033	A5B1298501	MSB89 A05-9033	A5B1298502	msb90 A05-9033	A5B1309801	msb91 A05-9033	A5B1309803
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
1,1,2-Trichloro-1,2,2-trifluor	UG/L	ND	1.0	ND	1.0	ND	1.0	ND	1.0
Trichlorofluoromethane	UG/L	ND	1.0	ND	1.0	ND	1.0	ND	1.0
Trichloroethene	UG/L	24	1.0	26	1.0	22	1.0	25	1.0
Vinyl chloride	UG/L	ND	1.0	ND	1.0	ND	1.0	ND	1.0
Total Xylenes	UG/L	ND	3.0	ND	3.0	ND	3.0	ND	3.0
IS/SURROGATE(S)									
Chlorobenzene-D5	%	105	50-200	90	50-200	101	50-200	96	50-200
1,4-Difluorobenzene	%	106	50-200	89	50-200	104	50-200	99	50-200
1,4-Dichlorobenzene-D4	%	106	50-200	86	50-200	97	50-200	84	50-200
Toluene-D8	%	89	76-122	82	76-122	88	76-122	85	76-122
p-Bromofluorobenzene	%	116	73-120	108	73-120	117	73-120	118	73-120
1,2-Dichloroethane-D4	%	85	72-143	79	72-143	87	72-143	86	72-143

Client ID Job No Sample Date	Lab ID	TB-081905 A05-9033 08/18/2005	A5903308	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Acetone	UG/L	ND	5.0	NA		NA		NA	
Benzene	UG/L	ND	1.0	NA		NA		NA	
Bromodichloromethane	UG/L	ND	1.0	NA		NA		NA	
Bromoform	UG/L	ND	1.0	NA		NA		NA	
Bromomethane	UG/L	ND	1.0	NA		NA		NA	
2-Butanone	UG/L	ND	5.0	NA		NA		NA	
Carbon Disulfide	UG/L	ND	1.0	NA		NA		NA	
Carbon Tetrachloride	UG/L	ND	1.0	NA		NA		NA	
Chlorobenzene	UG/L	ND	1.0	NA		NA		NA	
Chloroethane	UG/L	ND	1.0	NA		NA		NA	
Chloroform	UG/L	ND	1.0	NA		NA		NA	
Chloromethane	UG/L	ND	1.0	NA		NA		NA	
Cyclohexane	UG/L	ND	1.0	NA		NA		NA	
1,2-Dibromoethane	UG/L	ND	1.0	NA		NA		NA	
Dibromochloromethane	UG/L	ND	1.0	NA		NA		NA	
1,2-Dibromo-3-chloropropane	UG/L	ND	1.0	NA		NA		NA	
1,2-Dichlorobenzene	UG/L	ND	1.0	NA		NA		NA	
1,3-Dichlorobenzene	UG/L	ND	1.0	NA		NA		NA	
1,4-Dichlorobenzene	UG/L	ND	1.0	NA		NA		NA	
Dichlorodifluoromethane	UG/L	ND	1.0	NA		NA		NA	
1,1-Dichloroethane	UG/L	ND	1.0	NA		NA		NA	
1,2-Dichloroethane	UG/L	ND	1.0	NA		NA		NA	
1,1-Dichloroethene	UG/L	ND	1.0	NA		NA		NA	
cis-1,2-Dichloroethene	UG/L	ND	1.0	NA		NA		NA	
trans-1,2-Dichloroethene	UG/L	ND	1.0	NA		NA		NA	
1,2-Dichloropropane	UG/L	ND	1.0	NA		NA		NA	
cis-1,3-Dichloropropene	UG/L	ND	1.0	NA		NA		NA	
trans-1,3-Dichloropropene	UG/L	ND	1.0	NA		NA		NA	
Ethylbenzene	UG/L	ND	1.0	NA		NA		NA	
2-Hexanone	UG/L	ND	5.0	NA		NA		NA	
Isopropylbenzene	UG/L	ND	1.0	NA		NA		NA	
Methyl acetate	UG/L	ND	1.0	NA		NA		NA	
Methylcyclohexane	UG/L	ND	1.0	NA		NA		NA	
Methylene chloride	UG/L	ND	1.0	NA		NA		NA	
4-Methyl-2-pentanone	UG/L	ND	5.0	NA		NA		NA	
Methyl(-t-Butyl Ether (MTBE)	UG/L	ND	1.0	NA		NA		NA	
Styrene	UG/L	ND	1.0	NA		NA		NA	
1,1,2,2-Tetrachloroethane	UG/L	ND	1.0	NA		NA		NA	
Tetrachloroethene	UG/L	ND	1.0	NA		NA		NA	
Toluene	UG/L	ND	1.0	NA		NA		NA	
1,2,4-Trichlorobenzene	UG/L	ND	1.0	NA		NA		NA	
1,1,1-Trichloroethane	UG/L	ND	1.0	NA		NA		NA	
1,1,2-Trichloroethane	UG/L	ND	1.0	NA		NA		NA	

Client ID Job No Sample Date	Lab ID	TB-081905 A05-9033 08/18/2005	A5903308						
Analyte	Units	Sample Value	Reporting Limit	Sample value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
1,1,2-Trichloro-1,2,2-trifluor	UG/L	ND	1.0	NA		NA		NA	
Trichlorofluoromethane	UG/L	ND	1.0	NA		NA		NA	
Trichloroethene	UG/L	ND	1.0	NA		NA		NA	
Vinyl chloride	UG/L	ND	1.0	NA		NA		NA	
Total Xylenes	UG/L	ND	3.0	NA		NA		NA	
IS/SURROGATE(S)									
Chlorobenzene-D5	%	84	50-200	NA		NA		NA	
1,4-Difluorobenzene	%	84	50-200	NA		NA		NA	
1,4-Dichlorobenzene-D4	%	84	50-200	NA		NA		NA	
Toluene-D8	%	88	76-122	NA		NA		NA	
p-Bromofluorobenzene	%	115	73-120	NA		NA		NA	
1,2-Dichloroethane-D4	%	93	72-143	NA		NA		NA	

Client ID Job No Sample Date	Lab ID	S Blank A05-9033	A5B1283502	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Acenaphthene	UG/L	ND	10	NA		NA		NA	
Acenaphthylene	UG/L	ND	10	NA		NA		NA	
Acetophenone	UG/L	ND	10	NA		NA		NA	
Anthracene	UG/L	ND	10	NA		NA		NA	
Atrazine	UG/L	ND	10	NA		NA		NA	
Benzaldehyde	UG/L	ND	50	NA		NA		NA	
Benzo(a)anthracene	UG/L	ND	10	NA		NA		NA	
Benzo(b)fluoranthene	UG/L	ND	10	NA		NA		NA	
Benzo(k)fluoranthene	UG/L	ND	10	NA		NA		NA	
Benzo(ghi)perylene	UG/L	ND	10	NA		NA		NA	
Benzo(a)pyrene	UG/L	ND	10	NA		NA		NA	
Benzoic acid	UG/L	ND	150	NA		NA		NA	
Benzyl alcohol	UG/L	ND	20	NA		NA		NA	
Biphenyl	UG/L	ND	10	NA		NA		NA	
Bis(2-chloroethoxy) methane	UG/L	ND	10	NA		NA		NA	
Bis(2-chloroethyl) ether	UG/L	ND	10	NA		NA		NA	
2,2'-oxybis(1-chloropropane)	UG/L	ND	10	NA		NA		NA	
Bis(2-ethylhexyl) phthalate	UG/L	ND	10	NA		NA		NA	
4-Bromophenyl phenyl ether	UG/L	ND	10	NA		NA		NA	
Butyl benzyl phthalate	UG/L	ND	10	NA		NA		NA	
4-chloroaniline	UG/L	ND	10	NA		NA		NA	
4-chloro-3-methylphenol	UG/L	ND	10	NA		NA		NA	
2-chloronaphthalene	UG/L	ND	10	NA		NA		NA	
2-chlorophenol	UG/L	ND	10	NA		NA		NA	
4-chlorophenyl phenyl ether	UG/L	ND	10	NA		NA		NA	
Caprolactam	UG/L	ND	10	NA		NA		NA	
Chrysene	UG/L	ND	10	NA		NA		NA	
Dibenzo(a,h)anthracene	UG/L	ND	10	NA		NA		NA	
Dibenzofuran	UG/L	ND	10	NA		NA		NA	
Di-n-butyl phthalate	UG/L	ND	10	NA		NA		NA	
1,2-Dichlorobenzene	UG/L	ND	10	NA		NA		NA	
1,3-Dichlorobenzene	UG/L	ND	10	NA		NA		NA	
1,4-Dichlorobenzene	UG/L	ND	10	NA		NA		NA	
3,3'-Dichlorobenzidine	UG/L	ND	20	NA		NA		NA	
2,4-Dichlorophenol	UG/L	ND	10	NA		NA		NA	
Diethyl phthalate	UG/L	ND	10	NA		NA		NA	
2,4-Dimethylphenol	UG/L	ND	10	NA		NA		NA	
Dimethyl phthalate	UG/L	ND	10	NA		NA		NA	
4,6-Dinitro-2-methylphenol	UG/L	ND	50	NA		NA		NA	
2,4-Dinitrophenol	UG/L	ND	50	NA		NA		NA	
2,4-Dinitrotoluene	UG/L	ND	10	NA		NA		NA	
2,6-Dinitrotoluene	UG/L	ND	10	NA		NA		NA	
Di-n-octyl phthalate	UG/L	ND	10	NA		NA		NA	

Client ID Job No Sample Date	Lab ID	S Blank A05-9033	A5B1283502	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Fluoranthene	UG/L	ND	10	NA		NA		NA	
Fluorene	UG/L	ND	10	NA		NA		NA	
Hexachlorobenzene	UG/L	ND	10	NA		NA		NA	
Hexachlorobutadiene	UG/L	ND	10	NA		NA		NA	
Hexachlorocyclopentadiene	UG/L	ND	45	NA		NA		NA	
Hexachloroethane	UG/L	ND	10	NA		NA		NA	
Indeno(1,2,3-cd)pyrene	UG/L	ND	10	NA		NA		NA	
Isophorone	UG/L	ND	10	NA		NA		NA	
2-Methylnaphthalene	UG/L	ND	10	NA		NA		NA	
2-Methylphenol	UG/L	ND	10	NA		NA		NA	
4-Methylphenol	UG/L	ND	10	NA		NA		NA	
Naphthalene	UG/L	ND	10	NA		NA		NA	
2-Nitroaniline	UG/L	ND	50	NA		NA		NA	
3-Nitroaniline	UG/L	ND	50	NA		NA		NA	
4-Nitroaniline	UG/L	ND	50	NA		NA		NA	
Nitrobenzene	UG/L	ND	10	NA		NA		NA	
2-Nitrophenol	UG/L	ND	10	NA		NA		NA	
4-Nitrophenol	UG/L	ND	50	NA		NA		NA	
N-nitrosodiphenylamine	UG/L	ND	10	NA		NA		NA	
N-Nitroso-Di-n-propylamine	UG/L	ND	10	NA		NA		NA	
Pentachlorophenol	UG/L	ND	50	NA		NA		NA	
Phenanthrene	UG/L	ND	10	NA		NA		NA	
Phenol	UG/L	ND	10	NA		NA		NA	
Pyrene	UG/L	ND	10	NA		NA		NA	
1,2,4-Trichlorobenzene	UG/L	ND	10	NA		NA		NA	
2,4,5-Trichlorophenol	UG/L	ND	10	NA		NA		NA	
2,4,6-Trichlorophenol	UG/L	ND	10	NA		NA		NA	
IS/SURROGATE(S)									
1,4-Dichlorobenzene-D4	%	86	50-200	NA		NA		NA	
Naphthalene-D8	%	87	50-200	NA		NA		NA	
Acenaphthene-D10	%	88	50-200	NA		NA		NA	
Phenanthrene-D10	%	90	50-200	NA		NA		NA	
Chrysene-D12	%	90	50-200	NA		NA		NA	
Perylene-D12	%	98	50-200	NA		NA		NA	
Nitrobenzene-D5	%	82	52-120	NA		NA		NA	
2-Fluorobiphenyl	%	80	21-120	NA		NA		NA	
p-Terphenyl-d14	%	97	36-138	NA		NA		NA	
Phenol-D5	%	28	13-120	NA		NA		NA	
2-Fluorophenol	%	43	21-120	NA		NA		NA	
2,4,6-Tribromophenol	%	98	62-133	NA		NA		NA	

Client ID Job No Sample Date	Lab ID	Matrix Spike Blank A05-9033 A5B1283501		Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value
		Sample Value	Reporting Limit						
Acenaphthene		89	10		NA		NA		NA
Acenaphthylene		ND	10		NA		NA		NA
Acetophenone		ND	10		NA		NA		NA
Anthracene		ND	10		NA		NA		NA
Atrazine		ND	10		NA		NA		NA
Benzaldehyde		ND	50		NA		NA		NA
Benzo(a)anthracene		ND	10		NA		NA		NA
Benzo(b)fluoranthene		ND	10		NA		NA		NA
Benzo(k)fluoranthene		ND	10		NA		NA		NA
Benzo(ghi)perylene		ND	10		NA		NA		NA
Benzo(a)pyrene		ND	10		NA		NA		NA
Benzoic acid		ND	150		NA		NA		NA
Benzyl alcohol		ND	20		NA		NA		NA
Biphenyl		ND	10		NA		NA		NA
Bis(2-chloroethoxy) methane		ND	10		NA		NA		NA
Bis(2-chloroethyl) ether		ND	10		NA		NA		NA
2,2'-oxybis(1-chloropropane)		ND	10		NA		NA		NA
Bis(2-ethylhexyl) phthalate		ND	10		NA		NA		NA
4-Bromophenyl phenyl ether		ND	10		NA		NA		NA
Butyl benzyl phthalate		ND	10		NA		NA		NA
4-chloroaniline		ND	10		NA		NA		NA
4-chloro-3-methylphenol		90	10		NA		NA		NA
2-chloronaphthalene		ND	10		NA		NA		NA
2-chlorophenol		82	10		NA		NA		NA
4-chlorophenyl phenyl ether		ND	10		NA		NA		NA
Caprolactam		ND	10		NA		NA		NA
Chrysene		ND	10		NA		NA		NA
Dibenzo(a,h)anthracene		ND	10		NA		NA		NA
Dibenzofuran		ND	10		NA		NA		NA
Di-n-butyl phthalate		ND	10		NA		NA		NA
1,2-Dichlorobenzene		ND	10		NA		NA		NA
1,3-Dichlorobenzene		ND	10		NA		NA		NA
1,4-Dichlorobenzene		75	10		NA		NA		NA
3,3'-Dichlorobenzidine		ND	20		NA		NA		NA
2,4-Dichlorophenol		ND	10		NA		NA		NA
Diethyl phthalate		ND	10		NA		NA		NA
2,4-Dimethylphenol		ND	10		NA		NA		NA
Dimethyl phthalate		ND	10		NA		NA		NA
4,6-Dinitro-2-methylphenol		ND	50		NA		NA		NA
2,4-Dinitrophenol		ND	50		NA		NA		NA
2,4-Dinitrotoluene		90	10		NA		NA		NA
2,6-Dinitrotoluene		ND	10		NA		NA		NA
Di-n-octyl phthalate		ND	10		NA		NA		NA

Client ID Job No Sample Date	Lab ID	Matrix Spike Blank A05-9033 A5B1283501		Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Fluoranthene	UG/L	ND	10	NA		NA		NA	
Fluorene	UG/L	ND	10	NA		NA		NA	
Hexachlorobenzene	UG/L	ND	10	NA		NA		NA	
Hexachlorobutadiene	UG/L	ND	10	NA		NA		NA	
Hexachlorocyclopentadiene	UG/L	ND	45	NA		NA		NA	
Hexachloroethane	UG/L	ND	10	NA		NA		NA	
Indeno(1,2,3-cd)pyrene	UG/L	ND	10	NA		NA		NA	
Isophorone	UG/L	ND	10	NA		NA		NA	
2-Methylnaphthalene	UG/L	ND	10	NA		NA		NA	
2-Methylphenol	UG/L	ND	10	NA		NA		NA	
4-Methylphenol	UG/L	ND	10	NA		NA		NA	
Naphthalene	UG/L	ND	10	NA		NA		NA	
2-Nitroaniline	UG/L	ND	50	NA		NA		NA	
3-Nitroaniline	UG/L	ND	50	NA		NA		NA	
4-Nitroaniline	UG/L	ND	50	NA		NA		NA	
Nitrobenzene	UG/L	ND	10	NA		NA		NA	
2-Nitrophenol	UG/L	ND	10	NA		NA		NA	
4-Nitrophenol	UG/L	ND	50	NA		NA		NA	
N-nitrosodiphenylamine	UG/L	ND	10	NA		NA		NA	
N-Nitroso-Di-n-propylamine	UG/L	90	10	NA		NA		NA	
Pentachlorophenol	UG/L	91	50	NA		NA		NA	
Phenanthrene	UG/L	ND	10	NA		NA		NA	
Phenol	UG/L	30	10	NA		NA		NA	
Pyrene	UG/L	95	10	NA		NA		NA	
1,2,4-Trichlorobenzene	UG/L	77	10	NA		NA		NA	
2,4,5-Trichlorophenol	UG/L	ND	10	NA		NA		NA	
2,4,6-Trichlorophenol	UG/L	ND	10	NA		NA		NA	
IS/SURROGATE(S)									
1,4-Dichlorobenzene-D4	%	86	50-200	NA		NA		NA	
Naphthalene-D8	%	87	50-200	NA		NA		NA	
Acenaphthene-D10	%	88	50-200	NA		NA		NA	
Phenanthrene-D10	%	90	50-200	NA		NA		NA	
Chrysene-D12	%	89	50-200	NA		NA		NA	
Perylene-D12	%	95	50-200	NA		NA		NA	
Nitrobenzene-D5	%	84	52-120	NA		NA		NA	
2-Fluorobiphenyl	%	82	21-120	NA		NA		NA	
p-Terphenyl-d14	%	99	36-138	NA		NA		NA	
Phenol-D5	%	31	13-120	NA		NA		NA	
2-Fluorophenol	%	46	21-120	NA		NA		NA	
2,4,6-Tribromophenol	%	102	62-133	NA		NA		NA	

Client ID Job No Sample Date	Lab ID	Method Blank A05-9033		A5B1283303							
		Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Aroclor 1016			UG/L	ND	0.50	NA		NA		NA	
Aroclor 1221			UG/L	ND	0.50	NA		NA		NA	
Aroclor 1232			UG/L	ND	0.50	NA		NA		NA	
Aroclor 1242			UG/L	ND	0.50	NA		NA		NA	
Aroclor 1248			UG/L	ND	0.50	NA		NA		NA	
Aroclor 1254			UG/L	ND	0.50	NA		NA		NA	
Aroclor 1260			UG/L	ND	0.50	NA		NA		NA	
=====SURROGATE(S)=====											
Tetrachloro-m-xylene			%	82	36-132	NA		NA		NA	
Decachlorobiphenyl			%	82	28-132	NA		NA		NA	

Client ID Job No Sample Date	Lab ID	Matrix Spike Blank A5B1283301		Matrix Spike Blk Dup A5B1283302			
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Aroclor 1016	UG/L	4.4	0.50	4.2	0.50	NA	NA
Aroclor 1221	UG/L	ND	0.50	ND	0.50	NA	NA
Aroclor 1232	UG/L	ND	0.50	ND	0.50	NA	NA
Aroclor 1242	UG/L	ND	0.50	ND	0.50	NA	NA
Aroclor 1248	UG/L	ND	0.50	ND	0.50	NA	NA
Aroclor 1254	UG/L	ND	0.50	ND	0.50	NA	NA
Aroclor 1260	UG/L	4.3	0.50	4.7	0.50	NA	NA
=====SURROGATE(S)=====							
Tetrachloro-m-xylene	%	82	36-132	78	36-132	NA	NA
Decachlorobiphenyl	%	73	28-132	76	28-132	NA	NA

Client Sample ID: VBLK88 MSB88
Lab Sample ID: A5B1298503 A5B1298501

Analyte	Units of Measure	Concentration		% Recovery Blank Spike	QC LIMITS
		Blank Spike	Spike Amount		
METHOD 8260 - TCL VOLATILE ORGANICS					
1,1-Dichloroethene	UG/L	24.1	25.0	96	65-142
Trichloroethene	UG/L	24.0	25.0	96	71-120
Benzene	UG/L	23.4	25.0	94	67-126
Toluene	UG/L	22.0	25.0	88	69-120
Chlorobenzene	UG/L	22.1	25.0	89	73-120

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Client Sample ID: VBLK89 MSB89
Lab Sample ID: A5B1298504 A5B1298502

Analyte	Units of Measure	Concentration		% Recovery Blank Spike	QC LIMITS
		Blank Spike	Spike Amount		
METHOD 8260 - TCL VOLATILE ORGANICS					
1,1-Dichloroethene	UG/L	25.5	25.0	102	65-142
Trichloroethene	UG/L	25.7	25.0	103	71-120
Benzene	UG/L	24.9	25.0	100	67-126
Toluene	UG/L	23.3	25.0	93	69-120
Chlorobenzene	UG/L	23.7	25.0	95	73-120

* Indicates Result is outside Qc Limits
NC = Not Calculated ND = Not Detected

Client Sample ID: vblk90 msb90
Lab Sample ID: A5B1309802 A5B1309801

Analyte	Units of Measure	Concentration		% Recovery Blank Spike	QC LIMITS
		Blank Spike	Spike Amount		
METHOD 8260 - TCL VOLATILE ORGANICS					
1,1-Dichloroethene	UG/L	22.2	25.0	89	65-142
Trichloroethene	UG/L	21.9	25.0	88	71-120
Benzene	UG/L	21.6	25.0	86	67-126
Toluene	UG/L	20.6	25.0	82	69-120
Chlorobenzene	UG/L	21.0	25.0	84	73-120

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Client Sample ID: vblk91 msb91
Lab Sample ID: A5B1309804 A5B1309803

Analyte	Units of Measure	Concentration		% Recovery	QC LIMITS
		Blank Spike	Spike Amount	Blank Spike	
METHOD 8260 - TCL VOLATILE ORGANICS					
1,1-Dichloroethene	UG/L	25.4	25.0	102	65-142
Trichloroethene	UG/L	24.8	25.0	99	71-120
Benzene	UG/L	24.0	25.0	96	67-126
Toluene	UG/L	22.4	25.0	90	69-120
Chlorobenzene	UG/L	23.3	25.0	93	73-120

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Client Sample ID: S Blank Matrix Spike Blank
Lab Sample ID: A5B1283502 A5B1283501

Analyte	Units of Measure	Blank Spike	Concentration Spike Amount	% Recovery Blank Spike	QC LIMITS
ESC - 8270 - TCL SEMI-VOLATILE ORGANICS					
Phenol	UG/L	30.1	100	30	16-120
2-Chlorophenol	UG/L	81.5	100	82	42-120
1,4-Dichlorobenzene	UG/L	74.8	100	75	28-120
N-Nitroso-Di-n-propylamine	UG/L	89.8	100	90	53-120
1,2,4-Trichlorobenzene	UG/L	76.9	100	77	36-120
4-Chloro-3-methylphenol	UG/L	90.5	100	90	54-131
Acenaphthene	UG/L	88.9	100	89	55-120
4-Nitrophenol	UG/L	32.9	100	33	11-120
2,4-Dinitrotoluene	UG/L	90.4	100	90	53-125
Pentachlorophenol	UG/L	91.1	100	91	33-143
Pyrene	UG/L	95.3	100	95	50-151

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Client Sample ID: Method Blank

Lab Sample ID: A5B1283303

Matrix Spike Blank

Matrix Spike Blk Dup

A5B1283301

A5B1283302

Analyte	Units of Measure	Concentration			Spike Amount		% Recovery		% RPD	QC LIMITS	
		spike Blank	spike Blank Dup	SBD	SB	SBD	SB	SBD		RPD	REC.
ESC - METHOD 8082 - POLYCHLORINATED BIPH											
Aroclor 1260	UG/L	4.30	4.67	5.00	5.00	93	86	90	8	30.0	50-122
Aroclor 1016	UG/L	4.35	4.22	5.00	5.00	84	87	86	4	30.0	29-123

* Indicates Result is outside Qc Limits
NC = Not Calculated ND = Not Detected

METHOD 8260 - TCL VOLATILE ORGANICS

Client Sample ID Job No & Lab Sample ID	MW-27B A05--9033	A5903302	MW-28B A05--9033	A5903303	MW-29B A05--9033	A5903301	MW-30B A05--9033	A5903305	MW-31B A05--9033	A5903304
Sample Date	08/18/2005	18:00	08/18/2005	18:30	08/18/2005	17:30	08/18/2005	19:50	08/18/2005	19:35
Received Date	08/22/2005	09:45	08/22/2005	09:45	08/22/2005	09:45	08/22/2005	09:45	08/22/2005	09:45
Extraction Date	08/25/2005	05:07	08/25/2005	05:28	08/25/2005	04:47	08/25/2005	06:09	08/25/2005	05:49
Analytical HT Met?	-		-		-		-		-	
Extraction HT Met?	YES		YES		YES		YES		YES	
Sample Matrix	WATER		WATER		WATER		WATER		WATER	
Dilution Factor	1.0		1.0		1.0		1.0		1.0	
Sample wt/vol	0.005	LITERS	0.005	LITERS	0.005	LITERS	0.005	LITERS	0.005	LITERS
% Dry										

METHOD 8260 - TCL VOLATILE ORGANICS

Job No & Lab Sample ID	MW-32B A05--9033	A5903306	MW-32B A05--9033	A5903306DL	MW-32B(100) A05--9033	A5903307	MW-32B(100) A05--9033	A5903307DL
Sample Date	08/18/2005	20:20	08/18/2005	20:20	08/18/2005	21:00	08/18/2005	21:00
Received Date	08/22/2005	09:45	08/22/2005	09:45	08/22/2005	09:45	08/22/2005	09:45
Extraction Date	08/25/2005	06:30	08/25/2005	22:26	08/25/2005	06:51	08/25/2005	22:46
Analytical HT Met?	-		-		-		-	
Extraction HT Met?	YES		YES		YES		YES	
Sample Matrix	WATER		WATER		WATER		WATER	
Dilution Factor	1.0		4.0		1.0		4.0	
Sample wt/vol	0.005	LITERS	0.005	LITERS	0.005	LITERS	0.005	LITERS
% Dry								

METHOD 8260 - TCL VOLATILE ORGANICS

Client Sample ID	TB-081905				
Job No & Lab Sample ID	A05-9033 A5903308				
Sample Date	08/18/2005				
Received Date	08/22/2005 09:45				
Extraction Date	08/25/2005 00:59				
Analysis Date	-				
Extraction HT Met?	YES				
Analytical HT Met?	WATER				
Sample Matrix	1.0				
Dilution Factor	0.005 LITERS				
Sample wt/vol					
% Dry					

METHOD 8260 - TCL VOLATILE ORGANICS

Client Sample ID	MSB88 A05--9033	A5B1298501	MSB89 A05--9033	A5B1298502	msb90 A05--9033	A5B1309801	msb91 A05--9033	A5B1309803	
Job No & Lab Sample ID									
Sample Date									
Received Date									
Extraction Date									
Analysis Date		08/24/2005		22:37		08/24/2005		22:57	
Extraction HT Met?		-		-		-		-	
Analytical HT Met?		-		-		-		-	
Sample Matrix		WATER		WATER		WATER		WATER	
Dilution Factor		1.0		1.0		1.0		1.0	
Sample wt/vol		0.005		0.005		0.005		0.005	
% Dry		LITERS		LITERS		LITERS		LITERS	

METHOD 8260 - TCL VOLATILE ORGANICS

Client Sample ID	VBLK88 A05--9033	A5B1298503	VBLK89 A05--9033	A5B1298504	vblk90 A05--9033	A5B1309802	vblk91 A05--9033	A5B1309804	
Job No & Lab Sample ID									
Sample Date	08/24/2005 23:26								
Received Date	-								
Extraction Date	-								
Analysis Date	08/24/2005 23:26								
Extraction HT Met?	-								
Analytical HT Met?	-								
Sample Matrix	WATER								
Dilution Factor	1.0								
Sample wt/vol	0.005 LITERS								
% Dry									
	08/24/2005 23:47								
	-								
	WATER								
	1.0								
	0.005 LITERS								
	08/25/2005 20:32								
	-								
	WATER								
	1.0								
	0.005 LITERS								
	08/25/2005 20:52								
	-								
	WATER								
	1.0								
	0.005 LITERS								

ESC - 8270 - TCL SEMI-VOLATILE ORGANICS - W

Client Sample ID Job No & Lab Sample ID	MW-27B A05--9033	A5903302	MW-28B A05--9033	A5903303	MW-29B A05--9033	A5903301	MW-30B A05--9033	A5903305	MW-32B A05--9033	A5903306
Sample Date	08/18/2005	18:00	08/18/2005	18:30	08/18/2005	17:30	08/18/2005	19:50	08/18/2005	20:20
Received Date	08/22/2005	09:45	08/22/2005	09:45	08/22/2005	09:45	08/22/2005	09:45	08/22/2005	09:45
Extraction Date	08/24/2005	07:00	08/24/2005	07:00	08/24/2005	07:00	08/24/2005	07:00	08/24/2005	07:00
Analysis Date	08/31/2005	19:11	08/31/2005	19:37	08/31/2005	18:45	08/31/2005	20:04	08/31/2005	20:30
Extraction HT Met?	YES		YES		YES		YES		YES	
Analytical HT Met?	YES		YES		YES		YES		YES	
Sample Matrix	WATER		WATER		WATER		WATER		WATER	
Dilution Factor	1.0		1.0		1.0		1.0		1.0	
Sample wt/vol % Dry	0.89	LITERS	0.82	LITERS	0.9	LITERS	0.94	LITERS	0.89	LITERS

ESC - 8270 - TCL SEMI-VOLATILE ORGANICS - W

Client Sample ID		Job No & Lab Sample ID					
MW-32B(100)		A05-9033 A5903307					
Sample Date		08/18/2005		21:00			
Received Date		08/22/2005		09:45			
Extraction Date		08/24/2005		07:00			
Analysis Date		08/31/2005		20:56			
Extraction HT Met?		YES					
Analytical HT Met?		YES					
Sample Matrix		WATER					
Dilution Factor		1.0					
Sample wt/vol		0.85		LITERS			
% Dry							

ESC - 8270 - TCL SEMI-VOLATILE ORGANICS - W

Client Sample ID		Matrix Spike Blank			
Job No & Lab Sample ID		A05-9033 A5B1283501			
Sample Date					
Received Date		08/24/2005 07:00			
Extraction Date		08/31/2005 16:34			
Analysis Date		-			
Extraction HT Met?		-			
Analytical HT Met?		-			
Sample Matrix		WATER			
Dilution Factor		1.0			
Sample wt/vol		1.0 LITERS			
% Dry					

ESC - 8270 - TCL SEMI-VOLATILE ORGANICS - W

Client Sample ID		S Blank				
Job No & Lab Sample ID		A05-9033	A5B1283502			
Sample Date						
Received Date						
Extraction Date						
Analysis Date						
Extraction HT Met?						
Analytical HT Met?						
Sample Matrix						
Dilution Factor						
Sample wt/vol						
% Dry						

ESC - METHOD 8082 - POLYCHLORINATED BIPHENYLS - W

Job No & Lab Sample ID	MW-27B A05--9033 A5903302	MW-28B A05--9033 A5903303	MW-29B A05--9033 A5903301	MW-30B A05--9033 A5903305	MW-32B A05--9033 A5903306
Sample Date	08/18/2005 18:00	08/18/2005 18:30	08/18/2005 17:30	08/18/2005 19:50	08/18/2005 20:20
Received Date	08/22/2005 09:45	08/22/2005 09:45	08/22/2005 09:45	08/22/2005 09:45	08/22/2005 09:45
Extraction Date	08/24/2005 07:00	08/24/2005 07:00	08/24/2005 07:00	08/24/2005 07:00	08/24/2005 07:00
Analysis Date	08/25/2005 16:00	08/25/2005 16:18	08/25/2005 15:42	08/25/2005 16:36	08/25/2005 16:54
Extraction HT Met?	YES	YES	YES	YES	YES
Analytical HT Met?	YES	YES	YES	YES	YES
Sample Matrix	WATER	WATER	WATER	WATER	WATER
Dilution Factor	1.0	1.0	1.0	1.0	1.0
Sample wt/vol % Dry	0.82 LITERS	0.77 LITERS	0.88 LITERS	0.94 LITERS	0.97 LITERS

ESC - METHOD 8082 - POLYCHLORINATED BIPHENYLS - W

Client Sample ID		MW-32B(100)					
Job No & Lab Sample ID		A05-9033 A5903307					
Sample Date		08/18/2005 21:00					
Received Date		08/22/2005 09:45					
Extraction Date		08/24/2005 07:00					
Analysis Date		08/25/2005 17:12					
Extraction HT Met?		YES					
Analytical HT Met?		YES					
Sample Matrix		WATER					
Dilution Factor		1.0					
Sample wt/vol		0.81 LITERS					
% Dry							

ESC - METHOD 8082 - POLYCHLORINATED BIPHENYLS - W

Client Sample ID		Matrix Spike Blank	Matrix Spike Blk Dup		
Job No & Lab Sample ID		A05-9033 A5B1283301	A05-9033 A5B1283302		
Sample Date					
Received Date		08/24/2005 07:00	08/24/2005 07:00		
Extraction Date		08/25/2005 14:48	08/25/2005 15:06		
Analysis Date		-	-		
Extraction HT Met?		-	-		
Analytical HT Met?		-	-		
Sample Matrix		WATER	WATER		
Dilution Factor		1.0	1.0		
Sample wt/vol		1.0 LITERS	1.0 LITERS		
% Dry					

ESC - METHOD 8082 - POLYCHLORINATED BIPHENYLS - W

Client Sample ID		Method Blank			
Job No & Lab Sample ID		A05-9033 A5B1283303			
Sample Date					
Received Date					
Extraction Date					
Analysis Date					
Extraction HT Met?					
Analytical HT Met?					
Sample Matrix					
Dilution Factor					
Sample wt/vol					
% Dry					

Page 1 of 1[illegible]

STL Buffalo

10 Hazelwood Drive, Suite 106
Amherst, NY 14228

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ANALYTICAL REPORT

Job#: A05-8066

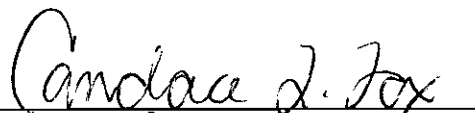
STL Project#: NY4A9171

Site Name: Environmental Strategies Corporation

Task: Ithaca Site - 127491

Mr. John Johnson
Environmental Strategies Corp.
11911 Freedom Dr. Suite 900
Reston, VA 20190

STL Buffalo



Candace L. Fox
Project Manager

08/18/2005

STL Buffalo Current Certifications

STATE	Program	Cert # / Lab ID
Arkansas	SDWA, CWA, RCRA, SOIL	03-054-D/88-0686
California	NELAP SDWA, CWA, RCRA	01169CA
Connecticut	SDWA, CWA, RCRA, SOIL	PH-0568
Florida	NELAP RCRA	E87672
Georgia	SDWA	956
Illinois	NELAP SDWA, CWA, RCRA	200003
Iowa	SW/CS	374
Kansas	NELAP SDWA, CWA, RCRA	E-10187
Kentucky	SDWA	90029
Kentucky UST	UST	30
Louisiana	NELAP CWA, RCRA	2031
Maine	SDWA, CWA	NY044
Maryland	SDWA	294
Massachusetts	SDWA, CWA	M-NY044
Michigan	SDWA	9937
Minnesota	CWA, RCRA	036-999-337
New Hampshire	NELAP SDWA, CWA	233701
New Jersey	SDWA, CWA, RCRA, CLP	NY455
New York	NELAP, AIR, SDWA, CWA, RCRA	10026
North Carolina	CWA	411
North Dakota	SDWA, CWA, RCRA	R-176
Oklahoma	CWA, RCRA	9421
Pennsylvania	Env. Lab Reg.	68-281
South Carolina	RCRA	91013
USDA	FOREIGN SOIL PERMIT	S-41579
Virginia	SDWA	278
Washington	CWA	C254
West Virginia	CWA	252
Wisconsin	CWA	998310390

SAMPLE SUMMARY

<u>LAB SAMPLE ID</u>	<u>CLIENT SAMPLE ID</u>	<u>MATRIX</u>	<u>SAMPLED</u>		<u>RECEIVED</u>	
			<u>DATE</u>	<u>TIME</u>	<u>DATE</u>	<u>TIME</u>
A5806607	EB072805	WATER	07/28/2005	13:10	07/29/2005	08:45
A5806605	HA-RD-1-0-0.5	SOIL	07/28/2005	11:45	07/29/2005	08:45
A5806604	HA-RD-2-0-0.5	SOIL	07/28/2005	10:40	07/29/2005	08:45
A5806603	HA-RD-3-0-0-0.5	SOIL	07/28/2005	09:40	07/29/2005	08:45
A5806601	HA-RD-4-0-1	SOIL	07/28/2005	08:20	07/29/2005	08:45
A5806602	HA-RD-40-0-1	SOIL	07/28/2005	08:40	07/29/2005	08:45
A5806606	HA-RD-5-0-0.5	SOIL	07/28/2005	12:40	07/29/2005	08:45
A5806608	TRIP BLANK	WATER	07/28/2005		07/29/2005	08:45

METHODS SUMMARY

Job#: A05-8066STL Project#: NY4A9171Site Name: Environmental Strategies Corporation

PARAMETER	ANALYTICAL METHOD
ENV - METHOD 8260 - TCL VOLATILE ORGANICS - S	SW8463 8260
METHOD 8260 - TCL VOLATILE ORGANICS	SW8463 8260
ESC - 8270 - TCL SEMI-VOLATILE ORGANICS - W	SW8463 8270
METHOD 8270 - TCL SEMI-VOLATILE ORGANICS	SW8463 8270
ESC - METHOD 8082 - POLYCHLORINATED BIPHENYLS - S	SW8463 8082
ESC - METHOD 8082 - POLYCHLORINATED BIPHENYLS - W	SW8463 8082
Aluminum - Total	SW8463 6010
Antimony - Total	SW8463 6010
Arsenic - Total	SW8463 6010
Barium - Total	SW8463 6010
Beryllium - Total	SW8463 6010
Cadmium - Total	SW8463 6010
Calcium - Total	SW8463 6010
Chromium - Total	SW8463 6010
Cobalt - Total	SW8463 6010
Copper - Total	SW8463 6010
Iron - Total	SW8463 6010
Lead - Total	SW8463 6010
Magnesium - Total	SW8463 6010
Manganese - Total	SW8463 6010
Mercury - Total	SW8463 7470
Mercury - Total	SW8463 7471
Nickel - Total	SW8463 6010
Potassium - Total	SW8463 6010
Selenium - Total	SW8463 6010
Silver - Total	SW8463 6010
Sodium - Total	SW8463 6010
Thallium - Total	SW8463 6010
Vanadium - Total	SW8463 6010
Zinc - Total	SW8463 6010

SW8463 "Test Methods for Evaluating Solid Waste Physical/Chemical Methods (SW846), Third Edition, 9/86; Update I, 7/92; Update IIA, 8/93; Update II, 9/94; Update IIB, 1/95; Update III, 12/96.

NON-CONFORMANCE SUMMARY

Job#: A05-8066STL Project#: NY4A9171Site Name: Environmental Strategies CorporationGeneral Comments

The enclosed data have been reported utilizing data qualifiers (Q) as defined on the Data Comment Page.

Soil, sediment and sludge sample results are reported on "dry weight" basis unless otherwise noted in this data package.

According to 40CFR Part 136.3, pH, Chlorine Residual, Dissolved Oxygen, Sulfite, and Temperature analyses are to be performed immediately after aqueous sample collection. When these parameters are not indicated as field (e.g. pH-Field), they were not analyzed immediately, but as soon as possible after laboratory receipt.

Sample dilutions were performed as indicated on the attached Dilution Log. The rationale for dilution is specified by the 3-digit code and definition.

Sample Receipt Comments

A05-8066

Sample Cooler(s) were received at the following temperature(s); 2.0 °C
All samples were received in good condition.

GC/MS Volatile Data

No deviations from protocol were encountered during the analytical procedures.

GC/MS Semivolatile Data

The analyte Naphthalene was detected in the Method Blank A5B1166402 at a level below the project established reporting limit. No corrective action is necessary for any values in Method Blanks that are below the requested reporting limits.

The surrogate recovery for 2,4,6-Tribromophenol was below the laboratory quality control limits for sample HA-RD-2-0-0.5 DL. Based on US EPA CLP National Functional Guidelines for Data Review, one surrogate in either fraction (base/neutral or acid fraction) may have a recovery outside of the control limit. All analytes associated with that surrogate should be considered biased low.

GC Extractable Data

For method 8082, many samples required dilution prior to analysis due to the heavy matrix present or high concentration of target analytes. The surrogates are diluted out of all sample extracts with a dilution factor of 10X or greater.

For method 8082, the recoveries and the relative percent difference for sample HA-RD-40-0-1 Matrix Spike and the Matrix Spike duplicate are outside quality control limits for several compounds, though the Matrix Spike Blank recoveries are compliant, no action necessary.

Metals Data

The recovery of sample HA-RD-3-0-0-0.5 Matrix Spike exhibited results above the quality control limits for Calcium, and below quality control limits for Aluminum, Barium, Iron, and Manganese. The recovery of sample HA-RD-3-0-0-0.5 Matrix Spike Duplicate exhibited results above the quality control limits for Aluminum, Iron, Manganese, and Zinc, and below quality control limits for Calcium. The sample results are more than four times greater than the spikes added. The RPD between sample HA-RD-3-0-0-0.5 Matrix Spike and Matrix Spike Duplicate exceeded quality control limits for Aluminum, Barium, Calcium, Iron, Manganese, and Zinc. The LCS (A5B1153501) is acceptable.

The recovery of sample HA-RD-3-0-0-0.5 Matrix Spike and Matrix Spike Duplicate exhibited results below the quality control limits for Antimony. Sample matrix is suspect. However, the LCS (A5B1153501) was acceptable.

The relative percent difference between sample HA-RD-3-0-0-0.5 Matrix Spike and Matrix Spike Duplicate exceeded quality control criteria for Lead, though all individual recoveries are compliant. No action required.

The LCS (Lot D043540) recovery for Antimony and Iron fell outside of the quality control limits, however, the LCS (A5B1153501) value was within the manufacturer's recommended acceptance limits. No corrective action was taken.

The LCS (Lot D045540) recovery for Mercury fell outside of the quality control limits, however, the LCS (A5B1176801) value was within the manufacturer's recommended acceptance limits of 68-132 percent. No corrective action was taken.

The results presented in this report relate only to the analytical testing and condition of the sample at receipt. This report pertains to only those samples actually tested. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

<u>Client Sample ID</u>	<u>Lab Sample ID</u>	<u>Parameter (Inorganic)/Method (Organic)</u>	<u>Dilution</u>	<u>Code</u>
HA-RD-4-0-1	A5806601	8270	5.00	012
HA-RD-2-0-0.5 DL	A5806604DL	8270	10.00	008
HA-RD-5-0-0.5	A5806606	8082	10.00	002
HA-RD-5-0-0.5	A5806606	Zinc - Total	5.00	008

Dilution Code Definition:

- 002 - sample matrix effects
- 003 - excessive foaming
- 004 - high levels of non-target compounds
- 005 - sample matrix resulted in method non-compliance for an Internal Standard
- 006 - sample matrix resulted in method non-compliance for Surrogate
- 007 - nature of the TCLP matrix
- 008 - high concentration of target analyte(s)
- 009 - sample turbidity
- 010 - sample color
- 011 - insufficient volume for lower dilution
- 012 - sample viscosity
- 013 - other

DATA COMMENT PAGE

ORGANIC DATA QUALIFIERS

- ND or U Indicates compound was analyzed for, but not detected at or above the reporting limit.
- J Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, or when the data indicates the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit but greater than zero.
- C This flag applies to pesticide results where the identification has been confirmed by GC/MS.
- B This flag is used when the analyte is found in the associated blank, as well as in the sample.
- E This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.
- D This flag identifies all compounds identified in an analysis at the secondary dilution factor.
- N Indicates presumptive evidence of a compound. This flag is used only for tentatively identified compounds, where the identification is based on the Mass Spectral library search. It is applied to all TIC results.
- P This flag is used for a pesticide/Aroclor target analyte when there is greater than 25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on the data page and flagged with a "P".
- A This flag indicates that a TIC is a suspected aldol-condensation product.
- ¹ Indicates coelution.
- * Indicates analysis is not within the quality control limits.

INORGANIC DATA QUALIFIERS

- ND or U Indicates element was analyzed for, but not detected at or above the reporting limit.
- J or B Indicates a value greater than or equal to the instrument detection limit, but less than the quantitation limit.
- N Indicates spike sample recovery is not within the quality control limits.
- K Indicates the post digestion spike recovery is not within the quality control limits.
- S Indicates value determined by the Method of Standard Addition.
- M Indicates duplicate injection results exceeded quality control limits.
- W Post digestion spike for Furnace AA analysis is out of quality control limits (85-115%) while sample absorbance is less than 50% of spike absorbance.
- E Indicates a value estimated or not reported due to the presence of interferences.
- H Indicates analytical holding time exceedance. The value obtained should be considered an estimate.
- * Indicates analysis is not within the quality control limits.
- + Indicates the correlation coefficient for the Method of Standard Addition is less than 0.995.

Client ID	Lab ID	EB072805 A05-8066 07/28/2005	A5806607	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Acetone	UG/L	5.4	5.0	NA	NA	NA	NA	NA	NA
Benzene	UG/L	ND	1.0	NA	NA	NA	NA	NA	NA
Bromodichloromethane	UG/L	ND	1.0	NA	NA	NA	NA	NA	NA
Bromoform	UG/L	ND	1.0	NA	NA	NA	NA	NA	NA
Bromomethane	UG/L	ND	1.0	NA	NA	NA	NA	NA	NA
2-Butanone	UG/L	ND	5.0	NA	NA	NA	NA	NA	NA
Carbon Disulfide	UG/L	ND	1.0	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride	UG/L	ND	1.0	NA	NA	NA	NA	NA	NA
Chlorobenzene	UG/L	ND	1.0	NA	NA	NA	NA	NA	NA
Chloroethane	UG/L	ND	1.0	NA	NA	NA	NA	NA	NA
Chloroform	UG/L	ND	1.0	NA	NA	NA	NA	NA	NA
Chloromethane	UG/L	ND	1.0	NA	NA	NA	NA	NA	NA
Cyclohexane	UG/L	ND	1.0	NA	NA	NA	NA	NA	NA
1,2-Dibromoethane	UG/L	ND	1.0	NA	NA	NA	NA	NA	NA
Dibromochloromethane	UG/L	ND	1.0	NA	NA	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	UG/L	ND	1.0	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	UG/L	ND	1.0	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	UG/L	ND	1.0	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	UG/L	ND	1.0	NA	NA	NA	NA	NA	NA
Dichlorodifluoromethane	UG/L	ND	1.0	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	UG/L	ND	1.0	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	UG/L	ND	1.0	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	UG/L	ND	1.0	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	UG/L	ND	1.0	NA	NA	NA	NA	NA	NA
trans-1,2-Dichloroethene	UG/L	ND	1.0	NA	NA	NA	NA	NA	NA
1,2-Dichloropropane	UG/L	ND	1.0	NA	NA	NA	NA	NA	NA
cis-1,3-Dichloropropene	UG/L	ND	1.0	NA	NA	NA	NA	NA	NA
trans-1,3-Dichloropropene	UG/L	ND	1.0	NA	NA	NA	NA	NA	NA
Ethylbenzene	UG/L	ND	1.0	NA	NA	NA	NA	NA	NA
2-Hexanone	UG/L	ND	5.0	NA	NA	NA	NA	NA	NA
Isopropylbenzene	UG/L	ND	1.0	NA	NA	NA	NA	NA	NA
Methyl acetate	UG/L	ND	1.0	NA	NA	NA	NA	NA	NA
Methylcyclohexane	UG/L	ND	1.0	NA	NA	NA	NA	NA	NA
Methylene chloride	UG/L	ND	1.0	NA	NA	NA	NA	NA	NA
4-Methyl-2-pentanone	UG/L	ND	5.0	NA	NA	NA	NA	NA	NA
Methyl-t-Butyl Ether (MTBE)	UG/L	ND	1.0	NA	NA	NA	NA	NA	NA
Styrene	UG/L	ND	1.0	NA	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	UG/L	ND	1.0	NA	NA	NA	NA	NA	NA
Tetrachloroethene	UG/L	ND	1.0	NA	NA	NA	NA	NA	NA
Toluene	UG/L	ND	1.0	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	UG/L	ND	1.0	NA	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	UG/L	ND	1.0	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	UG/L	ND	1.0	NA	NA	NA	NA	NA	NA

NA = Not Applicable ND = Not Detected

Date: 08/18/2005
Time: 16:12:37

Environmental Strategies Corporation
Ithaca Site - 127491
METHOD 8260 - TCL VOLATILE ORGANICS

Rept: AN0326

Client ID Job No Sample Date	Lab ID	EB072805 A05-8066 07/28/2005	A5806607	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
1,1,2-Trichloro-1,2,2-trifluor	UG/L	ND	1.0	NA		NA		NA		NA	
Trichlorofluoromethane	UG/L	ND	1.0	NA		NA		NA		NA	
Trichloroethene	UG/L	ND	1.0	NA		NA		NA		NA	
Vinyl chloride	UG/L	ND	1.0	NA		NA		NA		NA	
Total Xylenes	UG/L	ND	3.0	NA		NA		NA		NA	
=IS/SURROGATE(S)=											
Chlorobenzene-D5	%	76	50-200	NA		NA		NA		NA	
1,4-Difluorobenzene	%	76	50-200	NA		NA		NA		NA	
1,4-Dichlorobenzene-D4	%	66	50-200	NA		NA		NA		NA	
Toluene-D8	%	99	76-122	NA		NA		NA		NA	
p-Bromofluorobenzene	%	91	73-120	NA		NA		NA		NA	
1,2-Dichloroethane-D4	%	99	72-143	NA		NA		NA		NA	

10/87

NA = Not Applicable ND = Not Detected

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Date: 08/18/2005
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Environmental Strategies Corporation
Ithaca Site - 127491
ENV - METHOD 8260 - TCL VOLATILE ORGANICS - S

Rept: AN0326

Client ID Job No Sample Date	Lab ID	HA-RD-1-0-0-0.5 A05-8066 07/28/2005	HA-RD-2-0-0-0.5 A05-8066 07/28/2005	HA-RD-3-0-0-0.5 A05-8066 07/28/2005	HA-RD-4-0-1 A05-8066 07/28/2005	Reporting Limit
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value
Acetone	UG/KG	ND	27	ND	26	ND
Benzene	UG/KG	ND	5	ND	5	ND
Bromodichloromethane	UG/KG	ND	5	ND	5	ND
Bromoform	UG/KG	ND	5	ND	5	ND
Bromomethane	UG/KG	ND	5	ND	5	ND
2-Butanone	UG/KG	ND	27	ND	26	ND
Carbon Disulfide	UG/KG	ND	5	ND	5	ND
Carbon Tetrachloride	UG/KG	ND	5	ND	5	ND
Chlorobenzene	UG/KG	ND	5	ND	5	ND
Chloroethane	UG/KG	ND	5	ND	5	ND
Chloroform	UG/KG	ND	5	ND	5	ND
Chloromethane	UG/KG	ND	5	ND	5	ND
Cyclohexane	UG/KG	ND	5	ND	5	ND
1,2-Dibromoethane	UG/KG	ND	5	ND	5	ND
Dibromochloromethane	UG/KG	ND	5	ND	5	ND
1,2-Dibromo-3-chloropropane	UG/KG	ND	5	ND	5	ND
1,2-Dichlorobenzene	UG/KG	ND	5	ND	5	ND
1,3-Dichlorobenzene	UG/KG	ND	5	ND	5	ND
1,4-Dichlorobenzene	UG/KG	ND	5	ND	5	ND
Dichlorodifluoromethane	UG/KG	ND	5	ND	5	ND
1,1-Dichloroethane	UG/KG	ND	5	ND	5	ND
1,2-Dichloroethane	UG/KG	ND	5	ND	5	ND
1,1-Dichloroethene	UG/KG	ND	5	ND	5	ND
cis-1,2-Dichloroethene	UG/KG	ND	5	ND	5	ND
trans-1,2-Dichloroethene	UG/KG	ND	5	ND	5	ND
1,2-Dichloropropane	UG/KG	ND	5	ND	5	ND
cis-1,3-Dichloropropene	UG/KG	ND	5	ND	5	ND
trans-1,3-Dichloropropene	UG/KG	ND	5	ND	5	ND
Ethylbenzene	UG/KG	ND	5	ND	5	ND
2-Hexanone	UG/KG	ND	27	ND	26	ND
Isopropylbenzene	UG/KG	ND	5	ND	5	ND
Methyl acetate	UG/KG	ND	5	ND	5	ND
Methylcyclohexane	UG/KG	ND	5	ND	5	ND
Methylene chloride	UG/KG	ND	5	ND	5	ND
4-Methyl-2-pentanone	UG/KG	ND	27	ND	26	ND
Methyl-t-Butyl Ether (MTBE)	UG/KG	ND	5	ND	5	ND
Styrene	UG/KG	ND	5	ND	5	ND
1,1,2,2-Tetrachloroethane	UG/KG	ND	5	ND	5	ND
Tetrachloroethene	UG/KG	ND	5	ND	5	ND
Toluene	UG/KG	ND	5	ND	5	ND
1,2,4-Trichlorobenzene	UG/KG	ND	5	ND	5	ND
1,1,1-Trichloroethane	UG/KG	ND	5	ND	5	ND
1,1,2-Trichloroethane	UG/KG	ND	5	ND	5	ND

11/87

NA = Not Applicable ND = Not Detected

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Date: 08/18/2005
Time: 16:12:37

Environmental Strategies Corporation
Ithaca Site - 127491
ENV - METHOD 8260 - TCL VOLATILE ORGANICS - S

Rept: AN0326

Client ID Job No Sample Date	Lab ID	HA-RD-1-O-0.5 A05-8066 07/28/2005	A5806605	HA-RD-2-O-0.5 A05-8066 07/28/2005	A5806604	HA-RD-3-O-0-0.5 A05-8066 07/28/2005	A5806603	HA-RD-4-O-1 A05-8066 07/28/2005	A5806601
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
1,1,2-Trichloro-1,2,2-trifluor	UG/KG	ND	5	ND	5	ND	6	ND	6
Trichlorofluoromethane	UG/KG	ND	5	ND	5	ND	6	ND	6
Trichloroethene	UG/KG	ND	5	ND	5	ND	6	ND	6
Vinyl chloride	UG/KG	ND	11	ND	10	ND	11	ND	12
Total Xylenes	UG/KG	ND	16	ND	16	ND	16	ND	19
IS/SURROGATE(S)									
Chlorobenzene-D5	%	85	50-200	89	50-200	88	50-200	94	50-200
1,4-Difluorobenzene	%	86	50-200	88	50-200	88	50-200	93	50-200
1,4-Dichlorobenzene-D4	%	74	50-200	80	50-200	76	50-200	83	50-200
Toluene-D8	%	107	71-125	105	71-125	108	71-125	104	71-125
p-Bromofluorobenzene	%	97	68-124	93	68-124	93	68-124	95	68-124
1,2-Dichloroethane-D4	%	103	61-136	102	61-136	101	61-136	98	61-136

12/87

Client ID Job No Sample Date		Lab ID	HA-RD-40-0-1 A05-8066 07/28/2005	A5806602	HA-RD-5-0-0.5 A05-8066 07/28/2005	A5806606	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value
Analyte	Units	Sample value	Reporting Limit	Sample value	Reporting Limit	Sample value	Reporting Limit	Sample value	Reporting Limit	Sample value	Reporting Limit	Sample value
Acetone	UG/KG	ND	27	ND	35	NA	NA	NA	NA	NA	NA	NA
Benzene	UG/KG	ND	5	ND	7	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane	UG/KG	ND	5	ND	7	NA	NA	NA	NA	NA	NA	NA
Bromoform	UG/KG	ND	5	ND	7	NA	NA	NA	NA	NA	NA	NA
Bromomethane	UG/KG	ND	5	ND	7	NA	NA	NA	NA	NA	NA	NA
2-Butanone	UG/KG	ND	27	ND	35	NA	NA	NA	NA	NA	NA	NA
Carbon Disulfide	UG/KG	ND	5	ND	7	NA	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride	UG/KG	ND	5	ND	7	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	UG/KG	ND	5	ND	7	NA	NA	NA	NA	NA	NA	NA
Chloroethane	UG/KG	ND	5	ND	7	NA	NA	NA	NA	NA	NA	NA
Chloroform	UG/KG	ND	5	ND	7	NA	NA	NA	NA	NA	NA	NA
Chloromethane	UG/KG	ND	5	ND	7	NA	NA	NA	NA	NA	NA	NA
Cyclohexane	UG/KG	ND	5	ND	7	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromoethane	UG/KG	ND	5	ND	7	NA	NA	NA	NA	NA	NA	NA
Dibromochloromethane	UG/KG	ND	5	ND	7	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	UG/KG	ND	5	ND	7	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	UG/KG	ND	5	ND	7	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	UG/KG	ND	5	ND	7	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	UG/KG	ND	5	ND	7	NA	NA	NA	NA	NA	NA	NA
Dichlorodifluoromethane	UG/KG	ND	5	ND	7	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	UG/KG	ND	5	ND	7	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	UG/KG	ND	5	ND	7	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	UG/KG	ND	5	ND	7	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	UG/KG	ND	5	ND	7	NA	NA	NA	NA	NA	NA	NA
trans-1,2-Dichloroethene	UG/KG	ND	5	ND	7	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloropropane	UG/KG	ND	5	ND	7	NA	NA	NA	NA	NA	NA	NA
cis-1,3-Dichloropropene	UG/KG	ND	5	ND	7	NA	NA	NA	NA	NA	NA	NA
trans-1,3-Dichloropropene	UG/KG	ND	5	ND	7	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	UG/KG	ND	5	ND	7	NA	NA	NA	NA	NA	NA	NA
2-Hexanone	UG/KG	ND	27	ND	35	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene	UG/KG	ND	5	ND	7	NA	NA	NA	NA	NA	NA	NA
Methyl acetate	UG/KG	ND	5	ND	7	NA	NA	NA	NA	NA	NA	NA
Methylcyclohexane	UG/KG	ND	5	ND	7	NA	NA	NA	NA	NA	NA	NA
Methylene chloride	UG/KG	ND	5	ND	7	NA	NA	NA	NA	NA	NA	NA
4-Methyl-2-pentanone	UG/KG	ND	27	ND	35	NA	NA	NA	NA	NA	NA	NA
Methyl-t-Butyl Ether (MTBE)	UG/KG	ND	5	ND	7	NA	NA	NA	NA	NA	NA	NA
Styrene	UG/KG	ND	5	ND	7	NA	NA	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	UG/KG	ND	5	ND	7	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	UG/KG	ND	5	ND	7	NA	NA	NA	NA	NA	NA	NA
Toluene	UG/KG	ND	5	ND	7	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	UG/KG	ND	5	ND	7	NA	NA	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	UG/KG	ND	5	ND	7	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	UG/KG	ND	5	ND	7	NA	NA	NA	NA	NA	NA	NA

Date: 08/18/2005
Time: 16:12:37

Environmental Strategies Corporation
Ithaca site - 127491
ENV - METHOD 8260 - TCL VOLATILE ORGANICS - S

Rept: AN0326

Client ID Job No Sample Date		HA-RD-40-0-1 A05-8066 07/28/2005	A5806602	HA-RD-5-0-0.5 A05-8066 07/28/2005	A5806606						
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	
1,1,2-Trichloro-1,2,2-trifluor	UG/KG	ND	5	ND	7	NA	7	NA		NA	
Trichlorofluoromethane	UG/KG	ND	5	ND	7	NA	7	NA		NA	
Trichloroethene	UG/KG	ND	5	ND	7	NA	7	NA		NA	
Vinyl chloride	UG/KG	ND	11	ND	14	NA	14	NA		NA	
Total Xylenes	UG/KG	ND	16	ND	21	NA	21	NA		NA	
IS/SURROGATE(S)											
Chlorobenzene-D5	%	90	50-200	75	50-200	NA	50-200	NA		NA	
1,4-Difluorobenzene	%	90	50-200	85	50-200	NA	50-200	NA		NA	
1,4-Dichlorobenzene-D4	%	83	50-200	54	50-200	NA	50-200	NA		NA	
Toluene-D8	%	104	71-125	115	71-125	NA	71-125	NA		NA	
p-Bromofluorobenzene	%	98	68-124	83	68-124	NA	68-124	NA		NA	
1,2-Dichloroethane-D4	%	98	61-136	93	61-136	NA	61-136	NA		NA	

14/87

NA = Not Applicable ND = Not Detected

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Date: 08/18/2005
Time: 16:13:01

Environmental Strategies Corporation
Ithaca Site - 127491
ESC - 8270 - TCL SEMI-VOLATILE ORGANICS - W

Rept: AN0326

15/87

Client ID Job No Sample Date		Lab ID	EB072805 A05-8066 07/28/2005		A5806607					
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	
Acenaphthene	UG/L	ND	10	NA		NA		NA		
Acenaphthylene	UG/L	ND	10	NA		NA		NA		
Acetophenone	UG/L	ND	10	NA		NA		NA		
Anthracene	UG/L	ND	10	NA		NA		NA		
Atrazine	UG/L	ND	10	NA		NA		NA		
Benzaldehyde	UG/L	ND	48	NA		NA		NA		
Benzo(a)anthracene	UG/L	ND	10	NA		NA		NA		
Benzo(b)fluoranthene	UG/L	ND	10	NA		NA		NA		
Benzo(k)fluoranthene	UG/L	ND	10	NA		NA		NA		
Benzo(ghi)perylene	UG/L	ND	10	NA		NA		NA		
Benzo(a)pyrene	UG/L	ND	10	NA		NA		NA		
Benzoic acid	UG/L	ND	140	NA		NA		NA		
Benzyl alcohol	UG/L	ND	19	NA		NA		NA		
Biphenyl	UG/L	ND	10	NA		NA		NA		
Bis(2-chloroethoxy) methane	UG/L	ND	10	NA		NA		NA		
Bis(2-chloroethyl) ether	UG/L	ND	10	NA		NA		NA		
2,2'-Oxybis(1-Chloropropane)	UG/L	ND	10	NA		NA		NA		
Bis(2-ethylhexyl) phthalate	UG/L	ND	10	NA		NA		NA		
4-Bromophenyl phenyl ether	UG/L	ND	10	NA		NA		NA		
Butyl benzyl phthalate	UG/L	ND	10	NA		NA		NA		
4-Chloroaniline	UG/L	ND	10	NA		NA		NA		
4-Chloro-3-methylphenol	UG/L	ND	10	NA		NA		NA		
2-Chloronaphthalene	UG/L	ND	10	NA		NA		NA		
2-Chlorophenol	UG/L	ND	10	NA		NA		NA		
4-Chlorophenyl phenyl ether	UG/L	ND	10	NA		NA		NA		
Caprolactam	UG/L	ND	10	NA		NA		NA		
Chrysene	UG/L	ND	10	NA		NA		NA		
Dibenzo(a,h)anthracene	UG/L	ND	10	NA		NA		NA		
Dibenzofuran	UG/L	ND	10	NA		NA		NA		
Di-n-butyl phthalate	UG/L	ND	10	NA		NA		NA		
1,2-Dichlorobenzene	UG/L	ND	10	NA		NA		NA		
1,3-Dichlorobenzene	UG/L	ND	10	NA		NA		NA		
1,4-Dichlorobenzene	UG/L	ND	10	NA		NA		NA		
3,3'-Dichlorobenzidine	UG/L	ND	19	NA		NA		NA		
2,4-Dichlorophenol	UG/L	ND	10	NA		NA		NA		
Diethyl phthalate	UG/L	ND	10	NA		NA		NA		
2,4-Dimethylphenol	UG/L	ND	10	NA		NA		NA		
Dimethyl phthalate	UG/L	ND	10	NA		NA		NA		
4,6-Dinitro-2-methylphenol	UG/L	ND	48	NA		NA		NA		
2,4-Dinitrophenol	UG/L	ND	48	NA		NA		NA		
2,4-Dinitrotoluene	UG/L	ND	10	NA		NA		NA		
2,6-Dinitrotoluene	UG/L	ND	10	NA		NA		NA		
Di-n-octyl phthalate	UG/L	ND	10	NA		NA		NA		

NA = Not Applicable ND = Not Detected

STL Buffalo

Date: 08/18/2005
Time: 16:13:01

Environmental Strategies Corporation
Ithaca Site - 127491
ESC - 8270 - TCL SEMI-VOLATILE ORGANICS - W

Rept: AN0326

Client ID Job No Sample Date	Lab ID	EB072805 A05-8066 07/28/2005	A5806607	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Fluoranthene	UG/L	ND	10	NA	NA	NA	NA	NA	NA
Fluorene	UG/L	ND	10	NA	NA	NA	NA	NA	NA
Hexachlorobenzene	UG/L	ND	10	NA	NA	NA	NA	NA	NA
Hexachlorobutadiene	UG/L	ND	10	NA	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	UG/L	ND	43	NA	NA	NA	NA	NA	NA
Hexachloroethane	UG/L	ND	10	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	UG/L	ND	10	NA	NA	NA	NA	NA	NA
Isophorone	UG/L	ND	10	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	UG/L	ND	10	NA	NA	NA	NA	NA	NA
2-Methylphenol	UG/L	ND	10	NA	NA	NA	NA	NA	NA
4-Methylphenol	UG/L	ND	10	NA	NA	NA	NA	NA	NA
Naphthalene	UG/L	ND	10	NA	NA	NA	NA	NA	NA
2-Nitroaniline	UG/L	ND	48	NA	NA	NA	NA	NA	NA
3-Nitroaniline	UG/L	ND	48	NA	NA	NA	NA	NA	NA
4-Nitroaniline	UG/L	ND	48	NA	NA	NA	NA	NA	NA
Nitrobenzene	UG/L	ND	10	NA	NA	NA	NA	NA	NA
2-Nitrophenol	UG/L	ND	10	NA	NA	NA	NA	NA	NA
4-Nitrophenol	UG/L	ND	48	NA	NA	NA	NA	NA	NA
N-nitrosodiphenylamine	UG/L	ND	10	NA	NA	NA	NA	NA	NA
N-Nitroso-Di-n-propylamine	UG/L	ND	10	NA	NA	NA	NA	NA	NA
Pentachlorophenol	UG/L	ND	48	NA	NA	NA	NA	NA	NA
Phenanthrene	UG/L	ND	10	NA	NA	NA	NA	NA	NA
Phenol	UG/L	ND	10	NA	NA	NA	NA	NA	NA
Pyrene	UG/L	ND	10	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	UG/L	ND	10	NA	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	UG/L	ND	10	NA	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol	UG/L	ND	10	NA	NA	NA	NA	NA	NA
IS/SURROGATE(S)									
1,4-Dichlorobenzene-D4	%	88	50-200	NA	NA	NA	NA	NA	NA
Naphthalene-D8	%	89	50-200	NA	NA	NA	NA	NA	NA
Acenaphthene-D10	%	90	50-200	NA	NA	NA	NA	NA	NA
Phenanthrene-D10	%	93	50-200	NA	NA	NA	NA	NA	NA
Chrysene-D12	%	102	50-200	NA	NA	NA	NA	NA	NA
Perylene-D12	%	95	50-200	NA	NA	NA	NA	NA	NA
Nitrobenzene-D5	%	75	52-120	NA	NA	NA	NA	NA	NA
2-Fluorobiphenyl	%	76	21-120	NA	NA	NA	NA	NA	NA
p-Terphenyl-d14	%	76	36-138	NA	NA	NA	NA	NA	NA
Phenol-D5	%	27	13-120	NA	NA	NA	NA	NA	NA
2-Fluorophenol	%	40	21-120	NA	NA	NA	NA	NA	NA
2,4,6-Tribromophenol	%	81	62-133	NA	NA	NA	NA	NA	NA

16/87

NA = Not Applicable ND = Not Detected

STL Buffalo

Date: 08/18/2005
Time: 16:13:01

Environmental Strategies Corporation
Ithaca site - 127491
METHOD 8270 - TCL SEMI-VOLATILE ORGANICS

Rept: AN0326

Client ID Job No Sample Date	Lab ID	HA-RD-1-0-0-0.5 A05-8066 07/28/2005	A5806605	HA-RD-2-0-0-0.5 A05-8066 07/28/2005	A5806604	HA-RD-2-0-0-0.5 DL A05-8066 07/28/2005	A5806604DL	HA-RD-3-0-0-0.5 A05-8066 07/28/2005	A5806603
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Acenaphthene	UG/KG	ND	350	160 J	350	ND	3500	250 J	380
Acenaphthylene	UG/KG	ND	350	55 J	350	ND	3500	140 J	380
Acetophenone	UG/KG	ND	350	ND	350	ND	3500	ND	380
Anthracene	UG/KG	47 J	350	920	350	700 DJ	3500	630	380
Atrazine	UG/KG	ND	350	ND	350	ND	3500	ND	380
Benzaldehyde	UG/KG	ND	350	ND	350	ND	3500	ND	380
Benzo(a)anthracene	UG/KG	290 J	350	5200	350	4200 D	3500	2200	380
Benzo(b)fluoranthene	UG/KG	460	350	9400 E	350	6400 D	3500	2800	380
Benzo(k)fluoranthene	UG/KG	160 J	350	1700	350	2300 DJ	3500	910	380
Benzo(ghi)perylene	UG/KG	160 J	350	2600	350	2200 DJ	3500	980	380
Benzo(a)pyrene	UG/KG	310 J	350	5600	350	4400 D	3500	2100	380
Benzoic acid	UG/KG	ND	5100	ND	5100	ND	51000	ND	5500
Benzyl alcohol	UG/KG	ND	350	ND	350	ND	3500	ND	380
Biphenyl	UG/KG	ND	350	ND	350	ND	3500	ND	380
Bis(2-chloroethoxy) methane	UG/KG	ND	350	ND	350	ND	3500	ND	380
Bis(2-chloroethyl) ether	UG/KG	ND	350	ND	350	ND	3500	ND	380
2,2'-oxybis(1-chloropropane)	UG/KG	ND	350	ND	350	ND	3500	ND	380
Bis(2-ethylhexyl) phthalate	UG/KG	100 J	350	200 J	350	ND	3500	ND	380
4-Bromophenyl phenyl ether	UG/KG	ND	350	ND	350	ND	3500	580	380
Butyl benzyl phthalate	UG/KG	34 J	350	27 J	350	ND	3500	ND	380
Caprolactam	UG/KG	ND	350	ND	350	ND	3500	70 J	380
4-Chloroaniline	UG/KG	ND	350	ND	350	ND	3500	ND	380
4-Chloro-3-methylphenol	UG/KG	ND	350	ND	350	ND	3500	ND	380
2-Chloronaphthalene	UG/KG	ND	350	ND	350	ND	3500	ND	380
4-Chlorophenyl phenyl ether	UG/KG	ND	350	ND	350	ND	3500	ND	380
Carbazole	UG/KG	39 J	350	510	350	360 DJ	3500	240 J	380
Chrysene	UG/KG	360	350	6000 E	350	4400 D	3500	2300	380
Dibenzo(a,h)anthracene	UG/KG	39 J	350	690	350	610 DJ	3500	290 J	380
Dibenzofuran	UG/KG	ND	350	75 J	350	ND	3500	120 J	380
Di-n-butyl phthalate	UG/KG	21 J	350	ND	350	ND	3500	21 J	380
3,3'-Dichlorobenzidine	UG/KG	ND	350	ND	350	ND	3500	ND	380
2,4-Dichlorophenol	UG/KG	ND	350	ND	350	ND	3500	ND	380
Diethyl phthalate	UG/KG	ND	350	ND	350	ND	3500	ND	380
2,4-Dimethylphenol	UG/KG	ND	350	ND	350	ND	3500	ND	380
Dimethyl phthalate	UG/KG	ND	350	ND	350	ND	3500	ND	380
4,6-Dinitro-2-methylphenol	UG/KG	ND	1700	ND	1700	ND	17000	ND	1800
2,4-Dinitrophenol	UG/KG	ND	1700	ND	1700	ND	17000	ND	1800
2,4-Dinitrotoluene	UG/KG	ND	350	ND	350	ND	3500	ND	380
2,6-Dinitrotoluene	UG/KG	ND	350	ND	350	ND	3500	ND	380
Di-n-octyl phthalate	UG/KG	39 J	350	ND	350	ND	3500	ND	380
Fluoranthene	UG/KG	730	350	15000 E	350	11000 D	3500	5700	380
Fluorene	UG/KG	18 J	350	210 J	350	ND	3500	290 J	380

17/87

NA = Not Applicable ND = Not Detected

STL Buffalo

Date: 08/18/2005
Time: 16:13:01

Environmental Strategies Corporation
Ithaca Site - 127491
METHOD 8270 - TCL SEMI-VOLATILE ORGANICS

Rept: AN0326

Client ID Job No Sample Date	Lab ID	HA-RD-1-0-0.5 A05-8066 07/28/2005	A5806605	HA-RD-2-0-0.5 A05-8066 07/28/2005	A5806604	HA-RD-2-0-0.5 DL A05-8066 07/28/2005	A5806604DL	HA-RD-3-0-0-0.5 A05-8066 07/28/2005	A5806603
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Hexachlorobenzene	UG/KG	ND	350	ND	350	ND	3500	ND	380
Hexachlorobutadiene	UG/KG	ND	350	ND	350	ND	3500	ND	380
Hexachlorocyclopentadiene	UG/KG	ND	350	ND	350	ND	3500	ND	380
Hexachloroethane	UG/KG	ND	350	ND	350	ND	3500	ND	380
Indeno(1,2,3-cd)pyrene	UG/KG	140 J	350	2400	350	2000 DJ	3500	900	380
Isophorone	UG/KG	ND	350	ND	350	ND	3500	ND	380
2-Methylnaphthalene	UG/KG	ND	350	18 J	350	ND	3500	51 J	380
2-Methylphenol	UG/KG	ND	350	ND	350	ND	3500	ND	380
4-Methylphenol	UG/KG	ND	350	ND	350	ND	3500	ND	380
Naphthalene	UG/KG	ND	350	33 BJ	350	ND	3500	88 BJ	380
2-Nitroaniline	UG/KG	ND	1700	ND	1700	ND	17000	ND	1800
3-Nitroaniline	UG/KG	ND	1700	ND	1700	ND	17000	ND	1800
4-Nitroaniline	UG/KG	ND	350	ND	350	ND	3500	ND	380
Nitrobenzene	UG/KG	ND	350	ND	350	ND	3500	ND	380
2-Nitrophenol	UG/KG	ND	1700	ND	1700	ND	17000	ND	1800
4-Nitrophenol	UG/KG	ND	350	ND	350	ND	3500	ND	380
N-nitrosodiphenylamine	UG/KG	ND	350	ND	350	ND	3500	ND	380
N-Nitroso-Di-n-propylamine	UG/KG	ND	350	ND	350	ND	3500	ND	380
Pentachlorophenol	UG/KG	280 J	1700	4500	1700	3300 DJ	17000	ND	1800
Phenanthrene	UG/KG	ND	350	ND	350	ND	3500	3200	380
Phenol	UG/KG	ND	350	ND	350	ND	3500	ND	380
Pyrene	UG/KG	550	850	9700 E	350	8400 D	3500	4000	380
2,4,5-Trichlorophenol	UG/KG	ND	350	ND	350	ND	3500	ND	380
2,4,6-Trichlorophenol	UG/KG	ND	350	ND	350	ND	3500	ND	380
---IS/SURROGATE(S)---									
1,4-Dichlorobenzene-D4	%	113	50-200	95	50-200	122	50-200	103	50-200
Naphthalene-D8	%	114	50-200	96	50-200	130	50-200	105	50-200
Acenaphthene-D10	%	119	50-200	102	50-200	139	50-200	107	50-200
Phenanthrene-D10	%	125	50-200	109	50-200	152	50-200	114	50-200
Chrysene-D12	%	129	50-200	126	50-200	156	50-200	125	50-200
Perylene-D12	%	140	50-200	124	50-200	116	50-200	144	50-200
Nitrobenzene-D5	%	70	41-120	76	41-120	50	41-120	59	41-120
2-Fluorobiphenyl	%	73	50-120	81	50-120	58	50-120	68	50-120
p-Terphenyl-d14	%	77	53-137	82	53-137	70	53-137	74	53-137
Phenol-D5	%	70	41-120	76	41-120	52	41-120	60	41-120
2-Fluorophenol	%	64	33-120	66	33-120	48	33-120	51	33-120
2,4,6-Tribromophenol	%	74	53-132	85	53-132	50 *	53-132	72	53-132

18/87

NA = Not Applicable ND = Not Detected

STL Buffalo

Date: 08/18/2005
Time: 16:13:01

Environmental Strategies Corporation
Ithaca Site - 127491
METHOD 8270 - TCL SEMI-VOLATILE ORGANICS

Rept: AN0326

19/87

Client ID Job No Sample Date	Lab ID	HA-RD-4-0-1 A05-8066 07/28/2005	A5806601	HA-RD-40-0-1 A05-8066 07/28/2005	A5806602	HA-RD-5-0-0-0.5 A05-8066 07/28/2005	A5806606	Reporting Limit	Sample Value	Reporting Limit
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	
Acenaphthene	UG/KG	ND	1700	ND	350	ND	370	NA	370	
Acenaphthylene	UG/KG	ND	1700	18 J	350	35 J	370	NA	370	
Acetophenone	UG/KG	ND	1700	ND	350	ND	370	NA	370	
Anthracene	UG/KG	ND	1700	22 J	350	81 J	370	NA	370	
Atrazine	UG/KG	ND	1700	ND	350	ND	370	NA	370	
Benzaldehyde	UG/KG	ND	1700	ND	350	ND	370	NA	370	
Benzo(a)anthracene	UG/KG	170 J	1700	120 J	350	670	370	NA	370	
Benzo(b)fluoranthene	UG/KG	240 J	1700	170 J	350	1200	370	NA	370	
Benzo(k)fluoranthene	UG/KG	ND	1700	52 J	350	420	370	NA	370	
Benzo(ghi)perylene	UG/KG	110 J	1700	100 J	350	360 J	370	NA	370	
Benzo(a)pyrene	UG/KG	170 J	1700	130 J	350	710	370	NA	370	
Benzoic acid	UG/KG	ND	25000	ND	5100	ND	5300	NA	5300	
Benzyl alcohol	UG/KG	ND	1700	ND	350	ND	370	NA	370	
Biphenyl	UG/KG	ND	1700	ND	350	ND	370	NA	370	
Bis(2-chloroethoxy) methane	UG/KG	ND	1700	ND	350	ND	370	NA	370	
Bis(2-chloroethyl) ether	UG/KG	ND	1700	ND	350	ND	370	NA	370	
2,2'-Oxybis(1-chloropropane)	UG/KG	ND	1700	ND	350	ND	370	NA	370	
Bis(2-ethylhexyl) phthalate	UG/KG	ND	1700	41 J	350	210 J	370	NA	370	
4-Bromophenyl phenyl ether	UG/KG	ND	1700	ND	350	ND	370	NA	370	
Butyl benzyl phthalate	UG/KG	ND	1700	ND	350	59 J	370	NA	370	
Caprolactam	UG/KG	ND	1700	ND	350	ND	370	NA	370	
4-Chloroaniline	UG/KG	ND	1700	ND	350	ND	370	NA	370	
4-Chloro-3-methylphenol	UG/KG	ND	1700	ND	350	ND	370	NA	370	
2-Chloronaphthalene	UG/KG	ND	1700	ND	350	ND	370	NA	370	
2-Chlorophenol	UG/KG	ND	1700	ND	350	ND	370	NA	370	
4-Chlorophenyl phenyl ether	UG/KG	ND	1700	ND	350	ND	370	NA	370	
Carbazole	UG/KG	ND	1700	ND	350	72 J	370	NA	370	
Chrysene	UG/KG	180 J	1700	130 J	350	760	370	NA	370	
Dibenzo(a,h)anthracene	UG/KG	ND	1700	22 J	350	79 J	370	NA	370	
Dibenzofuran	UG/KG	ND	1700	ND	350	ND	370	NA	370	
Di-n-butyl phthalate	UG/KG	ND	1700	ND	350	34 J	370	NA	370	
3,3'-Dichlorobenzidine	UG/KG	ND	1700	ND	350	ND	370	NA	370	
2,4-Dichlorophenol	UG/KG	ND	1700	ND	350	ND	370	NA	370	
Diethyl phthalate	UG/KG	ND	1700	ND	350	ND	370	NA	370	
2,4-Dimethylphenol	UG/KG	ND	1700	ND	350	ND	370	NA	370	
Dimethyl phthalate	UG/KG	ND	1700	ND	350	ND	370	NA	370	
4,6-Dinitro-2-methylphenol	UG/KG	ND	8400	ND	1700	ND	1800	NA	1800	
2,4-Dinitrophenol	UG/KG	ND	8400	ND	1700	ND	1800	NA	1800	
2,4-Dinitrotoluene	UG/KG	ND	1700	ND	350	ND	370	NA	370	
2,6-Dinitrotoluene	UG/KG	ND	1700	ND	350	ND	370	NA	370	
Di-n-octyl phthalate	UG/KG	ND	1700	ND	350	ND	370	NA	370	
Fluoranthene	UG/KG	380 J	1700	260 J	350	1600	370	NA	370	
Fluorene	UG/KG	ND	1700	ND	350	24 J	370	NA	370	

NA = Not Applicable ND = Not Detected

STL Buffalo

Date: 08/18/2005
Time: 16:13:01

Environmental Strategies Corporation
Ithaca Site - 127491
METHOD 8270 - TCL SEMI-VOLATILE ORGANICS

Rept: AN0326

Client ID Job No Sample Date	Lab ID	HA-RD-4-O-1 A05-8066 07/28/2005	A5806601	HA-RD-4-O-1 A05-8066 07/28/2005	A5806602	HA-RD-5-O-0.5 A05-8066 07/28/2005	A5806606	Reporting Limit	Sample Value
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Hexachlorobenzene	UG/KG	ND	1700	ND	350	ND	370	NA	370
Hexachlorobutadiene	UG/KG	ND	1700	ND	350	ND	370	NA	370
Hexachlorocyclopentadiene	UG/KG	ND	1700	ND	350	ND	370	NA	370
Hexachloroethane	UG/KG	ND	1700	ND	350	ND	370	NA	370
Indeno(1,2,3-cd)pyrene	UG/KG	ND	1700	85 J	350	320 J	370	NA	370
Isophorone	UG/KG	ND	1700	ND	350	ND	370	NA	370
2-Methylnaphthalene	UG/KG	ND	1700	ND	350	ND	370	NA	370
2-Methylphenol	UG/KG	ND	1700	ND	350	ND	370	NA	370
4-Methylphenol	UG/KG	ND	1700	ND	350	ND	370	NA	370
Naphthalene	UG/KG	200 BJ	1700	ND	350	ND	370	NA	370
2-Nitroaniline	UG/KG	ND	8400	ND	1700	ND	1800	NA	1800
3-Nitroaniline	UG/KG	ND	8400	ND	1700	ND	1800	NA	1800
4-Nitroaniline	UG/KG	ND	1700	ND	350	ND	370	NA	370
Nitrobenzene	UG/KG	ND	1700	ND	350	ND	370	NA	370
2-Nitrophenol	UG/KG	ND	8400	ND	1700	ND	1800	NA	1800
4-Nitrophenol	UG/KG	ND	1700	ND	350	ND	370	NA	370
N-nitrosodiphenylamine	UG/KG	ND	1700	ND	350	ND	370	NA	370
N-Nitroso-Di-n-propylamine	UG/KG	ND	1700	ND	350	ND	370	NA	370
Pentachlorophenol	UG/KG	ND	8400	ND	1700	ND	1800	NA	1800
Phenanthrene	UG/KG	150 J	1700	86 J	350	470	370	NA	370
Phenol	UG/KG	ND	1700	ND	350	ND	370	NA	370
Pyrene	UG/KG	260 J	1700	210 J	350	1100	370	NA	370
2,4,5-Trichlorophenol	UG/KG	ND	4200	ND	850	ND	890	NA	890
2,4,6-Trichlorophenol	UG/KG	ND	1700	ND	350	ND	370	NA	370
1,4-Dichlorobenzene-D4	%	94	50-200	97	50-200	109	50-200	NA	50-200
Naphthalene-D8	%	102	50-200	98	50-200	112	50-200	NA	50-200
Acenaphthene-D10	%	104	50-200	100	50-200	117	50-200	NA	50-200
Phenanthrene-D10	%	110	50-200	103	50-200	126	50-200	NA	50-200
Chrysene-D12	%	123	50-200	102	50-200	140	50-200	NA	50-200
Perylene-D12	%	106	50-200	109	50-200	115	50-200	NA	50-200
Nitrobenzene-D5	%	68	41-120	64	41-120	63	41-120	NA	41-120
2-Fluorobiphenyl	%	80	50-120	69	50-120	67	50-120	NA	50-120
p-Terphenyl-d14	%	80	53-137	77	53-137	66	53-137	NA	53-137
Phenol-D5	%	75	41-120	66	41-120	57	41-120	NA	41-120
2-Fluorophenol	%	65	33-120	59	33-120	47	33-120	NA	33-120
2,4,6-Tribromophenol	%	85	53-132	67	53-132	65	53-132	NA	53-132

NA = Not Applicable ND = Not Detected

STL Buffalo

20/87

Date: 08/18/2005
Time: 16:13:08

Environmental Strategies Corporation
Ithaca Site - 127491
ESC - METHOD 8082 - POLYCHLORINATED BIPHENYLS - S

Rept: AN0326

Client ID Job No Sample Date	Lab ID	HA-RD-1-0-0-0.5 A05-8066 07/28/2005	A5806605	HA-RD-2-0-0-0.5 A05-8066 07/28/2005	A5806604	HA-RD-3-0-0-0.5 A05-8066 07/28/2005	A5806603	HA-RD-4-0-0-1 A05-8066 07/28/2005	A5806601
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Aroclor 1016	UG/KG	ND	18	ND	18	ND	19	ND	18
Aroclor 1221	UG/KG	ND	18	ND	18	ND	19	ND	18
Aroclor 1232	UG/KG	ND	18	ND	18	ND	19	ND	18
Aroclor 1242	UG/KG	ND	18	ND	18	ND	19	ND	18
Aroclor 1248	UG/KG	ND	18	ND	18	ND	19	ND	18
Aroclor 1254	UG/KG	ND	18	65	18	98	19	ND	18
Aroclor 1260	UG/KG	ND	18	ND	18	ND	19	ND	18
---SURROGATE(S)---									
Tetrachloro-m-xylene	%	88	32-148	90	32-148	86	32-148	88	32-148
Decachlorobiphenyl	%	76	36-153	92	36-153	89	36-153	120	36-153

Client ID Job No Sample Date	Lab ID	HA-RD-40-0-0-1 A05-8066 07/28/2005	A5806602	HA-RD-5-0-0-0.5 A05-8066 07/28/2005	A5806606	HA-RD-5-0-0-0.5 A05-8066 07/28/2005	A5806606	HA-RD-5-0-0-0.5 A05-8066 07/28/2005	A5806606
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Aroclor 1016	UG/KG	ND	18	ND	190	NA	190	NA	190
Aroclor 1221	UG/KG	ND	18	ND	190	NA	190	NA	190
Aroclor 1232	UG/KG	ND	18	ND	190	NA	190	NA	190
Aroclor 1242	UG/KG	ND	18	ND	190	NA	190	NA	190
Aroclor 1248	UG/KG	ND	18	ND	190	NA	190	NA	190
Aroclor 1254	UG/KG	ND	18	ND	190	NA	190	NA	190
Aroclor 1260	UG/KG	ND	18	ND	190	NA	190	NA	190
---SURROGATE(S)---									
Tetrachloro-m-xylene	%	81	32-148	0 D	32-148	NA	32-148	NA	32-148
Decachlorobiphenyl	%	86	36-153	0 D	36-153	NA	36-153	NA	36-153

NA = Not Applicable ND = Not Detected

STL Buffalo

Date: 08/18/2005
Time: 16:13:08

Environmental Strategies Corporation
Ithaca Site - 127491

Rept: AN0326

ESC - METHOD 8082 - POLYCHLORINATED BIPHENYLS - W

Client ID Job No Sample Date	Lab ID	EB072805 A05-8066 07/28/2005	A5806607	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Aroclor 1016	UG/L	ND	0.48	NA		NA		NA	
Aroclor 1221	UG/L	ND	0.48	NA		NA		NA	
Aroclor 1232	UG/L	ND	0.48	NA		NA		NA	
Aroclor 1242	UG/L	ND	0.48	NA		NA		NA	
Aroclor 1248	UG/L	ND	0.48	NA		NA		NA	
Aroclor 1254	UG/L	ND	0.48	NA		NA		NA	
Aroclor 1260	UG/L	ND	0.48	NA		NA		NA	
SURROGATE(S)									
Tetrachloro-m-xylene	%	76	36-132	NA		NA		NA	
Decachlorobiphenyl	%	70	28-132	NA		NA		NA	

22/87

NA = Not Applicable ND = Not Detected

STL Buffalo

Date: 08/18/2005
Time: 16:13:16

Environmental Strategies Corporation
Ithaca Site - 127491
TOTAL TAL METALS

Rept: AN0326

Client ID Job No Sample Date	Lab ID	HA-RD-1-0-0-0.5 A05-8066 07/28/2005	A5806605	HA-RD-2-0-0-0.5 A05-8066 07/28/2005	A5806604	HA-RD-3-0-0-0.5 A05-8066 07/28/2005	A5806603	HA-RD-4-0-0-1 A05-8066 07/28/2005	A5806601
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Aluminum - Total	MG/KG	11300	10.9	11200	10.8	9680	11.8	11200	11.2
Antimony - Total	MG/KG	ND	16.4	ND	16.2	ND	17.7	ND	16.8
Arsenic - Total	MG/KG	8.0	2.2	8.5	2.2	6.0	2.4	10.8	2.2
Barium - Total	MG/KG	79.2	0.54	93.0	0.54	97.7	0.59	88.2	0.56
Beryllium - Total	MG/KG	0.53	0.22	0.57	0.22	0.41	0.24	0.58	0.22
Cadmium - Total	MG/KG	0.49	0.22	0.76	0.22	0.53	0.24	0.58	0.22
Calcium - Total	MG/KG	4950	54.5	29500	54.1	21700	59.0	10800	55.9
Chromium - Total	MG/KG	16.0	0.54	23.7	0.54	15.0	0.59	15.4	0.56
Cobalt - Total	MG/KG	9.5	0.54	10.1	0.54	8.3	0.59	8.5	0.56
Copper - Total	MG/KG	15.2	1.1	23.9	1.1	24.6	1.2	27.4	1.1
Iron - Total	MG/KG	18700	10.9	21300	10.8	18700	11.8	19300	11.2
Lead - Total	MG/KG	52.2	1.1	163	1.1	57.8	1.2	43.6	1.1
Magnesium - Total	MG/KG	3140	21.8	4900	21.6	5580	23.6	3690	22.4
Manganese - Total	MG/KG	567	0.22	674	0.22	479	0.24	640	0.22
Mercury - Total	MG/KG	0.062	0.021	0.050	0.020	0.048	0.022	0.026	0.022
Nickel - Total	MG/KG	19.5	0.54	22.5	0.54	19.1	0.59	22.1	0.56
Potassium - Total	MG/KG	1010	32.7	964	32.4	1030	35.4	1500	33.5
Selenium - Total	MG/KG	ND	4.4	ND	4.3	ND	4.7	ND	4.5
Silver - Total	MG/KG	ND	0.54	ND	0.54	ND	0.59	ND	0.56
Sodium - Total	MG/KG	ND	153	ND	151	270	165	436	156
Thallium - Total	MG/KG	ND	6.5	ND	6.5	ND	7.1	ND	6.7
Vanadium - Total	MG/KG	17.3	0.54	17.2	0.54	15.0	0.59	18.7	0.56
Zinc - Total	MG/KG	72.9	2.2	103	2.2	104	2.4	87.4	2.2

NA = Not Applicable ND = Not Detected

STL Buffalo

Client ID Job No Sample Date	Lab ID	HA-RD-40-0-1 A05-8066 07/28/2005	A5806602	HA-RD-5-0-0.5 A05-8066 07/28/2005	A5806606	Reporting Limit	Sample Value	Reporting Limit	Sample Value
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Aluminum - Total	Mg/Kg	11000	11.2	8380	11.7	NA	NA	NA	NA
Antimony - Total	Mg/Kg	ND	16.8	ND	17.5	NA	NA	NA	NA
Arsenic - Total	Mg/Kg	11.3	2.2	4.6	2.3	NA	NA	NA	NA
Barium - Total	Mg/Kg	88.7	0.56	171	0.58	NA	NA	NA	NA
Beryllium - Total	Mg/Kg	0.56	0.22	0.46	0.23	NA	NA	NA	NA
Cadmium - Total	Mg/Kg	0.45	0.22	3.4	0.23	NA	NA	NA	NA
Calcium - Total	Mg/Kg	9390	56.2	45500	58.4	NA	NA	NA	NA
Chromium - Total	Mg/Kg	14.8	0.56	22.4	0.58	NA	NA	NA	NA
Cobalt - Total	Mg/Kg	7.9	0.56	18.5	0.58	NA	NA	NA	NA
Copper - Total	Mg/Kg	20.6	1.1	28.8	1.2	NA	NA	NA	NA
Iron - Total	Mg/Kg	18600	11.2	14000	11.7	NA	NA	NA	NA
Lead - Total	Mg/Kg	38.9	1.1	160	1.2	NA	NA	NA	NA
Magnesium - Total	Mg/Kg	3570	22.5	5240	23.4	NA	NA	NA	NA
Manganese - Total	Mg/Kg	635	0.22	682	0.23	NA	NA	NA	NA
Mercury - Total	Mg/Kg	0.027	0.018	0.18	0.021	NA	NA	NA	NA
Nickel - Total	Mg/Kg	19.6	0.56	16.2	0.58	NA	NA	NA	NA
Potassium - Total	Mg/Kg	1340	33.7	1300	35.0	NA	NA	NA	NA
Selenium - Total	Mg/Kg	ND	4.5	ND	4.7	NA	NA	NA	NA
Silver - Total	Mg/Kg	ND	0.56	ND	0.58	NA	NA	NA	NA
Sodium - Total	Mg/Kg	422	157	219	163	NA	NA	NA	NA
Thallium - Total	Mg/Kg	ND	6.7	ND	7.0	NA	NA	NA	NA
Vanadium - Total	Mg/Kg	18.7	0.56	14.0	0.58	NA	NA	NA	NA
Zinc - Total	Mg/Kg	69.8	2.2	1790	11.7	NA	NA	NA	NA

Date: 08/18/2005
Time: 16:13:16

Environmental Strategies Corporation
Ithaca Site - 127491
TOTAL TAL METALS

Rept: AN0326

Client ID Job No Sample Date	Lab ID	EB072805 A05-8066 07/28/2005	A5806607	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value
Analyte	Units	Sample value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Aluminum - Total	MG/L	ND	0.20	NA		NA		NA	
Antimony - Total	MG/L	ND	0.020	NA		NA		NA	
Arsenic - Total	MG/L	ND	0.010	NA		NA		NA	
Barium - Total	MG/L	ND	0.0020	NA		NA		NA	
Beryllium - Total	MG/L	ND	0.0020	NA		NA		NA	
Cadmium - Total	MG/L	ND	0.0010	NA		NA		NA	
Calcium - Total	MG/L	ND	0.50	NA		NA		NA	
Chromium - Total	MG/L	ND	0.0040	NA		NA		NA	
Cobalt - Total	MG/L	ND	0.0040	NA		NA		NA	
Copper - Total	MG/L	ND	0.010	NA		NA		NA	
Iron - Total	MG/L	ND	0.050	NA		NA		NA	
Lead - Total	MG/L	ND	0.0050	NA		NA		NA	
Magnesium - Total	MG/L	ND	0.20	NA		NA		NA	
Manganese - Total	MG/L	ND	0.0030	NA		NA		NA	
Mercury - Total	MG/L	ND	0.00020	NA		NA		NA	
Nickel - Total	MG/L	ND	0.010	NA		NA		NA	
Potassium - Total	MG/L	ND	0.50	NA		NA		NA	
Selenium - Total	MG/L	ND	0.015	NA		NA		NA	
Silver - Total	MG/L	ND	0.0030	NA		NA		NA	
Sodium - Total	MG/L	ND	1.0	NA		NA		NA	
Thallium - Total	MG/L	ND	0.020	NA		NA		NA	
Vanadium - Total	MG/L	ND	0.0050	NA		NA		NA	
Zinc - Total	MG/L	ND	0.020	NA		NA		NA	

25/87

Batch Quality Control Data

Lab Sample ID: A5806603

A5806603MS

A5806603SD

Analyte	Units of Measure	Sample	Concentration			Spike Amount		% Recovery		% RPD	QC LIMITS	
			Matrix Spike	Spike Duplicate	MS			MSD	MSD		RPD	REC.
TOTAL TAL METALS												
TOTAL ALUMINUM	MG/KG	9675	10446	11624	1190	1185	1185	1185	164 *	86 *	20.0	75-125
TOTAL ANTIMONY	MG/KG	0.188	10.43	10.02	23.81	23.71	23.71	23.71	43 *	5	20.0	75-125
TOTAL ARSENIC	MG/KG	6.01	26.74	27.77	23.81	23.71	23.71	23.71	92	6	20.0	75-125
TOTAL BARIUM	MG/KG	97.74	113.8	123.0	23.81	23.71	23.71	23.71	106	44 *	20.0	75-125
TOTAL BERYLLIUM	MG/KG	0.413	21.38	21.96	23.81	23.71	23.71	23.71	91	3	20.0	75-125
TOTAL CADMIUM	MG/KG	0.531	21.26	21.88	23.81	23.71	23.71	23.71	90	3	20.0	75-125
TOTAL CALCIUM	MG/KG	21721	32838	18129	1190	1185	1185	1185	934 *	392 *	20.0	75-125
TOTAL CHROMIUM	MG/KG	14.95	35.32	38.82	23.81	23.71	23.71	23.71	101	16	20.0	75-125
TOTAL COBALT	MG/KG	8.32	29.22	31.21	23.81	23.71	23.71	23.71	96	9	20.0	75-125
TOTAL COPPER	MG/KG	24.63	45.69	48.06	23.81	23.71	23.71	23.71	99	12	20.0	75-125
TOTAL IRON	MG/KG	18681	18935	22570	1190	1185	1185	1185	328 *	176 *	20.0	75-125
TOTAL LEAD	MG/KG	57.83	76.14	86.96	23.81	23.71	23.71	23.71	123	46 *	20.0	75-125
TOTAL MAGNESIUM	MG/KG	5584	6940	6722	1190	1185	1185	1185	96	17	20.0	75-125
TOTAL MANGANESE	MG/KG	479.1	487.6	518.3	23.81	23.71	23.71	23.71	165 *	128 *	20.0	75-125
TOTAL NICKEL	MG/KG	19.14	39.88	42.52	23.81	23.71	23.71	23.71	98	12	20.0	75-125
TOTAL POTASSIUM	MG/KG	1028	2158	2225	1190	1185	1185	1185	101	6	20.0	75-125
TOTAL SELENIUM	MG/KG	1.18	20.76	21.46	23.81	23.71	23.71	23.71	86	5	20.0	75-125
TOTAL SILVER	MG/KG	0.0354	5.46	5.57	5.95	5.92	5.92	5.92	93	2	20.0	75-125
TOTAL SODIUM	MG/KG	270.2	1367	1408	1190	1185	1185	1185	96	4	20.0	75-125
TOTAL THALLIUM	MG/KG	0	20.75	21.09	23.81	23.71	23.71	23.71	89	2	20.0	75-125
TOTAL VANADIUM	MG/KG	15.05	36.14	37.65	23.81	23.71	23.71	23.71	95	8	20.0	75-125
TOTAL ZINC	MG/KG	103.8	129.0	147.8	23.81	23.71	23.71	23.71	186 *	55 *	20.0	75-125

27/87

Chronology and QC Summary Package

Date: 08/18/2005
Time: 16:13:35

Environmental Strategies Corporation
Ithaca Site - 127491
METHOD 8260 - TCL VOLATILE ORGANICS

Rept: AN0326

29/87

Client ID Job No Sample Date	Lab ID	VBLK55 A05-8066	A5B1194002	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Acetone	UG/L	ND	5.0	NA		NA		NA	
Benzene	UG/L	ND	1.0	NA		NA		NA	
Bromodichloromethane	UG/L	ND	1.0	NA		NA		NA	
Bromoform	UG/L	ND	1.0	NA		NA		NA	
Bromomethane	UG/L	ND	1.0	NA		NA		NA	
2-Butanone	UG/L	ND	5.0	NA		NA		NA	
Carbon Disulfide	UG/L	ND	1.0	NA		NA		NA	
Carbon Tetrachloride	UG/L	ND	1.0	NA		NA		NA	
Chlorobenzene	UG/L	ND	1.0	NA		NA		NA	
Chloroethane	UG/L	ND	1.0	NA		NA		NA	
Chloroform	UG/L	ND	1.0	NA		NA		NA	
Chloromethane	UG/L	ND	1.0	NA		NA		NA	
Cyclohexane	UG/L	ND	1.0	NA		NA		NA	
1,2-Dibromoethane	UG/L	ND	1.0	NA		NA		NA	
Dibromochloromethane	UG/L	ND	1.0	NA		NA		NA	
1,2-Dibromo-3-chloropropane	UG/L	ND	1.0	NA		NA		NA	
1,2-Dichlorobenzene	UG/L	ND	1.0	NA		NA		NA	
1,3-Dichlorobenzene	UG/L	ND	1.0	NA		NA		NA	
1,4-Dichlorobenzene	UG/L	ND	1.0	NA		NA		NA	
Dichlorodifluoromethane	UG/L	ND	1.0	NA		NA		NA	
1,1-Dichloroethane	UG/L	ND	1.0	NA		NA		NA	
1,2-Dichloroethane	UG/L	ND	1.0	NA		NA		NA	
1,1-Dichloroethene	UG/L	ND	1.0	NA		NA		NA	
cis-1,2-Dichloroethene	UG/L	ND	1.0	NA		NA		NA	
trans-1,2-Dichloroethene	UG/L	ND	1.0	NA		NA		NA	
1,2-Dichloropropane	UG/L	ND	1.0	NA		NA		NA	
cis-1,3-Dichloropropene	UG/L	ND	1.0	NA		NA		NA	
trans-1,3-Dichloropropene	UG/L	ND	1.0	NA		NA		NA	
Ethylbenzene	UG/L	ND	1.0	NA		NA		NA	
2-Hexanone	UG/L	ND	5.0	NA		NA		NA	
Isopropylbenzene	UG/L	ND	1.0	NA		NA		NA	
Methyl acetate	UG/L	ND	1.0	NA		NA		NA	
Methylcyclohexane	UG/L	ND	1.0	NA		NA		NA	
Methylene chloride	UG/L	ND	1.0	NA		NA		NA	
4-Methyl-2-pentanone	UG/L	ND	5.0	NA		NA		NA	
Methyl-t-Butyl Ether (MTBE)	UG/L	ND	1.0	NA		NA		NA	
Styrene	UG/L	ND	1.0	NA		NA		NA	
1,1,2,2-Tetrachloroethane	UG/L	ND	1.0	NA		NA		NA	
Tetrachloroethene	UG/L	ND	1.0	NA		NA		NA	
Toluene	UG/L	ND	1.0	NA		NA		NA	
1,2,4-Trichlorobenzene	UG/L	ND	1.0	NA		NA		NA	
1,1,1-Trichloroethane	UG/L	ND	1.0	NA		NA		NA	
1,1,2-Trichloroethane	UG/L	ND	1.0	NA		NA		NA	

NA = Not Applicable ND = Not Detected

STL Buffalo

Date: 08/18/2005
Time: 16:13:35

Environmental Strategies Corporation
Ithaca Site - 127491
METHOD 8260 - TCL VOLATILE ORGANICS

Rept: AN0326

Client ID Job No Sample Date	Lab ID	VBLK55 A05-8066	A581194002	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
1,1,2-Trichloro-1,2,2-trifluor Trichlorofluoromethane	UG/L	ND	1.0	NA		NA		NA	
Trichloroethene	UG/L	ND	1.0	NA		NA		NA	
Vinyl chloride	UG/L	ND	1.0	NA		NA		NA	
Total Xylenes	UG/L	ND	3.0	NA		NA		NA	
IS/SURROGATE(S)									
Chlorobenzene-D5	%	90	50-200	NA		NA		NA	
1,4-Difluorobenzene	%	88	50-200	NA		NA		NA	
1,4-Dichlorobenzene-D4	%	83	50-200	NA		NA		NA	
Toluene-D8	%	97	76-122	NA		NA		NA	
p-Bromofluorobenzene	%	93	73-120	NA		NA		NA	
1,2-Dichloroethane-D4	%	101	72-143	NA		NA		NA	

30/87

NA = Not Applicable ND = Not Detected

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Date: 08/18/2005
Time: 16:13:35

Environmental Strategies Corporation
Ithaca site - 127491
ENV - METHOD 8260 - TCL VOLATILE ORGANICS - S

Rept: AN0326

31/87

Client ID Job No Sample Date	Lab ID	VBLK32 A05-8066	A5B1189602	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value
Acetone	UG/KG	ND	25	NA	NA		NA		NA
Benzene	UG/KG	ND	5	NA	NA		NA		NA
Bromodichloromethane	UG/KG	ND	5	NA	NA		NA		NA
Bromoform	UG/KG	ND	5	NA	NA		NA		NA
Bromomethane	UG/KG	ND	5	NA	NA		NA		NA
2-Butanone	UG/KG	ND	25	NA	NA		NA		NA
Carbon Disulfide	UG/KG	ND	5	NA	NA		NA		NA
Carbon Tetrachloride	UG/KG	ND	5	NA	NA		NA		NA
Chlorobenzene	UG/KG	ND	5	NA	NA		NA		NA
Chloroethane	UG/KG	ND	5	NA	NA		NA		NA
Chloroform	UG/KG	ND	5	NA	NA		NA		NA
Chloromethane	UG/KG	ND	5	NA	NA		NA		NA
Cyclohexane	UG/KG	ND	5	NA	NA		NA		NA
1,2-Dibromoethane	UG/KG	ND	5	NA	NA		NA		NA
Dibromochloromethane	UG/KG	ND	5	NA	NA		NA		NA
1,2-Dibromo-3-chloropropane	UG/KG	ND	5	NA	NA		NA		NA
1,2-Dichlorobenzene	UG/KG	ND	5	NA	NA		NA		NA
1,3-Dichlorobenzene	UG/KG	ND	5	NA	NA		NA		NA
1,4-Dichlorobenzene	UG/KG	ND	5	NA	NA		NA		NA
Dichlorodifluoromethane	UG/KG	ND	5	NA	NA		NA		NA
1,1-Dichloroethane	UG/KG	ND	5	NA	NA		NA		NA
1,2-Dichloroethane	UG/KG	ND	5	NA	NA		NA		NA
1,1-Dichloroethene	UG/KG	ND	5	NA	NA		NA		NA
cis-1,2-Dichloroethene	UG/KG	ND	5	NA	NA		NA		NA
trans-1,2-Dichloroethene	UG/KG	ND	5	NA	NA		NA		NA
1,2-Dichloropropane	UG/KG	ND	5	NA	NA		NA		NA
cis-1,3-Dichloropropene	UG/KG	ND	5	NA	NA		NA		NA
trans-1,3-Dichloropropene	UG/KG	ND	5	NA	NA		NA		NA
Ethylbenzene	UG/KG	ND	5	NA	NA		NA		NA
2-Hexanone	UG/KG	ND	25	NA	NA		NA		NA
Isopropylbenzene	UG/KG	ND	5	NA	NA		NA		NA
Methyl acetate	UG/KG	ND	5	NA	NA		NA		NA
Methylcyclohexane	UG/KG	ND	5	NA	NA		NA		NA
Methylene chloride	UG/KG	ND	5	NA	NA		NA		NA
4-Methyl-2-pentanone	UG/KG	ND	25	NA	NA		NA		NA
Methyl-t-Butyl Ether (MTBE)	UG/KG	ND	5	NA	NA		NA		NA
Styrene	UG/KG	ND	5	NA	NA		NA		NA
1,1,2,2-Tetrachloroethane	UG/KG	ND	5	NA	NA		NA		NA
Tetrachloroethene	UG/KG	ND	5	NA	NA		NA		NA
Toluene	UG/KG	ND	5	NA	NA		NA		NA
1,2,4-Trichlorobenzene	UG/KG	ND	5	NA	NA		NA		NA
1,1,1-Trichloroethane	UG/KG	ND	5	NA	NA		NA		NA
1,1,2-Trichloroethane	UG/KG	ND	5	NA	NA		NA		NA

NA = Not Applicable ND = Not Detected

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Date: 08/18/2005
Time: 16:13:35

Environmental Strategies Corporation
Ithaca Site - 127491
ENV - METHOD 8260 - TCL VOLATILE ORGANICS - S

Rept: AN0326

Client ID Job No Sample Date	Lab ID	VBLK32 A05-8066	A5B1189602	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
1,1,2-Trichloro-1,2,2-trifluoroethane	UG/KG	ND	5	NA		NA		NA	
Trichlorofluoromethane	UG/KG	ND	5	NA		NA		NA	
Trichloroethene	UG/KG	ND	5	NA		NA		NA	
Vinyl chloride	UG/KG	ND	10	NA		NA		NA	
Total Xylenes	UG/KG	ND	15	NA		NA		NA	
IS/SURROGATE(S)									
Chlorobenzene-D5	%	85	50-200	NA		NA		NA	
1,4-Difluorobenzene	%	90	50-200	NA		NA		NA	
1,4-Dichlorobenzene-D4	%	77	50-200	NA		NA		NA	
Toluene-D8	%	111	71-125	NA		NA		NA	
p-Bromofluorobenzene	%	96	68-124	NA		NA		NA	
1,2-Dichloroethane-D4	%	88	61-136	NA		NA		NA	

NA = Not Applicable ND = Not Detected

STL Buffalo

Date: 08/18/2005
Time: 16:13:35

Environmental Strategies Corporation
Ithaca Site - 127491
METHOD 8260 - TCL VOLATILE ORGANICS

Rept: AN0326

33/87

Client ID Job No Sample Date	Lab ID	MSB55 A05-8066	A581194001	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Acetone	UG/L	ND	5.0	NA		NA		NA	
Benzene	UG/L	11	1.0	NA		NA		NA	
Bromodichloromethane	UG/L	ND	1.0	NA		NA		NA	
Bromoform	UG/L	ND	1.0	NA		NA		NA	
Bromomethane	UG/L	ND	1.0	NA		NA		NA	
2-Butanone	UG/L	ND	5.0	NA		NA		NA	
Carbon Disulfide	UG/L	ND	1.0	NA		NA		NA	
Carbon Tetrachloride	UG/L	ND	1.0	NA		NA		NA	
Chlorobenzene	UG/L	10	1.0	NA		NA		NA	
Chloroethane	UG/L	ND	1.0	NA		NA		NA	
Chloroform	UG/L	ND	1.0	NA		NA		NA	
Chloromethane	UG/L	ND	1.0	NA		NA		NA	
Cyclohexane	UG/L	ND	1.0	NA		NA		NA	
1,2-Dibromoethane	UG/L	ND	1.0	NA		NA		NA	
Dibromochloromethane	UG/L	ND	1.0	NA		NA		NA	
1,2-Dibromo-3-chloropropane	UG/L	ND	1.0	NA		NA		NA	
1,2-Dichlorobenzene	UG/L	ND	1.0	NA		NA		NA	
1,3-Dichlorobenzene	UG/L	ND	1.0	NA		NA		NA	
1,4-Dichlorobenzene	UG/L	ND	1.0	NA		NA		NA	
Dichlorodifluoromethane	UG/L	ND	1.0	NA		NA		NA	
1,1-Dichloroethane	UG/L	ND	1.0	NA		NA		NA	
1,2-Dichloroethane	UG/L	ND	1.0	NA		NA		NA	
1,1-Dichloroethene	UG/L	12	1.0	NA		NA		NA	
cis-1,2-Dichloroethene	UG/L	ND	1.0	NA		NA		NA	
trans-1,2-Dichloroethene	UG/L	ND	1.0	NA		NA		NA	
1,2-Dichloropropane	UG/L	ND	1.0	NA		NA		NA	
cis-1,3-Dichloropropene	UG/L	ND	1.0	NA		NA		NA	
trans-1,3-Dichloropropene	UG/L	ND	1.0	NA		NA		NA	
Ethylbenzene	UG/L	ND	1.0	NA		NA		NA	
2-Hexanone	UG/L	ND	5.0	NA		NA		NA	
Isopropylbenzene	UG/L	ND	1.0	NA		NA		NA	
Methyl acetate	UG/L	ND	1.0	NA		NA		NA	
Methylcyclohexane	UG/L	ND	1.0	NA		NA		NA	
Methylene chloride	UG/L	ND	1.0	NA		NA		NA	
4-Methyl-2-pentanone	UG/L	ND	5.0	NA		NA		NA	
Methyl-t-Butyl Ether (MTBE)	UG/L	ND	1.0	NA		NA		NA	
Styrene	UG/L	ND	1.0	NA		NA		NA	
1,1,2,2-Tetrachloroethane	UG/L	ND	1.0	NA		NA		NA	
Tetrachloroethene	UG/L	ND	1.0	NA		NA		NA	
Toluene	UG/L	10	1.0	NA		NA		NA	
1,2,4-Trichlorobenzene	UG/L	ND	1.0	NA		NA		NA	
1,1,1-Trichloroethane	UG/L	ND	1.0	NA		NA		NA	
1,1,2-Trichloroethane	UG/L	ND	1.0	NA		NA		NA	

NA = Not Applicable ND = Not Detected

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Date: 08/18/2005
Time: 16:13:35

Environmental Strategies Corporation
Ithaca Site - 127491
METHOD 8260 - TCL VOLATILE ORGANICS

Rept: AN0326

Client ID Job No Sample Date	Lab ID	MSB55 A05-8066	A5B1194001	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
1,1,2-Trichloro-1,2,2-trifluor	UG/L	ND	1.0	NA		NA		NA	
Trichlorofluoromethane	UG/L	ND	1.0	NA		NA		NA	
Trichloroethene	UG/L	11	1.0	NA		NA		NA	
Vinyl chloride	UG/L	ND	1.0	NA		NA		NA	
Total Xylenes	UG/L	ND	3.0	NA		NA		NA	
IS/SURROGATE(S)									
Chlorobenzene-D5	%	86	50-200	NA		NA		NA	
1,4-Difluorobenzene	%	87	50-200	NA		NA		NA	
1,4-Dichlorobenzene-D4	%	69	50-200	NA		NA		NA	
Toluene-D8	%	98	76-122	NA		NA		NA	
p-Bromofluorobenzene	%	90	73-120	NA		NA		NA	
1,2-Dichloroethane-D4	%	102	72-143	NA		NA		NA	

NA = Not Applicable ND = Not Detected

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34/87

Date: 08/18/2005
Time: 16:13:35

Environmental Strategies Corporation
Ithaca Site - 127491
ENV - METHOD 8260 - TCL VOLATILE ORGANICS - S

Rept: AN0326

35/87

Client ID Job No Sample Date	Lab ID	MSB32 A05-8066	A5B1189601	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Acetone	UG/KG	ND	25	NA	NA	NA	NA	NA	NA
Benzene	UG/KG	50	5	NA	NA	NA	NA	NA	NA
Bromodichloromethane	UG/KG	ND	5	NA	NA	NA	NA	NA	NA
Bromoform	UG/KG	ND	5	NA	NA	NA	NA	NA	NA
Bromomethane	UG/KG	ND	5	NA	NA	NA	NA	NA	NA
2-Butanone	UG/KG	ND	25	NA	NA	NA	NA	NA	NA
Carbon Disulfide	UG/KG	ND	5	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride	UG/KG	ND	5	NA	NA	NA	NA	NA	NA
Chlorobenzene	UG/KG	60	5	NA	NA	NA	NA	NA	NA
Chloroethane	UG/KG	ND	5	NA	NA	NA	NA	NA	NA
Chloroform	UG/KG	ND	5	NA	NA	NA	NA	NA	NA
Chloromethane	UG/KG	ND	5	NA	NA	NA	NA	NA	NA
Cyclohexane	UG/KG	ND	5	NA	NA	NA	NA	NA	NA
1,2-Dibromoethane	UG/KG	ND	5	NA	NA	NA	NA	NA	NA
Dibromochloromethane	UG/KG	ND	5	NA	NA	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	UG/KG	ND	5	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	UG/KG	ND	5	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	UG/KG	ND	5	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	UG/KG	ND	5	NA	NA	NA	NA	NA	NA
Dichlorodifluoromethane	UG/KG	ND	5	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	UG/KG	ND	5	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	UG/KG	ND	5	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	UG/KG	49	5	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	UG/KG	ND	5	NA	NA	NA	NA	NA	NA
trans-1,2-Dichloroethene	UG/KG	ND	5	NA	NA	NA	NA	NA	NA
1,2-Dichloropropane	UG/KG	ND	5	NA	NA	NA	NA	NA	NA
cis-1,3-Dichloropropene	UG/KG	ND	5	NA	NA	NA	NA	NA	NA
trans-1,3-Dichloropropene	UG/KG	ND	5	NA	NA	NA	NA	NA	NA
Ethylbenzene	UG/KG	ND	5	NA	NA	NA	NA	NA	NA
2-Hexanone	UG/KG	ND	25	NA	NA	NA	NA	NA	NA
Isopropylbenzene	UG/KG	ND	5	NA	NA	NA	NA	NA	NA
Methyl acetate	UG/KG	ND	5	NA	NA	NA	NA	NA	NA
Methylcyclohexane	UG/KG	ND	5	NA	NA	NA	NA	NA	NA
Methylene chloride	UG/KG	ND	5	NA	NA	NA	NA	NA	NA
4-Methyl-2-pentanone	UG/KG	ND	25	NA	NA	NA	NA	NA	NA
Methyl-t-Butyl Ether (MTBE)	UG/KG	ND	5	NA	NA	NA	NA	NA	NA
Styrene	UG/KG	ND	5	NA	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	UG/KG	ND	5	NA	NA	NA	NA	NA	NA
Tetrachloroethene	UG/KG	ND	5	NA	NA	NA	NA	NA	NA
Toluene	UG/KG	52	5	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	UG/KG	ND	5	NA	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	UG/KG	ND	5	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	UG/KG	ND	5	NA	NA	NA	NA	NA	NA

NA = Not Applicable ND = Not Detected

STL Buffalo

Date: 08/18/2005
Time: 16:13:35

Environmental Strategies Corporation
Ithaca Site - 127491

Rept: AN0326

ENV - METHOD 8260 - TCL VOLATILE ORGANICS - S

Client ID Job No Sample Date	Lab ID	MS832 A05-8066	ASB1189601	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
1,1,2-Trichloro-1,2,2-trifluoroethane	UG/KG	ND	5	NA		NA		NA	
Trichlorofluoromethane	UG/KG	ND	5	NA		NA		NA	
Trichloroethene	UG/KG	51	5	NA		NA		NA	
Vinyl chloride	UG/KG	ND	10	NA		NA		NA	
Total Xylenes	UG/KG	ND	15	NA		NA		NA	
IS/SURROGATE(S)									
Chlorobenzene-D5	%	91	50-200	NA		NA		NA	
1,4-Difluorobenzene	%	95	50-200	NA		NA		NA	
1,4-Dichlorobenzene-D4	%	84	50-200	NA		NA		NA	
Toluene-D8	%	106	71-125	NA		NA		NA	
p-Bromofluorobenzene	%	99	68-124	NA		NA		NA	
1,2-Dichloroethane-D4	%	97	61-136	NA		NA		NA	

NA = Not Applicable ND = Not Detected

STL Buffalo

Date: 08/18/2005
Time: 16:13:55

Environmental Strategies Corporation
Ithaca Site - 127491
METHOD 8260 - TCL VOLATILE ORGANICS

Rept: AN0326

37/87

Client ID Job No Sample Date	Lab ID	TRIP BLANK A05-8066 07/28/2005	A5806608	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Acetone	UG/L	ND	5.0	NA	NA	NA	NA	NA	NA
Benzene	UG/L	ND	1.0	NA	NA	NA	NA	NA	NA
Bromodichloromethane	UG/L	ND	1.0	NA	NA	NA	NA	NA	NA
Bromoform	UG/L	ND	1.0	NA	NA	NA	NA	NA	NA
Bromomethane	UG/L	ND	1.0	NA	NA	NA	NA	NA	NA
2-Butanone	UG/L	ND	5.0	NA	NA	NA	NA	NA	NA
Carbon Disulfide	UG/L	ND	1.0	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride	UG/L	ND	1.0	NA	NA	NA	NA	NA	NA
Chlorobenzene	UG/L	ND	1.0	NA	NA	NA	NA	NA	NA
Chloroethane	UG/L	ND	1.0	NA	NA	NA	NA	NA	NA
Chloroform	UG/L	ND	1.0	NA	NA	NA	NA	NA	NA
Chloromethane	UG/L	ND	1.0	NA	NA	NA	NA	NA	NA
Cyclohexane	UG/L	ND	1.0	NA	NA	NA	NA	NA	NA
1,2-Dibromoethane	UG/L	ND	1.0	NA	NA	NA	NA	NA	NA
Dibromochloromethane	UG/L	ND	1.0	NA	NA	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	UG/L	ND	1.0	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	UG/L	ND	1.0	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	UG/L	ND	1.0	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	UG/L	ND	1.0	NA	NA	NA	NA	NA	NA
Dichlorodifluoromethane	UG/L	ND	1.0	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	UG/L	ND	1.0	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	UG/L	ND	1.0	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	UG/L	ND	1.0	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	UG/L	ND	1.0	NA	NA	NA	NA	NA	NA
trans-1,2-Dichloroethene	UG/L	ND	1.0	NA	NA	NA	NA	NA	NA
1,2-Dichloropropane	UG/L	ND	1.0	NA	NA	NA	NA	NA	NA
cis-1,3-Dichloropropene	UG/L	ND	1.0	NA	NA	NA	NA	NA	NA
trans-1,3-Dichloropropene	UG/L	ND	1.0	NA	NA	NA	NA	NA	NA
Ethylbenzene	UG/L	ND	1.0	NA	NA	NA	NA	NA	NA
2-Hexanone	UG/L	ND	5.0	NA	NA	NA	NA	NA	NA
Isopropylbenzene	UG/L	ND	1.0	NA	NA	NA	NA	NA	NA
Methyl acetate	UG/L	ND	1.0	NA	NA	NA	NA	NA	NA
Methylcyclohexane	UG/L	ND	1.0	NA	NA	NA	NA	NA	NA
Methylene chloride	UG/L	ND	1.0	NA	NA	NA	NA	NA	NA
4-Methyl-2-pentanone	UG/L	ND	5.0	NA	NA	NA	NA	NA	NA
Methyl-t-Butyl Ether (MTBE)	UG/L	ND	1.0	NA	NA	NA	NA	NA	NA
Styrene	UG/L	ND	1.0	NA	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	UG/L	ND	1.0	NA	NA	NA	NA	NA	NA
Tetrachloroethene	UG/L	ND	1.0	NA	NA	NA	NA	NA	NA
Toluene	UG/L	ND	1.0	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	UG/L	ND	1.0	NA	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	UG/L	ND	1.0	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	UG/L	ND	1.0	NA	NA	NA	NA	NA	NA

NA = Not Applicable ND = Not Detected

STL Buffalo

Date: 08/18/2005
Time: 16:13:35

Environmental Strategies Corporation
Ithaca Site - 127491
METHOD 8260 - TCL VOLATILE ORGANICS

Rept: AN0326

Client ID Job No Sample Date	Lab ID	TRIP BLANK A05-8066 07/28/2005	A5806608	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
1,1,2-Trichloro-1,2,2-trifluor	UG/L	ND	1.0	NA		NA		NA		NA	
Trichlorofluoromethane	UG/L	ND	1.0	NA		NA		NA		NA	
Trichloroethene	UG/L	ND	1.0	NA		NA		NA		NA	
Vinyl chloride	UG/L	ND	1.0	NA		NA		NA		NA	
Total xylenes	UG/L	ND	3.0	NA		NA		NA		NA	
IS/SURROGATE(S)											
Chlorobenzene-D5	%	72	50-200	NA		NA		NA		NA	
1,4-difluorobenzene	%	76	50-200	NA		NA		NA		NA	
1,4-Dichlorobenzene-D4	%	63	50-200	NA		NA		NA		NA	
Toluene-D8	%	101	76-122	NA		NA		NA		NA	
p-Bromofluorobenzene	%	91	73-120	NA		NA		NA		NA	
1,2-Dichloroethane-D4	%	98	72-143	NA		NA		NA		NA	

38/87

NA = Not Applicable ND = Not Detected

STL Buffalo

Client ID Job No Sample Date	Lab ID	S Blank A05-8066	A581166302	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value
Acenaphthene	UG/L	ND	10	NA	NA		NA		NA
Acenaphthylene	UG/L	ND	10	NA	NA		NA		NA
Acetophenone	UG/L	ND	10	NA	NA		NA		NA
Anthracene	UG/L	ND	10	NA	NA		NA		NA
Atrazine	UG/L	ND	10	NA	NA		NA		NA
Benzaldehyde	UG/L	ND	50	NA	NA		NA		NA
Benzo(a)anthracene	UG/L	ND	10	NA	NA		NA		NA
Benzo(b)fluoranthene	UG/L	ND	10	NA	NA		NA		NA
Benzo(k)fluoranthene	UG/L	ND	10	NA	NA		NA		NA
Benzo(ghi)perylene	UG/L	ND	10	NA	NA		NA		NA
Benzo(a)pyrene	UG/L	ND	10	NA	NA		NA		NA
Benzoic acid	UG/L	ND	150	NA	NA		NA		NA
Benzyl alcohol	UG/L	ND	20	NA	NA		NA		NA
Biphenyl	UG/L	ND	10	NA	NA		NA		NA
Bis(2-chloroethoxy) methane	UG/L	ND	10	NA	NA		NA		NA
Bis(2-chloroethyl) ether	UG/L	ND	10	NA	NA		NA		NA
2,2'-oxybis(1-chloropropane)	UG/L	ND	10	NA	NA		NA		NA
Bis(2-ethylhexyl) phthalate	UG/L	ND	10	NA	NA		NA		NA
4-Bromophenyl phenyl ether	UG/L	ND	10	NA	NA		NA		NA
Butyl benzyl phthalate	UG/L	ND	10	NA	NA		NA		NA
4-Chloroaniline	UG/L	ND	10	NA	NA		NA		NA
4-Chloro-3-methylphenol	UG/L	ND	10	NA	NA		NA		NA
2-Chloronaphthalene	UG/L	ND	10	NA	NA		NA		NA
2-Chlorophenol	UG/L	ND	10	NA	NA		NA		NA
4-Chlorophenyl phenyl ether	UG/L	ND	10	NA	NA		NA		NA
Caprolactam	UG/L	ND	10	NA	NA		NA		NA
Chrysene	UG/L	ND	10	NA	NA		NA		NA
Dibenzo(a,h)anthracene	UG/L	ND	10	NA	NA		NA		NA
Dibenzofuran	UG/L	ND	10	NA	NA		NA		NA
Di-n-butyl phthalate	UG/L	ND	10	NA	NA		NA		NA
1,2-Dichlorobenzene	UG/L	ND	10	NA	NA		NA		NA
1,3-Dichlorobenzene	UG/L	ND	10	NA	NA		NA		NA
1,4-Dichlorobenzene	UG/L	ND	10	NA	NA		NA		NA
3,3'-Dichlorobenzidine	UG/L	ND	20	NA	NA		NA		NA
2,4-Dichlorophenol	UG/L	ND	10	NA	NA		NA		NA
Diethyl phthalate	UG/L	ND	10	NA	NA		NA		NA
2,4-Dimethylphenol	UG/L	ND	10	NA	NA		NA		NA
Dimethyl phthalate	UG/L	ND	10	NA	NA		NA		NA
4,6-Dinitro-2-methylphenol	UG/L	ND	50	NA	NA		NA		NA
2,4-Dinitrophenol	UG/L	ND	50	NA	NA		NA		NA
2,4-Dinitrotoluene	UG/L	ND	10	NA	NA		NA		NA
2,6-Dinitrotoluene	UG/L	ND	10	NA	NA		NA		NA
Di-n-octyl phthalate	UG/L	ND	10	NA	NA		NA		NA

Date: 08/18/2005
Time: 16:13:59

Environmental Strategies Corporation
Ithaca Site - 127491
ESC - 8270 - TCL SEMI-VOLATILE ORGANICS - W

Rept: AN0326

40/87

Client ID Job No Sample Date	Lab ID	S Blank A05-8066	A5B1166302	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Fluoranthene	UG/L	ND	10	NA		NA		NA	
Fluorene	UG/L	ND	10	NA		NA		NA	
Hexachlorobenzene	UG/L	ND	10	NA		NA		NA	
Hexachlorobutadiene	UG/L	ND	10	NA		NA		NA	
Hexachlorocyclopentadiene	UG/L	ND	45	NA		NA		NA	
Hexachloroethane	UG/L	ND	10	NA		NA		NA	
Indeno(1,2,3-cd)pyrene	UG/L	ND	10	NA		NA		NA	
Isophorone	UG/L	ND	10	NA		NA		NA	
2-Methylnaphthalene	UG/L	ND	10	NA		NA		NA	
2-Methylphenol	UG/L	ND	10	NA		NA		NA	
4-Methylphenol	UG/L	ND	10	NA		NA		NA	
Naphthalene	UG/L	ND	10	NA		NA		NA	
2-Nitroaniline	UG/L	ND	50	NA		NA		NA	
3-Nitroaniline	UG/L	ND	50	NA		NA		NA	
4-Nitroaniline	UG/L	ND	50	NA		NA		NA	
Nitrobenzene	UG/L	ND	10	NA		NA		NA	
2-Nitrophenol	UG/L	ND	10	NA		NA		NA	
4-Nitrophenol	UG/L	ND	50	NA		NA		NA	
N-nitrosodiphenylamine	UG/L	ND	10	NA		NA		NA	
N-Nitroso-Di-n-propylamine	UG/L	ND	10	NA		NA		NA	
Pentachlorophenol	UG/L	ND	50	NA		NA		NA	
Phenanthrene	UG/L	ND	10	NA		NA		NA	
Phenol	UG/L	ND	10	NA		NA		NA	
Pyrene	UG/L	ND	10	NA		NA		NA	
1,2,4-Trichlorobenzene	UG/L	ND	10	NA		NA		NA	
2,4,5-Trichlorophenol	UG/L	ND	10	NA		NA		NA	
2,4,6-Trichlorophenol	UG/L	ND	10	NA		NA		NA	
IS/SURROGATE(S)									
1,4-Dichlorobenzene-D4	%	84	50-200	NA		NA		NA	
Naphthalene-D8	%	82	50-200	NA		NA		NA	
Acenaphthene-D10	%	84	50-200	NA		NA		NA	
Phenanthrene-D10	%	86	50-200	NA		NA		NA	
Chrysene-D12	%	94	50-200	NA		NA		NA	
Perylene-D12	%	87	50-200	NA		NA		NA	
Nitrobenzene-D5	%	86	52-120	NA		NA		NA	
2-Fluorobiphenyl	%	79	21-120	NA		NA		NA	
p-Terphenyl-d14	%	83	36-138	NA		NA		NA	
Phenol-D5	%	32	13-120	NA		NA		NA	
2-Fluorophenol	%	48	21-120	NA		NA		NA	
2,4,6-Tribromophenol	%	86	62-133	NA		NA		NA	

NA = Not Applicable ND = Not Detected

STL Buffalo

Client ID Job No Sample Date	Lab ID	S Blank A05-8066	A5B1166402	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Acenaphthene	UG/KG	ND	330	NA	330	NA	330	NA	330
Acenaphthylene	UG/KG	ND	330	NA	330	NA	330	NA	330
Acetophenone	UG/KG	ND	330	NA	330	NA	330	NA	330
Anthracene	UG/KG	ND	330	NA	330	NA	330	NA	330
Atrazine	UG/KG	ND	330	NA	330	NA	330	NA	330
Benzaldehyde	UG/KG	ND	330	NA	330	NA	330	NA	330
Benzo(a)anthracene	UG/KG	ND	330	NA	330	NA	330	NA	330
Benzo(b)fluoranthene	UG/KG	ND	330	NA	330	NA	330	NA	330
Benzo(k)fluoranthene	UG/KG	ND	330	NA	330	NA	330	NA	330
Benzo(ghi)perylene	UG/KG	ND	330	NA	330	NA	330	NA	330
Benzo(a)pyrene	UG/KG	ND	330	NA	330	NA	330	NA	330
Benzoic acid	UG/KG	ND	4800	NA	4800	NA	4800	NA	4800
Benzyl alcohol	UG/KG	ND	330	NA	330	NA	330	NA	330
Biphenyl	UG/KG	ND	330	NA	330	NA	330	NA	330
Bis(2-chloroethoxy) methane	UG/KG	ND	330	NA	330	NA	330	NA	330
Bis(2-chloroethyl) ether	UG/KG	ND	330	NA	330	NA	330	NA	330
2,2'-Oxybis(1-chloropropane)	UG/KG	ND	330	NA	330	NA	330	NA	330
Bis(2-ethylhexyl) phthalate	UG/KG	ND	330	NA	330	NA	330	NA	330
4-Bromophenyl phenyl ether	UG/KG	ND	330	NA	330	NA	330	NA	330
Butyl benzyl phthalate	UG/KG	ND	330	NA	330	NA	330	NA	330
Caprolactam	UG/KG	ND	330	NA	330	NA	330	NA	330
4-Chloroaniline	UG/KG	ND	330	NA	330	NA	330	NA	330
4-Chloro-3-methylphenol	UG/KG	ND	330	NA	330	NA	330	NA	330
2-Chloronaphthalene	UG/KG	ND	330	NA	330	NA	330	NA	330
2-Chlorophenol	UG/KG	ND	330	NA	330	NA	330	NA	330
4-Chlorophenyl phenyl ether	UG/KG	ND	330	NA	330	NA	330	NA	330
Carbazole	UG/KG	ND	330	NA	330	NA	330	NA	330
Chrysene	UG/KG	ND	330	NA	330	NA	330	NA	330
Dibenzofuran	UG/KG	ND	330	NA	330	NA	330	NA	330
Di-n-butyl phthalate	UG/KG	ND	330	NA	330	NA	330	NA	330
3,3'-Dichlorobenzidine	UG/KG	ND	330	NA	330	NA	330	NA	330
2,4-Dichlorophenol	UG/KG	ND	330	NA	330	NA	330	NA	330
Diethyl phthalate	UG/KG	ND	330	NA	330	NA	330	NA	330
2,4-Dimethylphenol	UG/KG	ND	330	NA	330	NA	330	NA	330
Dimethyl phthalate	UG/KG	ND	330	NA	330	NA	330	NA	330
4,6-Dinitro-2-methylphenol	UG/KG	ND	1600	NA	1600	NA	1600	NA	1600
2,4-Dinitrophenol	UG/KG	ND	1600	NA	1600	NA	1600	NA	1600
2,4-Dinitrotoluene	UG/KG	ND	330	NA	330	NA	330	NA	330
2,6-Dinitrotoluene	UG/KG	ND	330	NA	330	NA	330	NA	330
Di-n-octyl phthalate	UG/KG	ND	330	NA	330	NA	330	NA	330
Fluoranthene	UG/KG	ND	330	NA	330	NA	330	NA	330
Fluorene	UG/KG	ND	330	NA	330	NA	330	NA	330

Date: 08/18/2005
Time: 16:13:59

Environmental Strategies Corporation
Ithaca Site - 127491
METHOD 8270 - TCL SEMI-VOLATILE ORGANICS

Rept: AN0326

Client ID Job No Sample Date	Lab ID	S Blank A05-8066	A5B1166402	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	
Hexachlorobenzene	UG/KG	ND	330	NA		NA		NA		NA	
Hexachlorobutadiene	UG/KG	ND	330	NA		NA		NA		NA	
Hexachlorocyclopentadiene	UG/KG	ND	330	NA		NA		NA		NA	
Hexachloroethane	UG/KG	ND	330	NA		NA		NA		NA	
Indeno(1,2,3-cd)pyrene	UG/KG	ND	330	NA		NA		NA		NA	
Isophorone	UG/KG	ND	330	NA		NA		NA		NA	
2-Methylnaphthalene	UG/KG	ND	330	NA		NA		NA		NA	
2-Methylphenol	UG/KG	ND	330	NA		NA		NA		NA	
4-Methylphenol	UG/KG	ND	330	NA		NA		NA		NA	
Naphthalene	UG/KG	22 J	330	NA		NA		NA		NA	
2-Nitroaniline	UG/KG	ND	1600	NA		NA		NA		NA	
3-Nitroaniline	UG/KG	ND	1600	NA		NA		NA		NA	
4-Nitroaniline	UG/KG	ND	1600	NA		NA		NA		NA	
Nitrobenzene	UG/KG	ND	330	NA		NA		NA		NA	
2-Nitrophenol	UG/KG	ND	330	NA		NA		NA		NA	
4-Nitrophenol	UG/KG	ND	1600	NA		NA		NA		NA	
N-nitrosodiphenylamine	UG/KG	ND	330	NA		NA		NA		NA	
N-Nitroso-Di-n-propylamine	UG/KG	ND	330	NA		NA		NA		NA	
Pentachlorophenol	UG/KG	ND	1600	NA		NA		NA		NA	
Phenanthrene	UG/KG	ND	330	NA		NA		NA		NA	
Phenol	UG/KG	ND	330	NA		NA		NA		NA	
Pyrene	UG/KG	ND	330	NA		NA		NA		NA	
2,4,5-Trichlorophenol	UG/KG	ND	790	NA		NA		NA		NA	
2,4,6-Trichlorophenol	UG/KG	ND	330	NA		NA		NA		NA	
---IS/SURROGATE(S)---											
1,4-Dichlorobenzene-D4	%	93	50-200	NA		NA		NA		NA	
Naphthalene-D8	%	93	50-200	NA		NA		NA		NA	
Acenaphthene-D10	%	93	50-200	NA		NA		NA		NA	
Phenanthrene-D10	%	98	50-200	NA		NA		NA		NA	
Chrysene-D12	%	87	50-200	NA		NA		NA		NA	
Perylene-D12	%	94	50-200	NA		NA		NA		NA	
Nitrobenzene-D5	%	65	41-120	NA		NA		NA		NA	
2-Fluorobiphenyl	%	72	50-120	NA		NA		NA		NA	
p-Terphenyl-d14	%	93	53-137	NA		NA		NA		NA	
Phenol-D5	%	70	41-120	NA		NA		NA		NA	
2-Fluorophenol	%	62	33-120	NA		NA		NA		NA	
2,4,6-Tribromophenol	%	80	53-132	NA		NA		NA		NA	

NA = Not Applicable ND = Not Detected

STL Buffalo

Client ID Job No Sample Date	Lab ID	Matrix Spike Blank A5B1166301 A05-8066	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Acenaphthene	UG/L	90	10	NA		NA		NA	
Acenaphthylene	UG/L	89	10	NA		NA		NA	
Acetophenone	UG/L	ND	10	NA		NA		NA	
Anthracene	UG/L	93	10	NA		NA		NA	
Atrazine	UG/L	ND	10	NA		NA		NA	
Benzaldehyde	UG/L	ND	50	NA		NA		NA	
Benzo(a)anthracene	UG/L	100	10	NA		NA		NA	
Benzo(b)fluoranthene	UG/L	110	10	NA		NA		NA	
Benzo(k)fluoranthene	UG/L	86	10	NA		NA		NA	
Benzo(ghi)perylene	UG/L	93	10	NA		NA		NA	
Benzo(a)pyrene	UG/L	97	10	NA		NA		NA	
Benzoic acid	UG/L	ND	150	NA		NA		NA	
Benzyl alcohol	UG/L	76	20	NA		NA		NA	
Biphenyl	UG/L	ND	10	NA		NA		NA	
Bis(2-chloroethoxy) methane	UG/L	90	10	NA		NA		NA	
Bis(2-chloroethyl) ether	UG/L	86	10	NA		NA		NA	
2,2'-oxybis(1-chloropropane)	UG/L	80	10	NA		NA		NA	
Bis(2-ethylhexyl) phthalate	UG/L	100	10	NA		NA		NA	
4-Bromophenyl phenyl ether	UG/L	90	10	NA		NA		NA	
Butyl benzyl phthalate	UG/L	100	10	NA		NA		NA	
4-Chloroaniline	UG/L	90	10	NA		NA		NA	
4-Chloro-3-methylphenol	UG/L	90	10	NA		NA		NA	
2-Chloronaphthalene	UG/L	80	10	NA		NA		NA	
2-Chlorophenol	UG/L	79	10	NA		NA		NA	
4-Chlorophenyl phenyl ether	UG/L	89	10	NA		NA		NA	
Caprolactam	UG/L	ND	10	NA		NA		NA	
Chrysene	UG/L	96	10	NA		NA		NA	
Dibenzo(a,h)anthracene	UG/L	90	10	NA		NA		NA	
Dibenzofuran	UG/L	88	10	NA		NA		NA	
Di-n-butyl phthalate	UG/L	92	10	NA		NA		NA	
1,2-Dichlorobenzene	UG/L	55	10	NA		NA		NA	
1,3-Dichlorobenzene	UG/L	49	10	NA		NA		NA	
1,4-Dichlorobenzene	UG/L	53	10	NA		NA		NA	
3,3'-Dichlorobenzidine	UG/L	100	20	NA		NA		NA	
2,4-Dichlorophenol	UG/L	91	10	NA		NA		NA	
Diethyl phthalate	UG/L	96	10	NA		NA		NA	
2,4-Dimethylphenol	UG/L	86	10	NA		NA		NA	
Dimethyl phthalate	UG/L	94	10	NA		NA		NA	
4,6-Dinitro-2-methylphenol	UG/L	99	50	NA		NA		NA	
2,4-Dinitrophenol	UG/L	90	50	NA		NA		NA	
2,4-Dinitrotoluene	UG/L	100	10	NA		NA		NA	
2,6-Dinitrotoluene	UG/L	99	10	NA		NA		NA	
Di-n-octyl phthalate	UG/L	110	10	NA		NA		NA	

Client ID Job No Sample Date		Lab ID	Matrix Spike Blank A05-8066 A5B1166301							
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	
Fluoranthene	UG/L	97	10	NA		NA		NA		
Fluorene	UG/L	93	10	NA		NA		NA		
Hexachlorobenzene	UG/L	92	10	NA		NA		NA		
Hexachlorobutadiene	UG/L	52	10	NA		NA		NA		
Hexachlorocyclopentadiene	UG/L	62	45	NA		NA		NA		
Hexachloroethane	UG/L	44	10	NA		NA		NA		
Indeno(1,2,3-cd)pyrene	UG/L	92	10	NA		NA		NA		
Isophorone	UG/L	88	10	NA		NA		NA		
2-Methylnaphthalene	UG/L	77	10	NA		NA		NA		
2-Methylphenol	UG/L	74	10	NA		NA		NA		
4-Methylphenol	UG/L	73	10	NA		NA		NA		
Naphthalene	UG/L	76	10	NA		NA		NA		
2-Nitroaniline	UG/L	97	50	NA		NA		NA		
3-Nitroaniline	UG/L	94	50	NA		NA		NA		
4-Nitroaniline	UG/L	100	50	NA		NA		NA		
Nitrobenzene	UG/L	85	10	NA		NA		NA		
2-Nitrophenol	UG/L	90	10	NA		NA		NA		
4-Nitrophenol	UG/L	ND	50	NA		NA		NA		
N-Nitrosodiphenylamine	UG/L	56	10	NA		NA		NA		
N-Nitroso-di-n-propylamine	UG/L	92	10	NA		NA		NA		
Pentachlorophenol	UG/L	80	50	NA		NA		NA		
Phenanthrene	UG/L	94	10	NA		NA		NA		
Phenol	UG/L	37	10	NA		NA		NA		
Pyrene	UG/L	100	10	NA		NA		NA		
1,2,4-Trichlorobenzene	UG/L	64	10	NA		NA		NA		
2,4,5-Trichlorophenol	UG/L	94	10	NA		NA		NA		
2,4,6-Trichlorophenol	UG/L	94	10	NA		NA		NA		
---IS/SURROGATE(S)---										
1,4-Dichlorobenzene-D4	%	84	50-200	NA		NA		NA		
Naphthalene-D8	%	86	50-200	NA		NA		NA		
Acenaphthene-D10	%	86	50-200	NA		NA		NA		
Phenanthrene-D10	%	88	50-200	NA		NA		NA		
Chrysene-D12	%	79	50-200	NA		NA		NA		
Perylene-D12	%	87	50-200	NA		NA		NA		
Nitrobenzene-D5	%	86	52-120	NA		NA		NA		
2-Fluorobiphenyl	%	85	21-120	NA		NA		NA		
p-Terphenyl-d14	%	98	36-138	NA		NA		NA		
Phenol-D5	%	31	13-120	NA		NA		NA		
2-Fluorophenol	%	47	21-120	NA		NA		NA		
2,4,6-Tribromophenol	%	89	62-133	NA		NA		NA		

Date: 08/18/2005
Time: 16:13:59

Environmental Strategies Corporation
Ithaca site - 127491
METHOD 8270 - TCL SEMI-VOLATILE ORGANICS

Rept: AN0326

45/87

Client ID Job No Sample Date	Lab ID	Matrix Spike Blank A05-8066 A5B1166401	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value
Acenaphthene	ug/kg	2900	330	NA		NA		NA
Acenaphthylene	ug/kg	2800	330	NA		NA		NA
Acetophenone	ug/kg	ND	330	NA		NA		NA
Anthracene	ug/kg	3000	330	NA		NA		NA
Atrazine	ug/kg	ND	330	NA		NA		NA
Benzaldehyde	ug/kg	ND	330	NA		NA		NA
Benzo(a)anthracene	ug/kg	3100	330	NA		NA		NA
Benzo(b)fluoranthene	ug/kg	3200	330	NA		NA		NA
Benzo(k)fluoranthene	ug/kg	3000	330	NA		NA		NA
Benzo(ghi)perylene	ug/kg	3600	330	NA		NA		NA
Benzo(a)pyrene	ug/kg	3100	330	NA		NA		NA
Benzoic acid	ug/kg	6400	4800	NA		NA		NA
Benzyl alcohol	ug/kg	2700	330	NA		NA		NA
Biphenyl	ug/kg	ND	330	NA		NA		NA
Bis(2-chloroethoxy) methane	ug/kg	2500	330	NA		NA		NA
Bis(2-chloroethyl) ether	ug/kg	2200	330	NA		NA		NA
2,2'-oxybis(1-chloropropane)	ug/kg	2300	330	NA		NA		NA
Bis(2-ethylhexyl) phthalate	ug/kg	2900	330	NA		NA		NA
4-Bromophenyl phenyl ether	ug/kg	3000	330	NA		NA		NA
Butyl benzyl phthalate	ug/kg	2900	330	NA		NA		NA
Caprolactam	ug/kg	ND	330	NA		NA		NA
4-chloroaniline	ug/kg	2600	330	NA		NA		NA
4-chloro-3-methylphenol	ug/kg	3000	330	NA		NA		NA
2-chloronaphthalene	ug/kg	2600	330	NA		NA		NA
2-chlorophenol	ug/kg	2200	330	NA		NA		NA
4-chlorophenyl phenyl ether	ug/kg	2900	330	NA		NA		NA
Carbazole	ug/kg	3100	330	NA		NA		NA
Chrysene	ug/kg	3200	330	NA		NA		NA
Dibenzo(a,h)anthracene	ug/kg	3500	330	NA		NA		NA
Dibenzofuran	ug/kg	2800	330	NA		NA		NA
Di-n-butyl phthalate	ug/kg	2900	330	NA		NA		NA
3,3'-Dichlorobenzidine	ug/kg	2900	330	NA		NA		NA
2,4-Dichlorophenol	ug/kg	2700	330	NA		NA		NA
Diethyl phthalate	ug/kg	2900	330	NA		NA		NA
2,4-Dimethylphenol	ug/kg	2600	330	NA		NA		NA
Dimethyl phthalate	ug/kg	2900	330	NA		NA		NA
4,6-Dinitro-2-methylphenol	ug/kg	3100	1600	NA		NA		NA
2,4-Dinitrophenol	ug/kg	3000	1600	NA		NA		NA
2,6-Dinitrotoluene	ug/kg	3000	330	NA		NA		NA
Di-n-octyl phthalate	ug/kg	3000	330	NA		NA		NA
Fluoranthene	ug/kg	3300	330	NA		NA		NA
Fluorene	ug/kg	3000	330	NA		NA		NA

NA = Not Applicable ND = Not Detected

STL Buffalo

Date: 08/18/2005
Time: 16:13:59

Environmental Strategies Corporation
Ithaca Site - 127491
METHOD 8270 - TCL SEMI-VOLATILE ORGANICS

Rept: AN0326

Client ID Job No Sample Date	Lab ID	Matrix Spike Blank A05-8066 A5B1166401	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Hexachlorobenzene	UG/KG	3100	330	NA		NA		NA	
Hexachlorobutadiene	UG/KG	2200	330	NA		NA		NA	
Hexachlorocyclopentadiene	UG/KG	1800	330	NA		NA		NA	
Hexachloroethane	UG/KG	1900	330	NA		NA		NA	
Indeno(1,2,3-cd)pyrene	UG/KG	3600	330	NA		NA		NA	
Isophorone	UG/KG	2600	330	NA		NA		NA	
2-Methylnaphthalene	UG/KG	2500	330	NA		NA		NA	
2-Methylphenol	UG/KG	2600	330	NA		NA		NA	
4-Methylphenol	UG/KG	2700	330	NA		NA		NA	
Naphthalene	UG/KG	2400 B	330	NA		NA		NA	
2-Nitroaniline	UG/KG	3000	1600	NA		NA		NA	
3-Nitroaniline	UG/KG	3100	1600	NA		NA		NA	
4-Nitroaniline	UG/KG	3200	1600	NA		NA		NA	
Nitrobenzene	UG/KG	2400	330	NA		NA		NA	
2-Nitrophenol	UG/KG	2400	330	NA		NA		NA	
4-Nitrophenol	UG/KG	3000	1600	NA		NA		NA	
N-nitrosodiphenylamine	UG/KG	1800	330	NA		NA		NA	
N-Nitroso-Di-n-propylamine	UG/KG	2600	330	NA		NA		NA	
Pentachlorophenol	UG/KG	3300	1600	NA		NA		NA	
Phenanthrene	UG/KG	3100	330	NA		NA		NA	
Phenol	UG/KG	2400	330	NA		NA		NA	
Pyrene	UG/KG	3100	330	NA		NA		NA	
2,4,5-Trichlorophenol	UG/KG	2900	800	NA		NA		NA	
2,4,6-Trichlorophenol	UG/KG	2900	330	NA		NA		NA	
IS/SURROGATE(S)									
1,4-Dichlorobenzene-D4	%	91	50-200	NA		NA		NA	
Naphthalene-D8	%	92	50-200	NA		NA		NA	
Acenaphthene-D10	%	94	50-200	NA		NA		NA	
Phenanthrene-D10	%	93	50-200	NA		NA		NA	
Chrysene-D12	%	94	50-200	NA		NA		NA	
Perylene-D12	%	101	50-200	NA		NA		NA	
Nitrobenzene-D5	%	70	41-120	NA		NA		NA	
2-Fluorobiphenyl	%	78	50-120	NA		NA		NA	
p-Terphenyl-D14	%	92	53-137	NA		NA		NA	
Phenol-D5	%	72	41-120	NA		NA		NA	
2-Fluorophenol	%	62	33-120	NA		NA		NA	
2,4,6-Tribromophenol	%	98	53-132	NA		NA		NA	

NA = Not Applicable ND = Not Detected

STL Buffalo

Client ID Job No Sample Date	Lab ID	Method Blank A05-8066		A5B1170302							
		Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Aroclor 1016			UG/KG	ND	16	NA		NA		NA	
Aroclor 1221			UG/KG	ND	16	NA		NA		NA	
Aroclor 1232			UG/KG	ND	16	NA		NA		NA	
Aroclor 1242			UG/KG	ND	16	NA		NA		NA	
Aroclor 1248			UG/KG	ND	16	NA		NA		NA	
Aroclor 1254			UG/KG	ND	16	NA		NA		NA	
Aroclor 1260			UG/KG	ND	16	NA		NA		NA	
SURROGATE(S)											
Tetrachloro-m-xylene			%	87	32-148	NA		NA		NA	
Decachlorobiphenyl			%	94	36-153	NA		NA		NA	

Date: 08/18/2005
Time: 16:14:06

Environmental Strategies Corporation
Ithaca Site - 127491
ESC - METHOD 8082 - POLYCHLORINATED BIPHENYLS - W

Rept: AN0326

Client ID Job No Sample Date	Lab ID	Method Blank A05-8066	A5B1163302	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Aroclor 1016	UG/L	ND	0.50	NA		NA		NA	
Aroclor 1221	UG/L	ND	0.50	NA		NA		NA	
Aroclor 1232	UG/L	ND	0.50	NA		NA		NA	
Aroclor 1242	UG/L	ND	0.50	NA		NA		NA	
Aroclor 1248	UG/L	ND	0.50	NA		NA		NA	
Aroclor 1254	UG/L	ND	0.50	NA		NA		NA	
Aroclor 1260	UG/L	ND	0.50	NA		NA		NA	
SURROGATE(S)									
Tetrachloro-m-xylene	%	74	36-132	NA		NA		NA	
Decachlorobiphenyl	%	56	28-132	NA		NA		NA	

Date: 08/18/2005
Time: 16:14:06

Environmental Strategies Corporation
Ithaca Site - 127491
ESC - METHOD 8082 - POLYCHLORINATED BIPHENYLS - S

Rept: AN0326

Client ID Job No Sample Date	Lab ID	HA-RD-40-0-1 A05-8066 07/28/2005	A5806602MS	HA-RD-40-0-1 A05-8066 07/28/2005	A5806602SD	Matrix Spike Blank A05-8066 A5B1170301	Reporting Limit	Sample Value
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value
Aroclor 1016	UG/KG	190	21	170	18	140	16	NA
Aroclor 1221	UG/KG	ND	21	ND	18	ND	16	NA
Aroclor 1232	UG/KG	ND	21	ND	18	ND	16	NA
Aroclor 1242	UG/KG	ND	21	ND	18	ND	16	NA
Aroclor 1248	UG/KG	ND	21	ND	18	ND	16	NA
Aroclor 1254	UG/KG	ND	21	ND	18	ND	16	NA
Aroclor 1260	UG/KG	210	21	440	18	150	16	NA
SURROGATE(S)								
Tetrachloro-m-xylene	%	88	32-148	85	32-148	82	32-148	NA
Decachlorobiphenyl	%	113	36-153	98	36-153	91	36-153	NA

49/87

Client ID Job No Sample Date		Lab ID	Matrix Spike Blank A05-8066 A5B1163301							
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Reporting Limit
Aroclor 1016	UG/L	4.4	0.50	NA		NA		NA		
Aroclor 1221	UG/L	ND	0.50	NA		NA		NA		
Aroclor 1232	UG/L	ND	0.50	NA		NA		NA		
Aroclor 1242	UG/L	ND	0.50	NA		NA		NA		
Aroclor 1248	UG/L	ND	0.50	NA		NA		NA		
Aroclor 1254	UG/L	ND	0.50	NA		NA		NA		
Aroclor 1260	UG/L	3.7	0.50	NA		NA		NA		
SURROGATE(S)										
Tetrachloro-m-xylene	%	79	36-132	NA		NA		NA		
Decachlorobiphenyl	%	54	28-132	NA		NA		NA		

Date: 08/18/2005
Time: 16:14:15

Environmental Strategies Corporation
Ithaca Site - 127491
TOTAL TAL METALS

Rept: AN0326

Client ID Job No Sample Date	Lab ID	Method Blank A05-8066	Reporting Limit	Method Blank A05-8066	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Aluminum - Total	MG/KG	ND	10	NA		NA		NA	
Antimony - Total	MG/KG	ND	15.0	NA		NA		NA	
Iron - Total	MG/KG	ND	10	NA		NA		NA	
Zinc - Total	MG/KG	ND	2.0	NA		NA		NA	
Silver - Total	MG/KG	ND	0.50	NA		NA		NA	
Lead - Total	MG/KG	ND	1.0	NA		NA		NA	
Barium - Total	MG/KG	ND	0.50	NA		NA		NA	
Arsenic - Total	MG/KG	ND	2.0	NA		NA		NA	
Beryllium - Total	MG/KG	ND	0.20	NA		NA		NA	
Cadmium - Total	MG/KG	ND	0.20	NA		NA		NA	
Mercury - Total	MG/KG	NA		ND	0.020				
Calcium - Total	MG/KG	ND	50.0	NA		NA		NA	
Chromium - Total	MG/KG	ND	0.50	NA		NA		NA	
Cobalt - Total	MG/KG	ND	0.50	NA		NA		NA	
Copper - Total	MG/KG	ND	1.0	NA		NA		NA	
Magnesium - Total	MG/KG	ND	20.0	NA		NA		NA	
Manganese - Total	MG/KG	ND	0.20	NA		NA		NA	
Nickel - Total	MG/KG	ND	0.50	NA		NA		NA	
Potassium - Total	MG/KG	ND	30.0	NA		NA		NA	
Selenium - Total	MG/KG	ND	4.0	NA		NA		NA	
Sodium - Total	MG/KG	ND	140	NA		NA		NA	
Thallium - Total	MG/KG	ND	6.0	NA		NA		NA	
Vanadium - Total	MG/KG	ND	0.50	NA		NA		NA	

51/87

NA = Not Applicable ND = Not Detected

STL Buffalo

Date: 08/18/2005
Time: 16:14:15

Environmental Strategies Corporation
Ithaca Site - 127491
TOTAL TAL METALS

Rept: AN0326

Client ID	Lab ID	Units	Method Blank A05-8066	Reporting Limit	Sample Value	Method Blank A05-8066	Reporting Limit	Sample Value	Reporting Limit	Sample Value
Selenium - Total		MG/L	ND	0.015	NA	ND	0.00020	NA		NA
Copper - Total		MG/L	ND	0.010	NA	NA		NA		NA
Cobalt - Total		MG/L	ND	0.0040	NA	NA		NA		NA
Chromium - Total		MG/L	ND	0.0040	NA	NA		NA		NA
Calcium - Total		MG/L	ND	0.50	NA	NA		NA		NA
Barium - Total		MG/L	ND	0.0020	NA	NA		NA		NA
Mercury - Total		MG/L	NA		ND	ND		NA		NA
Arsenic - Total		MG/L	ND	0.010	NA	NA		NA		NA
Aluminum - Total		MG/L	ND	0.20	NA	NA		NA		NA
Antimony - Total		MG/L	ND	0.020	NA	NA		NA		NA
Cadmium - Total		MG/L	ND	0.0010	NA	NA		NA		NA
Beryllium - Total		MG/L	ND	0.0020	NA	NA		NA		NA
Silver - Total		MG/L	ND	0.0030	NA	NA		NA		NA
Iron - Total		MG/L	ND	0.050	NA	NA		NA		NA
Lead - Total		MG/L	ND	0.0050	NA	NA		NA		NA
Magnesium - Total		MG/L	ND	0.20	NA	NA		NA		NA
Manganese - Total		MG/L	ND	0.0030	NA	NA		NA		NA
Nickel - Total		MG/L	ND	0.010	NA	NA		NA		NA
Potassium - Total		MG/L	ND	0.50	NA	NA		NA		NA
Sodium - Total		MG/L	ND	1.0	NA	NA		NA		NA
Thallium - Total		MG/L	ND	0.020	NA	NA		NA		NA
Vanadium - Total		MG/L	ND	0.0050	NA	NA		NA		NA
Zinc - Total		MG/L	ND	0.020	NA	NA		NA		NA

52/87

NA = Not Applicable ND = Not Detected

STL Buffalo

Date: 08/18/2005
Time: 16:14:15

Environmental Strategies Corporation
Ithaca Site - 127491
TOTAL TAL METALS

Rept: AN0326

Client ID Job No Sample Date	Lab ID	HA-RD-3-0-0-0.5 A05-8066 07/28/2005	A5806603MS Reporting Limit	HA-RD-3-0-0-0.5 A05-8066 07/28/2005	A5806603SD Reporting Limit	LCS A05-8066	A5B1176801 Reporting Limit	LCS CLP Soils A05-8066	A5B1153501 Reporting Limit
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Aluminum - Total	MG/KG	10400	11.9	11600	11.8	NA		5670	10
Antimony - Total	MG/KG	ND	17.9	ND	17.8	NA		49.0	15.0
Arsenic - Total	MG/KG	26.7	2.4	27.8	2.4	NA		158	2.0
Barium - Total	MG/KG	114	0.60	123	0.59	NA		192	0.50
Beryllium - Total	MG/KG	21.4	0.24	22.0	0.24	NA		71.2	0.20
Cadmium - Total	MG/KG	21.3	0.24	21.9	0.24	NA		111	0.20
Calcium - Total	MG/KG	32800	59.5	18100	59.3	NA		3350	50.0
Chromium - Total	MG/KG	35.3	0.60	38.8	0.59	NA		97.4	0.50
Cobalt - Total	MG/KG	29.2	1.2	31.2	1.2	NA		109	0.50
Copper - Total	MG/KG	45.7	1.2	48.1	1.2	NA		84.1	1.0
Iron - Total	MG/KG	18900	11.9	22600	11.8	NA		7840	10
Lead - Total	MG/KG	76.1	1.2	87.0	1.2	NA		131	1.0
Magnesium - Total	MG/KG	6940	23.8	6720	23.7	NA		1920	20.0
Manganese - Total	MG/KG	488	0.24	518	0.24	NA		258	0.20
Mercury - Total	MG/KG	0.25	0.021	0.24	0.021	1.3	0.11	NA	
Nickel - Total	MG/KG	39.9	0.60	42.5	0.59	NA		60.1	0.50
Potassium - Total	MG/KG	2160	35.7	2220	35.6	NA		1970	30.0
Selenium - Total	MG/KG	20.8	4.8	21.5	4.7	NA		139	4.0
Silver - Total	MG/KG	5.5	0.60	5.6	0.59	NA		119	0.50
Sodium - Total	MG/KG	1370	167	1410	166	NA		743	140
Thallium - Total	MG/KG	20.8	7.1	21.1	7.1	NA		113	6.0
Vanadium - Total	MG/KG	36.1	0.60	37.6	0.59	NA		76.3	0.50
Zinc - Total	MG/KG	129	2.4	148	2.4	NA		196	2.0

NA = Not Applicable ND = Not Detected

STL Buffalo

53/87

Date: 08/18/2005
Time: 16:14:15

Environmental Strategies Corporation
Ithaca Site - 127491
TOTAL TAL METALS

Rept: AN0326

Client ID Job No Sample Date		Lab ID		LCS A05-8066		A5B1162601		LFB A05-8066		A5B1158301		Reporting Limit		Sample Value		Reporting Limit		Sample Value		Reporting Limit	
Analyte				Units		Sample Value		Reporting Limit		Sample Value		Reporting Limit		Sample Value		Reporting Limit		Sample Value		Reporting Limit	
Mercury - Total				MG/L		0.0029		0.00020		NA		1.0		NA				NA			
Sodium - Total				MG/L		NA				9.4		0.50		NA				NA			
Potassium - Total				MG/L		NA				9.8		0.0040		NA				NA			
Chromium - Total				MG/L		NA				0.19		0.0020		NA				NA			
Beryllium - Total				MG/L		NA				0.18		0.0020		NA				NA			
Barium - Total				MG/L		NA				0.21		0.0020		NA				NA			
Zinc - Total				MG/L		NA				0.19		0.020		NA				NA			
Arsenic - Total				MG/L		NA				0.19		0.010		NA				NA			
Aluminum - Total				MG/L		NA				10		0.20		NA				NA			
Antimony - Total				MG/L		NA				0.20		0.020		NA				NA			
Cadmium - Total				MG/L		NA				0.20		0.0010		NA				NA			
Calcium - Total				MG/L		NA				9.7		0.50		NA				NA			
Silver - Total				MG/L		NA				0.050		0.0030		NA				NA			
Cobalt - Total				MG/L		NA				0.19		0.0040		NA				NA			
Copper - Total				MG/L		NA				0.18		0.010		NA				NA			
Iron - Total				MG/L		NA				9.7		0.050		NA				NA			
Lead - Total				MG/L		NA				0.19		0.0050		NA				NA			
Magnesium - Total				MG/L		NA				9.2		0.20		NA				NA			
Manganese - Total				MG/L		NA				0.18		0.0030		NA				NA			
Nickel - Total				MG/L		NA				0.19		0.010		NA				NA			
Selenium - Total				MG/L		NA				0.20		0.015		NA				NA			
Thallium - Total				MG/L		NA				0.20		0.020		NA				NA			
Vanadium - Total				MG/L		NA				0.19		0.0050		NA				NA			

54/87

NA = Not Applicable ND = Not Detected

STL Buffalo

Client Sample ID: VBLK32 MSB32
 Lab Sample ID: A5B1189602 A5B1189601

Analyte	Units of Measure	Blank Spike	Concentration Spike Amount	% Recovery Blank Spike	QC LIMITS
ENV - METHOD 8260 - TCL VOLATILE ORGANIC					
1,1-Dichloroethene	UG/KG	49.1	50.0	98	65-146
Trichloroethene	UG/KG	51.2	50.0	102	74-127
Benzene	UG/KG	50.5	50.0	101	74-128
Toluene	UG/KG	52.2	50.0	104	74-123
Chlorobenzene	UG/KG	60.0	50.0	120	76-124

* Indicates Result is outside QC Limits
 NC = Not Calculated ND = Not Detected

Client Sample ID: VBLK55
Lab Sample ID: A5B1194002

M8B55
A5B1194001

Analyte	Units of Measure	Concentration		% Recovery Blank Spike	QC LIMITS
		Blank Spike	Spike Amount		
METHOD 8260 - TCL VOLATILE ORGANICS					
1,1-Dichloroethene	UG/L	11.7	10.0	117	65-142
Trichloroethene	UG/L	11.4	10.0	114	71-120
Benzene	UG/L	10.8	10.0	108	67-126
Toluene	UG/L	10.5	10.0	105	69-120
Chlorobenzene	UG/L	10.5	10.0	105	73-120

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Client Sample ID: s Blank Matrix Spike Blank
Lab Sample ID: A5B1166302 A5B1166301

Analyte	Units of Measure	Blank Spike	Concentration Spike Amount	% Recovery Blank Spike	QC LIMITS
ESC - 8270 - TCL SEMI-VOLATILE ORGANICS					
Phenol	UG/L	36.9	100	37	16-120
2-Chlorophenol	UG/L	79.1	100	79	42-120
1,4-Dichlorobenzene	UG/L	53.0	100	53	28-120
N-Nitroso-Di-n-propylamine	UG/L	91.5	100	92	53-120
1,2,4-Trichlorobenzene	UG/L	64.5	100	64	36-120
4-Chloro-3-methylphenol	UG/L	90.5	100	90	54-131
Acenaphthene	UG/L	90.5	100	90	55-120
4-Nitrophenol	UG/L	41.0	100	41	11-120
2,4-Dinitrotoluene	UG/L	99.6	100	100	53-125
Pentachlorophenol	UG/L	79.7	100	80	33-143
Pyrene	UG/L	102	100	102	50-151

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Client Sample ID: S Blank
Lab Sample ID: A5B1166402

Matrix Spike Blank
A5B1166401

Analyte	Units of Measure	Concentration		% Recovery Blank Spike	QC LIMITS
		Blank Spike	Spike Amount		
METHOD 8270 - TCL SEMI-VOLATILE ORGANICS					
Phenol	UG/KG	2436	3331	73	35-120
2-Chlorophenol	UG/KG	2237	3331	67	34-118
N-Nitroso-Di-n-propylamine	UG/KG	2576	3331	77	52-120
4-Chloro-3-methylphenol	UG/KG	2980	3331	89	45-135
Acenaphthene	UG/KG	2892	3331	87	57-120
4-Nitrophenol	UG/KG	3038	3331	91	42-137
2,4-Dinitrotoluene	UG/KG	2955	3331	89	51-126
Pentachlorophenol	UG/KG	3276	3331	98	37-143
Pyrene	UG/KG	3079	3331	92	56-155

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Date : 08/18/2005 16:14:30

SAMPLE DATE 07/28/2005

Rept: AN0364

Client Sample ID: HA-RD-40-O-1
Lab Sample ID: A5806602

HA-RD-40-O-1
A5806602MS

HA-RD-40-O-1
A5806602SD

Analyte	Units of Measure	Sample	Concentration			Spike Amount		% Recovery			% RPD	QC LIMITS	
			Matrix Spike	Spike Duplicate	MS	MS	MSD	MS	MSD	Avg		RPD	REC.
ESC - METHOD 8082 - POLYCHLORINATED BIPH Aroclor 1260 Aroclor 1016	UG/KG	0	212	444	210	184	241 *	101	90	171	82 *	35.0	41-139
	UG/KG	0	191	166	210	184	90	91		91	1	35.0	39-131

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

59/87

STL Buffalo

Client Sample ID: Method Blank Matrix Spike Blank
Lab Sample ID: A5B1163302 A5B1163301

Analyte	Units of Measure	Blank Spike	Concentration Spike Amount	% Recovery Blank Spike	QC LIMITS
ESC - METHOD 8082 - POLYCHLORINATED BIPH					
Aroclor 1260	UG/L	3.69	5.00	74	50-122
Aroclor 1016	UG/L	4.37	5.00	88	29-123

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Client Sample ID: Method Blank Matrix Spike Blank
Lab Sample ID: A5B1170302 A5B1170301

Analyte	Units of Measure	Concentration		% Recovery Blank Spike	QC LIMITS
		Blank Spike	Spike Amount		
ESC - METHOD 8082 - POLYCHLORINATED BIPH Aroclor 1260 Aroclor 1016	UG/KG	154	162	95	41-139
	UG/KG	145	162	89	39-131

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Client Sample ID: HA-RD-3-0-0-0.5 HA-RD-3-0-0-0.5
 Lab Sample ID: A5806603 A5806603MS A5806603SD

Analyte	Units of Measure	Sample	Concentration			Spike Amount		% Recovery		% RPD	QC LIMITS	
			Matrix Spike	Spike Duplicate	MS	MSD	MS	MSD	Avg		RPD	REC.
TOTAL TAL METALS												
TOTAL ALUMINUM	MG/KG	9675	10446	11624	1190	1185	65 *	164 *	115	86 *	20.0	75-125
TOTAL ANTIMONY	MG/KG	0.188	10.43	10.02	23.81	23.71	43 *	41 *	42	5	20.0	75-125
TOTAL ARSENIC	MG/KG	6.01	26.74	27.77	23.81	23.71	87	92	90	6	20.0	75-125
TOTAL BARIUM	MG/KG	97.74	113.8	123.0	23.81	23.71	68 *	106 *	87	44 *	20.0	75-125
TOTAL BERYLLIUM	MG/KG	0.413	21.38	21.96	23.81	23.71	88	91	90	3	20.0	75-125
TOTAL CADMIUM	MG/KG	0.531	21.26	21.88	23.81	23.71	87	90	89	3	20.0	75-125
TOTAL CALCIUM	MG/KG	21721	32838	18129	1190	1185	934 *	-303 *	316	392 *	20.0	75-125
TOTAL CHROMIUM	MG/KG	14.95	35.32	38.82	23.81	23.71	86	101	94	16	20.0	75-125
TOTAL COBALT	MG/KG	8.32	29.22	31.21	23.81	23.71	88	96	92	9	20.0	75-125
TOTAL COPPER	MG/KG	24.63	45.69	48.06	23.81	23.71	88	99	94	12	20.0	75-125
TOTAL IRON	MG/KG	18681	18935	22570	1190	1185	21 *	328 *	175	176 *	20.0	75-125
TOTAL LEAD	MG/KG	57.83	76.14	86.96	23.81	23.71	77	123	100	46 *	20.0	75-125
TOTAL MAGNESIUM	MG/KG	5584	6940	6722	1190	1185	114	96	105	17	20.0	75-125
TOTAL MANGANESE	MG/KG	479.1	487.6	518.3	23.81	23.71	36 *	165 *	101	128 *	20.0	75-125
TOTAL MERCURY	MG/KG	0.0481	0.251	0.245	0.177	0.174	114	113	114	0.	20.0	80-120
TOTAL NICKEL	MG/KG	19.14	39.88	42.52	23.81	23.71	87	98	93	12	20.0	75-125
TOTAL POTASSIUM	MG/KG	1028	2158	2225	1190	1185	95	101	98	6	20.0	75-125
TOTAL SELENIUM	MG/KG	1.18	20.76	21.46	23.81	23.71	82	86	84	5	20.0	75-125
TOTAL SILVER	MG/KG	0.0354	5.46	5.57	5.95	5.92	91	93	92	2	20.0	75-125
TOTAL SODIUM	MG/KG	270.2	1367	1408	1190	1185	92	96	94	4	20.0	75-125
TOTAL THALLIUM	MG/KG	0	20.75	21.09	23.81	23.71	87	89	88	2	20.0	75-125
TOTAL VANADIUM	MG/KG	15.05	36.14	37.65	23.81	23.71	88	95	92	8	20.0	75-125
TOTAL ZINC	MG/KG	103.8	129.0	147.8	23.81	23.71	106	186 *	146	55 *	20.0	75-125

62/87

* Indicates Result is outside QC Limits
 NC = Not Calculated ND = Not Detected

Client Sample ID: Method Blank
 Lab Sample ID: A5B1153502

LCS CLP Soils
 A5B1153501

Analyte	Units of Measure	Concentration		% Recovery Blank Spike	QC LIMITS
		Blank Spike	Spike Amount		
TOTAL TAL METALS					
TOTAL ALUMINUM	MG/KG	5671	7090	80	80-120
TOTAL ANTIMONY	MG/KG	49.03	67.40	73 *	80-120
TOTAL ARSENIC	MG/KG	158.0	187.0	84	80-120
TOTAL BARIUM	MG/KG	191.7	228.0	84	80-120
TOTAL BERYLLIUM	MG/KG	71.23	78.10	91	80-120
TOTAL CADMIUM	MG/KG	110.7	125.0	89	80-120
TOTAL CALCIUM	MG/KG	3354	3700	91	80-120
TOTAL CHROMIUM	MG/KG	97.37	112.0	87	80-120
TOTAL COBALT	MG/KG	109.0	120.0	91	80-120
TOTAL COPPER	MG/KG	84.08	90.10	93	80-120
TOTAL IRON	MG/KG	7845	11400	69 *	80-120
TOTAL LEAD	MG/KG	130.8	152.0	86	80-120
TOTAL MAGNESIUM	MG/KG	1916	2230	86	80-120
TOTAL MANGANESE	MG/KG	257.9	300.0	86	80-120
TOTAL NICKEL	MG/KG	60.11	66.60	90	80-120
TOTAL POTASSIUM	MG/KG	1971	2140	92	80-120
TOTAL SELENIUM	MG/KG	138.8	163.0	85	80-120
TOTAL SILVER	MG/KG	119.2	125.0	95	80-120
TOTAL SODIUM	MG/KG	743.4	816.0	89	80-120
TOTAL THALLIUM	MG/KG	112.7	122.0	92	80-120
TOTAL VANADIUM	MG/KG	76.32	95.40	80	80-120
TOTAL ZINC	MG/KG	195.9	232.0	84	80-120

* Indicates Result is outside QC Limits
 NC = Not Calculated ND = Not Detected

LFB
A5B1158301

Analyte	Units of Measure	Concentration		Spike Amount	% Recovery Blank Spike	QC LIMITS
		Blank Spike				
TOTAL TAL METALS	MG/L	10.02		10.0	100	80-120
TOTAL ALUMINUM	MG/L	0.205		0.200	103	80-120
TOTAL ANTIMONY	MG/L	0.190		0.200	94	80-120
TOTAL ARSENIC	MG/L	0.212		0.200	106	80-120
TOTAL BARIUM	MG/L	0.184		0.200	92	80-120
TOTAL BERYLLIUM	MG/L	0.198		0.200	99	80-120
TOTAL CADMIUM	MG/L	9.67		10.0	96	80-120
TOTAL CALCIUM	MG/L	0.190		0.200	95	80-120
TOTAL CHROMIUM	MG/L	0.193		0.200	97	80-120
TOTAL COBALT	MG/L	0.185		0.200	93	80-120
TOTAL COPPER	MG/L	9.74		10.0	97	80-120
TOTAL IRON	MG/L	0.189		0.200	95	80-120
TOTAL LEAD	MG/L	9.21		10.0	92	80-120
TOTAL MAGNESIUM	MG/L	0.183		0.200	92	80-120
TOTAL MANGANESE	MG/L	0.193		0.200	97	80-120
TOTAL NICKEL	MG/L	9.85		10.0	97	80-120
TOTAL POTASSIUM	MG/L	0.195		0.200	98	80-120
TOTAL SELENIUM	MG/L	0.0498		0.0500	98	80-120
TOTAL SILVER	MG/L	9.42		10.0	94	80-120
TOTAL SODIUM	MG/L	0.204		0.200	102	80-120
TOTAL THALLIUM	MG/L	0.193		0.200	97	80-120
TOTAL VANADIUM	MG/L	0.186		0.200	93	80-120
TOTAL ZINC	MG/L					

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Client Sample ID: Method Blank LCS
Lab Sample ID: A5B1162602 A5B1162601

Analyte	Units of Measure	Concentration		% Recovery Blank Spike	QC LIMITS
		Blank Spike	Spike Amount		
TOTAL TAL METALS TOTAL MERCURY	MG/L	0.00293	0.00333	88	80-120

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Client sample ID: Method Blank
Lab sample ID: A5B1176802

LCS
A5B1176801

Analyte	Units of Measure	Concentration		% Recovery Blank Spike	QC LIMITS
		Blank Spike	Spike Amount		
TOTAL TAL METALS TOTAL MERCURY	MG/KG	1.30	1.80	72 *	80-120

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

METHOD 8260 - TCL VOLATILE ORGANICS

Client Sample ID Job No & Lab Sample ID	EB072805 A05-8066 A5806607	HA-RD-1-0-0.5 A05-8066 A5806605	HA-RD-2-0-0.5 A05-8066 A5806604	HA-RD-3-0-0-0.5 A05-8066 A5806603	HA-RD-4-0-1 A05-8066 A5806601
Sample Date Received Date Extraction Date Analysis Date Extraction HT Met? Analytical HT Met? Sample Matrix Dilution Factor Sample wt/vol % Dry	07/28/2005 13:10 07/29/2005 08:45 08/05/2005 02:14 - YES WATER 1.0 0.025 LITERS	NA	NA	NA	NA

ENV - METHOD 8260 - TCL VOLATILE ORGANICS - S

Client Sample ID Job No & Lab Sample ID	EB072805 A05-8066 A5806607	HA-RD-1-0-0.5 A05-8066 A5806605	HA-RD-2-0-0.5 A05-8066 A5806604	HA-RD-3-0-0-0.5 A05-8066 A5806603	HA-RD-4-0-1 A05-8066 A5806601
Sample Date Received Date Extraction Date Analysis Date Extraction HT Met? Analytical HT Met? Sample Matrix Dilution Factor Sample wt/vol % Dry	NA 07/28/2005 11:45 07/29/2005 08:45 08/04/2005 19:18 - YES SOIL 1.0 5.12 GRAMS 90.16	07/28/2005 11:45 07/29/2005 08:45 08/04/2005 18:48 - YES SOIL 1.0 5.15 GRAMS 91.89	07/28/2005 10:40 07/29/2005 08:45 08/04/2005 18:19 - YES SOIL 1.0 5.16 GRAMS 87.66	07/28/2005 09:40 07/29/2005 08:45 08/04/2005 18:19 - YES SOIL 1.0 5.12 GRAMS 78.11	07/28/2005 08:20 07/29/2005 08:45 08/04/2005 17:20 - YES SOIL 1.0 5.12 GRAMS 78.11

Date: 08/18/2005
Time: 16:14:44

ENVIRONMENTAL STRATEGIES CORPORATION
SAMPLE CHRONOLOGY

Rept: AN0374
Page: 2

ENV - METHOD 8260 - TCL VOLATILE ORGANICS - S

Job No & Lab Sample ID	Client Sample ID	HA-RD-40-0-1 A05-8066 A5806602	HA-RD-5-0-0.5 A05-8066 A5806606		
Sample Date	07/28/2005 08:40	07/28/2005 08:40	07/28/2005 12:40		
Received Date	07/29/2005 08:45	07/29/2005 08:45	07/29/2005 08:45		
Extraction Date	08/04/2005 17:49	08/04/2005 19:48	08/04/2005 19:48		
Extraction HT Met?	YES	YES	YES		
Analytical HT Met?	SOIL	SOIL	SOIL		
Sample Matrix	LOW	LOW	LOW		
Dilution Factor	1.0	1.0	1.0		
Sample wt/vol	5.05 GRAMS	5.13 GRAMS	5.13 GRAMS		
% Dry	92.90	69.28	69.28		

NA = Not Applicable

STL Buffalo

METHOD 8250 - TCL VOLATILE ORGANICS

Client Sample ID Job No & Lab Sample ID	TRIP BLANK A05-8066 A5806608				
Sample Date Received Date Extraction Date Analysis Date Extraction HT Met? Analytical HT Met? Sample Matrix Dilution Factor Sample wt/vol % Dry	07/28/2005 07/29/2005 08/05/2005 - YES WATER 1.0 0.025 LITERS				

69/87

METHOD 8260 - TCL VOLATILE ORGANICS

Client Sample ID Job No & Lab Sample ID	MSB32 A05-8066 A5B1189601	MSB55 A05-8066 A5B1194001		
Sample Date Received Date Extraction Date Analysis Date Extraction HT Met? Analytical HT Met? Sample Matrix Dilution Factor Sample wt/vol % Dry	NA	08/04/2005 20:08 - WATER 1.0 0.025 LITERS		

ENV - METHOD 8260 - TCL VOLATILE ORGANICS - S

Client Sample ID Job No & Lab Sample ID	MSB32 A05-8066 A5B1189601	MSB55 A05-8066 A5B1194001		
Sample Date Received Date Extraction Date Analysis Date Extraction HT Met? Analytical HT Met? Sample Matrix Dilution Factor Sample wt/vol % Dry	08/04/2005 09:51 - SOIL 1.0 5.0 GRAMS 100.00	NA		

NA = Not Applicable

STL Buffalo

70/87

METHOD 8260 - TCL VOLATILE ORGANICS

Job No & Lab Sample ID	Client Sample ID	Job No & Lab Sample ID	Client Sample ID
	VBLK32 A05-8066 A5B1189602		VBLK55 A05-8066 A5B1194002
Sample Date	NA	08/04/2005 20:40	
Received Date			
Extraction Date			
Analysis Date			
Extraction HT Met?			
Analytical HT Met?			
Sample Matrix			
Dilution Factor			
Sample wt/vol			
% Dry			

ENV - METHOD 8260 - TCL VOLATILE ORGANICS - S

Job No & Lab Sample ID	Client Sample ID	Job No & Lab Sample ID	Client Sample ID
	VBLK32 A05-8066 A5B1189602		VBLK55 A05-8066 A5B1194002
Sample Date	08/04/2005 10:21	NA	
Received Date			
Extraction Date			
Analysis Date			
Extraction HT Met?			
Analytical HT Met?			
Sample Matrix			
Dilution Factor			
Sample wt/vol			
% Dry			

ESC - 8270 - TCL SEMI-VOLATILE ORGANICS - W

Client Sample ID Job No & Lab Sample ID	EB072805 A05-8066 A5806607	HA-RD-1-0-0.5 A05-8066 A5806605	HA-RD-2-0-0.5 A05-8066 A5806604	HA-RD-2-0-0.5 DL A05-8066 A5806604DL	HA-RD-3-0-0-0.5 A05-8066 A5806603
Sample Date Received Date Extraction Date Analysis Date Extraction HT Met? Analytical HT Met? Sample Matrix Dilution Factor Sample wt/vol % Dry	07/28/2005 13:10 07/29/2005 08:45 08/02/2005 07:00 08/04/2005 22:18 YES YES WATER 1.0 1.04 LITERS	NA	NA	NA	NA

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS

Client Sample ID Job No & Lab Sample ID	EB072805 A05-8066 A5806607	HA-RD-1-0-0.5 A05-8066 A5806605	HA-RD-2-0-0.5 A05-8066 A5806604	HA-RD-2-0-0.5 DL A05-8066 A5806604DL	HA-RD-3-0-0-0.5 A05-8066 A5806603
Sample Date Received Date Extraction Date Analysis Date Extraction HT Met? Analytical HT Met? Sample Matrix Dilution Factor Sample wt/vol % Dry	NA 07/28/2005 11:45 07/29/2005 08:45 08/02/2005 07:00 08/12/2005 18:29 YES YES SOIL 1.0 30.73 GRAMS 92.26	07/28/2005 10:40 07/29/2005 08:45 08/02/2005 07:00 08/12/2005 18:03 YES YES SOIL 1.0 30.32 GRAMS 93.57	07/28/2005 10:40 07/29/2005 08:45 08/02/2005 07:00 08/15/2005 23:01 YES YES SOIL 10.0 30.32 GRAMS 93.57	07/28/2005 09:40 07/29/2005 08:45 08/02/2005 07:00 08/12/2005 17:37 YES YES SOIL 1.0 30.23 GRAMS 86.57	

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS

Client Sample ID Job No & Lab Sample ID	HA-RD-4-O-1 A05-8066 A5806601	HA-RD-40-O-1 A05-8066 A5806602	HA-RD-5-O-0.5 A05-8066 A5806606		
Sample Date	07/28/2005 08:20	07/28/2005 08:40	07/28/2005 12:40		
Received Date	07/29/2005 08:45	07/29/2005 08:45	07/29/2005 08:45		
Extraction Date	08/02/2005 07:00	08/02/2005 07:00	08/02/2005 07:00		
Analysis Date	08/12/2005 02:04	08/12/2005 17:10	08/12/2005 18:55		
Extraction HT Met?	YES	YES	YES		
Analytical HT Met?	YES	YES	YES		
Sample Matrix	SOIL	SOIL	SOIL		
Dilution Factor	5.0	1.0	1.0		
Sample wt/vol	30.83	30.7	30.77		
% Dry	92.79	92.33	87.75		

ESC - 8270 - TCL SEMI-VOLATILE ORGANICS - W

Client Sample ID Job No & Lab Sample ID	Matrix Spike Blank A05-8066 A5B1166301	Matrix Spike Blank A05-8066 A5B1166401		
Sample Date Received Date Extraction Date Analysis Date Extraction HT Met? Analytical HT Met? Sample Matrix Dilution Factor Sample wt/vol % Dry	08/02/2005 07:00 08/04/2005 16:05 - - WATER 1.0 1.0 LITERS	NA		

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS

Client Sample ID Job No & Lab Sample ID	Matrix Spike Blank A05-8066 A5B1166301	Matrix Spike Blank A05-8066 A5B1166401		
Sample Date Received Date Extraction Date Analysis Date Extraction HT Met? Analytical HT Met? Sample Matrix Dilution Factor Sample wt/vol % Dry	NA	08/02/2005 07:00 08/09/2005 18:34 - - SOIL LOW 1.0 30.02 GRAMS 100.00		

ESC - 8270 - TCL SEMI-VOLATILE ORGANICS - W

Client Sample ID Job No & Lab Sample ID	S Blank A05-8066 A5B1166302	S Blank A05-8066 A5B1166402		
Sample Date Received Date Extraction Date Analysis Date Extraction HT Met? Analytical HT Met? Sample Matrix Dilution Factor Sample wt/vol % Dry	08/02/2005 07:00 08/04/2005 16:34 - - WATER 1.0 1.0 LITERS	NA		

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS

Client Sample ID Job No & Lab Sample ID	S Blank A05-8066 A5B1166302	S Blank A05-8066 A5B1166402		
Sample Date Received Date Extraction Date Analysis Date Extraction HT Met? Analytical HT Met? Sample Matrix Dilution Factor Sample wt/vol % Dry	NA	08/02/2005 07:00 08/09/2005 19:00 - - SOIL 1.0 30.23 GRAMS 100.00		

NA = Not Applicable

STL Buffalo

ESC - METHOD 8082 - POLYCHLORINATED BIPHENYLS - S

Client Sample ID Job No & Lab Sample ID	EB072805 A05-8066 A5806607	HA-RD-1-0-0.5 A05-8066 A5806605	HA-RD-2-0-0.5 A05-8066 A5806604	HA-RD-3-0-0-0.5 A05-8066 A5806603	HA-RD-4-0-1 A05-8066 A5806601
Sample Date	07/28/2005 11:45	07/28/2005 10:40	07/28/2005 09:40	07/28/2005 08:20	07/28/2005 08:20
Received Date	07/29/2005 08:45	07/29/2005 08:45	07/29/2005 08:45	07/29/2005 08:45	07/29/2005 08:45
Extraction Date	08/03/2005 07:00	08/03/2005 07:00	08/03/2005 07:00	08/03/2005 07:00	08/03/2005 07:00
Analysis Date	08/04/2005 18:32	08/04/2005 18:14	08/04/2005 17:56	08/04/2005 16:44	08/04/2005 16:44
Extraction HT Met?	NA	YES	YES	YES	YES
Analytical HT Met?	YES	YES	YES	YES	YES
Sample Matrix	SOIL	SOIL	SOIL	SOIL	SOIL
Dilution Factor	1.0	1.0	1.0	1.0	1.0
Sample wt/vol	30.23	30.14	30.77	30.79	30.79
% Dry	92.26	93.57	86.57	92.79	92.79

ESC - METHOD 8082 - POLYCHLORINATED BIPHENYLS - W

Client Sample ID Job No & Lab Sample ID	EB072805 A05-8066 A5806607	HA-RD-1-0-0.5 A05-8066 A5806605	HA-RD-2-0-0.5 A05-8066 A5806604	HA-RD-3-0-0-0.5 A05-8066 A5806603	HA-RD-4-0-1 A05-8066 A5806601
Sample Date	07/28/2005 13:10	07/28/2005 13:10	07/28/2005 13:10	07/28/2005 13:10	07/28/2005 13:10
Received Date	07/29/2005 08:45	07/29/2005 08:45	07/29/2005 08:45	07/29/2005 08:45	07/29/2005 08:45
Extraction Date	08/01/2005 15:00	08/01/2005 15:00	08/01/2005 15:00	08/01/2005 15:00	08/01/2005 15:00
Analysis Date	08/03/2005 14:28	08/03/2005 14:28	08/03/2005 14:28	08/03/2005 14:28	08/03/2005 14:28
Extraction HT Met?	YES	YES	YES	YES	YES
Analytical HT Met?	YES	YES	YES	YES	YES
Sample Matrix	WATER	WATER	WATER	WATER	WATER
Dilution Factor	1.0	1.0	1.0	1.0	1.0
Sample wt/vol	1.03	1.03	1.03	1.03	1.03
% Dry	LITERS	LITERS	LITERS	LITERS	LITERS

Date: 08/18/2005
Time: 16:14:53

ENVIRONMENTAL STRATEGIES CORPORATION
SAMPLE CHRONOLOGY

Rept: AN0374
Page: 2

ESC - METHOD 8082 - POLYCHLORINATED BIPHENYLS - S

Client Sample ID Job No & Lab Sample ID	HA-RD-40-O-1 A05-8066 A5806602	HA-RD-5-O-O.5 A05-8066 A5806606		
Sample Date	07/28/2005 08:40	07/28/2005 12:40		
Received Date	07/29/2005 08:45	07/29/2005 08:45		
Extraction Date	08/03/2005 07:00	08/03/2005 07:00		
Analysis Date	08/04/2005 17:02	08/04/2005 18:50		
Extraction HT Met?	YES	YES		
Analytical HT Met?	YES	YES		
Sample Matrix	SOIL	SOIL		
Dilution Factor	1.0	10.0		
Sample wt/vol	30.03 GRAMS	30.53 GRAMS		
% Dry	92.33	87.75		

NA = Not Applicable

STL Buffalo

ESC - METHOD 8082 - POLYCHLORINATED BIPHENYLS - S

Client Sample ID Job No & Lab Sample ID	HA-RD-40-0-1 A05-8066 A5806602MS	HA-RD-40-0-1 A05-8066 A5806602SD	Matrix Spike Blank A05-8066 A5B1163301	Matrix Spike Blank A05-8066 A5B1170301
Sample Date Received Date Extraction Date Analysis Date Extraction HT Met? Analytical HT Met? Sample Matrix Dilution Factor Sample wt/vol % Dry	07/28/2005 08:40 07/29/2005 08:45 08/03/2005 07:00 08/04/2005 17:20 YES YES SOIL LOW 1.0 25.68 GRAMS 92.33	07/28/2005 08:40 07/29/2005 08:45 08/03/2005 07:00 08/04/2005 17:38 YES YES SOIL LOW 1.0 29.39 GRAMS 92.33	NA	08/03/2005 07:00 08/04/2005 14:38 - - SOIL LOW 1.0 30.78 GRAMS 100.00

ESC - METHOD 8082 - POLYCHLORINATED BIPHENYLS - W

Client Sample ID Job No & Lab Sample ID	HA-RD-40-0-1 A05-8066 A5806602MS	HA-RD-40-0-1 A05-8066 A5806602SD	Matrix Spike Blank A05-8066 A5B1163301	Matrix Spike Blank A05-8066 A5B1170301
Sample Date Received Date Extraction Date Analysis Date Extraction HT Met? Analytical HT Met? Sample Matrix Dilution Factor Sample wt/vol % Dry	NA	NA	08/01/2005 15:00 08/03/2005 11:47 - - WATER 1.0 1.0 LITERS	NA

ESC - METHOD 8082 - POLYCHLORINATED BIPHENYLS - S

Client Sample ID Job No & Lab Sample ID	Method Blank A05-8066 A5B1163302	Method Blank A05-8066 A5B1170302	
Sample Date Received Date Extraction Date Analysis Date Extraction HT Met? Analytical HT Met? Sample Matrix Dilution Factor Sample wt/vol % Dry	NA	08/03/2005 07:00 08/04/2005 14:56 - SOIL LOW 1.0 30.22 GRAMS 100.00	

ESC - METHOD 8082 - POLYCHLORINATED BIPHENYLS - W

Client Sample ID Job No & Lab Sample ID	Method Blank A05-8066 A5B1163302	Method Blank A05-8066 A5B1170302	
Sample Date Received Date Extraction Date Analysis Date Extraction HT Met? Analytical HT Met? Sample Matrix Dilution Factor Sample wt/vol % Dry	08/01/2005 15:00 08/03/2005 12:07 - WATER 1.0 LITERS 1.0	NA	

Lab ID	Sample ID	Units	Analyte	Method	Dilution Factor	Sample Date	Receive Date	TCLP Date	THT	Analysis Date	AHT Matrix
A5806607	EB072805	MG/L	Aluminum - Total	6010	1.00	07/28/2005 13:10	07/29 08:45	NA	NA	08/02 14:16	Yes WATER
		MG/L	Antimony - Total	6010	1.00	07/28/2005 13:10	07/29 08:45	NA	NA	08/02 14:16	Yes WATER
		MG/L	Arsenic - Total	6010	1.00	07/28/2005 13:10	07/29 08:45	NA	NA	08/02 14:16	Yes WATER
		MG/L	Barium - Total	6010	1.00	07/28/2005 13:10	07/29 08:45	NA	NA	08/02 14:16	Yes WATER
		MG/L	Beryllium - Total	6010	1.00	07/28/2005 13:10	07/29 08:45	NA	NA	08/02 14:16	Yes WATER
		MG/L	Cadmium - Total	6010	1.00	07/28/2005 13:10	07/29 08:45	NA	NA	08/02 14:16	Yes WATER
		MG/L	Calcium - Total	6010	1.00	07/28/2005 13:10	07/29 08:45	NA	NA	08/02 14:16	Yes WATER
		MG/L	Chromium - Total	6010	1.00	07/28/2005 13:10	07/29 08:45	NA	NA	08/02 14:16	Yes WATER
		MG/L	Cobalt - Total	6010	1.00	07/28/2005 13:10	07/29 08:45	NA	NA	08/02 14:16	Yes WATER
		MG/L	Copper - Total	6010	1.00	07/28/2005 13:10	07/29 08:45	NA	NA	08/02 14:16	Yes WATER
		MG/L	Iron - Total	6010	1.00	07/28/2005 13:10	07/29 08:45	NA	NA	08/02 14:16	Yes WATER
		MG/L	Lead - Total	6010	1.00	07/28/2005 13:10	07/29 08:45	NA	NA	08/02 14:16	Yes WATER
		MG/L	Magnesium - Total	6010	1.00	07/28/2005 13:10	07/29 08:45	NA	NA	08/02 14:16	Yes WATER
		MG/L	Manganese - Total	6010	1.00	07/28/2005 13:10	07/29 08:45	NA	NA	08/02 14:16	Yes WATER
		MG/L	Mercury - Total	7470	1.00	07/28/2005 13:10	07/29 08:45	NA	NA	08/01 15:47	Yes WATER
		MG/L	Nickel - Total	6010	1.00	07/28/2005 13:10	07/29 08:45	NA	NA	08/02 14:16	Yes WATER
		MG/L	Potassium - Total	6010	1.00	07/28/2005 13:10	07/29 08:45	NA	NA	08/02 14:16	Yes WATER
		MG/L	Selenium - Total	6010	1.00	07/28/2005 13:10	07/29 08:45	NA	NA	08/02 14:16	Yes WATER
		MG/L	Silver - Total	6010	1.00	07/28/2005 13:10	07/29 08:45	NA	NA	08/02 14:16	Yes WATER
		MG/L	Sodium - Total	6010	1.00	07/28/2005 13:10	07/29 08:45	NA	NA	08/02 14:16	Yes WATER
A5806605	HA-RD-1-0-0.5	MG/L	Thallium - Total	6010	1.00	07/28/2005 13:10	07/29 08:45	NA	NA	08/02 14:16	Yes WATER
		MG/L	Vanadium - Total	6010	1.00	07/28/2005 13:10	07/29 08:45	NA	NA	08/02 14:16	Yes WATER
		MG/L	Zinc - Total	6010	1.00	07/28/2005 13:10	07/29 08:45	NA	NA	08/03 11:37	Yes WATER
		MG/KG	Aluminum - Total	6010	1.00	07/28/2005 11:45	07/29 08:45	NA	NA	08/01 13:55	Yes SOIL
		MG/KG	Antimony - Total	6010	1.00	07/28/2005 11:45	07/29 08:45	NA	NA	08/01 13:55	Yes SOIL
		MG/KG	Arsenic - Total	6010	1.00	07/28/2005 11:45	07/29 08:45	NA	NA	08/01 13:55	Yes SOIL
		MG/KG	Barium - Total	6010	1.00	07/28/2005 11:45	07/29 08:45	NA	NA	08/01 13:55	Yes SOIL
		MG/KG	Beryllium - Total	6010	1.00	07/28/2005 11:45	07/29 08:45	NA	NA	08/01 13:55	Yes SOIL
		MG/KG	Cadmium - Total	6010	1.00	07/28/2005 11:45	07/29 08:45	NA	NA	08/01 13:55	Yes SOIL
		MG/KG	Calcium - Total	6010	1.00	07/28/2005 11:45	07/29 08:45	NA	NA	08/01 13:55	Yes SOIL
		MG/KG	Chromium - Total	6010	1.00	07/28/2005 11:45	07/29 08:45	NA	NA	08/01 13:55	Yes SOIL
		MG/KG	Cobalt - Total	6010	1.00	07/28/2005 11:45	07/29 08:45	NA	NA	08/01 13:55	Yes SOIL
		MG/KG	Copper - Total	6010	1.00	07/28/2005 11:45	07/29 08:45	NA	NA	08/01 13:55	Yes SOIL
		MG/KG	Iron - Total	6010	1.00	07/28/2005 11:45	07/29 08:45	NA	NA	08/01 13:55	Yes SOIL
		MG/KG	Lead - Total	6010	1.00	07/28/2005 11:45	07/29 08:45	NA	NA	08/01 13:55	Yes SOIL
		MG/KG	Magnesium - Total	6010	1.00	07/28/2005 11:45	07/29 08:45	NA	NA	08/01 13:55	Yes SOIL
		MG/KG	Manganese - Total	6010	1.00	07/28/2005 11:45	07/29 08:45	NA	NA	08/01 13:55	Yes SOIL
		MG/KG	Mercury - Total	7471	1.00	07/28/2005 11:45	07/29 08:45	NA	NA	08/01 13:55	Yes SOIL
		MG/KG	Nickel - Total	6010	1.00	07/28/2005 11:45	07/29 08:45	NA	NA	08/01 13:55	Yes SOIL
		MG/KG	Potassium - Total	6010	1.00	07/28/2005 11:45	07/29 08:45	NA	NA	08/01 13:55	Yes SOIL
A5806604	HA-RD-2-0-0.5	MG/KG	Selenium - Total	6010	1.00	07/28/2005 11:45	07/29 08:45	NA	NA	08/01 13:55	Yes SOIL
		MG/KG	Silver - Total	6010	1.00	07/28/2005 11:45	07/29 08:45	NA	NA	08/01 13:55	Yes SOIL
		MG/KG	Sodium - Total	6010	1.00	07/28/2005 11:45	07/29 08:45	NA	NA	08/01 13:55	Yes SOIL
		MG/KG	Thallium - Total	6010	1.00	07/28/2005 11:45	07/29 08:45	NA	NA	08/01 13:55	Yes SOIL
		MG/KG	Vanadium - Total	6010	1.00	07/28/2005 11:45	07/29 08:45	NA	NA	08/01 13:55	Yes SOIL
		MG/KG	Zinc - Total	6010	1.00	07/28/2005 11:45	07/29 08:45	NA	NA	08/01 13:55	Yes SOIL
		MG/KG	Aluminum - Total	6010	1.00	07/28/2005 10:40	07/29 08:45	NA	NA	08/01 13:50	Yes SOIL
		MG/KG	Antimony - Total	6010	1.00	07/28/2005 10:40	07/29 08:45	NA	NA	08/01 13:50	Yes SOIL
		MG/KG		6010	1.00	07/28/2005 10:40	07/29 08:45	NA	NA	08/01 13:50	Yes SOIL
		MG/KG		6010	1.00	07/28/2005 10:40	07/29 08:45	NA	NA	08/01 13:50	Yes SOIL

AHT = Analysis Holding Time Met
THT = TCLP Holding Time Met
NA = Not Applicable

Lab ID	Sample ID	Units	Analyte	Method	Dilution Factor	Sample Date	Receive Date	TCLP Date	THT	Analysis Date	AHT	Matrix
A5806604	HA-RD-2-0-0.5	MG/KG	Arsenic - Total	6010	1.00	07/28/2005 10:40	07/29 08:45	NA	NA	08/01 13:50	Yes	SOIL
		MG/KG	Barium - Total	6010	1.00	07/28/2005 10:40	07/29 08:45	NA	NA	08/01 13:50	Yes	SOIL
		MG/KG	Beryllium - Total	6010	1.00	07/28/2005 10:40	07/29 08:45	NA	NA	08/01 13:50	Yes	SOIL
		MG/KG	Cadmium - Total	6010	1.00	07/28/2005 10:40	07/29 08:45	NA	NA	08/01 13:50	Yes	SOIL
		MG/KG	Calcium - Total	6010	1.00	07/28/2005 10:40	07/29 08:45	NA	NA	08/01 13:50	Yes	SOIL
		MG/KG	Chromium - Total	6010	1.00	07/28/2005 10:40	07/29 08:45	NA	NA	08/01 13:50	Yes	SOIL
		MG/KG	Cobalt - Total	6010	1.00	07/28/2005 10:40	07/29 08:45	NA	NA	08/01 13:50	Yes	SOIL
		MG/KG	Copper - Total	6010	1.00	07/28/2005 10:40	07/29 08:45	NA	NA	08/01 13:50	Yes	SOIL
		MG/KG	Iron - Total	6010	1.00	07/28/2005 10:40	07/29 08:45	NA	NA	08/01 13:50	Yes	SOIL
		MG/KG	Lead - Total	6010	1.00	07/28/2005 10:40	07/29 08:45	NA	NA	08/01 13:50	Yes	SOIL
		MG/KG	Magnesium - Total	6010	1.00	07/28/2005 10:40	07/29 08:45	NA	NA	08/01 13:50	Yes	SOIL
		MG/KG	Manganese - Total	6010	1.00	07/28/2005 10:40	07/29 08:45	NA	NA	08/01 13:50	Yes	SOIL
		MG/KG	Mercury - Total	6010	1.00	07/28/2005 10:40	07/29 08:45	NA	NA	08/01 13:50	Yes	SOIL
		MG/KG	Nickel - Total	7471	1.00	07/28/2005 10:40	07/29 08:45	NA	NA	08/04 11:14	Yes	SOIL
		MG/KG	Potassium - Total	6010	1.00	07/28/2005 10:40	07/29 08:45	NA	NA	08/01 13:50	Yes	SOIL
		MG/KG	Selenium - Total	6010	1.00	07/28/2005 10:40	07/29 08:45	NA	NA	08/01 13:50	Yes	SOIL
		MG/KG	Silver - Total	6010	1.00	07/28/2005 10:40	07/29 08:45	NA	NA	08/01 13:50	Yes	SOIL
		MG/KG	Sodium - Total	6010	1.00	07/28/2005 10:40	07/29 08:45	NA	NA	08/01 13:50	Yes	SOIL
		MG/KG	Thallium - Total	6010	1.00	07/28/2005 10:40	07/29 08:45	NA	NA	08/01 13:50	Yes	SOIL
		MG/KG	Vanadium - Total	6010	1.00	07/28/2005 10:40	07/29 08:45	NA	NA	08/01 13:50	Yes	SOIL
A5806603	HA-RD-3-0-0-0.5	MG/KG	Zinc - Total	6010	1.00	07/28/2005 10:40	07/29 08:45	NA	NA	08/01 13:50	Yes	SOIL
		MG/KG	Aluminum - Total	6010	1.00	07/28/2005 09:40	07/29 08:45	NA	NA	08/01 13:20	Yes	SOIL
		MG/KG	Antimony - Total	6010	1.00	07/28/2005 09:40	07/29 08:45	NA	NA	08/01 13:20	Yes	SOIL
		MG/KG	Arsenic - Total	6010	1.00	07/28/2005 09:40	07/29 08:45	NA	NA	08/01 13:20	Yes	SOIL
		MG/KG	Barium - Total	6010	1.00	07/28/2005 09:40	07/29 08:45	NA	NA	08/01 13:20	Yes	SOIL
		MG/KG	Beryllium - Total	6010	1.00	07/28/2005 09:40	07/29 08:45	NA	NA	08/01 13:20	Yes	SOIL
		MG/KG	Cadmium - Total	6010	1.00	07/28/2005 09:40	07/29 08:45	NA	NA	08/01 13:20	Yes	SOIL
		MG/KG	Calcium - Total	6010	1.00	07/28/2005 09:40	07/29 08:45	NA	NA	08/01 13:20	Yes	SOIL
		MG/KG	Chromium - Total	6010	1.00	07/28/2005 09:40	07/29 08:45	NA	NA	08/01 13:20	Yes	SOIL
		MG/KG	Cobalt - Total	6010	1.00	07/28/2005 09:40	07/29 08:45	NA	NA	08/01 13:20	Yes	SOIL
		MG/KG	Copper - Total	6010	1.00	07/28/2005 09:40	07/29 08:45	NA	NA	08/01 13:20	Yes	SOIL
		MG/KG	Iron - Total	6010	1.00	07/28/2005 09:40	07/29 08:45	NA	NA	08/01 13:20	Yes	SOIL
		MG/KG	Lead - Total	6010	1.00	07/28/2005 09:40	07/29 08:45	NA	NA	08/01 13:20	Yes	SOIL
		MG/KG	Magnesium - Total	6010	1.00	07/28/2005 09:40	07/29 08:45	NA	NA	08/01 13:20	Yes	SOIL
		MG/KG	Manganese - Total	6010	1.00	07/28/2005 09:40	07/29 08:45	NA	NA	08/01 13:20	Yes	SOIL
		MG/KG	Mercury - Total	7471	1.00	07/28/2005 09:40	07/29 08:45	NA	NA	08/04 11:08	Yes	SOIL
		MG/KG	Nickel - Total	6010	1.00	07/28/2005 09:40	07/29 08:45	NA	NA	08/01 13:20	Yes	SOIL
		MG/KG	Potassium - Total	6010	1.00	07/28/2005 09:40	07/29 08:45	NA	NA	08/01 13:20	Yes	SOIL
		MG/KG	Selenium - Total	6010	1.00	07/28/2005 09:40	07/29 08:45	NA	NA	08/01 13:20	Yes	SOIL
		MG/KG	Silver - Total	6010	1.00	07/28/2005 09:40	07/29 08:45	NA	NA	08/01 13:20	Yes	SOIL
A5806601	HA-RD-4-0-1	MG/KG	Sodium - Total	6010	1.00	07/28/2005 09:40	07/29 08:45	NA	NA	08/01 13:20	Yes	SOIL
		MG/KG	Thallium - Total	6010	1.00	07/28/2005 09:40	07/29 08:45	NA	NA	08/01 13:20	Yes	SOIL
		MG/KG	Vanadium - Total	6010	1.00	07/28/2005 09:40	07/29 08:45	NA	NA	08/01 13:20	Yes	SOIL
		MG/KG	Zinc - Total	6010	1.00	07/28/2005 09:40	07/29 08:45	NA	NA	08/01 13:20	Yes	SOIL
		MG/KG	Aluminum - Total	6010	1.00	07/28/2005 08:20	07/29 08:45	NA	NA	08/01 13:10	Yes	SOIL
		MG/KG	Antimony - Total	6010	1.00	07/28/2005 08:20	07/29 08:45	NA	NA	08/01 13:10	Yes	SOIL
		MG/KG	Arsenic - Total	6010	1.00	07/28/2005 08:20	07/29 08:45	NA	NA	08/01 13:10	Yes	SOIL
		MG/KG	Barium - Total	6010	1.00	07/28/2005 08:20	07/29 08:45	NA	NA	08/01 13:10	Yes	SOIL

AHT = Analysis Holding Time Met
THT = TCLP Holding Time Met
NA = Not Applicable

Lab ID	Sample ID	Units	Analyte	Method	Dilution Factor	Sample Date	Receive Date	TCLP Date	THT	Analysis Date	AHT Matrix
A5806601	HA-RD-4-0-1	MG/KG	Beryllium - Total	6010	1.00	07/28/2005 08:20	07/29 08:45	NA	NA	08/01 13:10	Yes SOIL
		MG/KG	Cadmium - Total	6010	1.00	07/28/2005 08:20	07/29 08:45	NA	NA	08/01 13:10	Yes SOIL
		MG/KG	Calcium - Total	6010	1.00	07/28/2005 08:20	07/29 08:45	NA	NA	08/01 13:10	Yes SOIL
		MG/KG	Chromium - Total	6010	1.00	07/28/2005 08:20	07/29 08:45	NA	NA	08/01 13:10	Yes SOIL
		MG/KG	Cobalt - Total	6010	1.00	07/28/2005 08:20	07/29 08:45	NA	NA	08/01 13:10	Yes SOIL
		MG/KG	Copper - Total	6010	1.00	07/28/2005 08:20	07/29 08:45	NA	NA	08/01 13:10	Yes SOIL
		MG/KG	Iron - Total	6010	1.00	07/28/2005 08:20	07/29 08:45	NA	NA	08/01 13:10	Yes SOIL
		MG/KG	Lead - Total	6010	1.00	07/28/2005 08:20	07/29 08:45	NA	NA	08/01 13:10	Yes SOIL
		MG/KG	Magnesium - Total	6010	1.00	07/28/2005 08:20	07/29 08:45	NA	NA	08/01 13:10	Yes SOIL
		MG/KG	Manganese - Total	6010	1.00	07/28/2005 08:20	07/29 08:45	NA	NA	08/01 13:10	Yes SOIL
		MG/KG	Mercury - Total	7471	1.00	07/28/2005 08:20	07/29 08:45	NA	NA	08/04 11:06	Yes SOIL
		MG/KG	Nickel - Total	6010	1.00	07/28/2005 08:20	07/29 08:45	NA	NA	08/01 13:10	Yes SOIL
		MG/KG	Potassium - Total	6010	1.00	07/28/2005 08:20	07/29 08:45	NA	NA	08/01 13:10	Yes SOIL
		MG/KG	Selenium - Total	6010	1.00	07/28/2005 08:20	07/29 08:45	NA	NA	08/01 13:10	Yes SOIL
		MG/KG	Silver - Total	6010	1.00	07/28/2005 08:20	07/29 08:45	NA	NA	08/01 13:10	Yes SOIL
		MG/KG	Sodium - Total	6010	1.00	07/28/2005 08:20	07/29 08:45	NA	NA	08/01 13:10	Yes SOIL
		MG/KG	Thallium - Total	6010	1.00	07/28/2005 08:20	07/29 08:45	NA	NA	08/01 13:10	Yes SOIL
		MG/KG	Vanadium - Total	6010	1.00	07/28/2005 08:20	07/29 08:45	NA	NA	08/01 13:10	Yes SOIL
		MG/KG	Zinc - Total	6010	1.00	07/28/2005 08:20	07/29 08:45	NA	NA	08/01 13:10	Yes SOIL
		MG/KG	Aluminum - Total	6010	1.00	07/28/2005 08:40	07/29 08:45	NA	NA	08/01 13:15	Yes SOIL
A5806602	HA-RD-40-0-1	MG/KG	Antimony - Total	6010	1.00	07/28/2005 08:40	07/29 08:45	NA	NA	08/01 13:15	Yes SOIL
		MG/KG	Arsenic - Total	6010	1.00	07/28/2005 08:40	07/29 08:45	NA	NA	08/01 13:15	Yes SOIL
		MG/KG	Barium - Total	6010	1.00	07/28/2005 08:40	07/29 08:45	NA	NA	08/01 13:15	Yes SOIL
		MG/KG	Beryllium - Total	6010	1.00	07/28/2005 08:40	07/29 08:45	NA	NA	08/01 13:15	Yes SOIL
		MG/KG	Cadmium - Total	6010	1.00	07/28/2005 08:40	07/29 08:45	NA	NA	08/01 13:15	Yes SOIL
		MG/KG	Calcium - Total	6010	1.00	07/28/2005 08:40	07/29 08:45	NA	NA	08/01 13:15	Yes SOIL
		MG/KG	Chromium - Total	6010	1.00	07/28/2005 08:40	07/29 08:45	NA	NA	08/01 13:15	Yes SOIL
		MG/KG	Cobalt - Total	6010	1.00	07/28/2005 08:40	07/29 08:45	NA	NA	08/01 13:15	Yes SOIL
		MG/KG	Copper - Total	6010	1.00	07/28/2005 08:40	07/29 08:45	NA	NA	08/01 13:15	Yes SOIL
		MG/KG	Iron - Total	6010	1.00	07/28/2005 08:40	07/29 08:45	NA	NA	08/01 13:15	Yes SOIL
		MG/KG	Lead - Total	6010	1.00	07/28/2005 08:40	07/29 08:45	NA	NA	08/01 13:15	Yes SOIL
		MG/KG	Magnesium - Total	6010	1.00	07/28/2005 08:40	07/29 08:45	NA	NA	08/01 13:15	Yes SOIL
		MG/KG	Manganese - Total	6010	1.00	07/28/2005 08:40	07/29 08:45	NA	NA	08/01 13:15	Yes SOIL
		MG/KG	Mercury - Total	7471	1.00	07/28/2005 08:40	07/29 08:45	NA	NA	08/04 11:07	Yes SOIL
		MG/KG	Nickel - Total	6010	1.00	07/28/2005 08:40	07/29 08:45	NA	NA	08/01 13:15	Yes SOIL
		MG/KG	Potassium - Total	6010	1.00	07/28/2005 08:40	07/29 08:45	NA	NA	08/01 13:15	Yes SOIL
		MG/KG	Selenium - Total	6010	1.00	07/28/2005 08:40	07/29 08:45	NA	NA	08/01 13:15	Yes SOIL
		MG/KG	Silver - Total	6010	1.00	07/28/2005 08:40	07/29 08:45	NA	NA	08/01 13:15	Yes SOIL
		MG/KG	Sodium - Total	6010	1.00	07/28/2005 08:40	07/29 08:45	NA	NA	08/01 13:15	Yes SOIL
A5806606	HA-RD-5-0-0.5	MG/KG	Thallium - Total	6010	1.00	07/28/2005 08:40	07/29 08:45	NA	NA	08/01 13:15	Yes SOIL
		MG/KG	Vanadium - Total	6010	1.00	07/28/2005 08:40	07/29 08:45	NA	NA	08/01 13:15	Yes SOIL
		MG/KG	Zinc - Total	6010	1.00	07/28/2005 08:40	07/29 08:45	NA	NA	08/01 13:15	Yes SOIL
		MG/KG	Aluminum - Total	6010	1.00	07/28/2005 12:40	07/29 08:45	NA	NA	08/01 14:00	Yes SOIL
		MG/KG	Antimony - Total	6010	1.00	07/28/2005 12:40	07/29 08:45	NA	NA	08/01 14:00	Yes SOIL
		MG/KG	Arsenic - Total	6010	1.00	07/28/2005 12:40	07/29 08:45	NA	NA	08/01 14:00	Yes SOIL
		MG/KG	Barium - Total	6010	1.00	07/28/2005 12:40	07/29 08:45	NA	NA	08/01 14:00	Yes SOIL
		MG/KG	Beryllium - Total	6010	1.00	07/28/2005 12:40	07/29 08:45	NA	NA	08/01 14:00	Yes SOIL
		MG/KG	Cadmium - Total	6010	1.00	07/28/2005 12:40	07/29 08:45	NA	NA	08/01 14:00	Yes SOIL
		MG/KG		6010	1.00	07/28/2005 12:40	07/29 08:45	NA	NA	08/01 14:00	Yes SOIL

Lab ID	Sample ID	Units	Analyte	Method	Dilution Factor	Sample Date	Receive Date	TCLP Date	THT	Analysis Date	AHT Matrix
A5806606	HA-RD-5-0-0.5	Mg/KG	Calcium - Total	6010	1.00	07/28/2005 12:40	07/29 08:45	NA	NA	08/01 14:00	Yes SOIL
		Mg/KG	Chromium - Total	6010	1.00	07/28/2005 12:40	07/29 08:45	NA	NA	08/01 14:00	Yes SOIL
		Mg/KG	Cobalt - Total	6010	1.00	07/28/2005 12:40	07/29 08:45	NA	NA	08/01 14:00	Yes SOIL
		Mg/KG	Copper - Total	6010	1.00	07/28/2005 12:40	07/29 08:45	NA	NA	08/01 14:00	Yes SOIL
		Mg/KG	Iron - Total	6010	1.00	07/28/2005 12:40	07/29 08:45	NA	NA	08/01 14:00	Yes SOIL
		Mg/KG	Lead - Total	6010	1.00	07/28/2005 12:40	07/29 08:45	NA	NA	08/01 14:00	Yes SOIL
		Mg/KG	Magnesium - Total	6010	1.00	07/28/2005 12:40	07/29 08:45	NA	NA	08/01 14:00	Yes SOIL
		Mg/KG	Manganese - Total	6010	1.00	07/28/2005 12:40	07/29 08:45	NA	NA	08/01 14:00	Yes SOIL
		Mg/KG	Mercury - Total	7471	1.00	07/28/2005 12:40	07/29 08:45	NA	NA	08/04 11:17	Yes SOIL
		Mg/KG	Nickel - Total	6010	1.00	07/28/2005 12:40	07/29 08:45	NA	NA	08/01 14:00	Yes SOIL
		Mg/KG	Potassium - Total	6010	1.00	07/28/2005 12:40	07/29 08:45	NA	NA	08/01 14:00	Yes SOIL
		Mg/KG	Selenium - Total	6010	1.00	07/28/2005 12:40	07/29 08:45	NA	NA	08/01 14:00	Yes SOIL
		Mg/KG	Silver - Total	6010	1.00	07/28/2005 12:40	07/29 08:45	NA	NA	08/01 14:00	Yes SOIL
		Mg/KG	Sodium - Total	6010	1.00	07/28/2005 12:40	07/29 08:45	NA	NA	08/01 14:00	Yes SOIL
		Mg/KG	Thallium - Total	6010	1.00	07/28/2005 12:40	07/29 08:45	NA	NA	08/01 14:00	Yes SOIL
		Mg/KG	Vanadium - Total	6010	1.00	07/28/2005 12:40	07/29 08:45	NA	NA	08/01 14:00	Yes SOIL
		Mg/KG	Zinc - Total	6010	5.00	07/28/2005 12:40	07/29 08:45	NA	NA	08/03 12:47	Yes SOIL

Lab ID	Sample ID	Units	Analyte	Method	Dilution Factor	Sample Date	Receive Date	TCLP Date	THI	Analysis Date	AHT	Matrix
A5806603MS	HA-RD-3-0-0-0.5	Mg/KG	Aluminum - Total	6010	1.00	07/28/2005 09:40	07/29 08:45	NA	NA	08/01 13:30	Yes	SOIL
		Mg/KG	Antimony - Total	6010	1.00	07/28/2005 09:40	07/29 08:45	NA	NA	08/01 13:30	Yes	SOIL
		Mg/KG	Arsenic - Total	6010	1.00	07/28/2005 09:40	07/29 08:45	NA	NA	08/01 13:30	Yes	SOIL
		Mg/KG	Barium - Total	6010	1.00	07/28/2005 09:40	07/29 08:45	NA	NA	08/01 13:30	Yes	SOIL
		Mg/KG	Beryllium - Total	6010	1.00	07/28/2005 09:40	07/29 08:45	NA	NA	08/01 13:30	Yes	SOIL
		Mg/KG	Cadmium - Total	6010	1.00	07/28/2005 09:40	07/29 08:45	NA	NA	08/01 13:30	Yes	SOIL
		Mg/KG	Calcium - Total	6010	1.00	07/28/2005 09:40	07/29 08:45	NA	NA	08/01 13:30	Yes	SOIL
		Mg/KG	Chromium - Total	6010	1.00	07/28/2005 09:40	07/29 08:45	NA	NA	08/01 13:30	Yes	SOIL
		Mg/KG	Cobalt - Total	6010	1.00	07/28/2005 09:40	07/29 08:45	NA	NA	08/01 13:30	Yes	SOIL
		Mg/KG	Copper - Total	6010	1.00	07/28/2005 09:40	07/29 08:45	NA	NA	08/01 13:30	Yes	SOIL
		Mg/KG	Iron - Total	6010	1.00	07/28/2005 09:40	07/29 08:45	NA	NA	08/01 13:30	Yes	SOIL
		Mg/KG	Lead - Total	6010	1.00	07/28/2005 09:40	07/29 08:45	NA	NA	08/01 13:30	Yes	SOIL
		Mg/KG	Magnesium - Total	6010	1.00	07/28/2005 09:40	07/29 08:45	NA	NA	08/01 13:30	Yes	SOIL
		Mg/KG	Manganese - Total	6010	1.00	07/28/2005 09:40	07/29 08:45	NA	NA	08/01 13:30	Yes	SOIL
		Mg/KG	Mercury - Total	7471	1.00	07/28/2005 09:40	07/29 08:45	NA	NA	08/01 13:30	Yes	SOIL
		Mg/KG	Nickel - Total	6010	1.00	07/28/2005 09:40	07/29 08:45	NA	NA	08/01 13:30	Yes	SOIL
		Mg/KG	Potassium - Total	6010	1.00	07/28/2005 09:40	07/29 08:45	NA	NA	08/01 13:30	Yes	SOIL
		Mg/KG	Selenium - Total	6010	1.00	07/28/2005 09:40	07/29 08:45	NA	NA	08/01 13:30	Yes	SOIL
		Mg/KG	Silver - Total	6010	1.00	07/28/2005 09:40	07/29 08:45	NA	NA	08/01 13:30	Yes	SOIL
		Mg/KG	Sodium - Total	6010	1.00	07/28/2005 09:40	07/29 08:45	NA	NA	08/01 13:30	Yes	SOIL
A5806603SD	HA-RD-3-0-0-0.5	Mg/KG	Thallium - Total	6010	1.00	07/28/2005 09:40	07/29 08:45	NA	NA	08/01 13:30	Yes	SOIL
		Mg/KG	Vanadium - Total	6010	1.00	07/28/2005 09:40	07/29 08:45	NA	NA	08/01 13:30	Yes	SOIL
		Mg/KG	Zinc - Total	6010	1.00	07/28/2005 09:40	07/29 08:45	NA	NA	08/01 13:30	Yes	SOIL
		Mg/KG	Aluminum - Total	6010	1.00	07/28/2005 09:40	07/29 08:45	NA	NA	08/01 13:30	Yes	SOIL
		Mg/KG	Antimony - Total	6010	1.00	07/28/2005 09:40	07/29 08:45	NA	NA	08/01 13:30	Yes	SOIL
		Mg/KG	Arsenic - Total	6010	1.00	07/28/2005 09:40	07/29 08:45	NA	NA	08/01 13:30	Yes	SOIL
		Mg/KG	Barium - Total	6010	1.00	07/28/2005 09:40	07/29 08:45	NA	NA	08/01 13:30	Yes	SOIL
		Mg/KG	Beryllium - Total	6010	1.00	07/28/2005 09:40	07/29 08:45	NA	NA	08/01 13:30	Yes	SOIL
		Mg/KG	Cadmium - Total	6010	1.00	07/28/2005 09:40	07/29 08:45	NA	NA	08/01 13:30	Yes	SOIL
		Mg/KG	Calcium - Total	6010	1.00	07/28/2005 09:40	07/29 08:45	NA	NA	08/01 13:30	Yes	SOIL
		Mg/KG	Chromium - Total	6010	1.00	07/28/2005 09:40	07/29 08:45	NA	NA	08/01 13:30	Yes	SOIL
		Mg/KG	Cobalt - Total	6010	1.00	07/28/2005 09:40	07/29 08:45	NA	NA	08/01 13:30	Yes	SOIL
		Mg/KG	Copper - Total	6010	1.00	07/28/2005 09:40	07/29 08:45	NA	NA	08/01 13:30	Yes	SOIL
		Mg/KG	Iron - Total	6010	1.00	07/28/2005 09:40	07/29 08:45	NA	NA	08/01 13:30	Yes	SOIL
		Mg/KG	Lead - Total	6010	1.00	07/28/2005 09:40	07/29 08:45	NA	NA	08/01 13:30	Yes	SOIL
		Mg/KG	Magnesium - Total	6010	1.00	07/28/2005 09:40	07/29 08:45	NA	NA	08/01 13:30	Yes	SOIL
		Mg/KG	Manganese - Total	6010	1.00	07/28/2005 09:40	07/29 08:45	NA	NA	08/01 13:30	Yes	SOIL
		Mg/KG	Mercury - Total	7471	1.00	07/28/2005 09:40	07/29 08:45	NA	NA	08/01 13:30	Yes	SOIL
		Mg/KG	Nickel - Total	6010	1.00	07/28/2005 09:40	07/29 08:45	NA	NA	08/01 13:30	Yes	SOIL
		Mg/KG	Potassium - Total	6010	1.00	07/28/2005 09:40	07/29 08:45	NA	NA	08/01 13:30	Yes	SOIL
A5B1153502	Method Blank	Mg/KG	Selenium - Total	6010	1.00	07/28/2005 09:40	07/29 08:45	NA	NA	08/01 13:30	Yes	SOIL
		Mg/KG	Silver - Total	6010	1.00	07/28/2005 09:40	07/29 08:45	NA	NA	08/01 13:30	Yes	SOIL
		Mg/KG	Sodium - Total	6010	1.00	07/28/2005 09:40	07/29 08:45	NA	NA	08/01 13:30	Yes	SOIL
		Mg/KG	Thallium - Total	6010	1.00	07/28/2005 09:40	07/29 08:45	NA	NA	08/01 13:30	Yes	SOIL
		Mg/KG	Vanadium - Total	6010	1.00	07/28/2005 09:40	07/29 08:45	NA	NA	08/01 13:30	Yes	SOIL
		Mg/KG	Zinc - Total	6010	1.00	07/28/2005 09:40	07/29 08:45	NA	NA	08/01 13:30	Yes	SOIL
		Mg/KG	Aluminum - Total	6010	1.00	07/28/2005 09:40	07/29 08:45	NA	NA	08/01 13:30	Yes	SOIL
		Mg/KG	Antimony - Total	6010	1.00	07/28/2005 09:40	07/29 08:45	NA	NA	08/01 13:30	Yes	SOIL
		Mg/KG										
		Mg/KG										

84/87

AHT = Analysis Holding Time Met
THI = TCLP Holding Time Met
NA = Not Applicable

ENVIRONMENTAL STRATEGIES CORPORATION
QC CHRONOLOGY

Date: 08/18/2005 16:15:00
Jobno: A05-8066

Rept: ANO369

Lab ID	Sample ID	Units	Analyte	Method	Dilution Factor	Sample Date	Receive Date	TCLP Date	THI	Analysis Date	AHT	Matrix
A5B1153502	Method Blank	Mg/Kg	Arsenic - Total	6010	1.00	-	- 08:45	NA	NA	08/01 13:01	Yes	SOIL
		Mg/Kg	Barium - Total	6010	1.00	-	- 08:45	NA	NA	08/01 13:01	Yes	SOIL
		Mg/Kg	Beryllium - Total	6010	1.00	-	- 08:45	NA	NA	08/01 13:01	Yes	SOIL
		Mg/Kg	Cadmium - Total	6010	1.00	-	- 08:45	NA	NA	08/01 13:01	Yes	SOIL
		Mg/Kg	Calcium - Total	6010	1.00	-	- 08:45	NA	NA	08/01 13:01	Yes	SOIL
		Mg/Kg	Chromium - Total	6010	1.00	-	- 08:45	NA	NA	08/01 13:01	Yes	SOIL
		Mg/Kg	Cobalt - Total	6010	1.00	-	- 08:45	NA	NA	08/01 13:01	Yes	SOIL
		Mg/Kg	Copper - Total	6010	1.00	-	- 08:45	NA	NA	08/01 13:01	Yes	SOIL
		Mg/Kg	Iron - Total	6010	1.00	-	- 08:45	NA	NA	08/01 13:01	Yes	SOIL
		Mg/Kg	Lead - Total	6010	1.00	-	- 08:45	NA	NA	08/01 13:01	Yes	SOIL
		Mg/Kg	Magnesium - Total	6010	1.00	-	- 08:45	NA	NA	08/01 13:01	Yes	SOIL
		Mg/Kg	Manganese - Total	6010	1.00	-	- 08:45	NA	NA	08/01 13:01	Yes	SOIL
		Mg/Kg	Nickel - Total	6010	1.00	-	- 08:45	NA	NA	08/01 13:01	Yes	SOIL
		Mg/Kg	Potassium - Total	6010	1.00	-	- 08:45	NA	NA	08/01 13:01	Yes	SOIL
		Mg/Kg	Selenium - Total	6010	1.00	-	- 08:45	NA	NA	08/01 13:01	Yes	SOIL
		Mg/Kg	Silver - Total	6010	1.00	-	- 08:45	NA	NA	08/01 13:01	Yes	SOIL
		Mg/Kg	Sodium - Total	6010	1.00	-	- 08:45	NA	NA	08/01 13:01	Yes	SOIL
		Mg/Kg	Thallium - Total	6010	1.00	-	- 08:45	NA	NA	08/01 13:01	Yes	SOIL
		Mg/Kg	Vanadium - Total	6010	1.00	-	- 08:45	NA	NA	08/01 13:01	Yes	SOIL
		Mg/Kg	Zinc - Total	6010	1.00	-	- 08:45	NA	NA	08/01 13:01	Yes	SOIL
A5B1158302	Method Blank	Mg/L	Aluminum - Total	6010	1.00	-	- 08:45	NA	NA	08/02 13:12	Yes	WATER
		Mg/L	Antimony - Total	6010	1.00	-	- 08:45	NA	NA	08/02 13:12	Yes	WATER
		Mg/L	Arsenic - Total	6010	1.00	-	- 08:45	NA	NA	08/02 13:12	Yes	WATER
		Mg/L	Barium - Total	6010	1.00	-	- 08:45	NA	NA	08/02 13:12	Yes	WATER
		Mg/L	Beryllium - Total	6010	1.00	-	- 08:45	NA	NA	08/02 13:12	Yes	WATER
		Mg/L	Cadmium - Total	6010	1.00	-	- 08:45	NA	NA	08/02 13:12	Yes	WATER
		Mg/L	Calcium - Total	6010	1.00	-	- 08:45	NA	NA	08/02 13:12	Yes	WATER
		Mg/L	Chromium - Total	6010	1.00	-	- 08:45	NA	NA	08/02 13:12	Yes	WATER
		Mg/L	Cobalt - Total	6010	1.00	-	- 08:45	NA	NA	08/02 13:12	Yes	WATER
		Mg/L	Copper - Total	6010	1.00	-	- 08:45	NA	NA	08/02 13:12	Yes	WATER
		Mg/L	Iron - Total	6010	1.00	-	- 08:45	NA	NA	08/02 13:12	Yes	WATER
		Mg/L	Lead - Total	6010	1.00	-	- 08:45	NA	NA	08/02 13:12	Yes	WATER
		Mg/L	Magnesium - Total	6010	1.00	-	- 08:45	NA	NA	08/02 13:12	Yes	WATER
		Mg/L	Manganese - Total	6010	1.00	-	- 08:45	NA	NA	08/02 13:12	Yes	WATER
		Mg/L	Nickel - Total	6010	1.00	-	- 08:45	NA	NA	08/02 13:12	Yes	WATER
		Mg/L	Potassium - Total	6010	1.00	-	- 08:45	NA	NA	08/02 13:12	Yes	WATER
		Mg/L	Selenium - Total	6010	1.00	-	- 08:45	NA	NA	08/02 13:12	Yes	WATER
		Mg/L	Silver - Total	6010	1.00	-	- 08:45	NA	NA	08/02 13:12	Yes	WATER
		Mg/L	Sodium - Total	6010	1.00	-	- 08:45	NA	NA	08/02 13:12	Yes	WATER
		Mg/L	Thallium - Total	6010	1.00	-	- 08:45	NA	NA	08/02 13:12	Yes	WATER
A5B1162602	Method Blank	Mg/L	Vanadium - Total	6010	1.00	-	- 08:45	NA	NA	08/02 13:12	Yes	WATER
		Mg/L	Zinc - Total	6010	1.00	-	- 08:45	NA	NA	08/02 13:12	Yes	WATER
		Mg/L	Mercury - Total	7470	1.00	-	- 08:45	NA	NA	08/01 16:03	Yes	WATER
		Mg/L	Mercury - Total	7471	1.00	-	- 08:45	NA	NA	08/04 11:59	Yes	SOIL
		Mg/L	Mercury - Total	7470	1.00	-	- 08:45	NA	NA	08/01 16:02	Yes	WATER
		Mg/L	Mercury - Total	7471	1.00	-	- 08:45	NA	NA	08/04 11:58	Yes	SOIL
		Mg/L	Aluminum - Total	6010	1.00	-	- 08:45	NA	NA	08/01 13:05	Yes	SOIL
		Mg/L	Antimony - Total	6010	1.00	-	- 08:45	NA	NA	08/01 13:05	Yes	SOIL

AHT = Analysis Holding Time Met
THI = TCLP Holding Time Met
NA = Not Applicable

STL Buffalo

85/87

Lab ID	Sample ID	Units	Analyte	Method	Dilution Factor	Sample Date	Receive Date	TCLP Date	THT	Analysis Date	AHT	Matrix
A5B1153501	LCS CLP Soils	Mg/Kg	Arsenic - Total	6010	1.00	-	- 08:45	NA	NA	08/01 13:05	Yes	SOIL
		Mg/Kg	Barium - Total	6010	1.00	-	- 08:45	NA	NA	08/01 13:05	Yes	SOIL
		Mg/Kg	Beryllium - Total	6010	1.00	-	- 08:45	NA	NA	08/01 13:05	Yes	SOIL
		Mg/Kg	Cadmium - Total	6010	1.00	-	- 08:45	NA	NA	08/01 13:05	Yes	SOIL
		Mg/Kg	Calcium - Total	6010	1.00	-	- 08:45	NA	NA	08/01 13:05	Yes	SOIL
		Mg/Kg	Chromium - Total	6010	1.00	-	- 08:45	NA	NA	08/01 13:05	Yes	SOIL
		Mg/Kg	Cobalt - Total	6010	1.00	-	- 08:45	NA	NA	08/01 13:05	Yes	SOIL
		Mg/Kg	Copper - Total	6010	1.00	-	- 08:45	NA	NA	08/01 13:05	Yes	SOIL
		Mg/Kg	Iron - Total	6010	1.00	-	- 08:45	NA	NA	08/01 13:05	Yes	SOIL
		Mg/Kg	Lead - Total	6010	1.00	-	- 08:45	NA	NA	08/01 13:05	Yes	SOIL
		Mg/Kg	Magnesium - Total	6010	1.00	-	- 08:45	NA	NA	08/01 13:05	Yes	SOIL
		Mg/Kg	Manganese - Total	6010	1.00	-	- 08:45	NA	NA	08/01 13:05	Yes	SOIL
		Mg/Kg	Nickel - Total	6010	1.00	-	- 08:45	NA	NA	08/01 13:05	Yes	SOIL
		Mg/Kg	Potassium - Total	6010	1.00	-	- 08:45	NA	NA	08/01 13:05	Yes	SOIL
		Mg/Kg	Selenium - Total	6010	1.00	-	- 08:45	NA	NA	08/01 13:05	Yes	SOIL
		Mg/Kg	Silver - Total	6010	1.00	-	- 08:45	NA	NA	08/01 13:05	Yes	SOIL
		Mg/Kg	Sodium - Total	6010	1.00	-	- 08:45	NA	NA	08/01 13:05	Yes	SOIL
		Mg/Kg	Thallium - Total	6010	1.00	-	- 08:45	NA	NA	08/01 13:05	Yes	SOIL
		Mg/Kg	Vanadium - Total	6010	1.00	-	- 08:45	NA	NA	08/01 13:05	Yes	SOIL
		Mg/Kg	Zinc - Total	6010	1.00	-	- 08:45	NA	NA	08/01 13:05	Yes	SOIL
A5B1158301	LFB	Mg/L	Aluminum - Total	6010	1.00	-	- 08:45	NA	NA	08/02 13:17	Yes	WATER
		Mg/L	Antimony - Total	6010	1.00	-	- 08:45	NA	NA	08/02 13:17	Yes	WATER
		Mg/L	Arsenic - Total	6010	1.00	-	- 08:45	NA	NA	08/02 13:17	Yes	WATER
		Mg/L	Barium - Total	6010	1.00	-	- 08:45	NA	NA	08/02 13:17	Yes	WATER
		Mg/L	Beryllium - Total	6010	1.00	-	- 08:45	NA	NA	08/02 13:17	Yes	WATER
		Mg/L	Cadmium - Total	6010	1.00	-	- 08:45	NA	NA	08/02 13:17	Yes	WATER
		Mg/L	Calcium - Total	6010	1.00	-	- 08:45	NA	NA	08/02 13:17	Yes	WATER
		Mg/L	Chromium - Total	6010	1.00	-	- 08:45	NA	NA	08/02 13:17	Yes	WATER
		Mg/L	Cobalt - Total	6010	1.00	-	- 08:45	NA	NA	08/02 13:17	Yes	WATER
		Mg/L	Copper - Total	6010	1.00	-	- 08:45	NA	NA	08/02 13:17	Yes	WATER
		Mg/L	Iron - Total	6010	1.00	-	- 08:45	NA	NA	08/02 13:17	Yes	WATER
		Mg/L	Lead - Total	6010	1.00	-	- 08:45	NA	NA	08/02 13:17	Yes	WATER
		Mg/L	Magnesium - Total	6010	1.00	-	- 08:45	NA	NA	08/02 13:17	Yes	WATER
		Mg/L	Manganese - Total	6010	1.00	-	- 08:45	NA	NA	08/02 13:17	Yes	WATER
		Mg/L	Nickel - Total	6010	1.00	-	- 08:45	NA	NA	08/02 13:17	Yes	WATER
		Mg/L	Potassium - Total	6010	1.00	-	- 08:45	NA	NA	08/02 13:17	Yes	WATER
		Mg/L	Selenium - Total	6010	1.00	-	- 08:45	NA	NA	08/02 13:17	Yes	WATER
		Mg/L	Silver - Total	6010	1.00	-	- 08:45	NA	NA	08/02 13:17	Yes	WATER
		Mg/L	Sodium - Total	6010	1.00	-	- 08:45	NA	NA	08/02 13:17	Yes	WATER
		Mg/L	Thallium - Total	6010	1.00	-	- 08:45	NA	NA	08/02 13:17	Yes	WATER
		Mg/L	Vanadium - Total	6010	1.00	-	- 08:45	NA	NA	08/02 13:17	Yes	WATER
		Mg/L	Zinc - Total	6010	1.00	-	- 08:45	NA	NA	08/02 13:17	Yes	WATER

86/87

AHT = Analysis Holding Time Met
THT = TCLP Holding Time Met
NA = Not Applicable

STL Buffalo

[illegible]

Centek Laboratories, LLC

143 Midler Park Drive
Syracuse, NY 13206
(315) 431-9730
www.CentekLabs.com

Environmental Strategies Consulting, LLC

Sample Data Package
September 22, 2005



EPT- Ithaca

- Work Order Summary
- Analytical Results Summary
- Quality Control Summary
- Sample Data
- Standards Data
- Raw Data
- Log Books

CONFIDENTIAL

GC/MS TO-15 Package Review Checklist

Client : ESC Project : EPT - ITWPCA SDG : C0509018

		<u>YES</u>	<u>NO</u>	<u>NA</u>
Analytical Results	Present and complete	✓	—	—
Tentatively Identified Compounds	Present and complete	✓	—	—
	Holding times met	✓	—	—

Comments : _____

Internal Chain-of-Custody	Present and complete	✓	—	—
Surrogate Recovery Forms	Present and complete	✓	—	—
	Surrogate recoveries within limits	✓	—	—
	Sample(s) reanalyzed	—	—	✓

Comments : _____

Lab. Control Sample	Present and complete	✓	—	—
	Spike recoveries within limits	—	✓	—

Comments : _____
* SEE CASE NARRATIVE

Duplicate Analysis Form	Present and complete	✓	—	—
	Results within control limits	—	✓	—

Comments : _____
* SEE CASE NARRATIVE

IDLs	Present and complete	✓	—	—

Sample Raw data	Present and complete	✓	—	—
	TIC spectra present for all samples	✓	—	—

Comments : _____

GC/MS TO-15 Package Review Checklist

Client : ESC Project : EPT - ITHACA SDG : C6509018

		<u>YES</u>	<u>NO</u>	<u>NA</u>
Standards Data				
Initial calibration summary form	Present and complete	<u>\</u>	<u> </u>	<u> </u>
	calibration(s) met criteria	<u>\</u>	<u> </u>	<u> </u>
Calibration verification summary	Present and complete	<u>\</u>	<u> </u>	<u> </u>
	calibration(s) met criteria	<u>\</u>	<u> </u>	<u> </u>
Standards Raw Data	Present and complete	<u>\</u>	<u> </u>	<u> </u>

Comments : _____

Raw Quality Control Data

Tune Criteria Report	Present and met criteria	<u>\</u>	<u> </u>	<u> </u>
Method Blank Data	Method blank results <PQL	<u>\</u>	<u> </u>	<u> </u>
	Associated results flagged "B"	<u> </u>	<u> </u>	<u>\</u>
Lab. Control sample data	Present and Complete	<u>\</u>	<u> </u>	<u> </u>
Duplicate sample data	Present and Complete	<u>\</u>	<u> </u>	<u> </u>

Comments : _____

Calculation Sheet	Present	<u>\</u>	<u> </u>	<u> </u>
Injection Log	Present and complete	<u>\</u>	<u> </u>	<u> </u>
Canister Cleaning Log	Present and complete	<u>\</u>	<u> </u>	<u> </u>
Standards Log	Present and complete	<u>\</u>	<u> </u>	<u> </u>

Additional Comments : _____

Section Supervisor : 1/R Date : 10/9/05

QC Reviewer : Neil Scale Date : 10/14/05

ASP CAT B LIKE DELIVERABLE PACKAGE

Table of Contents

- 1. Package Review Check List**
- 2. Case Narrative**
 - a. Corrective actions
- 3. Sample Summary Form**
- 4. Sample Tracking History**
- 5. Bottle Order**
- 6. Analytical Results**
 - a. Form 1
- 7. Quality Control Summary**
 - a. QC Summary Report
 - b. IS Summary Report
 - c. MB Summary Report
 - d. LCS Summary Report
 - e. MSD Summary Report
 - f. IDL's
 - g. Calculation
- 8. Sample Data**
 - a. Form I and (if requested) TIC's
 - b. Quantitation Report with Spectra
- 9. Standards Data**
 - a. Initial Calibration with Quant Report
 - b. Continuing Calibration with Quant Report
- 10. Raw Data**
 - a. Tuning Data
- 11. Raw QC Data**
 - a. Method Blank
 - b. LCS
 - c. MS/MSD
- 12. Log Books**
 - a. Injection Log Book
 - b. Standards Log Book
 - c. QC Canister Log Book

CLIENT: ESC Environmental**Project:** 127491.05**Lab Order:** C0509018**CASE NARRATIVE**

All method blanks, laboratory spikes, and/or matrix spikes met quality assurance objective except as indicated in the case narrative. All samples were received and analyzed within the EPA recommended holding times. Samples were analyzed using the methods outlined in the following references:

Compendium of Methods for the Determination of Toxic Organic Compounds, Compendium Method TO-15, January 1999.

See Corrective Action: [186] IS did not meet criteria for samples.

See Corrective Action: [187] MS/MSD did not meet criteria for samples.

Centek Laboratories, LLC

Corrective Action Report

Date Initiated: 29-Sep-05
Initiated By: Russell Pellegrino

Corrective Action Report ID: 186
Department: MSVOA

Corrective Action Description

CAR Summary: IS did not meet criteria for samples.

Description of Nonconformance: IS was slightly higher and did not meet criteria for sample C0509018-010A MS/MSD. This is most likely due to matrix.

Description of Corrective Action: Both MS/MSD show similar results.

Performed By: Russell Pellegrino

Completion Date: 30-Sep-05

Client Notification

Client Notification Required: No

Notified By:

Comment:

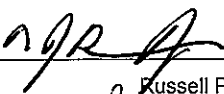
Quality Assurance Review

Nonconformance Type: Deficiency

Further Action required by QA: Since both MS/MSD show similar results, no further corrective action taken.

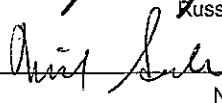
Approval and Closure

Technical Director /
Deputy Tech. Dir.:


Russell Pellegrino

Close Date: 30-Sep-05

QA Officer Approval:


Nick Scala

QA Date: 30-Sep-05

Centek Laboratories, LLC

Corrective Action Report

Date Initiated: 29-Sep-05

Corrective Action Report ID: 187

Initiated By: Russell Pellegrino

Department: MSVOA

Corrective Action Description

CAR Summary: MS/MSD did not meet criteria for samples.

Description of Nonconformance: Several compounds did not meet criteria for sample C0509018-010A MS/MSD. Both MS/MSD show similar results. This is most likely due to matrix.

Description of Corrective Action: Both MS/MSD show similar results.

Performed By: Russell Pellegrino

Completion Date: 29-Sep-05

Client Notification

Client Notification Required: No

Notified By:

Comment:

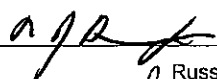
Quality Assurance Review

Nonconformance Type: Deficiency

Further Action required by QA: Since both MS/MSD show similar results, no further corrective action taken.

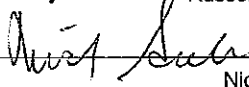
Approval and Closure

Technical Director /
Deputy Tech. Dir.:


Russell Pellegrino

Close Date: 30-Sep-05

QA Officer Approval:


Nick Scala

QA Date: 30-Sep-05

Project Number:	Site and Location:	Matrices:	Number of Containers		Requested Analyses	No.
Sampler's Name(s):	Sampler's Signature(s):	S = Soil; Aq = Water A = Air; Bu = Bulk; W = Wipe Bi = Biota; OW = Oily Waste; O = Other	Date	Time	Matrix	Remarks
127491-05	EPT, Ithaca, NY		9/22/05	1048	A	199, 116
RD1AA092205			9/23/05	1048	A	223, 178
RD2AA092205			9/23/05	1110	A	171, 124
RD1SS092205			9/22/05	1315	A	165, 67
RD2SS092205			9/22/05	1225	A	248, 175
RD3SS092205			9/22/05	1327	A	237, 80
RD1IAB092205			9/22/05	1315	A	163, 55
RD2IAB092205			9/22/05	1304	A	166, 49
RD3IAB092205			9/22/05	1306	A	162, 41
TRIP BLANK			9/23/05	1308	A	210, 82
					A	243
						(*) DETECTION LIMITS
						ARE 0.25 ug/m ³ FOR
						TCE; 1.0 ug/m ³ FOR
						ALL OTHER COMPOUNDS
Relinquished by (Signature):	9/23/05	1609	Received by (Signature):		Laboratory Name:	
Relinquished by (Signature):	9/23/05	1610	Received by (Signature):		Laboratory Location:	
					Custody Seal Numbers:	
Turn-Around Time:			Tracking Number:		Method of Shipment:	

Centek Laboratories, LLC

Sample Receipt Checklist

Client Name **ESC ENVIRONMENTAL STR**

Date and Time Receive

9/26/2005

Work Order Number **C0509018**

Received by **MSP**

Checklist completed by

M. T. ...
Signature

Date

Reviewed by

LJP
Initials

9/26/05
Date

Matrix

Carrier name Courier

Shipping container/cooler in good condition?	Yes ☒	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☒
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☒
Chain of custody present?	Yes ☒	No ☐	
Chain of custody signed when relinquished and received?	Yes ☒	No ☐	
Chain of custody agrees with sample labels?	Yes ☒	No ☐	
Samples in proper container/bottle?	Yes ☒	No ☐	
Sample containers intact?	Yes ☒	No ☐	
Sufficient sample volume for indicated test?	Yes ☒	No ☐	
All samples received within holding time?	Yes ☒	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☐	No ☒	
Water - VOA vials have zero headspace?	No VOA vials submitted ☐	Yes ☐	No ☐
Water - pH acceptable upon receipt?	Yes ☐	No ☒	

Adjusted? _____ Checked by _____

Any No and/or NA (not applicable) response must be detailed in the comments section below

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding _____

Comments: _____

Corrective Action _____

Sample ID:	Action:	ActionDate:	Person:	NewLocation:
C0509018-001A	Login	9/26/2005 9:29:56 AM	Mike	Sample Log In
C0509018-008A	Login	9/26/2005 9:38:06 AM	Mike	Sample Log In
C0509018-011A	Login	9/26/2005 9:38:06 AM	Mike	Sample Log In
C0509018-009A	Login	9/26/2005 9:38:06 AM	Mike	Sample Log In
C0509018-007A	Login	9/26/2005 9:38:06 AM	Mike	Sample Log In
C0509018-006A	Login	9/26/2005 9:38:06 AM	Mike	Sample Log In
C0509018-005A	Login	9/26/2005 9:38:06 AM	Mike	Sample Log In
C0509018-004A	Login	9/26/2005 9:38:06 AM	Mike	Sample Log In
C0509018-003A	Login	9/26/2005 9:38:06 AM	Mike	Sample Log In
C0509018-002A	Login	9/26/2005 9:38:06 AM	Mike	Sample Log In
C0509018-010A	Login	9/26/2005 9:38:06 AM	Mike	Sample Log In
C0509018-005A	Transfer	9/29/2005 11:59:19 AM	ADM	GC/MS Lab
C0509018-011A	Transfer	9/29/2005 11:59:19 AM	ADM	GC/MS Lab
C0509018-010A	Transfer	9/29/2005 11:59:19 AM	ADM	GC/MS Lab
C0509018-009A	Transfer	9/29/2005 11:59:19 AM	ADM	GC/MS Lab
C0509018-008A	Transfer	9/29/2005 11:59:19 AM	ADM	GC/MS Lab
C0509018-004A	Transfer	9/29/2005 11:59:19 AM	ADM	GC/MS Lab
C0509018-003A	Transfer	9/29/2005 11:59:19 AM	ADM	GC/MS Lab
C0509018-002A	Transfer	9/29/2005 11:59:19 AM	ADM	GC/MS Lab
C0509018-001A	Transfer	9/29/2005 11:59:19 AM	ADM	GC/MS Lab
C0509018-006A	Transfer	9/29/2005 11:59:19 AM	ADM	GC/MS Lab
C0509018-007A	Transfer	9/29/2005 11:59:19 AM	ADM	GC/MS Lab
C0509018-010A	Mark as Consumed	9/30/2005 2:32:37 PM	ADM	Consumed
C0509018-002A	Mark as Consumed	9/30/2005 2:32:37 PM	ADM	Consumed
C0509018-003A	Mark as Consumed	9/30/2005 2:32:37 PM	ADM	Consumed
C0509018-004A	Mark as Consumed	9/30/2005 2:32:37 PM	ADM	Consumed
C0509018-005A	Mark as Consumed	9/30/2005 2:32:37 PM	ADM	Consumed
C0509018-006A	Mark as Consumed	9/30/2005 2:32:37 PM	ADM	Consumed
C0509018-007A	Mark as Consumed	9/30/2005 2:32:37 PM	ADM	Consumed
C0509018-009A	Mark as Consumed	9/30/2005 2:32:37 PM	ADM	Consumed
C0509018-011A	Mark as Consumed	9/30/2005 2:32:37 PM	ADM	Consumed
C0509018-001A	Mark as Consumed	9/30/2005 2:32:37 PM	ADM	Consumed
C0509018-008A	Mark as Consumed	9/30/2005 2:32:37 PM	ADM	Consumed

CLIENT: ESC Environmental Strategies
Project: 127491.05
Lab Order: C0509018

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
C0509018-001A	RD1AA092205	199, 116	9/22/2005	9/26/2005
C0509018-002A	RD2AA092205	223, 178	9/22/2005	9/26/2005
C0509018-003A	RD1SS092205	171, 124	9/22/2005	9/26/2005
C0509018-004A	RD2SS092205	165, 67	9/22/2005	9/26/2005
C0509018-005A	RD3SS092205	248, 175	9/22/2005	9/26/2005
C0509018-006A	RD3SSR092205	237, 80	9/22/2005	9/26/2005
C0509018-007A	RD1IAB092205	163, 55	9/22/2005	9/26/2005
C0509018-008A	RD2IAB092205	166, 49	9/22/2005	9/26/2005
C0509018-009A	RD2IABR092205	162,	9/22/2005	9/26/2005
C0509018-010A	RD3IAB092205	210	9/22/2005	9/26/2005
C0509018-011A	TRIP BLANK	243	9/22/2005	9/26/2005

Centek Laboratories, LLC

143 Midler Park Drive
Syracuse, NY 13206

TEL: 3154319730

FAX: 3154319731

BOTTLE ORDER**344**

09-Oct-05

SHIPPED TO:

Company: ESC Environmental Strategies
Contact: Brian Silber
Address: 9 Albany Street
Cazenovia, NY 13035
Phone: (315) 655-3900
Quote ID: 0
Project:

Submitted By:

Ship Date: 9/20/2005
VIA: UPS
Due Date: 9/21/2005

Bottle Code	Bottle Type	TEST(s)	QTY
MC1000CC	1000cc Mini-Can	Air Toxic TO15 1ug/m3 w/ 0.25ug/M	10

Can / Reg ID	Description
41	Time-Set Reg - 531
55	Time-Set Reg - 536
67	Time-Set Reg - 546
80	Time-Set Reg
82	Time-Set Reg
116	Time-Set Reg - 590
124	Time-Set Reg - 628
134	1L Mini-Can - 1095
162	1L Mini-Can - 1132
165	1L Mini-Can - 1135
166	1L Mini-Can - 1136
171	1L Mini-Can - 1142
175	Time-Set Reg - 658
178	Time-Set Reg - 665
199	1L Mini-Can - 1154
210	1.4L Mini-Can - 1116
223	1L Mini-Can - 1185
237	1L Mini-Can - 1168
243	1L Mini-Can - 1175
248	1L Mini-Can - 1180

Comments: 6@24hr and 4@1hr + 2 splitter and a Trip Blank WAC 090605 EF

GC/MS VOLATILES-WHOLE AIR

METHOD TO-15

ANALYTICAL RESULTS

Centek Laboratories, LLC

Date: 09-Oct-05

CLIENT: ESC Environmental
Lab Order: C0509018
Project: 127491.05
Lab ID: C0509018-001A

Client Sample ID: RD1AA092205
Tag Number: 199, 116
Collection Date: 9/22/2005
Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15 1UG/M3 W/ 0.25UG/M3 TCE		TO-15		Analyst: RJP		
1,1,1-Trichloroethane	ND	0.150		ppbV	1	9/29/2005
1,1,2,2-Tetrachloroethane	ND	0.150		ppbV	1	9/29/2005
1,1,2-Trichloroethane	ND	0.150		ppbV	1	9/29/2005
1,1-Dichloroethane	ND	0.150		ppbV	1	9/29/2005
1,1-Dichloroethene	ND	0.150		ppbV	1	9/29/2005
1,2,4-Trichlorobenzene	ND	0.150		ppbV	1	9/29/2005
1,2,4-Trimethylbenzene	0.780	0.150		ppbV	1	9/29/2005
1,2-Dibromoethane	ND	0.150		ppbV	1	9/29/2005
1,2-Dichlorobenzene	ND	0.150		ppbV	1	9/29/2005
1,2-Dichloroethane	ND	0.150		ppbV	1	9/29/2005
1,2-Dichloropropane	ND	0.150		ppbV	1	9/29/2005
1,3,5-Trimethylbenzene	0.700	0.150		ppbV	1	9/29/2005
1,3-butadiene	ND	0.150		ppbV	1	9/29/2005
1,3-Dichlorobenzene	ND	0.150		ppbV	1	9/29/2005
1,4-Dichlorobenzene	ND	0.150		ppbV	1	9/29/2005
1,4-Dioxane	ND	0.300		ppbV	1	9/29/2005
2,2,4-trimethylpentane	0.080	0.150	J	ppbV	1	9/29/2005
4-ethyltoluene	0.150	0.150	J	ppbV	1	9/29/2005
Acetone	ND	0.300		ppbV	1	9/29/2005
Allyl chloride	ND	0.150		ppbV	1	9/29/2005
Benzene	0.350	0.150		ppbV	1	9/29/2005
Benzyl chloride	ND	0.150		ppbV	1	9/29/2005
Bromodichloromethane	ND	0.150		ppbV	1	9/29/2005
Bromoform	ND	0.150		ppbV	1	9/29/2005
Bromomethane	ND	0.150		ppbV	1	9/29/2005
Carbon disulfide	ND	0.150		ppbV	1	9/29/2005
Carbon tetrachloride	0.14	0.150	J	ppbV	1	9/29/2005
Chlorobenzene	ND	0.150		ppbV	1	9/29/2005
Chloroethane	ND	0.150		ppbV	1	9/29/2005
Chloroform	ND	0.150		ppbV	1	9/29/2005
Chloromethane	ND	0.150		ppbV	1	9/29/2005
cis-1,2-Dichloroethene	ND	0.150		ppbV	1	9/29/2005
cis-1,3-Dichloropropene	ND	0.150		ppbV	1	9/29/2005
Cyclohexane	ND	0.150		ppbV	1	9/29/2005
Dibromochloromethane	ND	0.150		ppbV	1	9/29/2005
Ethyl acetate	ND	0.250		ppbV	1	9/29/2005
Ethylbenzene	0.170	0.150		ppbV	1	9/29/2005
Freon 11	0.360	0.150		ppbV	1	9/29/2005
Freon 113	0.12	0.150	J	ppbV	1	9/29/2005
Freon 114	ND	0.150		ppbV	1	9/29/2005

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 at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 09-Oct-05

CLIENT: ESC Environmental
Lab Order: C0509018
Project: 127491.05
Lab ID: C0509018-001A

Client Sample ID: RD1AA092205
Tag Number: 199, 116
Collection Date: 9/22/2005
Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15 1UG/M3 W/ 0.25UG/M3 TCE		TO-15		Analyst: RJP		
Freon 12	0.810	0.150		ppbV	1	9/29/2005
Heptane	ND	0.150		ppbV	1	9/29/2005
Hexachloro-1,3-butadiene	ND	0.150		ppbV	1	9/29/2005
Hexane	ND	0.150		ppbV	1	9/29/2005
Isopropyl alcohol	ND	0.150		ppbV	1	9/29/2005
m-Xylene	0.380	0.150		ppbV	1	9/29/2005
Methyl Butyl Ketone	ND	0.300		ppbV	1	9/29/2005
Methyl Ethyl Ketone	ND	0.300		ppbV	1	9/29/2005
Methyl Isobutyl Ketone	ND	0.300		ppbV	1	9/29/2005
Methyl tert-butyl ether	ND	0.150		ppbV	1	9/29/2005
Methylene chloride	ND	0.150		ppbV	1	9/29/2005
o-Xylene	0.310	0.150		ppbV	1	9/29/2005
p-Xylene	0.250	0.150		ppbV	1	9/29/2005
Propylene	ND	0.150		ppbV	1	9/29/2005
Styrene	ND	0.150		ppbV	1	9/29/2005
Tetrachloroethylene	ND	0.150		ppbV	1	9/29/2005
Tetrahydrofuran	ND	0.150		ppbV	1	9/29/2005
Toluene	1.56	0.150		ppbV	1	9/29/2005
trans-1,2-Dichloroethene	ND	0.150		ppbV	1	9/29/2005
trans-1,3-Dichloropropene	ND	0.150		ppbV	1	9/29/2005
Trichloroethene	0.100	0.0400		ppbV	1	9/29/2005
Vinyl acetate	ND	0.150		ppbV	1	9/29/2005
Vinyl Bromide	ND	0.150		ppbV	1	9/29/2005
Vinyl chloride	ND	0.150		ppbV	1	9/29/2005
Surr: Bromofluorobenzene	106	70-130		%REC	1	9/29/2005

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 at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 09-Oct-05

CLIENT: ESC Environmental
 Lab Order: C0509018
 Project: 127491.05
 Lab ID: C0509018-001A

Client Sample ID: RD1AA092205
 Tag Number: 199, 116
 Collection Date: 9/22/2005
 Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15 1UG/M3 W/ 0.25UG/M3 TCE		TO-15		Analyst: RJP		
1,1,1-Trichloroethane	ND	0.832		ug/m3	1	9/29/2005
1,1,2,2-Tetrachloroethane	ND	1.05		ug/m3	1	9/29/2005
1,1,2-Trichloroethane	ND	0.832		ug/m3	1	9/29/2005
1,1-Dichloroethane	ND	0.617		ug/m3	1	9/29/2005
1,1-Dichloroethene	ND	0.605		ug/m3	1	9/29/2005
1,2,4-Trichlorobenzene	ND	1.13		ug/m3	1	9/29/2005
1,2,4-Trimethylbenzene	3.90	0.749		ug/m3	1	9/29/2005
1,2-Dibromoethane	ND	1.17		ug/m3	1	9/29/2005
1,2-Dichlorobenzene	ND	0.917		ug/m3	1	9/29/2005
1,2-Dichloroethane	ND	0.617		ug/m3	1	9/29/2005
1,2-Dichloropropane	ND	0.705		ug/m3	1	9/29/2005
1,3,5-Trimethylbenzene	3.50	0.750		ug/m3	1	9/29/2005
1,3-butadiene	ND	0.337		ug/m3	1	9/29/2005
1,3-Dichlorobenzene	ND	0.917		ug/m3	1	9/29/2005
1,4-Dichlorobenzene	ND	0.917		ug/m3	1	9/29/2005
1,4-Dioxane	ND	1.10		ug/m3	1	9/29/2005
2,2,4-trimethylpentane	0.380	0.712	J	ug/m3	1	9/29/2005
4-ethyltoluene	0.750	0.750	J	ug/m3	1	9/29/2005
Acetone	ND	0.724		ug/m3	1	9/29/2005
Allyl chloride	ND	0.477		ug/m3	1	9/29/2005
Benzene	1.14	0.487		ug/m3	1	9/29/2005
Benzyl chloride	ND	0.877		ug/m3	1	9/29/2005
Bromodichloromethane	ND	1.02		ug/m3	1	9/29/2005
Bromoform	ND	1.58		ug/m3	1	9/29/2005
Bromomethane	ND	0.592		ug/m3	1	9/29/2005
Carbon disulfide	ND	0.475		ug/m3	1	9/29/2005
Carbon tetrachloride	0.895	0.959	J	ug/m3	1	9/29/2005
Chlorobenzene	ND	0.702		ug/m3	1	9/29/2005
Chloroethane	ND	0.402		ug/m3	1	9/29/2005
Chloroform	ND	0.744		ug/m3	1	9/29/2005
Chloromethane	ND	0.315		ug/m3	1	9/29/2005
cis-1,2-Dichloroethene	ND	0.604		ug/m3	1	9/29/2005
cis-1,3-Dichloropropene	ND	0.692		ug/m3	1	9/29/2005
Cyclohexane	ND	0.525		ug/m3	1	9/29/2005
Dibromochloromethane	ND	1.30		ug/m3	1	9/29/2005
Ethyl acetate	ND	0.916		ug/m3	1	9/29/2005
Ethylbenzene	0.750	0.662		ug/m3	1	9/29/2005
Freon 11	2.06	0.857		ug/m3	1	9/29/2005
Freon 113	0.935	1.17	J	ug/m3	1	9/29/2005
Freon 114	ND	1.07		ug/m3	1	9/29/2005

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 at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 09-Oct-05

CLIENT: ESC Environmental
Lab Order: C0509018
Project: 127491.05
Lab ID: C0509018-001A

Client Sample ID: RD1AA092205
Tag Number: 199, 116
Collection Date: 9/22/2005
Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15 1UG/M3 W/ 0.25UG/M3 TCE		TO-15		Analyst: RJP		
Freon 12	4.07	0.754		ug/m3	1	9/29/2005
Heptane	ND	0.625		ug/m3	1	9/29/2005
Hexachloro-1,3-butadiene	ND	1.63		ug/m3	1	9/29/2005
Hexane	ND	0.537		ug/m3	1	9/29/2005
Isopropyl alcohol	ND	0.375		ug/m3	1	9/29/2005
m-Xylene	1.68	0.662		ug/m3	1	9/29/2005
Methyl Butyl Ketone	ND	1.25		ug/m3	1	9/29/2005
Methyl Ethyl Ketone	ND	0.899		ug/m3	1	9/29/2005
Methyl Isobutyl Ketone	ND	1.25		ug/m3	1	9/29/2005
Methyl tert-butyl ether	ND	0.550		ug/m3	1	9/29/2005
Methylene chloride	ND	0.530		ug/m3	1	9/29/2005
o-Xylene	1.37	0.662		ug/m3	1	9/29/2005
p-Xylene	1.10	0.662		ug/m3	1	9/29/2005
Propylene	ND	0.262		ug/m3	1	9/29/2005
Styrene	ND	0.649		ug/m3	1	9/29/2005
Tetrachloroethylene	ND	1.03		ug/m3	1	9/29/2005
Tetrahydrofuran	ND	0.450		ug/m3	1	9/29/2005
Toluene	5.98	0.575		ug/m3	1	9/29/2005
trans-1,2-Dichloroethene	ND	0.604		ug/m3	1	9/29/2005
trans-1,3-Dichloropropene	ND	0.692		ug/m3	1	9/29/2005
Trichloroethene	0.546	0.218		ug/m3	1	9/29/2005
Vinyl acetate	ND	0.537		ug/m3	1	9/29/2005
Vinyl Bromide	ND	0.667		ug/m3	1	9/29/2005
Vinyl chloride	ND	0.390		ug/m3	1	9/29/2005

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 at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 09-Oct-05

CLIENT: ESC Environmental
Lab Order: C0509018
Project: 127491.05
Lab ID: C0509018-002A

Client Sample ID: RD2AA092205
Tag Number: 223, 178
Collection Date: 9/22/2005
Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15 1UG/M3 W/ 0.25UG/M3 TCE		TO-15		Analyst: RJP		
1,1,1-Trichloroethane	ND	0.150		ppbV	1	9/29/2005
1,1,2,2-Tetrachloroethane	ND	0.150		ppbV	1	9/29/2005
1,1,2-Trichloroethane	ND	0.150		ppbV	1	9/29/2005
1,1-Dichloroethane	ND	0.150		ppbV	1	9/29/2005
1,1-Dichloroethene	ND	0.150		ppbV	1	9/29/2005
1,2,4-Trichlorobenzene	ND	0.150		ppbV	1	9/29/2005
1,2,4-Trimethylbenzene	0.680	0.150		ppbV	1	9/29/2005
1,2-Dibromoethane	ND	0.150		ppbV	1	9/29/2005
1,2-Dichlorobenzene	ND	0.150		ppbV	1	9/29/2005
1,2-Dichloroethane	ND	0.150		ppbV	1	9/29/2005
1,2-Dichloropropane	ND	0.150		ppbV	1	9/29/2005
1,3,5-Trimethylbenzene	0.550	0.150		ppbV	1	9/29/2005
1,3-butadiene	ND	0.150		ppbV	1	9/29/2005
1,3-Dichlorobenzene	ND	0.150		ppbV	1	9/29/2005
1,4-Dichlorobenzene	ND	0.150		ppbV	1	9/29/2005
1,4-Dioxane	ND	0.300		ppbV	1	9/29/2005
2,2,4-trimethylpentane	0.080	0.150	J	ppbV	1	9/29/2005
4-ethyltoluene	0.11	0.150	J	ppbV	1	9/29/2005
Acetone	ND	0.300		ppbV	1	9/29/2005
Allyl chloride	ND	0.150		ppbV	1	9/29/2005
Benzene	0.370	0.150		ppbV	1	9/29/2005
Benzyl chloride	ND	0.150		ppbV	1	9/29/2005
Bromodichloromethane	ND	0.150		ppbV	1	9/29/2005
Bromoform	ND	0.150		ppbV	1	9/29/2005
Bromomethane	ND	0.150		ppbV	1	9/29/2005
Carbon disulfide	ND	0.150		ppbV	1	9/29/2005
Carbon tetrachloride	0.14	0.150	J	ppbV	1	9/29/2005
Chlorobenzene	ND	0.150		ppbV	1	9/29/2005
Chloroethane	ND	0.150		ppbV	1	9/29/2005
Chloroform	ND	0.150		ppbV	1	9/29/2005
Chloromethane	0.850	0.150		ppbV	1	9/29/2005
cis-1,2-Dichloroethene	ND	0.150		ppbV	1	9/29/2005
cis-1,3-Dichloropropene	ND	0.150		ppbV	1	9/29/2005
Cyclohexane	ND	0.150		ppbV	1	9/29/2005
Dibromochloromethane	ND	0.150		ppbV	1	9/29/2005
Ethyl acetate	ND	0.250		ppbV	1	9/29/2005
Ethylbenzene	0.160	0.150		ppbV	1	9/29/2005
Freon 11	0.370	0.150		ppbV	1	9/29/2005
Freon 113	0.12	0.150	J	ppbV	1	9/29/2005
Freon 114	ND	0.150		ppbV	1	9/29/2005

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 at or below quantitation limits
JN Non-routine analyte. Quantitation estimated. ND Not Detected at the Reporting Limit
S Spike Recovery outside accepted recovery limits

Centek Laboratories, LLC

Date: 09-Oct-05

CLIENT: ESC Environmental
Lab Order: C0509018
Project: 127491.05
Lab ID: C0509018-002A

Client Sample ID: RD2AA092205
Tag Number: 223, 178
Collection Date: 9/22/2005
Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15 1UG/M3 W/ 0.25UG/M3 TCE		TO-15		Analyst: RJP		
Freon 12	0.870	0.150		ppbV	1	9/29/2005
Heptane	ND	0.150		ppbV	1	9/29/2005
Hexachloro-1,3-butadiene	ND	0.150		ppbV	1	9/29/2005
Hexane	ND	0.150		ppbV	1	9/29/2005
Isopropyl alcohol	ND	0.150		ppbV	1	9/29/2005
m-Xylene	0.390	0.150		ppbV	1	9/29/2005
Methyl Butyl Ketone	ND	0.300		ppbV	1	9/29/2005
Methyl Ethyl Ketone	ND	0.300		ppbV	1	9/29/2005
Methyl Isobutyl Ketone	ND	0.300		ppbV	1	9/29/2005
Methyl tert-butyl ether	ND	0.150		ppbV	1	9/29/2005
Methylene chloride	ND	0.150		ppbV	1	9/29/2005
o-Xylene	0.280	0.150		ppbV	1	9/29/2005
p-Xylene	0.180	0.150		ppbV	1	9/29/2005
Propylene	ND	0.150		ppbV	1	9/29/2005
Styrene	ND	0.150		ppbV	1	9/29/2005
Tetrachloroethylene	ND	0.150		ppbV	1	9/29/2005
Tetrahydrofuran	ND	0.150		ppbV	1	9/29/2005
Toluene	1.60	0.150		ppbV	1	9/29/2005
trans-1,2-Dichloroethene	ND	0.150		ppbV	1	9/29/2005
trans-1,3-Dichloropropene	ND	0.150		ppbV	1	9/29/2005
Trichloroethene	ND	0.0400		ppbV	1	9/29/2005
Vinyl acetate	ND	0.150		ppbV	1	9/29/2005
Vinyl Bromide	ND	0.150		ppbV	1	9/29/2005
Vinyl chloride	ND	0.150		ppbV	1	9/29/2005
Surr: Bromofluorobenzene	106	70-130		%REC	1	9/29/2005

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 at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 09-Oct-05

CLIENT: ESC Environmental
Lab Order: C0509018
Project: 127491.05
Lab ID: C0509018-002A

Client Sample ID: RD2AA092205
Tag Number: 223, 178
Collection Date: 9/22/2005
Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15 1UG/M3 W/ 0.25UG/M3 TCE		TO-15		Analyst: RJP		
1,1,1-Trichloroethane	ND	0.832		ug/m3	1	9/29/2005
1,1,2,2-Tetrachloroethane	ND	1.05		ug/m3	1	9/29/2005
1,1,2-Trichloroethane	ND	0.832		ug/m3	1	9/29/2005
1,1-Dichloroethane	ND	0.617		ug/m3	1	9/29/2005
1,1-Dichloroethene	ND	0.605		ug/m3	1	9/29/2005
1,2,4-Trichlorobenzene	ND	1.13		ug/m3	1	9/29/2005
1,2,4-Trimethylbenzene	3.40	0.749		ug/m3	1	9/29/2005
1,2-Dibromoethane	ND	1.17		ug/m3	1	9/29/2005
1,2-Dichlorobenzene	ND	0.917		ug/m3	1	9/29/2005
1,2-Dichloroethane	ND	0.617		ug/m3	1	9/29/2005
1,2-Dichloropropane	ND	0.705		ug/m3	1	9/29/2005
1,3,5-Trimethylbenzene	2.75	0.750		ug/m3	1	9/29/2005
1,3-butadiene	ND	0.337		ug/m3	1	9/29/2005
1,3-Dichlorobenzene	ND	0.917		ug/m3	1	9/29/2005
1,4-Dichlorobenzene	ND	0.917		ug/m3	1	9/29/2005
1,4-Dioxane	ND	1.10		ug/m3	1	9/29/2005
2,2,4-trimethylpentane	0.380	0.712	J	ug/m3	1	9/29/2005
4-ethyltoluene	0.550	0.750	J	ug/m3	1	9/29/2005
Acetone	ND	0.724		ug/m3	1	9/29/2005
Allyl chloride	ND	0.477		ug/m3	1	9/29/2005
Benzene	1.20	0.487		ug/m3	1	9/29/2005
Benzyl chloride	ND	0.877		ug/m3	1	9/29/2005
Bromodichloromethane	ND	1.02		ug/m3	1	9/29/2005
Bromoform	ND	1.58		ug/m3	1	9/29/2005
Bromomethane	ND	0.592		ug/m3	1	9/29/2005
Carbon disulfide	ND	0.475		ug/m3	1	9/29/2005
Carbon tetrachloride	0.895	0.959	J	ug/m3	1	9/29/2005
Chlorobenzene	ND	0.702		ug/m3	1	9/29/2005
Chloroethane	ND	0.402		ug/m3	1	9/29/2005
Chloroform	ND	0.744		ug/m3	1	9/29/2005
Chloromethane	1.78	0.315		ug/m3	1	9/29/2005
cis-1,2-Dichloroethene	ND	0.604		ug/m3	1	9/29/2005
cis-1,3-Dichloropropene	ND	0.692		ug/m3	1	9/29/2005
Cyclohexane	ND	0.525		ug/m3	1	9/29/2005
Dibromochloromethane	ND	1.30		ug/m3	1	9/29/2005
Ethyl acetate	ND	0.916		ug/m3	1	9/29/2005
Ethylbenzene	0.706	0.662		ug/m3	1	9/29/2005
Freon 11	2.11	0.857		ug/m3	1	9/29/2005
Freon 113	0.935	1.17	J	ug/m3	1	9/29/2005
Freon 114	ND	1.07		ug/m3	1	9/29/2005

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 at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 09-Oct-05

CLIENT: ESC Environmental
Lab Order: C0509018
Project: 127491.05
Lab ID: C0509018-002A

Client Sample ID: RD2AA092205
Tag Number: 223, 178
Collection Date: 9/22/2005
Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15 1UG/M3 W/ 0.25UG/M3 TCE		TO-15		Analyst: RJP		
Freon 12	4.37	0.754		ug/m3	1	9/29/2005
Heptane	ND	0.625		ug/m3	1	9/29/2005
Hexachloro-1,3-butadiene	ND	1.63		ug/m3	1	9/29/2005
Hexane	ND	0.537		ug/m3	1	9/29/2005
Isopropyl alcohol	ND	0.375		ug/m3	1	9/29/2005
m-Xylene	1.72	0.662		ug/m3	1	9/29/2005
Methyl Butyl Ketone	ND	1.25		ug/m3	1	9/29/2005
Methyl Ethyl Ketone	ND	0.899		ug/m3	1	9/29/2005
Methyl Isobutyl Ketone	ND	1.25		ug/m3	1	9/29/2005
Methyl tert-butyl ether	ND	0.550		ug/m3	1	9/29/2005
Methylene chloride	ND	0.530		ug/m3	1	9/29/2005
o-Xylene	1.24	0.662		ug/m3	1	9/29/2005
p-Xylene	0.794	0.662		ug/m3	1	9/29/2005
Propylene	ND	0.262		ug/m3	1	9/29/2005
Styrene	ND	0.649		ug/m3	1	9/29/2005
Tetrachloroethylene	ND	1.03		ug/m3	1	9/29/2005
Tetrahydrofuran	ND	0.450		ug/m3	1	9/29/2005
Toluene	6.13	0.575		ug/m3	1	9/29/2005
trans-1,2-Dichloroethene	ND	0.604		ug/m3	1	9/29/2005
trans-1,3-Dichloropropene	ND	0.692		ug/m3	1	9/29/2005
Trichloroethene	ND	0.218		ug/m3	1	9/29/2005
Vinyl acetate	ND	0.537		ug/m3	1	9/29/2005
Vinyl Bromide	ND	0.667		ug/m3	1	9/29/2005
Vinyl chloride	ND	0.390		ug/m3	1	9/29/2005

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 at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 09-Oct-05

CLIENT: ESC Environmental
Lab Order: C0509018
Project: 127491.05
Lab ID: C0509018-003A

Client Sample ID: RD1SS092205
Tag Number: 171, 124
Collection Date: 9/22/2005
Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15 1UG/M3 W/ 0.25UG/M3 TCE		TO-15		Analyst: RJP		
1,1,1-Trichloroethane	0.270	0.150		ppbV	1	9/29/2005
1,1,2,2-Tetrachloroethane	ND	0.150		ppbV	1	9/29/2005
1,1,2-Trichloroethane	ND	0.150		ppbV	1	9/29/2005
1,1-Dichloroethane	ND	0.150		ppbV	1	9/29/2005
1,1-Dichloroethene	ND	0.150		ppbV	1	9/29/2005
1,2,4-Trichlorobenzene	ND	0.150		ppbV	1	9/29/2005
1,2,4-Trimethylbenzene	0.560	0.150		ppbV	1	9/29/2005
1,2-Dibromoethane	ND	0.150		ppbV	1	9/29/2005
1,2-Dichlorobenzene	ND	0.150		ppbV	1	9/29/2005
1,2-Dichloroethane	ND	0.150		ppbV	1	9/29/2005
1,2-Dichloropropane	ND	0.150		ppbV	1	9/29/2005
1,3,5-Trimethylbenzene	0.430	0.150		ppbV	1	9/29/2005
1,3-butadiene	ND	0.150		ppbV	1	9/29/2005
1,3-Dichlorobenzene	ND	0.150		ppbV	1	9/29/2005
1,4-Dichlorobenzene	ND	0.150		ppbV	1	9/29/2005
1,4-Dioxane	ND	0.300		ppbV	1	9/29/2005
2,2,4-trimethylpentane	ND	0.150		ppbV	1	9/29/2005
4-ethyltoluene	0.10	0.150	J	ppbV	1	9/29/2005
Acetone	ND	0.300		ppbV	1	9/29/2005
Allyl chloride	ND	0.150		ppbV	1	9/29/2005
Benzene	0.200	0.150		ppbV	1	9/29/2005
Benzyl chloride	ND	0.150		ppbV	1	9/29/2005
Bromodichloromethane	0.430	0.150		ppbV	1	9/29/2005
Bromoform	ND	0.150		ppbV	1	9/29/2005
Bromomethane	ND	0.150		ppbV	1	9/29/2005
Carbon disulfide	0.430	0.150		ppbV	1	9/29/2005
Carbon tetrachloride	0.12	0.150	J	ppbV	1	9/29/2005
Chlorobenzene	ND	0.150		ppbV	1	9/29/2005
Chloroethane	ND	0.150		ppbV	1	9/29/2005
Chloroform	6.90	1.50		ppbV	10	9/29/2005
Chloromethane	ND	0.150		ppbV	1	9/29/2005
cis-1,2-Dichloroethene	1.03	0.150		ppbV	1	9/29/2005
cis-1,3-Dichloropropene	ND	0.150		ppbV	1	9/29/2005
Cyclohexane	ND	0.150		ppbV	1	9/29/2005
Dibromochloromethane	ND	0.150		ppbV	1	9/29/2005
Ethyl acetate	ND	0.250		ppbV	1	9/29/2005
Ethylbenzene	0.13	0.150	J	ppbV	1	9/29/2005
Freon 11	0.410	0.150		ppbV	1	9/29/2005
Freon 113	1.01	0.150		ppbV	1	9/29/2005
Freon 114	ND	0.150		ppbV	1	9/29/2005

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 at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 09-Oct-05

CLIENT: ESC Environmental
Lab Order: C0509018
Project: 127491.05
Lab ID: C0509018-003A

Client Sample ID: RD1SS092205
Tag Number: 171, 124
Collection Date: 9/22/2005
Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15 1UG/M3 W/ 0.25UG/M3 TCE		TO-15		Analyst: RJP		
Freon 12	0.780	0.150		ppbV	1	9/29/2005
Heptane	ND	0.150		ppbV	1	9/29/2005
Hexachloro-1,3-butadiene	ND	0.150		ppbV	1	9/29/2005
Hexane	ND	0.150		ppbV	1	9/29/2005
Isopropyl alcohol	ND	0.150		ppbV	1	9/29/2005
m-Xylene	0.310	0.150		ppbV	1	9/29/2005
Methyl Butyl Ketone	ND	0.300		ppbV	1	9/29/2005
Methyl Ethyl Ketone	ND	0.300		ppbV	1	9/29/2005
Methyl Isobutyl Ketone	ND	0.300		ppbV	1	9/29/2005
Methyl tert-butyl ether	ND	0.150		ppbV	1	9/29/2005
Methylene chloride	ND	0.150		ppbV	1	9/29/2005
o-Xylene	0.300	0.150		ppbV	1	9/29/2005
p-Xylene	0.14	0.150	J	ppbV	1	9/29/2005
Propylene	ND	0.150		ppbV	1	9/29/2005
Styrene	ND	0.150		ppbV	1	9/29/2005
Tetrachloroethylene	1.22	0.150		ppbV	1	9/29/2005
Tetrahydrofuran	ND	0.150		ppbV	1	9/29/2005
Toluene	1.31	0.150		ppbV	1	9/29/2005
trans-1,2-Dichloroethene	ND	0.150		ppbV	1	9/29/2005
trans-1,3-Dichloropropene	ND	0.150		ppbV	1	9/29/2005
Trichloroethene	2.50	0.400		ppbV	10	9/29/2005
Vinyl acetate	ND	0.150		ppbV	1	9/29/2005
Vinyl Bromide	ND	0.150		ppbV	1	9/29/2005
Vinyl chloride	ND	0.150		ppbV	1	9/29/2005
Surr: Bromofluorobenzene	98.0	70-130		%REC	1	9/29/2005

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 at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 09-Oct-05

CLIENT: ESC Environmental
Lab Order: C0509018
Project: 127491.05
Lab ID: C0509018-003A

Client Sample ID: RD1SS092205
Tag Number: 171, 124
Collection Date: 9/22/2005
Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15 1UG/M3 W/ 0.25UG/M3 TCE		TO-15		Analyst: RJP		
1,1,1-Trichloroethane	1.50	0.832		ug/m3	1	9/29/2005
1,1,2,2-Tetrachloroethane	ND	1.05		ug/m3	1	9/29/2005
1,1,2-Trichloroethane	ND	0.832		ug/m3	1	9/29/2005
1,1-Dichloroethane	ND	0.617		ug/m3	1	9/29/2005
1,1-Dichloroethene	ND	0.605		ug/m3	1	9/29/2005
1,2,4-Trichlorobenzene	ND	1.13		ug/m3	1	9/29/2005
1,2,4-Trimethylbenzene	2.80	0.749		ug/m3	1	9/29/2005
1,2-Dibromoethane	ND	1.17		ug/m3	1	9/29/2005
1,2-Dichlorobenzene	ND	0.917		ug/m3	1	9/29/2005
1,2-Dichloroethane	ND	0.617		ug/m3	1	9/29/2005
1,2-Dichloropropane	ND	0.705		ug/m3	1	9/29/2005
1,3,5-Trimethylbenzene	2.15	0.750		ug/m3	1	9/29/2005
1,3-butadiene	ND	0.337		ug/m3	1	9/29/2005
1,3-Dichlorobenzene	ND	0.917		ug/m3	1	9/29/2005
1,4-Dichlorobenzene	ND	0.917		ug/m3	1	9/29/2005
1,4-Dioxane	ND	1.10		ug/m3	1	9/29/2005
2,2,4-trimethylpentane	ND	0.712		ug/m3	1	9/29/2005
4-ethyltoluene	0.500	0.750	J	ug/m3	1	9/29/2005
Acetone	ND	0.724		ug/m3	1	9/29/2005
Allyl chloride	ND	0.477		ug/m3	1	9/29/2005
Benzene	0.649	0.487		ug/m3	1	9/29/2005
Benzyl chloride	ND	0.877		ug/m3	1	9/29/2005
Bromodichloromethane	2.93	1.02		ug/m3	1	9/29/2005
Bromoform	ND	1.58		ug/m3	1	9/29/2005
Bromomethane	ND	0.592		ug/m3	1	9/29/2005
Carbon disulfide	1.36	0.475		ug/m3	1	9/29/2005
Carbon tetrachloride	0.767	0.959	J	ug/m3	1	9/29/2005
Chlorobenzene	ND	0.702		ug/m3	1	9/29/2005
Chloroethane	ND	0.402		ug/m3	1	9/29/2005
Chloroform	34.2	7.44		ug/m3	10	9/29/2005
Chloromethane	ND	0.315		ug/m3	1	9/29/2005
cis-1,2-Dichloroethene	4.15	0.604		ug/m3	1	9/29/2005
cis-1,3-Dichloropropene	ND	0.692		ug/m3	1	9/29/2005
Cyclohexane	ND	0.525		ug/m3	1	9/29/2005
Dibromochloromethane	ND	1.30		ug/m3	1	9/29/2005
Ethyl acetate	ND	0.916		ug/m3	1	9/29/2005
Ethylbenzene	0.574	0.662	J	ug/m3	1	9/29/2005
Freon 11	2.34	0.857		ug/m3	1	9/29/2005
Freon 113	7.87	1.17		ug/m3	1	9/29/2005
Freon 114	ND	1.07		ug/m3	1	9/29/2005

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 at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 09-Oct-05

CLIENT: ESC Environmental
Lab Order: C0509018
Project: 127491.05
Lab ID: C0509018-003A

Client Sample ID: RD1SS092205
Tag Number: 171, 124
Collection Date: 9/22/2005
Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15 1UG/M3 W/ 0.25UG/M3 TCE				TO-15		Analyst: RJP
Freon 12	3.92	0.754		ug/m3	1	9/29/2005
Heptane	ND	0.625		ug/m3	1	9/29/2005
Hexachloro-1,3-butadiene	ND	1.63		ug/m3	1	9/29/2005
Hexane	ND	0.537		ug/m3	1	9/29/2005
Isopropyl alcohol	ND	0.375		ug/m3	1	9/29/2005
m-Xylene	1.37	0.662		ug/m3	1	9/29/2005
Methyl Butyl Ketone	ND	1.25		ug/m3	1	9/29/2005
Methyl Ethyl Ketone	ND	0.899		ug/m3	1	9/29/2005
Methyl Isobutyl Ketone	ND	1.25		ug/m3	1	9/29/2005
Methyl tert-butyl ether	ND	0.550		ug/m3	1	9/29/2005
Methylene chloride	ND	0.530		ug/m3	1	9/29/2005
o-Xylene	1.32	0.662		ug/m3	1	9/29/2005
p-Xylene	0.618	0.662	J	ug/m3	1	9/29/2005
Propylene	ND	0.262		ug/m3	1	9/29/2005
Styrene	ND	0.649		ug/m3	1	9/29/2005
Tetrachloroethylene	8.41	1.03		ug/m3	1	9/29/2005
Tetrahydrofuran	ND	0.450		ug/m3	1	9/29/2005
Toluene	5.02	0.575		ug/m3	1	9/29/2005
trans-1,2-Dichloroethene	ND	0.604		ug/m3	1	9/29/2005
trans-1,3-Dichloropropene	ND	0.692		ug/m3	1	9/29/2005
Trichloroethene	13.7	2.18		ug/m3	10	9/29/2005
Vinyl acetate	ND	0.537		ug/m3	1	9/29/2005
Vinyl Bromide	ND	0.667		ug/m3	1	9/29/2005
Vinyl chloride	ND	0.390		ug/m3	1	9/29/2005

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 at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 09-Oct-05

CLIENT: ESC Environmental
Lab Order: C0509018
Project: 127491.05
Lab ID: C0509018-004A

Client Sample ID: RD2SS092205
Tag Number: 165, 67
Collection Date: 9/22/2005
Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15 1UG/M3 W/ 0.25UG/M3 TCE		TO-15		Analyst: RJP		
1,1,1-Trichloroethane	0.170	0.150		ppbV	1	9/29/2005
1,1,2,2-Tetrachloroethane	ND	0.150		ppbV	1	9/29/2005
1,1,2-Trichloroethane	ND	0.150		ppbV	1	9/29/2005
1,1-Dichloroethane	ND	0.150		ppbV	1	9/29/2005
1,1-Dichloroethene	ND	0.150		ppbV	1	9/29/2005
1,2,4-Trichlorobenzene	ND	0.150		ppbV	1	9/29/2005
1,2,4-Trimethylbenzene	0.790	0.150		ppbV	1	9/29/2005
1,2-Dibromoethane	ND	0.150		ppbV	1	9/29/2005
1,2-Dichlorobenzene	ND	0.150		ppbV	1	9/29/2005
1,2-Dichloroethane	ND	0.150		ppbV	1	9/29/2005
1,2-Dichloropropane	ND	0.150		ppbV	1	9/29/2005
1,3,5-Trimethylbenzene	0.560	0.150		ppbV	1	9/29/2005
1,3-butadiene	ND	0.150		ppbV	1	9/29/2005
1,3-Dichlorobenzene	ND	0.150		ppbV	1	9/29/2005
1,4-Dichlorobenzene	ND	0.150		ppbV	1	9/29/2005
1,4-Dioxane	ND	0.300		ppbV	1	9/29/2005
2,2,4-trimethylpentane	0.080	0.150	J	ppbV	1	9/29/2005
4-ethyltoluene	0.200	0.150		ppbV	1	9/29/2005
Acetone	14.5	3.00		ppbV	10	9/29/2005
Allyl chloride	ND	0.150		ppbV	1	9/29/2005
Benzene	0.290	0.150		ppbV	1	9/29/2005
Benzyl chloride	ND	0.150		ppbV	1	9/29/2005
Bromodichloromethane	0.150	0.150	J	ppbV	1	9/29/2005
Bromoform	ND	0.150		ppbV	1	9/29/2005
Bromomethane	ND	0.150		ppbV	1	9/29/2005
Carbon disulfide	0.160	0.150		ppbV	1	9/29/2005
Carbon tetrachloride	0.12	0.150	J	ppbV	1	9/29/2005
Chlorobenzene	ND	0.150		ppbV	1	9/29/2005
Chloroethane	ND	0.150		ppbV	1	9/29/2005
Chloroform	3.50	1.50		ppbV	10	9/29/2005
Chloromethane	0.480	0.150		ppbV	1	9/29/2005
cis-1,2-Dichloroethene	ND	0.150		ppbV	1	9/29/2005
cis-1,3-Dichloropropene	ND	0.150		ppbV	1	9/29/2005
Cyclohexane	0.570	0.150		ppbV	1	9/29/2005
Dibromochloromethane	ND	0.150		ppbV	1	9/29/2005
Ethyl acetate	ND	0.250		ppbV	1	9/29/2005
Ethylbenzene	0.220	0.150		ppbV	1	9/29/2005
Freon 11	0.430	0.150		ppbV	1	9/29/2005
Freon 113	1.56	0.150		ppbV	1	9/29/2005
Freon 114	ND	0.150		ppbV	1	9/29/2005

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 at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 09-Oct-05

CLIENT: ESC Environmental
Lab Order: C0509018
Project: 127491.05
Lab ID: C0509018-004A

Client Sample ID: RD2SS092205
Tag Number: 165, 67
Collection Date: 9/22/2005
Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15 1UG/M3 W/ 0.25UG/M3 TCE						Analyst: RJP
Freon 12	0.800	0.150		ppbV	1	9/29/2005
Heptane	ND	0.150		ppbV	1	9/29/2005
Hexachloro-1,3-butadiene	ND	0.150		ppbV	1	9/29/2005
Hexane	0.540	0.150		ppbV	1	9/29/2005
Isopropyl alcohol	ND	0.150		ppbV	1	9/29/2005
m-Xylene	0.560	0.150		ppbV	1	9/29/2005
Methyl Butyl Ketone	ND	0.300		ppbV	1	9/29/2005
Methyl Ethyl Ketone	ND	0.300		ppbV	1	9/29/2005
Methyl Isobutyl Ketone	ND	0.300		ppbV	1	9/29/2005
Methyl tert-butyl ether	ND	0.150		ppbV	1	9/29/2005
Methylene chloride	0.260	0.150		ppbV	1	9/29/2005
o-Xylene	0.300	0.150		ppbV	1	9/29/2005
p-Xylene	0.180	0.150		ppbV	1	9/29/2005
Propylene	ND	0.150		ppbV	1	9/29/2005
Styrene	ND	0.150		ppbV	1	9/29/2005
Tetrachloroethylene	0.650	0.150		ppbV	1	9/29/2005
Tetrahydrofuran	ND	0.150		ppbV	1	9/29/2005
Toluene	1.85	0.150		ppbV	1	9/29/2005
trans-1,2-Dichloroethene	ND	0.150		ppbV	1	9/29/2005
trans-1,3-Dichloropropene	ND	0.150		ppbV	1	9/29/2005
Trichloroethene	0.770	0.0400		ppbV	1	9/29/2005
Vinyl acetate	ND	0.150		ppbV	1	9/29/2005
Vinyl Bromide	ND	0.150		ppbV	1	9/29/2005
Vinyl chloride	ND	0.150		ppbV	1	9/29/2005
Surr: Bromofluorobenzene	123	70-130		%REC	1	9/29/2005

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 at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 09-Oct-05

CLIENT: ESC Environmental
Lab Order: C0509018
Project: 127491.05
Lab ID: C0509018-004A

Client Sample ID: RD2SS092205
Tag Number: 165, 67
Collection Date: 9/22/2005
Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15 1UG/M3 W/ 0.25UG/M3 TCE		TO-15		Analyst: RJP		
1,1,1-Trichloroethane	0.943	0.832		ug/m3	1	9/29/2005
1,1,2,2-Tetrachloroethane	ND	1.05		ug/m3	1	9/29/2005
1,1,2-Trichloroethane	ND	0.832		ug/m3	1	9/29/2005
1,1-Dichloroethane	ND	0.617		ug/m3	1	9/29/2005
1,1-Dichloroethene	ND	0.605		ug/m3	1	9/29/2005
1,2,4-Trichlorobenzene	ND	1.13		ug/m3	1	9/29/2005
1,2,4-Trimethylbenzene	3.95	0.749		ug/m3	1	9/29/2005
1,2-Dibromoethane	ND	1.17		ug/m3	1	9/29/2005
1,2-Dichlorobenzene	ND	0.917		ug/m3	1	9/29/2005
1,2-Dichloroethane	ND	0.617		ug/m3	1	9/29/2005
1,2-Dichloropropane	ND	0.705		ug/m3	1	9/29/2005
1,3,5-Trimethylbenzene	2.80	0.750		ug/m3	1	9/29/2005
1,3-butadiene	ND	0.337		ug/m3	1	9/29/2005
1,3-Dichlorobenzene	ND	0.917		ug/m3	1	9/29/2005
1,4-Dichlorobenzene	ND	0.917		ug/m3	1	9/29/2005
1,4-Dioxane	ND	1.10		ug/m3	1	9/29/2005
2,2,4-trimethylpentane	0.380	0.712	J	ug/m3	1	9/29/2005
4-ethyltoluene	0.999	0.750		ug/m3	1	9/29/2005
Acetone	35.0	7.24		ug/m3	10	9/29/2005
Allyl chloride	ND	0.477		ug/m3	1	9/29/2005
Benzene	0.942	0.487		ug/m3	1	9/29/2005
Benzyl chloride	ND	0.877		ug/m3	1	9/29/2005
Bromodichloromethane	1.02	1.02	J	ug/m3	1	9/29/2005
Bromoform	ND	1.58		ug/m3	1	9/29/2005
Bromomethane	ND	0.592		ug/m3	1	9/29/2005
Carbon disulfide	0.506	0.475		ug/m3	1	9/29/2005
Carbon tetrachloride	0.767	0.959	J	ug/m3	1	9/29/2005
Chlorobenzene	ND	0.702		ug/m3	1	9/29/2005
Chloroethane	ND	0.402		ug/m3	1	9/29/2005
Chloroform	17.4	7.44		ug/m3	10	9/29/2005
Chloromethane	1.01	0.315		ug/m3	1	9/29/2005
cis-1,2-Dichloroethene	ND	0.604		ug/m3	1	9/29/2005
cis-1,3-Dichloropropene	ND	0.692		ug/m3	1	9/29/2005
Cyclohexane	1.99	0.525		ug/m3	1	9/29/2005
Dibromochloromethane	ND	1.30		ug/m3	1	9/29/2005
Ethyl acetate	ND	0.916		ug/m3	1	9/29/2005
Ethylbenzene	0.971	0.662		ug/m3	1	9/29/2005
Freon 11	2.46	0.857		ug/m3	1	9/29/2005
Freon 113	12.2	1.17		ug/m3	1	9/29/2005
Freon 114	ND	1.07		ug/m3	1	9/29/2005

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 at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 09-Oct-05

CLIENT: ESC Environmental
Lab Order: C0509018
Project: 127491.05
Lab ID: C0509018-004A

Client Sample ID: RD2SS092205
Tag Number: 165, 67
Collection Date: 9/22/2005
Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15 1UG/M3 W/ 0.25UG/M3 TCE				TO-15		Analyst: RJP
Freon 12	4.02	0.754		ug/m3	1	9/29/2005
Heptane	ND	0.625		ug/m3	1	9/29/2005
Hexachloro-1,3-butadiene	ND	1.63		ug/m3	1	9/29/2005
Hexane	1.93	0.537		ug/m3	1	9/29/2005
Isopropyl alcohol	ND	0.375		ug/m3	1	9/29/2005
m-Xylene	2.47	0.662		ug/m3	1	9/29/2005
Methyl Butyl Ketone	ND	1.25		ug/m3	1	9/29/2005
Methyl Ethyl Ketone	ND	0.899		ug/m3	1	9/29/2005
Methyl Isobutyl Ketone	ND	1.25		ug/m3	1	9/29/2005
Methyl tert-butyl ether	ND	0.550		ug/m3	1	9/29/2005
Methylene chloride	0.918	0.530		ug/m3	1	9/29/2005
o-Xylene	1.32	0.662		ug/m3	1	9/29/2005
p-Xylene	0.794	0.662		ug/m3	1	9/29/2005
Propylene	ND	0.262		ug/m3	1	9/29/2005
Styrene	ND	0.649		ug/m3	1	9/29/2005
Tetrachloroethylene	4.48	1.03		ug/m3	1	9/29/2005
Tetrahydrofuran	ND	0.450		ug/m3	1	9/29/2005
Toluene	7.09	0.575		ug/m3	1	9/29/2005
trans-1,2-Dichloroethene	ND	0.604		ug/m3	1	9/29/2005
trans-1,3-Dichloropropene	ND	0.692		ug/m3	1	9/29/2005
Trichloroethene	4.21	0.218		ug/m3	1	9/29/2005
Vinyl acetate	ND	0.537		ug/m3	1	9/29/2005
Vinyl Bromide	ND	0.667		ug/m3	1	9/29/2005
Vinyl chloride	ND	0.390		ug/m3	1	9/29/2005

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 at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 09-Oct-05

CLIENT: ESC Environmental
 Lab Order: C0509018
 Project: 127491.05
 Lab ID: C0509018-005A

Client Sample ID: RD3SS092205
 Tag Number: 248, 175
 Collection Date: 9/22/2005
 Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15 1UG/M3 W/ 0.25UG/M3 TCE		TO-15		Analyst: RJP		
1,1,1-Trichloroethane	0.380	0.150		ppbV	1	9/29/2005
1,1,2,2-Tetrachloroethane	ND	0.150		ppbV	1	9/29/2005
1,1,2-Trichloroethane	ND	0.150		ppbV	1	9/29/2005
1,1-Dichloroethane	ND	0.150		ppbV	1	9/29/2005
1,1-Dichloroethene	ND	0.150		ppbV	1	9/29/2005
1,2,4-Trichlorobenzene	ND	0.150		ppbV	1	9/29/2005
1,2,4-Trimethylbenzene	0.900	0.150		ppbV	1	9/29/2005
1,2-Dibromoethane	ND	0.150		ppbV	1	9/29/2005
1,2-Dichlorobenzene	ND	0.150		ppbV	1	9/29/2005
1,2-Dichloroethane	ND	0.150		ppbV	1	9/29/2005
1,2-Dichloropropane	ND	0.150		ppbV	1	9/29/2005
1,3,5-Trimethylbenzene	0.540	0.150		ppbV	1	9/29/2005
1,3-butadiene	ND	0.150		ppbV	1	9/29/2005
1,3-Dichlorobenzene	ND	0.150		ppbV	1	9/29/2005
1,4-Dichlorobenzene	ND	0.150		ppbV	1	9/29/2005
1,4-Dioxane	ND	0.300		ppbV	1	9/29/2005
2,2,4-trimethylpentane	ND	0.150		ppbV	1	9/29/2005
4-ethyltoluene	0.210	0.150		ppbV	1	9/29/2005
Acetone	9.10	3.00		ppbV	10	9/29/2005
Allyl chloride	ND	0.150		ppbV	1	9/29/2005
Benzene	0.290	0.150		ppbV	1	9/29/2005
Benzyl chloride	ND	0.150		ppbV	1	9/29/2005
Bromodichloromethane	0.800	0.150		ppbV	1	9/29/2005
Bromoform	ND	0.150		ppbV	1	9/29/2005
Bromomethane	ND	0.150		ppbV	1	9/29/2005
Carbon disulfide	0.310	0.150		ppbV	1	9/29/2005
Carbon tetrachloride	0.210	0.150		ppbV	1	9/29/2005
Chlorobenzene	ND	0.150		ppbV	1	9/29/2005
Chloroethane	ND	0.150		ppbV	1	9/29/2005
Chloroform	15.8	1.50		ppbV	10	9/29/2005
Chloromethane	ND	0.150		ppbV	1	9/29/2005
cis-1,2-Dichloroethene	ND	0.150		ppbV	1	9/29/2005
cis-1,3-Dichloropropene	ND	0.150		ppbV	1	9/29/2005
Cyclohexane	ND	0.150		ppbV	1	9/29/2005
Dibromochloromethane	ND	0.150		ppbV	1	9/29/2005
Ethyl acetate	ND	0.250		ppbV	1	9/29/2005
Ethylbenzene	0.290	0.150		ppbV	1	9/29/2005
Freon 11	0.440	0.150		ppbV	1	9/29/2005
Freon 113	0.460	0.150		ppbV	1	9/29/2005
Freon 114	ND	0.150		ppbV	1	9/29/2005

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 at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 09-Oct-05

CLIENT: ESC Environmental
Lab Order: C0509018
Project: 127491.05
Lab ID: C0509018-005A

Client Sample ID: RD3SS092205
Tag Number: 248, 175
Collection Date: 9/22/2005
Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15 1UG/M3 W/ 0.25UG/M3 TCE		TO-15		Analyst: RJP		
Freon 12	0.770	0.150		ppbV	1	9/29/2005
Heptane	ND	0.150		ppbV	1	9/29/2005
Hexachloro-1,3-butadiene	ND	0.150		ppbV	1	9/29/2005
Hexane	0.570	0.150		ppbV	1	9/29/2005
Isopropyl alcohol	ND	0.150		ppbV	1	9/29/2005
m-Xylene	0.650	0.150		ppbV	1	9/29/2005
Methyl Butyl Ketone	ND	0.300		ppbV	1	9/29/2005
Methyl Ethyl Ketone	ND	0.300		ppbV	1	9/29/2005
Methyl Isobutyl Ketone	ND	0.300		ppbV	1	9/29/2005
Methyl tert-butyl ether	ND	0.150		ppbV	1	9/29/2005
Methylene chloride	0.300	0.150		ppbV	1	9/29/2005
o-Xylene	0.440	0.150		ppbV	1	9/29/2005
p-Xylene	0.340	0.150		ppbV	1	9/29/2005
Propylene	ND	0.150		ppbV	1	9/29/2005
Styrene	ND	0.150		ppbV	1	9/29/2005
Tetrachloroethylene	6.50	1.50		ppbV	10	9/29/2005
Tetrahydrofuran	ND	0.150		ppbV	1	9/29/2005
Toluene	2.70	1.50		ppbV	10	9/29/2005
trans-1,2-Dichloroethene	ND	0.150		ppbV	1	9/29/2005
trans-1,3-Dichloropropene	ND	0.150		ppbV	1	9/29/2005
Trichloroethene	1.32	0.0400		ppbV	1	9/29/2005
Vinyl acetate	ND	0.150		ppbV	1	9/29/2005
Vinyl Bromide	ND	0.150		ppbV	1	9/29/2005
Vinyl chloride	ND	0.150		ppbV	1	9/29/2005
Surr: Bromofluorobenzene	106	70-130		%REC	1	9/29/2005

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 at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 09-Oct-05

CLIENT: ESC Environmental
Lab Order: C0509018
Project: 127491.05
Lab ID: C0509018-005A

Client Sample ID: RD3SS092205
Tag Number: 248, 175
Collection Date: 9/22/2005
Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15 1UG/M3 W/ 0.25UG/M3 TCE		TO-15		Analyst: RJP		
1,1,1-Trichloroethane	2.11	0.832		ug/m3	1	9/29/2005
1,1,2,2-Tetrachloroethane	ND	1.05		ug/m3	1	9/29/2005
1,1,2-Trichloroethane	ND	0.832		ug/m3	1	9/29/2005
1,1-Dichloroethane	ND	0.617		ug/m3	1	9/29/2005
1,1-Dichloroethene	ND	0.605		ug/m3	1	9/29/2005
1,2,4-Trichlorobenzene	ND	1.13		ug/m3	1	9/29/2005
1,2,4-Trimethylbenzene	4.50	0.749		ug/m3	1	9/29/2005
1,2-Dibromoethane	ND	1.17		ug/m3	1	9/29/2005
1,2-Dichlorobenzene	ND	0.917		ug/m3	1	9/29/2005
1,2-Dichloroethane	ND	0.617		ug/m3	1	9/29/2005
1,2-Dichloropropane	ND	0.705		ug/m3	1	9/29/2005
1,3,5-Trimethylbenzene	2.70	0.750		ug/m3	1	9/29/2005
1,3-butadiene	ND	0.337		ug/m3	1	9/29/2005
1,3-Dichlorobenzene	ND	0.917		ug/m3	1	9/29/2005
1,4-Dichlorobenzene	ND	0.917		ug/m3	1	9/29/2005
1,4-Dioxane	ND	1.10		ug/m3	1	9/29/2005
2,2,4-trimethylpentane	ND	0.712		ug/m3	1	9/29/2005
4-ethyltoluene	1.05	0.750		ug/m3	1	9/29/2005
Acetone	22.0	7.24		ug/m3	10	9/29/2005
Allyl chloride	ND	0.477		ug/m3	1	9/29/2005
Benzene	0.942	0.487		ug/m3	1	9/29/2005
Benzyl chloride	ND	0.877		ug/m3	1	9/29/2005
Bromodichloromethane	5.45	1.02		ug/m3	1	9/29/2005
Bromoform	ND	1.58		ug/m3	1	9/29/2005
Bromomethane	ND	0.592		ug/m3	1	9/29/2005
Carbon disulfide	0.981	0.475		ug/m3	1	9/29/2005
Carbon tetrachloride	1.34	0.959		ug/m3	1	9/29/2005
Chlorobenzene	ND	0.702		ug/m3	1	9/29/2005
Chloroethane	ND	0.402		ug/m3	1	9/29/2005
Chloroform	78.4	7.44		ug/m3	10	9/29/2005
Chloromethane	ND	0.315		ug/m3	1	9/29/2005
cis-1,2-Dichloroethene	ND	0.604		ug/m3	1	9/29/2005
cis-1,3-Dichloropropene	ND	0.692		ug/m3	1	9/29/2005
Cyclohexane	ND	0.525		ug/m3	1	9/29/2005
Dibromochloromethane	ND	1.30		ug/m3	1	9/29/2005
Ethyl acetate	ND	0.916		ug/m3	1	9/29/2005
Ethylbenzene	1.28	0.662		ug/m3	1	9/29/2005
Freon 11	2.51	0.857		ug/m3	1	9/29/2005
Freon 113	3.58	1.17		ug/m3	1	9/29/2005
Freon 114	ND	1.07		ug/m3	1	9/29/2005

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 at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 09-Oct-05

CLIENT: ESC Environmental
Lab Order: C0509018
Project: 127491.05
Lab ID: C0509018-005A

Client Sample ID: RD3SS092205
Tag Number: 248, 175
Collection Date: 9/22/2005
Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15 1UG/M3 W/ 0.25UG/M3 TCE		TO-15		Analyst: RJP		
Freon 12	3.87	0.754		ug/m3	1	9/29/2005
Heptane	ND	0.625		ug/m3	1	9/29/2005
Hexachloro-1,3-butadiene	ND	1.63		ug/m3	1	9/29/2005
Hexane	2.04	0.537		ug/m3	1	9/29/2005
Isopropyl alcohol	ND	0.375		ug/m3	1	9/29/2005
m-Xylene	2.87	0.662		ug/m3	1	9/29/2005
Methyl Butyl Ketone	ND	1.25		ug/m3	1	9/29/2005
Methyl Ethyl Ketone	ND	0.899		ug/m3	1	9/29/2005
Methyl Isobutyl Ketone	ND	1.25		ug/m3	1	9/29/2005
Methyl tert-butyl ether	ND	0.550		ug/m3	1	9/29/2005
Methylene chloride	1.06	0.530		ug/m3	1	9/29/2005
o-Xylene	1.94	0.662		ug/m3	1	9/29/2005
p-Xylene	1.50	0.662		ug/m3	1	9/29/2005
Propylene	ND	0.262		ug/m3	1	9/29/2005
Styrene	ND	0.649		ug/m3	1	9/29/2005
Tetrachloroethylene	44.8	10.3		ug/m3	10	9/29/2005
Tetrahydrofuran	ND	0.450		ug/m3	1	9/29/2005
Toluene	10.3	5.75		ug/m3	10	9/29/2005
trans-1,2-Dichloroethene	ND	0.604		ug/m3	1	9/29/2005
trans-1,3-Dichloropropene	ND	0.692		ug/m3	1	9/29/2005
Trichloroethene	7.21	0.218		ug/m3	1	9/29/2005
Vinyl acetate	ND	0.537		ug/m3	1	9/29/2005
Vinyl Bromide	ND	0.667		ug/m3	1	9/29/2005
Vinyl chloride	ND	0.390		ug/m3	1	9/29/2005

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 at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 09-Oct-05

CLIENT: ESC Environmental
Lab Order: C0509018
Project: 127491.05
Lab ID: C0509018-006A

Client Sample ID: RD3SSR092205
Tag Number: 237, 80
Collection Date: 9/22/2005
Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15 1UG/M3 W/ 0.25UG/M3 TCE		TO-15		Analyst: RJP		
1,1,1-Trichloroethane	0.240	0.150		ppbV	1	9/29/2005
1,1,2,2-Tetrachloroethane	ND	0.150		ppbV	1	9/29/2005
1,1,2-Trichloroethane	ND	0.150		ppbV	1	9/29/2005
1,1-Dichloroethane	ND	0.150		ppbV	1	9/29/2005
1,1-Dichloroethene	ND	0.150		ppbV	1	9/29/2005
1,2,4-Trichlorobenzene	ND	0.150		ppbV	1	9/29/2005
1,2,4-Trimethylbenzene	0.490	0.150		ppbV	1	9/29/2005
1,2-Dibromoethane	ND	0.150		ppbV	1	9/29/2005
1,2-Dichlorobenzene	ND	0.150		ppbV	1	9/29/2005
1,2-Dichloroethane	ND	0.150		ppbV	1	9/29/2005
1,2-Dichloropropane	ND	0.150		ppbV	1	9/29/2005
1,3,5-Trimethylbenzene	0.320	0.150		ppbV	1	9/29/2005
1,3-butadiene	ND	0.150		ppbV	1	9/29/2005
1,3-Dichlorobenzene	ND	0.150		ppbV	1	9/29/2005
1,4-Dichlorobenzene	ND	0.150		ppbV	1	9/29/2005
1,4-Dioxane	ND	0.300		ppbV	1	9/29/2005
2,2,4-trimethylpentane	0.080	0.150	J	ppbV	1	9/29/2005
4-ethyltoluene	0.13	0.150	J	ppbV	1	9/29/2005
Acetone	ND	0.300		ppbV	1	9/29/2005
Allyl chloride	ND	0.150		ppbV	1	9/29/2005
Benzene	0.270	0.150		ppbV	1	9/29/2005
Benzyl chloride	ND	0.150		ppbV	1	9/29/2005
Bromodichloromethane	0.520	0.150		ppbV	1	9/29/2005
Bromoform	ND	0.150		ppbV	1	9/29/2005
Bromomethane	ND	0.150		ppbV	1	9/29/2005
Carbon disulfide	0.180	0.150		ppbV	1	9/29/2005
Carbon tetrachloride	0.170	0.150		ppbV	1	9/29/2005
Chlorobenzene	ND	0.150		ppbV	1	9/29/2005
Chloroethane	ND	0.150		ppbV	1	9/29/2005
Chloroform	7.80	1.50		ppbV	10	9/29/2005
Chloromethane	0.410	0.150		ppbV	1	9/29/2005
cis-1,2-Dichloroethene	ND	0.150		ppbV	1	9/29/2005
cis-1,3-Dichloropropene	ND	0.150		ppbV	1	9/29/2005
Cyclohexane	0.350	0.150		ppbV	1	9/29/2005
Dibromochloromethane	ND	0.150		ppbV	1	9/29/2005
Ethyl acetate	ND	0.250		ppbV	1	9/29/2005
Ethylbenzene	0.180	0.150		ppbV	1	9/29/2005
Freon 11	0.400	0.150		ppbV	1	9/29/2005
Freon 113	0.780	0.150		ppbV	1	9/29/2005
Freon 114	ND	0.150		ppbV	1	9/29/2005

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 at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 09-Oct-05

CLIENT: ESC Environmental
Lab Order: C0509018
Project: 127491.05
Lab ID: C0509018-006A

Client Sample ID: RD3SSR092205
Tag Number: 237, 80
Collection Date: 9/22/2005
Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15 1UG/M3 W/ 0.25UG/M3 TCE		TO-15		Analyst: RJP		
Freon 12	0.800	0.150		ppbV	1	9/29/2005
Heptane	ND	0.150		ppbV	1	9/29/2005
Hexachloro-1,3-butadiene	ND	0.150		ppbV	1	9/29/2005
Hexane	0.460	0.150		ppbV	1	9/29/2005
Isopropyl alcohol	ND	0.150		ppbV	1	9/29/2005
m-Xylene	0.340	0.150		ppbV	1	9/29/2005
Methyl Butyl Ketone	ND	0.300		ppbV	1	9/29/2005
Methyl Ethyl Ketone	ND	0.300		ppbV	1	9/29/2005
Methyl Isobutyl Ketone	ND	0.300		ppbV	1	9/29/2005
Methyl tert-butyl ether	ND	0.150		ppbV	1	9/29/2005
Methylene chloride	0.240	0.150		ppbV	1	9/29/2005
o-Xylene	0.260	0.150		ppbV	1	9/29/2005
p-Xylene	0.200	0.150		ppbV	1	9/29/2005
Propylene	ND	0.150		ppbV	1	9/29/2005
Styrene	ND	0.150		ppbV	1	9/29/2005
Tetrachloroethylene	2.40	1.50		ppbV	10	9/29/2005
Tetrahydrofuran	ND	0.150		ppbV	1	9/29/2005
Toluene	2.70	1.50		ppbV	10	9/29/2005
trans-1,2-Dichloroethene	ND	0.150		ppbV	1	9/29/2005
trans-1,3-Dichloropropene	ND	0.150		ppbV	1	9/29/2005
Trichloroethene	0.720	0.0400		ppbV	1	9/29/2005
Vinyl acetate	ND	0.150		ppbV	1	9/29/2005
Vinyl Bromide	ND	0.150		ppbV	1	9/29/2005
Vinyl chloride	ND	0.150		ppbV	1	9/29/2005
Surr: Bromofluorobenzene	105	70-130		%REC	1	9/29/2005

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 at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 09-Oct-05

CLIENT: ESC Environmental
Lab Order: C0509018
Project: 127491.05
Lab ID: C0509018-006A

Client Sample ID: RD3SSR092205
Tag Number: 237, 80
Collection Date: 9/22/2005
Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15 1UG/M3 W/ 0.25UG/M3 TCE				TO-15		Analyst: RJP
1,1,1-Trichloroethane	1.33	0.832		ug/m3	1	9/29/2005
1,1,2,2-Tetrachloroethane	ND	1.05		ug/m3	1	9/29/2005
1,1,2-Trichloroethane	ND	0.832		ug/m3	1	9/29/2005
1,1-Dichloroethane	ND	0.617		ug/m3	1	9/29/2005
1,1-Dichloroethene	ND	0.605		ug/m3	1	9/29/2005
1,2,4-Trichlorobenzene	ND	1.13		ug/m3	1	9/29/2005
1,2,4-Trimethylbenzene	2.45	0.749		ug/m3	1	9/29/2005
1,2-Dibromoethane	ND	1.17		ug/m3	1	9/29/2005
1,2-Dichlorobenzene	ND	0.917		ug/m3	1	9/29/2005
1,2-Dichloroethane	ND	0.617		ug/m3	1	9/29/2005
1,2-Dichloropropane	ND	0.705		ug/m3	1	9/29/2005
1,3,5-Trimethylbenzene	1.60	0.750		ug/m3	1	9/29/2005
1,3-butadiene	ND	0.337		ug/m3	1	9/29/2005
1,3-Dichlorobenzene	ND	0.917		ug/m3	1	9/29/2005
1,4-Dichlorobenzene	ND	0.917		ug/m3	1	9/29/2005
1,4-Dioxane	ND	1.10		ug/m3	1	9/29/2005
2,2,4-trimethylpentane	0.380	0.712	J	ug/m3	1	9/29/2005
4-ethyltoluene	0.650	0.750	J	ug/m3	1	9/29/2005
Acetone	ND	0.724		ug/m3	1	9/29/2005
Allyl chloride	ND	0.477		ug/m3	1	9/29/2005
Benzene	0.877	0.487		ug/m3	1	9/29/2005
Benzyl chloride	ND	0.877		ug/m3	1	9/29/2005
Bromodichloromethane	3.54	1.02		ug/m3	1	9/29/2005
Bromoform	ND	1.58		ug/m3	1	9/29/2005
Bromomethane	ND	0.592		ug/m3	1	9/29/2005
Carbon disulfide	0.570	0.475		ug/m3	1	9/29/2005
Carbon tetrachloride	1.09	0.959		ug/m3	1	9/29/2005
Chlorobenzene	ND	0.702		ug/m3	1	9/29/2005
Chloroethane	ND	0.402		ug/m3	1	9/29/2005
Chloroform	38.7	7.44		ug/m3	10	9/29/2005
Chloromethane	0.861	0.315		ug/m3	1	9/29/2005
cis-1,2-Dichloroethene	ND	0.604		ug/m3	1	9/29/2005
cis-1,3-Dichloropropene	ND	0.692		ug/m3	1	9/29/2005
Cyclohexane	1.22	0.525		ug/m3	1	9/29/2005
Dibromochloromethane	ND	1.30		ug/m3	1	9/29/2005
Ethyl acetate	ND	0.916		ug/m3	1	9/29/2005
Ethylbenzene	0.794	0.662		ug/m3	1	9/29/2005
Freon 11	2.28	0.857		ug/m3	1	9/29/2005
Freon 113	6.08	1.17		ug/m3	1	9/29/2005
Freon 114	ND	1.07		ug/m3	1	9/29/2005

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 at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 09-Oct-05

CLIENT: ESC Environmental
Lab Order: C0509018
Project: 127491.05
Lab ID: C0509018-006A

Client Sample ID: RD3SSR092205
Tag Number: 237, 80
Collection Date: 9/22/2005
Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15 1UG/M3 W/ 0.25UG/M3 TCE		TO-15		Analyst: RJP		
Freon 12	4.02	0.754		ug/m3	1	9/29/2005
Heptane	ND	0.625		ug/m3	1	9/29/2005
Hexachloro-1,3-butadiene	ND	1.63		ug/m3	1	9/29/2005
Hexane	1.65	0.537		ug/m3	1	9/29/2005
Isopropyl alcohol	ND	0.375		ug/m3	1	9/29/2005
m-Xylene	1.50	0.662		ug/m3	1	9/29/2005
Methyl Butyl Ketone	ND	1.25		ug/m3	1	9/29/2005
Methyl Ethyl Ketone	ND	0.899		ug/m3	1	9/29/2005
Methyl Isobutyl Ketone	ND	1.25		ug/m3	1	9/29/2005
Methyl tert-butyl ether	ND	0.550		ug/m3	1	9/29/2005
Methylene chloride	0.847	0.530		ug/m3	1	9/29/2005
o-Xylene	1.15	0.662		ug/m3	1	9/29/2005
p-Xylene	0.883	0.662		ug/m3	1	9/29/2005
Propylene	ND	0.262		ug/m3	1	9/29/2005
Styrene	ND	0.649		ug/m3	1	9/29/2005
Tetrachloroethylene	16.5	10.3		ug/m3	10	9/29/2005
Tetrahydrofuran	ND	0.450		ug/m3	1	9/29/2005
Toluene	10.3	5.75		ug/m3	10	9/29/2005
trans-1,2-Dichloroethene	ND	0.604		ug/m3	1	9/29/2005
trans-1,3-Dichloropropene	ND	0.692		ug/m3	1	9/29/2005
Trichloroethene	3.93	0.218		ug/m3	1	9/29/2005
Vinyl acetate	ND	0.537		ug/m3	1	9/29/2005
Vinyl Bromide	ND	0.667		ug/m3	1	9/29/2005
Vinyl chloride	ND	0.390		ug/m3	1	9/29/2005

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 at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 09-Oct-05

CLIENT: ESC Environmental
Lab Order: C0509018
Project: 127491.05
Lab ID: C0509018-007A

Client Sample ID: RD11AB092205
Tag Number: 163, 55
Collection Date: 9/22/2005
Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15 1UG/M3 W/ 0.25UG/M3 TCE		TO-15		Analyst: RJP		
1,1,1-Trichloroethane	0.180	0.150		ppbV	1	9/29/2005
1,1,2,2-Tetrachloroethane	ND	0.150		ppbV	1	9/29/2005
1,1,2-Trichloroethane	ND	0.150		ppbV	1	9/29/2005
1,1-Dichloroethane	ND	0.150		ppbV	1	9/29/2005
1,1-Dichloroethene	ND	0.150		ppbV	1	9/29/2005
1,2,4-Trichlorobenzene	ND	0.150		ppbV	1	9/29/2005
1,2,4-Trimethylbenzene	0.860	0.150		ppbV	1	9/29/2005
1,2-Dibromoethane	ND	0.150		ppbV	1	9/29/2005
1,2-Dichlorobenzene	ND	0.150		ppbV	1	9/29/2005
1,2-Dichloroethane	ND	0.150		ppbV	1	9/29/2005
1,2-Dichloropropane	ND	0.150		ppbV	1	9/29/2005
1,3,5-Trimethylbenzene	0.750	0.150		ppbV	1	9/29/2005
1,3-butadiene	ND	0.150		ppbV	1	9/29/2005
1,3-Dichlorobenzene	ND	0.150		ppbV	1	9/29/2005
1,4-Dichlorobenzene	ND	0.150		ppbV	1	9/29/2005
1,4-Dioxane	ND	0.300		ppbV	1	9/29/2005
2,2,4-trimethylpentane	0.10	0.150	J	ppbV	1	9/29/2005
4-ethyltoluene	0.240	0.150		ppbV	1	9/29/2005
Acetone	11.0	1.50		ppbV	5	9/29/2005
Allyl chloride	ND	0.150		ppbV	1	9/29/2005
Benzene	0.370	0.150		ppbV	1	9/29/2005
Benzyl chloride	ND	0.150		ppbV	1	9/29/2005
Bromodichloromethane	0.11	0.150	J	ppbV	1	9/29/2005
Bromoform	ND	0.150		ppbV	1	9/29/2005
Bromomethane	ND	0.150		ppbV	1	9/29/2005
Carbon disulfide	ND	0.150		ppbV	1	9/29/2005
Carbon tetrachloride	0.12	0.150	J	ppbV	1	9/29/2005
Chlorobenzene	ND	0.150		ppbV	1	9/29/2005
Chloroethane	ND	0.150		ppbV	1	9/29/2005
Chloroform	1.06	0.150		ppbV	1	9/29/2005
Chloromethane	0.620	0.150		ppbV	1	9/29/2005
cis-1,2-Dichloroethene	ND	0.150		ppbV	1	9/29/2005
cis-1,3-Dichloropropene	ND	0.150		ppbV	1	9/29/2005
Cyclohexane	1.84	0.150		ppbV	1	9/29/2005
Dibromochloromethane	ND	0.150		ppbV	1	9/29/2005
Ethyl acetate	ND	0.250		ppbV	1	9/29/2005
Ethylbenzene	0.260	0.150		ppbV	1	9/29/2005
Freon 11	0.680	0.150		ppbV	1	9/29/2005
Freon 113	6.35	0.750		ppbV	5	9/29/2005
Freon 114	ND	0.150		ppbV	1	9/29/2005

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 at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 09-Oct-05

CLIENT: ESC Environmental
Lab Order: C0509018
Project: 127491.05
Lab ID: C0509018-007A

Client Sample ID: RD11AB092205
Tag Number: 163, 55
Collection Date: 9/22/2005
Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15 1UG/M3 W/ 0.25UG/M3 TCE				TO-15		Analyst: RJP
Freon 12	0.830	0.150		ppbV	1	9/29/2005
Heptane	ND	0.150		ppbV	1	9/29/2005
Hexachloro-1,3-butadiene	ND	0.150		ppbV	1	9/29/2005
Hexane	0.600	0.150		ppbV	1	9/29/2005
Isopropyl alcohol	ND	0.150		ppbV	1	9/29/2005
m-Xylene	0.540	0.150		ppbV	1	9/29/2005
Methyl Butyl Ketone	ND	0.300		ppbV	1	9/29/2005
Methyl Ethyl Ketone	ND	0.300		ppbV	1	9/29/2005
Methyl Isobutyl Ketone	ND	0.300		ppbV	1	9/29/2005
Methyl tert-butyl ether	ND	0.150		ppbV	1	9/29/2005
Methylene chloride	6.85	0.750		ppbV	5	9/29/2005
o-Xylene	0.350	0.150		ppbV	1	9/29/2005
p-Xylene	0.270	0.150		ppbV	1	9/29/2005
Propylene	ND	0.150		ppbV	1	9/29/2005
Styrene	ND	0.150		ppbV	1	9/29/2005
Tetrachloroethylene	0.210	0.150		ppbV	1	9/29/2005
Tetrahydrofuran	ND	0.150		ppbV	1	9/29/2005
Toluene	2.30	0.750		ppbV	5	9/29/2005
trans-1,2-Dichloroethene	ND	0.150		ppbV	1	9/29/2005
trans-1,3-Dichloropropene	ND	0.150		ppbV	1	9/29/2005
Trichloroethene	0.260	0.0400		ppbV	1	9/29/2005
Vinyl acetate	ND	0.150		ppbV	1	9/29/2005
Vinyl Bromide	ND	0.150		ppbV	1	9/29/2005
Vinyl chloride	ND	0.150		ppbV	1	9/29/2005
Surr: Bromofluorobenzene	112	70-130		%REC	1	9/29/2005

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 at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 09-Oct-05

CLIENT: ESC Environmental
Lab Order: C0509018
Project: 127491.05
Lab ID: C0509018-007A

Client Sample ID: RD11AB092205
Tag Number: 163, 55
Collection Date: 9/22/2005
Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15 1UG/M3 W/ 0.25UG/M3 TCE		TO-15		Analyst: RJP		
1,1,1-Trichloroethane	0.998	0.832		ug/m3	1	9/29/2005
1,1,2,2-Tetrachloroethane	ND	1.05		ug/m3	1	9/29/2005
1,1,2-Trichloroethane	ND	0.832		ug/m3	1	9/29/2005
1,1-Dichloroethane	ND	0.617		ug/m3	1	9/29/2005
1,1-Dichloroethene	ND	0.605		ug/m3	1	9/29/2005
1,2,4-Trichlorobenzene	ND	1.13		ug/m3	1	9/29/2005
1,2,4-Trimethylbenzene	4.30	0.749		ug/m3	1	9/29/2005
1,2-Dibromoethane	ND	1.17		ug/m3	1	9/29/2005
1,2-Dichlorobenzene	ND	0.917		ug/m3	1	9/29/2005
1,2-Dichloroethane	ND	0.617		ug/m3	1	9/29/2005
1,2-Dichloropropane	ND	0.705		ug/m3	1	9/29/2005
1,3,5-Trimethylbenzene	3.75	0.750		ug/m3	1	9/29/2005
1,3-butadiene	ND	0.337		ug/m3	1	9/29/2005
1,3-Dichlorobenzene	ND	0.917		ug/m3	1	9/29/2005
1,4-Dichlorobenzene	ND	0.917		ug/m3	1	9/29/2005
1,4-Dioxane	ND	1.10		ug/m3	1	9/29/2005
2,2,4-trimethylpentane	0.475	0.712	J	ug/m3	1	9/29/2005
4-ethyltoluene	1.20	0.750		ug/m3	1	9/29/2005
Acetone	26.6	3.62		ug/m3	5	9/29/2005
Allyl chloride	ND	0.477		ug/m3	1	9/29/2005
Benzene	1.20	0.487		ug/m3	1	9/29/2005
Benzyl chloride	ND	0.877		ug/m3	1	9/29/2005
Bromodichloromethane	0.749	1.02	J	ug/m3	1	9/29/2005
Bromoform	ND	1.58		ug/m3	1	9/29/2005
Bromomethane	ND	0.592		ug/m3	1	9/29/2005
Carbon disulfide	ND	0.475		ug/m3	1	9/29/2005
Carbon tetrachloride	0.767	0.959	J	ug/m3	1	9/29/2005
Chlorobenzene	ND	0.702		ug/m3	1	9/29/2005
Chloroethane	ND	0.402		ug/m3	1	9/29/2005
Chloroform	5.26	0.744		ug/m3	1	9/29/2005
Chloromethane	1.30	0.315		ug/m3	1	9/29/2005
cis-1,2-Dichloroethene	ND	0.604		ug/m3	1	9/29/2005
cis-1,3-Dichloropropene	ND	0.692		ug/m3	1	9/29/2005
Cyclohexane	6.44	0.525		ug/m3	1	9/29/2005
Dibromochloromethane	ND	1.30		ug/m3	1	9/29/2005
Ethyl acetate	ND	0.916		ug/m3	1	9/29/2005
Ethylbenzene	1.15	0.662		ug/m3	1	9/29/2005
Freon 11	3.88	0.857		ug/m3	1	9/29/2005
Freon 113	49.5	5.84		ug/m3	5	9/29/2005
Freon 114	ND	1.07		ug/m3	1	9/29/2005

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 at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 09-Oct-05

CLIENT: ESC Environmental
Lab Order: C0509018
Project: 127491.05
Lab ID: C0509018-007A

Client Sample ID: RD11AB092205
Tag Number: 163, 55
Collection Date: 9/22/2005
Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15 1UG/M3 W/ 0.25UG/M3 TCE		TO-15		Analyst: RJP		
Freon 12	4.17	0.754		ug/m3	1	9/29/2005
Heptane	ND	0.625		ug/m3	1	9/29/2005
Hexachloro-1,3-butadiene	ND	1.63		ug/m3	1	9/29/2005
Hexane	2.15	0.537		ug/m3	1	9/29/2005
Isopropyl alcohol	ND	0.375		ug/m3	1	9/29/2005
m-Xylene	2.38	0.662		ug/m3	1	9/29/2005
Methyl Butyl Ketone	ND	1.25		ug/m3	1	9/29/2005
Methyl Ethyl Ketone	ND	0.899		ug/m3	1	9/29/2005
Methyl Isobutyl Ketone	ND	1.25		ug/m3	1	9/29/2005
Methyl tert-butyl ether	ND	0.550		ug/m3	1	9/29/2005
Methylene chloride	24.2	2.65		ug/m3	5	9/29/2005
o-Xylene	1.54	0.662		ug/m3	1	9/29/2005
p-Xylene	1.19	0.662		ug/m3	1	9/29/2005
Propylene	ND	0.262		ug/m3	1	9/29/2005
Styrene	ND	0.649		ug/m3	1	9/29/2005
Tetrachloroethylene	1.45	1.03		ug/m3	1	9/29/2005
Tetrahydrofuran	ND	0.450		ug/m3	1	9/29/2005
Toluene	8.81	2.87		ug/m3	5	9/29/2005
trans-1,2-Dichloroethene	ND	0.604		ug/m3	1	9/29/2005
trans-1,3-Dichloropropene	ND	0.692		ug/m3	1	9/29/2005
Trichloroethene	1.42	0.218		ug/m3	1	9/29/2005
Vinyl acetate	ND	0.537		ug/m3	1	9/29/2005
Vinyl Bromide	ND	0.667		ug/m3	1	9/29/2005
Vinyl chloride	ND	0.390		ug/m3	1	9/29/2005

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 at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 09-Oct-05

CLIENT: ESC Environmental
Lab Order: C0509018
Project: 127491.05
Lab ID: C0509018-008A

Client Sample ID: RD21AB092205
Tag Number: 166, 49
Collection Date: 9/22/2005
Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15 1UG/M3 W/ 0.25UG/M3 TCE		TO-15		Analyst: RJP		
1,1,1-Trichloroethane	0.12	0.150	J	ppbV	1	9/29/2005
1,1,2,2-Tetrachloroethane	ND	0.150		ppbV	1	9/29/2005
1,1,2-Trichloroethane	ND	0.150		ppbV	1	9/29/2005
1,1-Dichloroethane	ND	0.150		ppbV	1	9/29/2005
1,1-Dichloroethene	ND	0.150		ppbV	1	9/29/2005
1,2,4-Trichlorobenzene	ND	0.150		ppbV	1	9/29/2005
1,2,4-Trimethylbenzene	0.770	0.150		ppbV	1	9/29/2005
1,2-Dibromoethane	ND	0.150		ppbV	1	9/29/2005
1,2-Dichlorobenzene	ND	0.150		ppbV	1	9/29/2005
1,2-Dichloroethane	ND	0.150		ppbV	1	9/29/2005
1,2-Dichloropropane	ND	0.150		ppbV	1	9/29/2005
1,3,5-Trimethylbenzene	0.810	0.150		ppbV	1	9/29/2005
1,3-butadiene	ND	0.150		ppbV	1	9/29/2005
1,3-Dichlorobenzene	ND	0.150		ppbV	1	9/29/2005
1,4-Dichlorobenzene	ND	0.150		ppbV	1	9/29/2005
1,4-Dioxane	ND	0.300		ppbV	1	9/29/2005
2,2,4-trimethylpentane	0.090	0.150	J	ppbV	1	9/29/2005
4-ethyltoluene	0.220	0.150		ppbV	1	9/29/2005
Acetone	10.4	1.50		ppbV	5	9/29/2005
Allyl chloride	ND	0.150		ppbV	1	9/29/2005
Benzene	0.400	0.150		ppbV	1	9/29/2005
Benzyl chloride	ND	0.150		ppbV	1	9/29/2005
Bromodichloromethane	ND	0.150		ppbV	1	9/29/2005
Bromoform	ND	0.150		ppbV	1	9/29/2005
Bromomethane	ND	0.150		ppbV	1	9/29/2005
Carbon disulfide	0.090	0.150	J	ppbV	1	9/29/2005
Carbon tetrachloride	ND	0.150		ppbV	1	9/29/2005
Chlorobenzene	ND	0.150		ppbV	1	9/29/2005
Chloroethane	ND	0.150		ppbV	1	9/29/2005
Chloroform	0.990	0.150		ppbV	1	9/29/2005
Chloromethane	0.640	0.150		ppbV	1	9/29/2005
cis-1,2-Dichloroethene	ND	0.150		ppbV	1	9/29/2005
cis-1,3-Dichloropropene	ND	0.150		ppbV	1	9/29/2005
Cyclohexane	1.64	0.150		ppbV	1	9/29/2005
Dibromochloromethane	ND	0.150		ppbV	1	9/29/2005
Ethyl acetate	ND	0.250		ppbV	1	9/29/2005
Ethylbenzene	0.290	0.150		ppbV	1	9/29/2005
Freon 11	0.480	0.150		ppbV	1	9/29/2005
Freon 113	2.65	0.750		ppbV	5	9/29/2005
Freon 114	ND	0.150		ppbV	1	9/29/2005

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 at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 09-Oct-05

CLIENT: ESC Environmental
Lab Order: C0509018
Project: 127491.05
Lab ID: C0509018-008A

Client Sample ID: RD2IAB092205
Tag Number: 166, 49
Collection Date: 9/22/2005
Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15 1UG/M3 W/ 0.25UG/M3 TCE		TO-15		Analyst: RJP		
Freon 12	0.860	0.150		ppbV	1	9/29/2005
Heptane	ND	0.150		ppbV	1	9/29/2005
Hexachloro-1,3-butadiene	ND	0.150		ppbV	1	9/29/2005
Hexane	0.470	0.150		ppbV	1	9/29/2005
Isopropyl alcohol	ND	0.150		ppbV	1	9/29/2005
m-Xylene	0.650	0.150		ppbV	1	9/29/2005
Methyl Butyl Ketone	ND	0.300		ppbV	1	9/29/2005
Methyl Ethyl Ketone	ND	0.300		ppbV	1	9/29/2005
Methyl Isobutyl Ketone	ND	0.300		ppbV	1	9/29/2005
Methyl tert-butyl ether	ND	0.150		ppbV	1	9/29/2005
Methylene chloride	0.570	0.150		ppbV	1	9/29/2005
o-Xylene	0.360	0.150		ppbV	1	9/29/2005
p-Xylene	0.280	0.150		ppbV	1	9/29/2005
Propylene	ND	0.150		ppbV	1	9/29/2005
Styrene	ND	0.150		ppbV	1	9/29/2005
Tetrachloroethylene	0.200	0.150		ppbV	1	9/29/2005
Tetrahydrofuran	ND	0.150		ppbV	1	9/29/2005
Toluene	1.87	0.150		ppbV	1	9/29/2005
trans-1,2-Dichloroethene	ND	0.150		ppbV	1	9/29/2005
trans-1,3-Dichloropropene	ND	0.150		ppbV	1	9/29/2005
Trichloroethene	0.240	0.0400		ppbV	1	9/29/2005
Vinyl acetate	ND	0.150		ppbV	1	9/29/2005
Vinyl Bromide	ND	0.150		ppbV	1	9/29/2005
Vinyl chloride	ND	0.150		ppbV	1	9/29/2005
Surr: Bromofluorobenzene	116	70-130		%REC	1	9/29/2005

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 at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Page 16 of 22

Centek Laboratories, LLC

Date: 09-Oct-05

CLIENT: ESC Environmental
Lab Order: C0509018
Project: 127491.05
Lab ID: C0509018-008A

Client Sample ID: RD2IAB092205
Tag Number: 166, 49
Collection Date: 9/22/2005
Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15 1UG/M3 W/ 0.25UG/M3 TCE		TO-15		Analyst: RJP		
1,1,1-Trichloroethane	0.666	0.832	J	ug/m3	1	9/29/2005
1,1,2,2-Tetrachloroethane	ND	1.05		ug/m3	1	9/29/2005
1,1,2-Trichloroethane	ND	0.832		ug/m3	1	9/29/2005
1,1-Dichloroethane	ND	0.617		ug/m3	1	9/29/2005
1,1-Dichloroethene	ND	0.605		ug/m3	1	9/29/2005
1,2,4-Trichlorobenzene	ND	1.13		ug/m3	1	9/29/2005
1,2,4-Trimethylbenzene	3.85	0.749		ug/m3	1	9/29/2005
1,2-Dibromoethane	ND	1.17		ug/m3	1	9/29/2005
1,2-Dichlorobenzene	ND	0.917		ug/m3	1	9/29/2005
1,2-Dichloroethane	ND	0.617		ug/m3	1	9/29/2005
1,2-Dichloropropane	ND	0.705		ug/m3	1	9/29/2005
1,3,5-Trimethylbenzene	4.05	0.750		ug/m3	1	9/29/2005
1,3-butadiene	ND	0.337		ug/m3	1	9/29/2005
1,3-Dichlorobenzene	ND	0.917		ug/m3	1	9/29/2005
1,4-Dichlorobenzene	ND	0.917		ug/m3	1	9/29/2005
1,4-Dioxane	ND	1.10		ug/m3	1	9/29/2005
2,2,4-trimethylpentane	0.427	0.712	J	ug/m3	1	9/29/2005
4-ethyltoluene	1.10	0.750		ug/m3	1	9/29/2005
Acetone	25.2	3.62		ug/m3	5	9/29/2005
Allyl chloride	ND	0.477		ug/m3	1	9/29/2005
Benzene	1.30	0.487		ug/m3	1	9/29/2005
Benzyl chloride	ND	0.877		ug/m3	1	9/29/2005
Bromodichloromethane	ND	1.02		ug/m3	1	9/29/2005
Bromoform	ND	1.58		ug/m3	1	9/29/2005
Bromomethane	ND	0.592		ug/m3	1	9/29/2005
Carbon disulfide	0.285	0.475	J	ug/m3	1	9/29/2005
Carbon tetrachloride	ND	0.959		ug/m3	1	9/29/2005
Chlorobenzene	ND	0.702		ug/m3	1	9/29/2005
Chloroethane	ND	0.402		ug/m3	1	9/29/2005
Chloroform	4.91	0.744		ug/m3	1	9/29/2005
Chloromethane	1.34	0.315		ug/m3	1	9/29/2005
cis-1,2-Dichloroethene	ND	0.604		ug/m3	1	9/29/2005
cis-1,3-Dichloropropene	ND	0.692		ug/m3	1	9/29/2005
Cyclohexane	5.74	0.525		ug/m3	1	9/29/2005
Dibromochloromethane	ND	1.30		ug/m3	1	9/29/2005
Ethyl acetate	ND	0.916		ug/m3	1	9/29/2005
Ethylbenzene	1.28	0.662		ug/m3	1	9/29/2005
Freon 11	2.74	0.857		ug/m3	1	9/29/2005
Freon 113	20.6	5.84		ug/m3	5	9/29/2005
Freon 114	ND	1.07		ug/m3	1	9/29/2005

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 at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 09-Oct-05

CLIENT: ESC Environmental
Lab Order: C0509018
Project: 127491.05
Lab ID: C0509018-008A

Client Sample ID: RD2IAB092205
Tag Number: 166, 49
Collection Date: 9/22/2005
Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15 1UG/M3 W/ 0.25UG/M3 TCE		TO-15		Analyst: RJP		
Freon 12	4.32	0.754		ug/m3	1	9/29/2005
Heptane	ND	0.625		ug/m3	1	9/29/2005
Hexachloro-1,3-butadiene	ND	1.63		ug/m3	1	9/29/2005
Hexane	1.68	0.537		ug/m3	1	9/29/2005
Isopropyl alcohol	ND	0.375		ug/m3	1	9/29/2005
m-Xylene	2.87	0.662		ug/m3	1	9/29/2005
Methyl Butyl Ketone	ND	1.25		ug/m3	1	9/29/2005
Methyl Ethyl Ketone	ND	0.899		ug/m3	1	9/29/2005
Methyl Isobutyl Ketone	ND	1.25		ug/m3	1	9/29/2005
Methyl tert-butyl ether	ND	0.550		ug/m3	1	9/29/2005
Methylene chloride	2.01	0.530		ug/m3	1	9/29/2005
o-Xylene	1.59	0.662		ug/m3	1	9/29/2005
p-Xylene	1.24	0.662		ug/m3	1	9/29/2005
Propylene	ND	0.262		ug/m3	1	9/29/2005
Styrene	ND	0.649		ug/m3	1	9/29/2005
Tetrachloroethylene	1.38	1.03		ug/m3	1	9/29/2005
Tetrahydrofuran	ND	0.450		ug/m3	1	9/29/2005
Toluene	7.16	0.575		ug/m3	1	9/29/2005
trans-1,2-Dichloroethene	ND	0.604		ug/m3	1	9/29/2005
trans-1,3-Dichloropropene	ND	0.692		ug/m3	1	9/29/2005
Trichloroethene	1.31	0.218		ug/m3	1	9/29/2005
Vinyl acetate	ND	0.537		ug/m3	1	9/29/2005
Vinyl Bromide	ND	0.667		ug/m3	1	9/29/2005
Vinyl chloride	ND	0.390		ug/m3	1	9/29/2005

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 at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 09-Oct-05

CLIENT: ESC Environmental
Lab Order: C0509018
Project: 127491.05
Lab ID: C0509018-009A

Client Sample ID: RD2IABR092205
Tag Number: 162,
Collection Date: 9/22/2005
Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15 1UG/M3 W/ 0.25UG/M3 TCE			TO-15		Analyst: RJP	
1,1,1-Trichloroethane	0.12	0.150	J	ppbV	1	9/29/2005
1,1,2,2-Tetrachloroethane	ND	0.150		ppbV	1	9/29/2005
1,1,2-Trichloroethane	ND	0.150		ppbV	1	9/29/2005
1,1-Dichloroethane	ND	0.150		ppbV	1	9/29/2005
1,1-Dichloroethene	ND	0.150		ppbV	1	9/29/2005
1,2,4-Trichlorobenzene	ND	0.150		ppbV	1	9/29/2005
1,2,4-Trimethylbenzene	1.10	0.150		ppbV	1	9/29/2005
1,2-Dibromoethane	ND	0.150		ppbV	1	9/29/2005
1,2-Dichlorobenzene	ND	0.150		ppbV	1	9/29/2005
1,2-Dichloroethane	ND	0.150		ppbV	1	9/29/2005
1,2-Dichloropropane	ND	0.150		ppbV	1	9/29/2005
1,3,5-Trimethylbenzene	0.940	0.150		ppbV	1	9/29/2005
1,3-butadiene	ND	0.150		ppbV	1	9/29/2005
1,3-Dichlorobenzene	ND	0.150		ppbV	1	9/29/2005
1,4-Dichlorobenzene	ND	0.150		ppbV	1	9/29/2005
1,4-Dioxane	ND	0.300		ppbV	1	9/29/2005
2,2,4-trimethylpentane	0.670	0.150		ppbV	1	9/29/2005
4-ethyltoluene	0.320	0.150		ppbV	1	9/29/2005
Acetone	11.1	1.50		ppbV	5	9/29/2005
Allyl chloride	ND	0.150		ppbV	1	9/29/2005
Benzene	0.470	0.150		ppbV	1	9/29/2005
Benzyl chloride	ND	0.150		ppbV	1	9/29/2005
Bromodichloromethane	0.10	0.150	J	ppbV	1	9/29/2005
Bromoform	ND	0.150		ppbV	1	9/29/2005
Bromomethane	ND	0.150		ppbV	1	9/29/2005
Carbon disulfide	ND	0.150		ppbV	1	9/29/2005
Carbon tetrachloride	ND	0.150		ppbV	1	9/29/2005
Chlorobenzene	ND	0.150		ppbV	1	9/29/2005
Chloroethane	ND	0.150		ppbV	1	9/29/2005
Chloroform	1.01	0.150		ppbV	1	9/29/2005
Chloromethane	0.660	0.150		ppbV	1	9/29/2005
cis-1,2-Dichloroethene	ND	0.150		ppbV	1	9/29/2005
cis-1,3-Dichloropropene	ND	0.150		ppbV	1	9/29/2005
Cyclohexane	1.61	0.150		ppbV	1	9/29/2005
Dibromochloromethane	ND	0.150		ppbV	1	9/29/2005
Ethyl acetate	ND	0.250		ppbV	1	9/29/2005
Ethylbenzene	0.400	0.150		ppbV	1	9/29/2005
Freon 11	0.540	0.150		ppbV	1	9/29/2005
Freon 113	2.70	0.750		ppbV	5	9/29/2005
Freon 114	ND	0.150		ppbV	1	9/29/2005

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 at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 09-Oct-05

CLIENT: ESC Environmental
Lab Order: C0509018
Project: 127491.05
Lab ID: C0509018-009A

Client Sample ID: RD2IABR092205
Tag Number: 162,
Collection Date: 9/22/2005
Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15 1UG/M3 W/ 0.25UG/M3 TCE		TO-15		Analyst: RJP		
Freon 12	0.890	0.150		ppbV	1	9/29/2005
Heptane	0.260	0.150		ppbV	1	9/29/2005
Hexachloro-1,3-butadiene	ND	0.150		ppbV	1	9/29/2005
Hexane	0.830	0.150		ppbV	1	9/29/2005
Isopropyl alcohol	ND	0.150		ppbV	1	9/29/2005
m-Xylene	1.00	0.150		ppbV	1	9/29/2005
Methyl Butyl Ketone	ND	0.300		ppbV	1	9/29/2005
Methyl Ethyl Ketone	ND	0.300		ppbV	1	9/29/2005
Methyl Isobutyl Ketone	ND	0.300		ppbV	1	9/29/2005
Methyl tert-butyl ether	ND	0.150		ppbV	1	9/29/2005
Methylene chloride	0.670	0.150		ppbV	1	9/29/2005
o-Xylene	0.530	0.150		ppbV	1	9/29/2005
p-Xylene	0.400	0.150		ppbV	1	9/29/2005
Propylene	ND	0.150		ppbV	1	9/29/2005
Styrene	0.230	0.150		ppbV	1	9/29/2005
Tetrachloroethylene	0.210	0.150		ppbV	1	9/29/2005
Tetrahydrofuran	ND	0.150		ppbV	1	9/29/2005
Toluene	3.80	0.750		ppbV	5	9/29/2005
trans-1,2-Dichloroethene	ND	0.150		ppbV	1	9/29/2005
trans-1,3-Dichloropropene	ND	0.150		ppbV	1	9/29/2005
Trichloroethene	0.360	0.0400		ppbV	1	9/29/2005
Vinyl acetate	ND	0.150		ppbV	1	9/29/2005
Vinyl Bromide	ND	0.150		ppbV	1	9/29/2005
Vinyl chloride	ND	0.150		ppbV	1	9/29/2005
Surr: Bromofluorobenzene	116	70-130		%REC	1	9/29/2005

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 at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 09-Oct-05

CLIENT: ESC Environmental
Lab Order: C0509018
Project: 127491.05
Lab ID: C0509018-009A

Client Sample ID: RD2IABR092205
Tag Number: 162,
Collection Date: 9/22/2005
Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15 1UG/M3 W/ 0.25UG/M3 TCE		TO-15		Analyst: RJP		
1,1,1-Trichloroethane	0.666	0.832	J	ug/m3	1	9/29/2005
1,1,2,2-Tetrachloroethane	ND	1.05		ug/m3	1	9/29/2005
1,1,2-Trichloroethane	ND	0.832		ug/m3	1	9/29/2005
1,1-Dichloroethane	ND	0.617		ug/m3	1	9/29/2005
1,1-Dichloroethene	ND	0.605		ug/m3	1	9/29/2005
1,2,4-Trichlorobenzene	ND	1.13		ug/m3	1	9/29/2005
1,2,4-Trimethylbenzene	5.50	0.749		ug/m3	1	9/29/2005
1,2-Dibromoethane	ND	1.17		ug/m3	1	9/29/2005
1,2-Dichlorobenzene	ND	0.917		ug/m3	1	9/29/2005
1,2-Dichloroethane	ND	0.617		ug/m3	1	9/29/2005
1,2-Dichloropropane	ND	0.705		ug/m3	1	9/29/2005
1,3,5-Trimethylbenzene	4.70	0.750		ug/m3	1	9/29/2005
1,3-butadiene	ND	0.337		ug/m3	1	9/29/2005
1,3-Dichlorobenzene	ND	0.917		ug/m3	1	9/29/2005
1,4-Dichlorobenzene	ND	0.917		ug/m3	1	9/29/2005
1,4-Dioxane	ND	1.10		ug/m3	1	9/29/2005
2,2,4-trimethylpentane	3.18	0.712		ug/m3	1	9/29/2005
4-ethyltoluene	1.60	0.750		ug/m3	1	9/29/2005
Acetone	26.8	3.62		ug/m3	5	9/29/2005
Allyl chloride	ND	0.477		ug/m3	1	9/29/2005
Benzene	1.53	0.487		ug/m3	1	9/29/2005
Benzyl chloride	ND	0.877		ug/m3	1	9/29/2005
Bromodichloromethane	0.681	1.02	J	ug/m3	1	9/29/2005
Bromoform	ND	1.58		ug/m3	1	9/29/2005
Bromomethane	ND	0.592		ug/m3	1	9/29/2005
Carbon disulfide	ND	0.475		ug/m3	1	9/29/2005
Carbon tetrachloride	ND	0.959		ug/m3	1	9/29/2005
Chlorobenzene	ND	0.702		ug/m3	1	9/29/2005
Chloroethane	ND	0.402		ug/m3	1	9/29/2005
Chloroform	5.01	0.744		ug/m3	1	9/29/2005
Chloromethane	1.39	0.315		ug/m3	1	9/29/2005
cis-1,2-Dichloroethene	ND	0.604		ug/m3	1	9/29/2005
cis-1,3-Dichloropropene	ND	0.692		ug/m3	1	9/29/2005
Cyclohexane	5.63	0.525		ug/m3	1	9/29/2005
Dibromochloromethane	ND	1.30		ug/m3	1	9/29/2005
Ethyl acetate	ND	0.916		ug/m3	1	9/29/2005
Ethylbenzene	1.77	0.662		ug/m3	1	9/29/2005
Freon 11	3.08	0.857		ug/m3	1	9/29/2005
Freon 113	21.0	5.84		ug/m3	5	9/29/2005
Freon 114	ND	1.07		ug/m3	1	9/29/2005

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 at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 09-Oct-05

CLIENT: ESC Environmental
Lab Order: C0509018
Project: 127491.05
Lab ID: C0509018-009A

Client Sample ID: RD21ABR092205
Tag Number: 162,
Collection Date: 9/22/2005
Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15 1UG/M3 W/ 0.25UG/M3 TCE						Analyst: RJP
Freon 12	4.47	0.754		ug/m3	1	9/29/2005
Heptane	1.08	0.625		ug/m3	1	9/29/2005
Hexachloro-1,3-butadiene	ND	1.63		ug/m3	1	9/29/2005
Hexane	2.97	0.537		ug/m3	1	9/29/2005
Isopropyl alcohol	ND	0.375		ug/m3	1	9/29/2005
m-Xylene	4.41	0.662		ug/m3	1	9/29/2005
Methyl Butyl Ketone	ND	1.25		ug/m3	1	9/29/2005
Methyl Ethyl Ketone	ND	0.899		ug/m3	1	9/29/2005
Methyl Isobutyl Ketone	ND	1.25		ug/m3	1	9/29/2005
Methyl tert-butyl ether	ND	0.550		ug/m3	1	9/29/2005
Methylene chloride	2.37	0.530		ug/m3	1	9/29/2005
o-Xylene	2.34	0.662		ug/m3	1	9/29/2005
p-Xylene	1.77	0.662		ug/m3	1	9/29/2005
Propylene	ND	0.262		ug/m3	1	9/29/2005
Styrene	0.996	0.649		ug/m3	1	9/29/2005
Tetrachloroethylene	1.45	1.03		ug/m3	1	9/29/2005
Tetrahydrofuran	ND	0.450		ug/m3	1	9/29/2005
Toluene	14.6	2.87		ug/m3	5	9/29/2005
trans-1,2-Dichloroethene	ND	0.604		ug/m3	1	9/29/2005
trans-1,3-Dichloropropene	ND	0.692		ug/m3	1	9/29/2005
Trichloroethene	1.97	0.218		ug/m3	1	9/29/2005
Vinyl acetate	ND	0.537		ug/m3	1	9/29/2005
Vinyl Bromide	ND	0.667		ug/m3	1	9/29/2005
Vinyl chloride	ND	0.390		ug/m3	1	9/29/2005

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 at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 09-Oct-05

CLIENT: ESC Environmental
 Lab Order: C0509018
 Project: 127491.05
 Lab ID: C0509018-010A

Client Sample ID: RD3IAB092205
 Tag Number: 210
 Collection Date: 9/22/2005
 Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15 1UG/M3 W/ 0.25UG/M3 TCE		TO-15		Analyst: RJP		
1,1,1-Trichloroethane	0.170	0.150		ppbV	1	9/29/2005
1,1,2,2-Tetrachloroethane	ND	0.150		ppbV	1	9/29/2005
1,1,2-Trichloroethane	ND	0.150		ppbV	1	9/29/2005
1,1-Dichloroethane	ND	0.150		ppbV	1	9/29/2005
1,1-Dichloroethene	ND	0.150		ppbV	1	9/29/2005
1,2,4-Trichlorobenzene	ND	0.150		ppbV	1	9/29/2005
1,2,4-Trimethylbenzene	0.690	0.150		ppbV	1	9/29/2005
1,2-Dibromoethane	ND	0.150		ppbV	1	9/29/2005
1,2-Dichlorobenzene	ND	0.150		ppbV	1	9/29/2005
1,2-Dichloroethane	ND	0.150		ppbV	1	9/29/2005
1,2-Dichloropropane	ND	0.150		ppbV	1	9/29/2005
1,3,5-Trimethylbenzene	0.400	0.150		ppbV	1	9/29/2005
1,3-butadiene	ND	0.150		ppbV	1	9/29/2005
1,3-Dichlorobenzene	ND	0.150		ppbV	1	9/29/2005
1,4-Dichlorobenzene	ND	0.150		ppbV	1	9/29/2005
1,4-Dioxane	ND	0.300		ppbV	1	9/29/2005
2,2,4-trimethylpentane	ND	0.150		ppbV	1	9/29/2005
4-ethyltoluene	0.160	0.150		ppbV	1	9/29/2005
Acetone	13.6	3.00		ppbV	10	9/29/2005
Allyl chloride	ND	0.150		ppbV	1	9/29/2005
Benzene	0.370	0.150		ppbV	1	9/29/2005
Benzyl chloride	ND	0.150		ppbV	1	9/29/2005
Bromodichloromethane	ND	0.150		ppbV	1	9/29/2005
Bromoform	ND	0.150		ppbV	1	9/29/2005
Bromomethane	ND	0.150		ppbV	1	9/29/2005
Carbon disulfide	ND	0.150		ppbV	1	9/29/2005
Carbon tetrachloride	ND	0.150		ppbV	1	9/29/2005
Chlorobenzene	ND	0.150		ppbV	1	9/29/2005
Chloroethane	ND	0.150		ppbV	1	9/29/2005
Chloroform	1.27	0.150		ppbV	1	9/29/2005
Chloromethane	0.590	0.150		ppbV	1	9/29/2005
cis-1,2-Dichloroethene	ND	0.150		ppbV	1	9/29/2005
cis-1,3-Dichloropropene	ND	0.150		ppbV	1	9/29/2005
Cyclohexane	0.870	0.150		ppbV	1	9/29/2005
Dibromochloromethane	ND	0.150		ppbV	1	9/29/2005
Ethyl acetate	ND	0.250		ppbV	1	9/29/2005
Ethylbenzene	0.190	0.150		ppbV	1	9/29/2005
Freon 11	0.410	0.150		ppbV	1	9/29/2005
Freon 113	1.12	0.150		ppbV	1	9/29/2005
Freon 114	ND	0.150		ppbV	1	9/29/2005

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 at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 09-Oct-05

CLIENT: ESC Environmental
 Lab Order: C0509018
 Project: 127491.05
 Lab ID: C0509018-010A

Client Sample ID: RD3IAB092205
 Tag Number: 210
 Collection Date: 9/22/2005
 Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15 1UG/M3 W/ 0.25UG/M3 TCE						Analyst: RJP
Freon 12	0.760	0.150		ppbV	1	9/29/2005
Heptane	ND	0.150		ppbV	1	9/29/2005
Hexachloro-1,3-butadiene	ND	0.150		ppbV	1	9/29/2005
Hexane	0.460	0.150		ppbV	1	9/29/2005
Isopropyl alcohol	ND	0.150		ppbV	1	9/29/2005
m-Xylene	0.440	0.150		ppbV	1	9/29/2005
Methyl Butyl Ketone	ND	0.300		ppbV	1	9/29/2005
Methyl Ethyl Ketone	ND	0.300		ppbV	1	9/29/2005
Methyl Isobutyl Ketone	ND	0.300		ppbV	1	9/29/2005
Methyl tert-butyl ether	ND	0.150		ppbV	1	9/29/2005
Methylene chloride	0.370	0.150		ppbV	1	9/29/2005
o-Xylene	0.300	0.150		ppbV	1	9/29/2005
p-Xylene	0.240	0.150		ppbV	1	9/29/2005
Propylene	ND	0.150		ppbV	1	9/29/2005
Styrene	ND	0.150		ppbV	1	9/29/2005
Tetrachloroethylene	0.410	0.150		ppbV	1	9/29/2005
Tetrahydrofuran	ND	0.150		ppbV	1	9/29/2005
Toluene	1.80	0.150		ppbV	1	9/29/2005
trans-1,2-Dichloroethene	ND	0.150		ppbV	1	9/29/2005
trans-1,3-Dichloropropene	ND	0.150		ppbV	1	9/29/2005
Trichloroethene	0.240	0.0400		ppbV	1	9/29/2005
Vinyl acetate	ND	0.150		ppbV	1	9/29/2005
Vinyl Bromide	ND	0.150		ppbV	1	9/29/2005
Vinyl chloride	ND	0.150		ppbV	1	9/29/2005
Surr: Bromofluorobenzene	113	70-130		%REC	1	9/29/2005

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 at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 09-Oct-05

CLIENT: ESC Environmental
Lab Order: C0509018
Project: 127491.05
Lab ID: C0509018-010A

Client Sample ID: RD3IAB092205
Tag Number: 210
Collection Date: 9/22/2005
Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15 1UG/M3 W/ 0.25UG/M3 TCE		TO-15		Analyst: RJP		
1,1,1-Trichloroethane	0.943	0.832		ug/m3	1	9/29/2005
1,1,2,2-Tetrachloroethane	ND	1.05		ug/m3	1	9/29/2005
1,1,2-Trichloroethane	ND	0.832		ug/m3	1	9/29/2005
1,1-Dichloroethane	ND	0.617		ug/m3	1	9/29/2005
1,1-Dichloroethene	ND	0.605		ug/m3	1	9/29/2005
1,2,4-Trichlorobenzene	ND	1.13		ug/m3	1	9/29/2005
1,2,4-Trimethylbenzene	3.45	0.749		ug/m3	1	9/29/2005
1,2-Dibromoethane	ND	1.17		ug/m3	1	9/29/2005
1,2-Dichlorobenzene	ND	0.917		ug/m3	1	9/29/2005
1,2-Dichloroethane	ND	0.617		ug/m3	1	9/29/2005
1,2-Dichloropropane	ND	0.705		ug/m3	1	9/29/2005
1,3,5-Trimethylbenzene	2.00	0.750		ug/m3	1	9/29/2005
1,3-butadiene	ND	0.337		ug/m3	1	9/29/2005
1,3-Dichlorobenzene	ND	0.917		ug/m3	1	9/29/2005
1,4-Dichlorobenzene	ND	0.917		ug/m3	1	9/29/2005
1,4-Dioxane	ND	1.10		ug/m3	1	9/29/2005
2,2,4-trimethylpentane	ND	0.712		ug/m3	1	9/29/2005
4-ethyltoluene	0.800	0.750		ug/m3	1	9/29/2005
Acetone	32.8	7.24		ug/m3	10	9/29/2005
Allyl chloride	ND	0.477		ug/m3	1	9/29/2005
Benzene	1.20	0.487		ug/m3	1	9/29/2005
Benzyl chloride	ND	0.877		ug/m3	1	9/29/2005
Bromodichloromethane	ND	1.02		ug/m3	1	9/29/2005
Bromoform	ND	1.58		ug/m3	1	9/29/2005
Bromomethane	ND	0.592		ug/m3	1	9/29/2005
Carbon disulfide	ND	0.475		ug/m3	1	9/29/2005
Carbon tetrachloride	ND	0.959		ug/m3	1	9/29/2005
Chlorobenzene	ND	0.702		ug/m3	1	9/29/2005
Chloroethane	ND	0.402		ug/m3	1	9/29/2005
Chloroform	6.30	0.744		ug/m3	1	9/29/2005
Chloromethane	1.24	0.315		ug/m3	1	9/29/2005
cis-1,2-Dichloroethene	ND	0.604		ug/m3	1	9/29/2005
cis-1,3-Dichloropropene	ND	0.692		ug/m3	1	9/29/2005
Cyclohexane	3.04	0.525		ug/m3	1	9/29/2005
Dibromochloromethane	ND	1.30		ug/m3	1	9/29/2005
Ethyl acetate	ND	0.916		ug/m3	1	9/29/2005
Ethylbenzene	0.839	0.662		ug/m3	1	9/29/2005
Freon 11	2.34	0.857		ug/m3	1	9/29/2005
Freon 113	8.72	1.17		ug/m3	1	9/29/2005
Freon 114	ND	1.07		ug/m3	1	9/29/2005

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 at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 09-Oct-05

CLIENT: ESC Environmental
Lab Order: C0509018
Project: 127491.05
Lab ID: C0509018-010A

Client Sample ID: RD3IAB092205
Tag Number: 210
Collection Date: 9/22/2005
Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15 1UG/M3 W/ 0.25UG/M3 TCE		TO-15		Analyst: RJP		
Freon 12	3.82	0.754		ug/m3	1	9/29/2005
Heptane	ND	0.625		ug/m3	1	9/29/2005
Hexachloro-1,3-butadiene	ND	1.63		ug/m3	1	9/29/2005
Hexane	1.65	0.537		ug/m3	1	9/29/2005
Isopropyl alcohol	ND	0.375		ug/m3	1	9/29/2005
m-Xylene	1.94	0.662		ug/m3	1	9/29/2005
Methyl Butyl Ketone	ND	1.25		ug/m3	1	9/29/2005
Methyl Ethyl Ketone	ND	0.899		ug/m3	1	9/29/2005
Methyl Isobutyl Ketone	ND	1.25		ug/m3	1	9/29/2005
Methyl tert-butyl ether	ND	0.550		ug/m3	1	9/29/2005
Methylene chloride	1.31	0.530		ug/m3	1	9/29/2005
o-Xylene	1.32	0.662		ug/m3	1	9/29/2005
p-Xylene	1.06	0.662		ug/m3	1	9/29/2005
Propylene	ND	0.262		ug/m3	1	9/29/2005
Styrene	ND	0.649		ug/m3	1	9/29/2005
Tetrachloroethylene	2.83	1.03		ug/m3	1	9/29/2005
Tetrahydrofuran	ND	0.450		ug/m3	1	9/29/2005
Toluene	6.89	0.575		ug/m3	1	9/29/2005
trans-1,2-Dichloroethene	ND	0.604		ug/m3	1	9/29/2005
trans-1,3-Dichloropropene	ND	0.692		ug/m3	1	9/29/2005
Trichloroethene	1.31	0.218		ug/m3	1	9/29/2005
Vinyl acetate	ND	0.537		ug/m3	1	9/29/2005
Vinyl Bromide	ND	0.667		ug/m3	1	9/29/2005
Vinyl chloride	ND	0.390		ug/m3	1	9/29/2005

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 at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 09-Oct-05

CLIENT: ESC Environmental
 Lab Order: C0509018
 Project: 127491.05
 Lab ID: C0509018-011A

Client Sample ID: TRIP BLANK
 Tag Number: 243
 Collection Date: 9/22/2005
 Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15 1UG/M3 W/ 0.25UG/M3 TCE		TO-15		Analyst: RJP		
1,1,1-Trichloroethane	ND	0.150		ppbV	1	9/29/2005
1,1,2,2-Tetrachloroethane	ND	0.150		ppbV	1	9/29/2005
1,1,2-Trichloroethane	ND	0.150		ppbV	1	9/29/2005
1,1-Dichloroethane	ND	0.150		ppbV	1	9/29/2005
1,1-Dichloroethene	ND	0.150		ppbV	1	9/29/2005
1,2,4-Trichlorobenzene	ND	0.150		ppbV	1	9/29/2005
1,2,4-Trimethylbenzene	ND	0.150		ppbV	1	9/29/2005
1,2-Dibromoethane	ND	0.150		ppbV	1	9/29/2005
1,2-Dichlorobenzene	ND	0.150		ppbV	1	9/29/2005
1,2-Dichloroethane	ND	0.150		ppbV	1	9/29/2005
1,2-Dichloropropane	ND	0.150		ppbV	1	9/29/2005
1,3,5-Trimethylbenzene	ND	0.150		ppbV	1	9/29/2005
1,3-butadiene	ND	0.150		ppbV	1	9/29/2005
1,3-Dichlorobenzene	ND	0.150		ppbV	1	9/29/2005
1,4-Dichlorobenzene	ND	0.150		ppbV	1	9/29/2005
1,4-Dioxane	ND	0.300		ppbV	1	9/29/2005
2,2,4-trimethylpentane	ND	0.150		ppbV	1	9/29/2005
4-ethyltoluene	ND	0.150		ppbV	1	9/29/2005
Acetone	ND	0.300		ppbV	1	9/29/2005
Allyl chloride	ND	0.150		ppbV	1	9/29/2005
Benzene	ND	0.150		ppbV	1	9/29/2005
Benzyl chloride	ND	0.150		ppbV	1	9/29/2005
Bromodichloromethane	ND	0.150		ppbV	1	9/29/2005
Bromoform	ND	0.150		ppbV	1	9/29/2005
Bromomethane	ND	0.150		ppbV	1	9/29/2005
Carbon disulfide	ND	0.150		ppbV	1	9/29/2005
Carbon tetrachloride	ND	0.150		ppbV	1	9/29/2005
Chlorobenzene	ND	0.150		ppbV	1	9/29/2005
Chloroethane	ND	0.150		ppbV	1	9/29/2005
Chloroform	ND	0.150		ppbV	1	9/29/2005
Chloromethane	ND	0.150		ppbV	1	9/29/2005
cis-1,2-Dichloroethene	ND	0.150		ppbV	1	9/29/2005
cis-1,3-Dichloropropene	ND	0.150		ppbV	1	9/29/2005
Cyclohexane	ND	0.150		ppbV	1	9/29/2005
Dibromochloromethane	ND	0.150		ppbV	1	9/29/2005
Ethyl acetate	ND	0.250		ppbV	1	9/29/2005
Ethylbenzene	ND	0.150		ppbV	1	9/29/2005
Freon 11	ND	0.150		ppbV	1	9/29/2005
Freon 113	ND	0.150		ppbV	1	9/29/2005
Freon 114	ND	0.150		ppbV	1	9/29/2005

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 at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 09-Oct-05

CLIENT: ESC Environmental
Lab Order: C0509018
Project: 127491.05
Lab ID: C0509018-011A

Client Sample ID: TRIP BLANK
Tag Number: 243
Collection Date: 9/22/2005
Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15 1UG/M3 W/ 0.25UG/M3 TCE		TO-15		Analyst: RJP		
Freon 12	ND	0.150		ppbV	1	9/29/2005
Heptane	ND	0.150		ppbV	1	9/29/2005
Hexachloro-1,3-butadiene	ND	0.150		ppbV	1	9/29/2005
Hexane	ND	0.150		ppbV	1	9/29/2005
Isopropyl alcohol	ND	0.150		ppbV	1	9/29/2005
m-Xylene	ND	0.150		ppbV	1	9/29/2005
Methyl Butyl Ketone	ND	0.300		ppbV	1	9/29/2005
Methyl Ethyl Ketone	ND	0.300		ppbV	1	9/29/2005
Methyl Isobutyl Ketone	ND	0.300		ppbV	1	9/29/2005
Methyl tert-butyl ether	ND	0.150		ppbV	1	9/29/2005
Methylene chloride	ND	0.150		ppbV	1	9/29/2005
o-Xylene	ND	0.150		ppbV	1	9/29/2005
p-Xylene	ND	0.150		ppbV	1	9/29/2005
Propylene	ND	0.150		ppbV	1	9/29/2005
Styrene	ND	0.150		ppbV	1	9/29/2005
Tetrachloroethylene	ND	0.150		ppbV	1	9/29/2005
Tetrahydrofuran	ND	0.150		ppbV	1	9/29/2005
Toluene	ND	0.150		ppbV	1	9/29/2005
trans-1,2-Dichloroethene	ND	0.150		ppbV	1	9/29/2005
trans-1,3-Dichloropropene	ND	0.150		ppbV	1	9/29/2005
Trichloroethene	ND	0.0400		ppbV	1	9/29/2005
Vinyl acetate	ND	0.150		ppbV	1	9/29/2005
Vinyl Bromide	ND	0.150		ppbV	1	9/29/2005
Vinyl chloride	ND	0.150		ppbV	1	9/29/2005
Surr: Bromofluorobenzene	83.0	70-130		%REC	1	9/29/2005

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 at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 09-Oct-05

CLIENT: ESC Environmental
 Lab Order: C0509018
 Project: 127491.05
 Lab ID: C0509018-011A

Client Sample ID: TRIP BLANK
 Tag Number: 243
 Collection Date: 9/22/2005
 Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15 1UG/M3 W/ 0.25UG/M3 TCE		TO-15		Analyst: RJP		
1,1,1-Trichloroethane	ND	0.832		ug/m3	1	9/29/2005
1,1,2,2-Tetrachloroethane	ND	1.05		ug/m3	1	9/29/2005
1,1,2-Trichloroethane	ND	0.832		ug/m3	1	9/29/2005
1,1-Dichloroethane	ND	0.617		ug/m3	1	9/29/2005
1,1-Dichloroethene	ND	0.605		ug/m3	1	9/29/2005
1,2,4-Trichlorobenzene	ND	1.13		ug/m3	1	9/29/2005
1,2,4-Trimethylbenzene	ND	0.749		ug/m3	1	9/29/2005
1,2-Dibromoethane	ND	1.17		ug/m3	1	9/29/2005
1,2-Dichlorobenzene	ND	0.917		ug/m3	1	9/29/2005
1,2-Dichloroethane	ND	0.617		ug/m3	1	9/29/2005
1,2-Dichloropropane	ND	0.705		ug/m3	1	9/29/2005
1,3,5-Trimethylbenzene	ND	0.750		ug/m3	1	9/29/2005
1,3-butadiene	ND	0.337		ug/m3	1	9/29/2005
1,3-Dichlorobenzene	ND	0.917		ug/m3	1	9/29/2005
1,4-Dichlorobenzene	ND	0.917		ug/m3	1	9/29/2005
1,4-Dioxane	ND	1.10		ug/m3	1	9/29/2005
2,2,4-trimethylpentane	ND	0.712		ug/m3	1	9/29/2005
4-ethyltoluene	ND	0.750		ug/m3	1	9/29/2005
Acetone	ND	0.724		ug/m3	1	9/29/2005
Allyl chloride	ND	0.477		ug/m3	1	9/29/2005
Benzene	ND	0.487		ug/m3	1	9/29/2005
Benzyl chloride	ND	0.877		ug/m3	1	9/29/2005
Bromodichloromethane	ND	1.02		ug/m3	1	9/29/2005
Bromoform	ND	1.58		ug/m3	1	9/29/2005
Bromomethane	ND	0.592		ug/m3	1	9/29/2005
Carbon disulfide	ND	0.475		ug/m3	1	9/29/2005
Carbon tetrachloride	ND	0.959		ug/m3	1	9/29/2005
Chlorobenzene	ND	0.702		ug/m3	1	9/29/2005
Chloroethane	ND	0.402		ug/m3	1	9/29/2005
Chloroform	ND	0.744		ug/m3	1	9/29/2005
Chloromethane	ND	0.315		ug/m3	1	9/29/2005
cis-1,2-Dichloroethene	ND	0.604		ug/m3	1	9/29/2005
cis-1,3-Dichloropropene	ND	0.692		ug/m3	1	9/29/2005
Cyclohexane	ND	0.525		ug/m3	1	9/29/2005
Dibromochloromethane	ND	1.30		ug/m3	1	9/29/2005
Ethyl acetate	ND	0.916		ug/m3	1	9/29/2005
Ethylbenzene	ND	0.662		ug/m3	1	9/29/2005
Freon 11	ND	0.857		ug/m3	1	9/29/2005
Freon 113	ND	1.17		ug/m3	1	9/29/2005
Freon 114	ND	1.07		ug/m3	1	9/29/2005

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 at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 09-Oct-05

CLIENT: ESC Environmental
Lab Order: C0509018
Project: 127491.05
Lab ID: C0509018-011A

Client Sample ID: TRIP BLANK
Tag Number: 243
Collection Date: 9/22/2005
Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15 1UG/M3 W/ 0.25UG/M3 TCE		TO-15		Analyst: RJP		
Freon 12	ND	0.754		ug/m3	1	9/29/2005
Heptane	ND	0.625		ug/m3	1	9/29/2005
Hexachloro-1,3-butadiene	ND	1.63		ug/m3	1	9/29/2005
Hexane	ND	0.537		ug/m3	1	9/29/2005
Isopropyl alcohol	ND	0.375		ug/m3	1	9/29/2005
m-Xylene	ND	0.662		ug/m3	1	9/29/2005
Methyl Butyl Ketone	ND	1.25		ug/m3	1	9/29/2005
Methyl Ethyl Ketone	ND	0.899		ug/m3	1	9/29/2005
Methyl Isobutyl Ketone	ND	1.25		ug/m3	1	9/29/2005
Methyl tert-butyl ether	ND	0.550		ug/m3	1	9/29/2005
Methylene chloride	ND	0.530		ug/m3	1	9/29/2005
o-Xylene	ND	0.662		ug/m3	1	9/29/2005
p-Xylene	ND	0.662		ug/m3	1	9/29/2005
Propylene	ND	0.262		ug/m3	1	9/29/2005
Styrene	ND	0.649		ug/m3	1	9/29/2005
Tetrachloroethylene	ND	1.03		ug/m3	1	9/29/2005
Tetrahydrofuran	ND	0.450		ug/m3	1	9/29/2005
Toluene	ND	0.575		ug/m3	1	9/29/2005
trans-1,2-Dichloroethene	ND	0.604		ug/m3	1	9/29/2005
trans-1,3-Dichloropropene	ND	0.692		ug/m3	1	9/29/2005
Trichloroethene	ND	0.218		ug/m3	1	9/29/2005
Vinyl acetate	ND	0.537		ug/m3	1	9/29/2005
Vinyl Bromide	ND	0.667		ug/m3	1	9/29/2005
Vinyl chloride	ND	0.390		ug/m3	1	9/29/2005

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 at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

GC/MS VOLATILES-WHOLE AIR

METHOD TO-15

QUALITY CONTROL SUMMARY

CLIENT: ESC Environmental

Work Order: C0509018

Project: 127491.05

Test No: TO-15

Matrix: A

**QC SUMMARY REPORT
SURROGATE RECOVERIES**

Sample ID BR4FBZ

BS1UT-092905	110							
C0509018-001A	106							
C0509018-002A	106							
C0509018-003A	98.0							
C0509018-004A	123							
C0509018-005A	106							
C0509018-006A	105							
C0509018-007A	112							
C0509018-008A	116							
C0509018-009A	116							
C0509018-010A	113							
C0509018-010A MS	117							
C0509018-010A MSD	114							
C0509018-011A	83.0							
MB1UT-092905	79.0							

Acronym	Surrogate	QC Limits
BR4FBZ	= Bromofluorobenzene	70-130

* Surrogate recovery outside acceptance limits

1

GC/MS QA-QC Check Report

Tune File : C:\MSDCHEM\1\DATA\AC092903.D

Tune Time : 29 Sep 2005 11:05 am

Daily Calibration File : C:\MSDCHEM\1\DATA\AC092903.D

		26275		73527	73897
File	Sample	Surrogate Recovery %	Internal Standard Responses		
AC092904.D	BS1UT-092905	110	24644	66604	68925
AC092905.D	MB1UT-092905	79	20607	53037	53158
AC092909.D	C0509018-011A	83	24152	57018	60395
AC092910.D	C0509018-010A	113	27869	77572	89041
AC092911.D	C0509018-010A	117	MS	32110	97246
AC092912.D	C0509018-010A	114	MSD	35535	107721*
AC092913.D	C0509018-001A	106	32362	95683	99327
AC092914.D	C0509018-002A	106	30870	95000	99432
AC092915.D	C0509018-007A	112	25949	89540	102502
AC092916.D	C0509018-008A	116	22954	77747	85734
AC092917.D	C0509018-009A	116	22493	80993	89151
AC092918.D	C0509018-003A	98	23561	73713	80176
AC092919.D	C0509018-004A	123	22161	78542	83376
AC092920.D	C0509018-005A	106	21827	75528	81392
AC092921.D	C0509018-006A	105	21870	71003	74978
AC092922.D	C0509018-007A	96	DL5x	19372	61346
AC092923.D	C0509018-008A	93	DL5x	18709	56635
AC092924.D	C0509018-009A	102	DL5x	17770	52230
AC092925.D	C0509018-003A	80	DL10x	18729	46754
AC092926.D	C0509018-004A	89	DL10x	21053	45219
AC092927.D	C0509018-005A	80	DL10x	24280	49272
AC092928.D	C0509018-006A	81	DL10x	21552	46566
AC092929.D	C0509018-010A	76	DL10x	19214	45930

t - fails 24hr time check * - fails criteria

Created: Sun Oct 09 14:22:14 2005 MSD #1/

CLIENT: ESC Environmental
 Work Order: C0509018
 Project: 127491.05

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15_0.25TCE

Sample ID	BS1UT-092905	SamplType: LCS	TestCode: TO15_0.25TC	Units: ppbV	Prep Date:	RunNo: 386					
Client ID:	ZZZZZ	Batch ID: R386	TestNo: TO-15		Analysis Date: 9/29/2005	SeqNo: 5842					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	1.270	0.150	1	0	127	70	130				
1,1,2,2-Tetrachloroethane	1.140	0.150	1	0	114	70	130				
1,1,2-Trichloroethane	1.200	0.150	1	0	120	70	130				
1,1-Dichloroethane	1.090	0.150	1	0	109	70	130				
1,1-Dichloroethene	1.030	0.150	1	0	103	70	130				
1,2,4-Trichlorobenzene	1.190	0.150	1	0	119	70	130				
1,2,4-Trimethylbenzene	1.160	0.150	1	0	116	70	130				
1,2-Dibromoethane	1.140	0.150	1	0	114	70	130				
1,2-Dichlorobenzene	1.290	0.150	1	0	129	70	130				
1,2-Dichloroethane	1.060	0.150	1	0	106	70	130				
1,2-Dichloropropane	1.200	0.150	1	0	120	70	130				
1,3,5-Trimethylbenzene	1.300	0.150	1	0	130	70	130				
1,3-butadiene	1.100	0.150	1	0	110	70	130				
1,3-Dichlorobenzene	1.220	0.150	1	0	122	70	130				
1,4-Dichlorobenzene	1.250	0.150	1	0	125	70	130				
1,4-Dioxane	0.8900	0.300	1	0	89.0	70	130				
2,2,4-trimethylpentane	1.240	0.150	1	0	124	70	130				
4-ethyltoluene	1.260	0.150	1	0	126	70	130				
Acetone	1.180	0.300	1	0	118	70	130				
Allyl chloride	1.230	0.150	1	0	123	70	130				
Benzene	1.120	0.150	1	0	112	70	130				
Benzyl chloride	1.290	0.150	1	0	129	70	130				
Bromodichloromethane	1.330	0.150	1	0	133	70	130				S
Bromoform	1.370	0.150	1	0	137	70	130				S
Bromomethane	1.040	0.150	1	0	104	70	130				
Carbon disulfide	1.060	0.150	1	0	106	70	130				
Carbon tetrachloride	1.210	0.150	1	0	121	70	130				
Chlorobenzene	1.060	0.150	1	0	106	70	130				
Chloroethane	0.9200	0.150	1	0	92.0	70	130				

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

CLIENT: ESC Environmental
 Work Order: C0509018
 Project: 127491.05

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15_0.25TCE

Sample ID	BS1UT-092905	SampType: LCS	TestCode: TO15_0.25TC	Units: ppbV	Prep Date:	RunNo: 386					
Client ID: ZZZZZ	Batch ID: R386	TestNo: TO-15			Analysis Date: 9/29/2005	SeqNo: 5842					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloroform	1.100	0.150	1	0	110	70	130				
Chloromethane	0.9000	0.150	1	0	90.0	70	130				
cis-1,2-Dichloroethene	1.010	0.150	1	0	101	70	130				
cis-1,3-Dichloropropene	1.270	0.150	1	0	127	70	130				
Cyclohexane	1.310	0.150	1	0	131	70	130				S
Dibromochloromethane	1.200	0.150	1	0	120	70	130				
Ethyl acetate	0.9100	0.250	1	0	91.0	70	130				
Ethylbenzene	0.9800	0.150	1	0	98.0	70	130				
Freon 11	1.190	0.150	1	0	119	70	130				
Freon 113	1.100	0.150	1	0	110	70	130				
Freon 114	1.110	0.150	1	0	111	70	130				
Freon 12	1.100	0.150	1	0	110	70	130				
Heptane	1.230	0.150	1	0	123	70	130				
Hexachloro-1,3-butadiene	1.260	0.150	1	0	126	70	130				
Hexane	1.300	0.150	1	0	130	70	130				
Isopropyl alcohol	1.250	0.150	1	0	125	70	130				
m-Xylene	0.8500	0.150	1	0	85.0	70	130				
Methyl Butyl Ketone	0.9900	0.300	1	0	99.0	70	130				
Methyl Ethyl Ketone	1.210	0.300	1	0	121	70	130				
Methyl Isobutyl Ketone	0.9900	0.300	1	0	99.0	70	130				
Methyl tert-butyl ether	0.9500	0.150	1	0	95.0	70	130				
Methylene chloride	1.110	0.150	1	0	111	70	130				
o-Xylene	1.070	0.150	1	0	107	70	130				
p-Xylene	1.220	0.150	1	0	122	70	130				
Propylene	1.230	0.150	1	0	123	70	130				
Styrene	0.9700	0.150	1	0	97.0	70	130				
Tetrachloroethylene	1.140	0.150	1	0	114	70	130				
Tetrahydrofuran	0.9000	0.150	1	0	90.0	70	130				
Toluene	1.180	0.150	1	0.04	114	70	130				
trans-1,2-Dichloroethene	1.170	0.150	1	0	117	70	130				
trans-1,3-Dichloropropene	1.160	0.150	1	0	116	70	130				

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

ANALYTICAL QC SUMMARY REPORT

CLIENT: ESC Environmental

Work Order: C0509018

Project: 127491.05

TestCode: TO15_0.25TCE

Sample ID	BS1UT-092905	SampType:	LCS	TestCode:	TO15_0.25TC	Units:	ppbV	Prep Date:	RunNo: 386		
Client ID:	ZZZZZ	Batch ID:	R386	TestNo:	TO-15			Analysis Date:	9/29/2005		
SeqNo:	5842										
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Trichloroethene	1.270	0.0400	1	0	127	70	130				
Vinyl acetate	0.9600	0.150	1	0	96.0	70	130				
Vinyl Bromide	1.290	0.150	1	0	129	70	130				
Vinyl chloride	0.9000	0.150	1	0	90.0	70	130				

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

CLIENT: ESC Environmental
 Work Order: C0509018
 Project: 127491.05

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15_0.25TCE

Sample ID	MB1UT-092905	SampType: MBLK	TestCode: TO15_0.25TC	Units: ppbV	Prep Date:	RunNo: 386						
Client ID:	ZZZZZ	Batch ID: R386	TestNo: TO-15		Analysis Date: 9/29/2005	SeqNo: 5841						
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane		ND	0.150									
1,1,2,2-Tetrachloroethane		ND	0.150									
1,1,2-Trichloroethane		ND	0.150									
1,1-Dichloroethane		ND	0.150									
1,1-Dichloroethene		ND	0.150									
1,2,4-Trichlorobenzene		ND	0.150									
1,2,4-Trimethylbenzene		ND	0.150									
1,2-Dibromoethane		ND	0.150									
1,2-Dichlorobenzene		ND	0.150									
1,2-Dichloroethane		ND	0.150									
1,2-Dichloropropane		ND	0.150									
1,3,5-Trimethylbenzene		ND	0.150									
1,3-butadiene		ND	0.150									
1,3-Dichlorobenzene		ND	0.150									
1,4-Dichlorobenzene		ND	0.150									
1,4-Dioxane		ND	0.300									
2,2,4-trimethylpentane		ND	0.150									
4-ethyltoluene		ND	0.150									
Acetone		ND	0.300									
Allyl chloride		ND	0.150									
Benzene		ND	0.150									
Benzyl chloride		ND	0.150									
Bromodichloromethane		ND	0.150									
Bromoform		ND	0.150									
Bromomethane		ND	0.150									
Carbon disulfide		ND	0.150									
Carbon tetrachloride		ND	0.150									
Chlorobenzene		ND	0.150									
Chloroethane		ND	0.150									

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

CLIENT: ESC Environmental
 Work Order: C0509018
 Project: 127491.05

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15_0.25TCE

Sample ID	MB1UT-092905	SampType: MBLK	TestCode: TO15_0.25TC	Units: ppbV	Prep Date:	RunNo: 386					
Client ID:	ZZZZZ	Batch ID: R386	TestNo: TO-15		Analysis Date: 9/29/2005	SeqNo: 5841					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloroform	ND	0.150									
Chloromethane	ND	0.150									
cis-1,2-Dichloroethene	ND	0.150									
cis-1,3-Dichloropropene	ND	0.150									
Cyclohexane	ND	0.150									
Dibromochloromethane	ND	0.150									
Ethyl acetate	ND	0.250									
Ethylbenzene	ND	0.150									
Freon 11	ND	0.150									
Freon 113	ND	0.150									
Freon 114	ND	0.150									
Freon 12	ND	0.150									
Heptane	ND	0.150									
Hexachloro-1,3-butadiene	ND	0.150									
Hexane	ND	0.150									
Isopropyl alcohol	ND	0.150									
m-Xylene	ND	0.150									
Methyl Butyl Ketone	ND	0.300									
Methyl Ethyl Ketone	ND	0.300									
Methyl Isobutyl Ketone	ND	0.300									
Methyl tert-butyl ether	ND	0.150									
Methylene chloride	ND	0.150									
o-Xylene	ND	0.150									
p-Xylene	ND	0.150									
Propylene	ND	0.150									
Styrene	ND	0.150									
Tetrachloroethylene	ND	0.150									
Tetrahydrofuran	ND	0.150									
Toluene	0.04000	0.150									
trans-1,2-Dichloroethene	ND	0.150									
trans-1,3-Dichloropropene	ND	0.150									

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

ANALYTICAL QC SUMMARY REPORT

CLIENT: ESC Environmental
 Work Order: C0509018
 Project: 127491.05

TestCode: TO15_0.25TCE

Sample ID	MB1UT-092905	SampType: MBLK	TestCode: TO15_0.25TC	Units: ppbV	Prep Date:	RunNo: 386						
Client ID:	ZZZZZ	Batch ID: R386	TestNo: TO-15		Analysis Date: 9/29/2005	SeqNo: 5841						
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Trichloroethene	ND	0.0400
Vinyl acetate	ND	0.150
Vinyl Bromide	ND	0.150
Vinyl chloride	ND	0.150

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

CLIENT: ESC Environmental
 Work Order: C0509018
 Project: 127491.05

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15_0.25TCE

Sample ID	C0509018-010A MS	SampType: MS	TestCode: TO15_0.25TC	Units: ppbV	Prep Date:	RunNo: 386					
Client ID:	RD3IAB092205	Batch ID: R386	TestNo: TO-15		Analysis Date: 9/29/2005	SeqNo: 5862					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	1.430	0.150	1	0	143	70	130				S
1,1,2,2-Tetrachloroethane	0.9600	0.150	1	0	96.0	70	130				
1,1,2-Trichloroethane	1.240	0.150	1	0	124	70	130				
1,1-Dichloroethane	1.150	0.150	1	0	115	70	130				
1,1-Dichloroethene	1.060	0.150	1	0	106	70	130				
1,2,4-Trichlorobenzene	1.540	0.150	1	0	154	70	130				S
1,2,4-Trimethylbenzene	2.340	0.150	1	0	234	70	130				S
1,2-Dibromoethane	0.9700	0.150	1	0	97.0	70	130				
1,2-Dichlorobenzene	1.210	0.150	1	0	121	70	130				
1,2-Dichloroethane	1.060	0.150	1	0	106	70	130				
1,2-Dichloropropane	1.260	0.150	1	0	126	70	130				
1,3,5-Trimethylbenzene	1.780	0.150	1	0	178	70	130				S
1,3-butadiene	1.970	0.150	1	0	197	70	130				S
1,3-Dichlorobenzene	1.220	0.150	1	0	122	70	130				
1,4-Dichlorobenzene	1.240	0.150	1	0	124	70	130				
1,4-Dioxane	0.6600	0.300	1	0	66.0	70	130				S
2,2,4-trimethylpentane	1.410	0.150	1	0	141	70	130				S
4-ethyltoluene	1.930	0.150	1	0	193	70	130				S
Acetone	12.75	0.300	1	13.6	-85.0	70	130				S
Allyl chloride	0.9200	0.150	1	0	92.0	70	130				
Benzene	1.540	0.150	1	0	154	70	130				S
Benzyl chloride	1.390	0.150	1	0	139	70	130				S
Bromodichloromethane	1.410	0.150	1	0	141	70	130				S
Bromoform	1.310	0.150	1	0	131	70	130				
Bromomethane	1.220	0.150	1	0	122	70	130				
Carbon disulfide	1.050	0.150	1	0	105	70	130				
Carbon tetrachloride	1.410	0.150	1	0	141	70	130				S
Chlorobenzene	0.9600	0.150	1	0	96.0	70	130				
Chloroethane	1.330	0.150	1	0	133	70	130				S

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

CLIENT: ESC Environmental
 Work Order: C0509018
 Project: 127491.05

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15_0.25TCE

Sample ID	C0509018-010A MS	SampType: MS	TestCode: TO15_0.25TC	Units: ppbV	Prep Date:	RunNo: 386					
Client ID:	RD3IAB092205	Batch ID: R386	TestNo: TO-15		Analysis Date: 9/29/2005	SeqNo: 5862					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloroform	2.300	0.150	1	0	230	70	130				S
Chloromethane	1.830	0.150	1	0	183	70	130				S
cis-1,2-Dichloroethene	1.100	0.150	1	0	110	70	130				
cis-1,3-Dichloropropene	1.070	0.150	1	0	107	70	130				
Cyclohexane	2.550	0.150	1	0	255	70	130				S
Dibromochloromethane	1.250	0.150	1	0	125	70	130				
Ethyl acetate	1.020	0.250	1	0	102	70	130				
Ethylbenzene	1.280	0.150	1	0	128	70	130				
Freon 11	1.500	0.150	1	0	150	70	130				S
Freon 113	2.140	0.150	1	0	214	70	130				S
Freon 114	1.260	0.150	1	0	126	70	130				
Freon 12	1.980	0.150	1	0	198	70	130				S
Heptane	1.460	0.150	1	0	146	70	130				S
Hexachloro-1,3-butadiene	1.090	0.150	1	0	109	70	130				
Hexane	1.690	0.150	1	0	169	70	130				S
Isopropyl alcohol	1.230	0.150	1	0	123	70	130				
m-Xylene	1.720	0.150	1	0	172	70	130				S
Methyl Butyl Ketone	0.7700	0.300	1	0	77.0	70	130				
Methyl Ethyl Ketone	1.350	0.300	1	0	135	70	130				S
Methyl Isobutyl Ketone	0.9800	0.300	1	0	98.0	70	130				
Methyl tert-butyl ether	1.070	0.150	1	0	107	70	130				
Methylene chloride	1.410	0.150	1	0	141	70	130				S
o-Xylene	1.500	0.150	1	0	150	70	130				S
p-Xylene	1.410	0.150	1	0	141	70	130				S
Propylene	3.760	0.150	1	0	376	70	130				S
Styrene	1.270	0.150	1	0	127	70	130				
Tetrachloroethylene	1.410	0.150	1	0	141	70	130				S
Tetrahydrofuran	0.7700	0.150	1	0	77.0	70	130				
Toluene	3.130	0.150	1	0	313	70	130				S
trans-1,2-Dichloroethene	1.440	0.150	1	0	144	70	130				S
trans-1,3-Dichloropropene	1.040	0.150	1	0	104	70	130				

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

ANALYTICAL QC SUMMARY REPORT

CLIENT: ESC Environmental
 Work Order: C0509018
 Project: 127491.05

TestCode: TO15_0.25TCE

Sample ID	C0509018-010A MS	SampType: MS	TestCode: TO15_0.25TC	Units: ppbV	Prep Date:	RunNo: 386					
Client ID:	RD3IAB092205	Batch ID: R386	TestNo: TO-15		Analysis Date: 9/29/2005	SeqNo: 5862					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Trichloroethene	1.430	0.0400	1	0	143	70	130				S
Vinyl acetate	1.200	0.150	1	0	120	70	130				
Vinyl Bromide	1.220	0.150	1	0	122	70	130				
Vinyl chloride	1.270	0.150	1	0	127	70	130				

Sample ID	C0509018-010A MS	SampType: MSD	TestCode: TO15_0.25TC	Units: ppbV	Prep Date:	RunNo: 386					
Client ID:	RD3IAB092205	Batch ID: R386	TestNo: TO-15		Analysis Date: 9/29/2005	SeqNo: 5863					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1,1-Trichloroethane	1.420	0.150	1	0	142	70	130	1.43	0.702	0	S
1,1,2,2-Tetrachloroethane	0.9000	0.150	1	0	90.0	70	130	0.96	6.45	0	
1,1,2-Trichloroethane	1.200	0.150	1	0	120	70	130	1.24	3.28	0	
1,1-Dichloroethane	1.140	0.150	1	0	114	70	130	1.15	0.873	0	
1,1-Dichloroethene	1.100	0.150	1	0	110	70	130	1.06	3.70	0	
1,2,4-Trichlorobenzene	1.510	0.150	1	0	151	70	130	1.54	1.97	0	S
1,2,4-Trimethylbenzene	2.240	0.150	1	0	224	70	130	2.34	4.37	0	S
1,2-Dibromoethane	1.000	0.150	1	0	100	70	130	0.97	3.05	0	
1,2-Dichlorobenzene	1.200	0.150	1	0	120	70	130	1.21	0.830	0	
1,2-Dichloroethane	1.090	0.150	1	0	109	70	130	1.06	2.79	0	
1,2-Dichloropropane	1.290	0.150	1	0	129	70	130	1.26	2.35	0	
1,3,5-Trimethylbenzene	1.740	0.150	1	0	174	70	130	1.78	2.27	0	S
1,3-butadiene	0.5700	0.150	1	0	57.0	70	130	1.97	110	0	S
1,3-Dichlorobenzene	1.200	0.150	1	0	120	70	130	1.22	1.65	0	
1,4-Dichlorobenzene	1.200	0.150	1	0	120	70	130	1.24	3.28	0	
1,4-Dioxane	0.8200	0.300	1	0	82.0	70	130	0.66	21.6	0	
2,2,4-trimethylpentane	1.440	0.150	1	0	144	70	130	1.41	2.11	0	S
4-ethyltoluene	1.890	0.150	1	0	189	70	130	1.93	2.09	0	S
Acetone	12.35	0.300	1	13.6	-125	70	130	12.75	3.19	0	S
Allyl chloride	1.250	0.150	1	0	125	70	130	0.92	30.4	0	
Benzene	1.560	0.150	1	0	156	70	130	1.54	1.29	0	S

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

CLIENT: ESC Environmental
 Work Order: C0509018
 Project: 127491.05

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15_0.25TCE

Sample ID	C0509018-010A MS	SampType: MSD	TestCode: TO15_0.25TC	Units: ppbV	Prep Date:	RunNo: 386					
Client ID:	RD3IAB092205	Batch ID: R386	TestNo: TO-15		Analysis Date: 9/29/2005	SeqNo: 5863					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzyl chloride	1.280	0.150	1	0	128	70	130	1.39	8.24	0	
Bromodichloromethane	1.530	0.150	1	0	153	70	130	1.41	8.16	0	S
Bromoform	1.240	0.150	1	0	124	70	130	1.31	5.49	0	
Bromomethane	1.280	0.150	1	0	128	70	130	1.22	4.80	0	
Carbon disulfide	1.060	0.150	1	0	106	70	130	1.05	0.948	0	
Carbon tetrachloride	1.370	0.150	1	0	137	70	130	1.41	2.88	0	S
Chlorobenzene	0.9700	0.150	1	0	97.0	70	130	0.96	1.04	0	
Chloroethane	0.9900	0.150	1	0	99.0	70	130	1.33	29.3	0	
Chloroform	2.230	0.150	1	0	223	70	130	2.3	3.09	0	S
Chloromethane	1.860	0.150	1	0	186	70	130	1.83	1.63	0	S
cis-1,2-Dichloroethane	1.120	0.150	1	0	112	70	130	1.1	1.80	0	
cis-1,3-Dichloropropene	1.140	0.150	1	0	114	70	130	1.07	6.33	0	
Cyclohexane	2.580	0.150	1	0	258	70	130	2.55	1.17	0	S
Dibromochloromethane	1.190	0.150	1	0	119	70	130	1.25	4.92	0	
Ethyl acetate	0.9400	0.250	1	0	94.0	70	130	1.02	8.16	0	
Ethylbenzene	1.260	0.150	1	0	126	70	130	1.28	1.57	0	
Freon 11	1.500	0.150	1	0	150	70	130	1.5	0	0	S
Freon 113	2.070	0.150	1	0	207	70	130	2.14	3.33	0	S
Freon 114	1.280	0.150	1	0	128	70	130	1.26	1.57	0	
Freon 12	2.010	0.150	1	0	201	70	130	1.98	1.50	0	S
Heptane	1.530	0.150	1	0	153	70	130	1.46	4.68	0	S
Hexachloro-1,3-butadiene	1.360	0.150	1	0	136	70	130	1.09	22.0	0	S
Hexane	1.770	0.150	1	0	177	70	130	1.69	4.62	0	S
Isopropyl alcohol	1.180	0.150	1	0	118	70	130	1.23	4.15	0	
m-Xylene	1.700	0.150	1	0	170	70	130	1.72	1.17	0	S
Methyl Butyl Ketone	1.040	0.300	1	0	104	70	130	0.77	29.8	0	
Methyl Ethyl Ketone	1.600	0.300	1	0	160	70	130	1.35	16.9	0	S
Methyl Isobutyl Ketone	1.190	0.300	1	0	119	70	130	0.98	19.4	0	
Methyl tert-butyl ether	1.170	0.150	1	0	117	70	130	1.07	8.93	0	
Methylene chloride	1.370	0.150	1	0	137	70	130	1.41	2.88	0	S
o-Xylene	1.450	0.150	1	0	145	70	130	1.5	3.39	0	S

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

CLIENT: ESC Environmental
 Work Order: C0509018
 Project: 127491.05

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15_0.25TCE

Sample ID	C0509018-010A MS	SampType: MSD	TestCode: TO15_0.25TC	Units: ppbV	Prep Date:	RunNo: 386					
Client ID:	RD3IAB092205	Batch ID: R386	TestNo: TO-15		Analysis Date: 9/29/2005	SeqNo: 5863					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
p-Xylene	1.190	0.150	1	0	119	70	130	1.41	16.9	0	
Propylene	3.730	0.150	1	0	373	70	130	3.76	0.801	0	S
Styrene	1.290	0.150	1	0	129	70	130	1.27	1.56	0	
Tetrachloroethylene	1.410	0.150	1	0	141	70	130	1.41	0	0	S
Tetrahydrofuran	1.080	0.150	1	0	108	70	130	0.77	33.5	0	
Toluene	3.090	0.150	1	0	309	70	130	3.13	1.29	0	S
trans-1,2-Dichloroethene	1.460	0.150	1	0	146	70	130	1.44	1.38	0	S
trans-1,3-Dichloropropene	1.070	0.150	1	0	107	70	130	1.04	2.84	0	
Trichloroethene	1.420	0.0400	1	0	142	70	130	1.43	0.702	0	S
Vinyl acetate	1.150	0.150	1	0	115	70	130	1.2	4.26	0	
Vinyl Bromide	1.160	0.150	1	0	116	70	130	1.22	5.04	0	
Vinyl chloride	1.200	0.150	1	0	120	70	130	1.27	5.67	0	

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

Name	Amount	IDL #1	IDL #2	IDL #3	IDL #4	IDL #5	IDL #6	IDL #7	Avg	Stdev	%Rec	IDL
Propylene	0.300	0.310	0.284	0.294	0.342	0.312	0.291	0.308	0.306	0.019	102	0.060
Freon 12	0.300	0.318	0.287	0.301	0.314	0.289	0.296	0.306	0.302	0.012	100.5	0.037
Chloromethane	0.300	0.342	0.315	0.337	0.329	0.319	0.307	0.330	0.326	0.012	108.5	0.039
Freon 114	0.300	0.322	0.301	0.315	0.320	0.310	0.295	0.306	0.310	0.010	103.3	0.031
Vinyl Chloride	0.300	0.327	0.285	0.320	0.305	0.296	0.280	0.297	0.301	0.017	100.5	0.054
1,3-butadiene	0.300	0.296	0.262	0.293	0.292	0.295	0.274	0.289	0.286	0.013	95.3	0.040
Bromomethane	0.300	0.327	0.307	0.312	0.327	0.296	0.286	0.318	0.310	0.015	103.5	0.048
Chloroethane	0.300	0.336	0.309	0.298	0.306	0.321	0.302	0.301	0.310	0.014	103.5	0.043
Vinyl Bromide	0.300	0.294	0.284	0.300	0.298	0.302	0.289	0.283	0.293	0.008	97.6	0.024
Freon 11	0.300	0.312	0.286	0.316	0.314	0.298	0.294	0.295	0.302	0.012	100.7	0.037
Acetone	0.300	0.326	0.295	0.337	0.294	0.302	0.303	0.333	0.313	0.018	104.3	0.058
Isopropyl alcohol	0.300	0.322	0.282	0.276	0.271	0.313	0.282	0.292	0.291	0.019	97	0.061
1,1-dichloroethene	0.300	0.285	0.256	0.280	0.276	0.268	0.255	0.261	0.269	0.012	89.6	0.038
Freon 113	0.300	0.303	0.283	0.297	0.296	0.283	0.270	0.284	0.288	0.011	96	0.035
Methylene chloride	0.300	0.289	0.291	0.302	0.288	0.285	0.272	0.295	0.289	0.009	96.3	0.029
Allyl chloride	0.300	0.284	0.272	0.250	0.276	0.230	0.301	0.253	0.267	0.024	88.9	0.075
Carbon disulfide	0.300	0.314	0.295	0.303	0.307	0.283	0.283	0.290	0.296	0.012	98.8	0.038
trans-1,2-dichloroethene	0.300	0.263	0.260	0.267	0.279	0.259	0.248	0.259	0.262	0.009	87.4	0.030
methyl tert-butyl ether	0.300	0.269	0.243	0.257	0.260	0.249	0.248	0.238	0.252	0.011	84	0.033
1,1-dichloroethane	0.300	0.295	0.279	0.289	0.294	0.281	0.268	0.287	0.285	0.009	94.9	0.030
Vinyl acetate	0.300	0.255	0.231	0.251	0.241	0.235	0.225	0.243	0.240	0.011	80	0.034
Methyl Ethyl Ketone	0.300	0.245	0.299	0.238	0.254	0.298	0.296	0.311	0.277	0.030	92.4	0.095
cis-1,2-dichloroethene	0.300	0.277	0.246	0.283	0.252	0.237	0.252	0.249	0.257	0.017	85.5	0.053
Hexane	0.300	0.282	0.267	0.271	0.272	0.282	0.250	0.266	0.270	0.011	90	0.034
Ethyl acetate	0.300	0.317	0.339	0.353	0.254	0.324	0.306	0.320	0.316	0.031	105.4	0.099
Chloroform	0.300	0.303	0.279	0.300	0.309	0.282	0.291	0.290	0.293	0.011	97.8	0.035
Tetrahydrofuran	0.300	0.304	0.275	0.329	0.315	0.287	0.265	0.285	0.294	0.023	98.1	0.071
1,2-dichloroethane	0.300	0.293	0.268	0.286	0.301	0.268	0.262	0.286	0.281	0.015	93.5	0.046
1,1,1-trichloroethane	0.300	0.300	0.303	0.302	0.326	0.298	0.291	0.304	0.303	0.011	101.1	0.034
Cyclohexane	0.300	0.284	0.282	0.270	0.285	0.262	0.253	0.256	0.270	0.014	90.1	0.043
Carbon tetrachloride	0.300	0.348	0.336	0.362	0.366	0.343	0.341	0.345	0.349	0.011	116.2	0.035
Benzene	0.300	0.300	0.329	0.305	0.299	0.295	0.300	0.300	0.304	0.011	101.3	0.036
1,4-dioxane	0.300	0.305	0.320	0.265	0.304	0.301	0.211	0.291	0.285	0.037	95.1	0.116
2,2,4-trimethylpentane	0.300	0.284	0.293	0.295	0.306	0.289	0.272	0.281	0.289	0.011	96.2	0.034
Heptane	0.300	0.265	0.270	0.275	0.252	0.246	0.261	0.254	0.260	0.010	86.8	0.033

Centek Laboratories
Number of Compounds 63

MDL Study for 1ug/M3
February 24, 2005

Instrument MSD #1
Units = ppb

Name	Amount	IDL #1	IDL #2	IDL #3	IDL #4	IDL #5	IDL #6	IDL #7	Avg	Stdev	%Rec	IDL
Trichloroethene	0.300	0.294	0.291	0.294	0.319	0.312	0.293	0.301	0.301	0.011	100.2	0.034
1,2-dichloropropane	0.300	0.316	0.337	0.324	0.342	0.313	0.320	0.338	0.327	0.012	109	0.037
Bromodichloromethane	0.300	0.329	0.323	0.330	0.338	0.322	0.316	0.340	0.328	0.009	109.4	0.027
cis-1,3-dichloropropene	0.300	0.291	0.282	0.282	0.275	0.277	0.273	0.267	0.278	0.008	92.7	0.024
trans-1,3-dichloropropene	0.300	0.278	0.279	0.269	0.329	0.269	0.315	0.322	0.294	0.026	98.1	0.083
1,1,2-trichloroethane	0.300	0.286	0.286	0.293	0.316	0.287	0.302	0.308	0.297	0.012	99	0.038
Toluene	0.300	0.258	0.271	0.260	0.273	0.242	0.255	0.245	0.258	0.012	85.9	0.037
Methyl Isobutyl Ketone	0.300	0.384	0.354	0.374	0.348	0.345	0.317	0.328	0.350	0.024	116.7	0.074
Dibromochloromethane	0.300	0.306	0.330	0.318	0.324	0.320	0.317	0.318	0.319	0.007	106.3	0.023
Methyl Butyl Ketone	0.300	0.299	0.344	0.284	0.276	0.254	0.260	0.265	0.283	0.031	94.4	0.097
1,2-dibromoethane	0.300	0.296	0.303	0.300	0.283	0.293	0.300	0.289	0.295	0.007	98.3	0.022
Tetrachloroethylene	0.300	0.299	0.294	0.292	0.299	0.292	0.293	0.292	0.294	0.003	98.1	0.010
Chlorobenzene	0.300	0.283	0.287	0.304	0.292	0.284	0.284	0.288	0.289	0.007	96.3	0.023
Ethylbenzene	0.300	0.257	0.254	0.242	0.244	0.250	0.242	0.230	0.246	0.009	81.9	0.028
m-xylene	0.300	0.277	0.234	0.265	0.236	0.209	0.232	0.247	0.243	0.023	81	0.071
p-xylene	0.300	0.277	0.313	0.255	0.261	0.294	0.300	0.294	0.285	0.021	95	0.067
Styrene	0.300	0.229	0.239	0.231	0.234	0.227	0.239	0.229	0.233	0.005	77.5	0.015
Bromoform	0.300	0.316	0.322	0.314	0.328	0.323	0.343	0.337	0.326	0.011	108.7	0.034
o-xylene	0.300	0.243	0.261	0.254	0.253	0.241	0.248	0.251	0.250	0.007	83.4	0.022
1,1,2,2-tetrachloroethane	0.300	0.318	0.330	0.325	0.326	0.323	0.331	0.306	0.323	0.009	107.6	0.027
4-ethyltoluene	0.300	0.232	0.235	0.232	0.226	0.220	0.235	0.224	0.229	0.006	76.4	0.018
1,3,5-trimethylbenzene	0.300	0.232	0.237	0.232	0.233	0.232	0.231	0.217	0.231	0.006	76.9	0.020
1,2,4-trimethylbenzene	0.300	0.222	0.233	0.226	0.230	0.219	0.232	0.205	0.224	0.010	74.6	0.031
1,3-dichlorobenzene	0.300	0.269	0.293	0.280	0.291	0.285	0.275	0.271	0.281	0.009	93.5	0.030
benzyl chloride	0.300	0.260	0.280	0.239	0.260	0.256	0.259	0.240	0.256	0.014	85.4	0.044
1,4-dichlorobenzene	0.300	0.255	0.282	0.275	0.276	0.275	0.281	0.264	0.273	0.010	90.9	0.031
1,2-dichlorobenzene	0.300	0.288	0.296	0.296	0.303	0.290	0.298	0.264	0.291	0.013	96.9	0.040
1,2,4-trichlorobenzene	0.300	0.255	0.209	0.240	0.226	0.221	0.239	0.220	0.230	0.016	76.7	0.049
Hexachloro-1,3-butadiene	0.300	0.328	0.311	0.324	0.305	0.303	0.319	0.265	0.308	0.021	102.6	0.066

Instrument MSD #1
Units = ppb

**MDL Study for 0.25ug/M3
Trichloroethene**
February 24, 2005

Centek Laboratories
Number of Compounds 15

Name	Amount	IDL #1	IDL #2	IDL #3	IDL #4	IDL #5	IDL #6	IDL #7	Avg	Stdev	%Rec	IDL
Freon 12	0.100	0.100	0.111	0.117	0.110	0.103	0.116	0.112	0.110	0.006	109.9	0.020
Freon 114	0.100	0.094	0.112	0.117	0.108	0.105	0.119	0.113	0.110	0.008	109.7	0.027
Vinyl Chloride	0.100	0.105	0.118	0.114	0.109	0.107	0.122	0.117	0.113	0.006	113.1	0.020
Freon 11	0.100	0.107	0.121	0.120	0.112	0.115	0.116	0.121	0.116	0.005	116.0	0.016
1,1-dichloroethene	0.100	0.106	0.111	0.106	0.109	0.111	0.107	0.108	0.108	0.002	108.3	0.007
Freon 113	0.100	0.108	0.114	0.124	0.109	0.113	0.116	0.115	0.114	0.005	114.1	0.017
Methylene chloride	0.100	0.113	0.116	0.127	0.123	0.111	0.126	0.130	0.121	0.007	120.9	0.023
trans-1,2-dichloroethene	0.100	0.094	0.111	0.102	0.106	0.105	0.110	0.105	0.105	0.006	104.7	0.018
1,1-dichloroethane	0.100	0.107	0.116	0.117	0.109	0.116	0.118	0.111	0.113	0.004	113.4	0.014
cis-1,2-dichloroethene	0.100	0.098	0.108	0.105	0.098	0.102	0.104	0.106	0.103	0.004	103.0	0.012
1,2-dichloroethane	0.100	0.117	0.110	0.109	0.114	0.115	0.117	0.122	0.115	0.004	114.9	0.014
1,1,1-trichloroethane	0.100	0.108	0.115	0.120	0.114	0.117	0.123	0.115	0.116	0.005	116.0	0.015
Trichloroethene	0.100	0.109	0.118	0.122	0.114	0.124	0.119	0.120	0.118	0.005	118.0	0.016
1,1,2-trichloroethane	0.100	0.108	0.118	0.106	0.110	0.123	0.118	0.112	0.114	0.006	113.6	0.020
Tetrachloroethylene	0.100	0.104	0.111	0.116	0.117	0.117	0.116	0.107	0.113	0.005	112.6	0.017

GC/MS-Whole Air Calculations

Relative Response Factor (RRF)

$$RRF = \frac{A_x * C_{is}}{A_{is} * C_x}$$

where: A_x = area of the characteristic ion for the compound being measured
 A_{is} = area of the characteristic ion for the specific internal standard of the compound being measured
 C_x = concentration of the compound being measured (ppbv)
 C_{is} = concentration of the internal standard (ppbv)

Percent Relative Standard Deviation (%RSD)

$$\% RSD = \frac{\text{Standard deviation of RRF values} * 100}{\text{mean RRF}}$$

Percent Difference (%D)

$$\% D = \frac{(RRF_c - \text{mean } RRF_i) * 100}{\text{mean } RRF_i}$$

where: RRF_c = relative response factor from the continuing calibration
mean RRF_i = mean relative response factor from the initial calibration

Sample Calculations

$$ppbv = \frac{A_x * I_s * D_f}{A_{is} * RRF}$$

where: A_x = area of the characteristic ion for the compound being measured
 A_{is} = area of the characteristic ion for the specific internal standard of the compound being measured
 I_s = Concentration of the internal standard injected (ppbv)
 RRF = relative response factor for the compound being measured
 D_f = Dilution factor

GC/MS VOLATILES-WHOLE AIR

METHOD TO-15

SAMPLE DATA

Centek Laboratories, LLC

Date: 09-Oct-05

CLIENT: ESC Environmental
 Lab Order: C0509018
 Project: 127491.05
 Lab ID: C0509018-001A

Client Sample ID: RD1AA092205
 Tag Number: 199, 116
 Collection Date: 9/22/2005
 Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15 1UG/M3 W/ 0.25UG/M3 TCE		TO-15		Analyst: RJP		
1,1,1-Trichloroethane	ND	0.150		ppbV	1	9/29/2005
1,1,2,2-Tetrachloroethane	ND	0.150		ppbV	1	9/29/2005
1,1,2-Trichloroethane	ND	0.150		ppbV	1	9/29/2005
1,1-Dichloroethane	ND	0.150		ppbV	1	9/29/2005
1,1-Dichloroethene	ND	0.150		ppbV	1	9/29/2005
1,2,4-Trichlorobenzene	ND	0.150		ppbV	1	9/29/2005
1,2,4-Trimethylbenzene	0.780	0.150		ppbV	1	9/29/2005
1,2-Dibromoethane	ND	0.150		ppbV	1	9/29/2005
1,2-Dichlorobenzene	ND	0.150		ppbV	1	9/29/2005
1,2-Dichloroethane	ND	0.150		ppbV	1	9/29/2005
1,2-Dichloropropane	ND	0.150		ppbV	1	9/29/2005
1,3,5-Trimethylbenzene	0.700	0.150		ppbV	1	9/29/2005
1,3-butadiene	ND	0.150		ppbV	1	9/29/2005
1,3-Dichlorobenzene	ND	0.150		ppbV	1	9/29/2005
1,4-Dichlorobenzene	ND	0.150		ppbV	1	9/29/2005
1,4-Dioxane	ND	0.300		ppbV	1	9/29/2005
2,2,4-trimethylpentane	0.080	0.150	J	ppbV	1	9/29/2005
4-ethyltoluene	0.150	0.150	J	ppbV	1	9/29/2005
Acetone	ND	0.300		ppbV	1	9/29/2005
Allyl chloride	ND	0.150		ppbV	1	9/29/2005
Benzene	0.350	0.150		ppbV	1	9/29/2005
Benzyl chloride	ND	0.150		ppbV	1	9/29/2005
Bromodichloromethane	ND	0.150		ppbV	1	9/29/2005
Bromoform	ND	0.150		ppbV	1	9/29/2005
Bromomethane	ND	0.150		ppbV	1	9/29/2005
Carbon disulfide	ND	0.150		ppbV	1	9/29/2005
Carbon tetrachloride	0.14	0.150	J	ppbV	1	9/29/2005
Chlorobenzene	ND	0.150		ppbV	1	9/29/2005
Chloroethane	ND	0.150		ppbV	1	9/29/2005
Chloroform	ND	0.150		ppbV	1	9/29/2005
Chloromethane	ND	0.150		ppbV	1	9/29/2005
cis-1,2-Dichloroethene	ND	0.150		ppbV	1	9/29/2005
cis-1,3-Dichloropropene	ND	0.150		ppbV	1	9/29/2005
Cyclohexane	ND	0.150		ppbV	1	9/29/2005
Dibromochloromethane	ND	0.150		ppbV	1	9/29/2005
Ethyl acetate	ND	0.250		ppbV	1	9/29/2005
Ethylbenzene	0.170	0.150		ppbV	1	9/29/2005
Freon 11	0.360	0.150		ppbV	1	9/29/2005
Freon 113	0.12	0.150	J	ppbV	1	9/29/2005
Freon 114	ND	0.150		ppbV	1	9/29/2005

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 at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 09-Oct-05

CLIENT: ESC Environmental
Lab Order: C0509018
Project: 127491.05
Lab ID: C0509018-001A

Client Sample ID: RD1AA092205
Tag Number: 199,116
Collection Date: 9/22/2005
Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15 1UG/M3 W/ 0.25UG/M3 TCE		TO-15		Analyst: RJP		
Freon 12	0.810	0.150		ppbV	1	9/29/2005
Heptane	ND	0.150		ppbV	1	9/29/2005
Hexachloro-1,3-butadiene	ND	0.150		ppbV	1	9/29/2005
Hexane	ND	0.150		ppbV	1	9/29/2005
Isopropyl alcohol	ND	0.150		ppbV	1	9/29/2005
m-Xylene	0.380	0.150		ppbV	1	9/29/2005
Methyl Butyl Ketone	ND	0.300		ppbV	1	9/29/2005
Methyl Ethyl Ketone	ND	0.300		ppbV	1	9/29/2005
Methyl Isobutyl Ketone	ND	0.300		ppbV	1	9/29/2005
Methyl tert-butyl ether	ND	0.150		ppbV	1	9/29/2005
Methylene chloride	ND	0.150		ppbV	1	9/29/2005
o-Xylene	0.310	0.150		ppbV	1	9/29/2005
p-Xylene	0.250	0.150		ppbV	1	9/29/2005
Propylene	ND	0.150		ppbV	1	9/29/2005
Styrene	ND	0.150		ppbV	1	9/29/2005
Tetrachloroethylene	ND	0.150		ppbV	1	9/29/2005
Tetrahydrofuran	ND	0.150		ppbV	1	9/29/2005
Toluene	1.56	0.150		ppbV	1	9/29/2005
trans-1,2-Dichloroethene	ND	0.150		ppbV	1	9/29/2005
trans-1,3-Dichloropropene	ND	0.150		ppbV	1	9/29/2005
Trichloroethene	0.100	0.0400		ppbV	1	9/29/2005
Vinyl acetate	ND	0.150		ppbV	1	9/29/2005
Vinyl Bromide	ND	0.150		ppbV	1	9/29/2005
Vinyl chloride	ND	0.150		ppbV	1	9/29/2005
Surr: Bromofluorobenzene	106	70-130		%REC	1	9/29/2005

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 at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 09-Oct-05

CLIENT: ESC Environmental
Lab Order: C0509018
Project: 127491.05
Lab ID: C0509018-001A

Client Sample ID: RD1AA092205
Tag Number: 199, 116
Collection Date: 9/22/2005
Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15 1UG/M3 W/ 0.25UG/M3 TCE		TO-15		Analyst: RJP		
1,1,1-Trichloroethane	ND	0.832		ug/m3	1	9/29/2005
1,1,2,2-Tetrachloroethane	ND	1.05		ug/m3	1	9/29/2005
1,1,2-Trichloroethane	ND	0.832		ug/m3	1	9/29/2005
1,1-Dichloroethane	ND	0.617		ug/m3	1	9/29/2005
1,1-Dichloroethene	ND	0.605		ug/m3	1	9/29/2005
1,2,4-Trichlorobenzene	ND	1.13		ug/m3	1	9/29/2005
1,2,4-Trimethylbenzene	3.90	0.749		ug/m3	1	9/29/2005
1,2-Dibromoethane	ND	1.17		ug/m3	1	9/29/2005
1,2-Dichlorobenzene	ND	0.917		ug/m3	1	9/29/2005
1,2-Dichloroethane	ND	0.617		ug/m3	1	9/29/2005
1,2-Dichloropropane	ND	0.705		ug/m3	1	9/29/2005
1,3,5-Trimethylbenzene	3.50	0.750		ug/m3	1	9/29/2005
1,3-butadiene	ND	0.337		ug/m3	1	9/29/2005
1,3-Dichlorobenzene	ND	0.917		ug/m3	1	9/29/2005
1,4-Dichlorobenzene	ND	0.917		ug/m3	1	9/29/2005
1,4-Dioxane	ND	1.10		ug/m3	1	9/29/2005
2,2,4-trimethylpentane	0.380	0.712	J	ug/m3	1	9/29/2005
4-ethyltoluene	0.750	0.750	J	ug/m3	1	9/29/2005
Acetone	ND	0.724		ug/m3	1	9/29/2005
Allyl chloride	ND	0.477		ug/m3	1	9/29/2005
Benzene	1.14	0.487		ug/m3	1	9/29/2005
Benzyl chloride	ND	0.877		ug/m3	1	9/29/2005
Bromodichloromethane	ND	1.02		ug/m3	1	9/29/2005
Bromoform	ND	1.58		ug/m3	1	9/29/2005
Bromomethane	ND	0.592		ug/m3	1	9/29/2005
Carbon disulfide	ND	0.475		ug/m3	1	9/29/2005
Carbon tetrachloride	0.895	0.959	J	ug/m3	1	9/29/2005
Chlorobenzene	ND	0.702		ug/m3	1	9/29/2005
Chloroethane	ND	0.402		ug/m3	1	9/29/2005
Chloroform	ND	0.744		ug/m3	1	9/29/2005
Chloromethane	ND	0.315		ug/m3	1	9/29/2005
cis-1,2-Dichloroethene	ND	0.604		ug/m3	1	9/29/2005
cis-1,3-Dichloropropene	ND	0.692		ug/m3	1	9/29/2005
Cyclohexane	ND	0.525		ug/m3	1	9/29/2005
Dibromochloromethane	ND	1.30		ug/m3	1	9/29/2005
Ethyl acetate	ND	0.916		ug/m3	1	9/29/2005
Ethylbenzene	0.750	0.662		ug/m3	1	9/29/2005
Freon 11	2.06	0.857		ug/m3	1	9/29/2005
Freon 113	0.935	1.17	J	ug/m3	1	9/29/2005
Freon 114	ND	1.07		ug/m3	1	9/29/2005

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 at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 09-Oct-05

CLIENT: ESC Environmental
Lab Order: C0509018
Project: 127491.05
Lab ID: C0509018-001A

Client Sample ID: RD1AA092205
Tag Number: 199, 116
Collection Date: 9/22/2005
Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15 1UG/M3 W/ 0.25UG/M3 TCE		TO-15		Analyst: RJP		
Freon 12	4.07	0.754		ug/m3	1	9/29/2005
Heptane	ND	0.625		ug/m3	1	9/29/2005
Hexachloro-1,3-butadiene	ND	1.63		ug/m3	1	9/29/2005
Hexane	ND	0.537		ug/m3	1	9/29/2005
Isopropyl alcohol	ND	0.375		ug/m3	1	9/29/2005
m-Xylene	1.68	0.662		ug/m3	1	9/29/2005
Methyl Butyl Ketone	ND	1.25		ug/m3	1	9/29/2005
Methyl Ethyl Ketone	ND	0.899		ug/m3	1	9/29/2005
Methyl Isobutyl Ketone	ND	1.25		ug/m3	1	9/29/2005
Methyl tert-butyl ether	ND	0.550		ug/m3	1	9/29/2005
Methylene chloride	ND	0.530		ug/m3	1	9/29/2005
o-Xylene	1.37	0.662		ug/m3	1	9/29/2005
p-Xylene	1.10	0.662		ug/m3	1	9/29/2005
Propylene	ND	0.262		ug/m3	1	9/29/2005
Styrene	ND	0.649		ug/m3	1	9/29/2005
Tetrachloroethylene	ND	1.03		ug/m3	1	9/29/2005
Tetrahydrofuran	ND	0.450		ug/m3	1	9/29/2005
Toluene	5.98	0.575		ug/m3	1	9/29/2005
trans-1,2-Dichloroethene	ND	0.604		ug/m3	1	9/29/2005
trans-1,3-Dichloropropene	ND	0.692		ug/m3	1	9/29/2005
Trichloroethene	0.546	0.218		ug/m3	1	9/29/2005
Vinyl acetate	ND	0.537		ug/m3	1	9/29/2005
Vinyl Bromide	ND	0.667		ug/m3	1	9/29/2005
Vinyl chloride	ND	0.390		ug/m3	1	9/29/2005

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 at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Data File : C:\MSDCHEM\1\DATA\AC092913.D

Vial: 1

Acq On : 29 Sep 2005 7:10 pm

Operator: RJP

Sample : C0509018-001A

Inst : MSD #1

Misc : C0509018-001A

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Sep 29 19:33:29 2005

Quant Results File: A905_1UT.RES

Quant Method : C:\MSDCHEM\1\METHODS\A905_1UT.M (RTE Integrator)

Title : TO-15 VOA Standards for 5 point calibration

Last Update : Tue Sep 06 13:55:05 2005

Response via : Initial Calibration

DataAcq Meth : A905_1UT

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) Bromochloromethane	9.28	128	32362	1.00	ppb	0.00
30) 1,4-difluorobenzene	11.58	114	95683	1.00	ppb	0.00
44) Chlorobenzene-d5	16.03	117	99327m <i>p</i>	1.00	ppb	0.00

System Monitoring Compounds

58) Bromofluorobenzene	17.53	95	53787	1.06	ppb	0.00
Spiked Amount	1.000	Range	70 - 130	Recovery	=	106.00%

Target Compounds

						Qvalue
3) Freon 12	3.92	85	85361	0.81	ppb	100
11) Freon 11	5.45	101	50504	0.36	ppb	98
15) Freon 113	6.37	101	11305m <i>p</i>	0.12	ppb	
33) Carbon tetrachloride	10.90	117	11442	0.14	ppb	# 45
34) Benzene	10.87	78	30238	0.35	ppb	70
36) 2,2,4-trimethylpentane	11.75	57	8583	0.08	ppb	77
38) Trichloroethene	12.20	130	5035m	0.10	ppb	
45) Toluene	14.21	92	106014	1.56	ppb	90
52) Ethylbenzene	16.32	91	20535	0.17	ppb	92
53) m-xylene	16.47	91	38369m	0.38	ppb	
54) p-xylene	16.49	91	27928m	0.25	ppb	
57) o-xylene	16.93	91	37906	0.31	ppb	87
60) 4-ethyltoluene	18.07	105	12682	0.15	ppb	92
61) 1,3,5-trimethylbenzene	18.11	105	80462m	0.70	ppb	
62) 1,2,4-trimethylbenzene	18.51	105	75974	0.78	ppb	89
67) 1,2,4-trichlorobenzene	20.70	180	1815	0.03	ppb	# 52

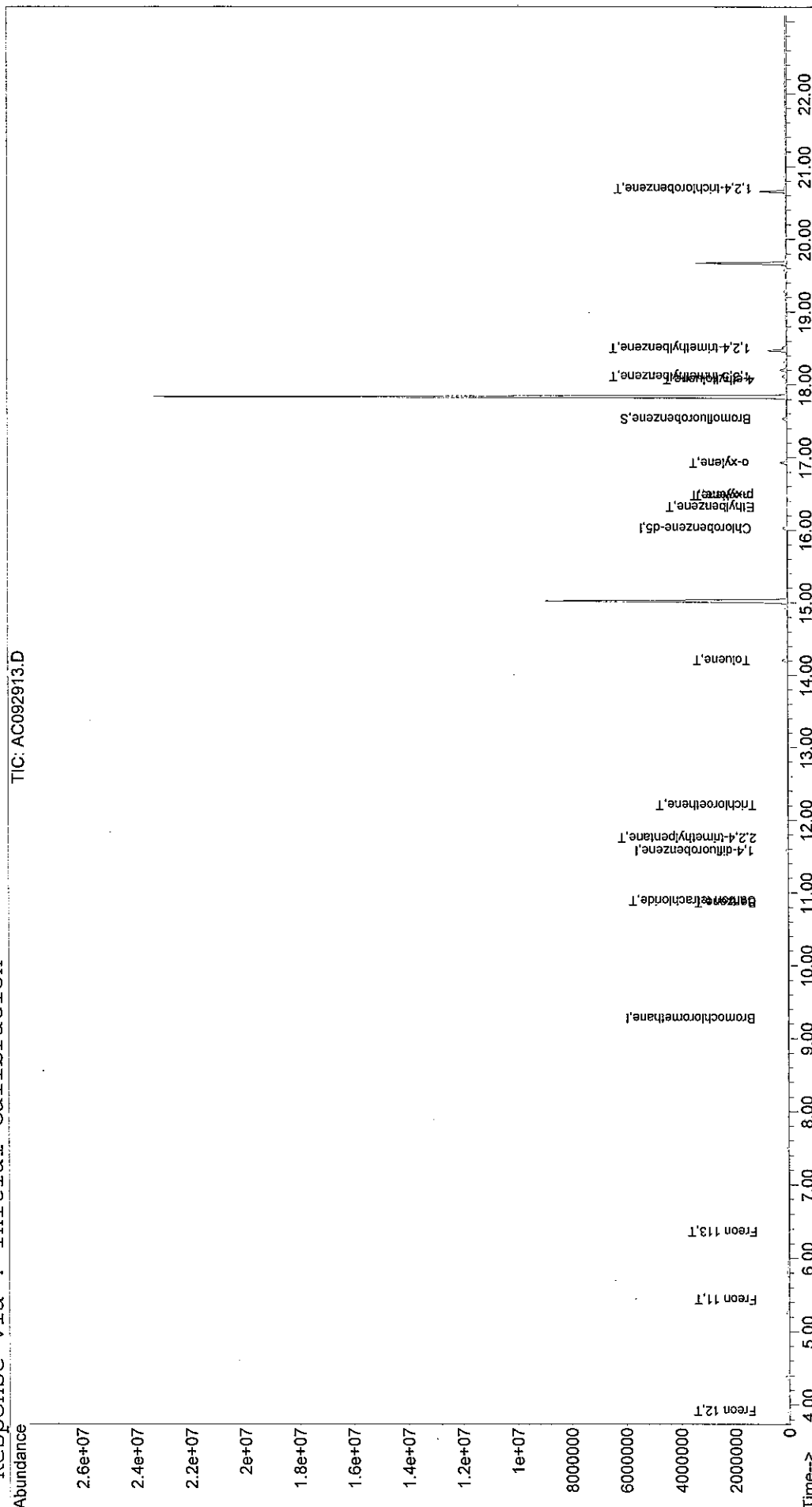
Quantitation Report (QT Reviewed)

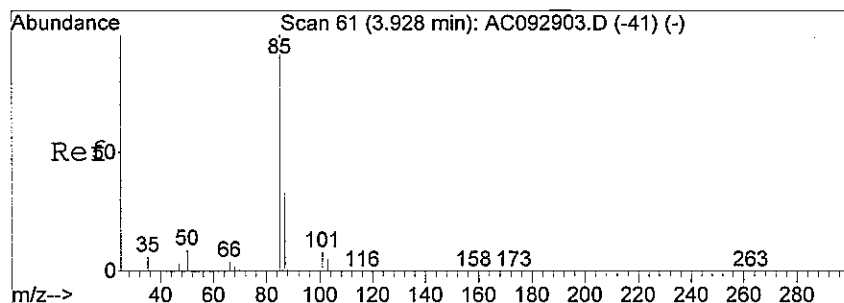
Data File : C:\MSDCHEM\1\DATA\AC092913.D
 Acq On : 29 Sep 2005 7:10 pm
 Sample : C0509018-001A
 Misc : C0509018-001A
 MS Integration Params: RTEINT.P
 Quant Time: Sep 30 8:31 2005

Vial: 1
 Operator: RJP
 Inst : MSD #1
 Multiplr: 1.00

Quant Results File: A905_1UT.RES

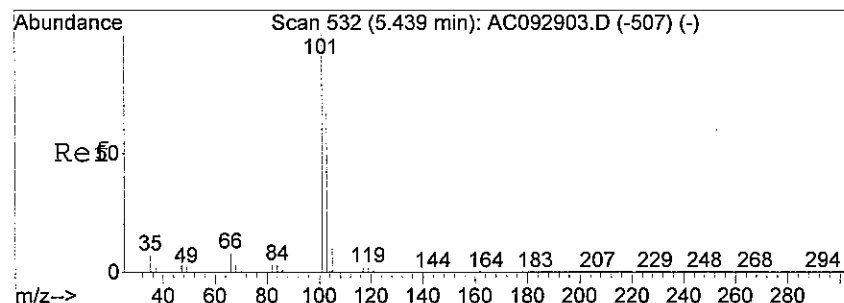
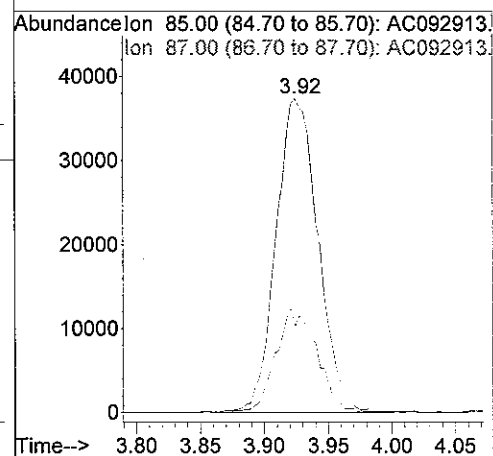
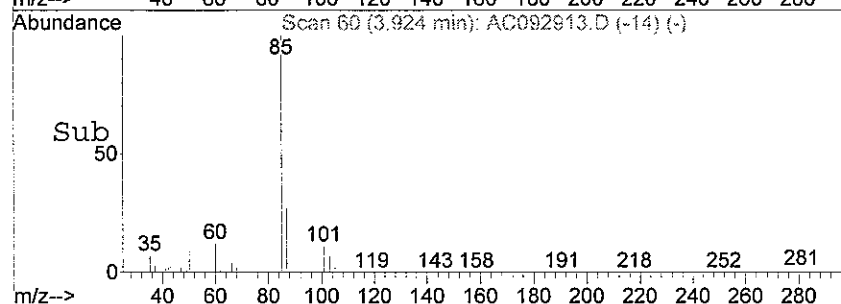
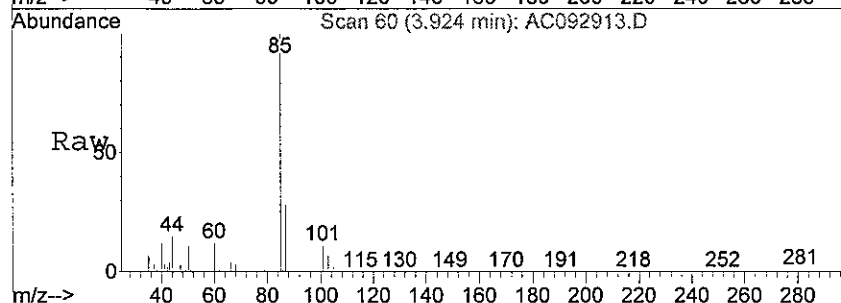
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 Title : TO-15 VOA Standards for 5 point calibration
 Last Update : Sun Oct 09 14:17:27 2005
 Response via : Initial Calibration





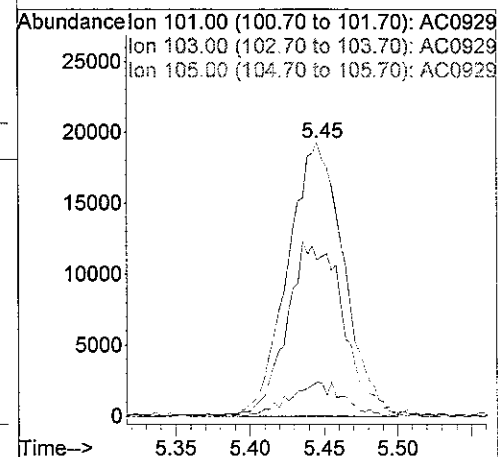
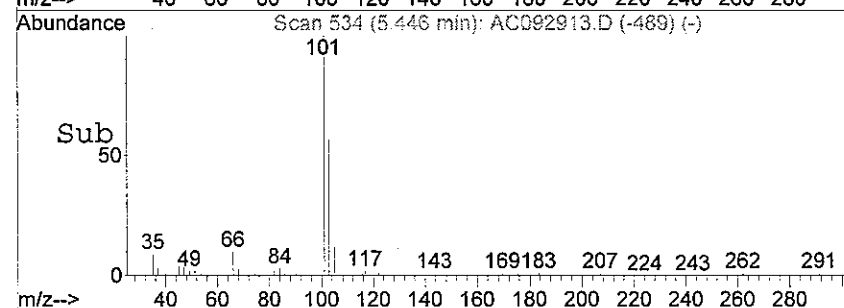
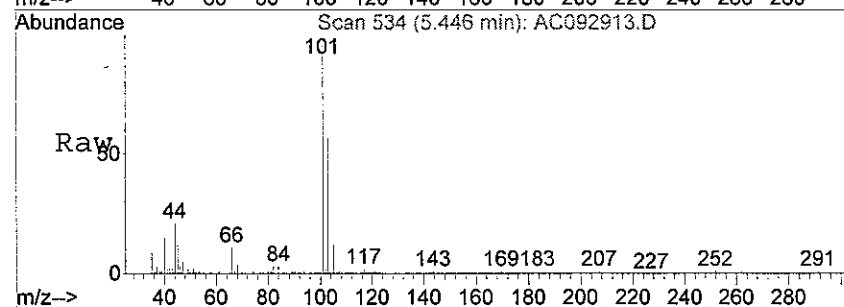
#3
 Freon 12
 Concen: 0.81 ppb
 RT: 3.92 min Scan# 60
 Delta R.T. -0.00 min
 Lab File: AC092913.D
 Acq: 29 Sep 2005 7:10 pm

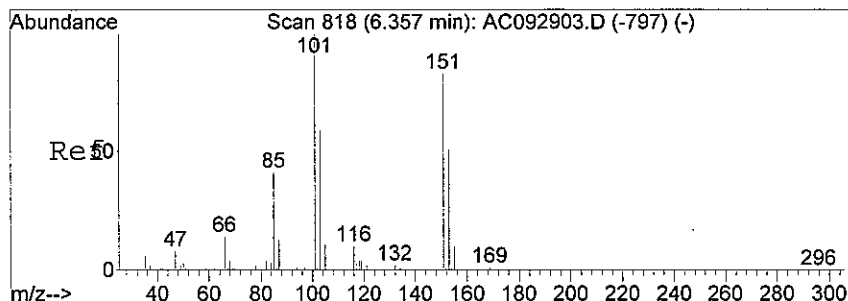
Tgt Ion: 85 Resp: 85361
 Ion Ratio Lower Upper
 85 100
 87 32.2 12.1 52.1



#11
 Freon 11
 Concen: 0.36 ppb
 RT: 5.45 min Scan# 534
 Delta R.T. -0.01 min
 Lab File: AC092913.D
 Acq: 29 Sep 2005 7:10 pm

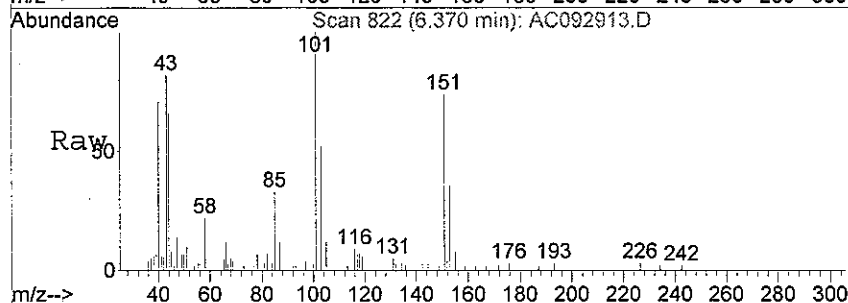
Tgt Ion: 101 Resp: 50504
 Ion Ratio Lower Upper
 101 100
 103 64.8 43.4 83.4
 105 11.8 0.0 30.9



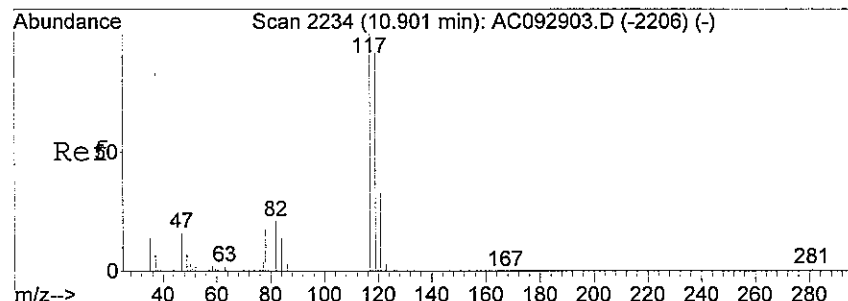
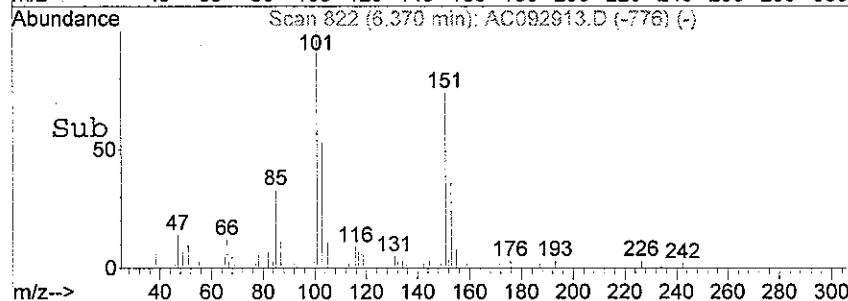
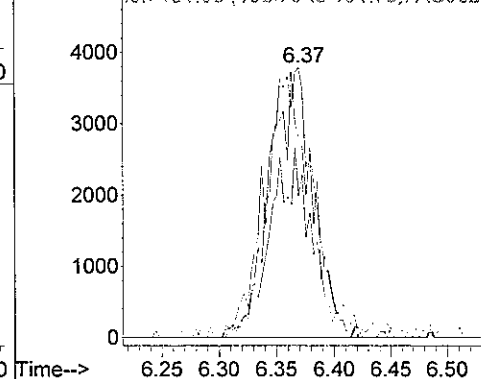


#15
Freon 113
Concen: 0.12 ppb m
RT: 6.37 min Scan# 822
Delta R.T. -0.00 min
Lab File: AC092913.D
Acq: 29 Sep 2005 7:10 pm

Tgt Ion	Ratio	Lower	Upper
101	100		
103	31.9	13.9	53.9
151	40.5	66.6	106.6#

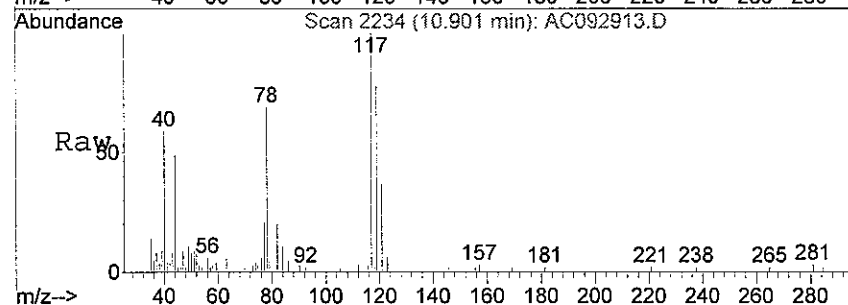


Abundance Ion 101.00 (100.70 to 101.70): AC0929
Ion 103.00 (102.70 to 103.70): AC0929
Ion 151.00 (150.70 to 151.70): AC0929

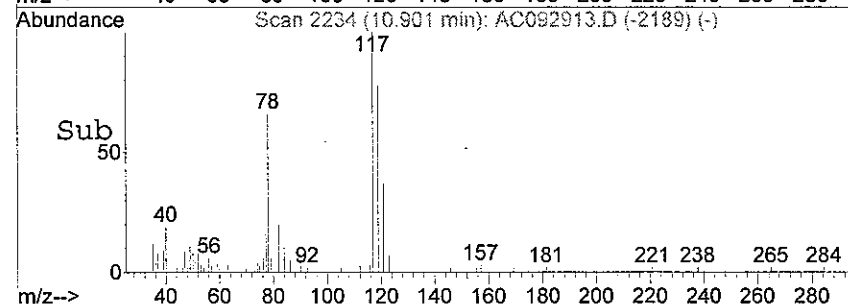
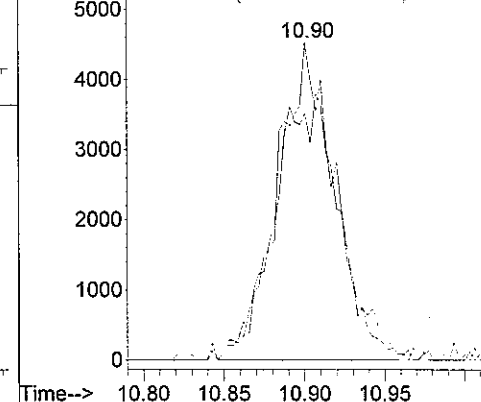


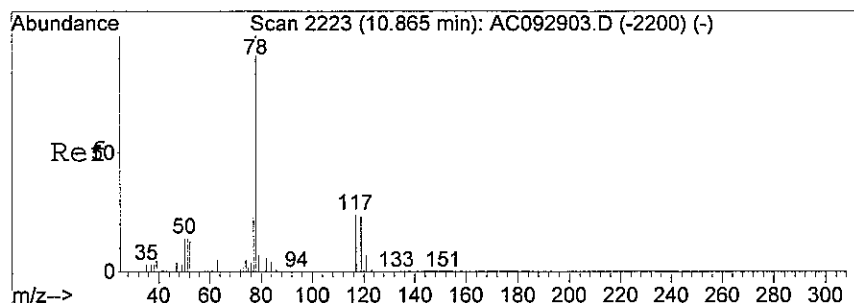
#33
Carbon tetrachloride
Concen: 0.14 ppb
RT: 10.90 min Scan# 2234
Delta R.T. -0.01 min
Lab File: AC092913.D
Acq: 29 Sep 2005 7:10 pm

Tgt Ion	Ratio	Lower	Upper
117	100		
119	42.1	75.9	115.9#



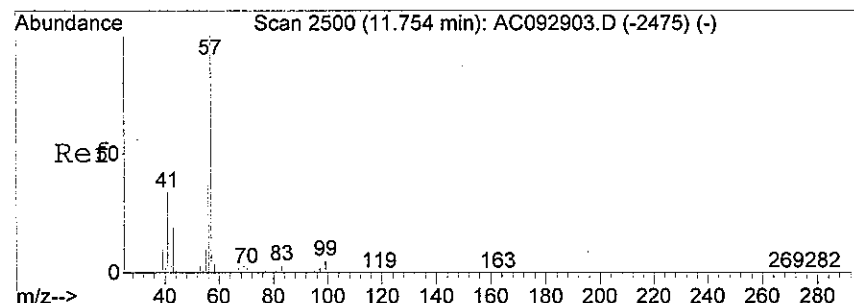
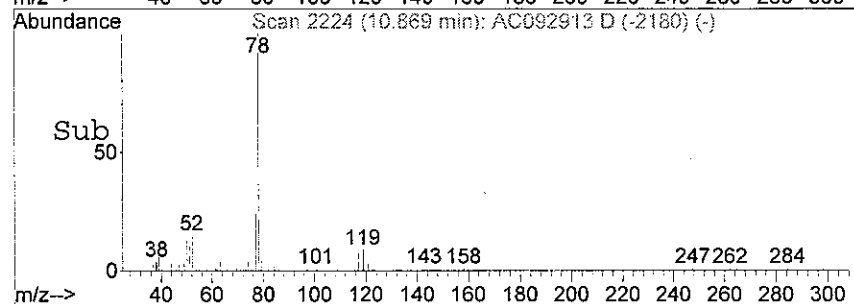
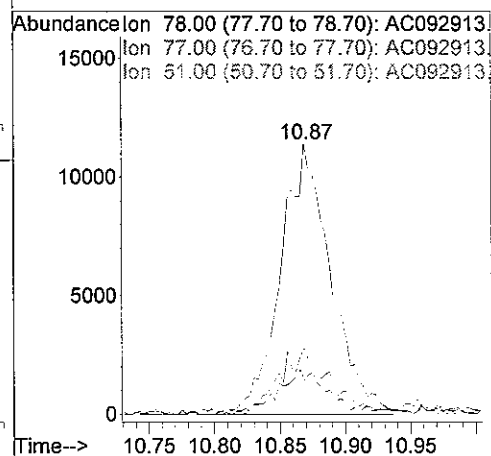
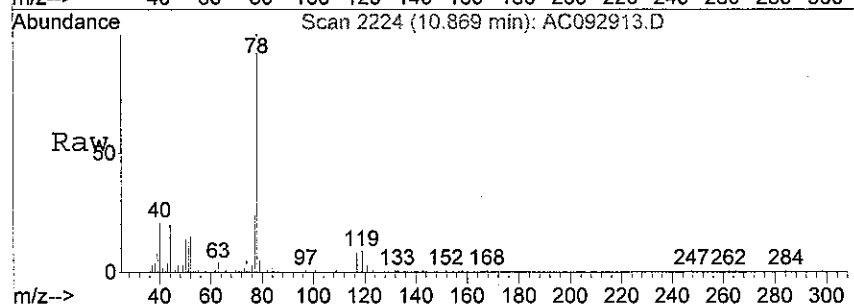
Abundance Ion 117.00 (116.70 to 117.70): AC0929
Ion 119.00 (118.70 to 119.70): AC0929





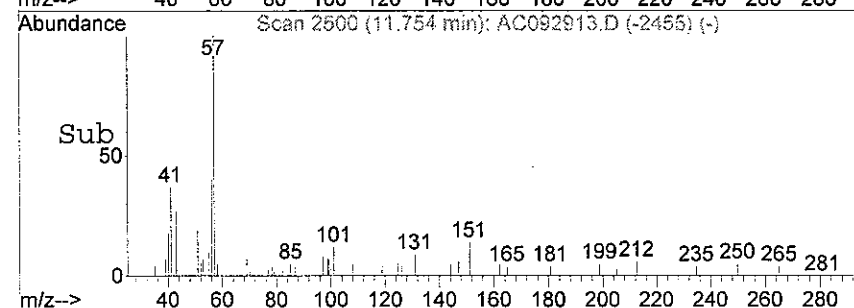
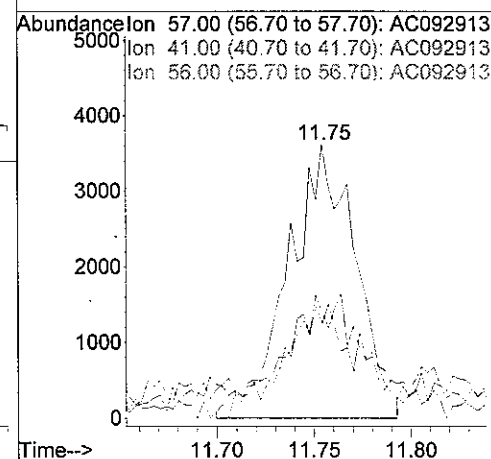
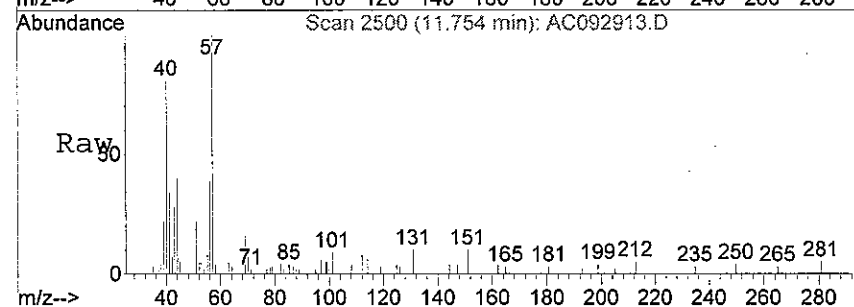
#34
Benzene
Concen: 0.35 ppb
RT: 10.87 min Scan# 2224
Delta R.T. -0.01 min
Lab File: AC092913.D
Acq: 29 Sep 2005 7:10 pm

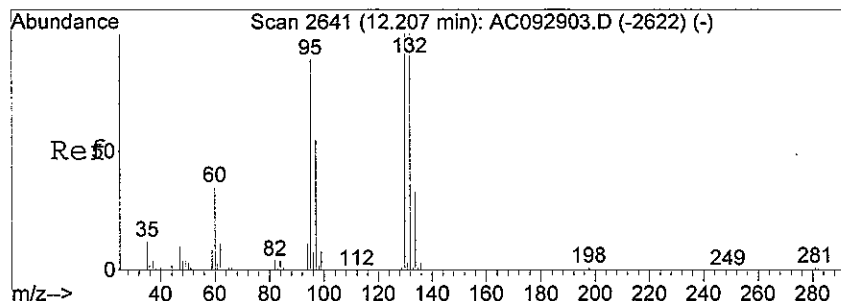
Tgt Ion: 78 Resp: 30238
Ion Ratio Lower Upper
78 100
77 3.1 3.1 43.1
51 15.7 5.7 45.7



#36
2,2,4-trimethylpentane
Concen: 0.08 ppb
RT: 11.75 min Scan# 2500
Delta R.T. -0.01 min
Lab File: AC092913.D
Acq: 29 Sep 2005 7:10 pm

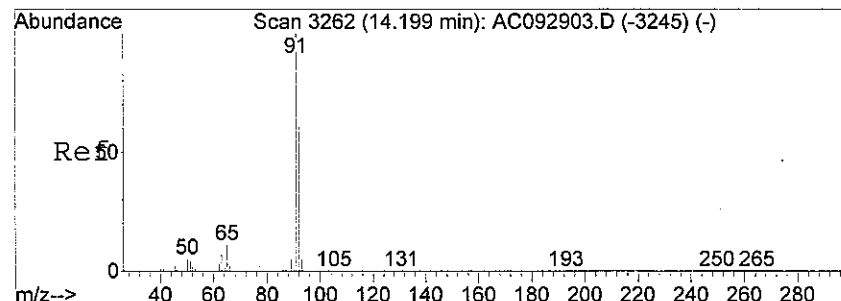
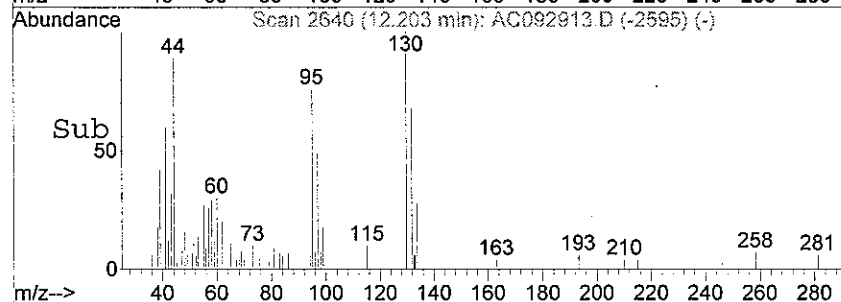
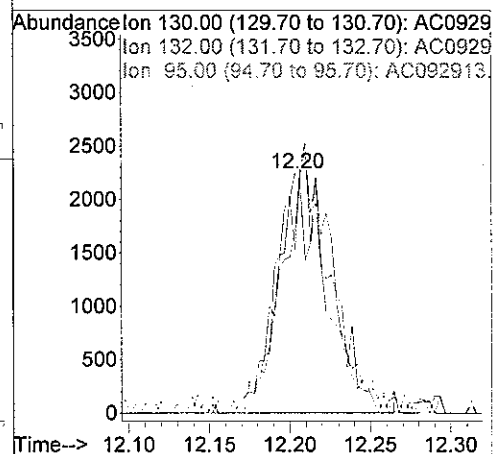
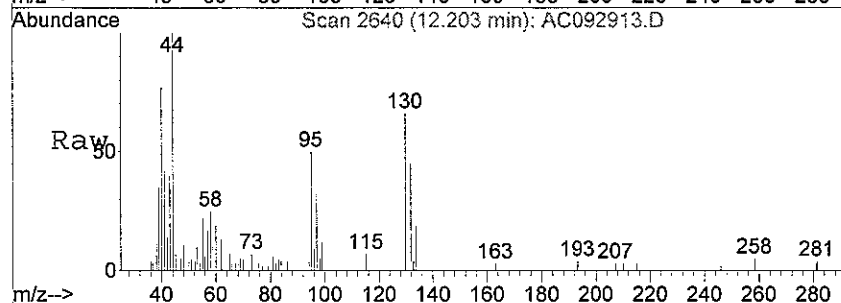
Tgt Ion: 57 Resp: 8583
Ion Ratio Lower Upper
57 100
41 14.7 10.5 50.5
56 21.7 11.1 51.1





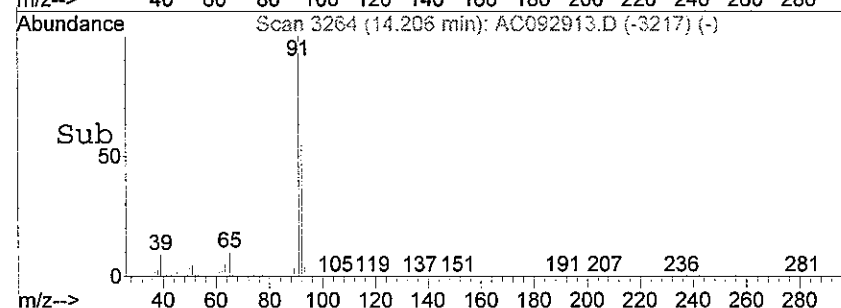
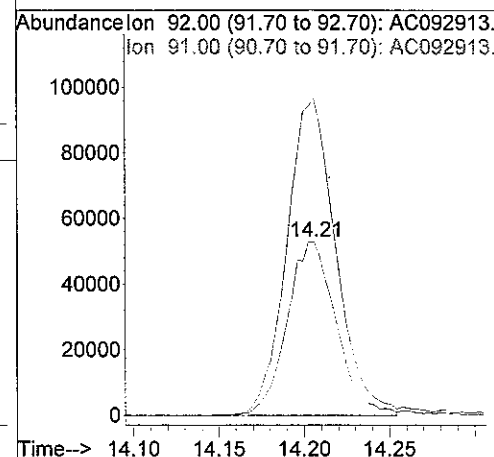
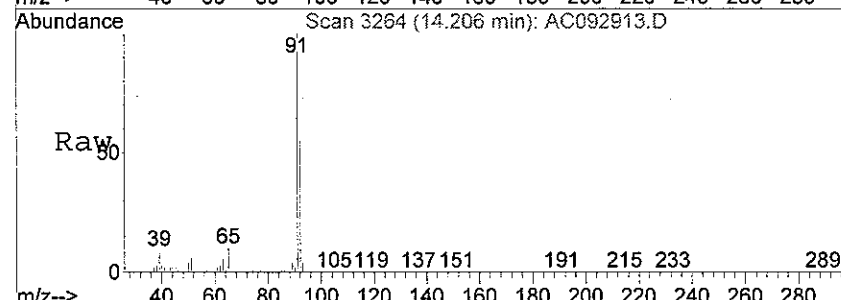
#38
Trichloroethene
Concen: 0.10 ppb m
RT: 12.20 min Scan# 2640
Delta R.T. -0.01 min
Lab File: AC092913.D
Acq: 29 Sep 2005 7:10 pm

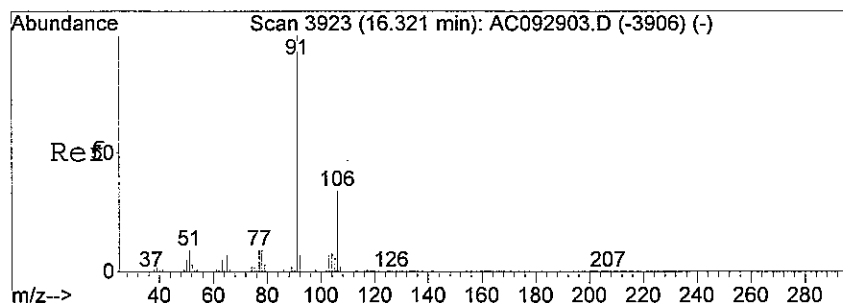
Tgt Ion	Ratio	Lower	Upper
130	100		
132	104.9	76.8	116.8
95	94.3	89.8	129.8



#45
Toluene
Concen: 1.56 ppb
RT: 14.21 min Scan# 3264
Delta R.T. 0.00 min
Lab File: AC092913.D
Acq: 29 Sep 2005 7:10 pm

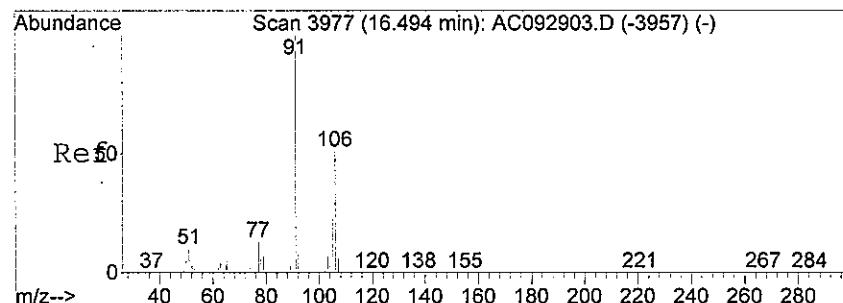
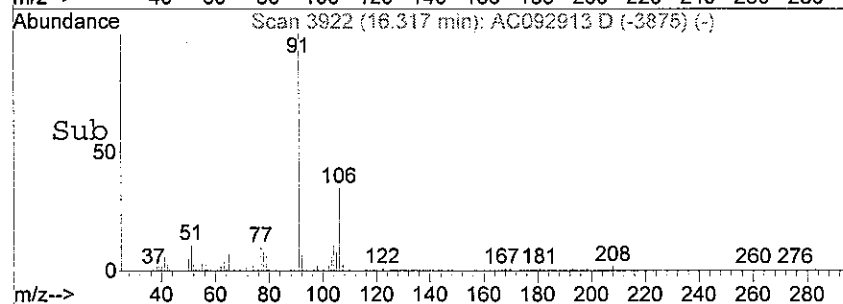
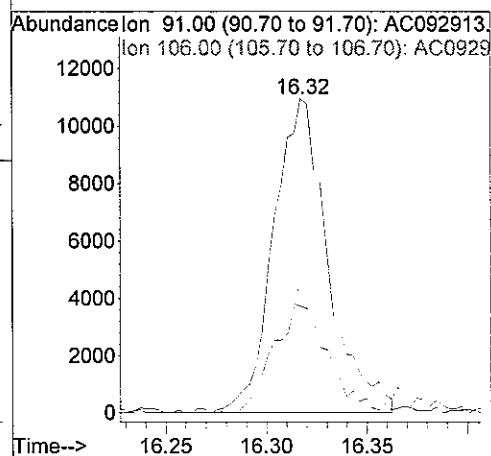
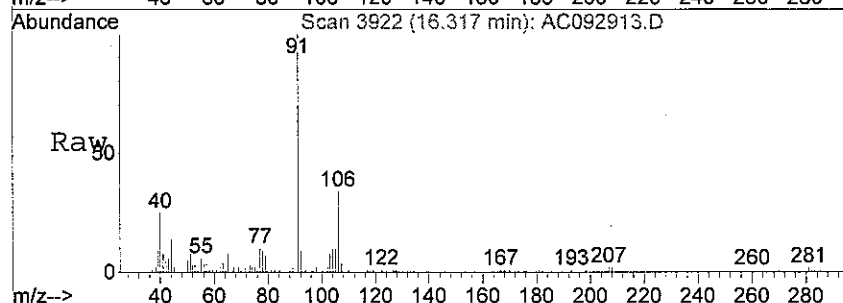
Tgt Ion	Ratio	Lower	Upper
92	100		
91	184.2	151.0	191.0





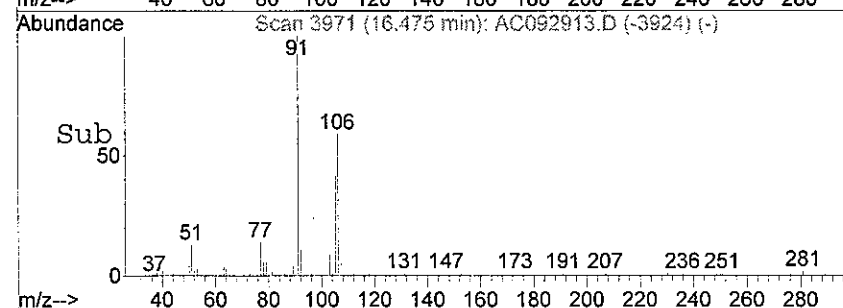
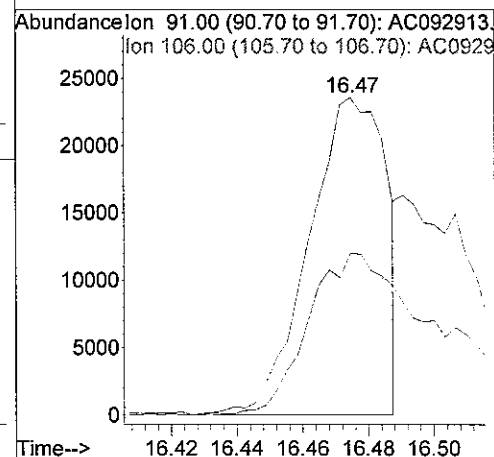
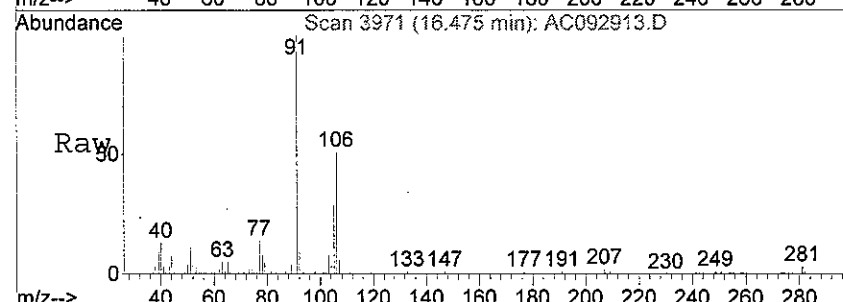
#52
Ethylbenzene
Concen: 0.17 ppb
RT: 16.32 min Scan# 3922
Delta R.T. 0.00 min
Lab File: AC092913.D
Acq: 29 Sep 2005 7:10 pm

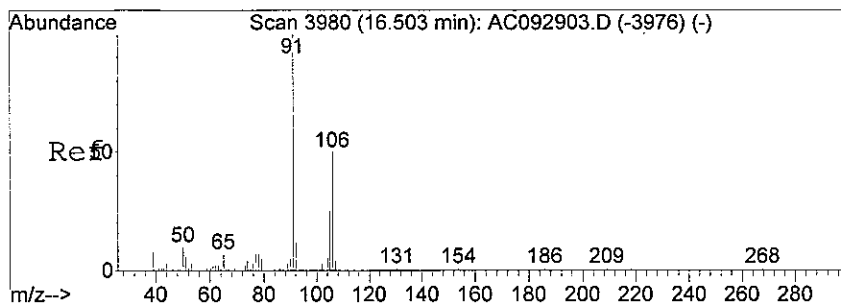
Tgt Ion: 91 Resp: 20535
Ion Ratio Lower Upper
91 100
106 34.8 10.2 50.2



#53
m-xylene
Concen: 0.38 ppb m
RT: 16.47 min Scan# 3971
Delta R.T. 0.00 min
Lab File: AC092913.D
Acq: 29 Sep 2005 7:10 pm

Tgt Ion: 91 Resp: 38369
Ion Ratio Lower Upper
91 100
106 88.3 31.7 71.7#





#54

p-xylene

Concen: 0.25 ppb m

RT: 16.49 min Scan# 3976

Delta R.T. -0.01 min

Lab File: AC092913.D

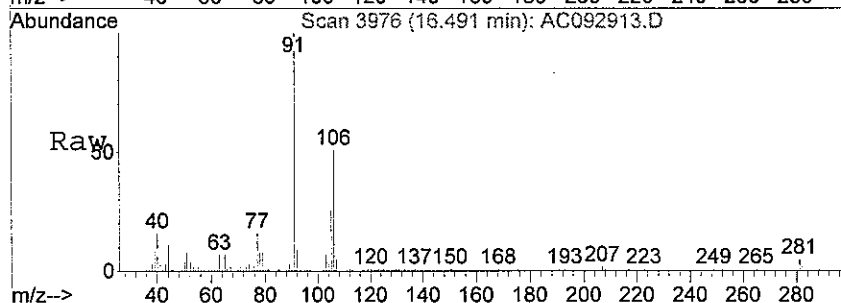
Acq: 29 Sep 2005 7:10 pm

Tgt Ion: 91 Resp: 27928

Ion Ratio Lower Upper

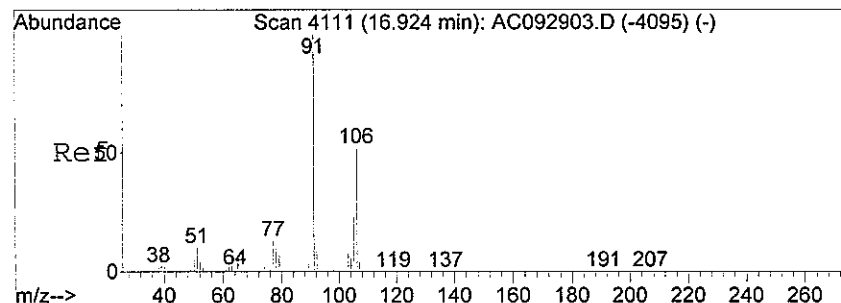
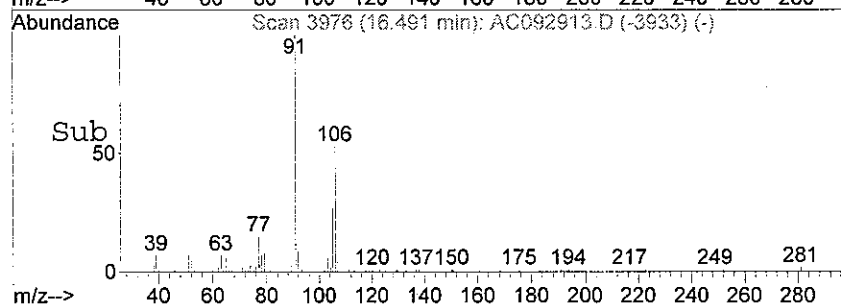
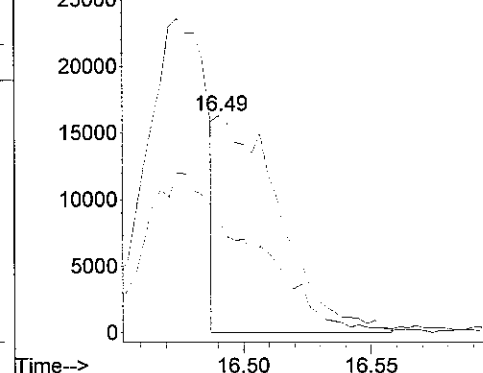
91 100

106 121.3 22.7 62.7#



Abundance Ion 91.00 (90.70 to 91.70): AC092913.D

Ion 106.00 (105.70 to 106.70): AC092913.D



#57

o-xylene

Concen: 0.31 ppb

RT: 16.93 min Scan# 4112

Delta R.T. 0.00 min

Lab File: AC092913.D

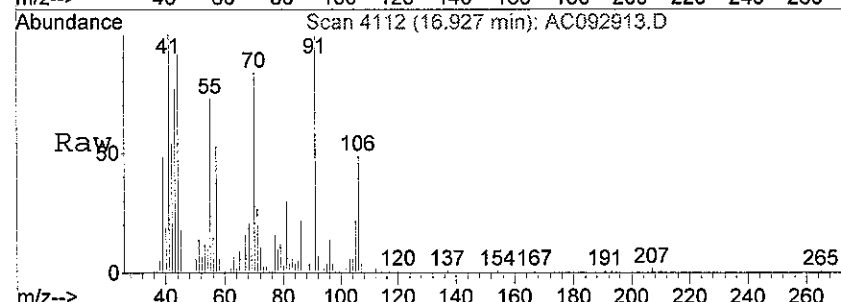
Acq: 29 Sep 2005 7:10 pm

Tgt Ion: 91 Resp: 37906

Ion Ratio Lower Upper

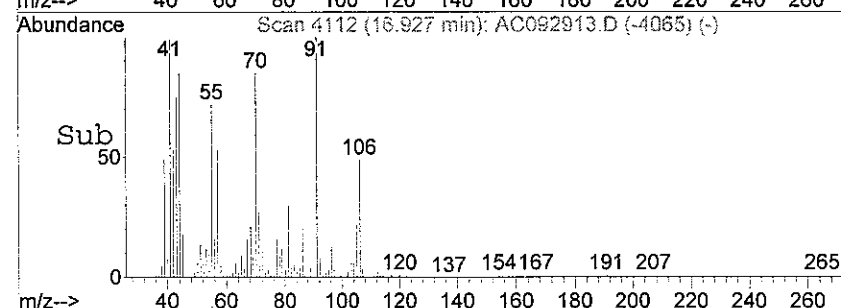
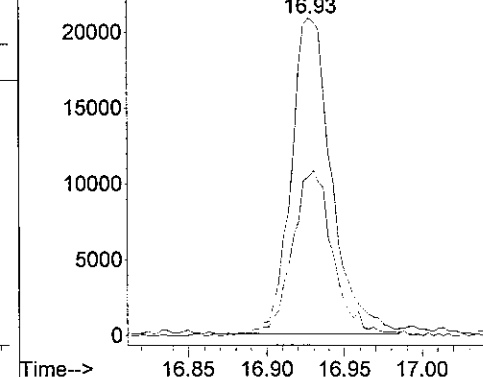
91 100

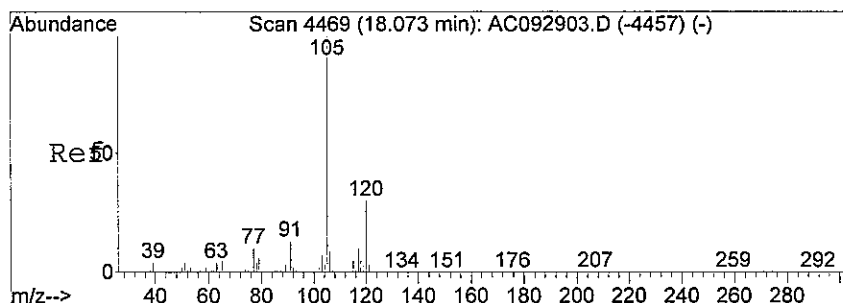
106 52.3 23.8 63.8



Abundance Ion 91.00 (90.70 to 91.70): AC092913.D

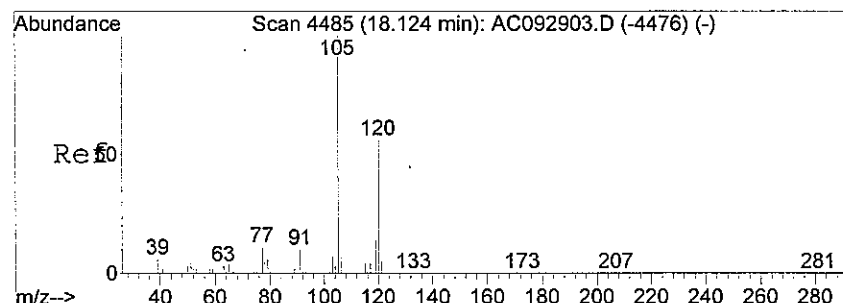
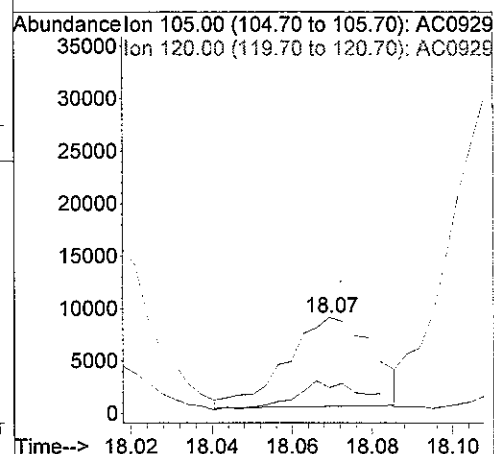
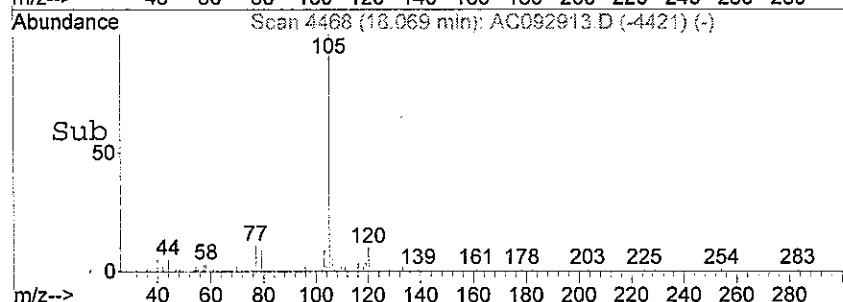
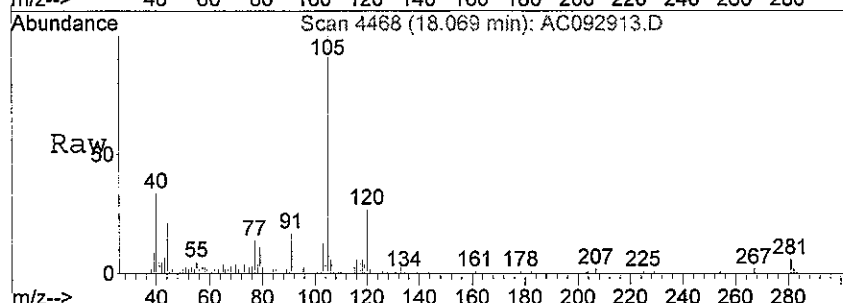
Ion 106.00 (105.70 to 106.70): AC092913.D





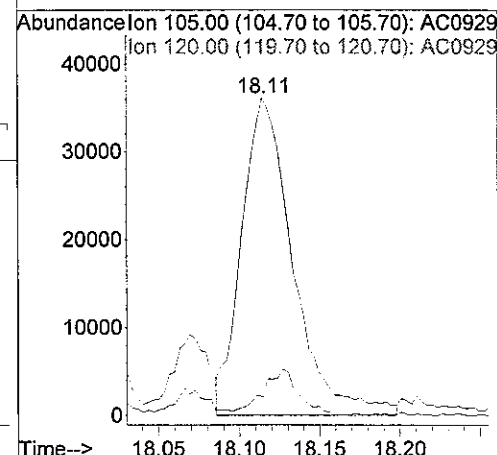
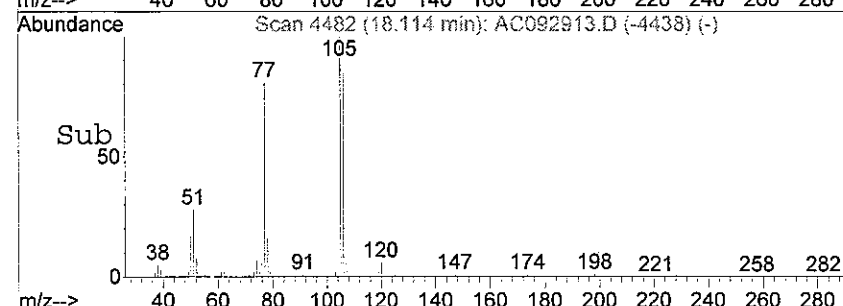
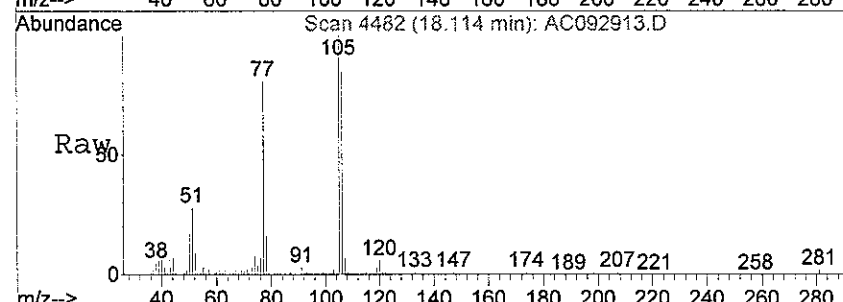
#60
4-ethyltoluene
Concen: 0.15 ppb
RT: 18.07 min Scan# 4468
Delta R.T. 0.00 min
Lab File: AC092913.D
Acq: 29 Sep 2005 7:10 pm

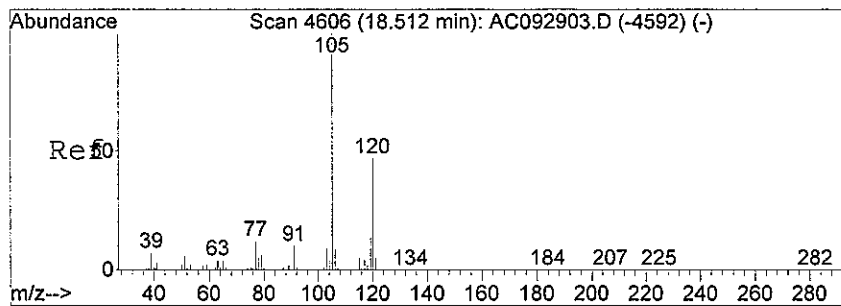
Tgt Ion:105 Resp: 12682
Ion Ratio Lower Upper
105 100
120 32.7 8.6 48.6



#61
1,3,5-trimethylbenzene
Concen: 0.70 ppb m
RT: 18.11 min Scan# 4482
Delta R.T. -0.01 min
Lab File: AC092913.D
Acq: 29 Sep 2005 7:10 pm

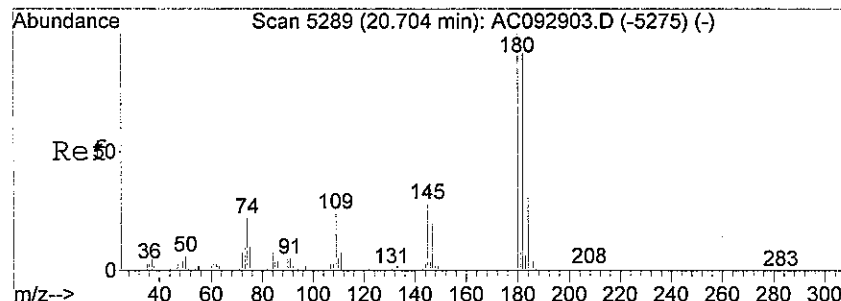
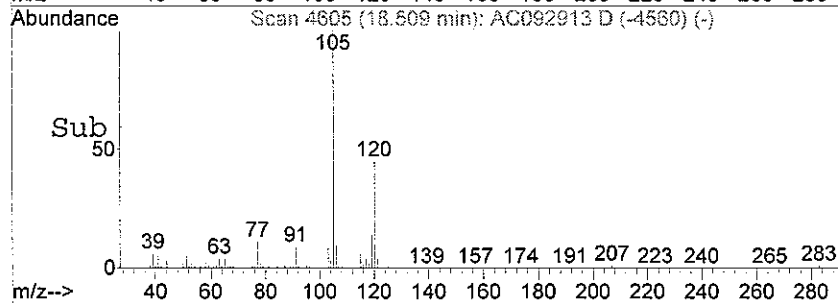
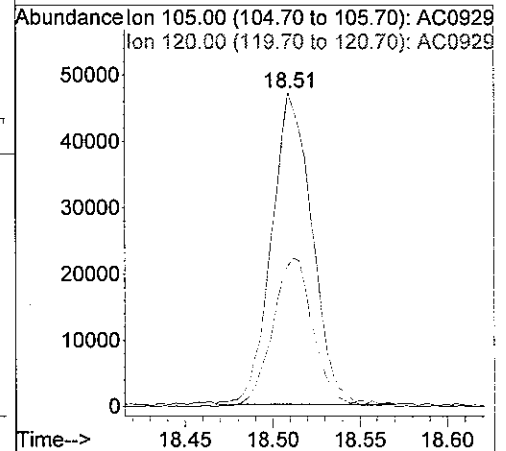
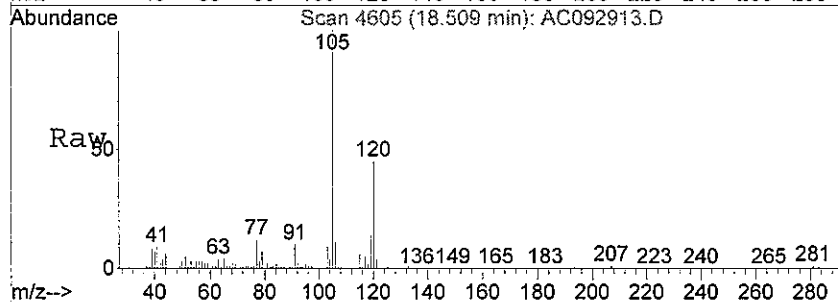
Tgt Ion:105 Resp: 80462
Ion Ratio Lower Upper
105 100
120 4.9 21.5 61.5#





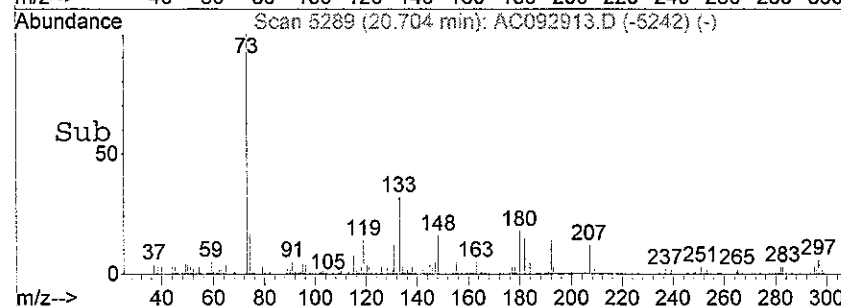
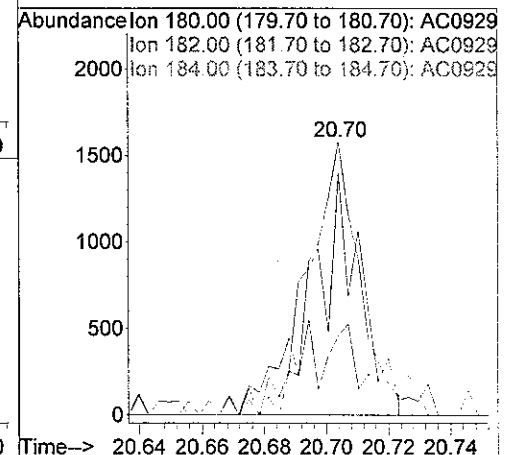
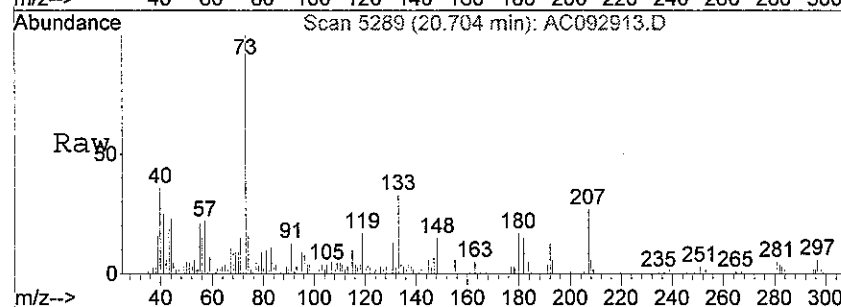
#62
 1,2,4-trimethylbenzene
 Concen: 0.78 ppb
 RT: 18.51 min Scan# 4605
 Delta R.T. -0.01 min
 Lab File: AC092913.D
 Acq: 29 Sep 2005 7:10 pm

Tgt Ion:105 Resp: 75974
 Ion Ratio Lower Upper
 105 100
 120 47.8 20.9 60.9



#67
 1,2,4-trichlorobenzene
 Concen: 0.03 ppb
 RT: 20.70 min Scan# 5289
 Delta R.T. 0.00 min
 Lab File: AC092913.D
 Acq: 29 Sep 2005 7:10 pm

Tgt Ion:180 Resp: 1815
 Ion Ratio Lower Upper
 180 100
 182 42.4 77.7 117.7#
 184 19.4 11.3 51.3



Centek Laboratories, LLC

Date: 09-Oct-05

CLIENT: ESC Environmental
 Lab Order: C0509018
 Project: 127491.05
 Lab ID: C0509018-002A

Client Sample ID: RD2AA092205
 Tag Number: 223, 178
 Collection Date: 9/22/2005
 Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15 1UG/M3 W/ 0.25UG/M3 TCE		TO-15		Analyst: RJP		
1,1,1-Trichloroethane	ND	0.150		ppbV	1	9/29/2005
1,1,2,2-Tetrachloroethane	ND	0.150		ppbV	1	9/29/2005
1,1,2-Trichloroethane	ND	0.150		ppbV	1	9/29/2005
1,1-Dichloroethane	ND	0.150		ppbV	1	9/29/2005
1,1-Dichloroethene	ND	0.150		ppbV	1	9/29/2005
1,2,4-Trichlorobenzene	ND	0.150		ppbV	1	9/29/2005
1,2,4-Trimethylbenzene	0.680	0.150		ppbV	1	9/29/2005
1,2-Dibromoethane	ND	0.150		ppbV	1	9/29/2005
1,2-Dichlorobenzene	ND	0.150		ppbV	1	9/29/2005
1,2-Dichloroethane	ND	0.150		ppbV	1	9/29/2005
1,2-Dichloropropane	ND	0.150		ppbV	1	9/29/2005
1,3,5-Trimethylbenzene	0.550	0.150		ppbV	1	9/29/2005
1,3-butadiene	ND	0.150		ppbV	1	9/29/2005
1,3-Dichlorobenzene	ND	0.150		ppbV	1	9/29/2005
1,4-Dichlorobenzene	ND	0.150		ppbV	1	9/29/2005
1,4-Dioxane	ND	0.300		ppbV	1	9/29/2005
2,2,4-trimethylpentane	0.080	0.150	J	ppbV	1	9/29/2005
4-ethyltoluene	0.11	0.150	J	ppbV	1	9/29/2005
Acetone	ND	0.300		ppbV	1	9/29/2005
Allyl chloride	ND	0.150		ppbV	1	9/29/2005
Benzene	0.370	0.150		ppbV	1	9/29/2005
Benzyl chloride	ND	0.150		ppbV	1	9/29/2005
Bromodichloromethane	ND	0.150		ppbV	1	9/29/2005
Bromoform	ND	0.150		ppbV	1	9/29/2005
Bromomethane	ND	0.150		ppbV	1	9/29/2005
Carbon disulfide	ND	0.150		ppbV	1	9/29/2005
Carbon tetrachloride	0.14	0.150	J	ppbV	1	9/29/2005
Chlorobenzene	ND	0.150		ppbV	1	9/29/2005
Chloroethane	ND	0.150		ppbV	1	9/29/2005
Chloroform	ND	0.150		ppbV	1	9/29/2005
Chloromethane	0.850	0.150		ppbV	1	9/29/2005
cis-1,2-Dichloroethene	ND	0.150		ppbV	1	9/29/2005
cis-1,3-Dichloropropene	ND	0.150		ppbV	1	9/29/2005
Cyclohexane	ND	0.150		ppbV	1	9/29/2005
Dibromochloromethane	ND	0.150		ppbV	1	9/29/2005
Ethyl acetate	ND	0.250		ppbV	1	9/29/2005
Ethylbenzene	0.160	0.150		ppbV	1	9/29/2005
Freon 11	0.370	0.150		ppbV	1	9/29/2005
Freon 113	0.12	0.150	J	ppbV	1	9/29/2005
Freon 114	ND	0.150		ppbV	1	9/29/2005

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 at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 09-Oct-05

CLIENT: ESC Environmental
Lab Order: C0509018
Project: 127491.05
Lab ID: C0509018-002A

Client Sample ID: RD2AA092205
Tag Number: 223, 178
Collection Date: 9/22/2005
Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15 1UG/M3 W/ 0.25UG/M3 TCE		TO-15		Analyst: RJP		
Freon 12	0.870	0.150		ppbV	1	9/29/2005
Heptane	ND	0.150		ppbV	1	9/29/2005
Hexachloro-1,3-butadiene	ND	0.150		ppbV	1	9/29/2005
Hexane	ND	0.150		ppbV	1	9/29/2005
Isopropyl alcohol	ND	0.150		ppbV	1	9/29/2005
m-Xylene	0.390	0.150		ppbV	1	9/29/2005
Methyl Butyl Ketone	ND	0.300		ppbV	1	9/29/2005
Methyl Ethyl Ketone	ND	0.300		ppbV	1	9/29/2005
Methyl Isobutyl Ketone	ND	0.300		ppbV	1	9/29/2005
Methyl tert-butyl ether	ND	0.150		ppbV	1	9/29/2005
Methylene chloride	ND	0.150		ppbV	1	9/29/2005
o-Xylene	0.280	0.150		ppbV	1	9/29/2005
p-Xylene	0.180	0.150		ppbV	1	9/29/2005
Propylene	ND	0.150		ppbV	1	9/29/2005
Styrene	ND	0.150		ppbV	1	9/29/2005
Tetrachloroethylene	ND	0.150		ppbV	1	9/29/2005
Tetrahydrofuran	ND	0.150		ppbV	1	9/29/2005
Toluene	1.60	0.150		ppbV	1	9/29/2005
trans-1,2-Dichloroethene	ND	0.150		ppbV	1	9/29/2005
trans-1,3-Dichloropropene	ND	0.150		ppbV	1	9/29/2005
Trichloroethene	ND	0.0400		ppbV	1	9/29/2005
Vinyl acetate	ND	0.150		ppbV	1	9/29/2005
Vinyl Bromide	ND	0.150		ppbV	1	9/29/2005
Vinyl chloride	ND	0.150		ppbV	1	9/29/2005
Surr: Bromofluorobenzene	106	70-130		%REC	1	9/29/2005

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 at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 09-Oct-05

CLIENT: ESC Environmental
 Lab Order: C0509018
 Project: 127491.05
 Lab ID: C0509018-002A

Client Sample ID: RD2AA092205
 Tag Number: 223, 178
 Collection Date: 9/22/2005
 Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15 1UG/M3 W/ 0.25UG/M3 TCE		TO-15		Analyst: RJP		
1,1,1-Trichloroethane	ND	0.832		ug/m3	1	9/29/2005
1,1,2,2-Tetrachloroethane	ND	1.05		ug/m3	1	9/29/2005
1,1,2-Trichloroethane	ND	0.832		ug/m3	1	9/29/2005
1,1-Dichloroethane	ND	0.617		ug/m3	1	9/29/2005
1,1-Dichloroethene	ND	0.605		ug/m3	1	9/29/2005
1,2,4-Trichlorobenzene	ND	1.13		ug/m3	1	9/29/2005
1,2,4-Trimethylbenzene	3.40	0.749		ug/m3	1	9/29/2005
1,2-Dibromoethane	ND	1.17		ug/m3	1	9/29/2005
1,2-Dichlorobenzene	ND	0.917		ug/m3	1	9/29/2005
1,2-Dichloroethane	ND	0.617		ug/m3	1	9/29/2005
1,2-Dichloropropane	ND	0.705		ug/m3	1	9/29/2005
1,3,5-Trimethylbenzene	2.75	0.750		ug/m3	1	9/29/2005
1,3-butadiene	ND	0.337		ug/m3	1	9/29/2005
1,3-Dichlorobenzene	ND	0.917		ug/m3	1	9/29/2005
1,4-Dichlorobenzene	ND	0.917		ug/m3	1	9/29/2005
1,4-Dioxane	ND	1.10		ug/m3	1	9/29/2005
2,2,4-trimethylpentane	0.380	0.712	J	ug/m3	1	9/29/2005
4-ethyltoluene	0.550	0.750	J	ug/m3	1	9/29/2005
Acetone	ND	0.724		ug/m3	1	9/29/2005
Allyl chloride	ND	0.477		ug/m3	1	9/29/2005
Benzene	1.20	0.487		ug/m3	1	9/29/2005
Benzyl chloride	ND	0.877		ug/m3	1	9/29/2005
Bromodichloromethane	ND	1.02		ug/m3	1	9/29/2005
Bromoform	ND	1.58		ug/m3	1	9/29/2005
Bromomethane	ND	0.592		ug/m3	1	9/29/2005
Carbon disulfide	ND	0.475		ug/m3	1	9/29/2005
Carbon tetrachloride	0.895	0.959	J	ug/m3	1	9/29/2005
Chlorobenzene	ND	0.702		ug/m3	1	9/29/2005
Chloroethane	ND	0.402		ug/m3	1	9/29/2005
Chloroform	ND	0.744		ug/m3	1	9/29/2005
Chloromethane	1.78	0.315		ug/m3	1	9/29/2005
cis-1,2-Dichloroethene	ND	0.604		ug/m3	1	9/29/2005
cis-1,3-Dichloropropene	ND	0.692		ug/m3	1	9/29/2005
Cyclohexane	ND	0.525		ug/m3	1	9/29/2005
Dibromochloromethane	ND	1.30		ug/m3	1	9/29/2005
Ethyl acetate	ND	0.916		ug/m3	1	9/29/2005
Ethylbenzene	0.706	0.662		ug/m3	1	9/29/2005
Freon 11	2.11	0.857		ug/m3	1	9/29/2005
Freon 113	0.935	1.17	J	ug/m3	1	9/29/2005
Freon 114	ND	1.07		ug/m3	1	9/29/2005

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 at or below quantitation limits
 JN Non-routine analyte. Quantitation estimated. ND Not Detected at the Reporting Limit
 S Spike Recovery outside accepted recovery limits

Centek Laboratories, LLC

Date: 09-Oct-05

CLIENT: ESC Environmental
Lab Order: C0509018
Project: 127491.05
Lab ID: C0509018-002A

Client Sample ID: RD2AA092205
Tag Number: 223, 178
Collection Date: 9/22/2005
Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15 1UG/M3 W/ 0.25UG/M3 TCE				TO-15		Analyst: RJP
Freon 12	4.37	0.754		ug/m3	1	9/29/2005
Heptane	ND	0.625		ug/m3	1	9/29/2005
Hexachloro-1,3-butadiene	ND	1.63		ug/m3	1	9/29/2005
Hexane	ND	0.537		ug/m3	1	9/29/2005
Isopropyl alcohol	ND	0.375		ug/m3	1	9/29/2005
m-Xylene	1.72	0.662		ug/m3	1	9/29/2005
Methyl Butyl Ketone	ND	1.25		ug/m3	1	9/29/2005
Methyl Ethyl Ketone	ND	0.899		ug/m3	1	9/29/2005
Methyl Isobutyl Ketone	ND	1.25		ug/m3	1	9/29/2005
Methyl tert-butyl ether	ND	0.550		ug/m3	1	9/29/2005
Methylene chloride	ND	0.530		ug/m3	1	9/29/2005
o-Xylene	1.24	0.662		ug/m3	1	9/29/2005
p-Xylene	0.794	0.662		ug/m3	1	9/29/2005
Propylene	ND	0.262		ug/m3	1	9/29/2005
Styrene	ND	0.649		ug/m3	1	9/29/2005
Tetrachloroethylene	ND	1.03		ug/m3	1	9/29/2005
Tetrahydrofuran	ND	0.450		ug/m3	1	9/29/2005
Toluene	6.13	0.575		ug/m3	1	9/29/2005
trans-1,2-Dichloroethene	ND	0.604		ug/m3	1	9/29/2005
trans-1,3-Dichloropropene	ND	0.692		ug/m3	1	9/29/2005
Trichloroethene	ND	0.218		ug/m3	1	9/29/2005
Vinyl acetate	ND	0.537		ug/m3	1	9/29/2005
Vinyl Bromide	ND	0.667		ug/m3	1	9/29/2005
Vinyl chloride	ND	0.390		ug/m3	1	9/29/2005

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 at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Data File : C:\MSDCHEM\1\DATA\AC092914.D

Vial: 2

Acq On : 29 Sep 2005 7:47 pm

Operator: RJP

Sample : C0509018-002A

Inst : MSD #1

Misc : C0509018-002A

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Sep 29 20:10:42 2005

Quant Results File: A905_1UT.RES

Quant Method : C:\MSDCHEM\1\METHODS\A905_1UT.M (RTE Integrator)

Title : TO-15 VOA Standards for 5 point calibration

Last Update : Tue Sep 06 13:55:05 2005

Response via : Initial Calibration

DataAcq Meth : A905_1UT

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) Bromochloromethane	9.27	128	30870	1.00	ppb	0.00
30) 1,4-difluorobenzene	11.58	114	95000	1.00	ppb	0.00
44) Chlorobenzene-d5	16.03	117	99432m <i>p</i>	1.00	ppb	0.00

System Monitoring Compounds

58) Bromofluorobenzene	17.53	95	53884	1.06	ppb	0.00
Spiked Amount	1.000	Range	70 - 130	Recovery	=	106.00%

Target Compounds

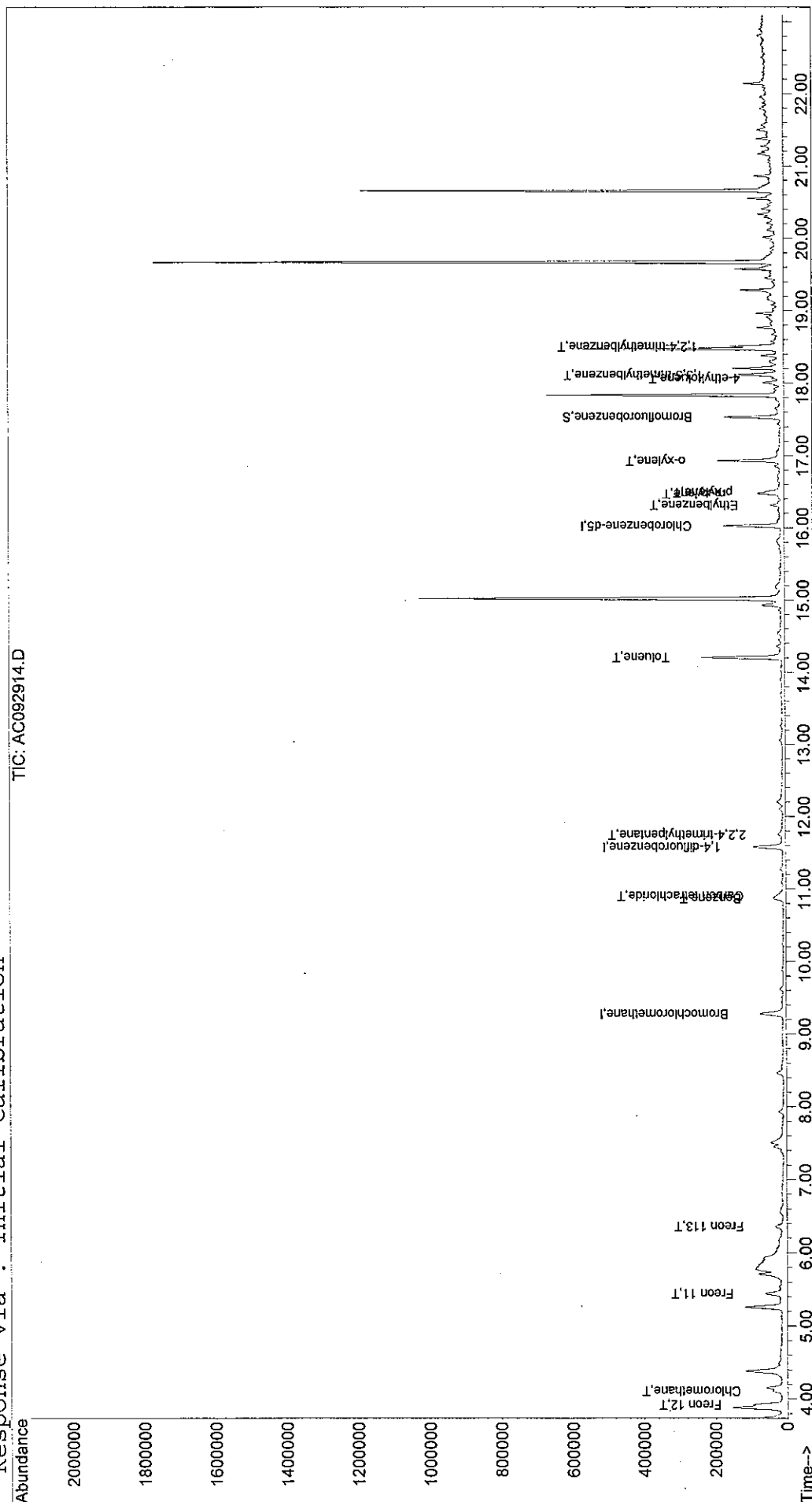
						Qvalue
3) Freon 12	3.92	85	86943	0.87	ppb	98
4) Chloromethane	4.11	50	29559	0.85	ppb	84
11) Freon 11	5.45	101	49477	0.37	ppb	99
15) Freon 113	6.36	101	11033	0.12	ppb	# 48
33) Carbon tetrachloride	10.91	117	11093	0.14	ppb	97
34) Benzene	10.87	78	31905	0.37	ppb	82
36) 2,2,4-trimethylpentane	11.75	57	9067	0.08	ppb	# 68
45) Toluene	14.21	92	108913	1.60	ppb	95
52) Ethylbenzene	16.32	91	19964	0.16	ppb	95
53) m-xylene	16.48	91	39221	0.39	ppb	99
54) p-xylene	16.50	91	19980m	0.18	ppb	
57) o-xylene	16.93	91	34423	0.28	ppb	96
60) 4-ethyltoluene	18.07	105	9497	0.11	ppb	79
61) 1,3,5-trimethylbenzene	18.12	105	62575m	0.55	ppb	
62) 1,2,4-trimethylbenzene	18.51	105	66256	0.68	ppb	84

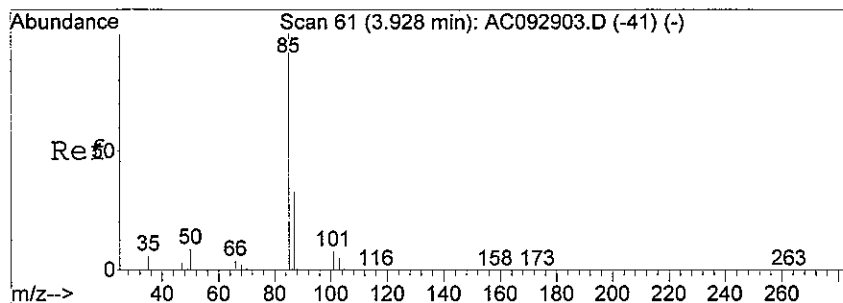
Data File : C:\MSDCHEM\1\DATA\AC092914.D
Acq On : 29 Sep 2005 7:47 pm
Sample : C0509018-002A
Misc : C0509018-002A
MS Integration Params: RTEINT.P
Quant Time: Sep 30 8:31 2005

Vial: 2
Operator: RJP
Inst : MSD #1
Multiplr: 1.00

Quant Results File: A905_1UT.RES

Method : C:\MSDCHEM\1\METHODS\A905_1UT.M (RTE Integrator)
Title : TO-15 VOA Standards for 5 point calibration
Last Update : Sun Oct 09 14:17:27 2005
Response via : Initial Calibration





#3

Freon 12

Concen: 0.87 ppb

RT: 3.92 min Scan# 59

Delta R.T. -0.01 min

Lab File: AC092914.D

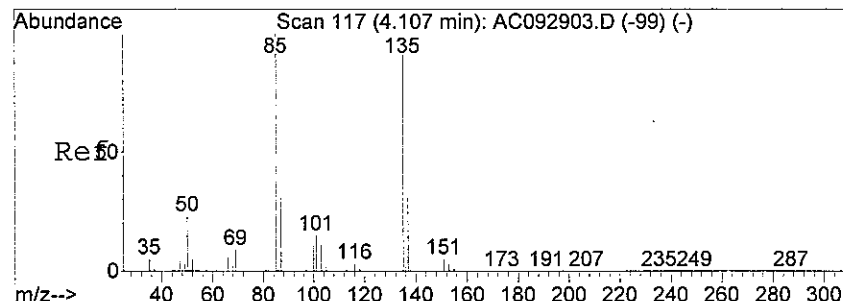
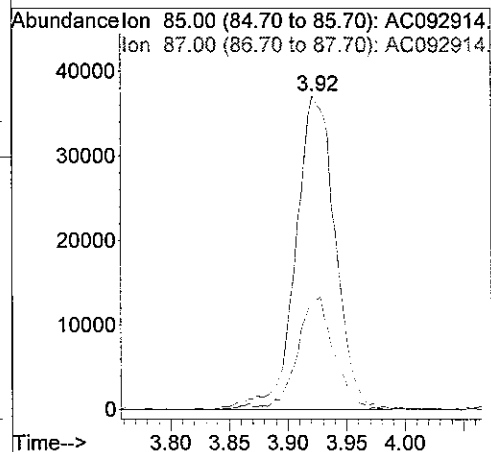
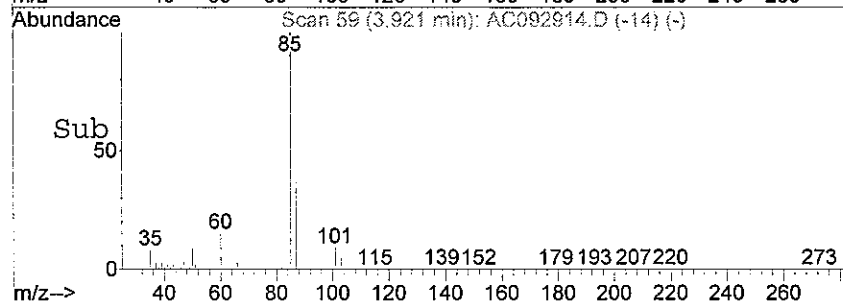
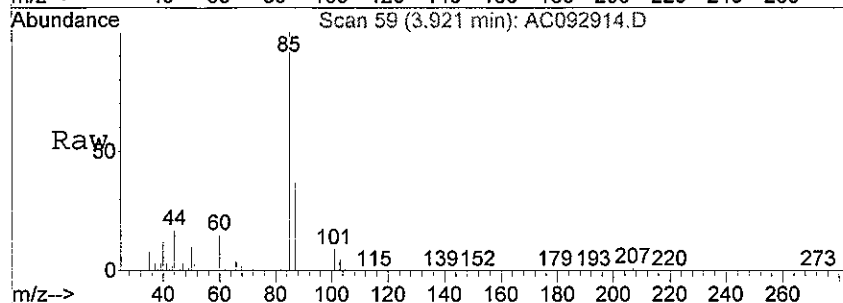
Acq: 29 Sep 2005 7:47 pm

Tgt Ion: 85 Resp: 86943

Ion Ratio Lower Upper

85 100

87 33.3 12.1 52.1



#4

Chloromethane

Concen: 0.85 ppb

RT: 4.11 min Scan# 118

Delta R.T. -0.01 min

Lab File: AC092914.D

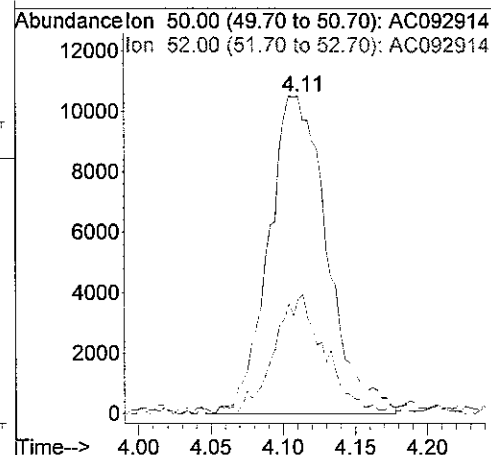
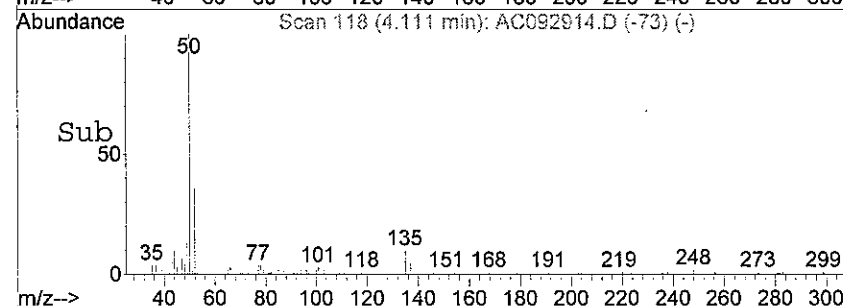
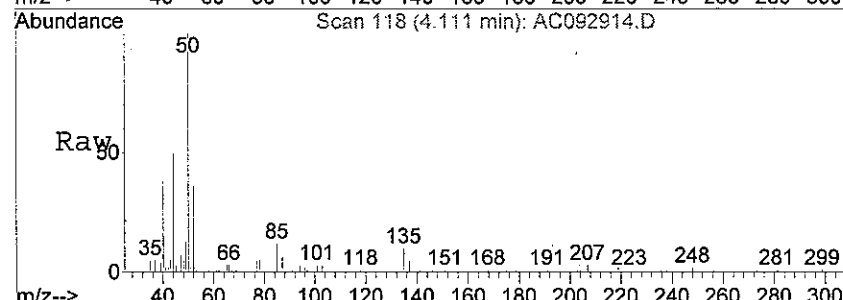
Acq: 29 Sep 2005 7:47 pm

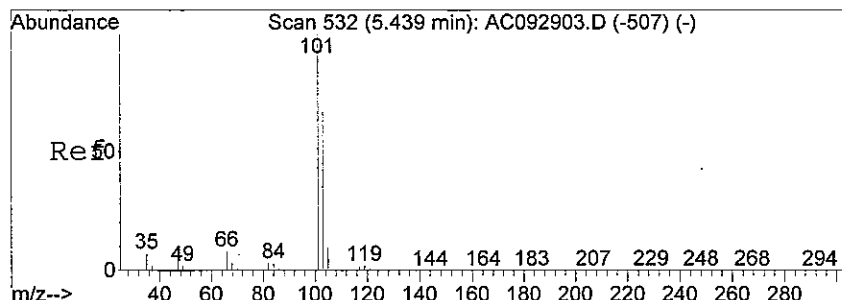
Tgt Ion: 50 Resp: 29559

Ion Ratio Lower Upper

50 100

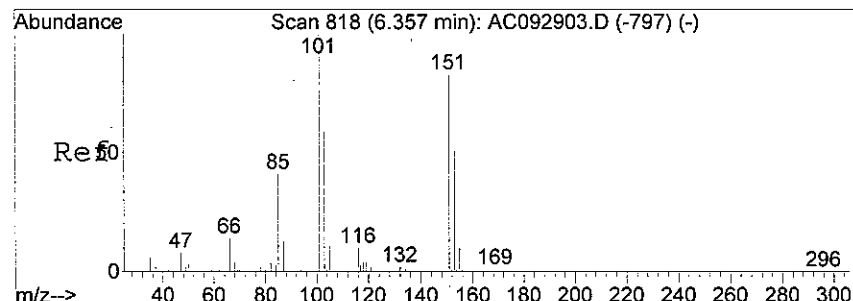
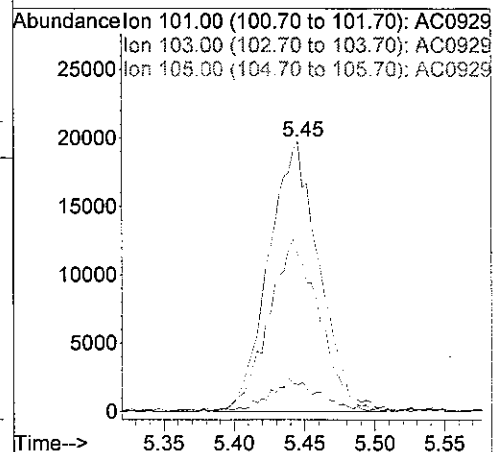
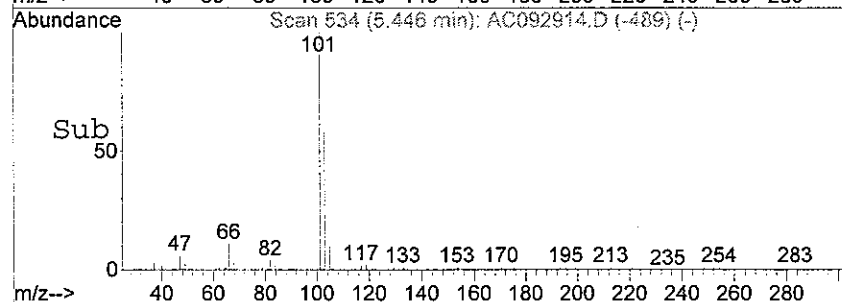
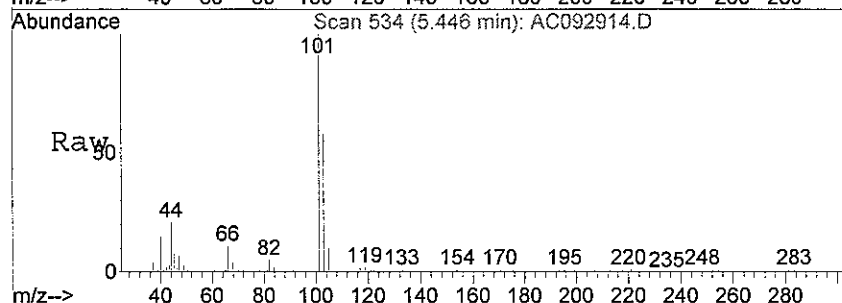
52 31.0 3.3 43.3





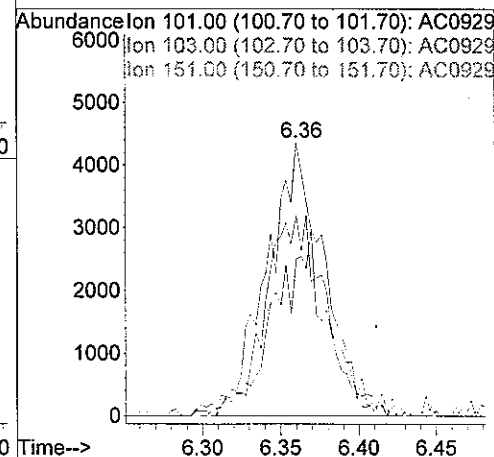
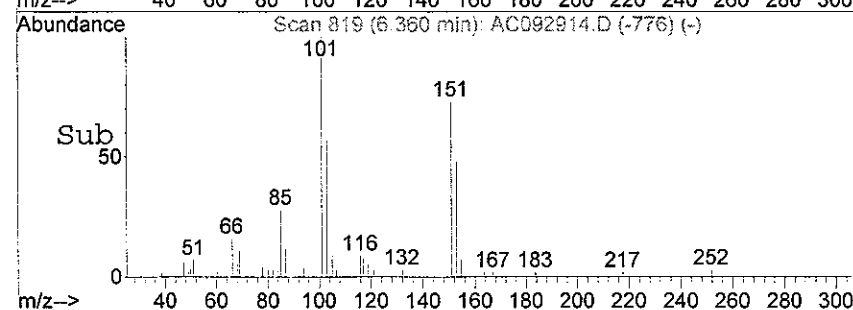
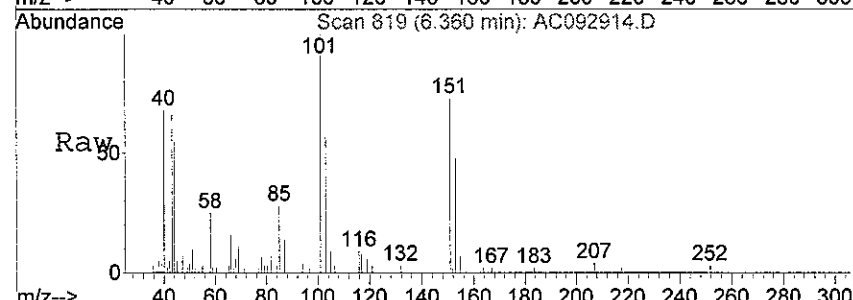
#11
Freon 11
Concen: 0.37 ppb
RT: 5.45 min Scan# 534
Delta R.T. -0.01 min
Lab File: AC092914.D
Acq: 29 Sep 2005 7:47 pm

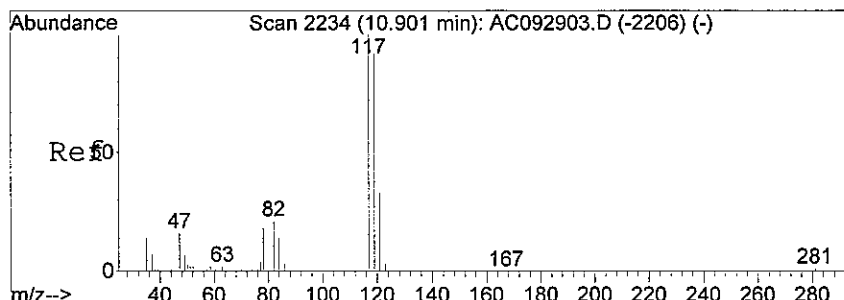
Tgt Ion	Ratio	Lower	Upper
101	100		
103	63.8	43.4	83.4
105	11.8	0.0	30.9



#15
Freon 113
Concen: 0.12 ppb
RT: 6.36 min Scan# 819
Delta R.T. -0.01 min
Lab File: AC092914.D
Acq: 29 Sep 2005 7:47 pm

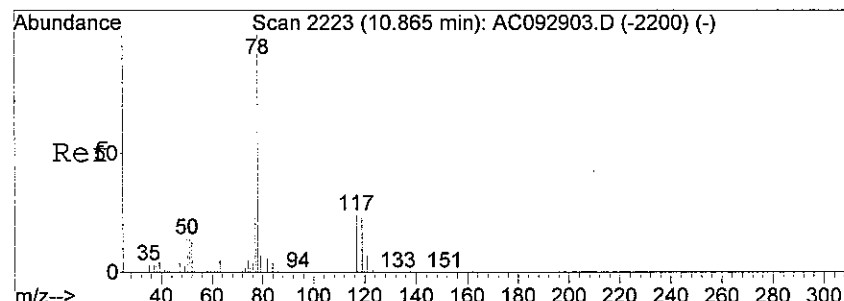
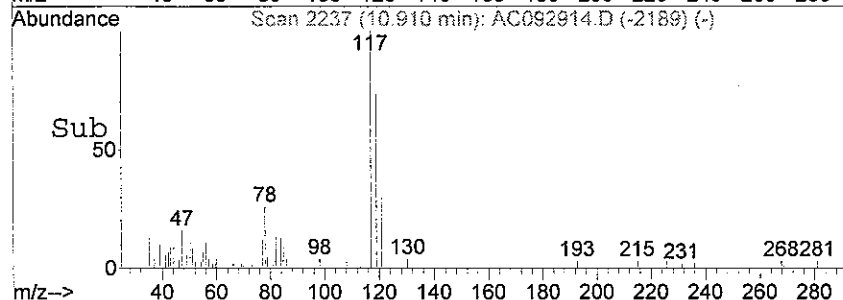
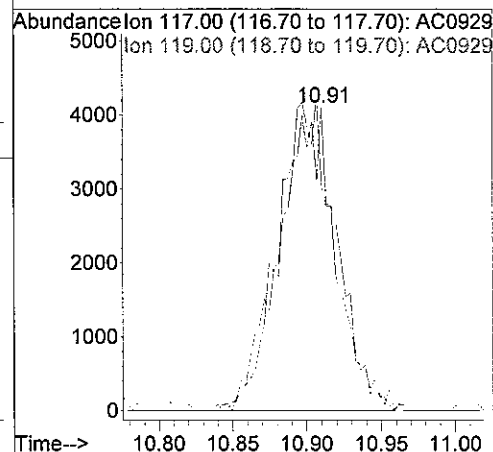
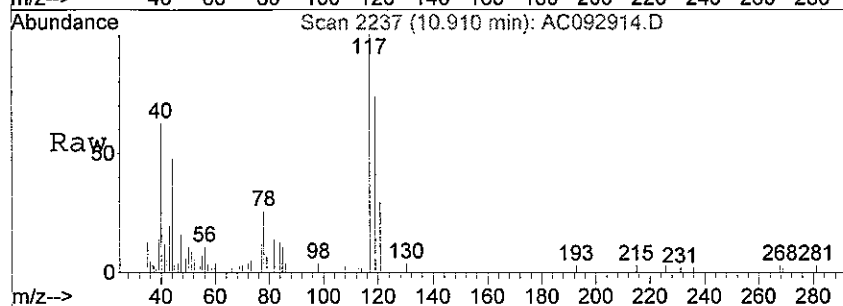
Tgt Ion	Ratio	Lower	Upper
101	100		
103	61.4	13.9	53.9#
151	36.6	66.6	106.6#





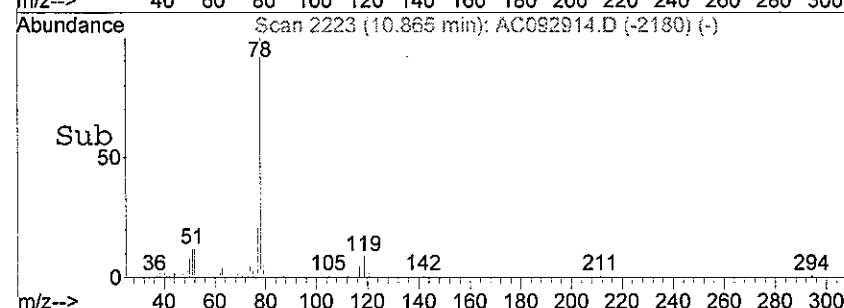
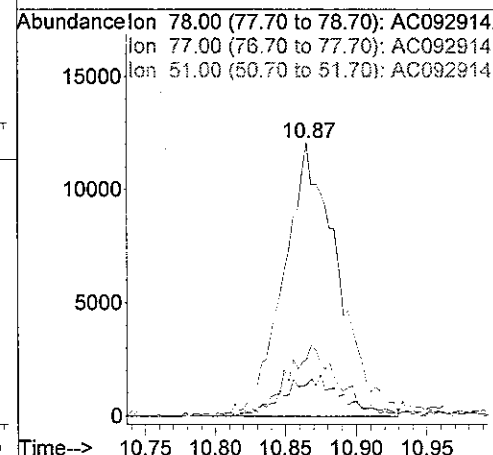
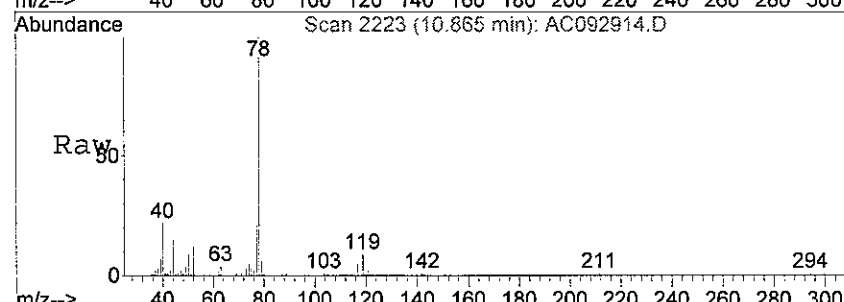
#33
Carbon tetrachloride
Concen: 0.14 ppb
RT: 10.91 min Scan# 2237
Delta R.T. 0.00 min
Lab File: AC092914.D
Acq: 29 Sep 2005 7:47 pm

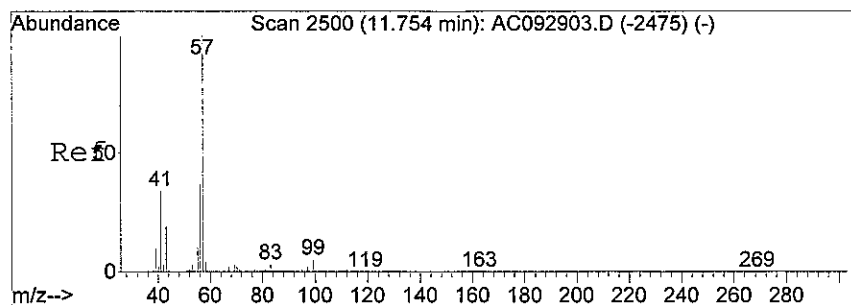
Tgt Ion: 117 Resp: 11093
Ion Ratio Lower Upper
117 100
119 99.3 75.9 115.9



#34
Benzene
Concen: 0.37 ppb
RT: 10.87 min Scan# 2223
Delta R.T. -0.01 min
Lab File: AC092914.D
Acq: 29 Sep 2005 7:47 pm

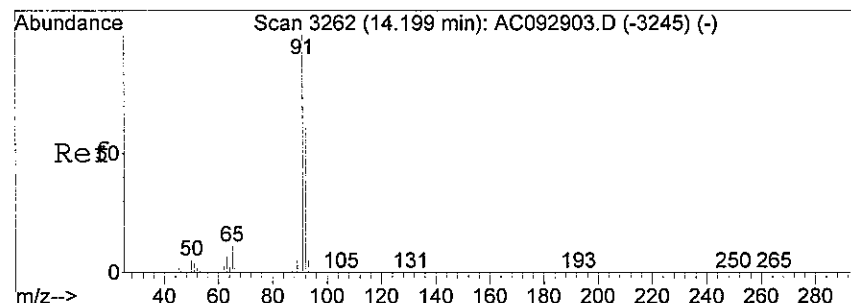
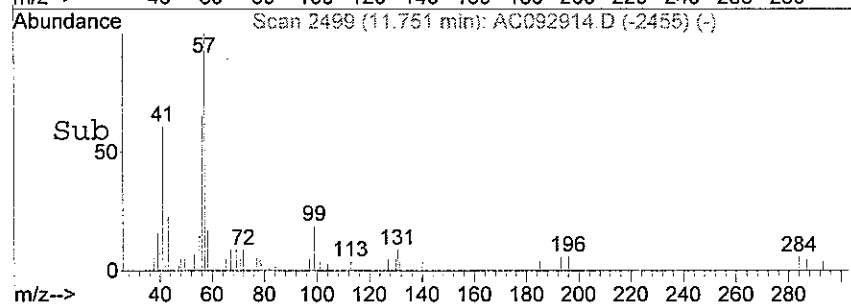
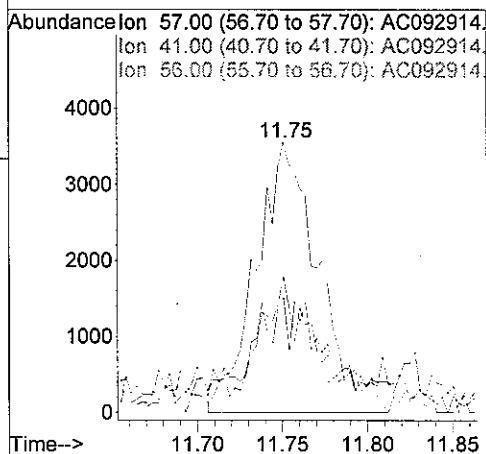
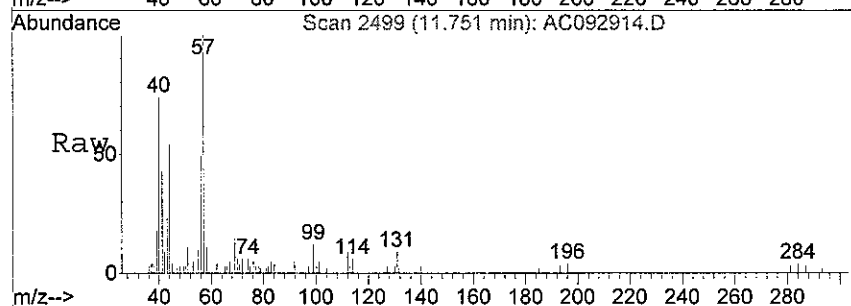
Tgt Ion: 78 Resp: 31905
Ion Ratio Lower Upper
78 100
77 23.2 3.1 43.1
51 8.5 5.7 45.7





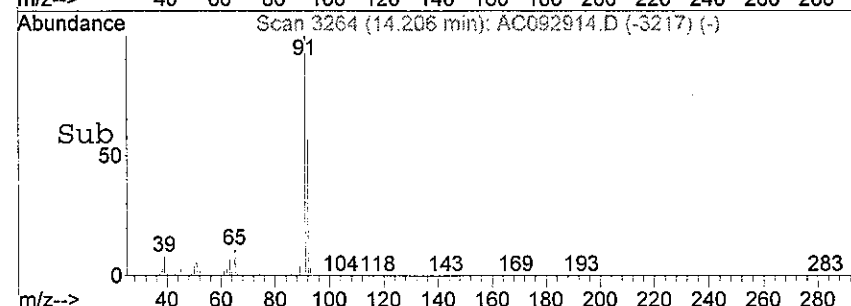
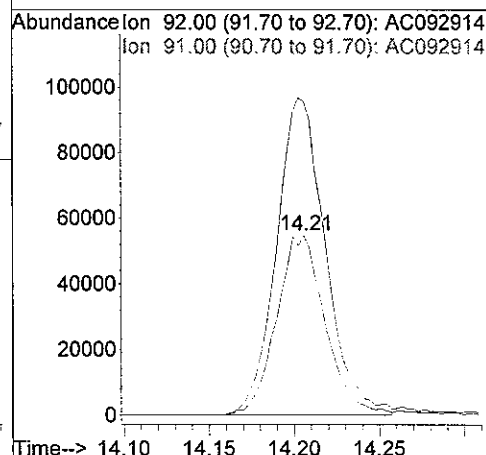
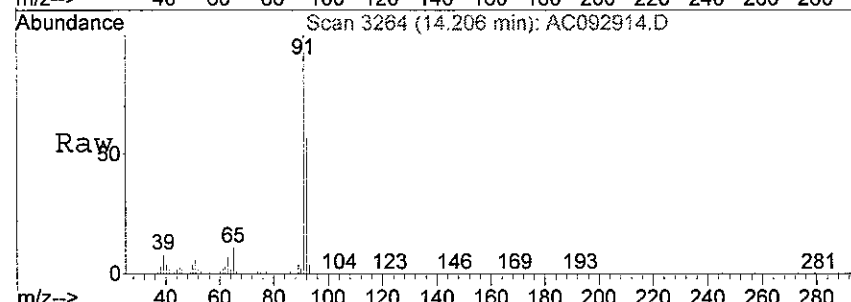
#36
 2,2,4-trimethylpentane
 Concen: 0.08 ppb
 RT: 11.75 min Scan# 2499
 Delta R.T. -0.01 min
 Lab File: AC092914.D
 Acq: 29 Sep 2005 7:47 pm

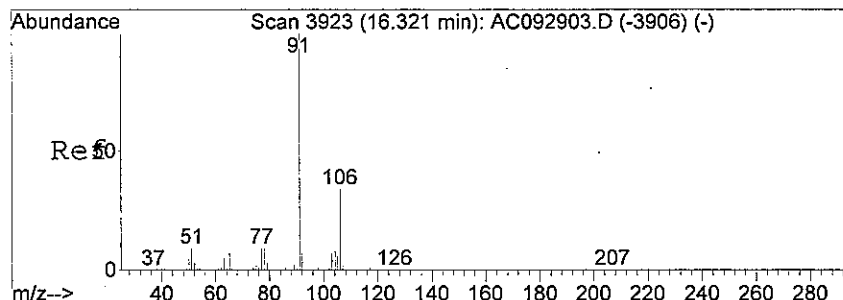
Tgt Ion	Resp	Lower	Upper
57	100		
41	5.7	10.5	50.5#
56	20.3	11.1	51.1



#45
 Toluene
 Concen: 1.60 ppb
 RT: 14.21 min Scan# 3264
 Delta R.T. 0.00 min
 Lab File: AC092914.D
 Acq: 29 Sep 2005 7:47 pm

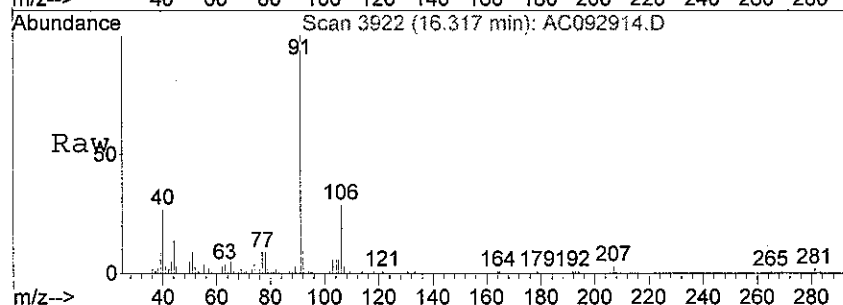
Tgt Ion	Resp	Lower	Upper
92	100		
91	177.9	151.0	191.0



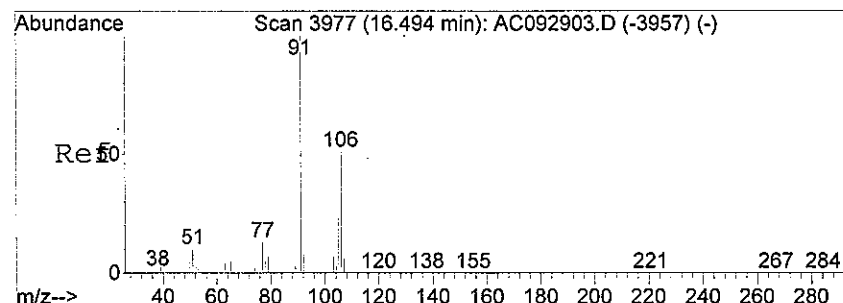
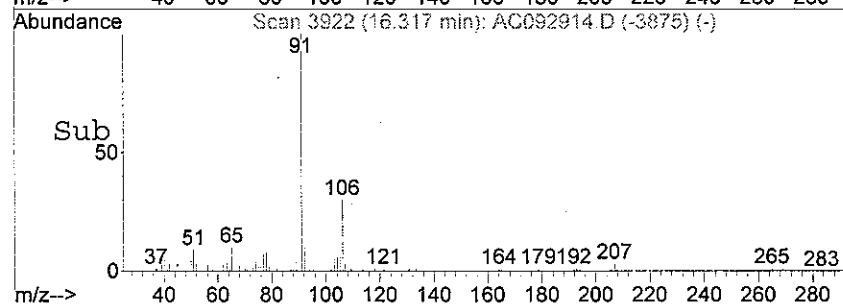
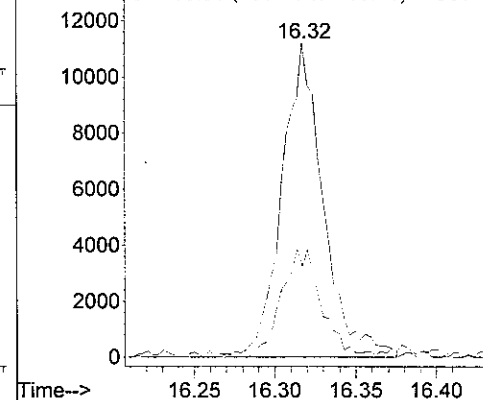


#52
Ethylbenzene
Concen: 0.16 ppb
RT: 16.32 min Scan# 3922
Delta R.T. 0.00 min
Lab File: AC092914.D
Acq: 29 Sep 2005 7:47 pm

Tgt Ion: 91 Resp: 19964
Ion Ratio Lower Upper
91 100
106 32.9 10.2 50.2

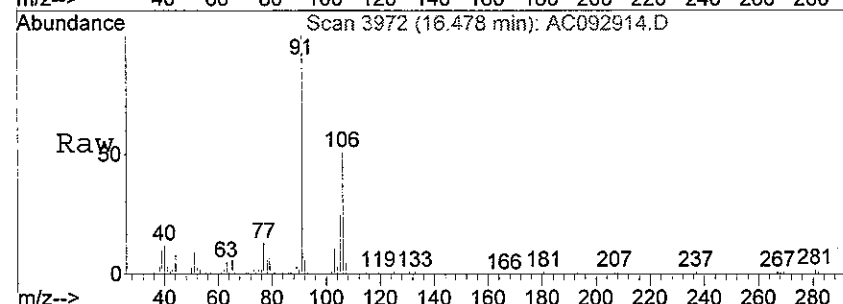


Abundance Ion 91.00 (90.70 to 91.70): AC092914.D
Ion 106.00 (105.70 to 106.70): AC092914.D

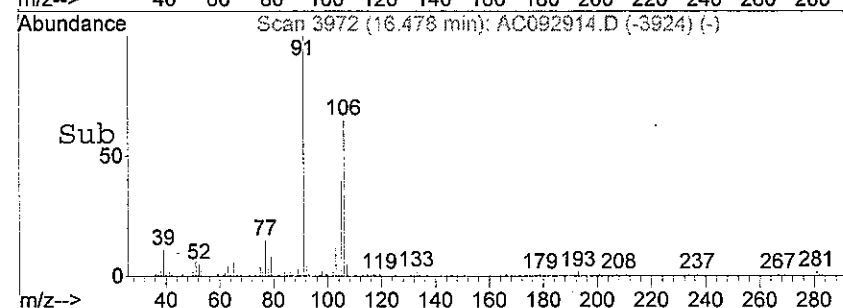
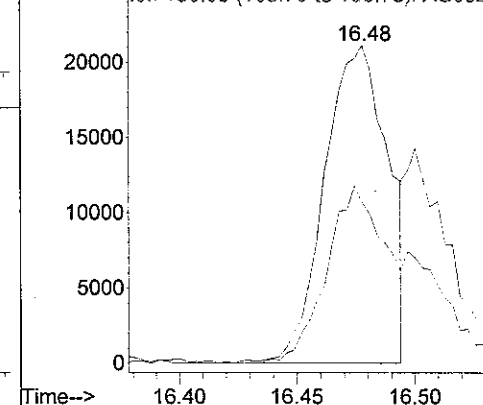


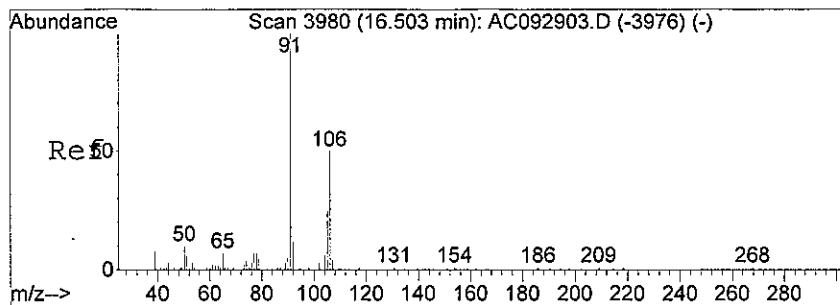
#53
m-xylene
Concen: 0.39 ppb
RT: 16.48 min Scan# 3972
Delta R.T. 0.00 min
Lab File: AC092914.D
Acq: 29 Sep 2005 7:47 pm

Tgt Ion: 91 Resp: 39221
Ion Ratio Lower Upper
91 100
106 52.4 31.7 71.7



Abundance Ion 91.00 (90.70 to 91.70): AC092914.D
Ion 106.00 (105.70 to 106.70): AC092914.D





#54

p-xylene

Concen: 0.18 ppb m

RT: 16.50 min Scan# 3979

Delta R.T. -0.00 min

Lab File: AC092914.D

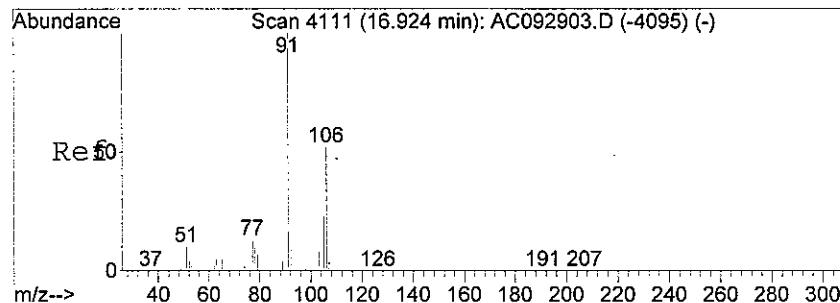
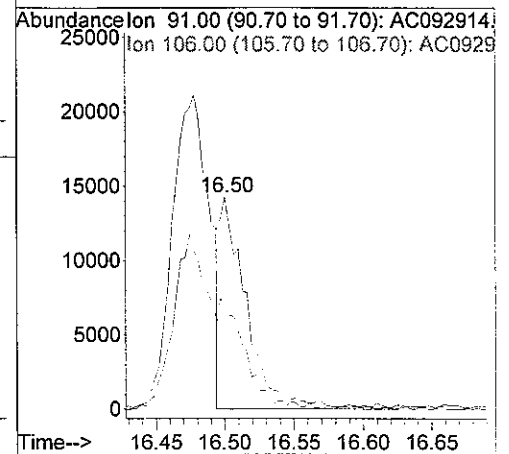
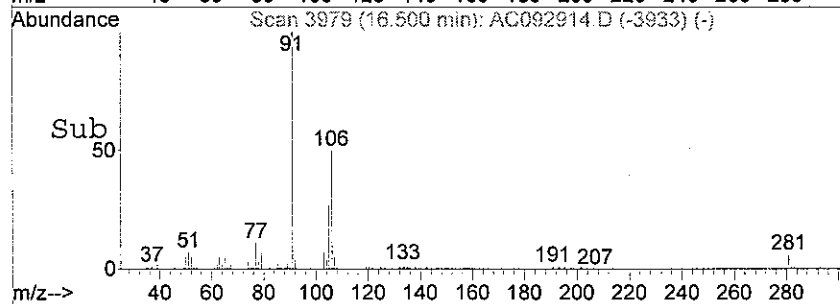
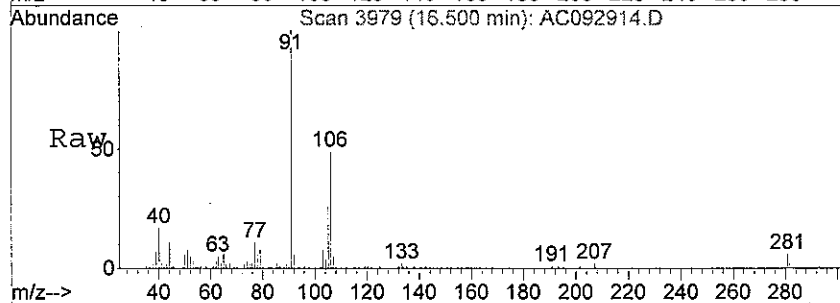
Acq: 29 Sep 2005 7:47 pm

Tgt Ion: 91 Resp: 19980

Ion Ratio Lower Upper

91 100

106 102.8 22.7 62.7#



#57

o-xylene

Concen: 0.28 ppb

RT: 16.93 min Scan# 4113

Delta R.T. 0.00 min

Lab File: AC092914.D

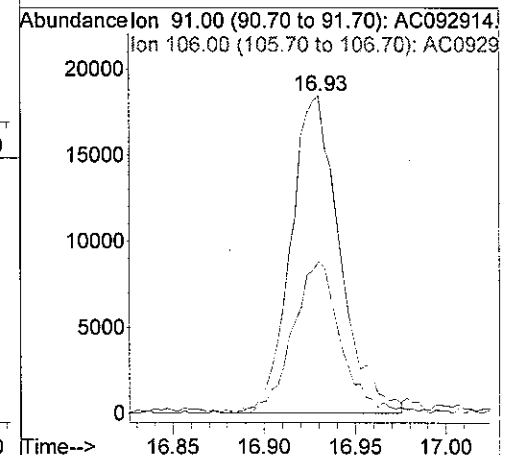
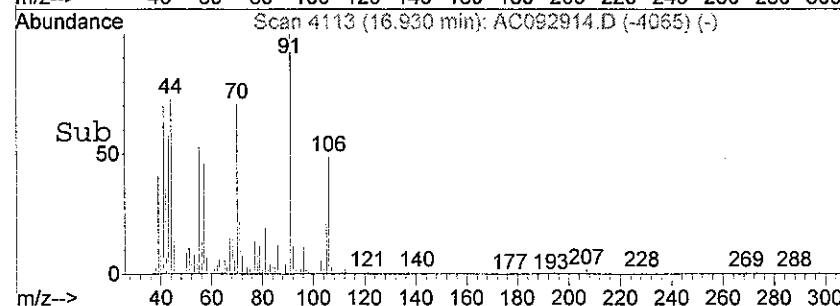
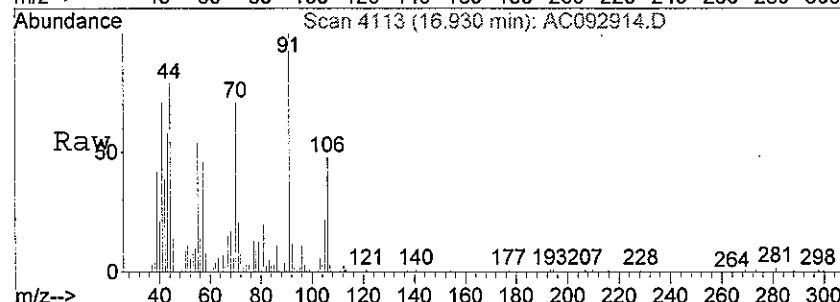
Acq: 29 Sep 2005 7:47 pm

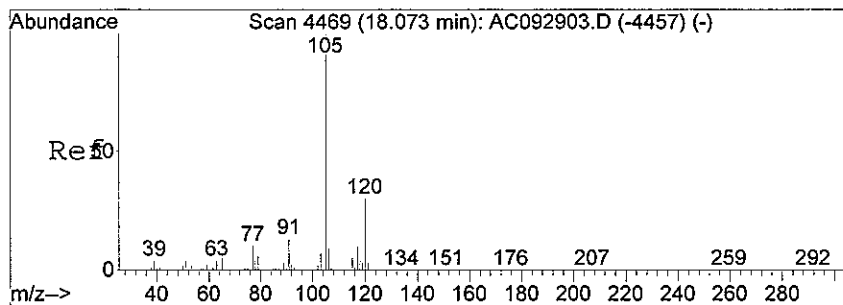
Tgt Ion: 91 Resp: 34423

Ion Ratio Lower Upper

91 100

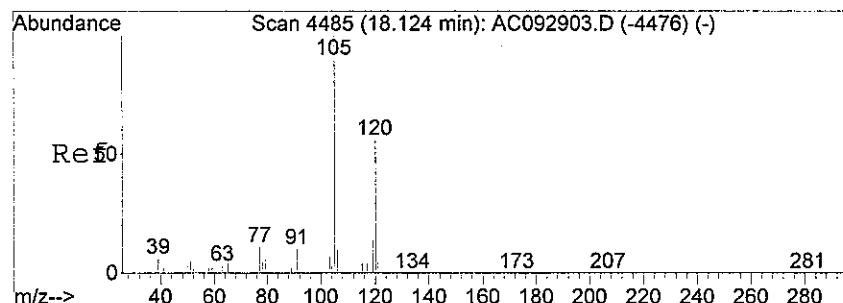
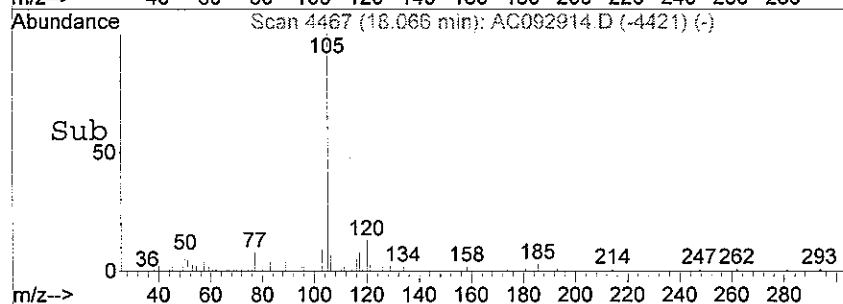
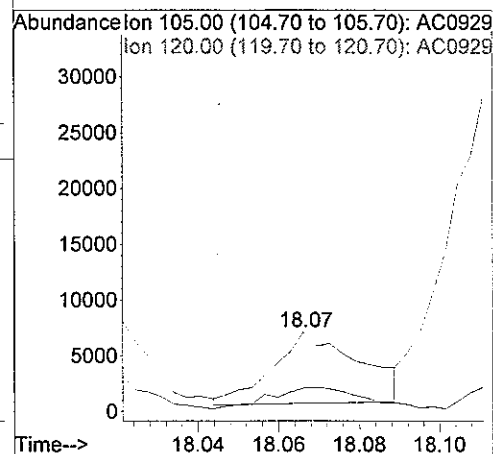
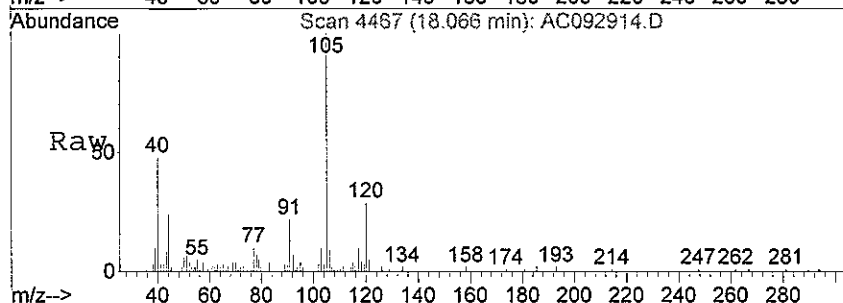
106 46.6 23.8 63.8





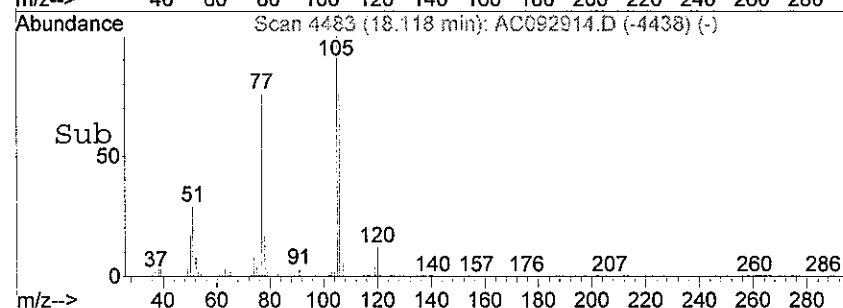
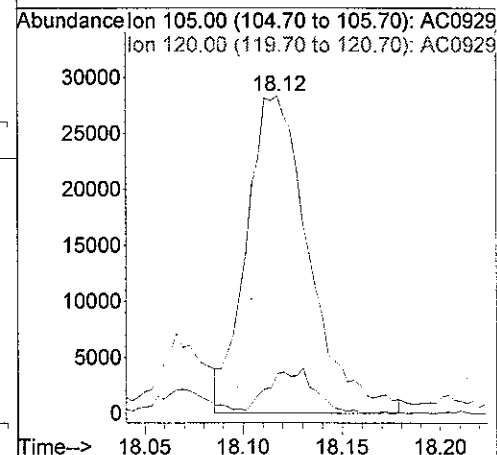
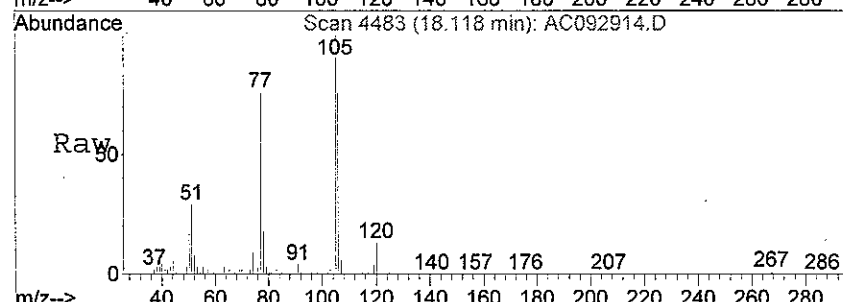
#60
4-ethyltoluene
Concen: 0.11 ppb
RT: 18.07 min Scan# 4467
Delta R.T. -0.00 min
Lab File: AC092914.D
Acq: 29 Sep 2005 7:47 pm

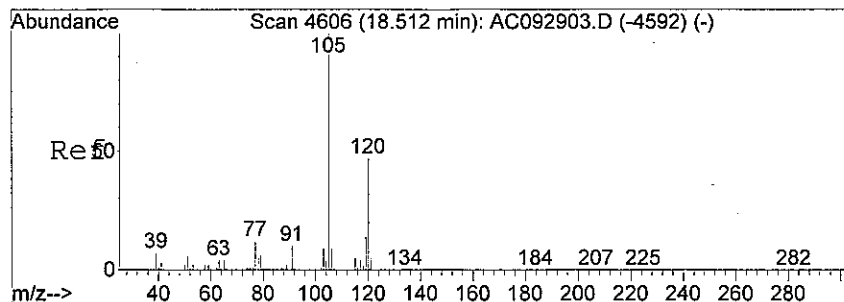
Tgt Ion:105 Resp: 9497
Ion Ratio Lower Upper
105 100
120 39.5 8.6 48.6



#61
1,3,5-trimethylbenzene
Concen: 0.55 ppb m
RT: 18.12 min Scan# 4483
Delta R.T. -0.01 min
Lab File: AC092914.D
Acq: 29 Sep 2005 7:47 pm

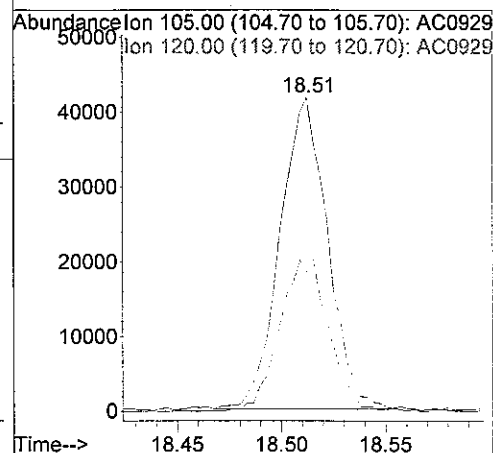
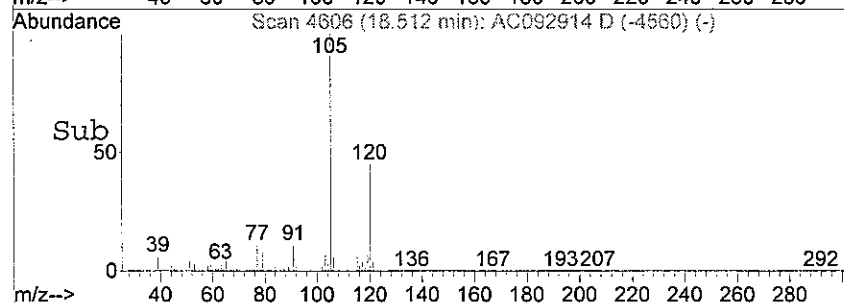
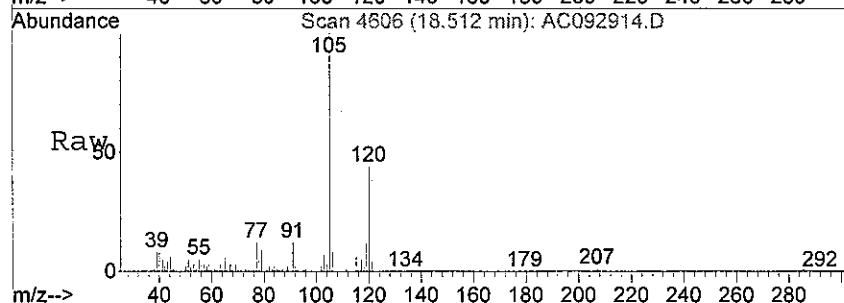
Tgt Ion:105 Resp: 62575
Ion Ratio Lower Upper
105 100
120 5.5 21.5 61.5#





#62
 1,2,4-trimethylbenzene
 Concen: 0.68 ppb
 RT: 18.51 min Scan# 4606
 Delta R.T. -0.00 min
 Lab File: AC092914.D
 Acq: 29 Sep 2005 7:47 pm

Tgt Ion: 105 Resp: 66256
 Ion Ratio Lower Upper
 105 100
 120 50.7 20.9 60.9



Centek Laboratories, LLC

Date: 09-Oct-05

CLIENT: ESC Environmental
Lab Order: C0509018
Project: 127491.05
Lab ID: C0509018-003A

Client Sample ID: RD1SS092205
Tag Number: 171, 124
Collection Date: 9/22/2005
Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15 1UG/M3 W/ 0.25UG/M3 TCE				TO-15		Analyst: RJP
1,1,1-Trichloroethane	0.270	0.150		ppbV	1	9/29/2005
1,1,2,2-Tetrachloroethane	ND	0.150		ppbV	1	9/29/2005
1,1,2-Trichloroethane	ND	0.150		ppbV	1	9/29/2005
1,1-Dichloroethane	ND	0.150		ppbV	1	9/29/2005
1,1-Dichloroethene	ND	0.150		ppbV	1	9/29/2005
1,2,4-Trichlorobenzene	ND	0.150		ppbV	1	9/29/2005
1,2,4-Trimethylbenzene	0.560	0.150		ppbV	1	9/29/2005
1,2-Dibromoethane	ND	0.150		ppbV	1	9/29/2005
1,2-Dichlorobenzene	ND	0.150		ppbV	1	9/29/2005
1,2-Dichloroethane	ND	0.150		ppbV	1	9/29/2005
1,2-Dichloropropane	ND	0.150		ppbV	1	9/29/2005
1,3,5-Trimethylbenzene	0.430	0.150		ppbV	1	9/29/2005
1,3-butadiene	ND	0.150		ppbV	1	9/29/2005
1,3-Dichlorobenzene	ND	0.150		ppbV	1	9/29/2005
1,4-Dichlorobenzene	ND	0.150		ppbV	1	9/29/2005
1,4-Dioxane	ND	0.300		ppbV	1	9/29/2005
2,2,4-trimethylpentane	ND	0.150		ppbV	1	9/29/2005
4-ethyltoluene	0.10	0.150	J	ppbV	1	9/29/2005
Acetone	ND	0.300		ppbV	1	9/29/2005
Allyl chloride	ND	0.150		ppbV	1	9/29/2005
Benzene	0.200	0.150		ppbV	1	9/29/2005
Benzyl chloride	ND	0.150		ppbV	1	9/29/2005
Bromodichloromethane	0.430	0.150		ppbV	1	9/29/2005
Bromoform	ND	0.150		ppbV	1	9/29/2005
Bromomethane	ND	0.150		ppbV	1	9/29/2005
Carbon disulfide	0.430	0.150		ppbV	1	9/29/2005
Carbon tetrachloride	0.12	0.150	J	ppbV	1	9/29/2005
Chlorobenzene	ND	0.150		ppbV	1	9/29/2005
Chloroethane	ND	0.150		ppbV	1	9/29/2005
Chloroform	6.90	1.50		ppbV	10	9/29/2005
Chloromethane	ND	0.150		ppbV	1	9/29/2005
cis-1,2-Dichloroethene	1.03	0.150		ppbV	1	9/29/2005
cis-1,3-Dichloropropene	ND	0.150		ppbV	1	9/29/2005
Cyclohexane	ND	0.150		ppbV	1	9/29/2005
Dibromochloromethane	ND	0.150		ppbV	1	9/29/2005
Ethyl acetate	ND	0.250		ppbV	1	9/29/2005
Ethylbenzene	0.13	0.150	J	ppbV	1	9/29/2005
Freon 11	0.410	0.150		ppbV	1	9/29/2005
Freon 113	1.01	0.150		ppbV	1	9/29/2005
Freon 114	ND	0.150		ppbV	1	9/29/2005

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 at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC
Date: 09-Oct-05

CLIENT: ESC Environmental
Lab Order: C0509018
Project: 127491.05
Lab ID: C0509018-003A

Client Sample ID: RD1SS092205
Tag Number: 171, 124
Collection Date: 9/22/2005
Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15 1UG/M3 W/ 0.25UG/M3 TCE			TO-15		Analyst: RJP	
Freon 12	0.780	0.150		ppbV	1	9/29/2005
Heptane	ND	0.150		ppbV	1	9/29/2005
Hexachloro-1,3-butadiene	ND	0.150		ppbV	1	9/29/2005
Hexane	ND	0.150		ppbV	1	9/29/2005
Isopropyl alcohol	ND	0.150		ppbV	1	9/29/2005
m-Xylene	0.310	0.150		ppbV	1	9/29/2005
Methyl Butyl Ketone	ND	0.300		ppbV	1	9/29/2005
Methyl Ethyl Ketone	ND	0.300		ppbV	1	9/29/2005
Methyl Isobutyl Ketone	ND	0.300		ppbV	1	9/29/2005
Methyl tert-butyl ether	ND	0.150		ppbV	1	9/29/2005
Methylene chloride	ND	0.150		ppbV	1	9/29/2005
o-Xylene	0.300	0.150		ppbV	1	9/29/2005
p-Xylene	0.14	0.150	J	ppbV	1	9/29/2005
Propylene	ND	0.150		ppbV	1	9/29/2005
Styrene	ND	0.150		ppbV	1	9/29/2005
Tetrachloroethylene	1.22	0.150		ppbV	1	9/29/2005
Tetrahydrofuran	ND	0.150		ppbV	1	9/29/2005
Toluene	1.31	0.150		ppbV	1	9/29/2005
trans-1,2-Dichloroethene	ND	0.150		ppbV	1	9/29/2005
trans-1,3-Dichloropropene	ND	0.150		ppbV	1	9/29/2005
Trichloroethene	2.50	0.400		ppbV	10	9/29/2005
Vinyl acetate	ND	0.150		ppbV	1	9/29/2005
Vinyl Bromide	ND	0.150		ppbV	1	9/29/2005
Vinyl chloride	ND	0.150		ppbV	1	9/29/2005
Surr: Bromofluorobenzene	98.0	70-130		%REC	1	9/29/2005

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 at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 09-Oct-05

CLIENT: ESC Environmental
Lab Order: C0509018
Project: 127491.05
Lab ID: C0509018-003A

Client Sample ID: RD1SS092205
Tag Number: 171, 124
Collection Date: 9/22/2005
Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15 1UG/M3 W/ 0.25UG/M3 TCE				TO-15		Analyst: RJP
1,1,1-Trichloroethane	1.50	0.832		ug/m3	1	9/29/2005
1,1,2,2-Tetrachloroethane	ND	1.05		ug/m3	1	9/29/2005
1,1,2-Trichloroethane	ND	0.832		ug/m3	1	9/29/2005
1,1-Dichloroethane	ND	0.617		ug/m3	1	9/29/2005
1,1-Dichloroethene	ND	0.605		ug/m3	1	9/29/2005
1,2,4-Trichlorobenzene	ND	1.13		ug/m3	1	9/29/2005
1,2,4-Trimethylbenzene	2.80	0.749		ug/m3	1	9/29/2005
1,2-Dibromoethane	ND	1.17		ug/m3	1	9/29/2005
1,2-Dichlorobenzene	ND	0.917		ug/m3	1	9/29/2005
1,2-Dichloroethane	ND	0.617		ug/m3	1	9/29/2005
1,2-Dichloropropane	ND	0.705		ug/m3	1	9/29/2005
1,3,5-Trimethylbenzene	2.15	0.750		ug/m3	1	9/29/2005
1,3-butadiene	ND	0.337		ug/m3	1	9/29/2005
1,3-Dichlorobenzene	ND	0.917		ug/m3	1	9/29/2005
1,4-Dichlorobenzene	ND	0.917		ug/m3	1	9/29/2005
1,4-Dioxane	ND	1.10		ug/m3	1	9/29/2005
2,2,4-trimethylpentane	ND	0.712		ug/m3	1	9/29/2005
4-ethyltoluene	0.500	0.750	J	ug/m3	1	9/29/2005
Acetone	ND	0.724		ug/m3	1	9/29/2005
Allyl chloride	ND	0.477		ug/m3	1	9/29/2005
Benzene	0.649	0.487		ug/m3	1	9/29/2005
Benzyl chloride	ND	0.877		ug/m3	1	9/29/2005
Bromodichloromethane	2.93	1.02		ug/m3	1	9/29/2005
Bromoform	ND	1.58		ug/m3	1	9/29/2005
Bromomethane	ND	0.592		ug/m3	1	9/29/2005
Carbon disulfide	1.36	0.475		ug/m3	1	9/29/2005
Carbon tetrachloride	0.767	0.959	J	ug/m3	1	9/29/2005
Chlorobenzene	ND	0.702		ug/m3	1	9/29/2005
Chloroethane	ND	0.402		ug/m3	1	9/29/2005
Chloroform	34.2	7.44		ug/m3	10	9/29/2005
Chloromethane	ND	0.315		ug/m3	1	9/29/2005
cis-1,2-Dichloroethene	4.15	0.604		ug/m3	1	9/29/2005
cis-1,3-Dichloropropene	ND	0.692		ug/m3	1	9/29/2005
Cyclohexane	ND	0.525		ug/m3	1	9/29/2005
Dibromochloromethane	ND	1.30		ug/m3	1	9/29/2005
Ethyl acetate	ND	0.916		ug/m3	1	9/29/2005
Ethylbenzene	0.574	0.662	J	ug/m3	1	9/29/2005
Freon 11	2.34	0.857		ug/m3	1	9/29/2005
Freon 113	7.87	1.17		ug/m3	1	9/29/2005
Freon 114	ND	1.07		ug/m3	1	9/29/2005

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 at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 09-Oct-05

CLIENT: ESC Environmental
 Lab Order: C0509018
 Project: 127491.05
 Lab ID: C0509018-003A

Client Sample ID: RD1SS092205
 Tag Number: 171, 124
 Collection Date: 9/22/2005
 Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15 1UG/M3 W/ 0.25UG/M3 TCE		TO-15		Analyst: RJP		
Freon 12	3.92	0.754		ug/m3	1	9/29/2005
Heptane	ND	0.625		ug/m3	1	9/29/2005
Hexachloro-1,3-butadiene	ND	1.63		ug/m3	1	9/29/2005
Hexane	ND	0.537		ug/m3	1	9/29/2005
Isopropyl alcohol	ND	0.375		ug/m3	1	9/29/2005
m-Xylene	1.37	0.662		ug/m3	1	9/29/2005
Methyl Butyl Ketone	ND	1.25		ug/m3	1	9/29/2005
Methyl Ethyl Ketone	ND	0.899		ug/m3	1	9/29/2005
Methyl Isobutyl Ketone	ND	1.25		ug/m3	1	9/29/2005
Methyl tert-butyl ether	ND	0.550		ug/m3	1	9/29/2005
Methylene chloride	ND	0.530		ug/m3	1	9/29/2005
o-Xylene	1.32	0.662		ug/m3	1	9/29/2005
p-Xylene	0.618	0.662	J	ug/m3	1	9/29/2005
Propylene	ND	0.262		ug/m3	1	9/29/2005
Styrene	ND	0.649		ug/m3	1	9/29/2005
Tetrachloroethylene	8.41	1.03		ug/m3	1	9/29/2005
Tetrahydrofuran	ND	0.450		ug/m3	1	9/29/2005
Toluene	5.02	0.575		ug/m3	1	9/29/2005
trans-1,2-Dichloroethene	ND	0.604		ug/m3	1	9/29/2005
trans-1,3-Dichloropropene	ND	0.692		ug/m3	1	9/29/2005
Trichloroethene	13.7	2.18		ug/m3	10	9/29/2005
Vinyl acetate	ND	0.537		ug/m3	1	9/29/2005
Vinyl Bromide	ND	0.667		ug/m3	1	9/29/2005
Vinyl chloride	ND	0.390		ug/m3	1	9/29/2005

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 at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Data File : C:\MSDCHEM\1\DATA\AC092918.D

Vial: 6

Acq On : 30 Sep 2005 12:47 am

Operator: RJP

Sample : C0509018-003A

Inst : MSD #1

Misc : C0509018-003A

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Sep 30 01:10:36 2005

Quant Results File: A905_1UT.RES

Quant Method : C:\MSDCHEM\1\METHODS\A905_1UT.M (RTE Integrator)

Title : TO-15 VOA Standards for 5 point calibration

Last Update : Tue Sep 06 13:55:05 2005

Response via : Initial Calibration

DataAcq Meth : A905_1UT

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	9.27	128	23561m <i>P</i>	1.00	ppb	-0.01
30) 1,4-difluorobenzene	11.58	114	73713	1.00	ppb	0.00
44) Chlorobenzene-d5	16.03	117	80176	1.00	ppb	0.00

System Monitoring Compounds

58) Bromofluorobenzene	17.53	95	39942	0.98	ppb	0.00
Spiked Amount	1.000	Range	70 - 130	Recovery	=	98.00%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Freon 12	3.92	85	59987	0.78	ppb	95
11) Freon 11	5.44	101	41167	0.41	ppb	96
15) Freon 113	6.35	101	70739	1.01	ppb	# 83
18) Carbon disulfide	6.74	76	43472	0.43	ppb	86
24) cis-1,2-dichloroethene	8.84	61	27491	1.03	ppb	# 59
27) Chloroform	9.43	83	389040	6.41	ppb	100
31) 1,1,1-trichloroethane	10.23	97	14037m <i>P</i>	0.27	ppb	
33) Carbon tetrachloride	10.90	117	7686	0.12	ppb	99
34) Benzene	10.86	78	13146	0.20	ppb	61
38) Trichloroethene	12.21	130	108891	2.72	ppb	# 89
40) Bromodichloromethane	12.63	83	21670	0.43	ppb	99
45) Toluene	14.20	92	72020	1.31	ppb	96
50) Tetrachloroethylene	15.17	164	53749	1.22	ppb	98
52) Ethylbenzene	16.31	91	13206	0.13	ppb	92
53) m-xylene	16.47	91	25425m <i>P</i>	0.31	ppb	
54) p-xylene	16.49	91	12374m <i>J</i>	0.14	ppb	
57) o-xylene	16.92	91	29195	0.30	ppb	88
60) 4-ethyltoluene	18.07	105	6590	0.10	ppb	85
61) 1,3,5-trimethylbenzene	18.12	105	39791	0.43	ppb	76
62) 1,2,4-trimethylbenzene	18.51	105	44214	0.56	ppb	87

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

AC092918.D A905_1UT.M

Sun Oct 09 14:18:35 2005

MSA

Page 1

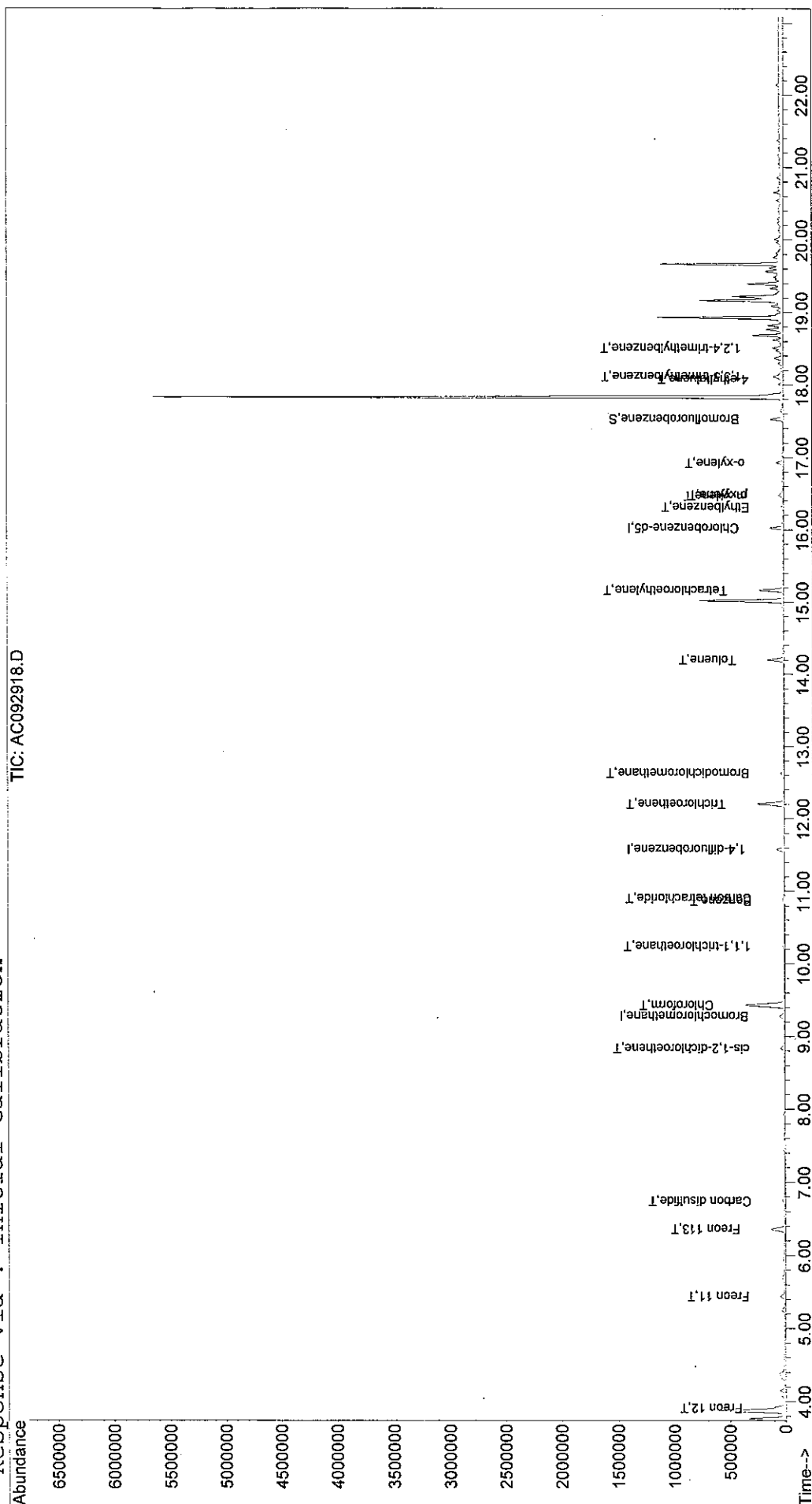
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Acq On : 30 Sep 2005 12:47 am
Sample : C0509018-003A
Misc : C0509018-003A
MS Integration Params: RTEINT.P
Quant Time: Sep 30 8:00 2005

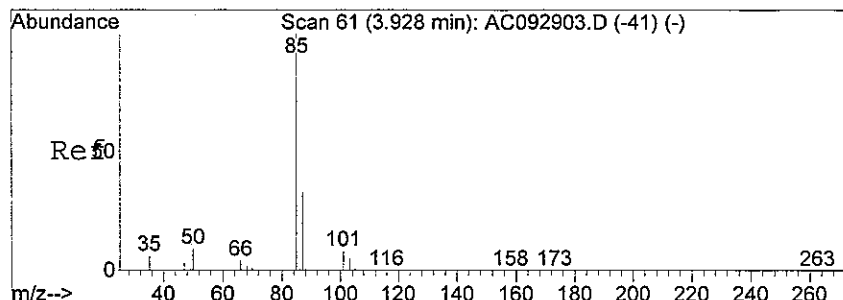
Vial: 6
Operator: RJP
Inst : MSD #1
Multiplr: 1.00

Quant Results File: A905_1UT.RES

Method : C:\MSDCHEM\1\METHODS\A905_1UT.M (RTE Integrator)
Title : TO-15 VOA Standards for 5 point calibration
Last Update : Sun Oct 09 14:17:27 2005
Response via : Initial Calibration

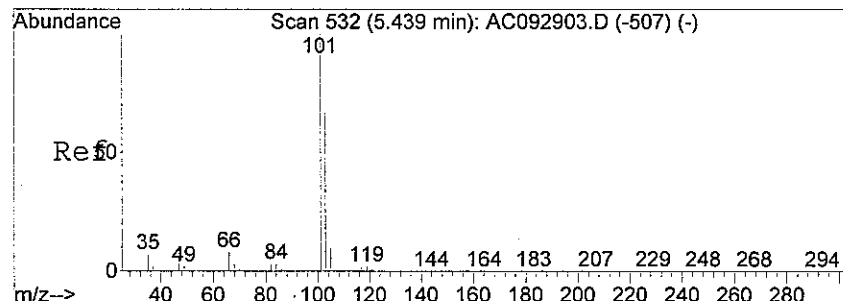
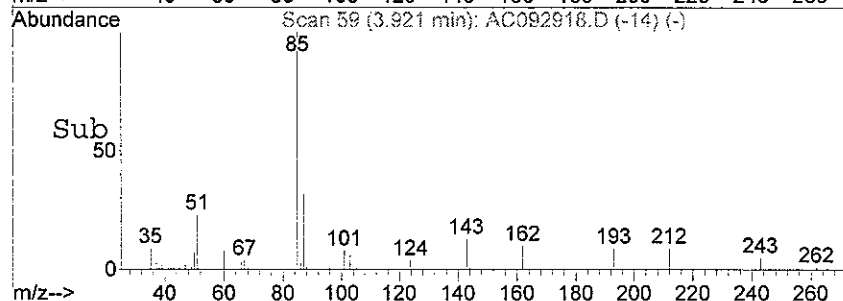
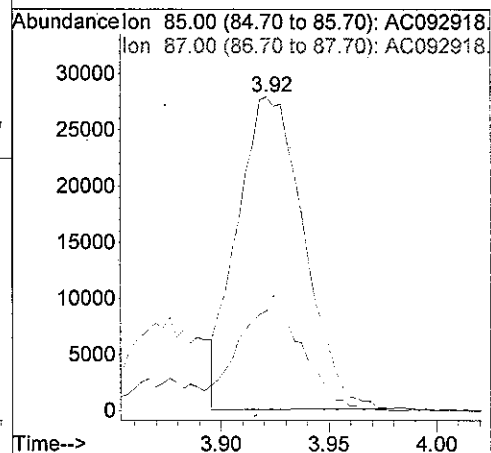
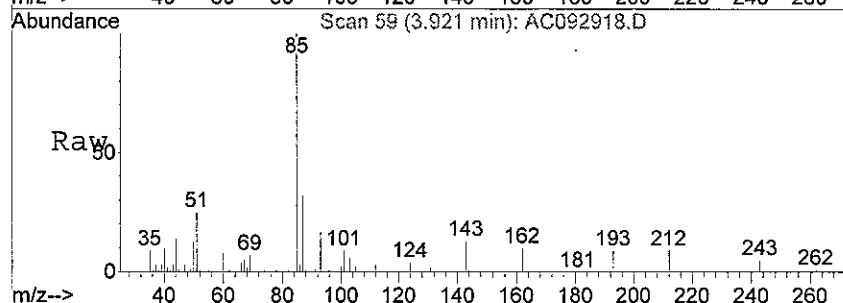
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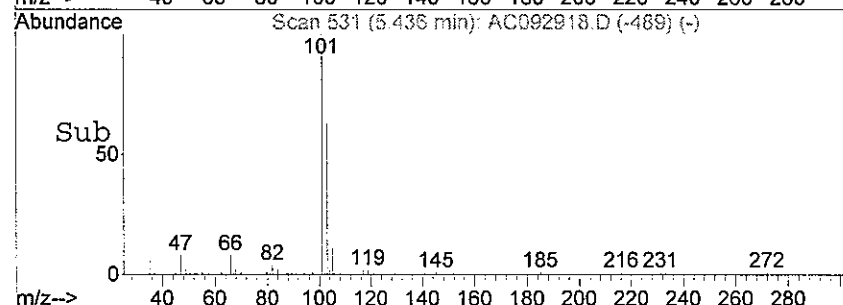
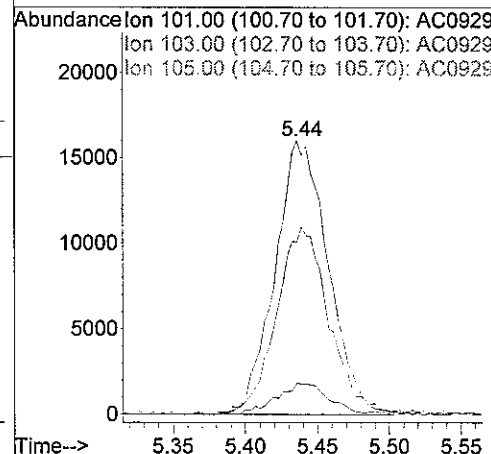
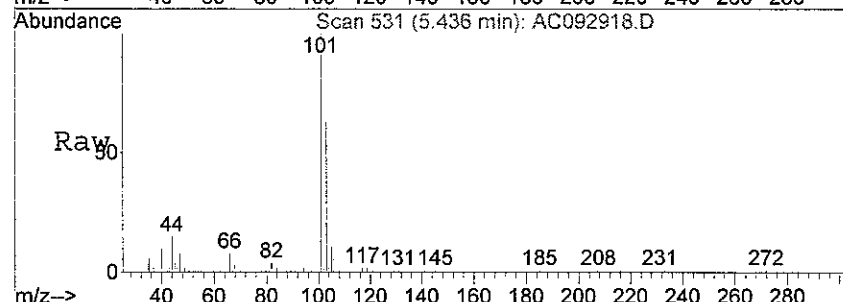
#3
 Freon 12
 Concen: 0.78 ppb
 RT: 3.92 min Scan# 59
 Delta R.T. -0.01 min
 Lab File: AC092918.D
 Acq: 30 Sep 2005 12:47 am

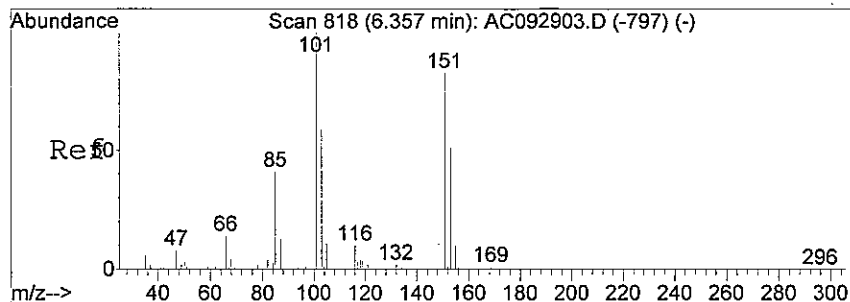
Tgt Ion: 85 Resp: 59987
 Ion Ratio Lower Upper
 85 100
 87 34.8 12.1 52.1



#11
 Freon 11
 Concen: 0.41 ppb
 RT: 5.44 min Scan# 531
 Delta R.T. -0.02 min
 Lab File: AC092918.D
 Acq: 30 Sep 2005 12:47 am

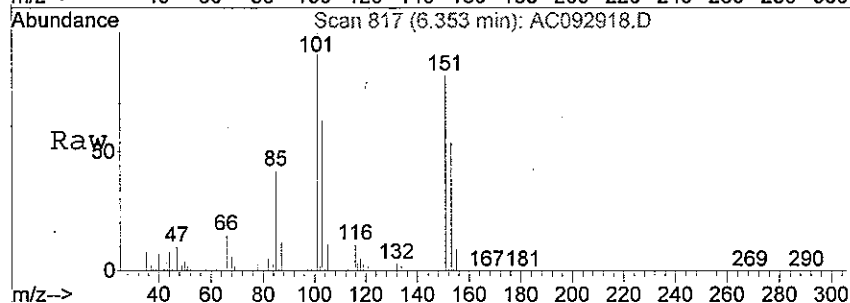
Tgt Ion: 101 Resp: 41167
 Ion Ratio Lower Upper
 101 100
 103 67.0 43.4 83.4
 105 11.0 0.0 30.9



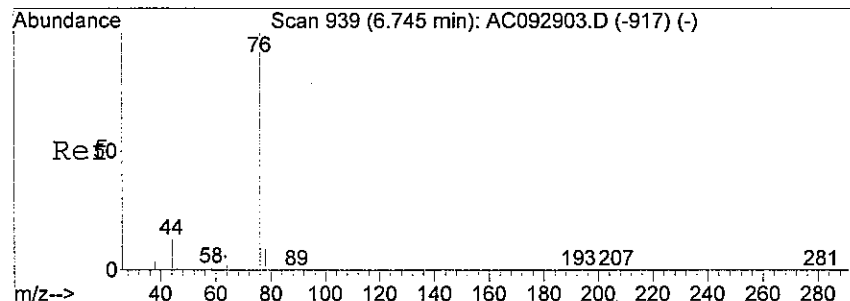
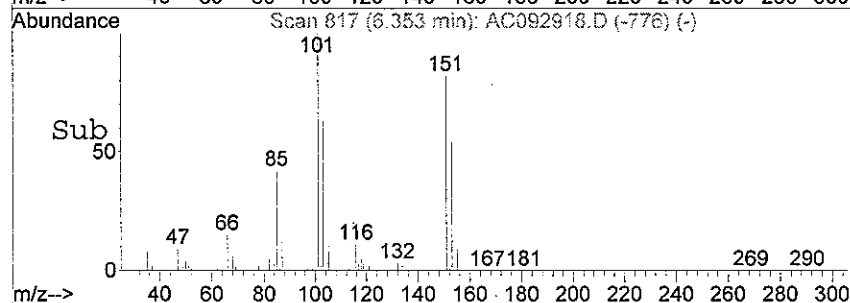
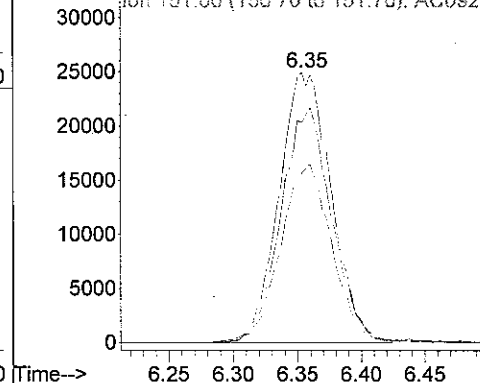


#15
 Freon 113
 Concen: 1.01 ppb
 RT: 6.35 min Scan# 817
 Delta R.T. -0.02 min
 Lab File: AC092918.D
 Acq: 30 Sep 2005 12:47 am

Tgt Ion	Ratio	Lower	Upper
101	100		
103	64.4	13.9	53.9#
151	84.2	66.6	106.6

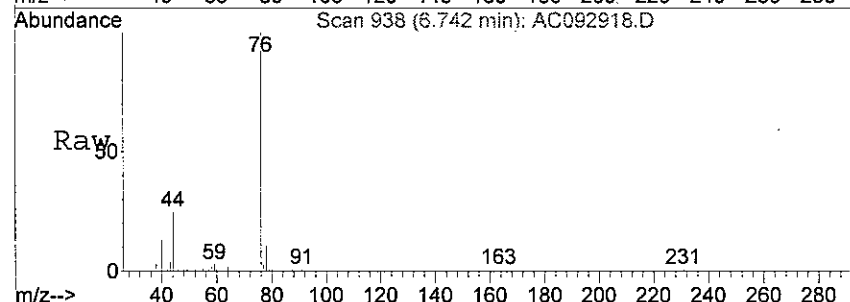


Abundance Ion 101.00 (100.70 to 101.70): AC092918.D
 Ion 103.00 (102.70 to 103.70): AC092918.D
 Ion 151.00 (150.70 to 151.70): AC092918.D

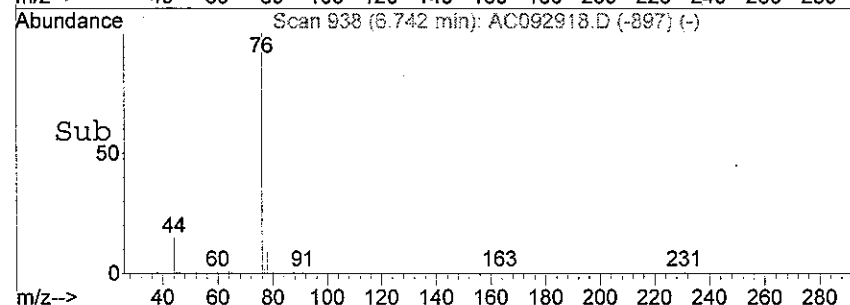
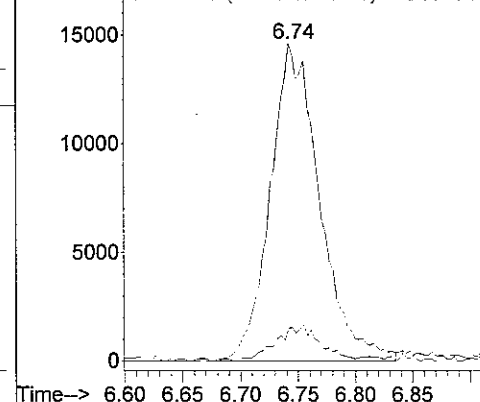


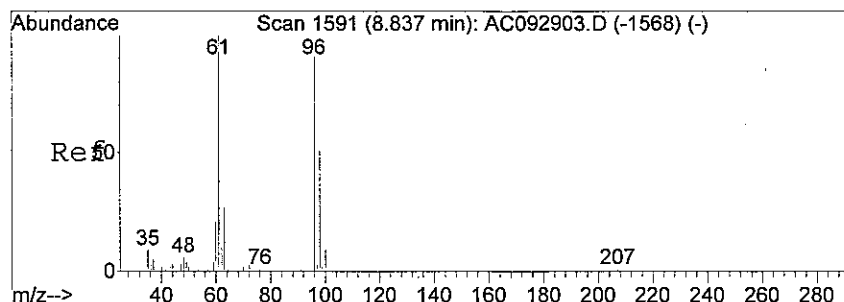
#18
 Carbon disulfide
 Concen: 0.43 ppb
 RT: 6.74 min Scan# 938
 Delta R.T. -0.02 min
 Lab File: AC092918.D
 Acq: 30 Sep 2005 12:47 am

Tgt Ion	Ratio	Lower	Upper
76	100		
78	5.0	0.0	30.2



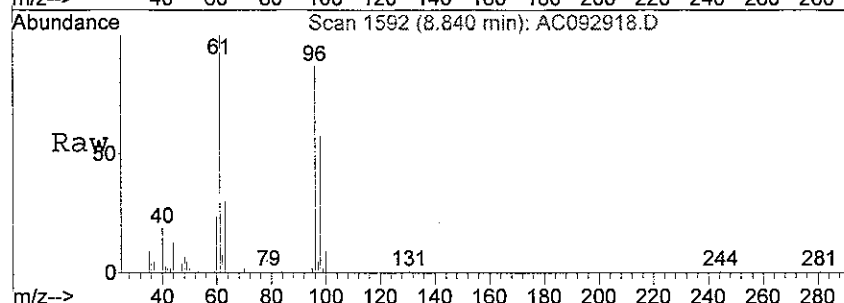
Abundance Ion 76.00 (75.70 to 76.70): AC092918.D
 Ion 78.00 (77.70 to 78.70): AC092918.D



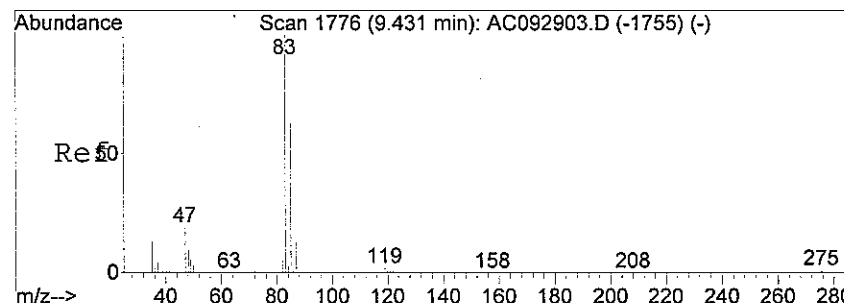
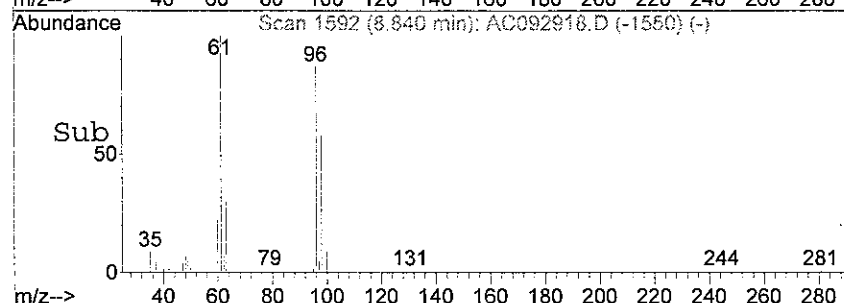
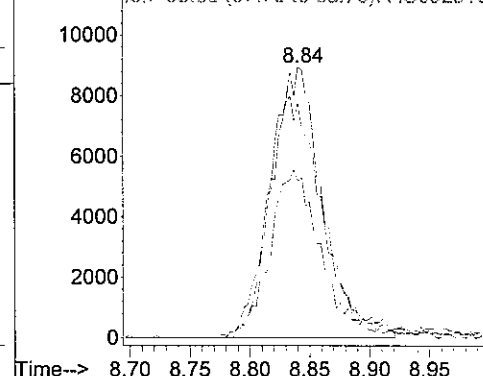


#24
 cis-1,2-dichloroethene
 Concen: 1.03 ppb
 RT: 8.84 min Scan# 1592
 Delta R.T. -0.02 min
 Lab File: AC092918.D
 Acq: 30 Sep 2005 12:47 am

Tgt Ion: 61 Resp: 27491
 Ion Ratio Lower Upper
 61 100
 96 88.5 36.1 76.1#
 98 59.6 18.1 58.1#

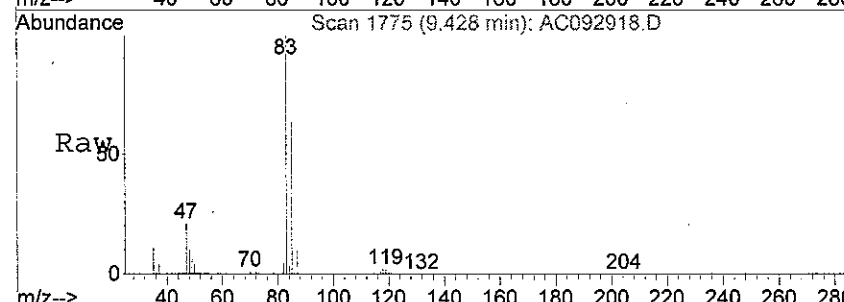


Abundance Ion 61.00 (60.70 to 61.70): AC092918.D
 12000 Ion 96.00 (95.70 to 96.70): AC092918.D
 10000 Ion 98.00 (97.70 to 98.70): AC092918.D

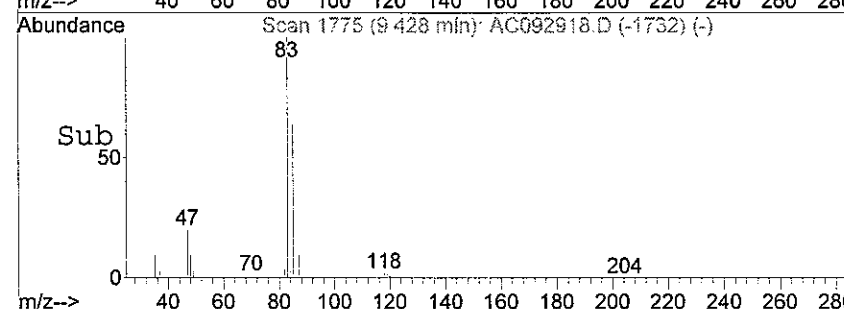
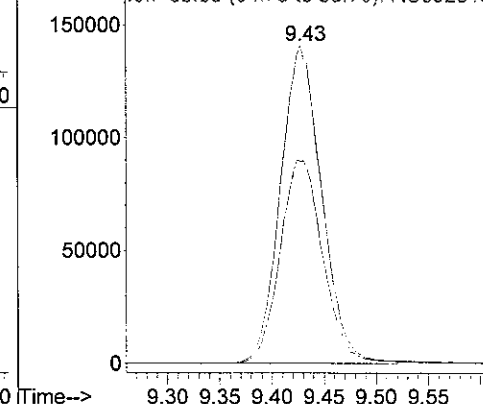


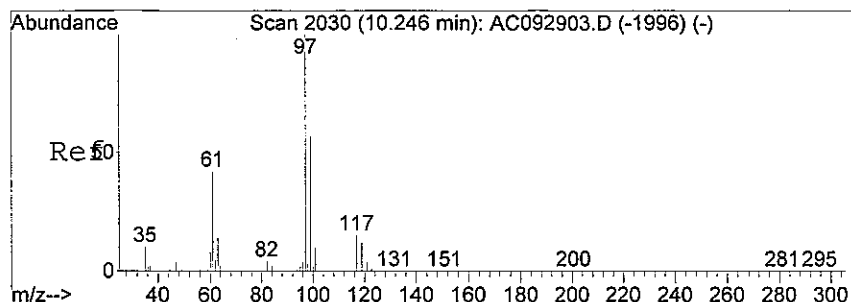
#27
 Chloroform
 Concen: 6.41 ppb
 RT: 9.43 min Scan# 1775
 Delta R.T. -0.01 min
 Lab File: AC092918.D
 Acq: 30 Sep 2005 12:47 am

Tgt Ion: 83 Resp: 389040
 Ion Ratio Lower Upper
 83 100
 85 66.6 46.2 86.2



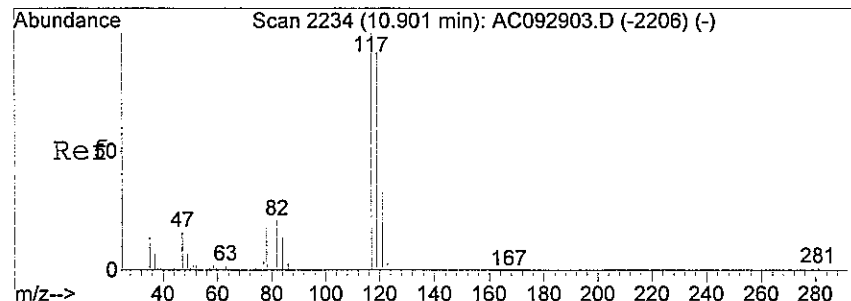
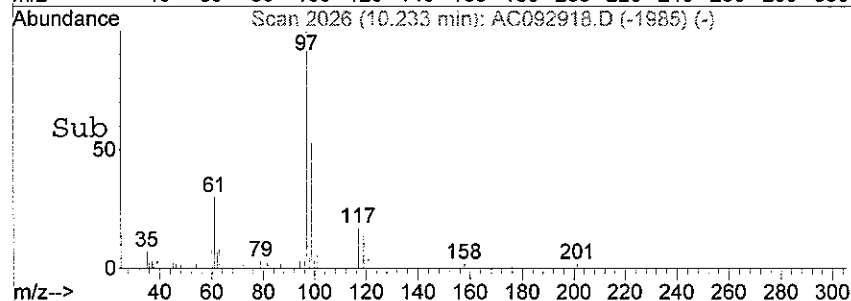
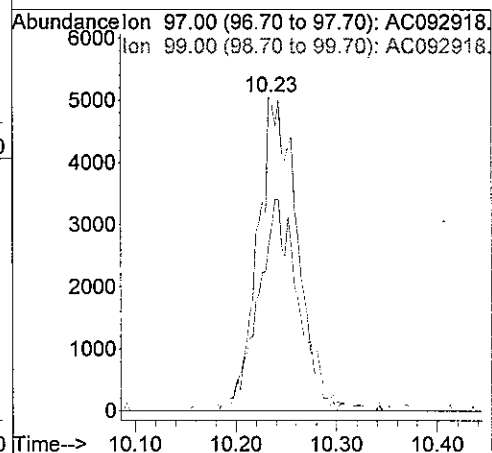
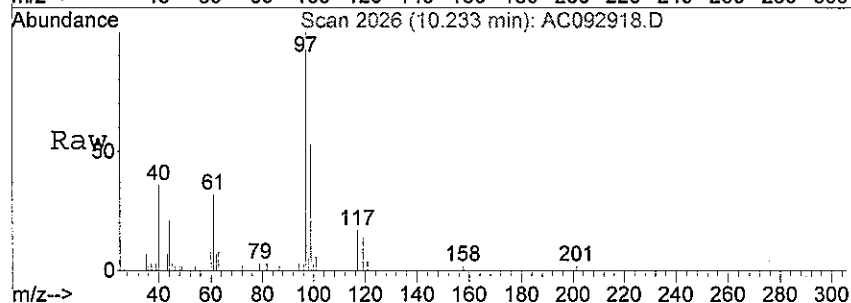
Abundance Ion 83.00 (82.70 to 83.70): AC092918.D
 150000 Ion 85.00 (84.70 to 85.70): AC092918.D





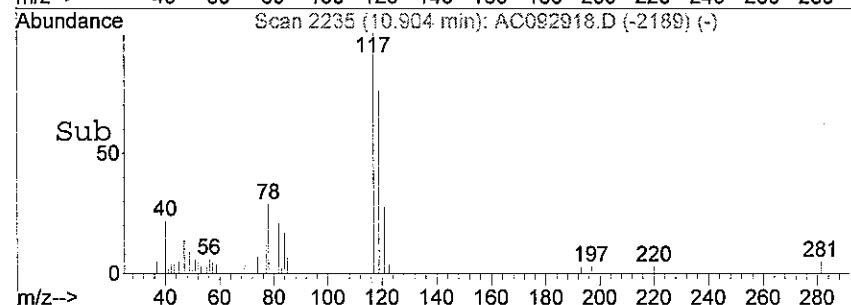
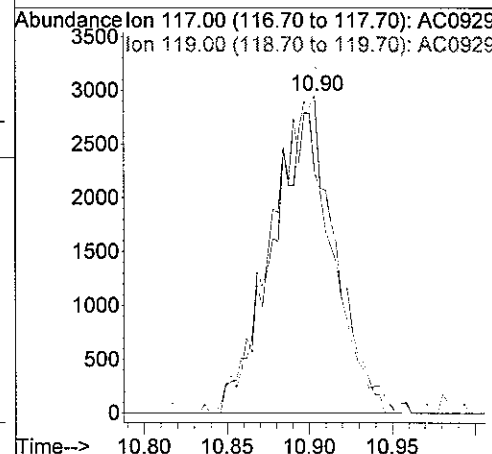
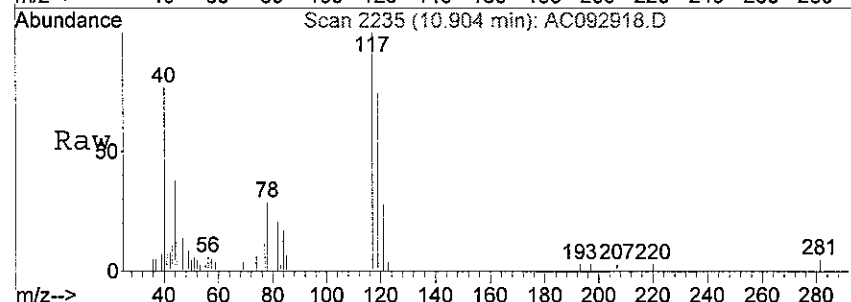
#31
1,1,1-trichloroethane
Concen: 0.27 ppb m
RT: 10.23 min Scan# 2026
Delta R.T. -0.02 min
Lab File: AC092918.D
Acq: 30 Sep 2005 12:47 am

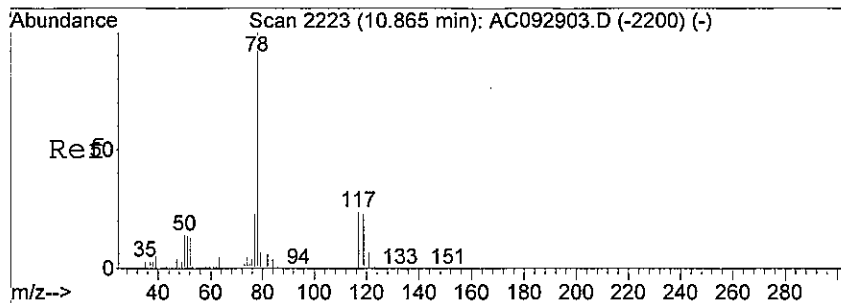
Tgt Ion: 97 Resp: 14037
Ion Ratio Lower Upper
97 100
99 42.6 44.7 84.7#



#33
Carbon tetrachloride
Concen: 0.12 ppb
RT: 10.90 min Scan# 2235
Delta R.T. -0.00 min
Lab File: AC092918.D
Acq: 30 Sep 2005 12:47 am

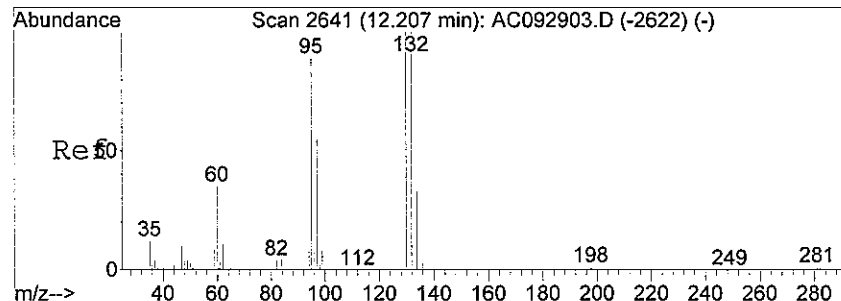
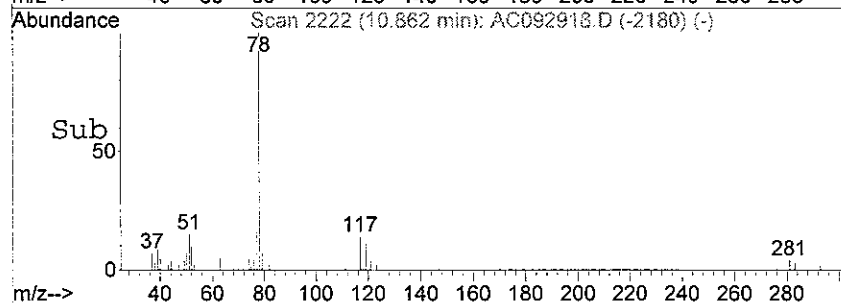
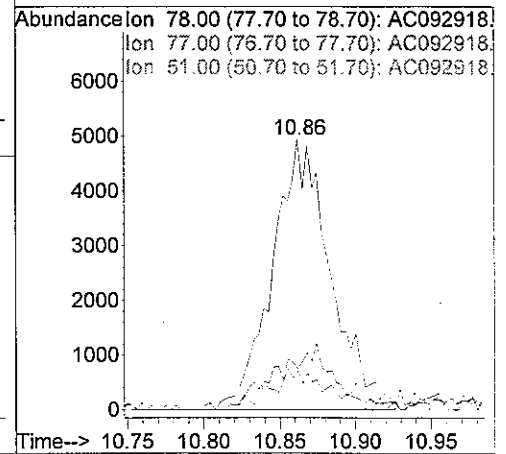
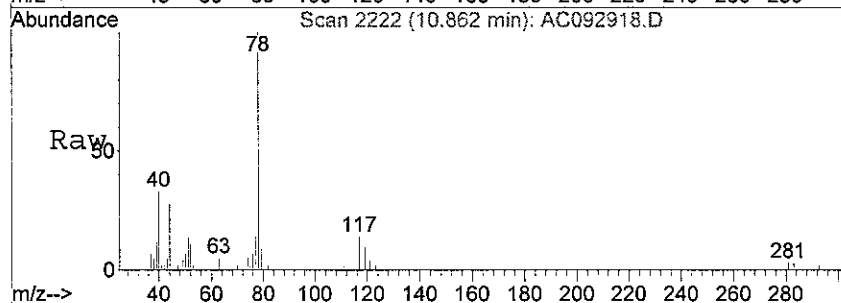
Tgt Ion: 117 Resp: 7686
Ion Ratio Lower Upper
117 100
119 96.6 75.9 115.9





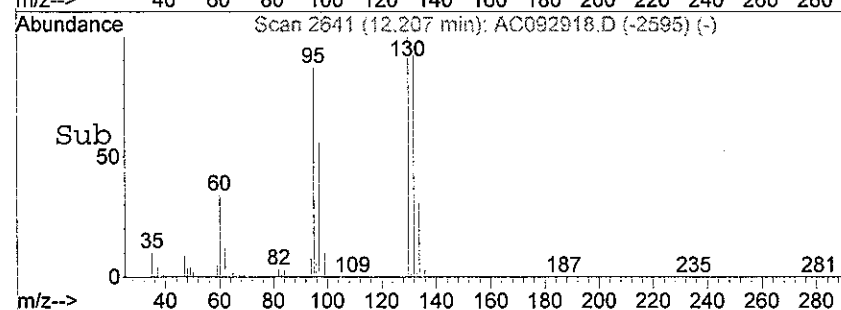
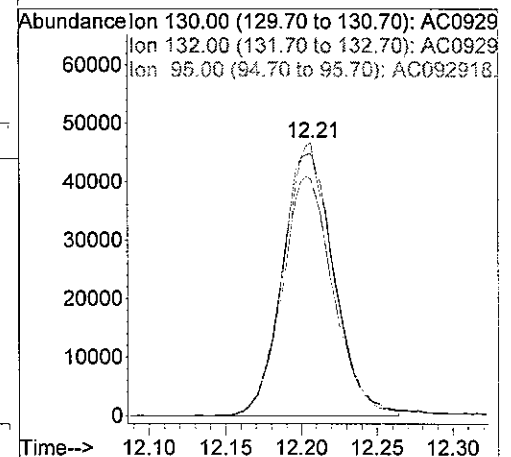
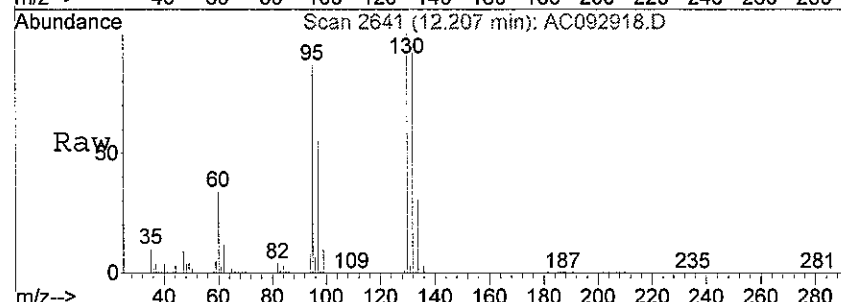
#34
Benzene
Concen: 0.20 ppb
RT: 10.86 min Scan# 2222
Delta R.T. -0.02 min
Lab File: AC092918.D
Acq: 30 Sep 2005 12:47 am

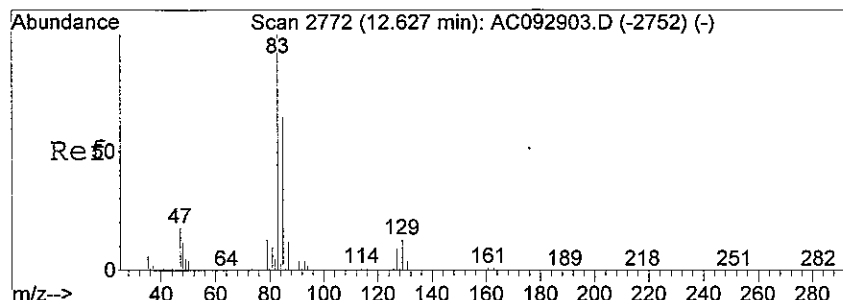
Tgt Ion: 78 Resp: 13146
Ion Ratio Lower Upper
78 100
77 3.7 3.1 43.1
51 6.3 5.7 45.7



#38
Trichloroethene
Concen: 2.72 ppb
RT: 12.21 min Scan# 2641
Delta R.T. -0.00 min
Lab File: AC092918.D
Acq: 30 Sep 2005 12:47 am

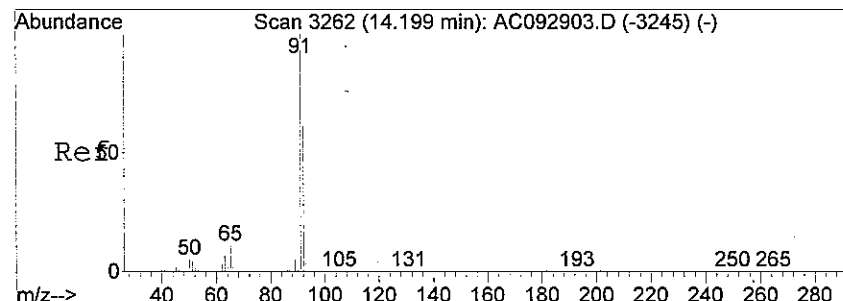
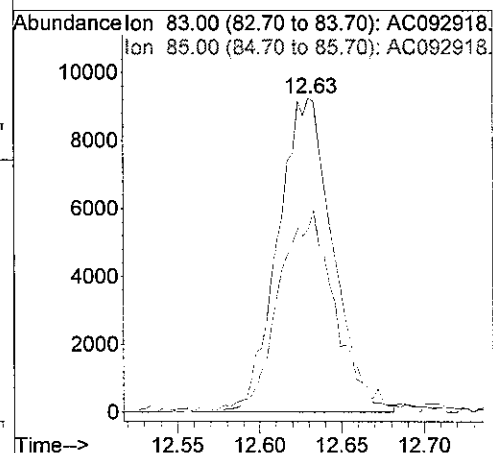
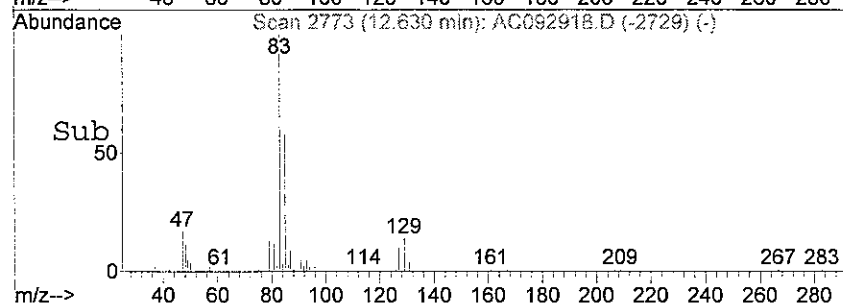
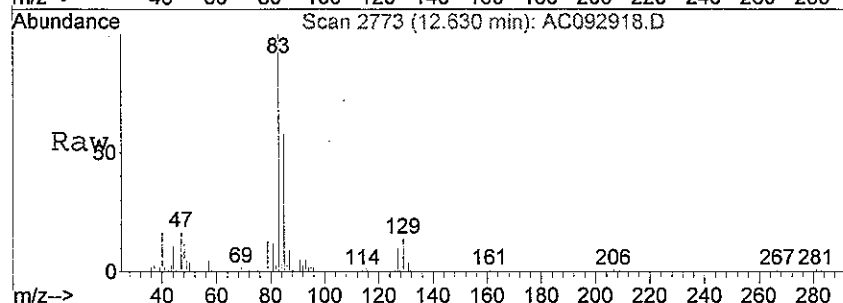
Tgt Ion: 130 Resp: 108891
Ion Ratio Lower Upper
130 100
132 98.7 76.8 116.8
95 89.7 89.8 129.8#





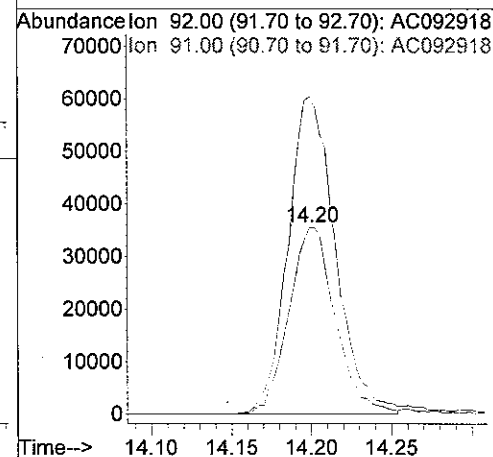
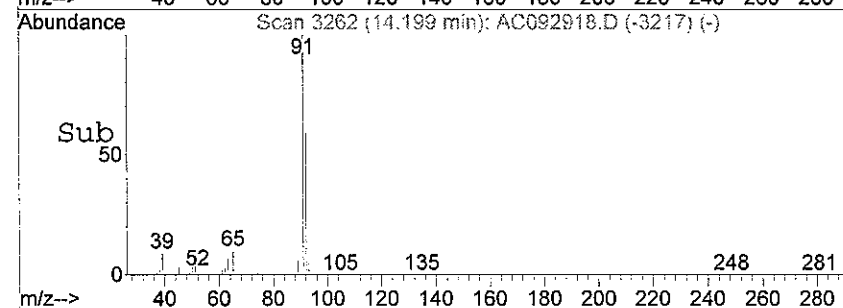
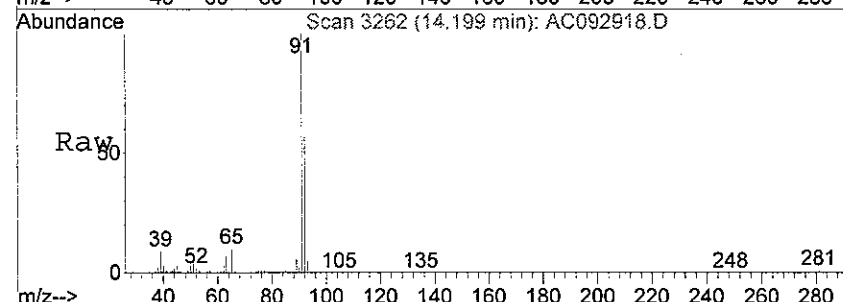
#40
Bromodichloromethane
Concen: 0.43 ppb
RT: 12.63 min Scan# 2773
Delta R.T. -0.01 min
Lab File: AC092918.D
Acq: 30 Sep 2005 12:47 am

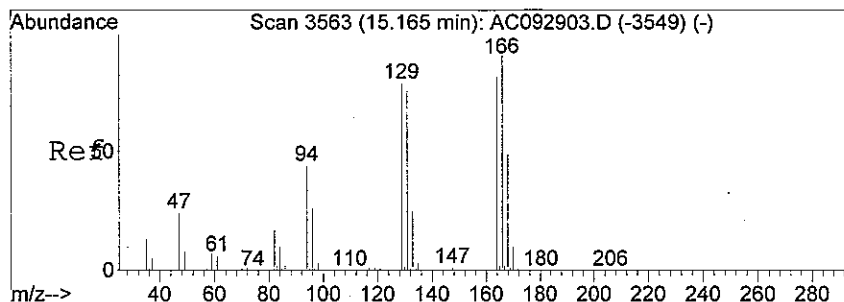
Tgt Ion: 83 Resp: 21670
Ion Ratio Lower Upper
83 100
85 64.5 44.9 84.9



#45
Toluene
Concen: 1.31 ppb
RT: 14.20 min Scan# 3262
Delta R.T. -0.01 min
Lab File: AC092918.D
Acq: 30 Sep 2005 12:47 am

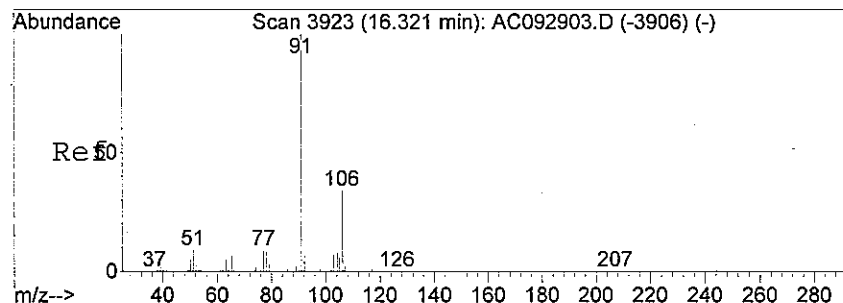
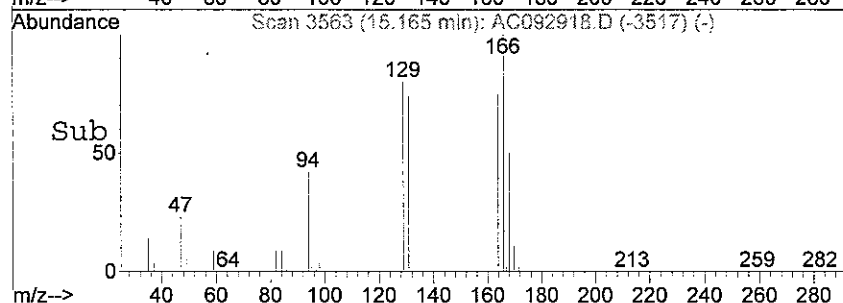
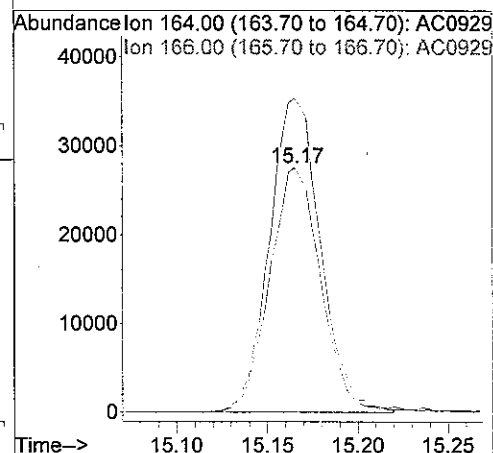
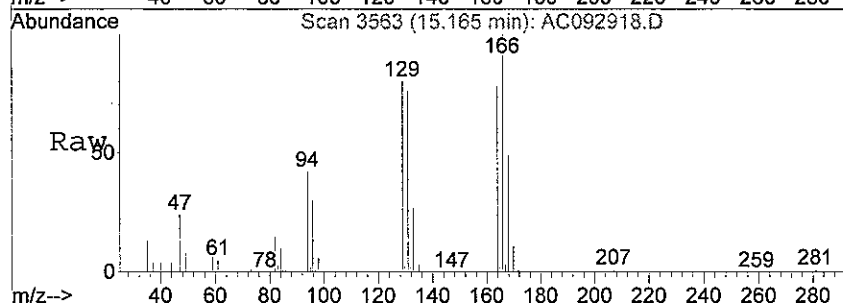
Tgt Ion: 92 Resp: 72020
Ion Ratio Lower Upper
92 100
91 175.9 151.0 191.0





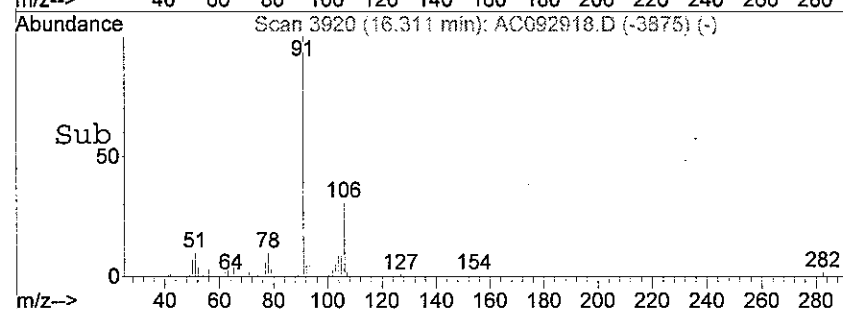
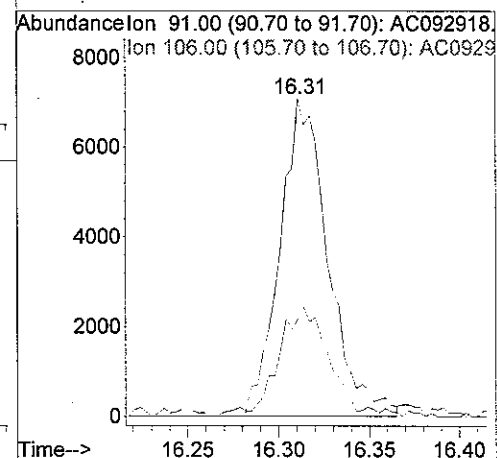
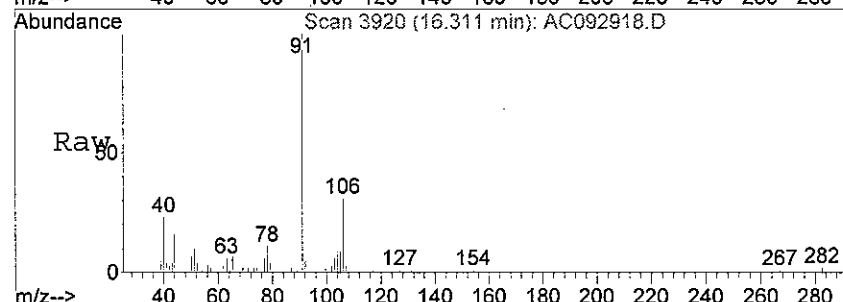
#50
Tetrachloroethylene
Concen: 1.22 ppb
RT: 15.17 min Scan# 3563
Delta R.T. -0.00 min
Lab File: AC092918.D
Acq: 30 Sep 2005 12:47 am

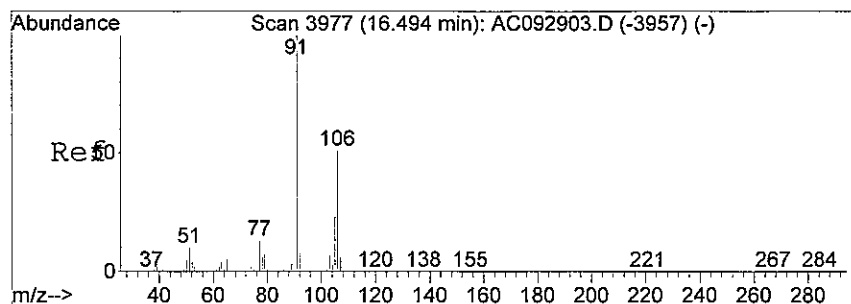
Tgt Ion: 164 Resp: 53749
Ion Ratio Lower Upper
164 100
166 128.9 106.8 146.8



#52
Ethylbenzene
Concen: 0.13 ppb
RT: 16.31 min Scan# 3920
Delta R.T. -0.01 min
Lab File: AC092918.D
Acq: 30 Sep 2005 12:47 am

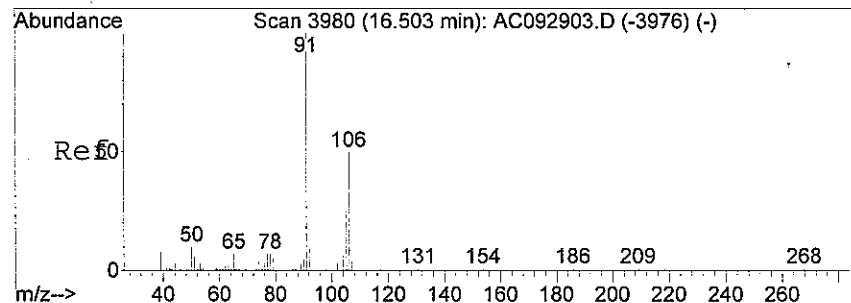
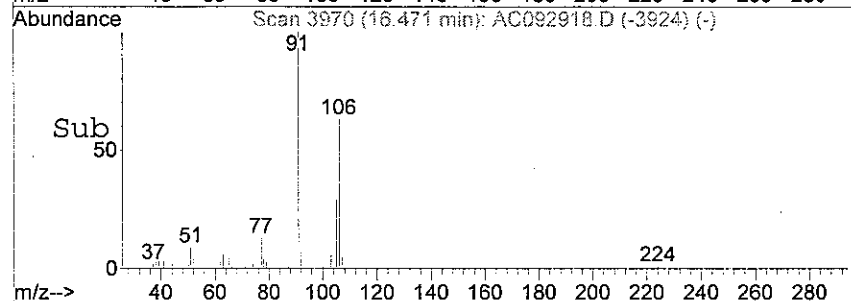
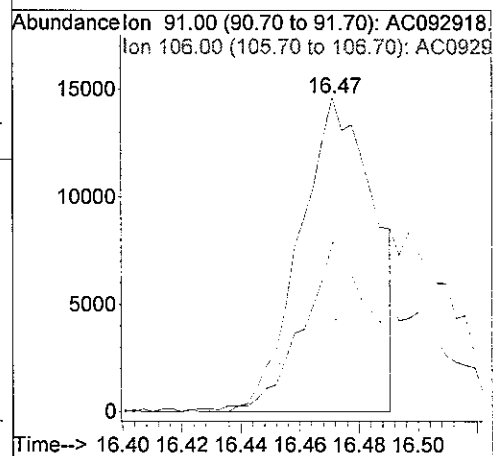
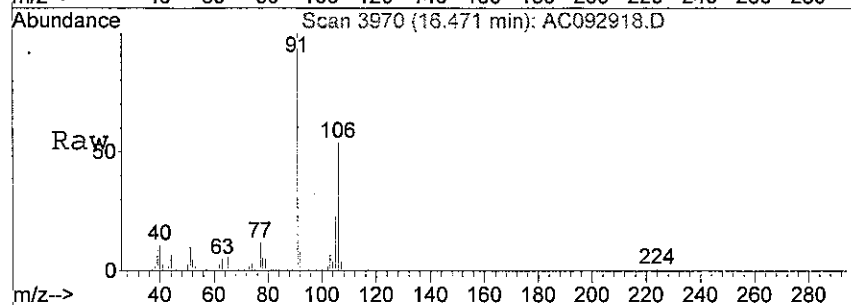
Tgt Ion: 91 Resp: 13206
Ion Ratio Lower Upper
91 100
106 34.4 10.2 50.2





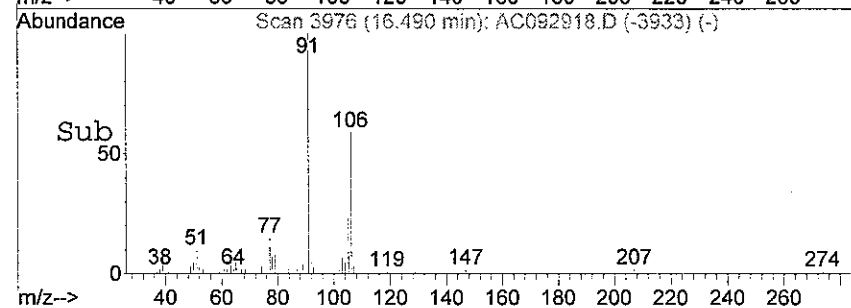
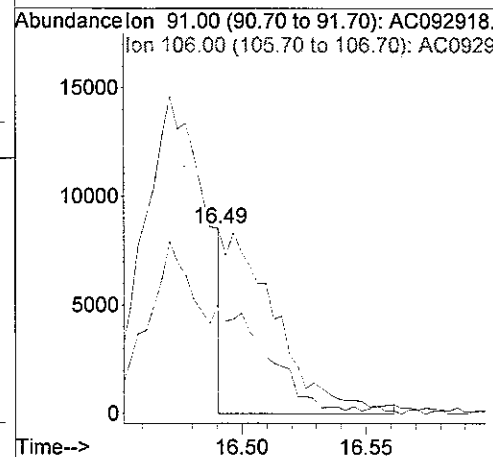
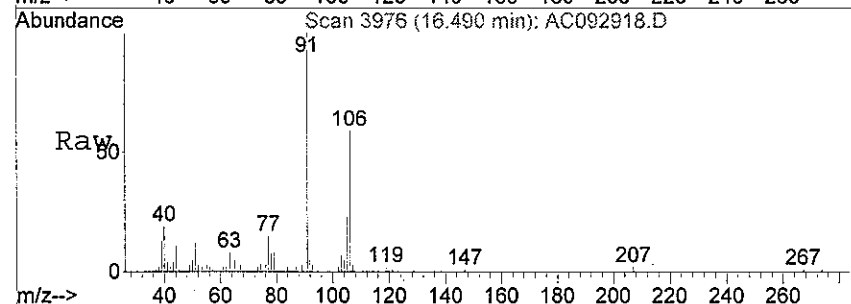
#53
m-xylene
Concen: 0.31 ppb m
RT: 16.47 min Scan# 3970
Delta R.T. -0.00 min
Lab File: AC092918.D
Acq: 30 Sep 2005 12:47 am

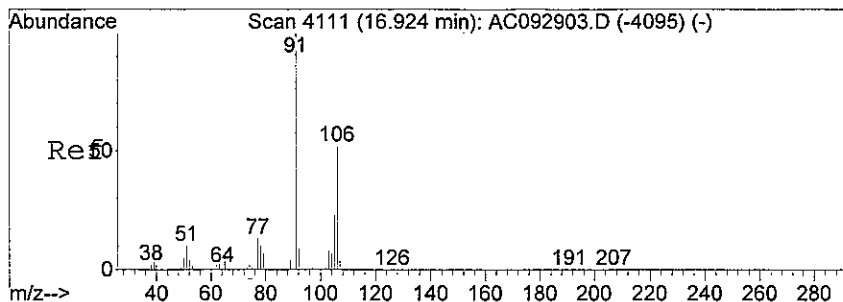
Tgt Ion: 91 Resp: 25425
Ion Ratio Lower Upper
91 100
106 45.4 31.7 71.7



#54
p-xylene
Concen: 0.14 ppb m
RT: 16.49 min Scan# 3976
Delta R.T. -0.01 min
Lab File: AC092918.D
Acq: 30 Sep 2005 12:47 am

Tgt Ion: 91 Resp: 12374
Ion Ratio Lower Upper
91 100
106 93.3 22.7 62.7#





#57

o-xylene

Concen: 0.30 ppb

RT: 16.92 min Scan# 4111

Delta R.T. -0.00 min

Lab File: AC092918.D

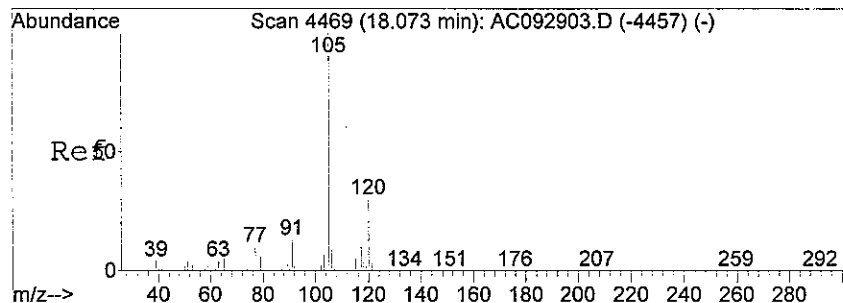
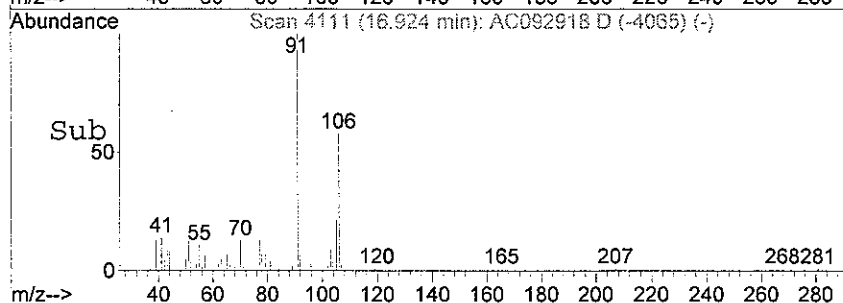
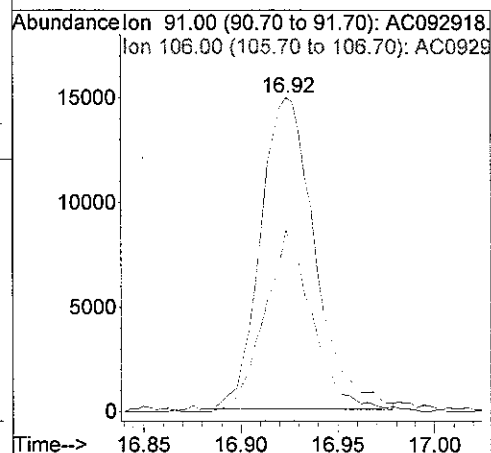
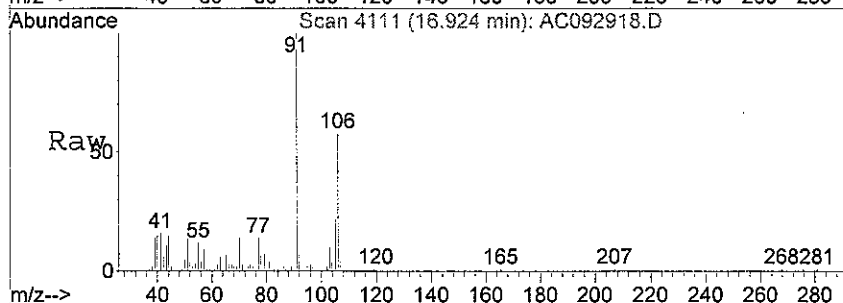
Acq: 30 Sep 2005 12:47 am

Tgt Ion: 91 Resp: 29195

Ion Ratio Lower Upper

91 100

106 51.3 23.8 63.8



#60

4-ethyltoluene

Concen: 0.10 ppb

RT: 18.07 min Scan# 4468

Delta R.T. -0.00 min

Lab File: AC092918.D

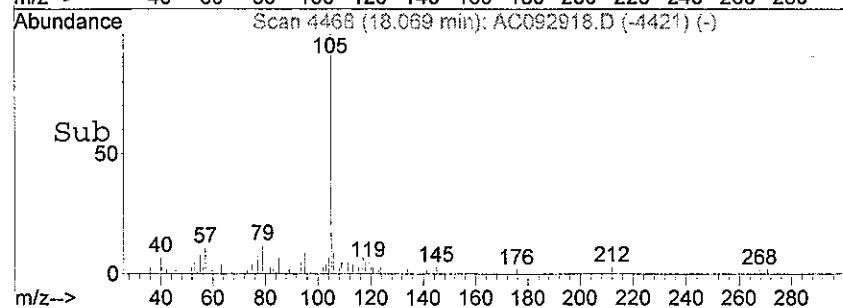
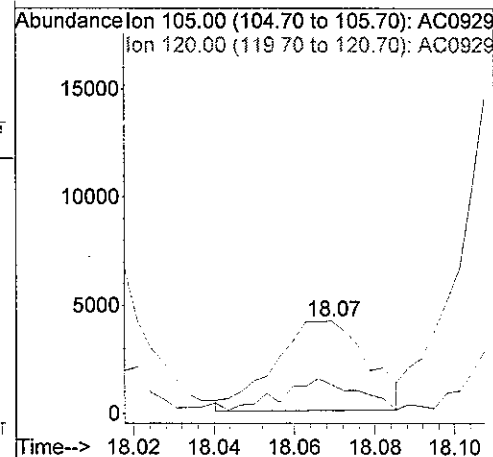
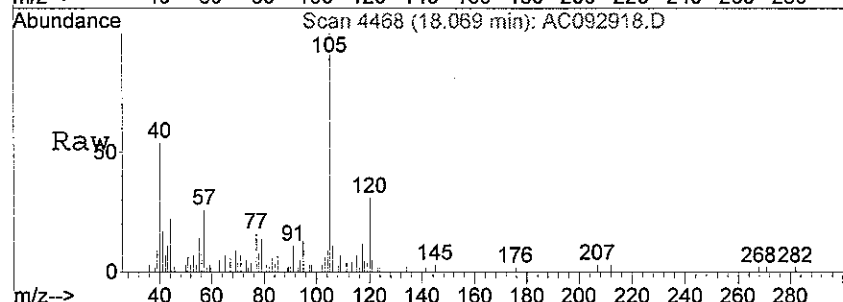
Acq: 30 Sep 2005 12:47 am

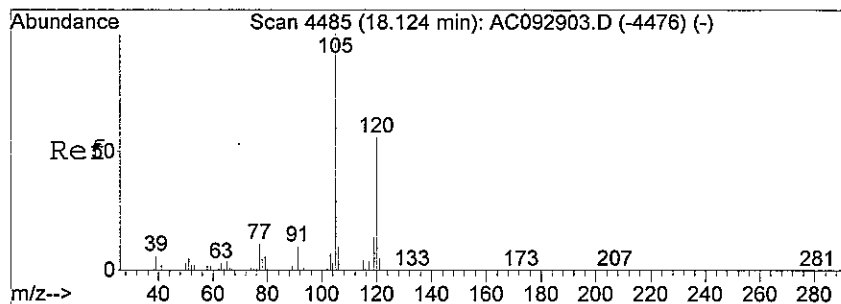
Tgt Ion: 105 Resp: 6590

Ion Ratio Lower Upper

105 100

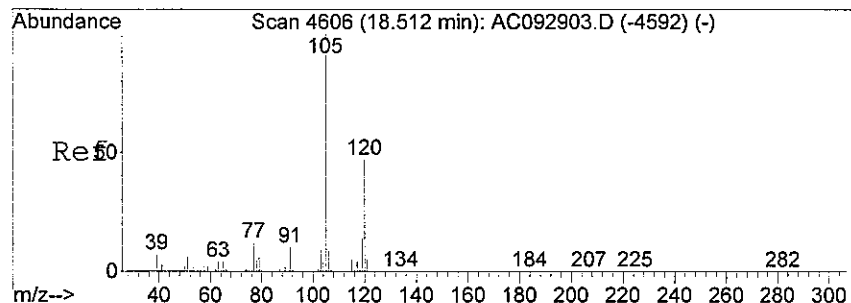
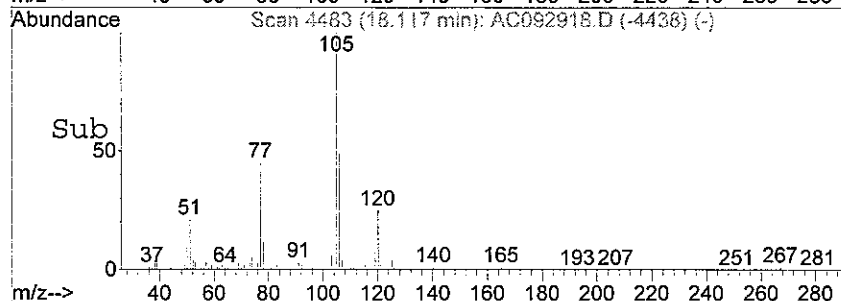
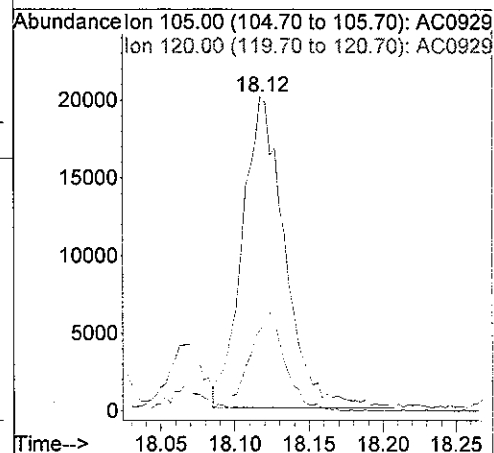
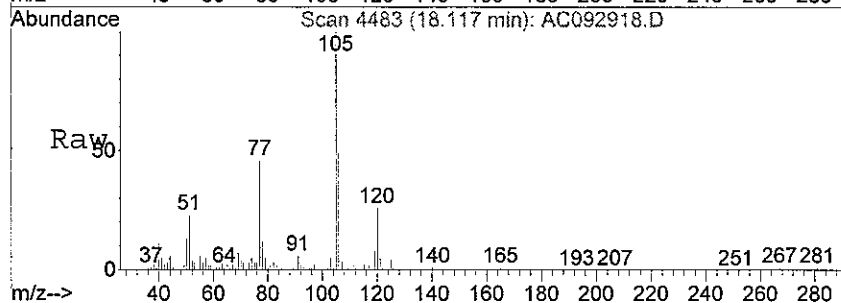
120 36.6 8.6 48.6





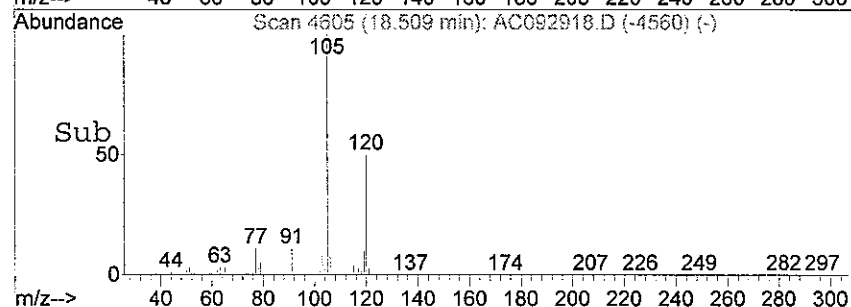
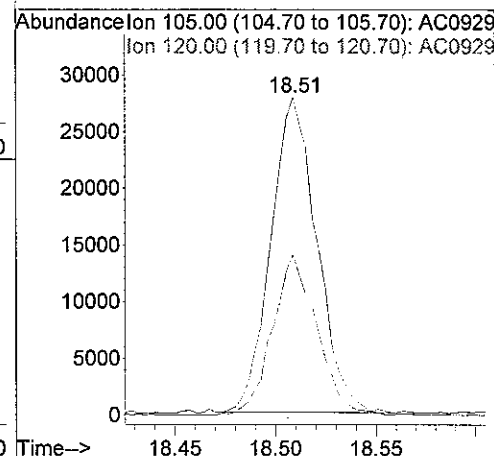
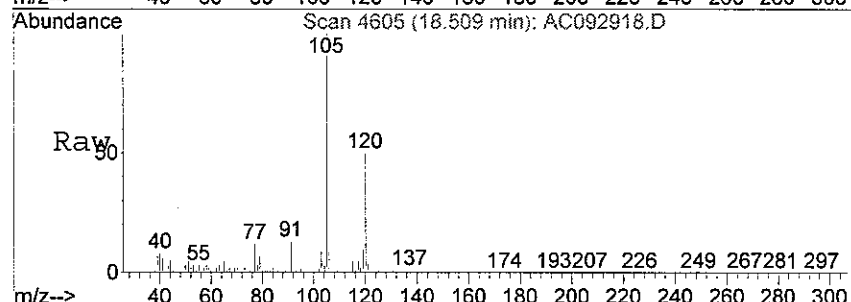
#61
 1,3,5-trimethylbenzene
 Concen: 0.43 ppb
 RT: 18.12 min Scan# 4483
 Delta R.T. -0.01 min
 Lab File: AC092918.D
 Acq: 30 Sep 2005 12:47 am

Tgt Ion:105 Resp: 39791
 Ion Ratio Lower Upper
 105 100
 120 26.1 21.5 61.5



#62
 1,2,4-trimethylbenzene
 Concen: 0.56 ppb
 RT: 18.51 min Scan# 4605
 Delta R.T. -0.01 min
 Lab File: AC092918.D
 Acq: 30 Sep 2005 12:47 am

Tgt Ion:105 Resp: 44214
 Ion Ratio Lower Upper
 105 100
 120 48.9 20.9 60.9



Data File : C:\MSDCHEM\1\DATA\AC092925.D

Vial: 13

Acq On : 30 Sep 2005 6:45 am

Operator: RJP

Sample : C0509018-003A 10x

Inst : MSD #1

Misc : C0509018-003A

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Sep 30 07:08:11 2005

Quant Results File: A905_1UT.RES

Quant Method : C:\MSDCHEM\1\METHODS\A905_1UT.M (RTE Integrator)

Title : TO-15 VOA Standards for 5 point calibration

Last Update : Tue Sep 06 13:55:05 2005

Response via : Initial Calibration

DataAcq Meth : A905_1UT

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	9.28	128	18729	1.00	ppb	0.00
30) 1,4-difluorobenzene	11.57	114	46754m ⁰	1.00	ppb	-0.02
44) Chlorobenzene-d5	16.03	117	45579	1.00	ppb	0.00

System Monitoring Compounds

58) Bromofluorobenzene	17.53	95	18610	0.80	ppb	0.00
Spiked Amount	1.000	Range	70 - 130	Recovery	=	80.00%

Target Compounds

27) Chloroform	9.42	83	33400m ⁰	0.69	ppb	Qvalue
38) Trichloroethene	12.20	130	6356	0.25	ppb	90

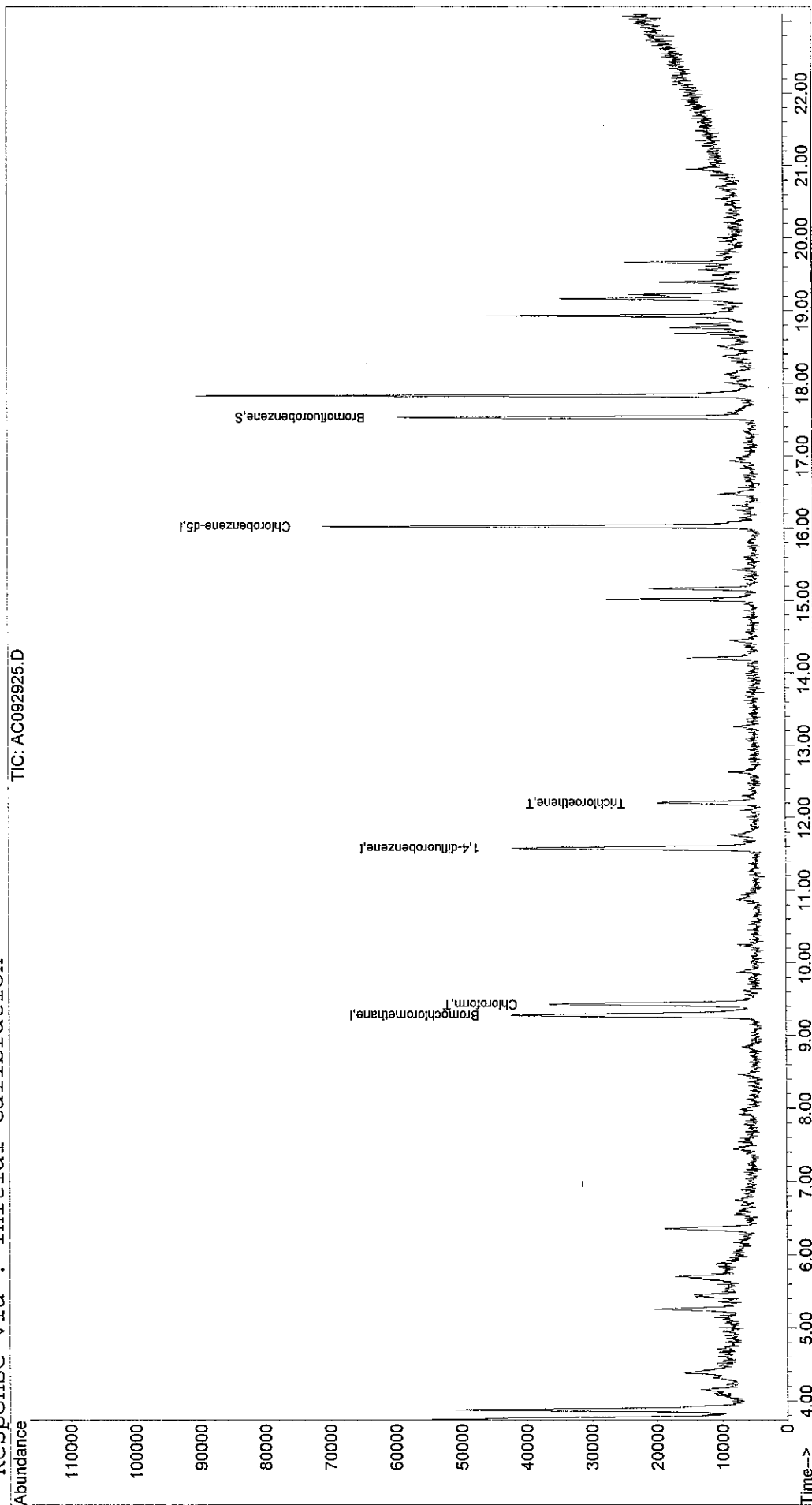
Data File : C:\MSDCHEM\1\DATA\AC092925.D
Acq On : 30 Sep 2005 6:45 am
Sample : C0509018-003A 10x
Misc : C0509018-003A
MS Integration Params: RTEINT.P
Quant Time: Sep 30 10:07 2005

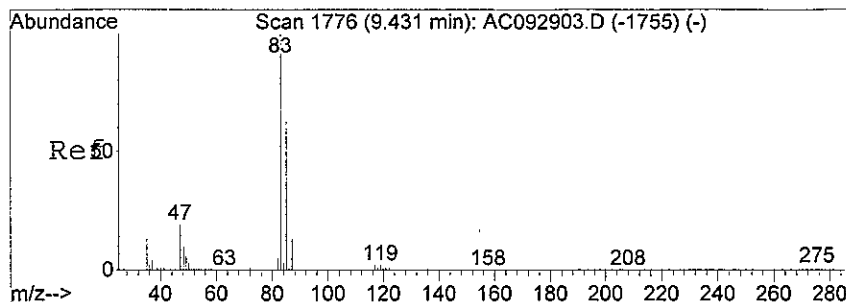
Vial: 13
Operator: RJP
Inst : MSD #1
Multiplr: 1.00

Quant Results File: A905_1UT.RES

Method : C:\MSDCHEM\1\METHODS\A905_1UT.M (RTE Integrator)
Title : TO-15 VOA Standards for 5 point calibration
Last Update : Sun Oct 09 14:17:27 2005
Response via : Initial Calibration

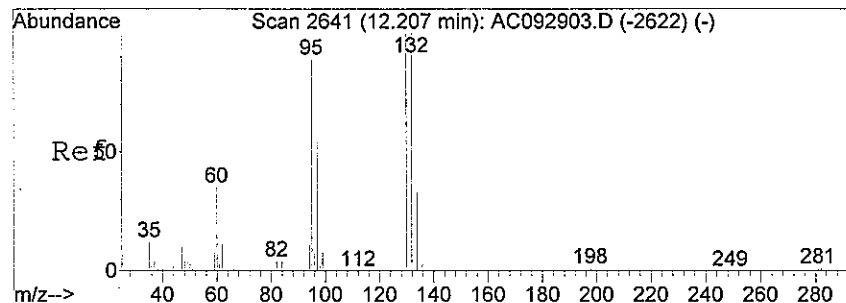
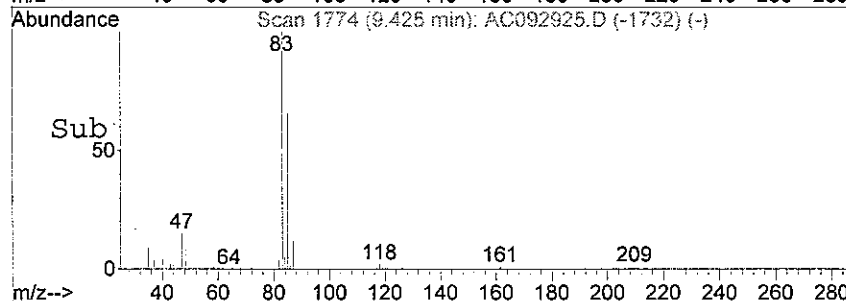
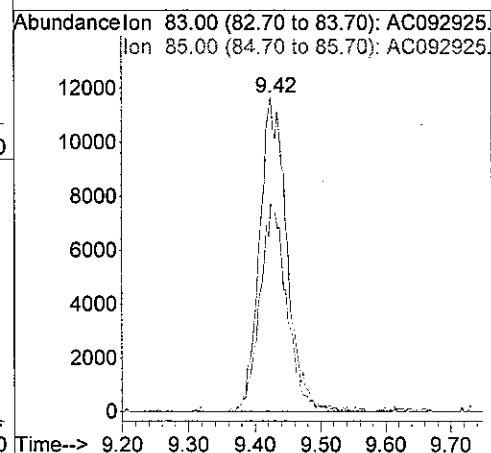
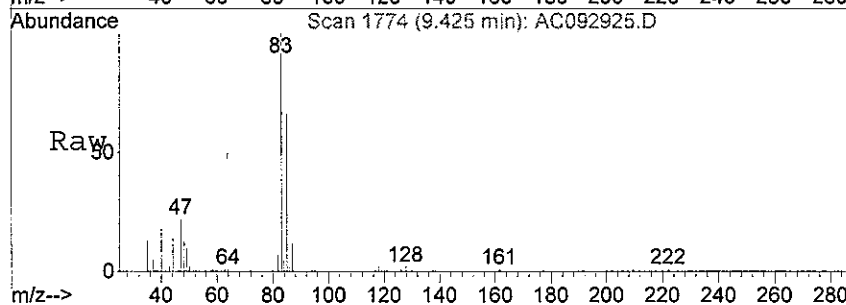
TIC: AC092925.D





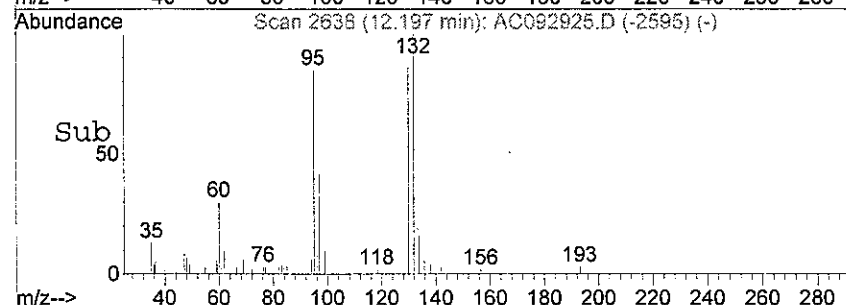
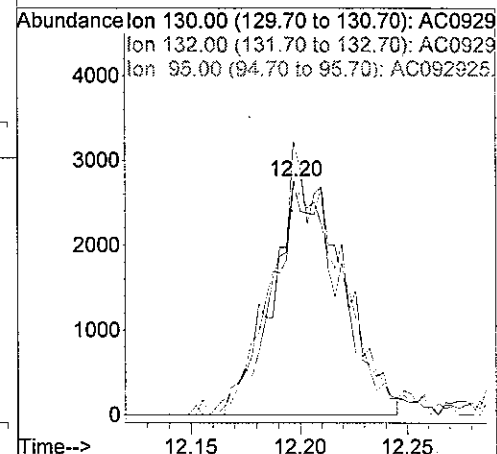
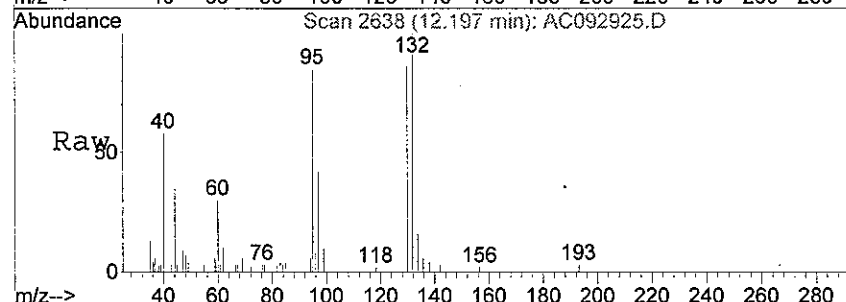
#27
Chloroform
Concen: 0.69 ppb m
RT: 9.42 min Scan# 1774
Delta R.T. -0.02 min
Lab File: AC092925.D
Acq: 30 Sep 2005 6:45 am

Tgt Ion: 83 Resp: 33400
Ion Ratio Lower Upper
83 100
85 64.8 46.2 86.2



#38
Trichloroethene
Concen: 0.25 ppb
RT: 12.20 min Scan# 2638
Delta R.T. -0.01 min
Lab File: AC092925.D
Acq: 30 Sep 2005 6:45 am

Tgt Ion: 130 Resp: 6356
Ion Ratio Lower Upper
130 100
132 103.0 76.8 116.8
95 95.8 89.8 129.8



Centek Laboratories, LLC

Date: 09-Oct-05

CLIENT: ESC Environmental
 Lab Order: C0509018
 Project: 127491.05
 Lab ID: C0509018-004A

Client Sample ID: RD2SS092205
 Tag Number: 165, 67
 Collection Date: 9/22/2005
 Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15 1UG/M3 W/ 0.25UG/M3 TCE		TO-15		Analyst: RJP		
1,1,1-Trichloroethane	0.170	0.150		ppbV	1	9/29/2005
1,1,2,2-Tetrachloroethane	ND	0.150		ppbV	1	9/29/2005
1,1,2-Trichloroethane	ND	0.150		ppbV	1	9/29/2005
1,1-Dichloroethane	ND	0.150		ppbV	1	9/29/2005
1,1-Dichloroethene	ND	0.150		ppbV	1	9/29/2005
1,2,4-Trichlorobenzene	ND	0.150		ppbV	1	9/29/2005
1,2,4-Trimethylbenzene	0.790	0.150		ppbV	1	9/29/2005
1,2-Dibromoethane	ND	0.150		ppbV	1	9/29/2005
1,2-Dichlorobenzene	ND	0.150		ppbV	1	9/29/2005
1,2-Dichloroethane	ND	0.150		ppbV	1	9/29/2005
1,2-Dichloropropane	ND	0.150		ppbV	1	9/29/2005
1,3,5-Trimethylbenzene	0.560	0.150		ppbV	1	9/29/2005
1,3-butadiene	ND	0.150		ppbV	1	9/29/2005
1,3-Dichlorobenzene	ND	0.150		ppbV	1	9/29/2005
1,4-Dichlorobenzene	ND	0.150		ppbV	1	9/29/2005
1,4-Dioxane	ND	0.300		ppbV	1	9/29/2005
2,2,4-trimethylpentane	0.080	0.150	J	ppbV	1	9/29/2005
4-ethyltoluene	0.200	0.150		ppbV	1	9/29/2005
Acetone	14.5	3.00		ppbV	10	9/29/2005
Allyl chloride	ND	0.150		ppbV	1	9/29/2005
Benzene	0.290	0.150		ppbV	1	9/29/2005
Benzyl chloride	ND	0.150		ppbV	1	9/29/2005
Bromodichloromethane	0.150	0.150	J	ppbV	1	9/29/2005
Bromoform	ND	0.150		ppbV	1	9/29/2005
Bromomethane	ND	0.150		ppbV	1	9/29/2005
Carbon disulfide	0.160	0.150		ppbV	1	9/29/2005
Carbon tetrachloride	0.12	0.150	J	ppbV	1	9/29/2005
Chlorobenzene	ND	0.150		ppbV	1	9/29/2005
Chloroethane	ND	0.150		ppbV	1	9/29/2005
Chloroform	3.50	1.50		ppbV	10	9/29/2005
Chloromethane	0.480	0.150		ppbV	1	9/29/2005
cis-1,2-Dichloroethene	ND	0.150		ppbV	1	9/29/2005
cis-1,3-Dichloropropene	ND	0.150		ppbV	1	9/29/2005
Cyclohexane	0.570	0.150		ppbV	1	9/29/2005
Dibromochloromethane	ND	0.150		ppbV	1	9/29/2005
Ethyl acetate	ND	0.250		ppbV	1	9/29/2005
Ethylbenzene	0.220	0.150		ppbV	1	9/29/2005
Freon 11	0.430	0.150		ppbV	1	9/29/2005
Freon 113	1.56	0.150		ppbV	1	9/29/2005
Freon 114	ND	0.150		ppbV	1	9/29/2005

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 at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 09-Oct-05

CLIENT: ESC Environmental
 Lab Order: C0509018
 Project: 127491.05
 Lab ID: C0509018-004A

Client Sample ID: RD2SS092205
 Tag Number: 165, 67
 Collection Date: 9/22/2005
 Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15 1UG/M3 W/ 0.25UG/M3 TCE		TO-15		Analyst: RJP		
Freon 12	0.800	0.150		ppbV	1	9/29/2005
Heptane	ND	0.150		ppbV	1	9/29/2005
Hexachloro-1,3-butadiene	ND	0.150		ppbV	1	9/29/2005
Hexane	0.540	0.150		ppbV	1	9/29/2005
Isopropyl alcohol	ND	0.150		ppbV	1	9/29/2005
m-Xylene	0.560	0.150		ppbV	1	9/29/2005
Methyl Butyl Ketone	ND	0.300		ppbV	1	9/29/2005
Methyl Ethyl Ketone	ND	0.300		ppbV	1	9/29/2005
Methyl Isobutyl Ketone	ND	0.300		ppbV	1	9/29/2005
Methyl tert-butyl ether	ND	0.150		ppbV	1	9/29/2005
Methylene chloride	0.260	0.150		ppbV	1	9/29/2005
o-Xylene	0.300	0.150		ppbV	1	9/29/2005
p-Xylene	0.180	0.150		ppbV	1	9/29/2005
Propylene	ND	0.150		ppbV	1	9/29/2005
Styrene	ND	0.150		ppbV	1	9/29/2005
Tetrachloroethylene	0.650	0.150		ppbV	1	9/29/2005
Tetrahydrofuran	ND	0.150		ppbV	1	9/29/2005
Toluene	1.85	0.150		ppbV	1	9/29/2005
trans-1,2-Dichloroethene	ND	0.150		ppbV	1	9/29/2005
trans-1,3-Dichloropropene	ND	0.150		ppbV	1	9/29/2005
Trichloroethene	0.770	0.0400		ppbV	1	9/29/2005
Vinyl acetate	ND	0.150		ppbV	1	9/29/2005
Vinyl Bromide	ND	0.150		ppbV	1	9/29/2005
Vinyl chloride	ND	0.150		ppbV	1	9/29/2005
Surr: Bromofluorobenzene	123	70-130		%REC	1	9/29/2005

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 at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 09-Oct-05

CLIENT: ESC Environmental
 Lab Order: C0509018
 Project: 127491.05
 Lab ID: C0509018-004A

Client Sample ID: RD2SS092205
 Tag Number: 165, 67
 Collection Date: 9/22/2005
 Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15 1UG/M3 W/ 0.25UG/M3 TCE				TO-15		Analyst: RJP
1,1,1-Trichloroethane	0.943	0.832		ug/m3	1	9/29/2005
1,1,2,2-Tetrachloroethane	ND	1.05		ug/m3	1	9/29/2005
1,1,2-Trichloroethane	ND	0.832		ug/m3	1	9/29/2005
1,1-Dichloroethane	ND	0.617		ug/m3	1	9/29/2005
1,1-Dichloroethene	ND	0.605		ug/m3	1	9/29/2005
1,2,4-Trichlorobenzene	ND	1.13		ug/m3	1	9/29/2005
1,2,4-Trimethylbenzene	3.95	0.749		ug/m3	1	9/29/2005
1,2-Dibromoethane	ND	1.17		ug/m3	1	9/29/2005
1,2-Dichlorobenzene	ND	0.917		ug/m3	1	9/29/2005
1,2-Dichloroethane	ND	0.617		ug/m3	1	9/29/2005
1,2-Dichloropropane	ND	0.705		ug/m3	1	9/29/2005
1,3,5-Trimethylbenzene	2.80	0.750		ug/m3	1	9/29/2005
1,3-butadiene	ND	0.337		ug/m3	1	9/29/2005
1,3-Dichlorobenzene	ND	0.917		ug/m3	1	9/29/2005
1,4-Dichlorobenzene	ND	0.917		ug/m3	1	9/29/2005
1,4-Dioxane	ND	1.10		ug/m3	1	9/29/2005
2,2,4-trimethylpentane	0.380	0.712	J	ug/m3	1	9/29/2005
4-ethyltoluene	0.999	0.750		ug/m3	1	9/29/2005
Acetone	35.0	7.24		ug/m3	10	9/29/2005
Allyl chloride	ND	0.477		ug/m3	1	9/29/2005
Benzene	0.942	0.487		ug/m3	1	9/29/2005
Benzyl chloride	ND	0.877		ug/m3	1	9/29/2005
Bromodichloromethane	1.02	1.02	J	ug/m3	1	9/29/2005
Bromoform	ND	1.58		ug/m3	1	9/29/2005
Bromomethane	ND	0.592		ug/m3	1	9/29/2005
Carbon disulfide	0.506	0.475		ug/m3	1	9/29/2005
Carbon tetrachloride	0.767	0.959	J	ug/m3	1	9/29/2005
Chlorobenzene	ND	0.702		ug/m3	1	9/29/2005
Chloroethane	ND	0.402		ug/m3	1	9/29/2005
Chloroform	17.4	7.44		ug/m3	10	9/29/2005
Chloromethane	1.01	0.315		ug/m3	1	9/29/2005
cis-1,2-Dichloroethene	ND	0.604		ug/m3	1	9/29/2005
cis-1,3-Dichloropropene	ND	0.692		ug/m3	1	9/29/2005
Cyclohexane	1.99	0.525		ug/m3	1	9/29/2005
Dibromochloromethane	ND	1.30		ug/m3	1	9/29/2005
Ethyl acetate	ND	0.916		ug/m3	1	9/29/2005
Ethylbenzene	0.971	0.662		ug/m3	1	9/29/2005
Freon 11	2.46	0.857		ug/m3	1	9/29/2005
Freon 113	12.2	1.17		ug/m3	1	9/29/2005
Freon 114	ND	1.07		ug/m3	1	9/29/2005

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 at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 09-Oct-05

CLIENT: ESC Environmental
 Lab Order: C0509018
 Project: 127491.05
 Lab ID: C0509018-004A

Client Sample ID: RD2SS092205
 Tag Number: 165, 67
 Collection Date: 9/22/2005
 Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15 1UG/M3 W/ 0.25UG/M3 TCE		TO-15		Analyst: RJP		
Freon 12	4.02	0.754		ug/m3	1	9/29/2005
Heptane	ND	0.625		ug/m3	1	9/29/2005
Hexachloro-1,3-butadiene	ND	1.63		ug/m3	1	9/29/2005
Hexane	1.93	0.537		ug/m3	1	9/29/2005
Isopropyl alcohol	ND	0.375		ug/m3	1	9/29/2005
m-Xylene	2.47	0.662		ug/m3	1	9/29/2005
Methyl Butyl Ketone	ND	1.25		ug/m3	1	9/29/2005
Methyl Ethyl Ketone	ND	0.899		ug/m3	1	9/29/2005
Methyl Isobutyl Ketone	ND	1.25		ug/m3	1	9/29/2005
Methyl tert-butyl ether	ND	0.550		ug/m3	1	9/29/2005
Methylene chloride	0.918	0.530		ug/m3	1	9/29/2005
o-Xylene	1.32	0.662		ug/m3	1	9/29/2005
p-Xylene	0.794	0.662		ug/m3	1	9/29/2005
Propylene	ND	0.262		ug/m3	1	9/29/2005
Styrene	ND	0.649		ug/m3	1	9/29/2005
Tetrachloroethylene	4.48	1.03		ug/m3	1	9/29/2005
Tetrahydrofuran	ND	0.450		ug/m3	1	9/29/2005
Toluene	7.09	0.575		ug/m3	1	9/29/2005
trans-1,2-Dichloroethene	ND	0.604		ug/m3	1	9/29/2005
trans-1,3-Dichloropropene	ND	0.692		ug/m3	1	9/29/2005
Trichloroethene	4.21	0.218		ug/m3	1	9/29/2005
Vinyl acetate	ND	0.537		ug/m3	1	9/29/2005
Vinyl Bromide	ND	0.667		ug/m3	1	9/29/2005
Vinyl chloride	ND	0.390		ug/m3	1	9/29/2005

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 at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Data File : C:\MSDCHEM\1\DATA\AC092919.D

Vial: 7

Acq On : 30 Sep 2005 1:23 am

Operator: RJP

Sample : C0509018-004A

Inst : MSD #1

Misc : C0509018-004A

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Sep 30 01:46:25 2005

Quant Results File: A905_1UT.RES

Quant Method : C:\MSDCHEM\1\METHODS\A905_1UT.M (RTE Integrator)

Title : TO-15 VOA Standards for 5 point calibration

Last Update : Tue Sep 06 13:55:05 2005

Response via : Initial Calibration

DataAcq Meth : A905_1UT

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	9.27	128	22161	1.00	ppb	0.00
30) 1,4-difluorobenzene	11.58	114	78542	1.00	ppb	-0.01
44) Chlorobenzene-d5	16.03	117	83376	1.00	ppb	0.00

System Monitoring Compounds

58) Bromofluorobenzene	17.53	95	52303	1.23	ppb	0.00
Spiked Amount	1.000	Range	70 - 130	Recovery	=	123.00%

Target Compounds

	R.T.	QIon	Response	Conc	Units	Qvalue
3) Freon 12	3.92	85	57779	0.80	ppb	97
4) Chloromethane	4.12	50	12003m	0.48	ppb	
11) Freon 11	5.44	101	41072	0.43	ppb	97
12) Acetone	5.72	58	202595m	18.36	ppb	
15) Freon 113	6.36	101	103315	1.56	ppb	# 83
16) Methylene chloride	6.60	84	6324	0.26	ppb	# 56
18) Carbon disulfide	6.76	76	15489	0.16	ppb	81
25) Hexane	8.46	41	11965m	0.54	ppb	
27) Chloroform	9.43	83	200272	3.51	ppb	99
31) 1,1,1-trichloroethane	10.25	97	9436	0.17	ppb	# 64
32) Cyclohexane	10.96	56	15494m	0.57	ppb	
33) Carbon tetrachloride	10.90	117	7793	0.12	ppb	# 59
34) Benzene	10.86	78	20647	0.29	ppb	77
36) 2,2,4-trimethylpentane	11.75	57	7184	0.08	ppb	92
38) Trichloroethene	12.20	130	32666	0.77	ppb	# 89
40) Bromodichloromethane	12.63	83	8387	0.15	ppb	99
45) Toluene	14.20	92	105826	1.85	ppb	95
50) Tetrachloroethylene	15.17	164	29779	0.65	ppb	98
52) Ethylbenzene	16.31	91	23122	0.22	ppb	88
53) m-xylene	16.47	91	47207m	0.56	ppb	
54) p-xylene	16.50	91	17504m	0.18	ppb	
57) o-xylene	16.92	91	30492	0.30	ppb	86
60) 4-ethyltoluene	18.07	105	13711	0.20	ppb	94
61) 1,3,5-trimethylbenzene	18.12	105	53311m	0.56	ppb	
62) 1,2,4-trimethylbenzene	18.51	105	64239	0.79	ppb	86

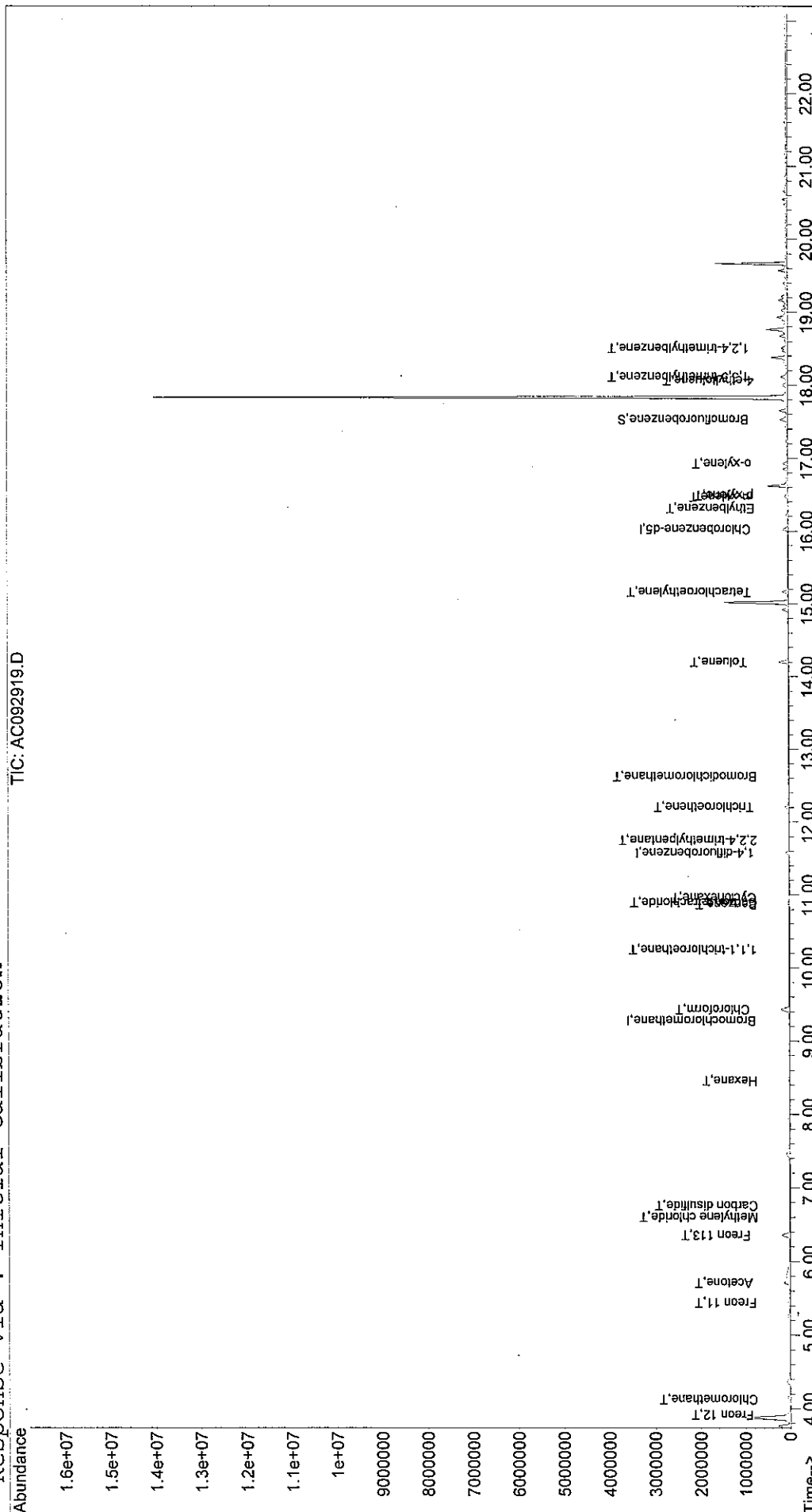
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 AC092919.D A905_1UT.M Sun Oct 09 14:18:39 2005 MSA Page 1

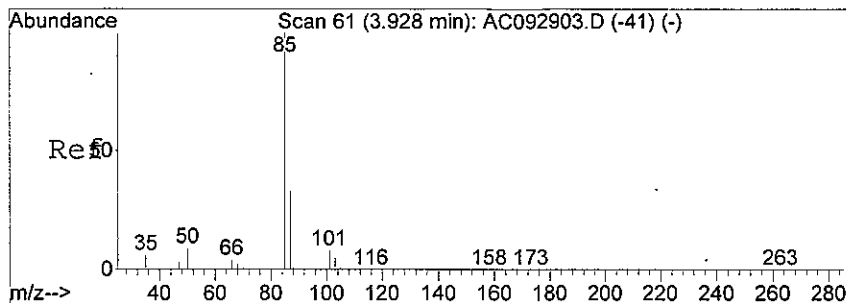
Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\AC092919.D
 Acq On : 30 Sep 2005 1:23 am
 Sample : C0509018-004A
 Misc : C0509018-004A
 MS Integration Params: RTEINT.P
 Quant Time: Sep 30 8:02 2005
 Quant Results File: A905_1UT.RES

Vial: 7
 Operator: RJP
 Inst : MSD #1
 Multiplr: 1.00

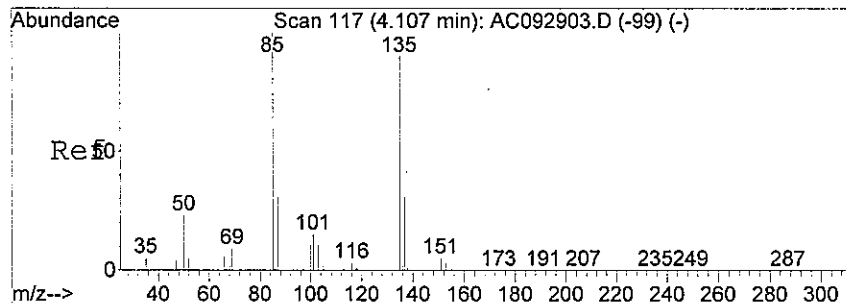
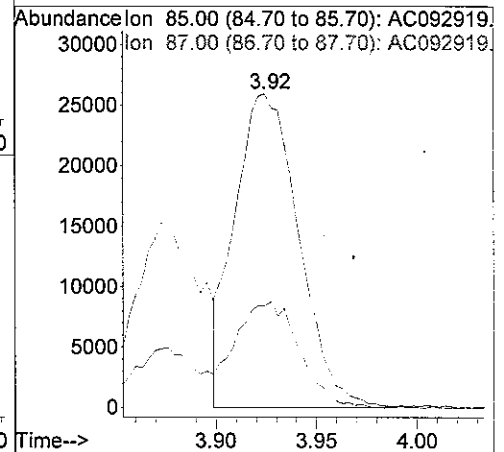
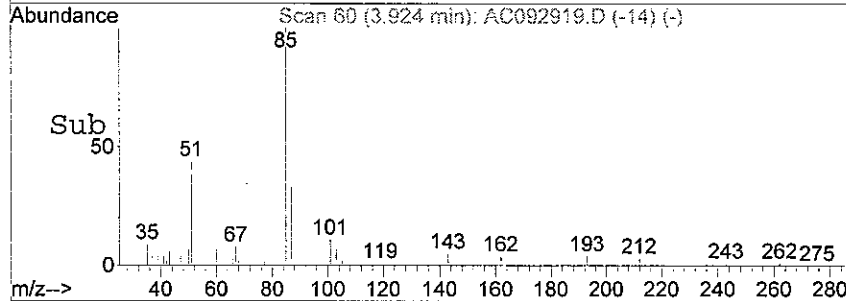
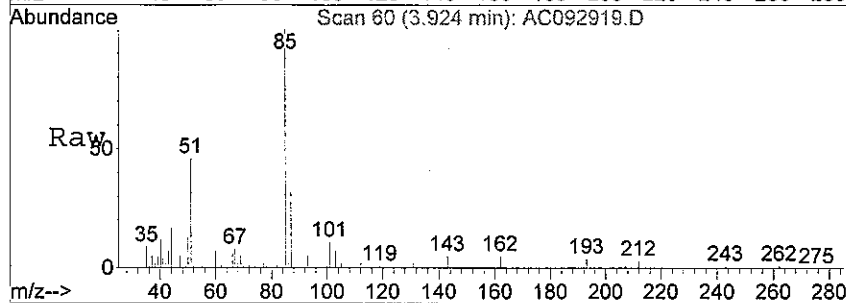
Method : C:\MSDCHEM\1\METHODS\A905_1UT.M (RTE Integrator)
 Title : TO-15 VOA Standards for 5 point calibration
 Last Update : Sun Oct 09 14:17:27 2005
 Response via : Initial Calibration





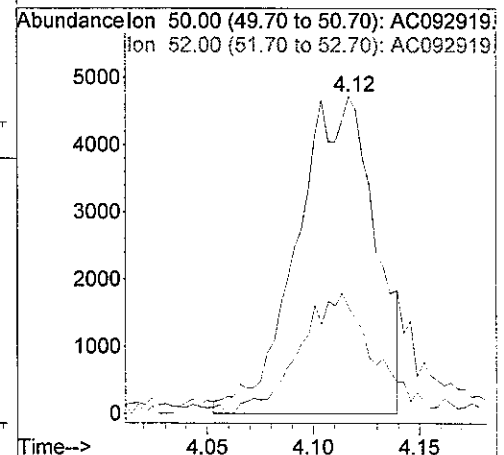
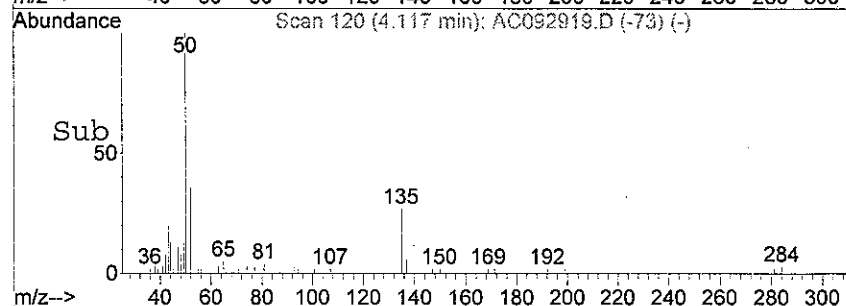
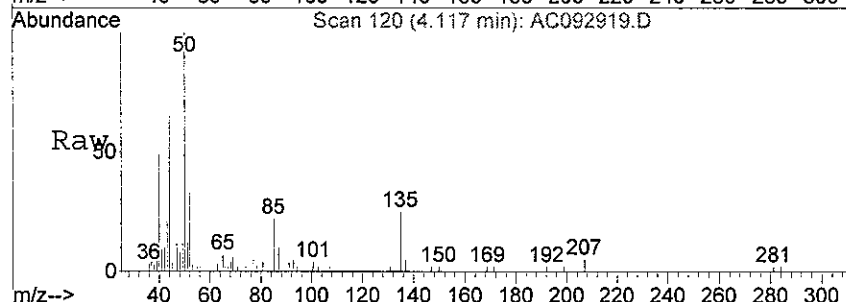
#3
 Freon 12
 Concen: 0.80 ppb
 RT: 3.92 min Scan# 60
 Delta R.T. -0.00 min
 Lab File: AC092919.D
 Acq: 30 Sep 2005 1:23 am

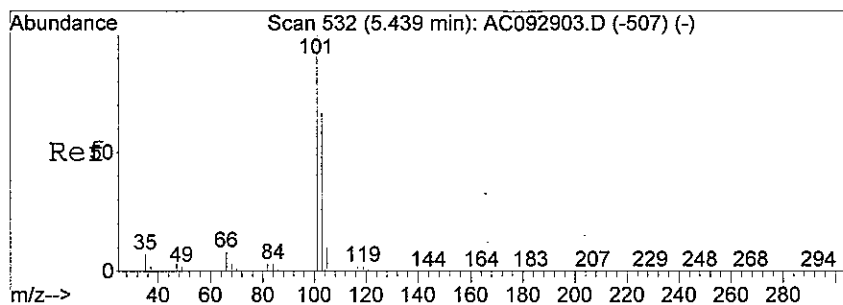
Tgt Ion: 85 Resp: 57779
 Ion Ratio Lower Upper
 85 100
 87 33.7 12.1 52.1



#4
 Chloromethane
 Concen: 0.48 ppb m
 RT: 4.12 min Scan# 120
 Delta R.T. 0.00 min
 Lab File: AC092919.D
 Acq: 30 Sep 2005 1:23 am

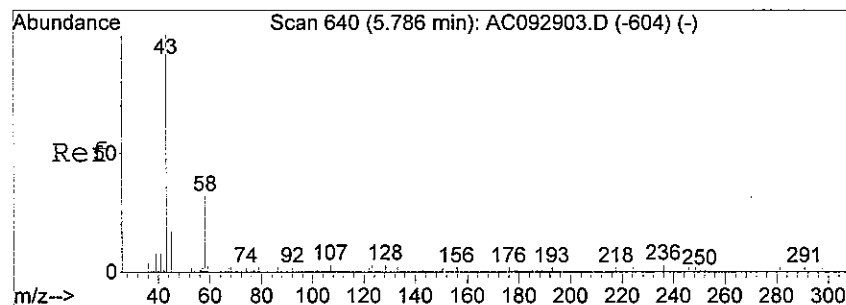
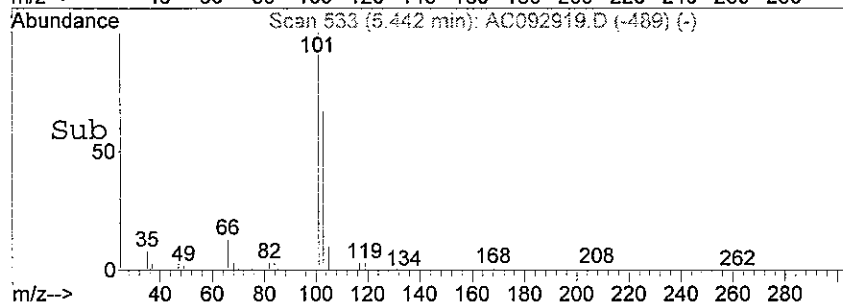
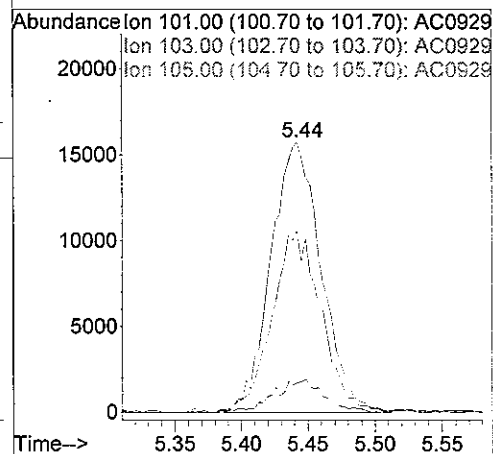
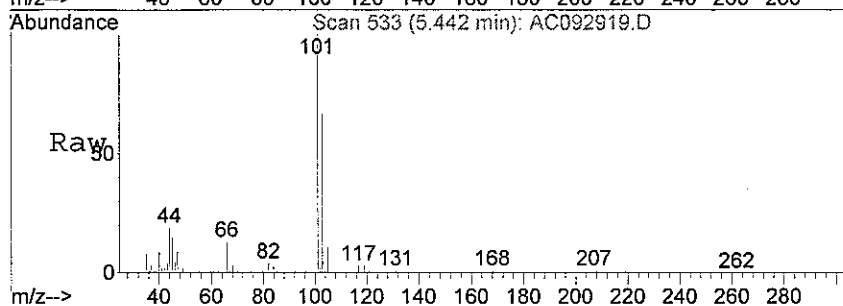
Tgt Ion: 50 Resp: 12003
 Ion Ratio Lower Upper
 50 100
 52 36.1 3.3 43.3





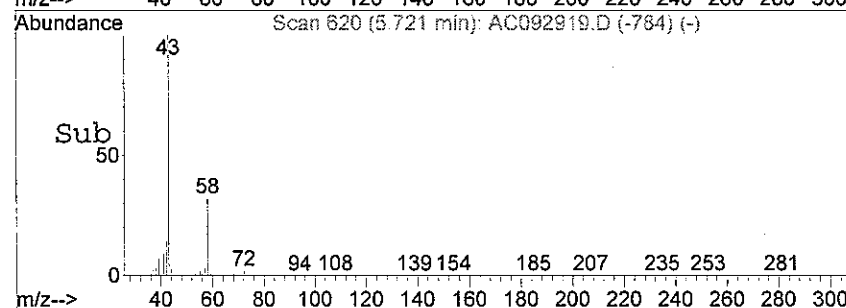
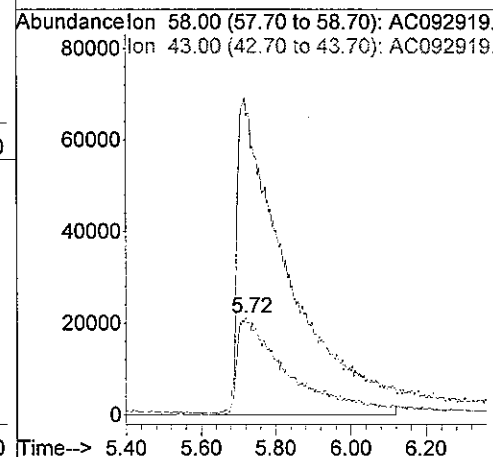
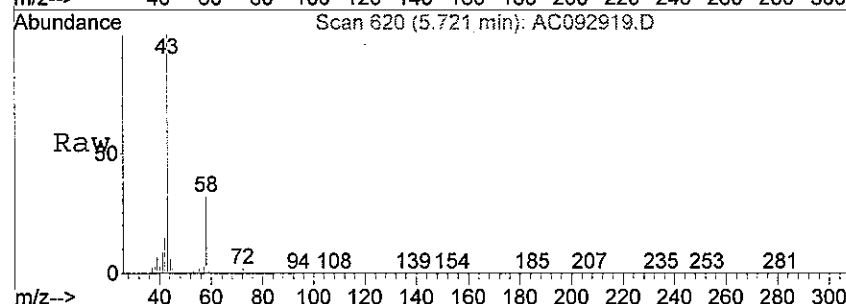
#11
Freon 11
Concen: 0.43 ppb
RT: 5.44 min Scan# 533
Delta R.T. -0.01 min
Lab File: AC092919.D
Acq: 30 Sep 2005 1:23 am

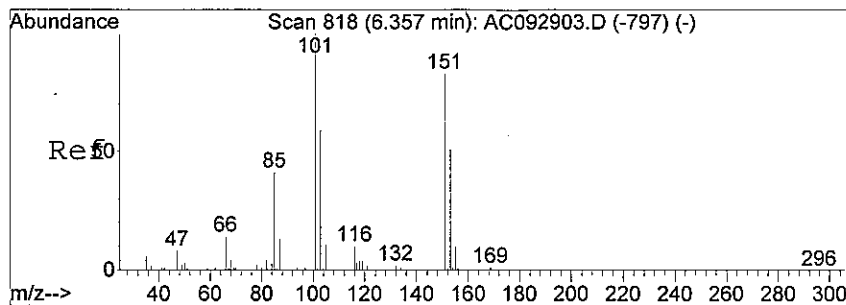
Tgt Ion: 101 Resp: 41072
Ion Ratio Lower Upper
101 100
103 65.4 43.4 83.4
105 8.7 0.0 30.9



#12
Acetone
Concen: 18.36 ppb m
RT: 5.72 min Scan# 620
Delta R.T. -0.68 min
Lab File: AC092919.D
Acq: 30 Sep 2005 1:23 am

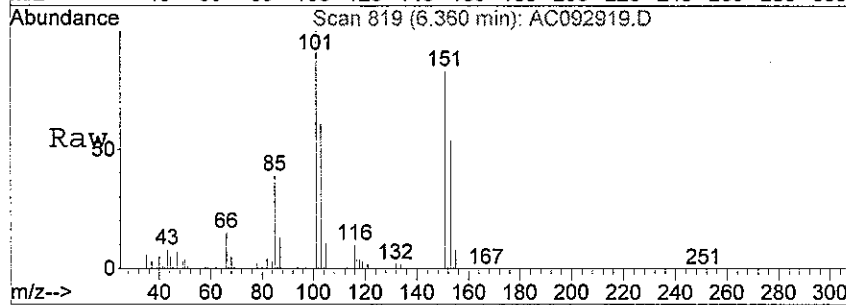
Tgt Ion: 58 Resp: 202595
Ion Ratio Lower Upper
58 100
43 0.0 0.0 30.0



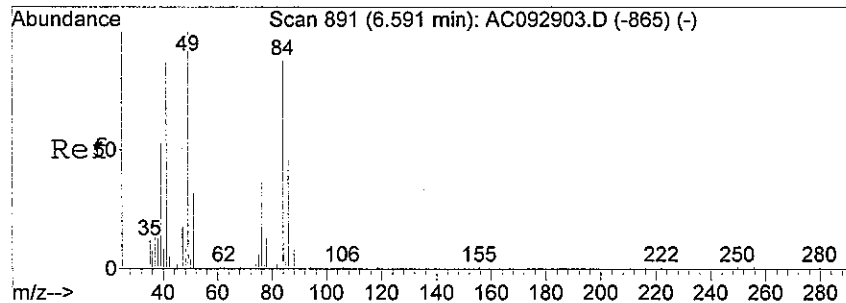
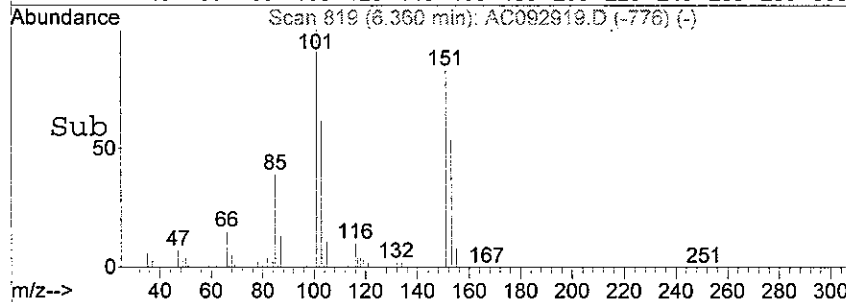
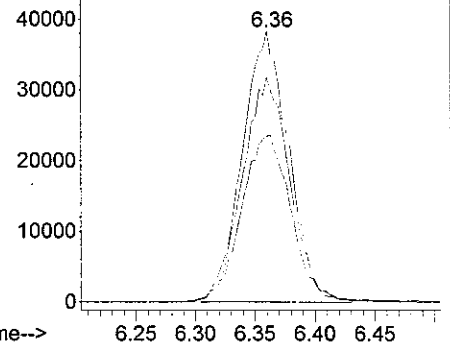


#15
Freon 113
Concen: 1.56 ppb
RT: 6.36 min Scan# 819
Delta R.T. -0.01 min
Lab File: AC092919.D
Acq: 30 Sep 2005 1:23 am

Tgt Ion: 101 Resp: 103315
Ion Ratio Lower Upper
101 100
103 64.6 13.9 53.9#
151 84.7 66.6 106.6

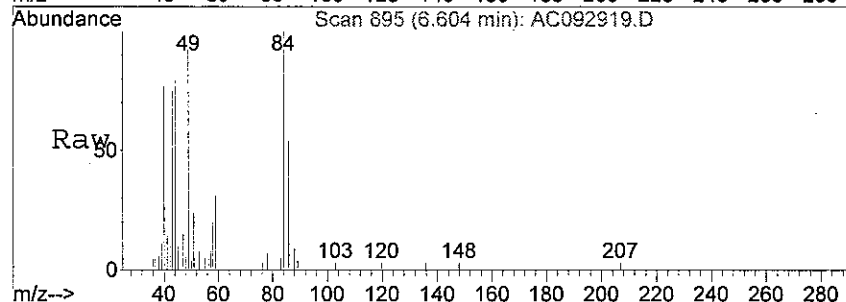


Abundance Ion 101.00 (100.70 to 101.70): AC092919.D
Ion 103.00 (102.70 to 103.70): AC092919.D
Ion 151.00 (150.70 to 151.70): AC092919.D

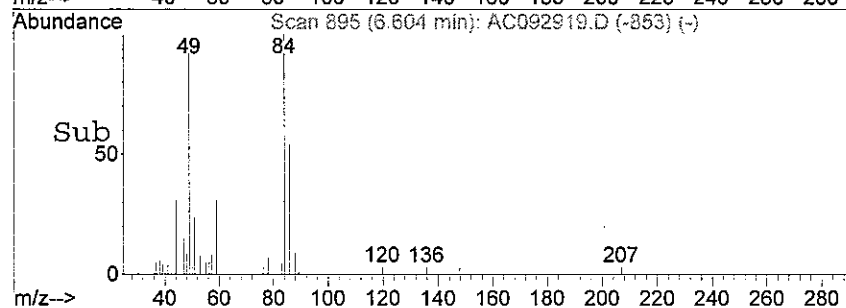
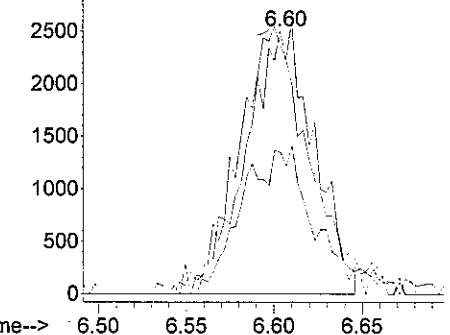


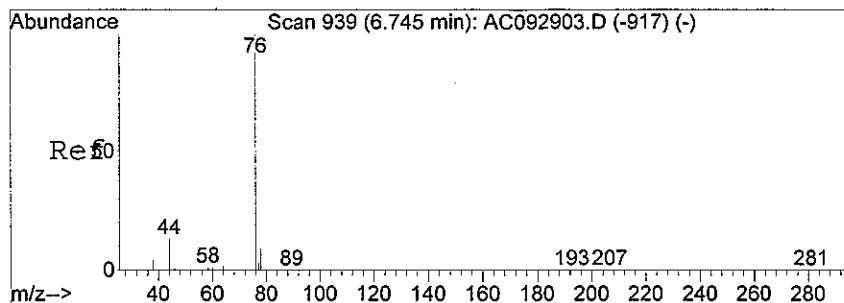
#16
Methylene chloride
Concen: 0.26 ppb
RT: 6.60 min Scan# 895
Delta R.T. -0.02 min
Lab File: AC092919.D
Acq: 30 Sep 2005 1:23 am

Tgt Ion: 84 Resp: 6324
Ion Ratio Lower Upper
84 100
49 118.2 163.1 203.1#
86 34.4 48.2 88.2#



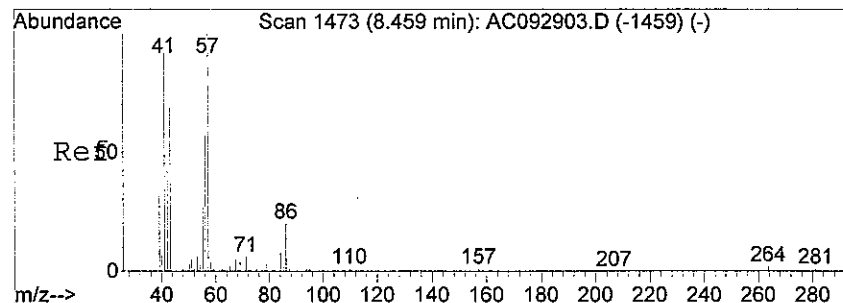
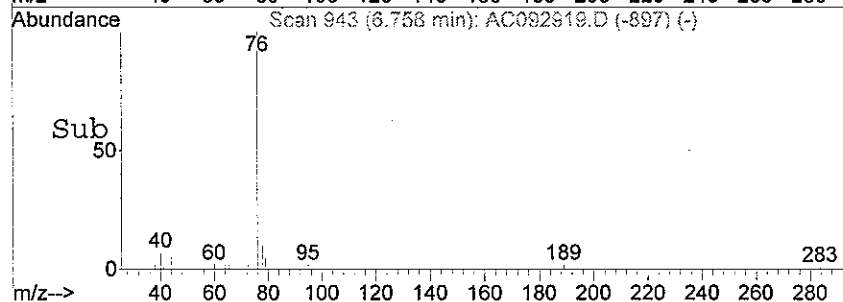
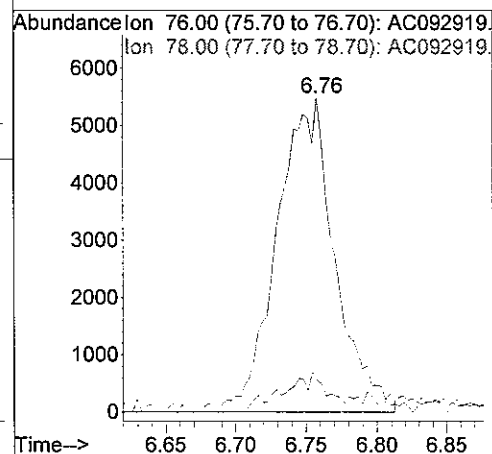
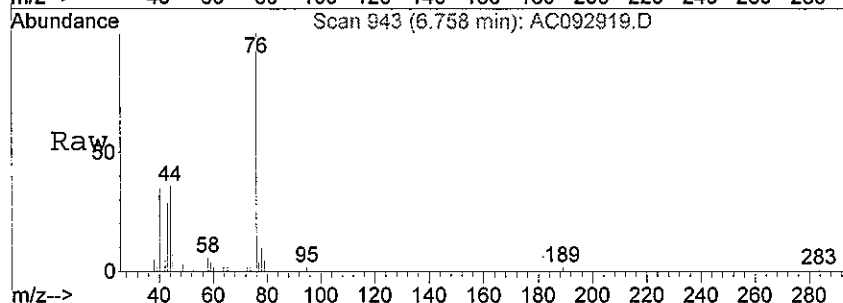
Abundance Ion 84.00 (83.70 to 84.70): AC092919.D
Ion 49.00 (48.70 to 49.70): AC092919.D
Ion 86.00 (85.70 to 86.70): AC092919.D





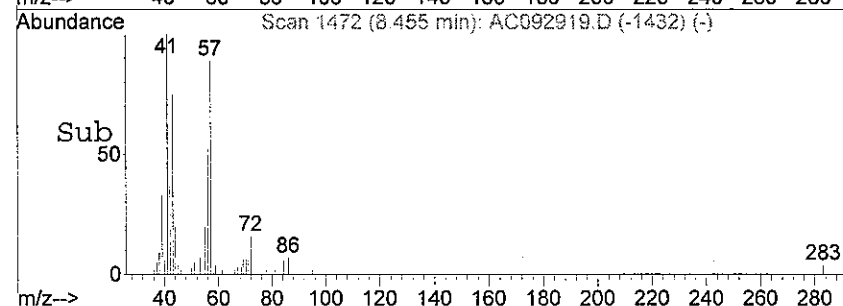
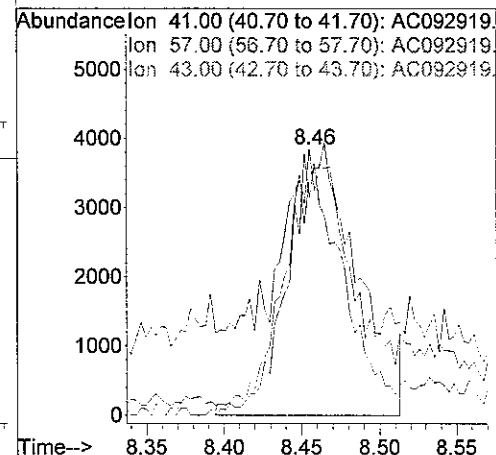
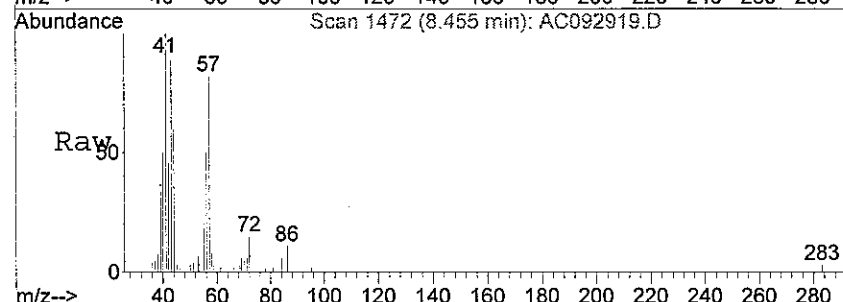
#18
Carbon disulfide
Concen: 0.16 ppb
RT: 6.76 min Scan# 943
Delta R.T. -0.00 min
Lab File: AC092919.D
Acq: 30 Sep 2005 1:23 am

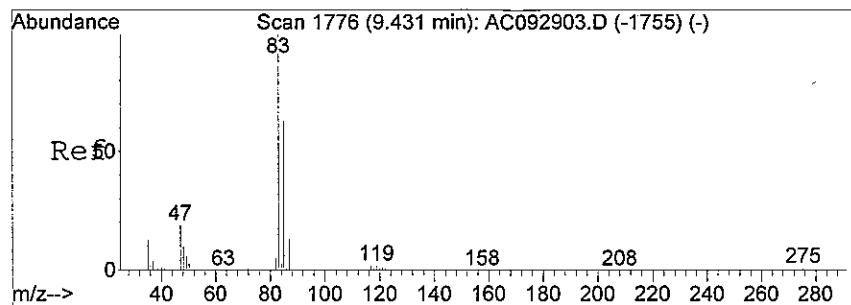
Tgt Ion: 76 Resp: 15489
Ion Ratio Lower Upper
76 100
78 3.1 0.0 30.2



#25
Hexane
Concen: 0.54 ppb m
RT: 8.46 min Scan# 1472
Delta R.T. -0.02 min
Lab File: AC092919.D
Acq: 30 Sep 2005 1:23 am

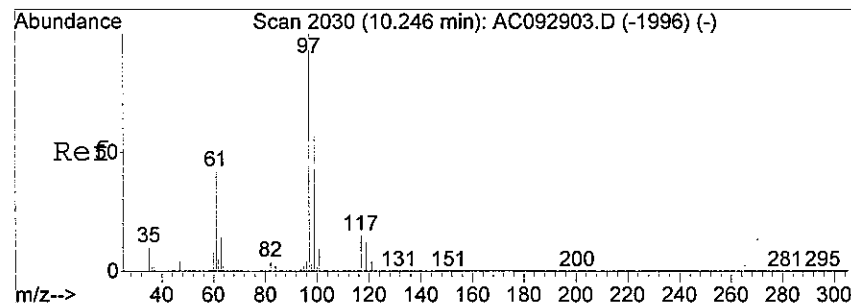
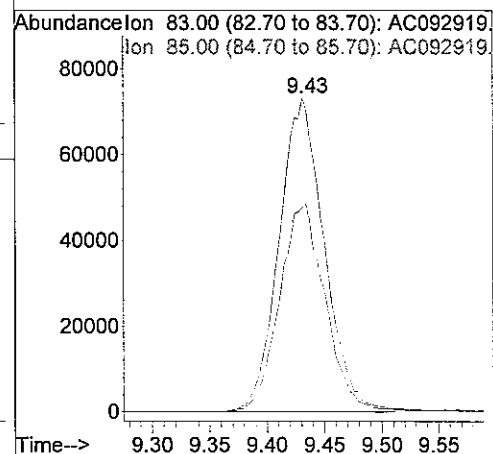
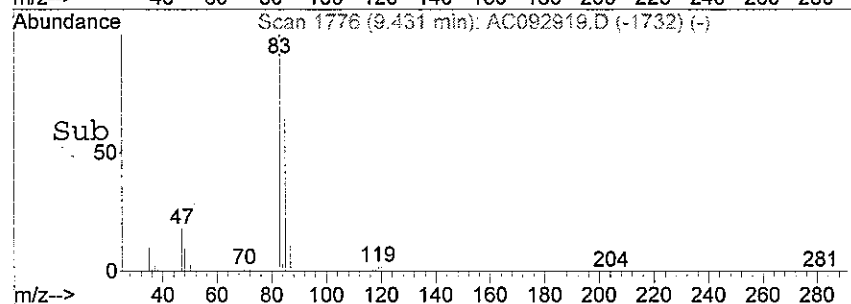
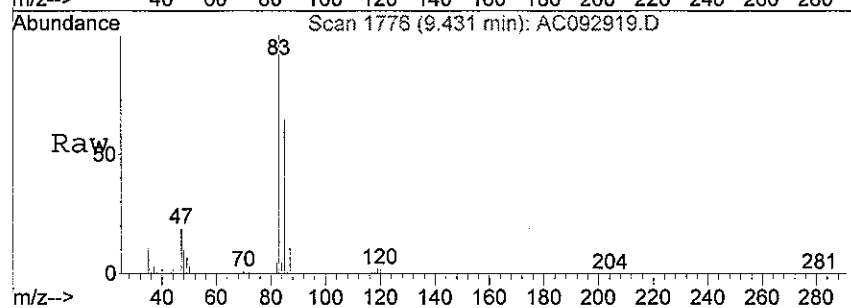
Tgt Ion: 41 Resp: 11965
Ion Ratio Lower Upper
41 100
57 79.5 102.6 142.6#
43 20.4 62.5 102.5#





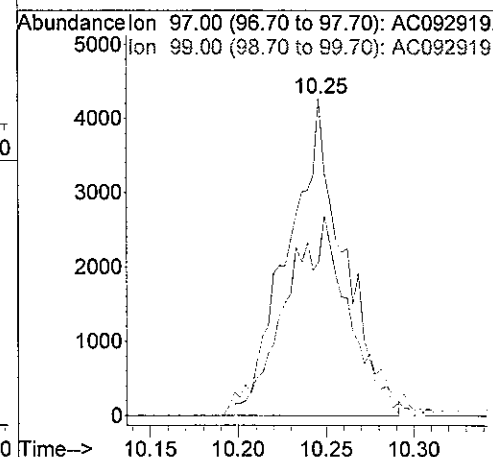
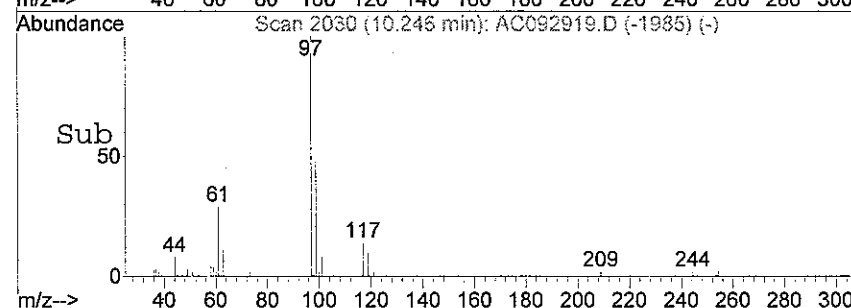
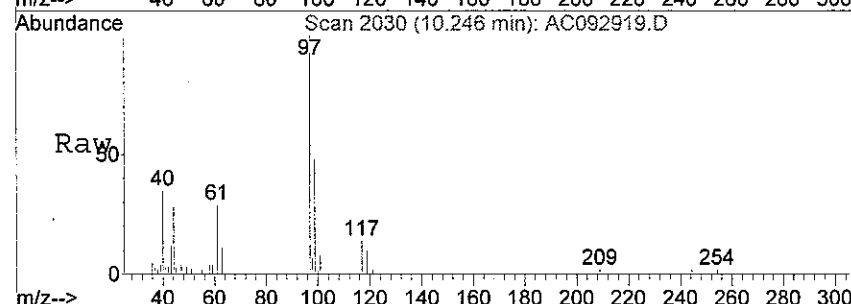
#27
Chloroform
Concen: 3.51 ppb
RT: 9.43 min Scan# 1776
Delta R.T. -0.01 min
Lab File: AC092919.D
Acq: 30 Sep 2005 1:23 am

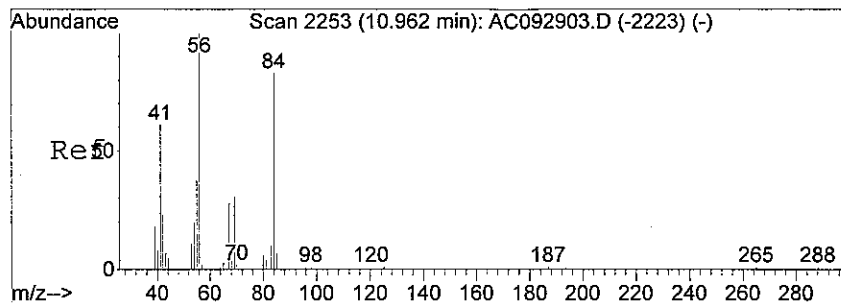
Tgt Ion: 83 Resp: 200272
Ion Ratio Lower Upper
83 100
85 67.2 46.2 86.2



#31
1,1,1-trichloroethane
Concen: 0.17 ppb
RT: 10.25 min Scan# 2030
Delta R.T. -0.01 min
Lab File: AC092919.D
Acq: 30 Sep 2005 1:23 am

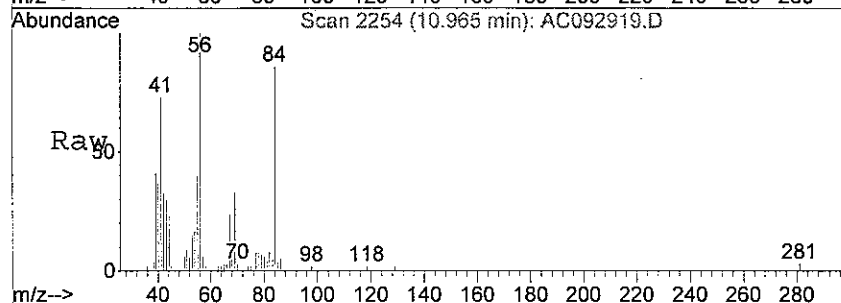
Tgt Ion: 97 Resp: 9436
Ion Ratio Lower Upper
97 100
99 36.3 44.7 84.7#



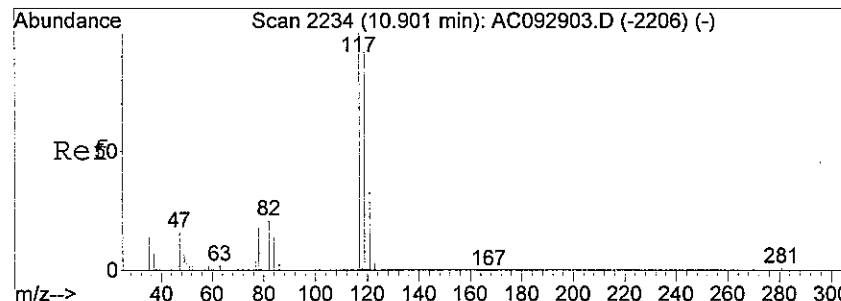
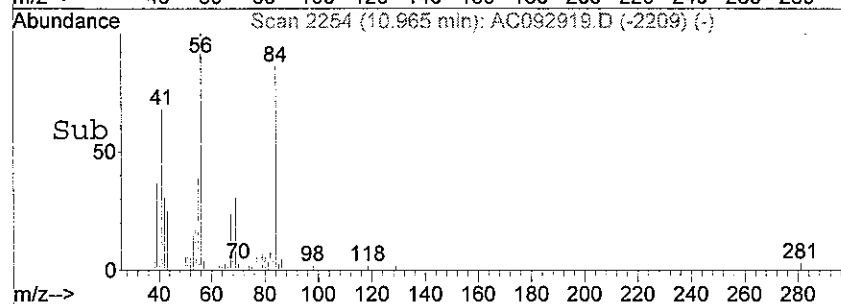
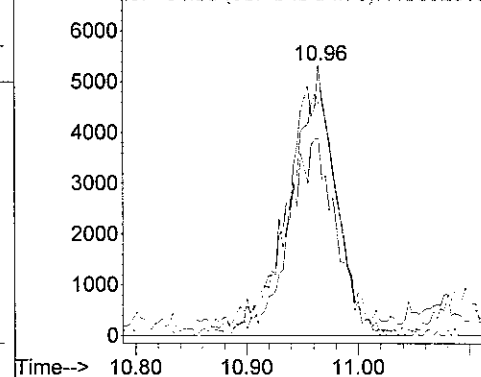


#32
Cyclohexane
Concen: 0.57 ppb m
RT: 10.96 min Scan# 2254
Delta R.T. -0.01 min
Lab File: AC092919.D
Acq: 30 Sep 2005 1:23 am

Tgt Ion: 56 Resp: 15494
Ion Ratio Lower Upper
56 100
41 69.9 34.9 74.9
84 87.6 49.8 89.8

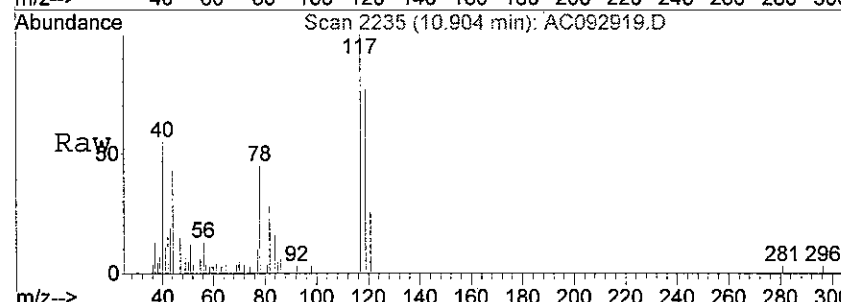


Abundance Ion 56.00 (55.70 to 56.70): AC092919.D
Ion 41.00 (40.70 to 41.70): AC092919.D
Ion 84.00 (83.70 to 84.70): AC092919.D

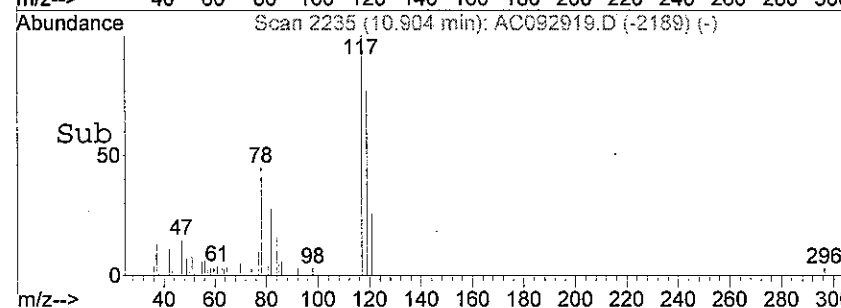
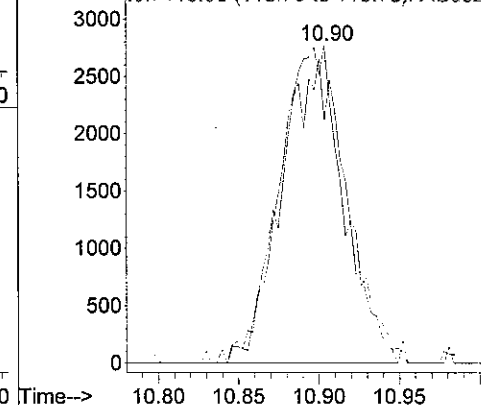


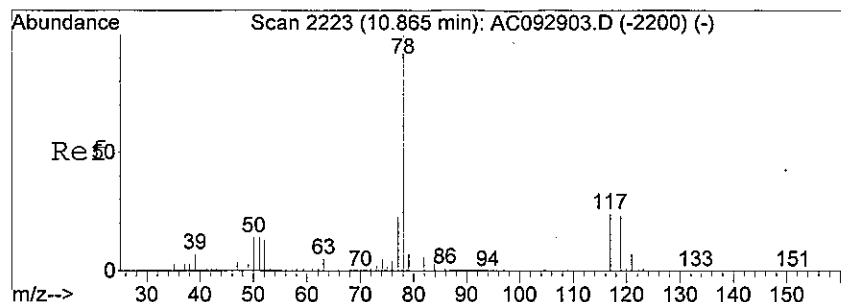
#33
Carbon tetrachloride
Concen: 0.12 ppb
RT: 10.90 min Scan# 2235
Delta R.T. -0.00 min
Lab File: AC092919.D
Acq: 30 Sep 2005 1:23 am

Tgt Ion: 117 Resp: 7793
Ion Ratio Lower Upper
117 100
119 55.9 75.9 115.9#



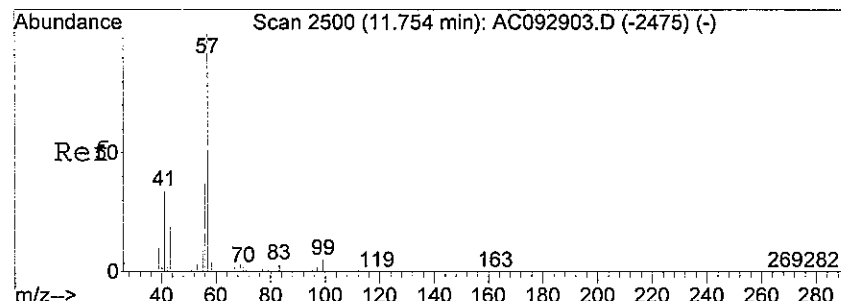
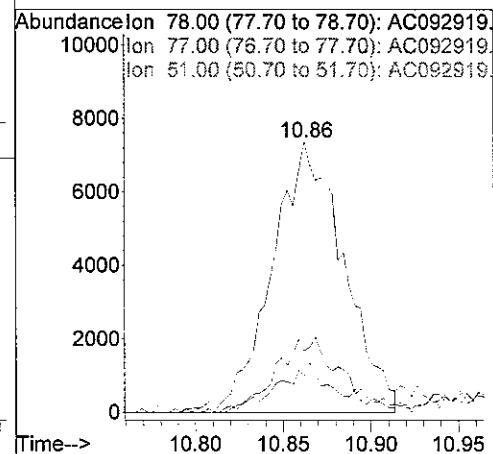
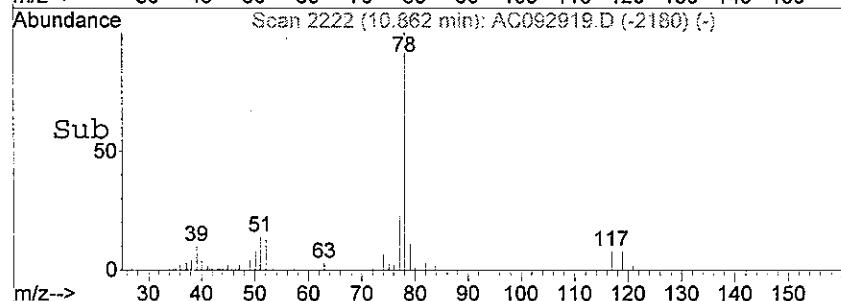
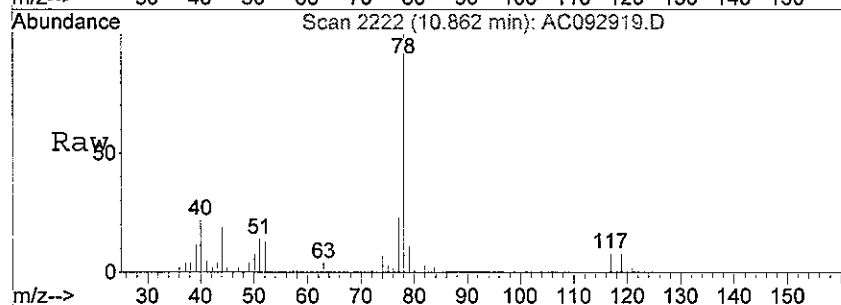
Abundance Ion 117.00 (116.70 to 117.70): AC092919.D
Ion 119.00 (118.70 to 119.70): AC092919.D





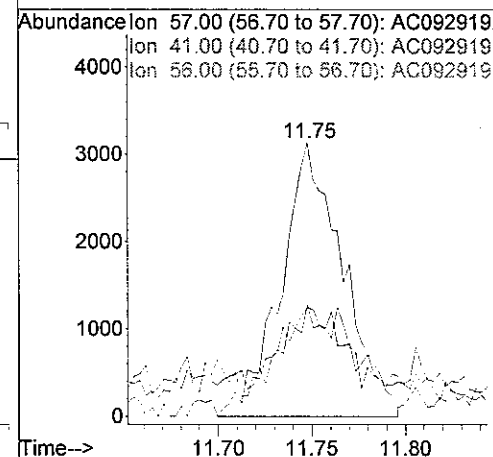
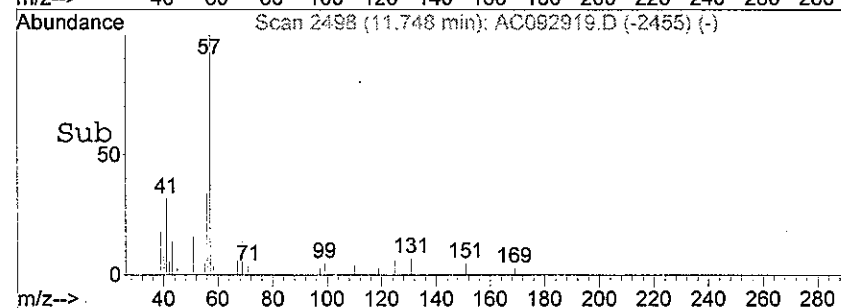
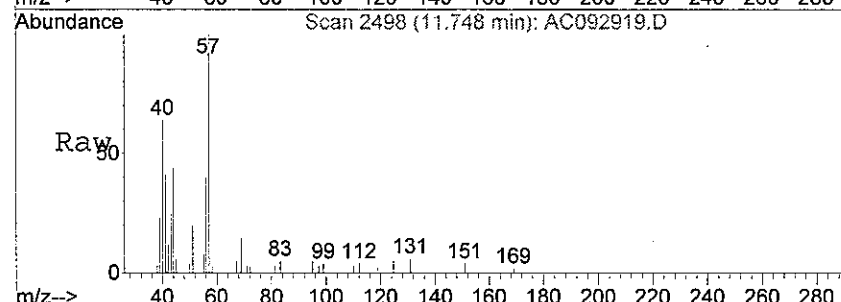
#34
Benzene
Concen: 0.29 ppb
RT: 10.86 min Scan# 2222
Delta R.T. -0.02 min
Lab File: AC092919.D
Acq: 30 Sep 2005 1:23 am

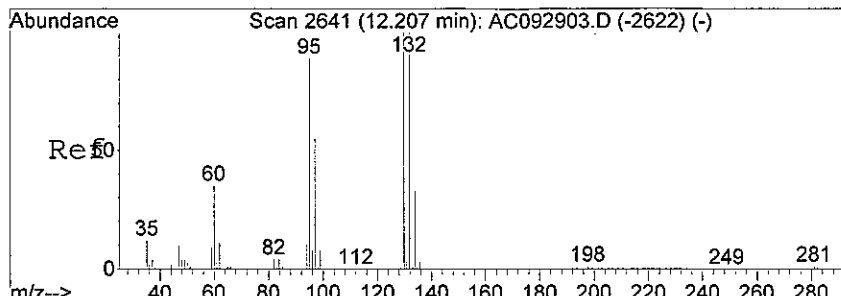
Tgt Ion: 78 Resp: 20647
Ion Ratio Lower Upper
78 100
77 11.8 3.1 43.1
51 14.1 5.7 45.7



#36
2,2,4-trimethylpentane
Concen: 0.08 ppb
RT: 11.75 min Scan# 2498
Delta R.T. -0.01 min
Lab File: AC092919.D
Acq: 30 Sep 2005 1:23 am

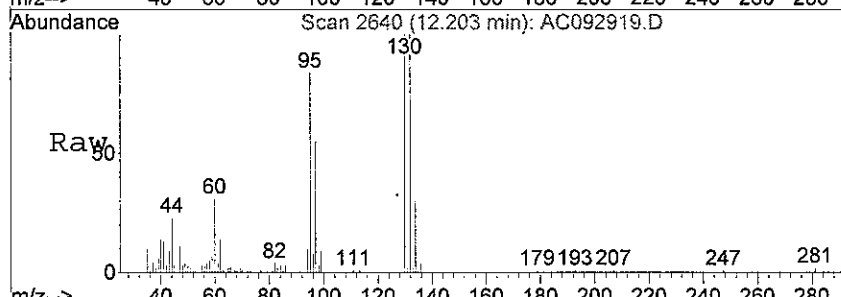
Tgt Ion: 57 Resp: 7184
Ion Ratio Lower Upper
57 100
41 23.5 10.5 50.5
56 32.4 11.1 51.1



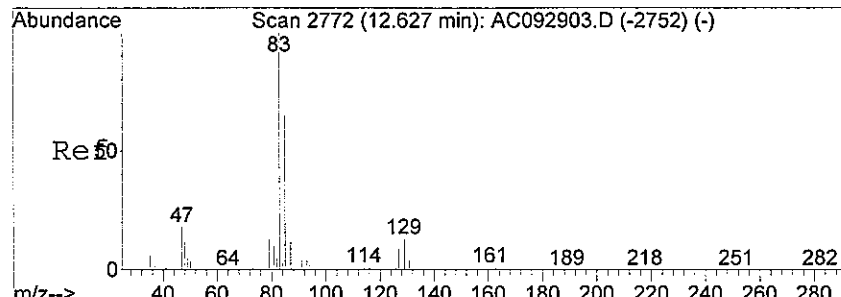
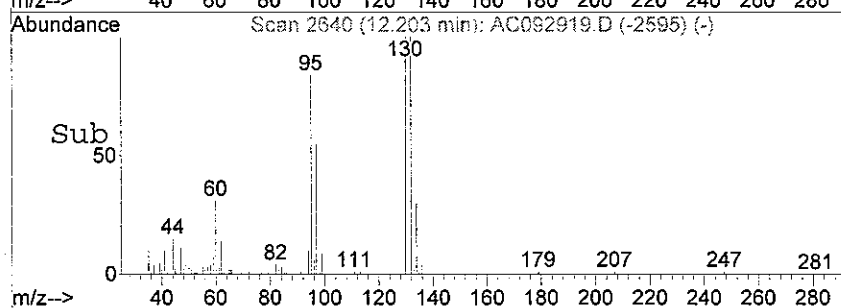
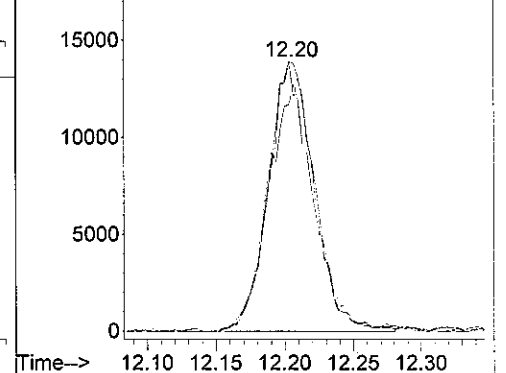


#38
 Trichloroethene
 Concen: 0.77 ppb
 RT: 12.20 min Scan# 2640
 Delta R.T. -0.01 min
 Lab File: AC092919.D
 Acq: 30 Sep 2005 1:23 am

Tgt Ion	Ratio	Lower	Upper
130	100		
132	97.7	76.8	116.8
95	88.5	89.8	129.8#

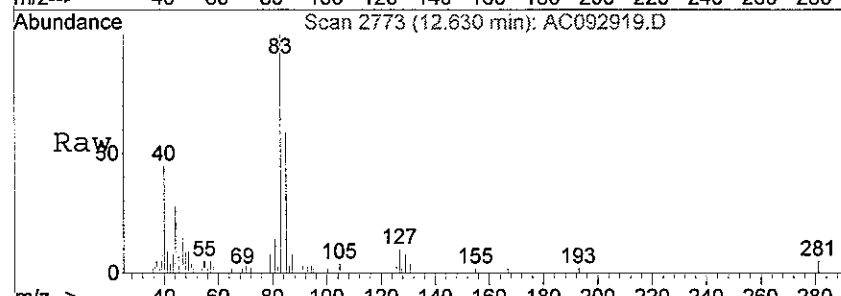


Abundance Ion 130.00 (129.70 to 130.70): AC092919.D
 Ion 132.00 (131.70 to 132.70): AC092919.D
 Ion 95.00 (94.70 to 95.70): AC092919.D

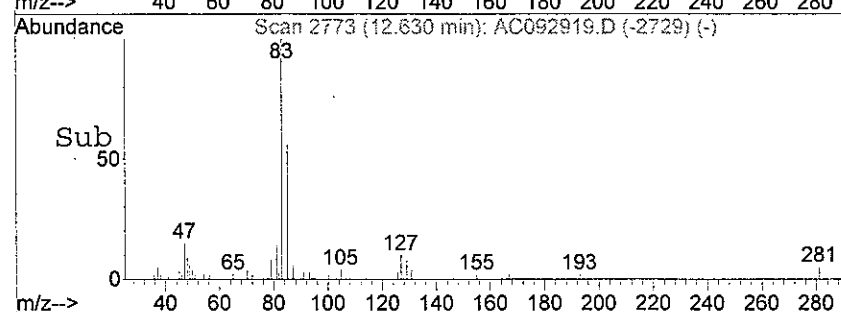
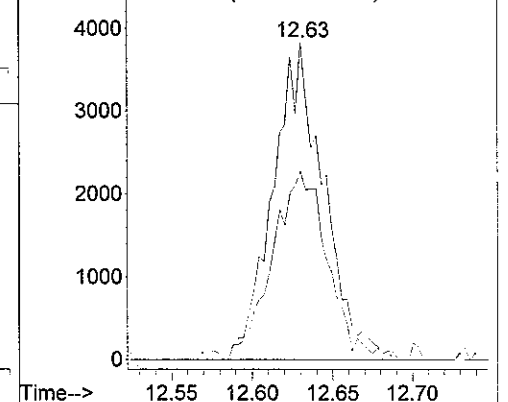


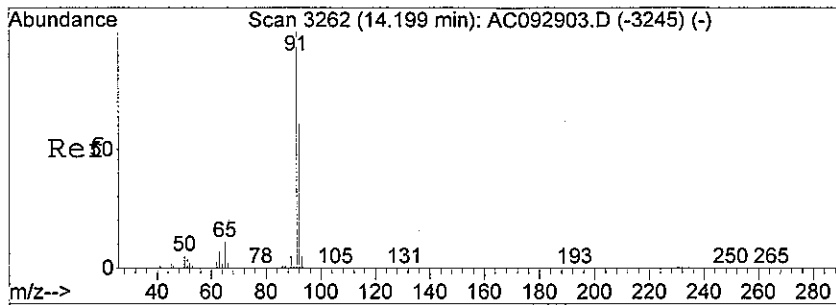
#40
 Bromodichloromethane
 Concen: 0.15 ppb
 RT: 12.63 min Scan# 2773
 Delta R.T. -0.01 min
 Lab File: AC092919.D
 Acq: 30 Sep 2005 1:23 am

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.2	44.9	84.9



Abundance Ion 83.00 (82.70 to 83.70): AC092919.D
 Ion 85.00 (84.70 to 85.70): AC092919.D





#45

Toluene

Concen: 1.85 ppb

RT: 14.20 min Scan# 3263

Delta R.T. -0.00 min

Lab File: AC092919.D

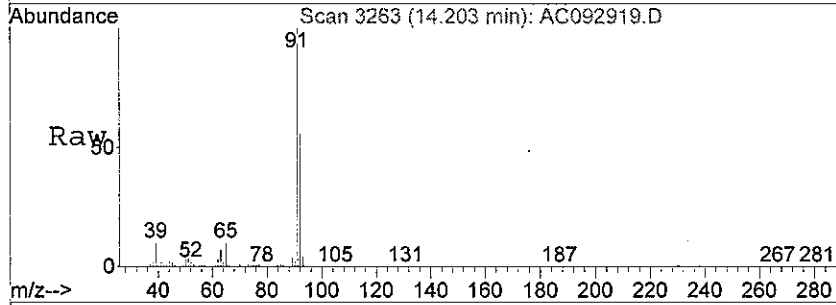
Acq: 30 Sep 2005 1:23 am

Tgt Ion: 92 Resp: 105826

Ion Ratio Lower Upper

92 100

91 178.0 151.0 191.0



Abundance Ion 92.00 (91.70 to 92.70): AC092919.D

Ion 91.00 (90.70 to 91.70): AC092919.D

100000

80000

60000

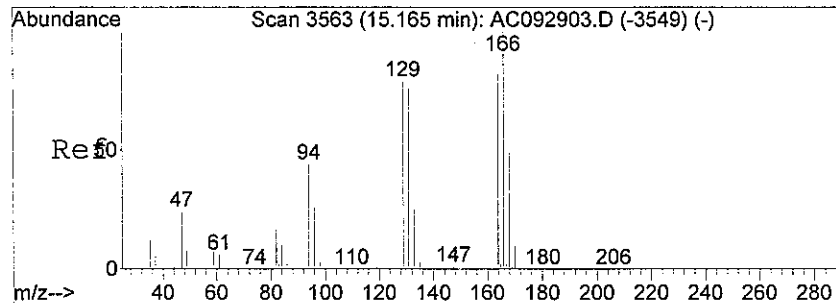
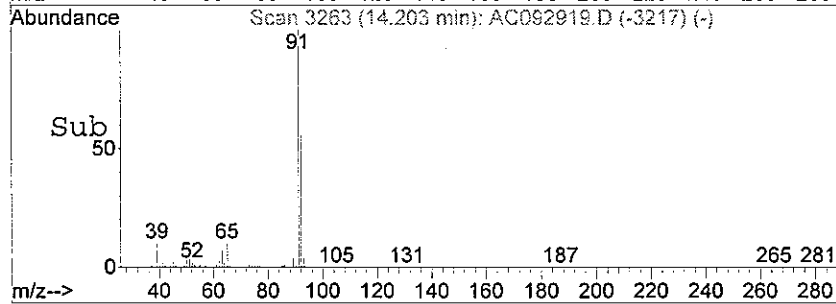
40000

20000

0

14.10 14.15 14.20 14.25

Time-->



#50

Tetrachloroethylene

Concen: 0.65 ppb

RT: 15.17 min Scan# 3564

Delta R.T. 0.00 min

Lab File: AC092919.D

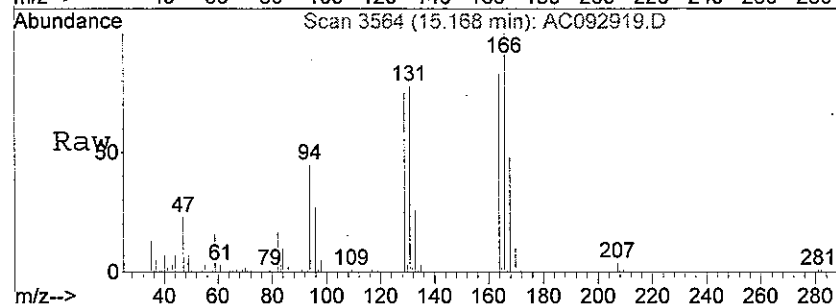
Acq: 30 Sep 2005 1:23 am

Tgt Ion: 164 Resp: 29779

Ion Ratio Lower Upper

164 100

166 124.7 106.8 146.8



Abundance Ion 164.00 (163.70 to 164.70): AC092919.D

Ion 166.00 (165.70 to 166.70): AC092919.D

20000

15000

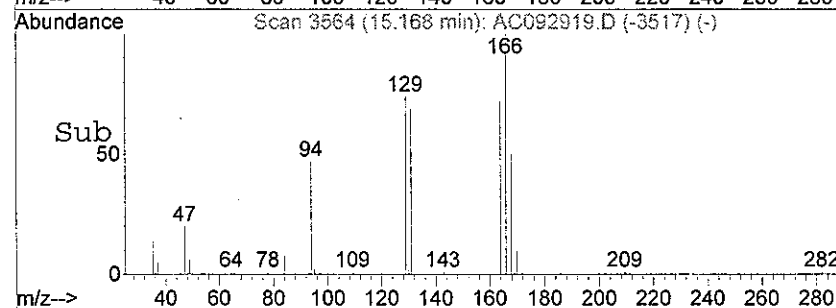
10000

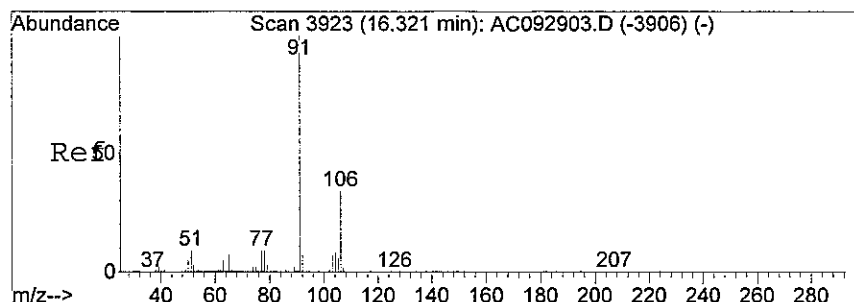
5000

0

15.10 15.15 15.20 15.25

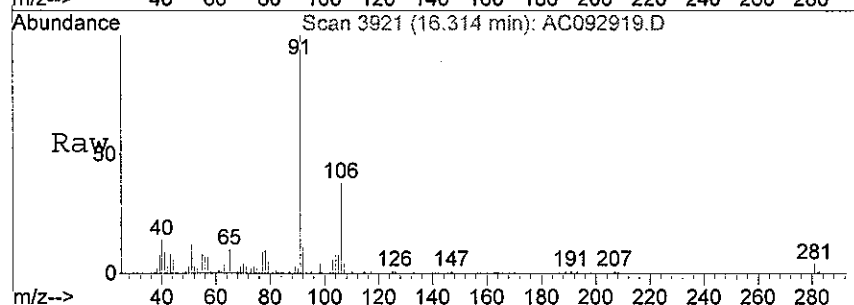
Time-->



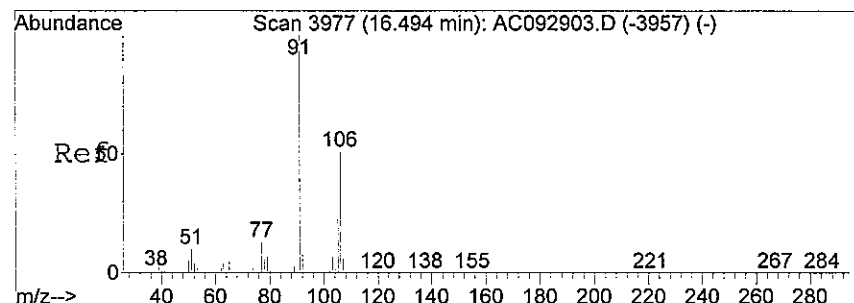
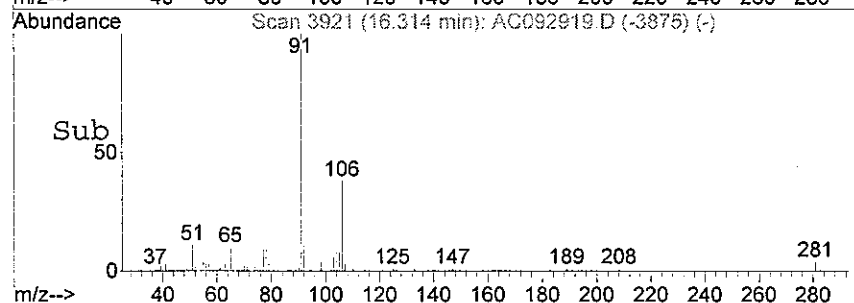
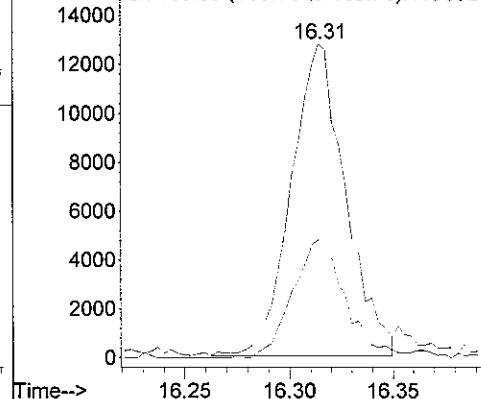


#52
Ethylbenzene
Concen: 0.22 ppb
RT: 16.31 min Scan# 3921
Delta R.T. -0.00 min
Lab File: AC092919.D
Acq: 30 Sep 2005 1:23 am

Tgt Ion: 91 Resp: 23122
Ion Ratio Lower Upper
91 100
106 36.6 10.2 50.2

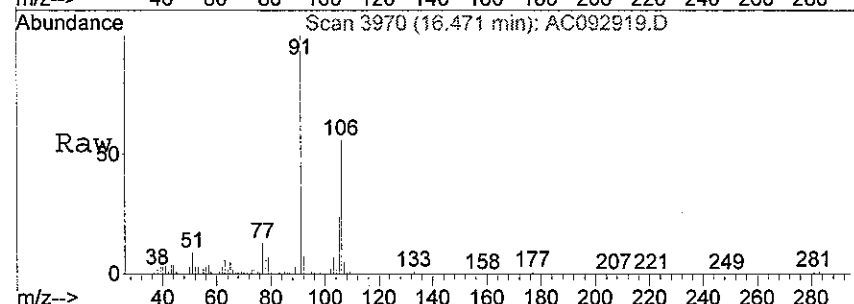


Abundance Ion 91.00 (90.70 to 91.70): AC092919.D
Ion 106.00 (105.70 to 106.70): AC092919.D

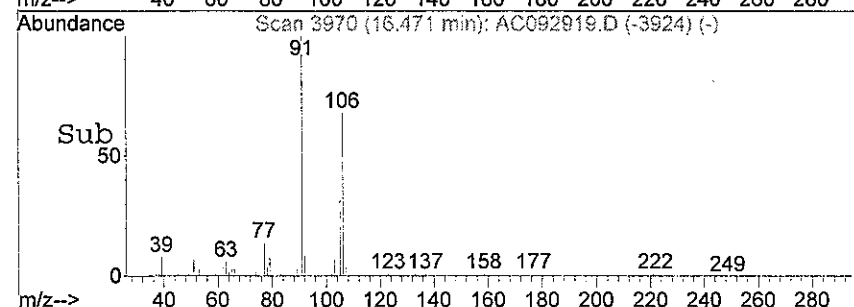
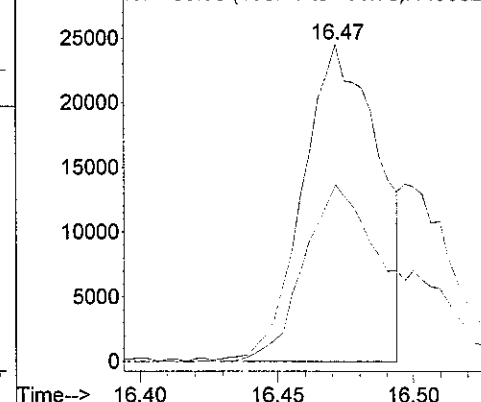


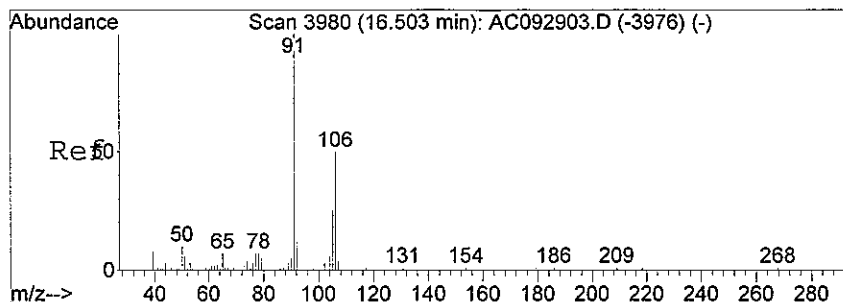
#53
m-xylene
Concen: 0.56 ppb m
RT: 16.47 min Scan# 3970
Delta R.T. -0.00 min
Lab File: AC092919.D
Acq: 30 Sep 2005 1:23 am

Tgt Ion: 91 Resp: 47207
Ion Ratio Lower Upper
91 100
106 73.0 31.7 71.7#



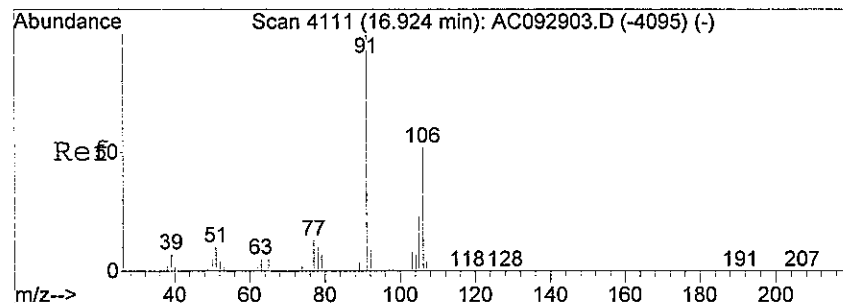
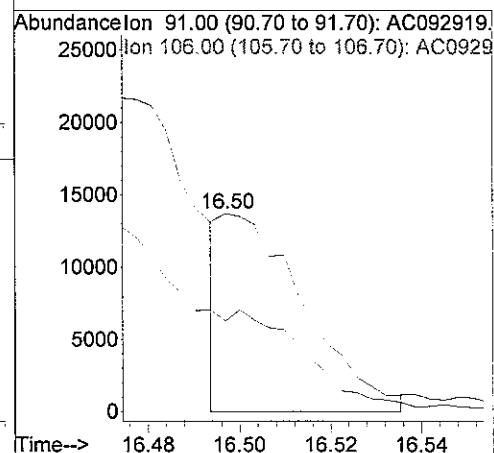
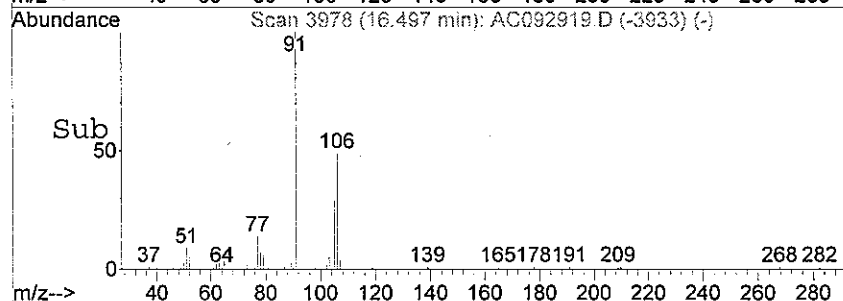
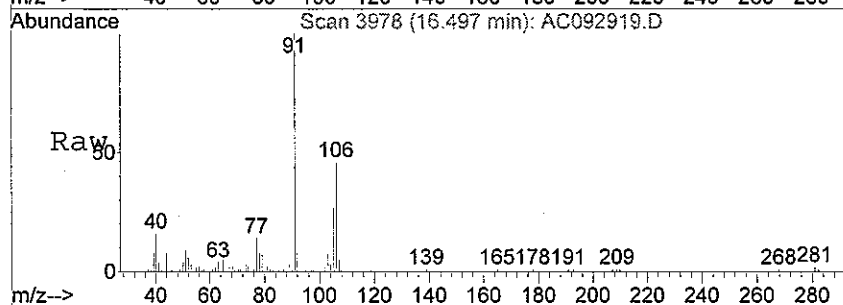
Abundance Ion 91.00 (90.70 to 91.70): AC092919.D
Ion 106.00 (105.70 to 106.70): AC092919.D





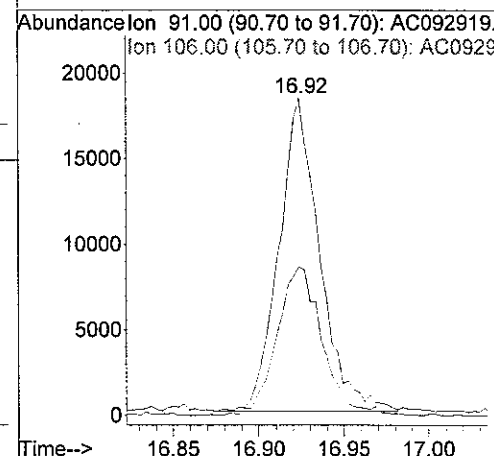
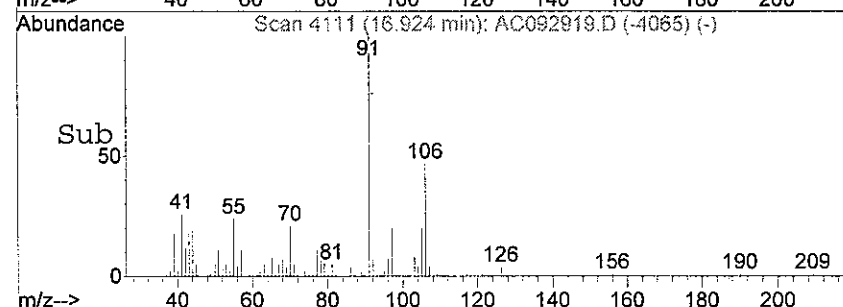
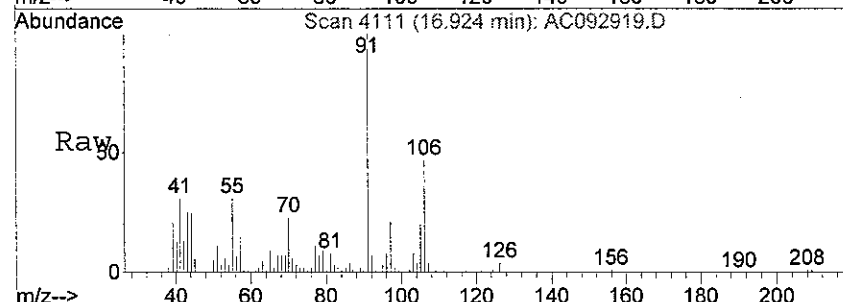
#54
p-xylene
Concen: 0.18 ppb m
RT: 16.50 min Scan# 3978
Delta R.T. -0.01 min
Lab File: AC092919.D
Acq: 30 Sep 2005 1:23 am

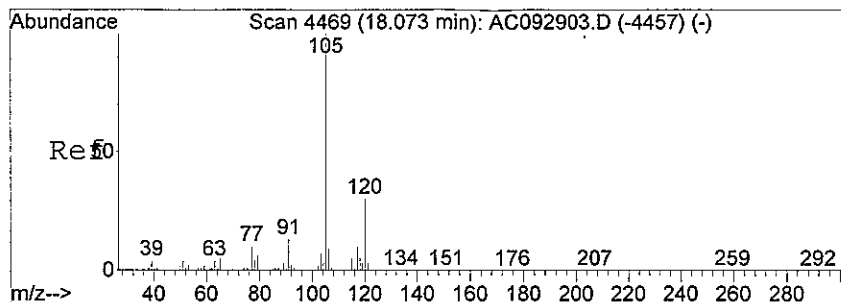
Tgt Ion: 91 Resp: 17504
Ion Ratio Lower Upper
91 100
106 196.8 22.7 62.7#



#57
o-xylene
Concen: 0.30 ppb
RT: 16.92 min Scan# 4111
Delta R.T. -0.00 min
Lab File: AC092919.D
Acq: 30 Sep 2005 1:23 am

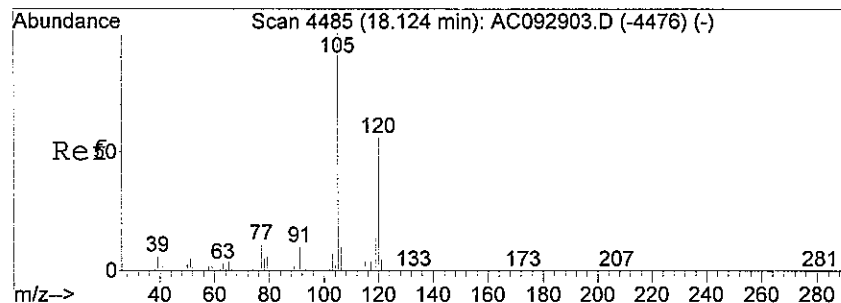
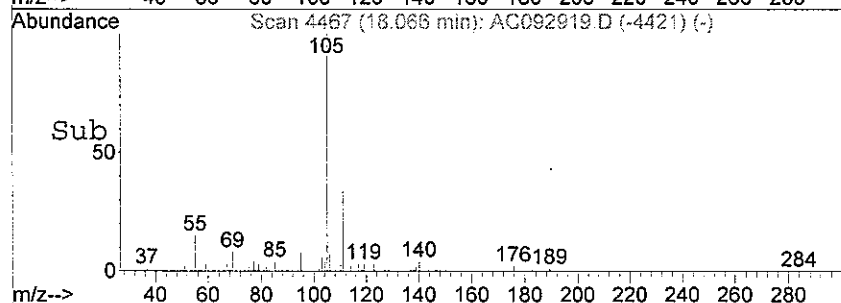
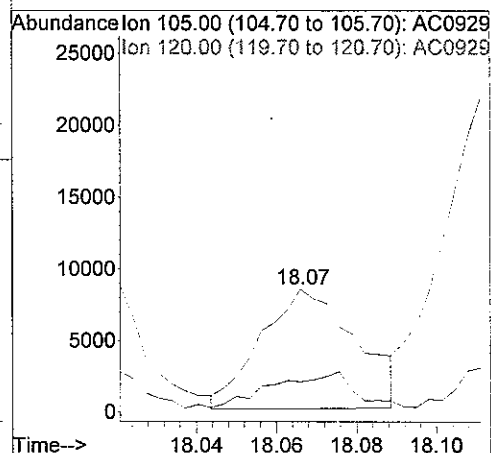
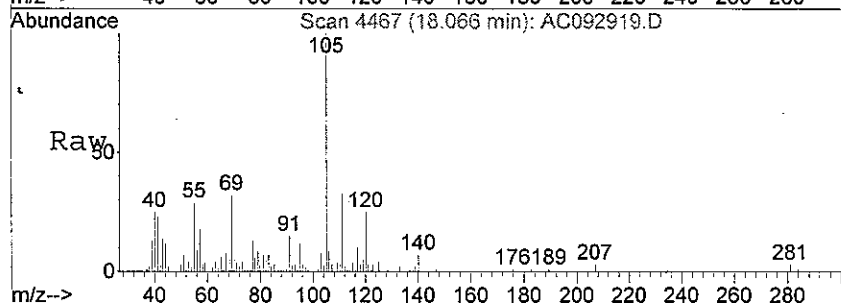
Tgt Ion: 91 Resp: 30492
Ion Ratio Lower Upper
91 100
106 52.8 23.8 63.8





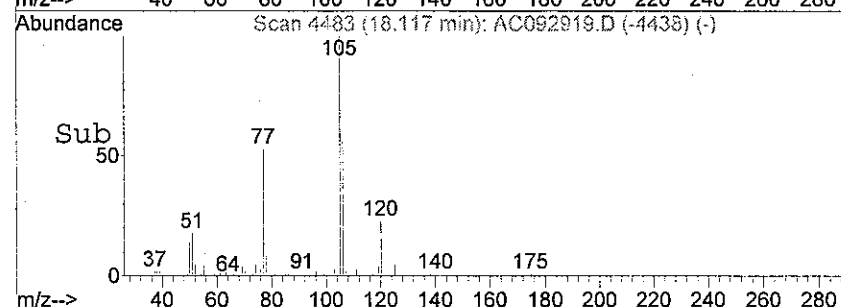
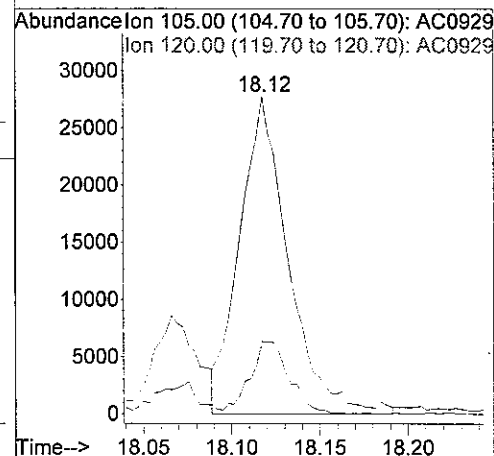
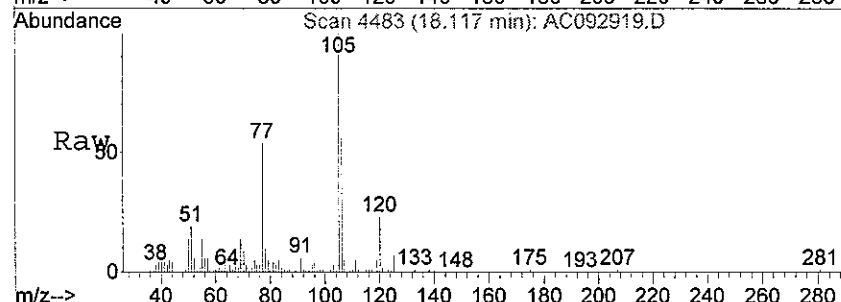
#60
4-ethyltoluene
Concen: 0.20 ppb
RT: 18.07 min Scan# 4467
Delta R.T. -0.00 min
Lab File: AC092919.D
Acq: 30 Sep 2005 1:23 am

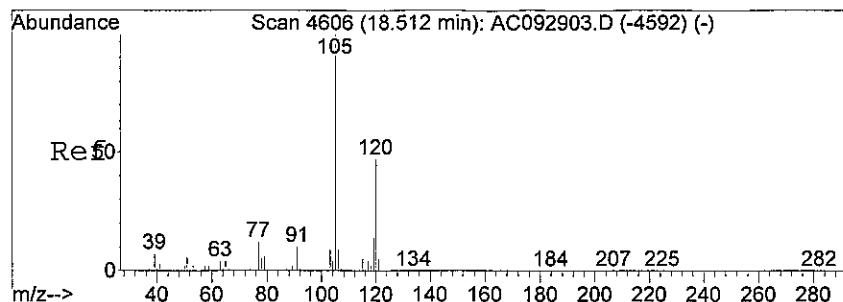
Tgt Ion:105 Resp: 13711
Ion Ratio Lower Upper
105 100
120 31.6 8.6 48.6



#61
1,3,5-trimethylbenzene
Concen: 0.56 ppb m
RT: 18.12 min Scan# 4483
Delta R.T. -0.01 min
Lab File: AC092919.D
Acq: 30 Sep 2005 1:23 am

Tgt Ion:105 Resp: 53311
Ion Ratio Lower Upper
105 100
120 7.7 21.5 61.5#





#62

1,2,4-trimethylbenzene

Concen: 0.79 ppb

RT: 18.51 min Scan# 4605

Delta R.T. -0.01 min

Lab File: AC092919.D

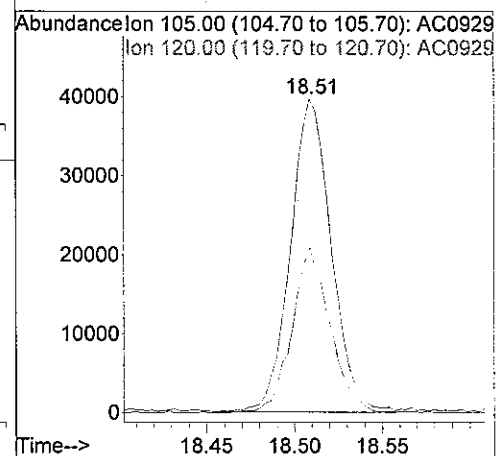
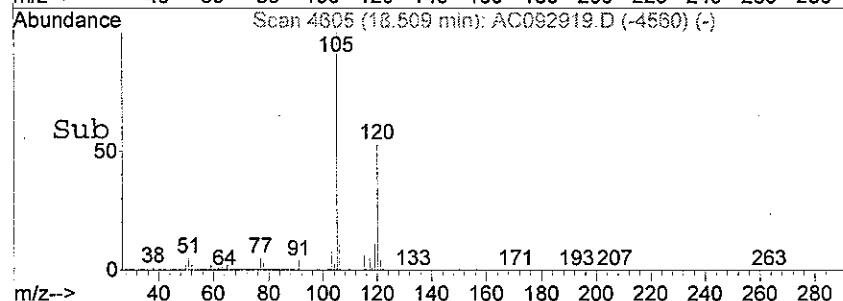
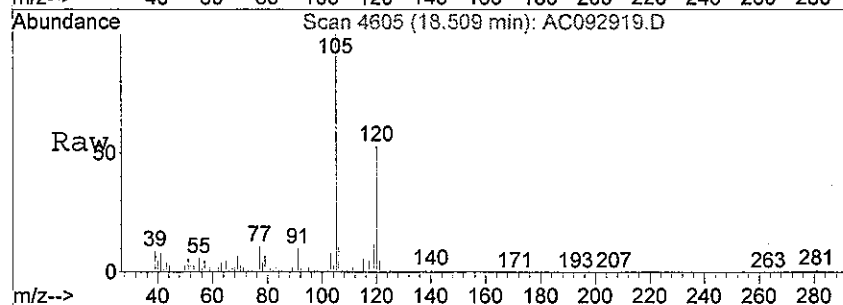
Acq: 30 Sep 2005 1:23 am

Tgt Ion: 105 Resp: 64239

Ion Ratio Lower Upper

105 100

120 49.5 20.9 60.9



Data File : C:\MSDCHEM\1\DATA\AC092926.D

Vial: 14

Acq On : 30 Sep 2005 7:20 am

Operator: RJP

Sample : C0509018-004A 10x

Inst : MSD #1

Misc : C0509018-004A

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Sep 30 07:43:41 2005

Quant Results File: A905_1UT.RES

Quant Method : C:\MSDCHEM\1\METHODS\A905_1UT.M (RTE Integrator)

Title : TO-15 VOA Standards for 5 point calibration

Last Update : Tue Sep 06 13:55:05 2005

Response via : Initial Calibration

DataAcq Meth : A905_1UT

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	9.27	128	21053m <i>P</i>	1.00	ppb	-0.01
30) 1,4-difluorobenzene	11.57	114	45219	1.00	ppb	-0.02
44) Chlorobenzene-d5	16.03	117	49317	1.00	ppb	0.00

System Monitoring Compounds

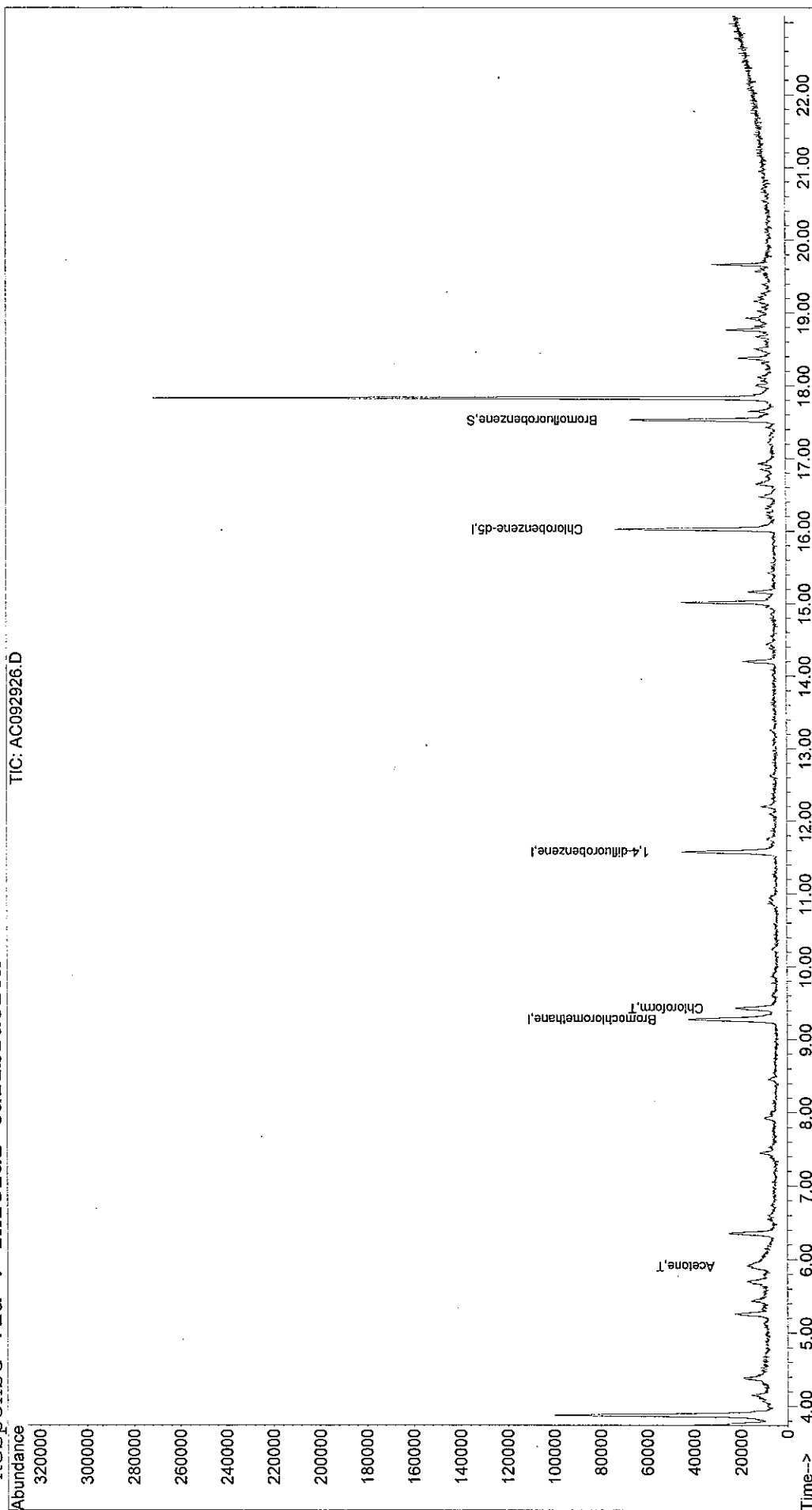
58) Bromofluorobenzene	17.52	95	22372	0.89	ppb	0.00
Spiked Amount	1.000	Range	70 - 130	Recovery	=	89.00%

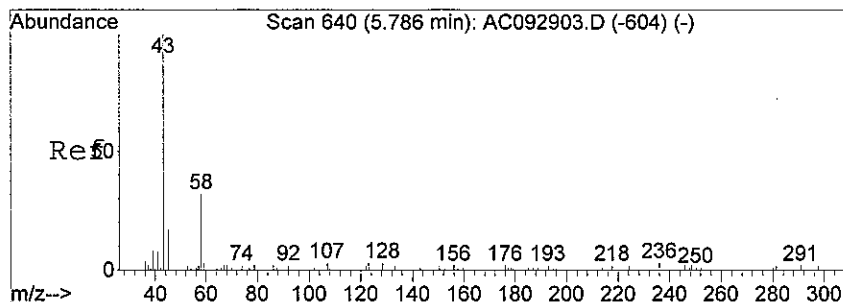
Target Compounds

12) Acetone	5.90	58	15215m <i>P</i>	1.45	ppb	Qvalue
27) Chloroform	9.43	83	18993m <i>V</i>	0.35	ppb	

Data File : C:\MSDCHEM\1\DATA\AC092926.D
Acq On : 30 Sep 2005 7:20 am Vial: 14
Sample : C0509018-004A 10x Operator: RJP
Misc : C0509018-004A Inst : MSD #1
MS Integration Params: RTEINT.P Multiplr: 1.00
Quant Time: Sep 30 8:36 2005 Quant Results File: A905_1UT.RES

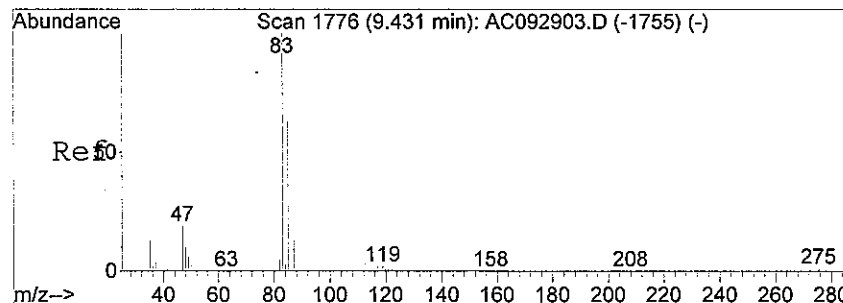
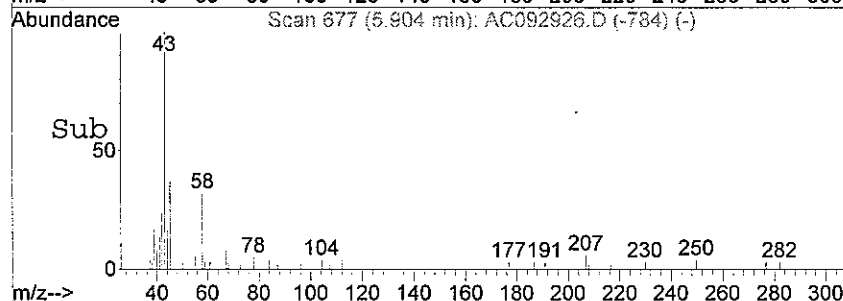
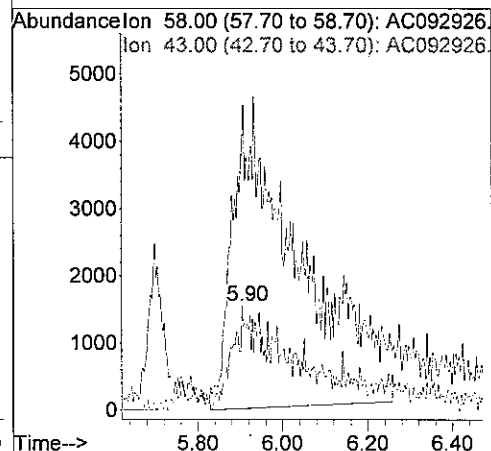
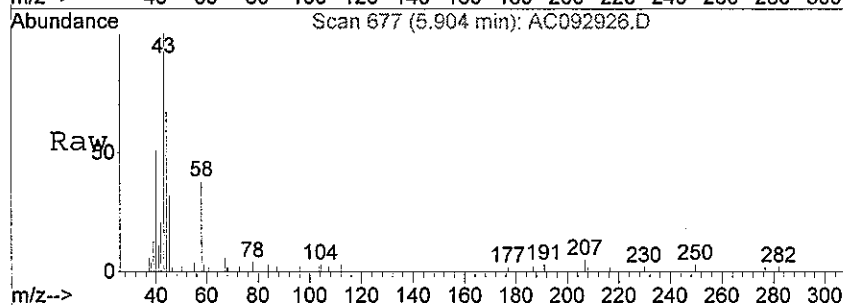
Method : C:\MSDCHEM\1\METHODS\A905_1UT.M (RTE Integrator)
Title : TO-15 VOA Standards for 5 point calibration
Last Update : Sun Oct 09 14:17:27 2005
Response via : Initial Calibration





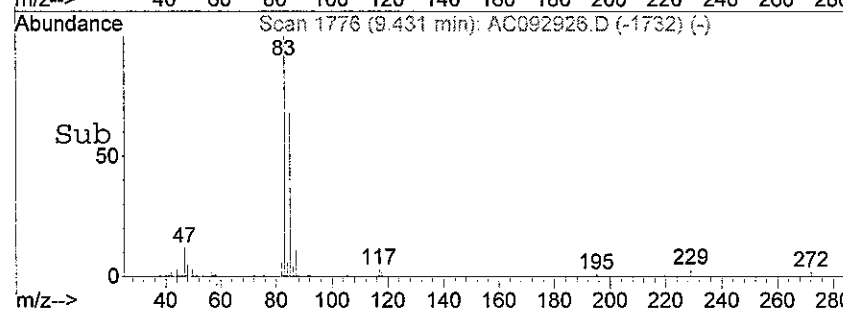
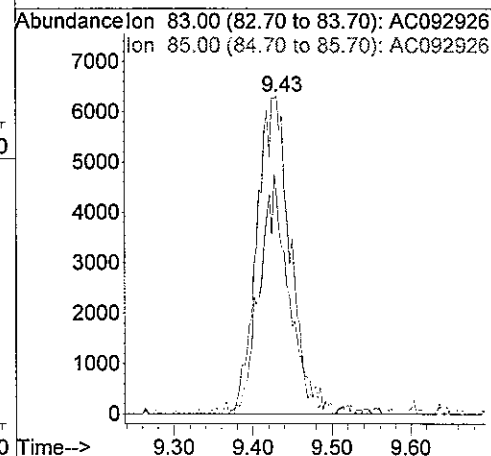
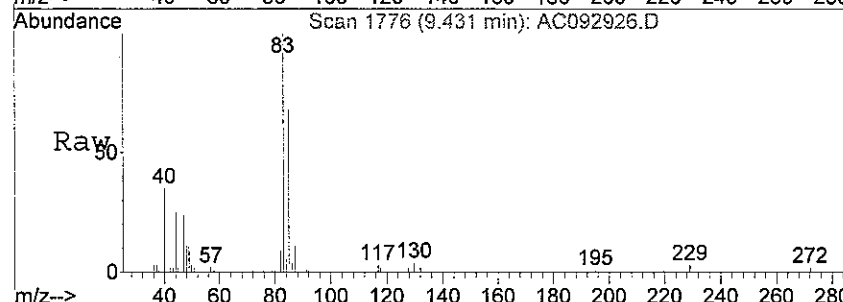
#12
Acetone
Concen: 1.45 ppb m
RT: 5.90 min Scan# 677
Delta R.T. -0.49 min
Lab File: AC092926.D
Acq: 30 Sep 2005 7:20 am

Tgt Ion: 58 Resp: 15215
Ion Ratio Lower Upper
58 100
43 0.5 0.0 30.0



#27
Chloroform
Concen: 0.35 ppb m
RT: 9.43 min Scan# 1776
Delta R.T. -0.01 min
Lab File: AC092926.D
Acq: 30 Sep 2005 7:20 am

Tgt Ion: 83 Resp: 18993
Ion Ratio Lower Upper
83 100
85 63.5 46.2 86.2



Centek Laboratories, LLC

Date: 09-Oct-05

CLIENT: ESC Environmental
Lab Order: C0509018
Project: 127491.05
Lab ID: C0509018-005A

Client Sample ID: RD3SS092205
Tag Number: 248, 175
Collection Date: 9/22/2005
Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15 1UG/M3 W/ 0.25UG/M3 TCE		TO-15		Analyst: RJP		
1,1,1-Trichloroethane	0.380	0.150		ppbV	1	9/29/2005
1,1,2,2-Tetrachloroethane	ND	0.150		ppbV	1	9/29/2005
1,1,2-Trichloroethane	ND	0.150		ppbV	1	9/29/2005
1,1-Dichloroethane	ND	0.150		ppbV	1	9/29/2005
1,1-Dichloroethene	ND	0.150		ppbV	1	9/29/2005
1,2,4-Trichlorobenzene	ND	0.150		ppbV	1	9/29/2005
1,2,4-Trimethylbenzene	0.900	0.150		ppbV	1	9/29/2005
1,2-Dibromoethane	ND	0.150		ppbV	1	9/29/2005
1,2-Dichlorobenzene	ND	0.150		ppbV	1	9/29/2005
1,2-Dichloroethane	ND	0.150		ppbV	1	9/29/2005
1,2-Dichloropropane	ND	0.150		ppbV	1	9/29/2005
1,3,5-Trimethylbenzene	0.540	0.150		ppbV	1	9/29/2005
1,3-butadiene	ND	0.150		ppbV	1	9/29/2005
1,3-Dichlorobenzene	ND	0.150		ppbV	1	9/29/2005
1,4-Dichlorobenzene	ND	0.150		ppbV	1	9/29/2005
1,4-Dioxane	ND	0.300		ppbV	1	9/29/2005
2,2,4-trimethylpentane	ND	0.150		ppbV	1	9/29/2005
4-ethyltoluene	0.210	0.150		ppbV	1	9/29/2005
Acetone	9.10	3.00		ppbV	10	9/29/2005
Allyl chloride	ND	0.150		ppbV	1	9/29/2005
Benzene	0.290	0.150		ppbV	1	9/29/2005
Benzyl chloride	ND	0.150		ppbV	1	9/29/2005
Bromodichloromethane	0.800	0.150		ppbV	1	9/29/2005
Bromoform	ND	0.150		ppbV	1	9/29/2005
Bromomethane	ND	0.150		ppbV	1	9/29/2005
Carbon disulfide	0.310	0.150		ppbV	1	9/29/2005
Carbon tetrachloride	0.210	0.150		ppbV	1	9/29/2005
Chlorobenzene	ND	0.150		ppbV	1	9/29/2005
Chloroethane	ND	0.150		ppbV	1	9/29/2005
Chloroform	15.8	1.50		ppbV	10	9/29/2005
Chloromethane	ND	0.150		ppbV	1	9/29/2005
cis-1,2-Dichloroethene	ND	0.150		ppbV	1	9/29/2005
cis-1,3-Dichloropropene	ND	0.150		ppbV	1	9/29/2005
Cyclohexane	ND	0.150		ppbV	1	9/29/2005
Dibromochloromethane	ND	0.150		ppbV	1	9/29/2005
Ethyl acetate	ND	0.250		ppbV	1	9/29/2005
Ethylbenzene	0.290	0.150		ppbV	1	9/29/2005
Freon 11	0.440	0.150		ppbV	1	9/29/2005
Freon 113	0.460	0.150		ppbV	1	9/29/2005
Freon 114	ND	0.150		ppbV	1	9/29/2005

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 at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 09-Oct-05

CLIENT: ESC Environmental
Lab Order: C0509018
Project: 127491.05
Lab ID: C0509018-005A

Client Sample ID: RD3SS092205
Tag Number: 248, 175
Collection Date: 9/22/2005
Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15 1UG/M3 W/ 0.25UG/M3 TCE		TO-15		Analyst: RJP		
Freon 12	0.770	0.150		ppbV	1	9/29/2005
Heptane	ND	0.150		ppbV	1	9/29/2005
Hexachloro-1,3-butadiene	ND	0.150		ppbV	1	9/29/2005
Hexane	0.570	0.150		ppbV	1	9/29/2005
Isopropyl alcohol	ND	0.150		ppbV	1	9/29/2005
m-Xylene	0.650	0.150		ppbV	1	9/29/2005
Methyl Butyl Ketone	ND	0.300		ppbV	1	9/29/2005
Methyl Ethyl Ketone	ND	0.300		ppbV	1	9/29/2005
Methyl Isobutyl Ketone	ND	0.300		ppbV	1	9/29/2005
Methyl tert-butyl ether	ND	0.150		ppbV	1	9/29/2005
Methylene chloride	0.300	0.150		ppbV	1	9/29/2005
o-Xylene	0.440	0.150		ppbV	1	9/29/2005
p-Xylene	0.340	0.150		ppbV	1	9/29/2005
Propylene	ND	0.150		ppbV	1	9/29/2005
Styrene	ND	0.150		ppbV	1	9/29/2005
Tetrachloroethylene	6.50	1.50		ppbV	10	9/29/2005
Tetrahydrofuran	ND	0.150		ppbV	1	9/29/2005
Toluene	2.70	1.50		ppbV	10	9/29/2005
trans-1,2-Dichloroethene	ND	0.150		ppbV	1	9/29/2005
trans-1,3-Dichloropropene	ND	0.150		ppbV	1	9/29/2005
Trichloroethene	1.32	0.0400		ppbV	1	9/29/2005
Vinyl acetate	ND	0.150		ppbV	1	9/29/2005
Vinyl Bromide	ND	0.150		ppbV	1	9/29/2005
Vinyl chloride	ND	0.150		ppbV	1	9/29/2005
Surr: Bromofluorobenzene	106	70-130		%REC	1	9/29/2005

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 at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 09-Oct-05

CLIENT: ESC Environmental
 Lab Order: C0509018
 Project: 127491.05
 Lab ID: C0509018-005A

Client Sample ID: RD3SS092205
 Tag Number: 248, 175
 Collection Date: 9/22/2005
 Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15 1UG/M3 W/ 0.25UG/M3 TCE		TO-15		Analyst: RJP		
1,1,1-Trichloroethane	2.11	0.832		ug/m3	1	9/29/2005
1,1,2,2-Tetrachloroethane	ND	1.05		ug/m3	1	9/29/2005
1,1,2-Trichloroethane	ND	0.832		ug/m3	1	9/29/2005
1,1-Dichloroethane	ND	0.617		ug/m3	1	9/29/2005
1,1-Dichloroethene	ND	0.605		ug/m3	1	9/29/2005
1,2,4-Trichlorobenzene	ND	1.13		ug/m3	1	9/29/2005
1,2,4-Trimethylbenzene	4.50	0.749		ug/m3	1	9/29/2005
1,2-Dibromoethane	ND	1.17		ug/m3	1	9/29/2005
1,2-Dichlorobenzene	ND	0.917		ug/m3	1	9/29/2005
1,2-Dichloroethane	ND	0.617		ug/m3	1	9/29/2005
1,2-Dichloropropane	ND	0.705		ug/m3	1	9/29/2005
1,3,5-Trimethylbenzene	2.70	0.750		ug/m3	1	9/29/2005
1,3-butadiene	ND	0.337		ug/m3	1	9/29/2005
1,3-Dichlorobenzene	ND	0.917		ug/m3	1	9/29/2005
1,4-Dichlorobenzene	ND	0.917		ug/m3	1	9/29/2005
1,4-Dioxane	ND	1.10		ug/m3	1	9/29/2005
2,2,4-trimethylpentane	ND	0.712		ug/m3	1	9/29/2005
4-ethyltoluene	1.05	0.750		ug/m3	1	9/29/2005
Acetone	22.0	7.24		ug/m3	10	9/29/2005
Allyl chloride	ND	0.477		ug/m3	1	9/29/2005
Benzene	0.942	0.487		ug/m3	1	9/29/2005
Benzyl chloride	ND	0.877		ug/m3	1	9/29/2005
Bromodichloromethane	5.45	1.02		ug/m3	1	9/29/2005
Bromoform	ND	1.58		ug/m3	1	9/29/2005
Bromomethane	ND	0.592		ug/m3	1	9/29/2005
Carbon disulfide	0.981	0.475		ug/m3	1	9/29/2005
Carbon tetrachloride	1.34	0.959		ug/m3	1	9/29/2005
Chlorobenzene	ND	0.702		ug/m3	1	9/29/2005
Chloroethane	ND	0.402		ug/m3	1	9/29/2005
Chloroform	78.4	7.44		ug/m3	10	9/29/2005
Chloromethane	ND	0.315		ug/m3	1	9/29/2005
cis-1,2-Dichloroethene	ND	0.604		ug/m3	1	9/29/2005
cis-1,3-Dichloropropene	ND	0.692		ug/m3	1	9/29/2005
Cyclohexane	ND	0.525		ug/m3	1	9/29/2005
Dibromochloromethane	ND	1.30		ug/m3	1	9/29/2005
Ethyl acetate	ND	0.916		ug/m3	1	9/29/2005
Ethylbenzene	1.28	0.662		ug/m3	1	9/29/2005
Freon 11	2.51	0.857		ug/m3	1	9/29/2005
Freon 113	3.58	1.17		ug/m3	1	9/29/2005
Freon 114	ND	1.07		ug/m3	1	9/29/2005

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 at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 09-Oct-05

CLIENT: ESC Environmental
 Lab Order: C0509018
 Project: 127491.05
 Lab ID: C0509018-005A

Client Sample ID: RD3SS092205
 Tag Number: 248, 175
 Collection Date: 9/22/2005
 Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15 1UG/M3 W/ 0.25UG/M3 TCE		TO-15		Analyst: RJP		
Freon 12	3.87	0.754		ug/m3	1	9/29/2005
Heptane	ND	0.625		ug/m3	1	9/29/2005
Hexachloro-1,3-butadiene	ND	1.63		ug/m3	1	9/29/2005
Hexane	2.04	0.537		ug/m3	1	9/29/2005
Isopropyl alcohol	ND	0.375		ug/m3	1	9/29/2005
m-Xylene	2.87	0.662		ug/m3	1	9/29/2005
Methyl Butyl Ketone	ND	1.25		ug/m3	1	9/29/2005
Methyl Ethyl Ketone	ND	0.899		ug/m3	1	9/29/2005
Methyl Isobutyl Ketone	ND	1.25		ug/m3	1	9/29/2005
Methyl tert-butyl ether	ND	0.550		ug/m3	1	9/29/2005
Methylene chloride	1.06	0.530		ug/m3	1	9/29/2005
o-Xylene	1.94	0.662		ug/m3	1	9/29/2005
p-Xylene	1.50	0.662		ug/m3	1	9/29/2005
Propylene	ND	0.262		ug/m3	1	9/29/2005
Styrene	ND	0.649		ug/m3	1	9/29/2005
Tetrachloroethylene	44.8	10.3		ug/m3	10	9/29/2005
Tetrahydrofuran	ND	0.450		ug/m3	1	9/29/2005
Toluene	10.3	5.75		ug/m3	10	9/29/2005
trans-1,2-Dichloroethene	ND	0.604		ug/m3	1	9/29/2005
trans-1,3-Dichloropropene	ND	0.692		ug/m3	1	9/29/2005
Trichloroethene	7.21	0.218		ug/m3	1	9/29/2005
Vinyl acetate	ND	0.537		ug/m3	1	9/29/2005
Vinyl Bromide	ND	0.667		ug/m3	1	9/29/2005
Vinyl chloride	ND	0.390		ug/m3	1	9/29/2005

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 at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Data File : C:\MSDCHEM\1\DATA\AC092920.D

Vial: 8

Acq On : 30 Sep 2005 2:00 am

Operator: RJP

Sample : C0509018-005A

Inst : MSD #1

Misc : C0509018-005A

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Sep 30 02:23:13 2005

Quant Results File: A905_1UT.RES

Quant Method : C:\MSDCHEM\1\METHODS\A905_1UT.M (RTE Integrator)

Title : TO-15 VOA Standards for 5 point calibration

Last Update : Tue Sep 06 13:55:05 2005

Response via : Initial Calibration

DataAcq Meth : A905_1UT

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	9.28	128	21827	1.00	ppb	0.00
30) 1,4-difluorobenzene	11.58	114	75528	1.00	ppb	0.00
44) Chlorobenzene-d5	16.03	117	81392	1.00	ppb	0.00

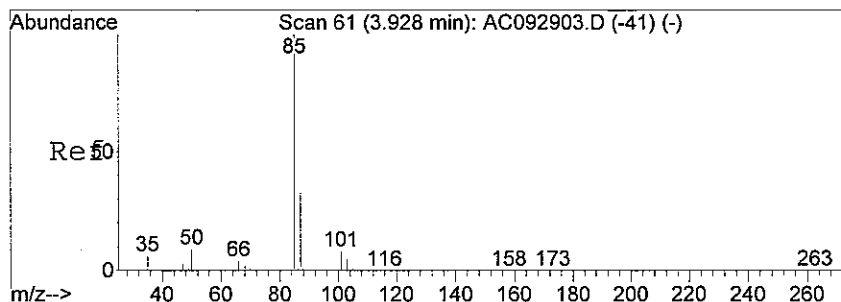
System Monitoring Compounds

58) Bromofluorobenzene	17.53	95	43912	1.06	ppb	0.00
Spiked Amount	1.000	Range	70 - 130	Recovery	=	106.00%

Target Compounds

	R.T.	QIon	Response	Conc	Units	Qvalue
3) Freon 12	3.91	85	54776	0.77	ppb	98
11) Freon 11	5.44	101	41736	0.44	ppb	100
12) Acetone	5.82	58	91581m	8.43	ppb	
15) Freon 113	6.37	101	30263	0.46	ppb	# 56
16) Methylene chloride	6.61	84	7186	0.30	ppb	# 60
18) Carbon disulfide	6.75	76	28924	0.31	ppb	96
25) Hexane	8.47	41	12501	0.57	ppb	# 87
27) Chloroform	9.44	83	924683	16.44	ppb	100
31) 1,1,1-trichloroethane	10.26	97	20370	0.38	ppb	100
33) Carbon tetrachloride	10.90	117	13777	0.21	ppb	100
34) Benzene	10.87	78	19838	0.29	ppb	88
38) Trichloroethene	12.20	130	53936	1.32	ppb	# 88
40) Bromodichloromethane	12.63	83	41630	0.80	ppb	99
45) Toluene	14.20	92	153743	2.76	ppb	97
50) Tetrachloroethylene	15.17	164	251255	5.60	ppb	100
52) Ethylbenzene	16.31	91	29757	0.29	ppb	92
53) m-xylene	16.47	91	53702m	0.65	ppb	
54) p-xylene	16.48	91	31257m	0.34	ppb	
57) o-xylene	16.92	91	43624	0.44	ppb	87
60) 4-ethyltoluene	18.06	105	14393	0.21	ppb	86
61) 1,3,5-trimethylbenzene	18.11	105	50696m	0.54	ppb	
62) 1,2,4-trimethylbenzene	18.51	105	71347	0.90	ppb	89

(#) = qualifier out of range (m) = manual integration (+) = signals summed
 AC092920.D A905_1UT.M Sun Oct 09 14:18:44 2005 MSA Page 1



#3

Freon 12

Concen: 0.77 ppb

RT: 3.91 min Scan# 57

Delta R.T. -0.01 min

Lab File: AC092920.D

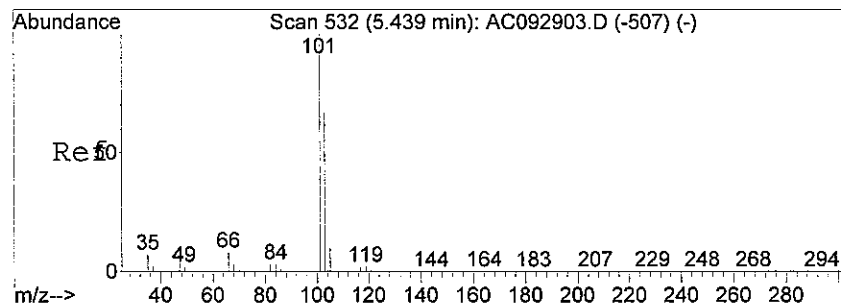
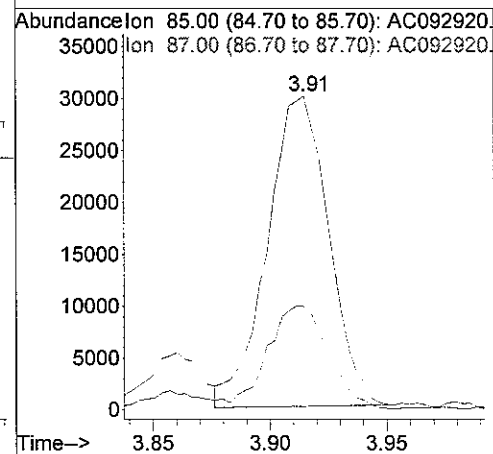
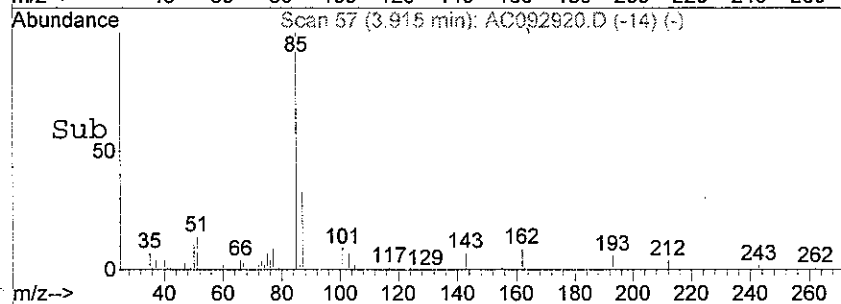
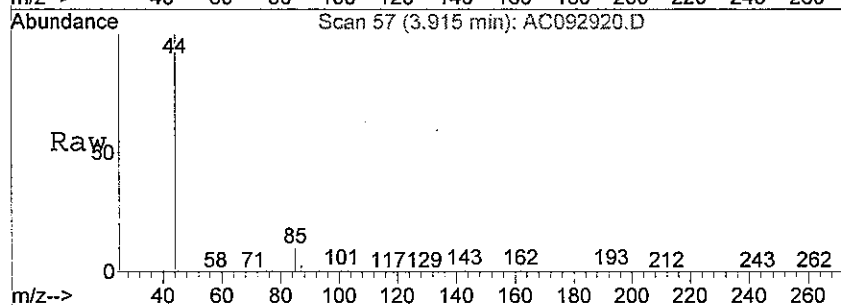
Acq: 30 Sep 2005 2:00 am

Tgt Ion: 85 Resp: 54776

Ion Ratio Lower Upper

85 100

87 33.1 12.1 52.1



#11

Freon 11

Concen: 0.44 ppb

RT: 5.44 min Scan# 531

Delta R.T. -0.02 min

Lab File: AC092920.D

Acq: 30 Sep 2005 2:00 am

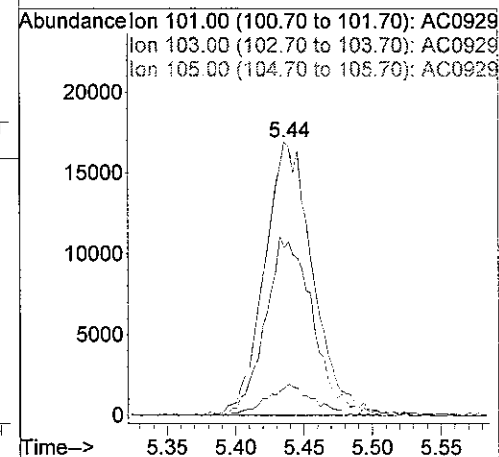
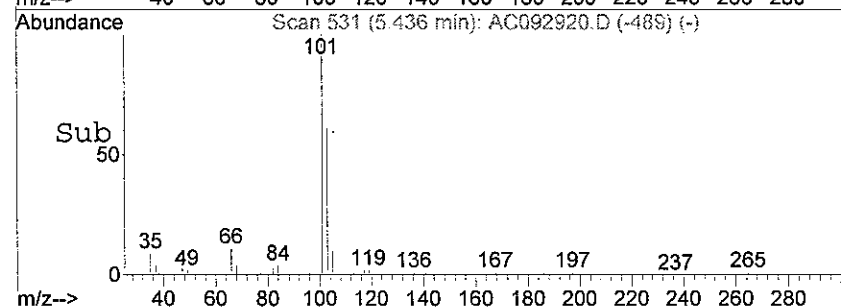
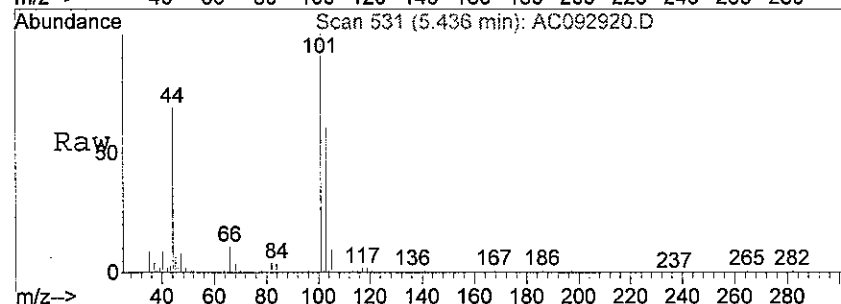
Tgt Ion: 101 Resp: 41736

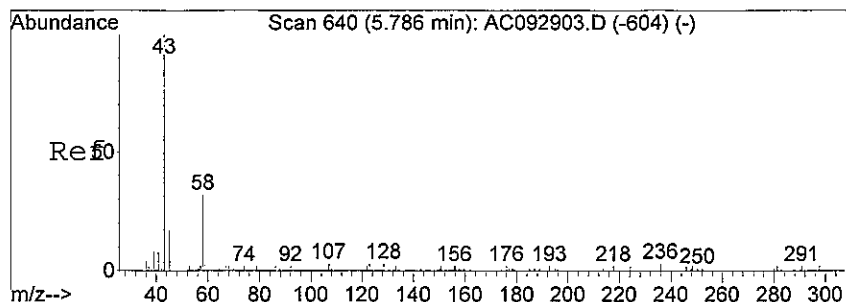
Ion Ratio Lower Upper

101 100

103 63.4 43.4 83.4

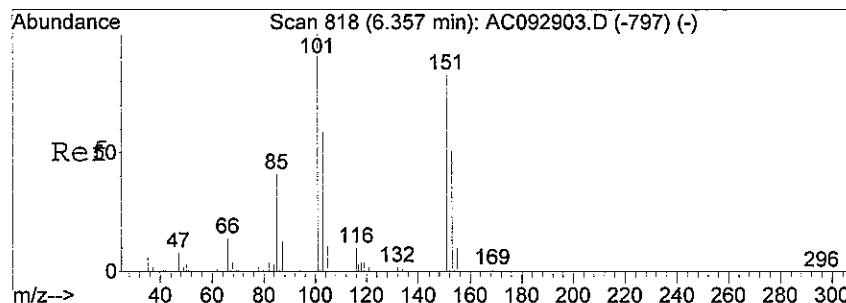
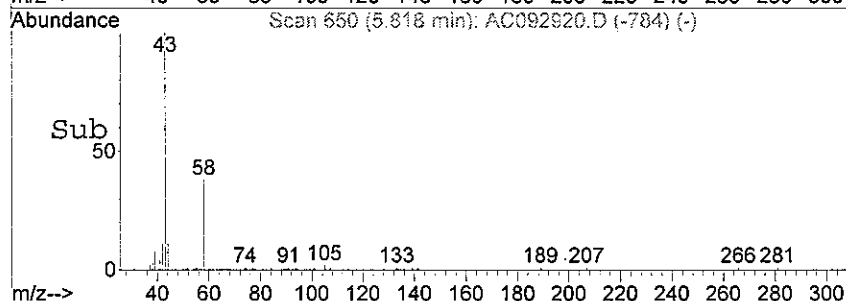
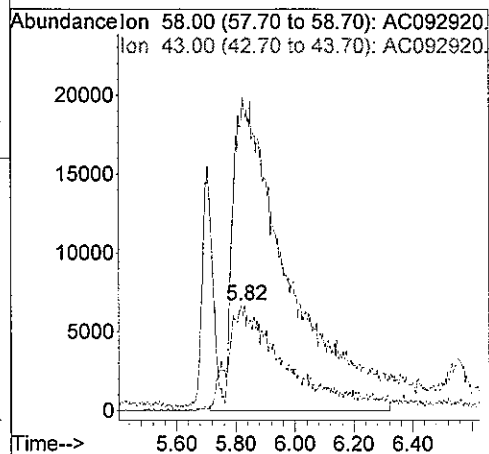
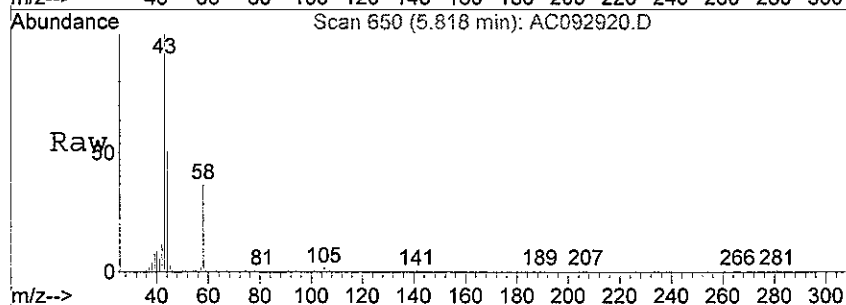
105 10.6 0.0 30.9





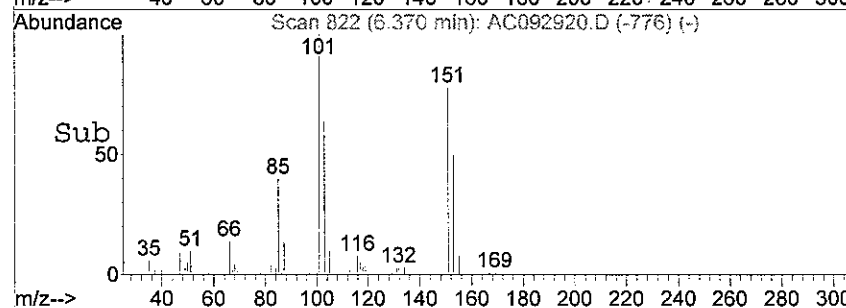
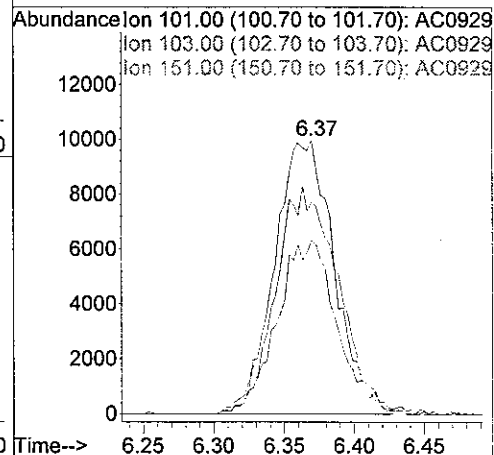
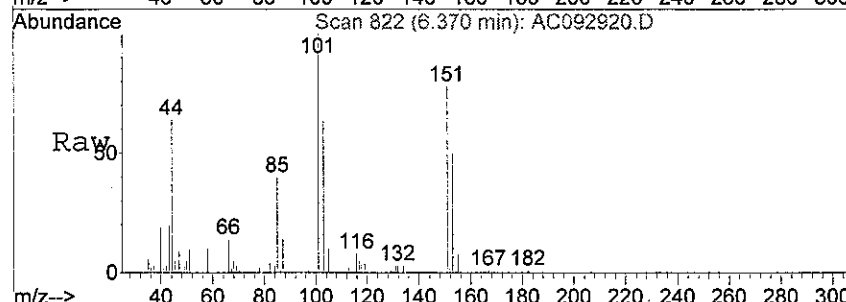
#12
Acetone
Concen: 8.43 ppb m
RT: 5.82 min Scan# 650
Delta R.T. -0.58 min
Lab File: AC092920.D
Acq: 30 Sep 2005 2:00 am

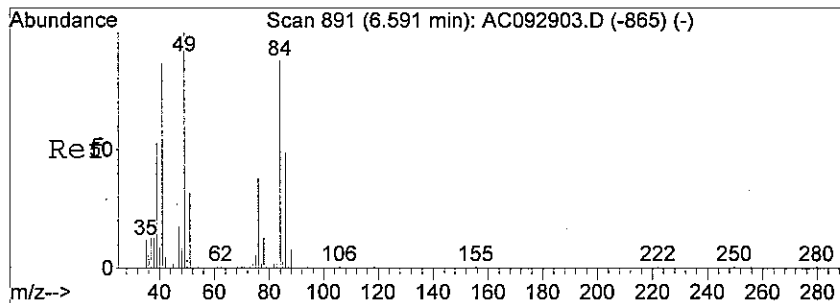
Tgt Ion: 58 Resp: 91581
Ion Ratio Lower Upper
58 100
43 0.0 0.0 30.0



#15
Freon 113
Concen: 0.46 ppb
RT: 6.37 min Scan# 822
Delta R.T. -0.00 min
Lab File: AC092920.D
Acq: 30 Sep 2005 2:00 am

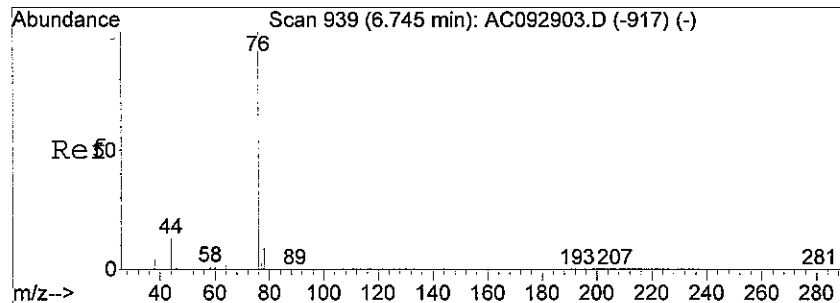
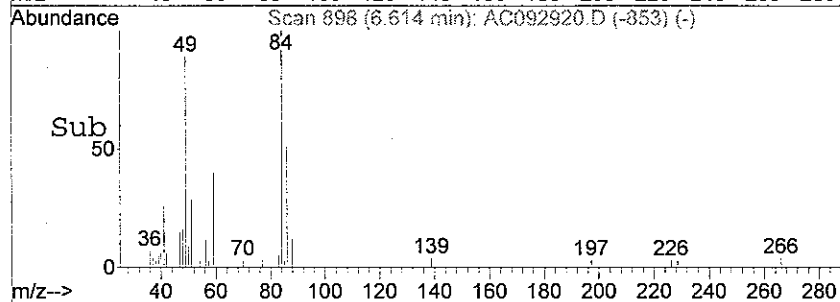
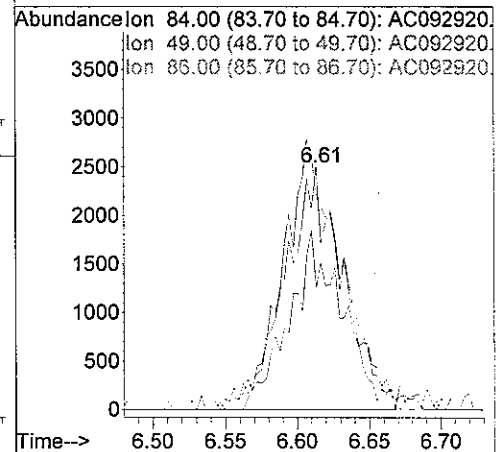
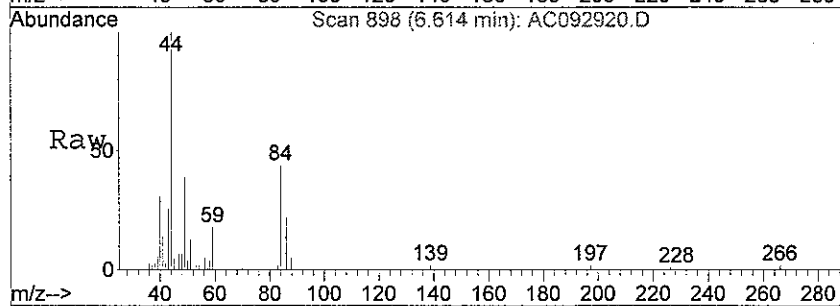
Tgt Ion: 101 Resp: 30263
Ion Ratio Lower Upper
101 100
103 28.8 13.9 53.9
151 33.8 66.6 106.6#





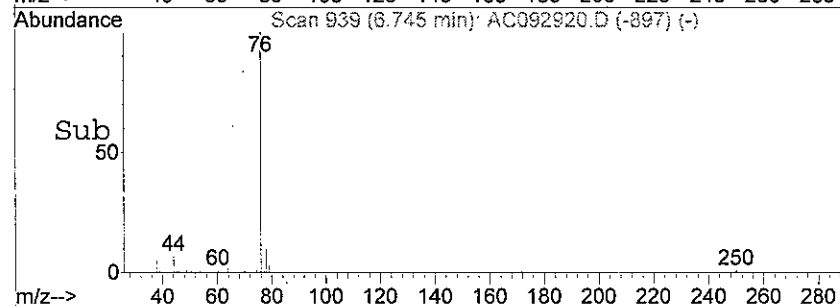
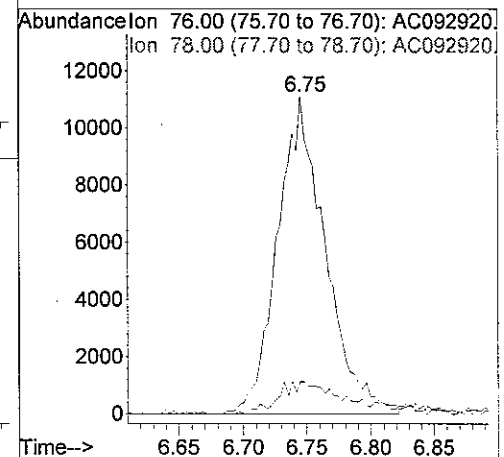
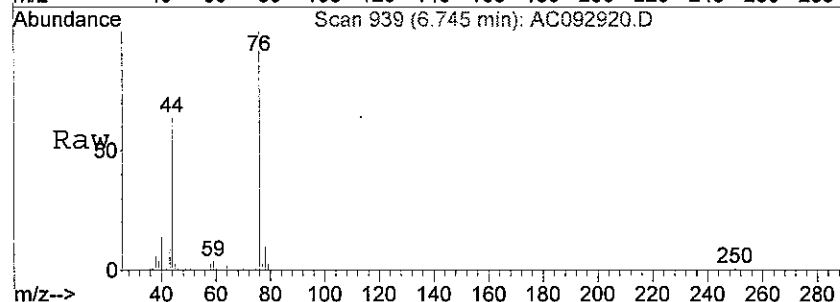
#16
Methylene chloride
Concen: 0.30 ppb
RT: 6.61 min Scan# 898
Delta R.T. -0.01 min
Lab File: AC092920.D
Acq: 30 Sep 2005 2:00 am

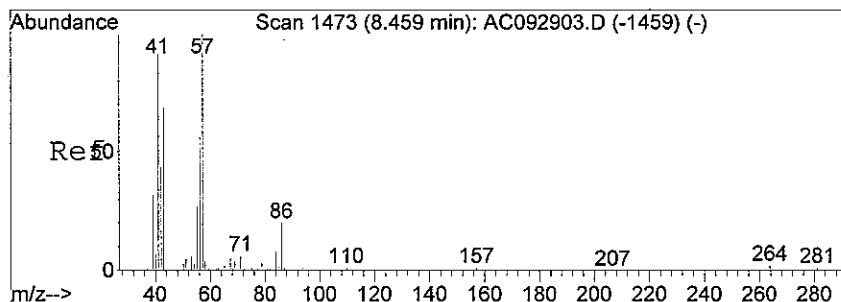
Tgt Ion: 84 Resp: 7186
Ion Ratio Lower Upper
84 100
49 106.8 163.1 203.1#
86 64.2 48.2 88.2



#18
Carbon disulfide
Concen: 0.31 ppb
RT: 6.75 min Scan# 939
Delta R.T. -0.02 min
Lab File: AC092920.D
Acq: 30 Sep 2005 2:00 am

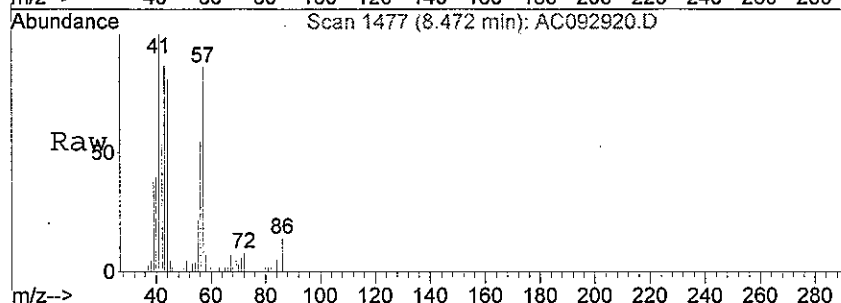
Tgt Ion: 76 Resp: 28924
Ion Ratio Lower Upper
76 100
78 8.8 0.0 30.2



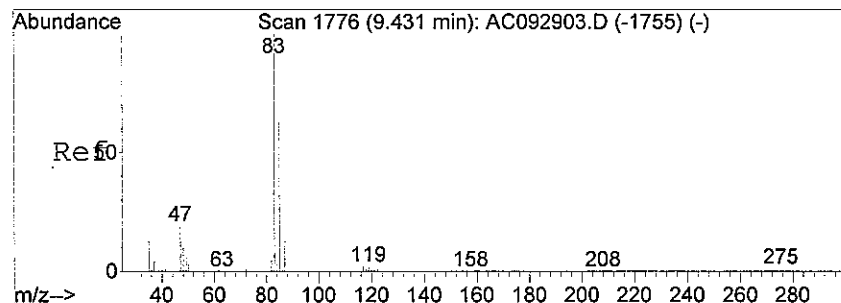
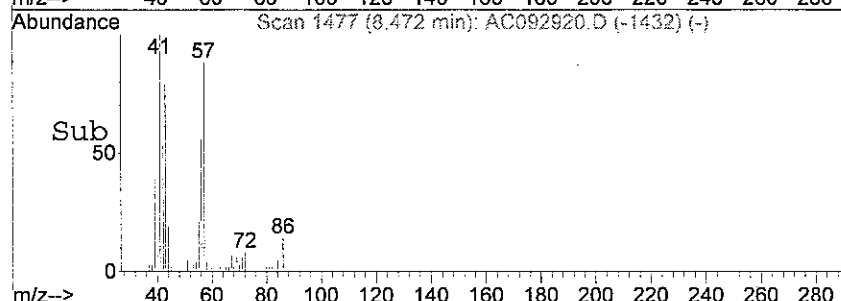
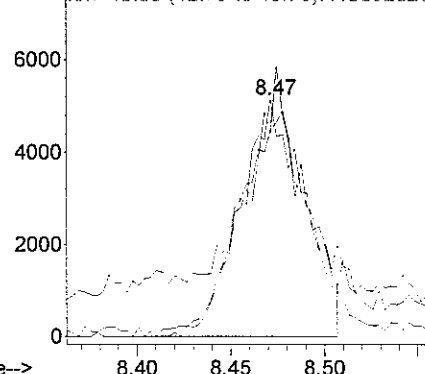


#25
Hexane
Concen: 0.57 ppb
RT: 8.47 min Scan# 1477
Delta R.T. -0.01 min
Lab File: AC092920.D
Acq: 30 Sep 2005 2:00 am

Tgt Ion: 41 Resp: 12501
Ion Ratio Lower Upper
41 100
57 102.0 102.6 142.6#
43 77.7 62.5 102.5

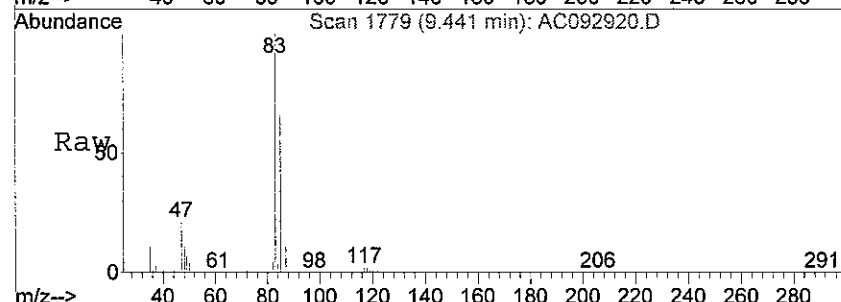


Abundance Ion 41.00 (40.70 to 41.70): AC092920.
8000 Ion 57.00 (56.70 to 57.70): AC092920.
Ion 43.00 (42.70 to 43.70): AC092920.

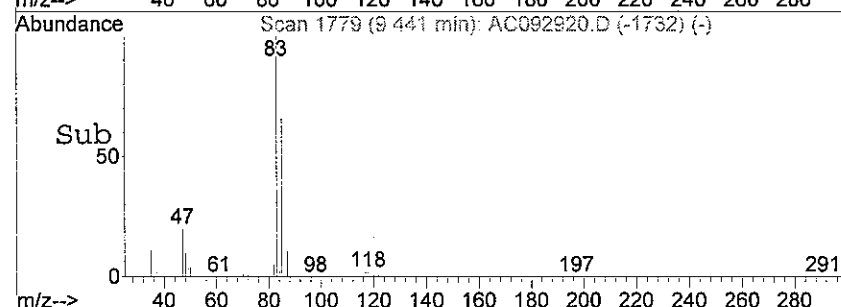
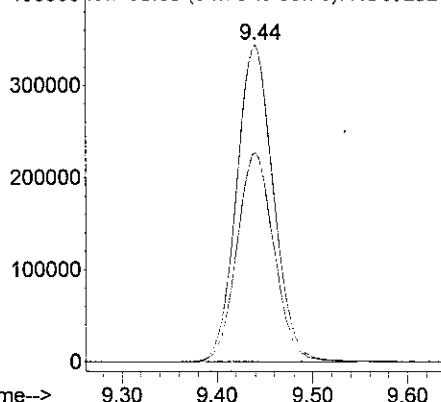


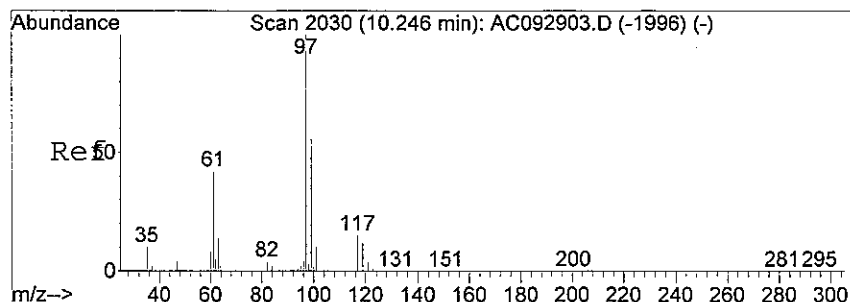
#27
Chloroform
Concen: 16.44 ppb
RT: 9.44 min Scan# 1779
Delta R.T. 0.00 min
Lab File: AC092920.D
Acq: 30 Sep 2005 2:00 am

Tgt Ion: 83 Resp: 924683
Ion Ratio Lower Upper
83 100
85 66.5 46.2 86.2



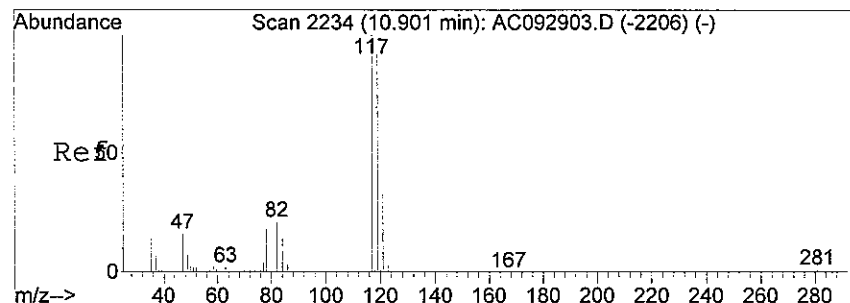
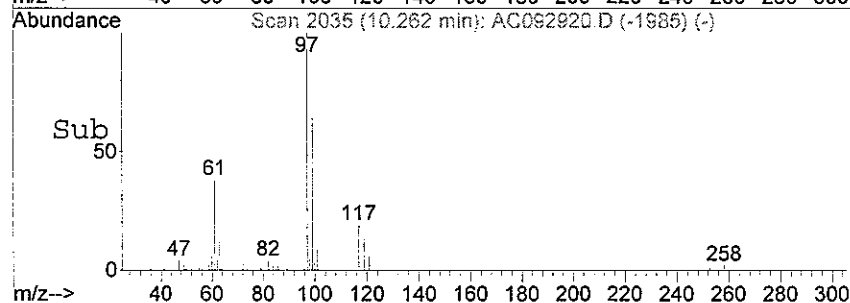
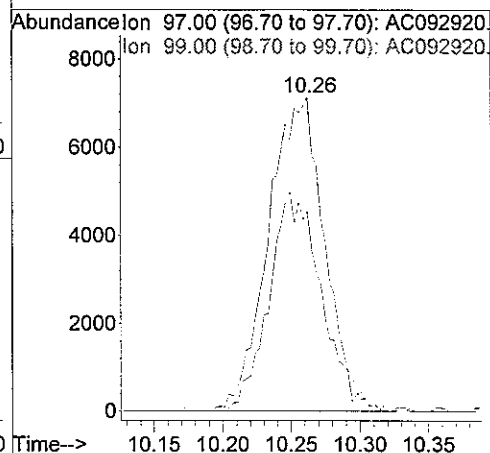
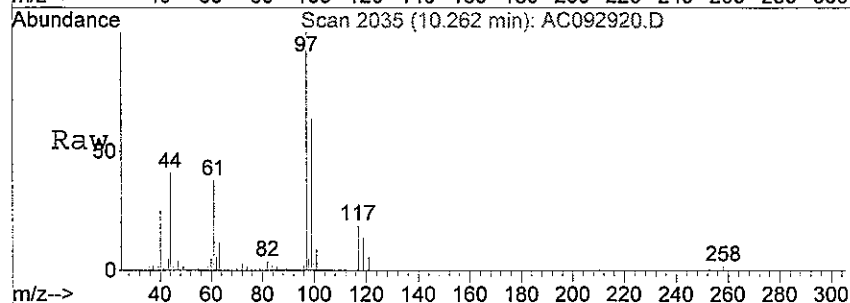
Abundance Ion 83.00 (82.70 to 83.70): AC092920.
400000 Ion 85.00 (84.70 to 85.70): AC092920.





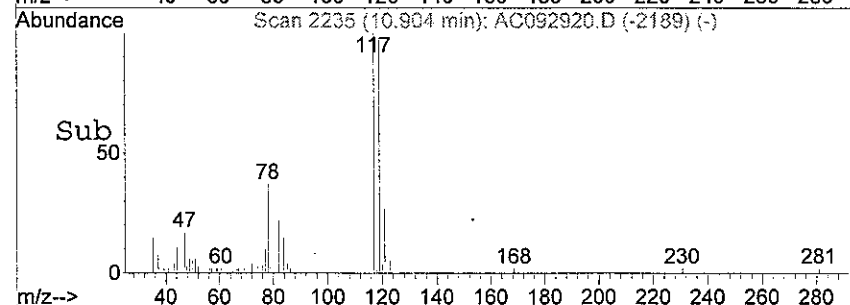
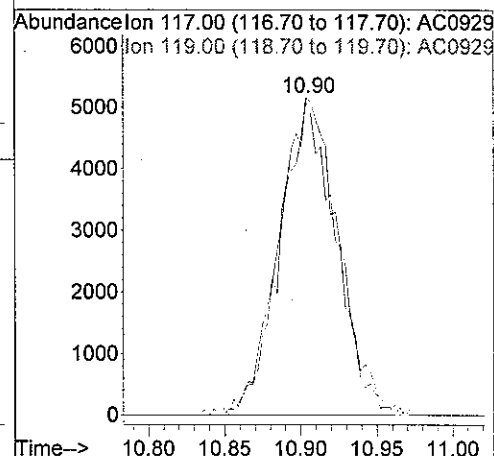
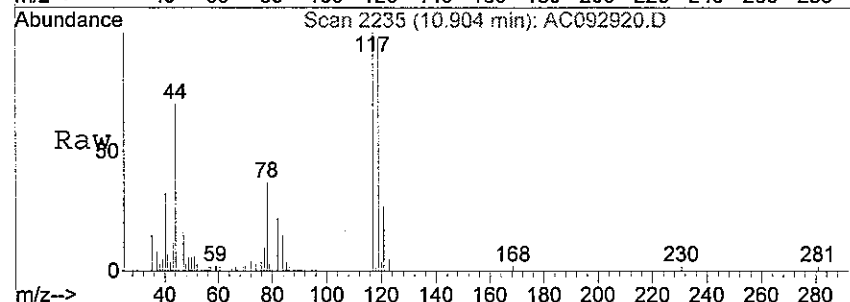
#31
1,1,1-trichloroethane
Concen: 0.38 ppb
RT: 10.26 min Scan# 2035
Delta R.T. 0.01 min
Lab File: AC092920.D
Acq: 30 Sep 2005 2:00 am

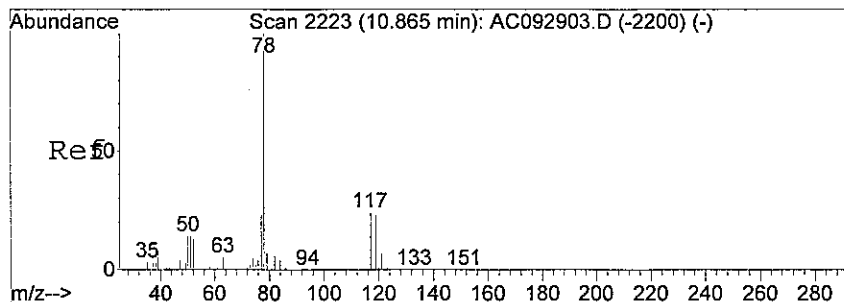
Tgt Ion: 97 Resp: 20370
Ion Ratio Lower Upper
97 100
99 64.9 44.7 84.7



#33
Carbon tetrachloride
Concen: 0.21 ppb
RT: 10.90 min Scan# 2235
Delta R.T. -0.00 min
Lab File: AC092920.D
Acq: 30 Sep 2005 2:00 am

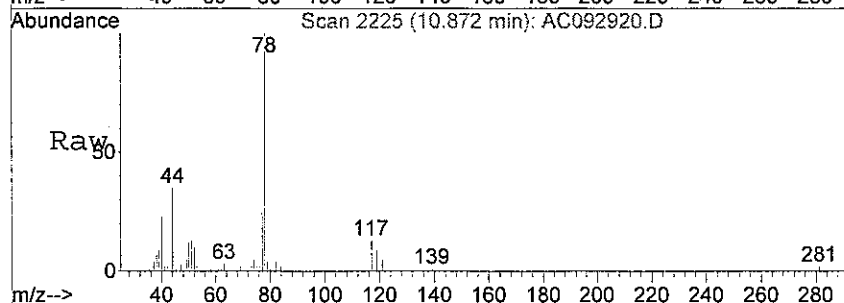
Tgt Ion: 117 Resp: 13777
Ion Ratio Lower Upper
117 100
119 96.1 75.9 115.9



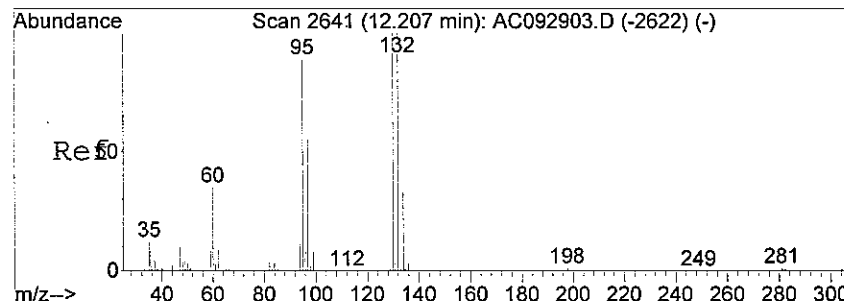
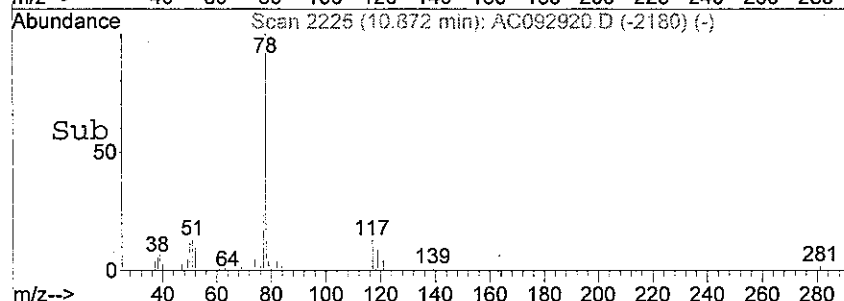
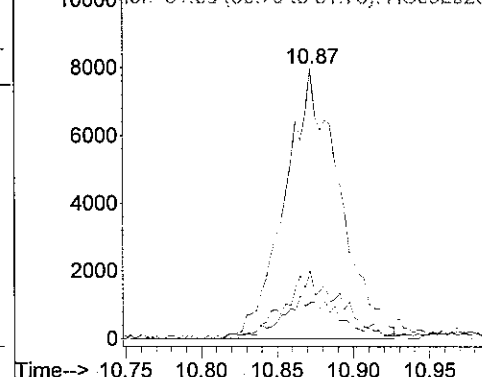


#34
Benzene
Concen: 0.29 ppb
RT: 10.87 min Scan# 2225
Delta R.T. -0.01 min
Lab File: AC092920.D
Acq: 30 Sep 2005 2:00 am

Tgt Ion: 78 Resp: 19838
Ion Ratio Lower Upper
78 100
77 24.6 3.1 43.1
51 15.1 5.7 45.7

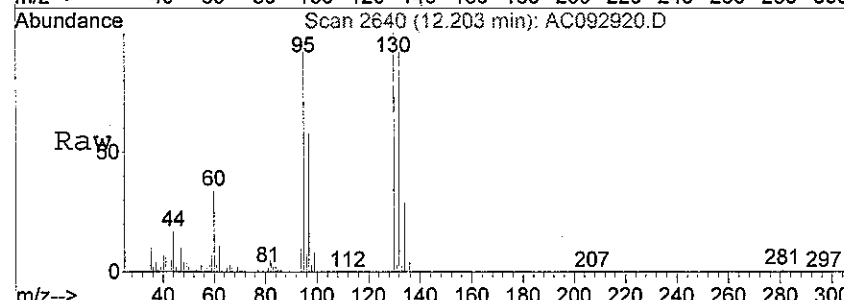


Abundance Ion 78.00 (77.70 to 78.70): AC092920
Ion 77.00 (76.70 to 77.70): AC092920
Ion 51.00 (50.70 to 51.70): AC092920

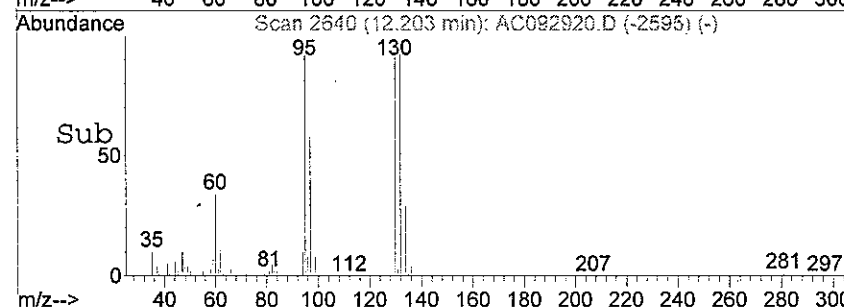
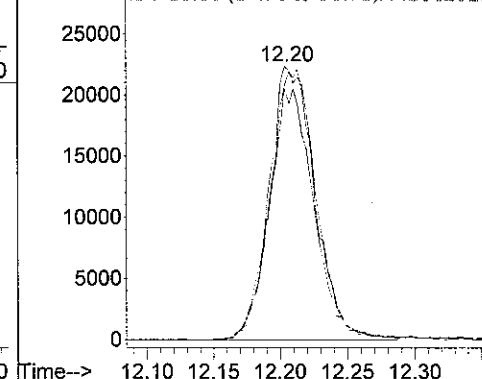


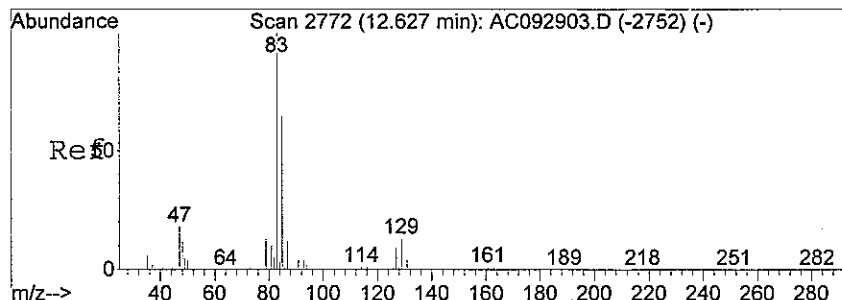
#38
Trichloroethene
Concen: 1.32 ppb
RT: 12.20 min Scan# 2640
Delta R.T. -0.01 min
Lab File: AC092920.D
Acq: 30 Sep 2005 2:00 am

Tgt Ion: 130 Resp: 53936
Ion Ratio Lower Upper
130 100
132 94.7 76.8 116.8
95 87.5 89.8 129.8#



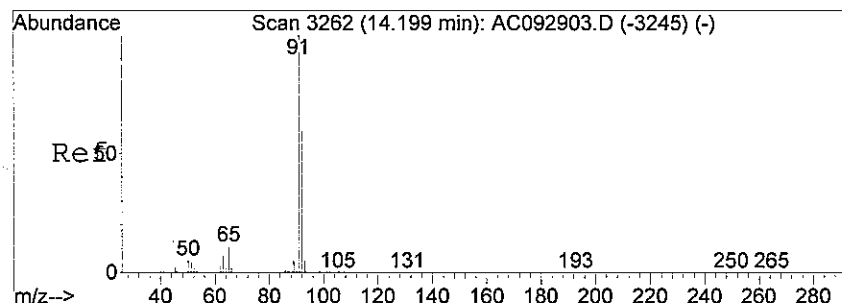
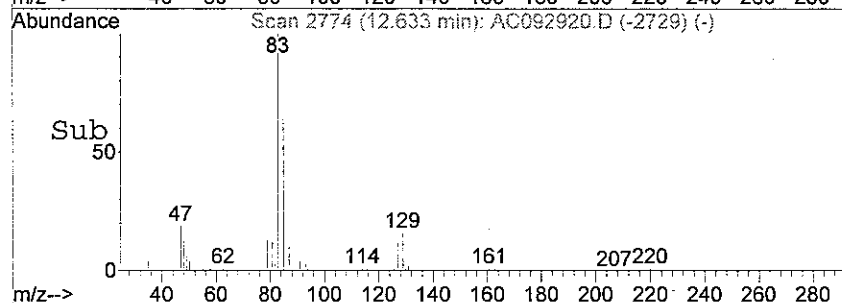
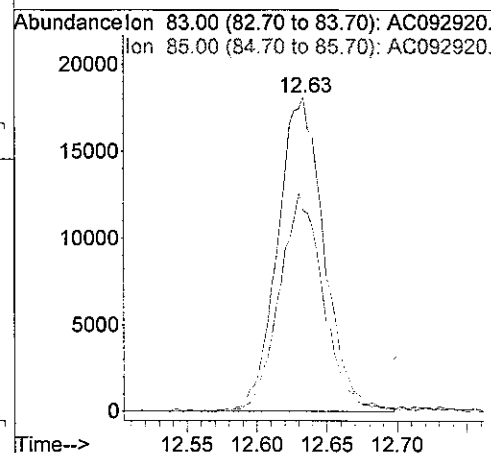
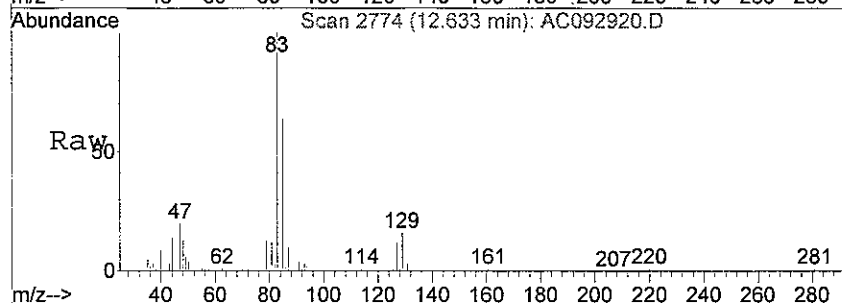
Abundance Ion 130.00 (129.70 to 130.70): AC0929
Ion 132.00 (131.70 to 132.70): AC0929
Ion 95.00 (94.70 to 95.70): AC092920





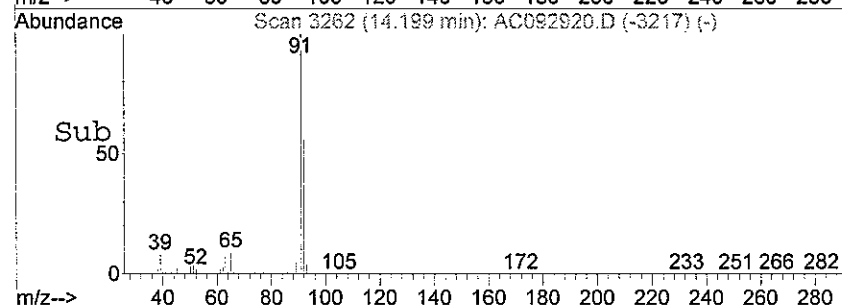
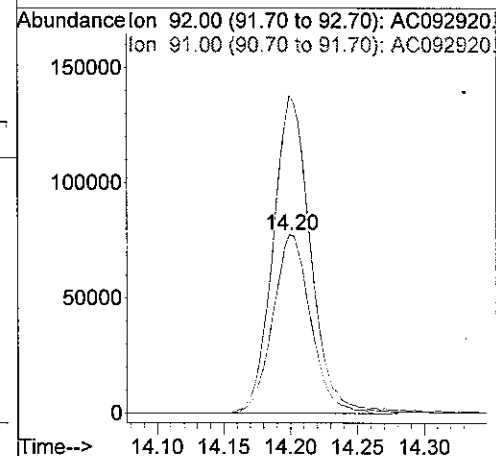
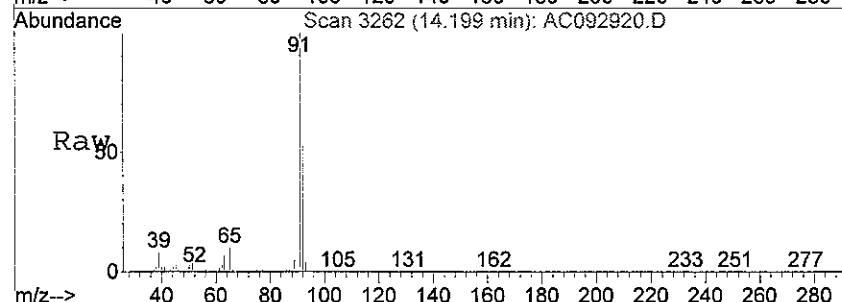
#40
Bromodichloromethane
Concen: 0.80 ppb
RT: 12.63 min Scan# 2774
Delta R.T. -0.01 min
Lab File: AC092920.D
Acq: 30 Sep 2005 2:00 am

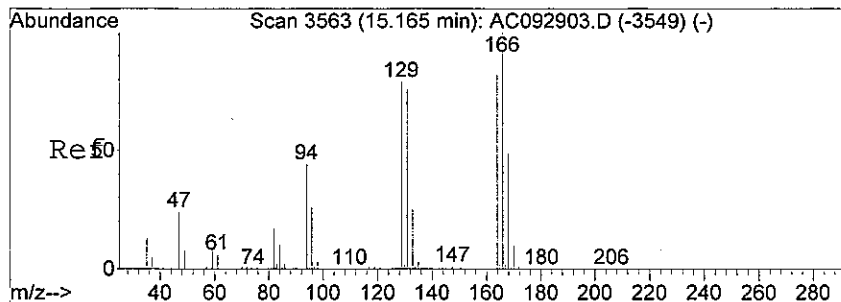
Tgt Ion: 83 Resp: 41630
Ion Ratio Lower Upper
83 100
85 65.8 44.9 84.9



#45
Toluene
Concen: 2.76 ppb
RT: 14.20 min Scan# 3262
Delta R.T. -0.01 min
Lab File: AC092920.D
Acq: 30 Sep 2005 2:00 am

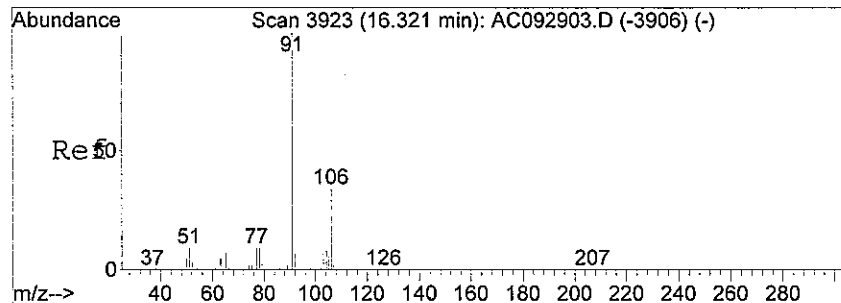
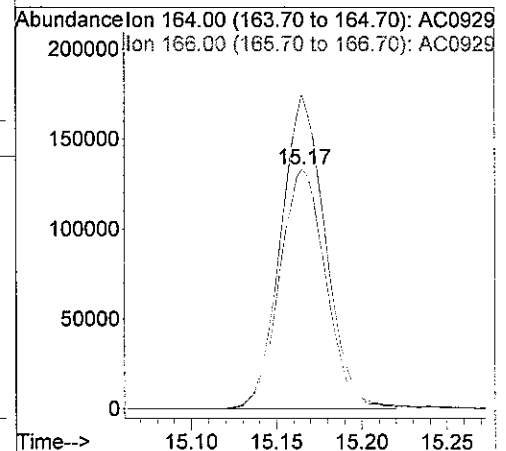
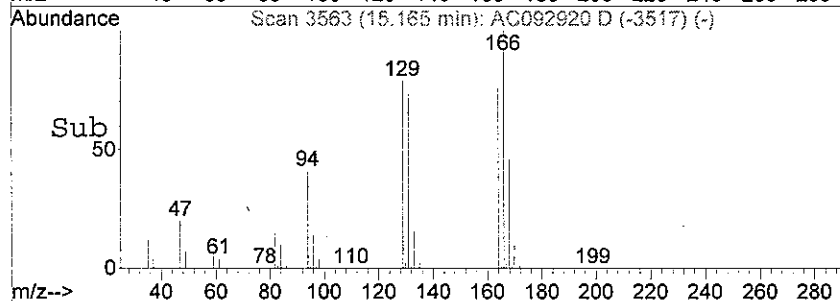
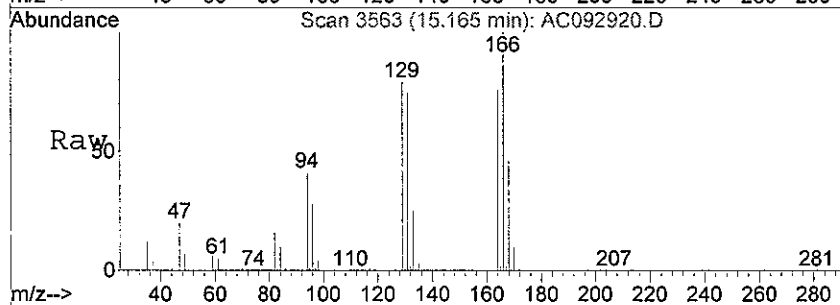
Tgt Ion: 92 Resp: 153743
Ion Ratio Lower Upper
92 100
91 174.5 151.0 191.0





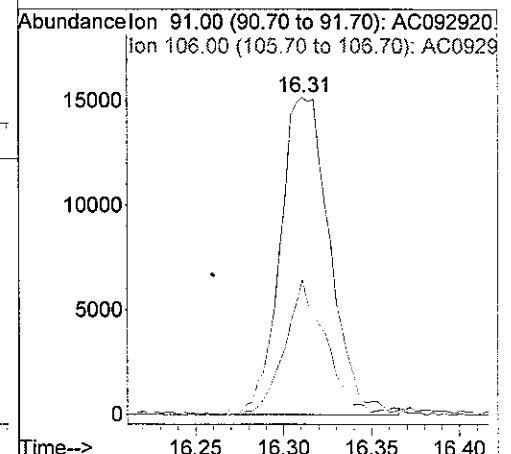
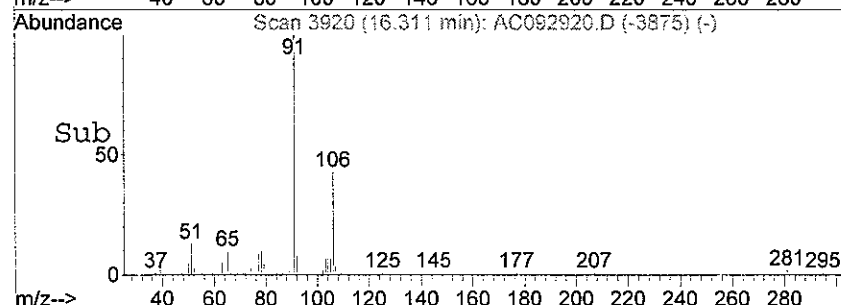
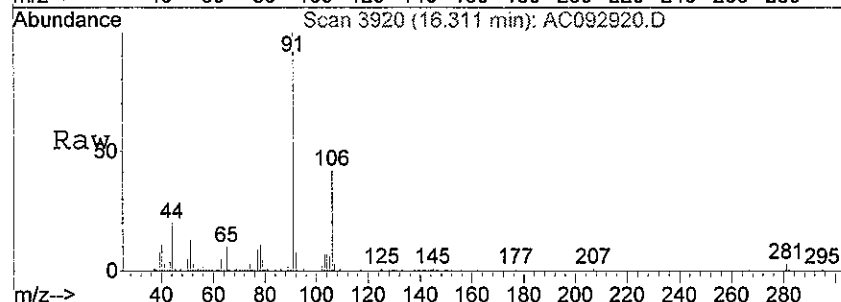
#50
Tetrachloroethylene
Concen: 5.60 ppb
RT: 15.17 min Scan# 3563
Delta R.T. -0.00 min
Lab File: AC092920.D
Acq: 30 Sep 2005 2:00 am

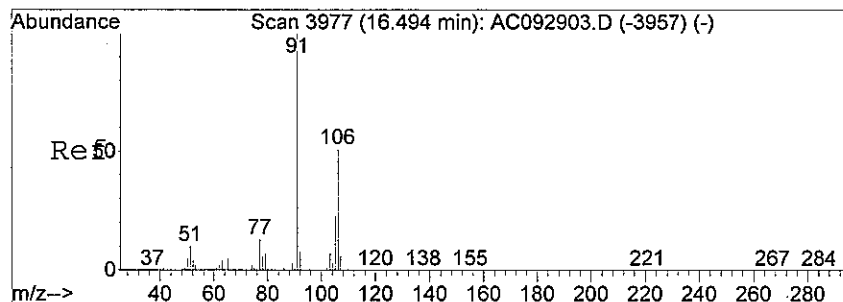
Tgt Ion: 164 Resp: 251255
Ion Ratio Lower Upper
164 100
166 126.9 106.8 146.8



#52
Ethylbenzene
Concen: 0.29 ppb
RT: 16.31 min Scan# 3920
Delta R.T. -0.01 min
Lab File: AC092920.D
Acq: 30 Sep 2005 2:00 am

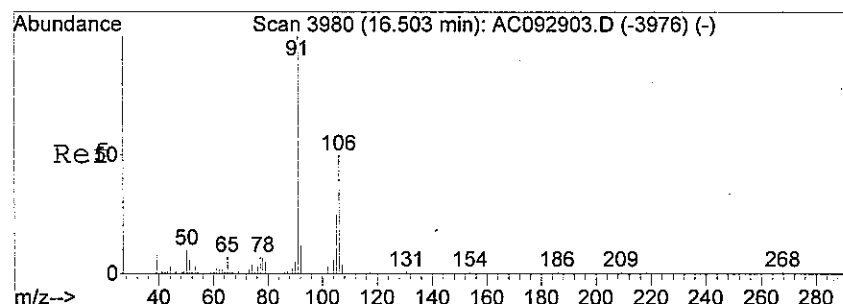
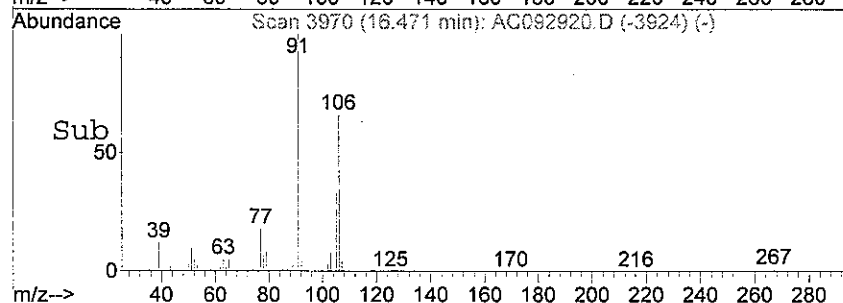
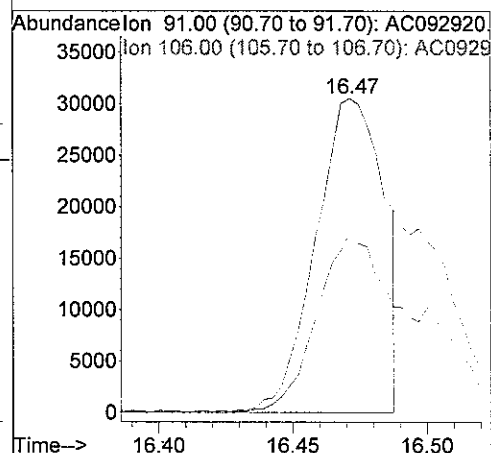
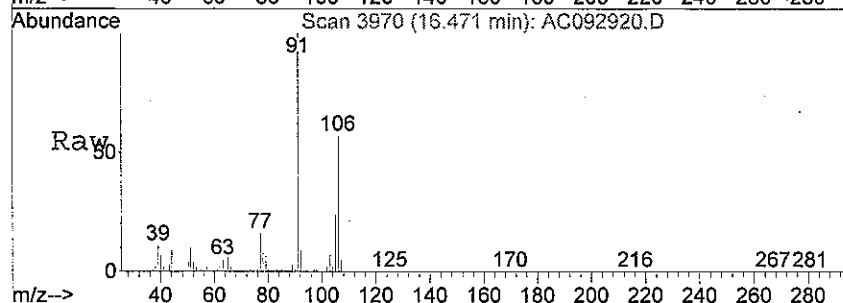
Tgt Ion: 91 Resp: 29757
Ion Ratio Lower Upper
91 100
106 34.8 10.2 50.2





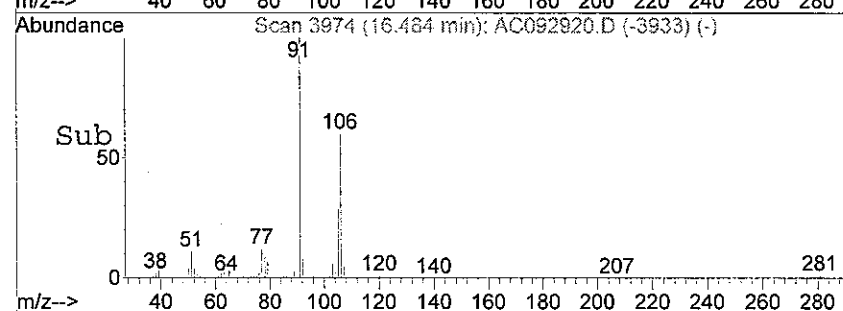
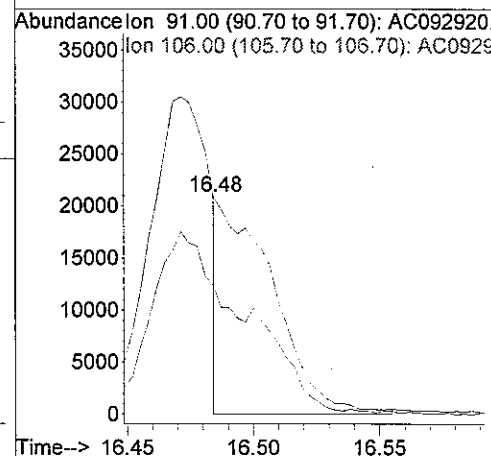
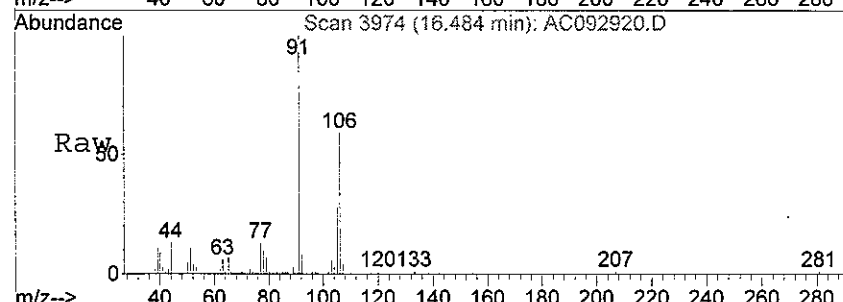
#53
m-xylene
Concen: 0.65 ppb m
RT: 16.47 min Scan# 3970
Delta R.T. -0.00 min
Lab File: AC092920.D
Acq: 30 Sep 2005 2:00 am

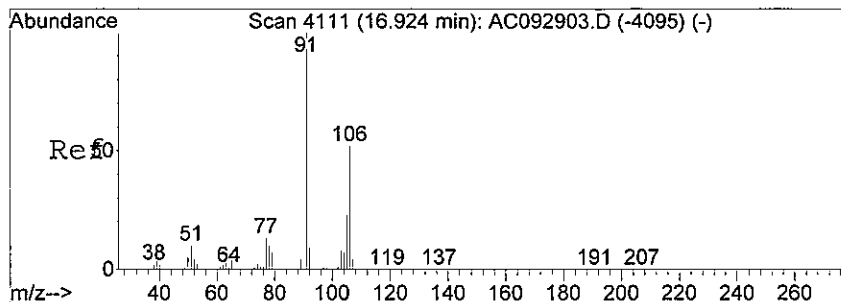
Tgt Ion: 91 Resp: 53702
Ion Ratio Lower Upper
91 100
106 65.2 31.7 71.7



#54
p-xylene
Concen: 0.34 ppb m
RT: 16.48 min Scan# 3974
Delta R.T. -0.02 min
Lab File: AC092920.D
Acq: 30 Sep 2005 2:00 am

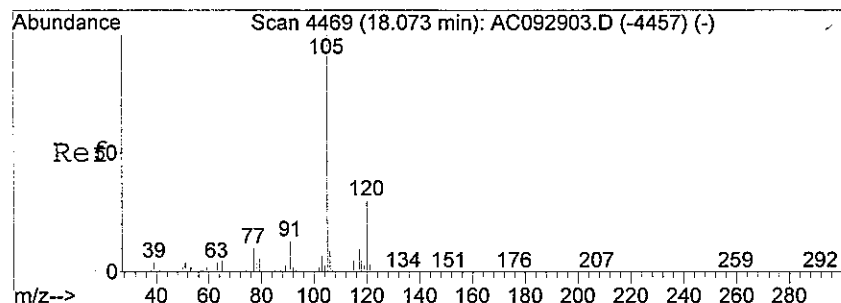
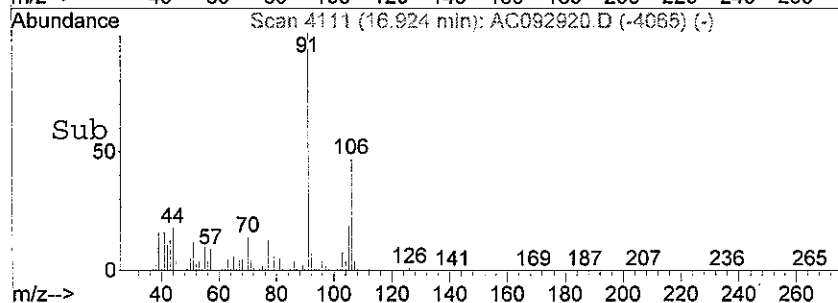
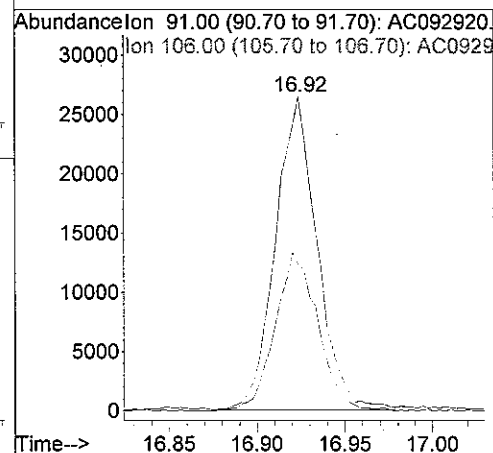
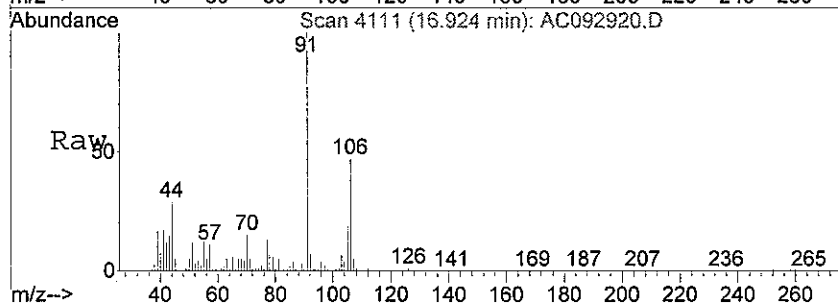
Tgt Ion: 91 Resp: 31257
Ion Ratio Lower Upper
91 100
106 112.1 22.7 62.7#





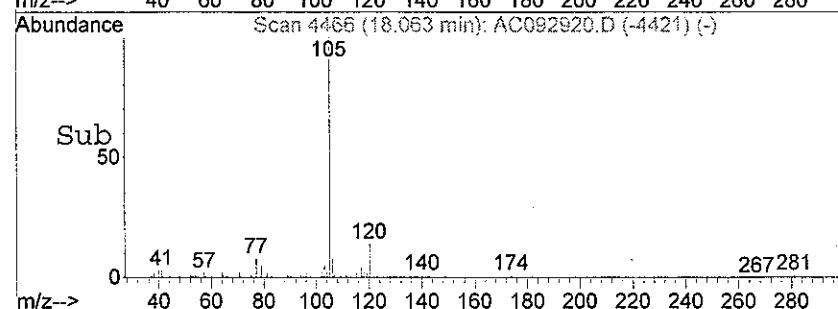
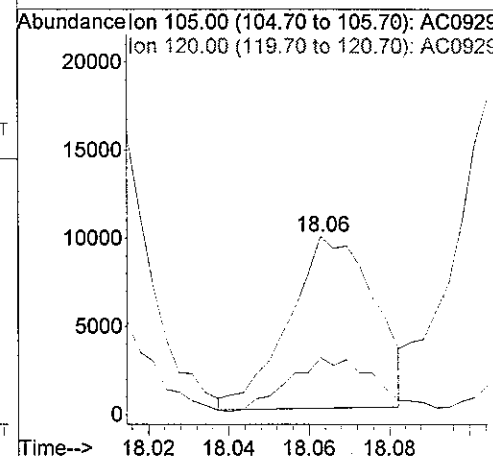
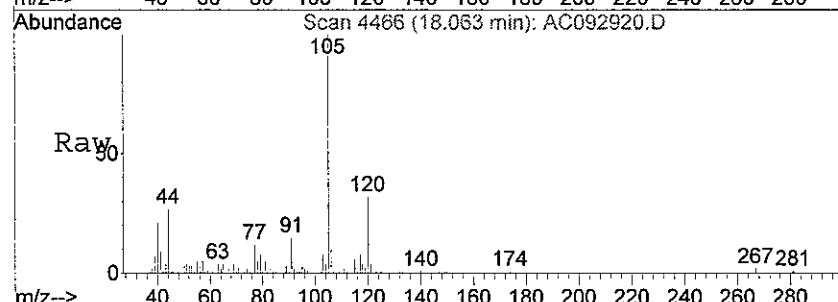
#57
o-xylene
Concen: 0.44 ppb
RT: 16.92 min Scan# 4111
Delta R.T. -0.00 min
Lab File: AC092920.D
Acq: 30 Sep 2005 2:00 am

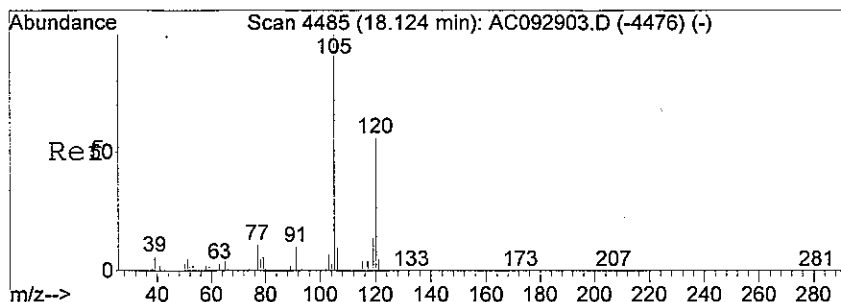
Tgt Ion: 91 Resp: 43624
Ion Ratio Lower Upper
91 100
106 52.0 23.8 63.8



#60
4-ethyltoluene
Concen: 0.21 ppb
RT: 18.06 min Scan# 4466
Delta R.T. -0.01 min
Lab File: AC092920.D
Acq: 30 Sep 2005 2:00 am

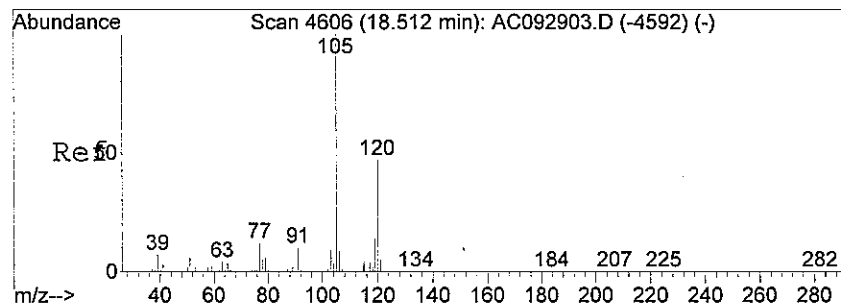
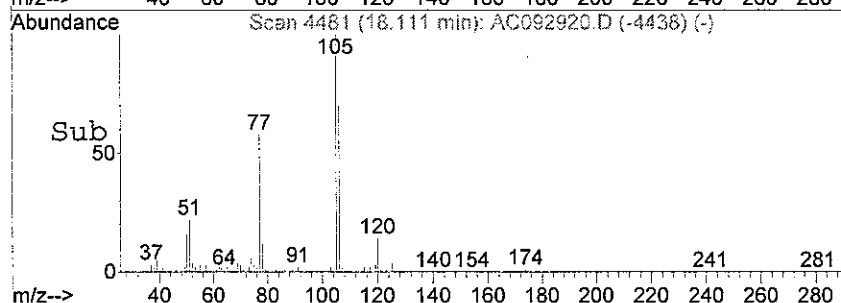
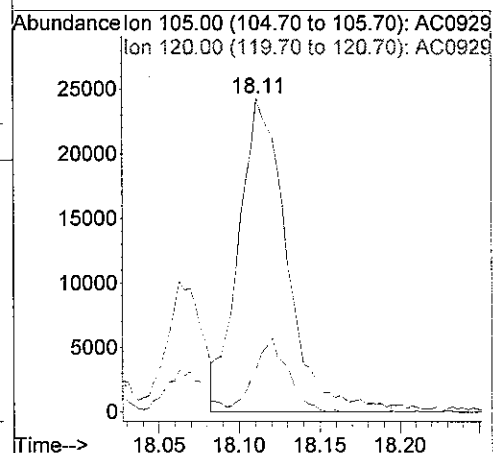
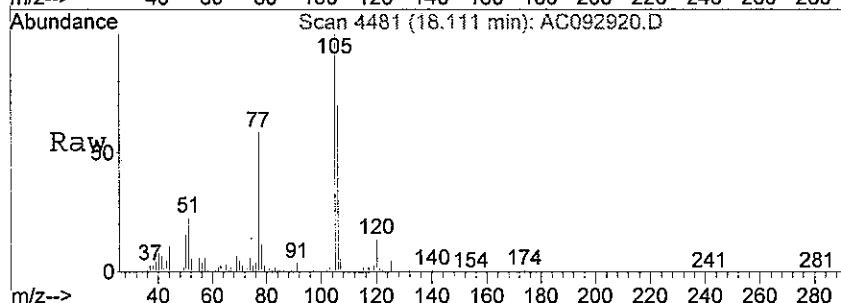
Tgt Ion: 105 Resp: 14393
Ion Ratio Lower Upper
105 100
120 35.9 8.6 48.6





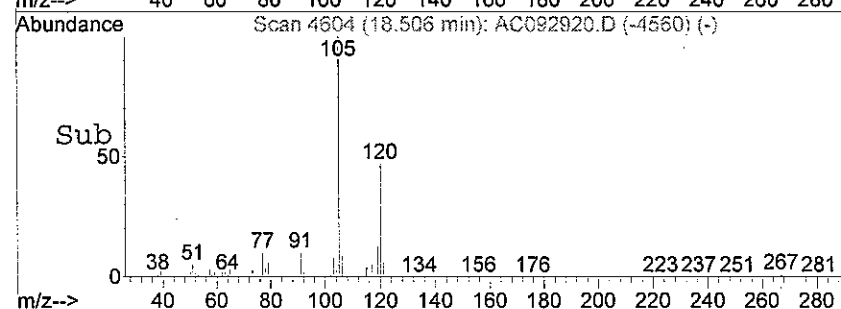
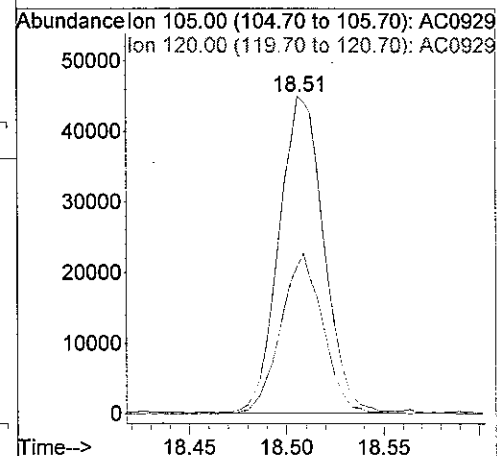
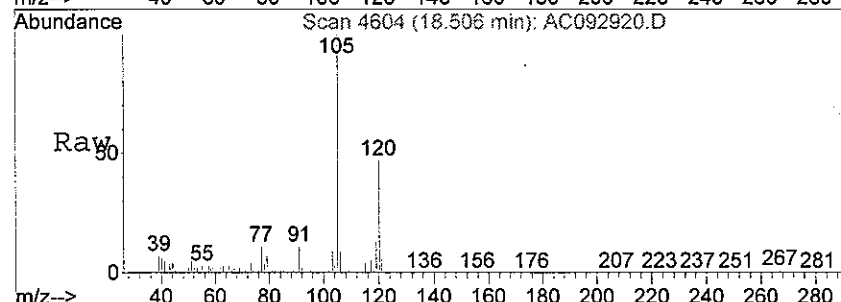
#61
 1,3,5-trimethylbenzene
 Concen: 0.54 ppb m
 RT: 18.11 min Scan# 4481
 Delta R.T. -0.01 min
 Lab File: AC092920.D
 Acq: 30 Sep 2005 2:00 am

Tgt Ion:105 Resp: 50696
 Ion Ratio Lower Upper
 105 100
 120 10.2 21.5 61.5#



#62
 1,2,4-trimethylbenzene
 Concen: 0.90 ppb
 RT: 18.51 min Scan# 4604
 Delta R.T. -0.01 min
 Lab File: AC092920.D
 Acq: 30 Sep 2005 2:00 am

Tgt Ion:105 Resp: 71347
 Ion Ratio Lower Upper
 105 100
 120 48.0 20.9 60.9



Data File : C:\MSDCHEM\1\DATA\AC092927.D

Vial: 15

Acq On : 30 Sep 2005 7:56 am

Operator: RJP

Sample : C0509018-005A 10x

Inst : MSD #1

Misc : C0509018-005A

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Sep 30 08:19:13 2005

Quant Results File: A905_1UT.RES

Quant Method : C:\MSDCHEM\1\METHODS\A905_1UT.M (RTE Integrator)

Title : TO-15 VOA Standards for 5 point calibration

Last Update : Tue Sep 06 13:55:05 2005

Response via : Initial Calibration

DataAcq Meth : A905_1UT

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	9.27	128	24280m <i>P</i>	1.00	ppb	-0.01
30) 1,4-difluorobenzene	11.57	114	49272	1.00	ppb	-0.02
44) Chlorobenzene-d5	16.03	117	55494	1.00	ppb	0.00

System Monitoring Compounds

58) Bromofluorobenzene	17.53	95	22775	0.80	ppb	0.00
Spiked Amount	1.000	Range	70 - 130	Recovery	=	80.00%

Target Compounds

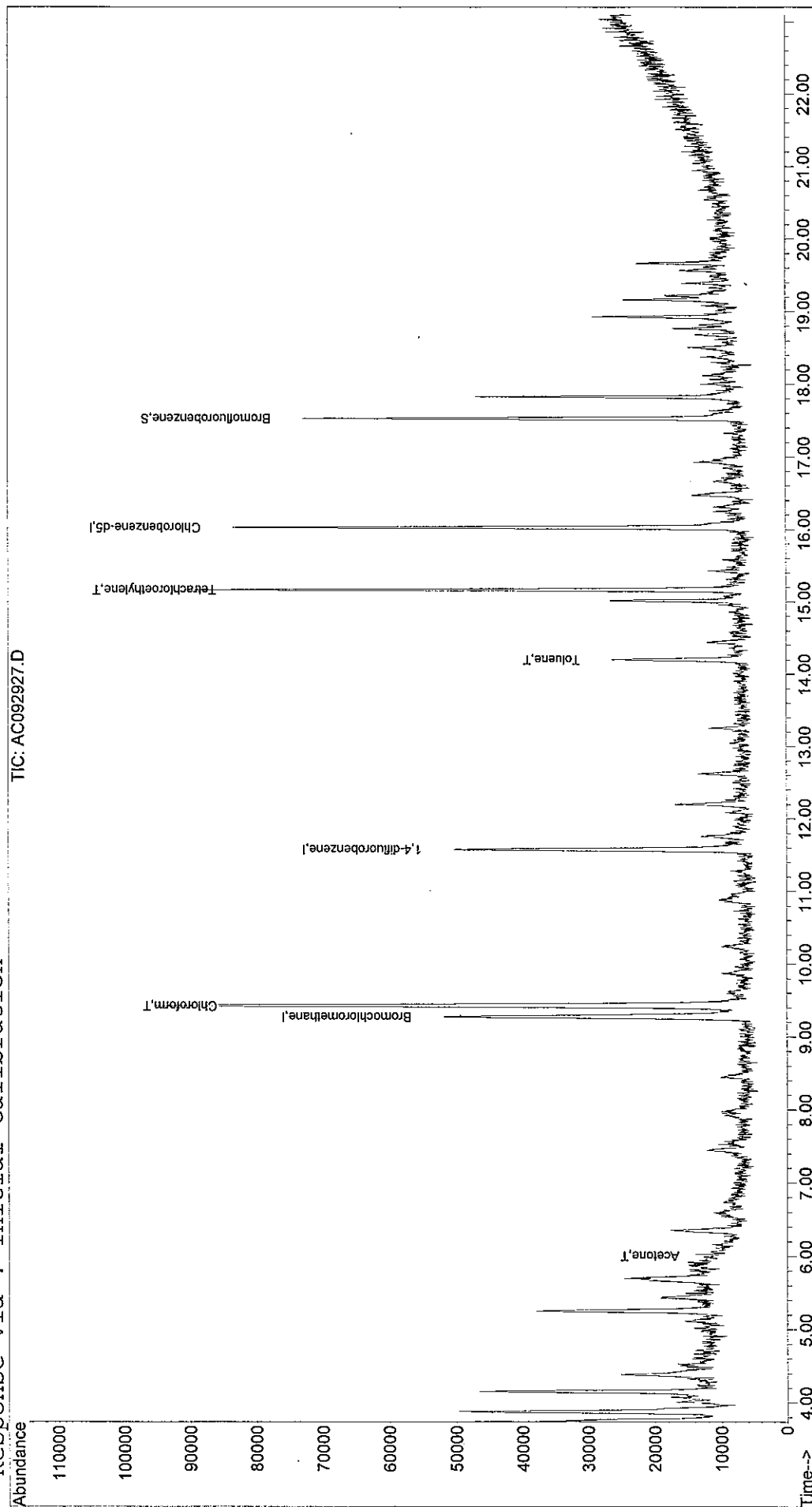
						Qvalue
12) Acetone	6.01	58	10957m <i>A</i>	0.91	ppb	
27) Chloroform	9.43	83	99101	1.58	ppb	99
45) Toluene	14.20	92	10120	0.27	ppb	97
50) Tetrachloroethylene	15.17	164	19833	0.65	ppb	99

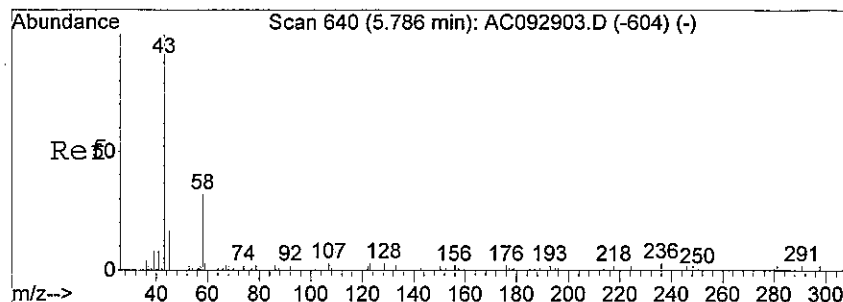
Data File : C:\MSDCHEM\1\DATA\AC092927.D
Acq On : 30 Sep 2005 7:56 am
Sample : C0509018-005A 10x
Misc : C0509018-005A
MS Integration Params: RTEINT.P
Quant Time: Sep 30 8:37 2005

Vial: 15
Operator: RJP
Inst : MSD #1
Multiplr: 1.00

Quant Results File: A905_1UT.RES

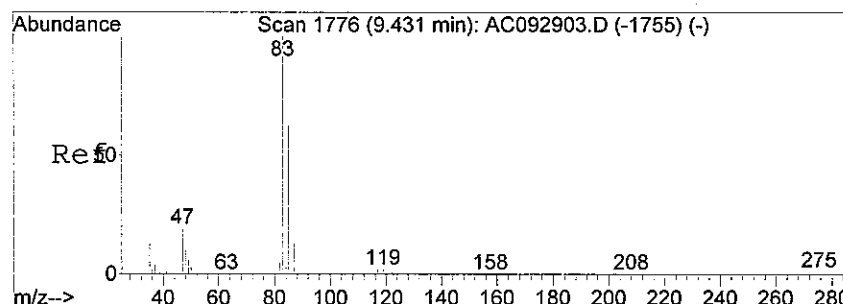
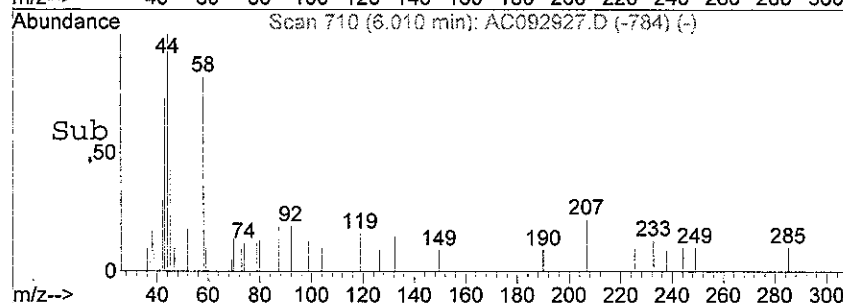
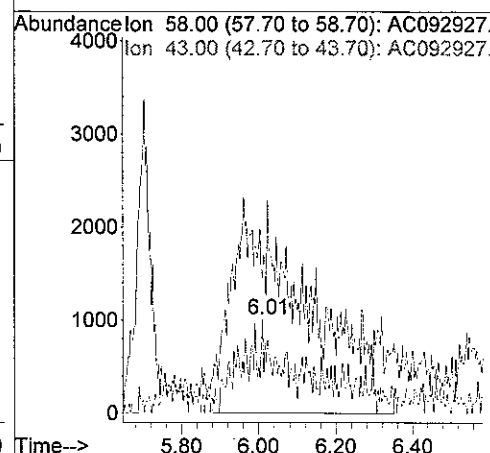
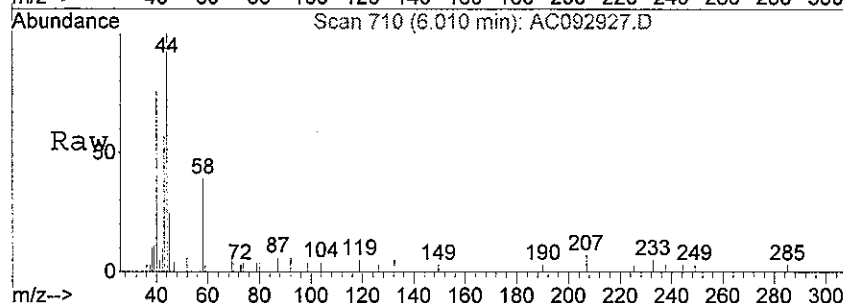
Method : C:\MSDCHEM\1\METHODS\A905_1UT.M (RTE Integrator)
Title : TO-15 VOA Standards for 5 point calibration
Last Update : Sun Oct 09 14:17:27 2005
Response via : Initial Calibration





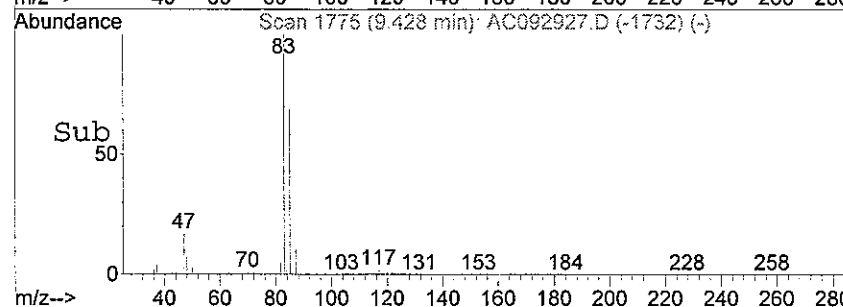
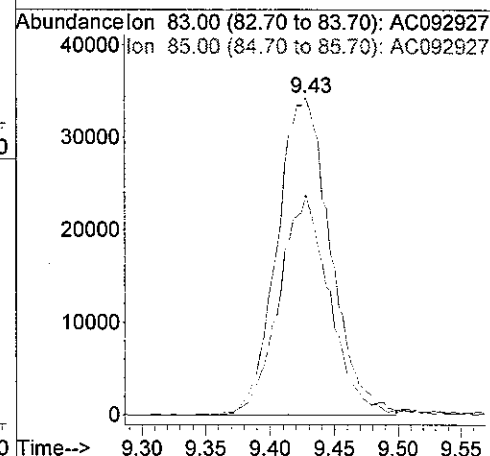
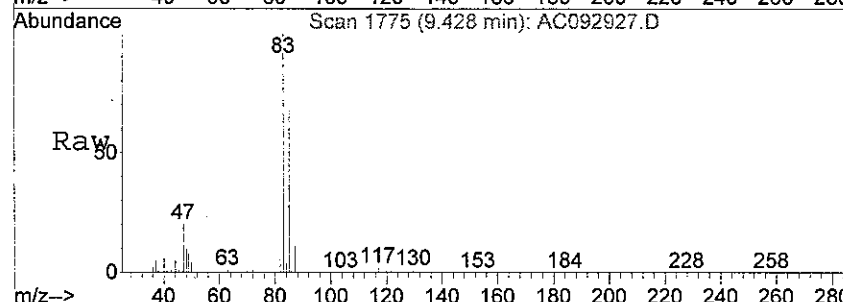
#12
Acetone
Concen: 0.91 ppb m
RT: 6.01 min Scan# 710
Delta R.T. -0.39 min
Lab File: AC092927.D
Acq: 30 Sep 2005 7:56 am

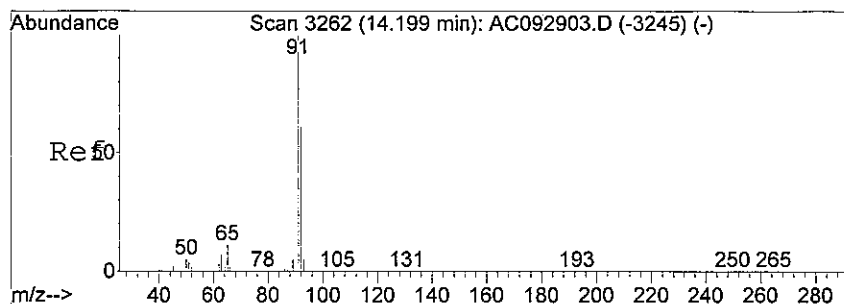
Tgt Ion: 58 Resp: 10957
Ion Ratio Lower Upper
58 100
43 1.0 0.0 30.0



#27
Chloroform
Concen: 1.58 ppb
RT: 9.43 min Scan# 1775
Delta R.T. -0.01 min
Lab File: AC092927.D
Acq: 30 Sep 2005 7:56 am

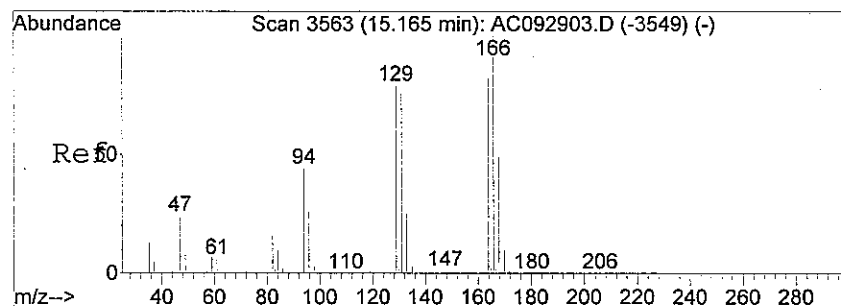
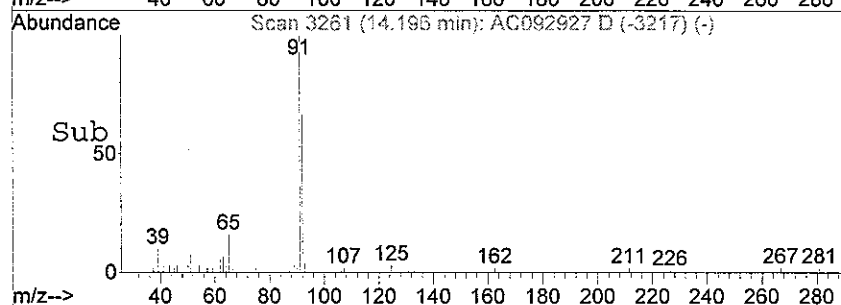
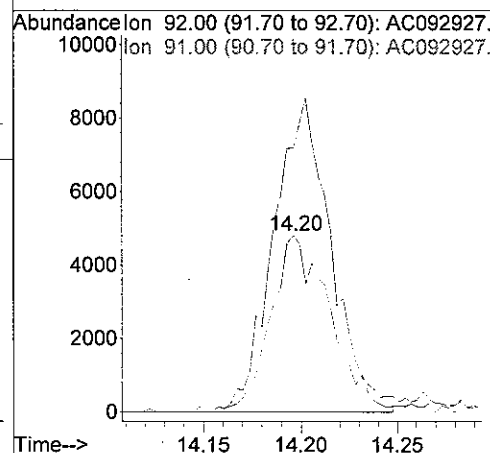
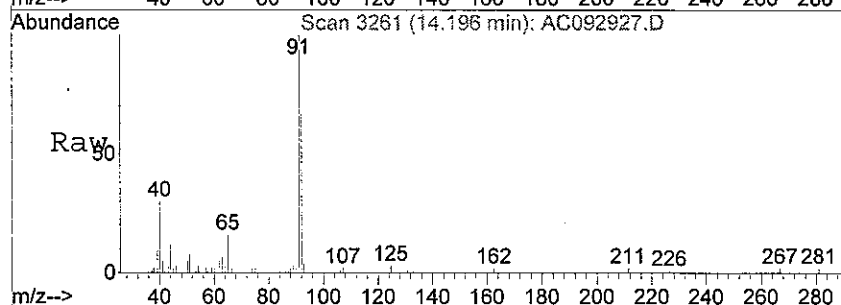
Tgt Ion: 83 Resp: 99101
Ion Ratio Lower Upper
83 100
85 65.1 46.2 86.2





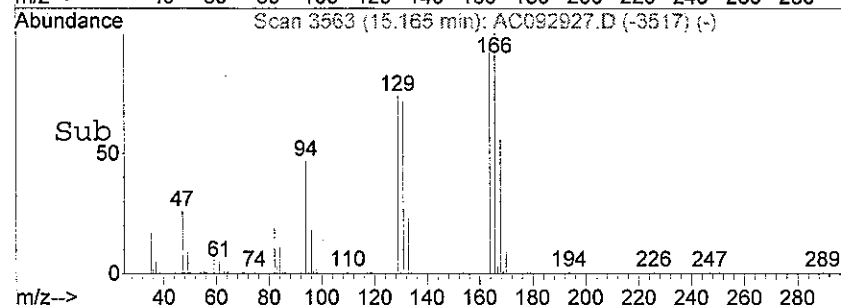
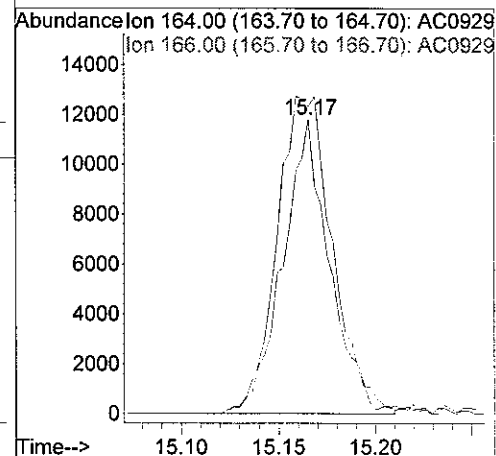
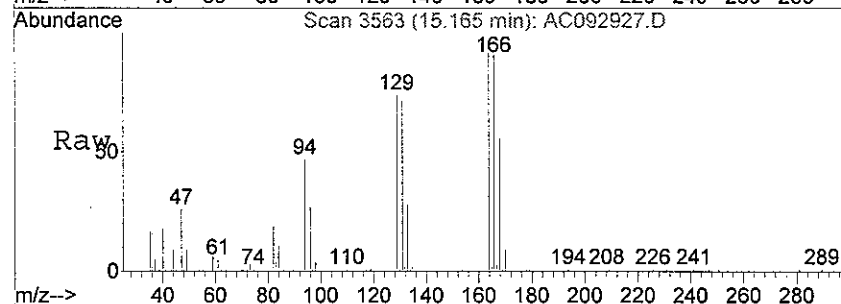
#45
Toluene
Concen: 0.27 ppb
RT: 14.20 min Scan# 3261
Delta R.T. -0.01 min
Lab File: AC092927.D
Acq: 30 Sep 2005 7:56 am

Tgt Ion: 92 Resp: 10120
Ion Ratio Lower Upper
92 100
91 175.6 151.0 191.0



#50
Tetrachloroethylene
Concen: 0.65 ppb
RT: 15.17 min Scan# 3563
Delta R.T. -0.00 min
Lab File: AC092927.D
Acq: 30 Sep 2005 7:56 am

Tgt Ion: 164 Resp: 19833
Ion Ratio Lower Upper
164 100
166 128.4 106.8 146.8



Centek Laboratories, LLC

Date: 09-Oct-05

CLIENT: ESC Environmental
Lab Order: C0509018
Project: 127491.05
Lab ID: C0509018-006A

Client Sample ID: RD3SSR092205
Tag Number: 237, 80
Collection Date: 9/22/2005
Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15 1UG/M3 W/ 0.25UG/M3 TCE		TO-15		Analyst: RJP		
1,1,1-Trichloroethane	0.240	0.150		ppbV	1	9/29/2005
1,1,2,2-Tetrachloroethane	ND	0.150		ppbV	1	9/29/2005
1,1,2-Trichloroethane	ND	0.150		ppbV	1	9/29/2005
1,1-Dichloroethane	ND	0.150		ppbV	1	9/29/2005
1,1-Dichloroethene	ND	0.150		ppbV	1	9/29/2005
1,2,4-Trichlorobenzene	ND	0.150		ppbV	1	9/29/2005
1,2,4-Trimethylbenzene	0.490	0.150		ppbV	1	9/29/2005
1,2-Dibromoethane	ND	0.150		ppbV	1	9/29/2005
1,2-Dichlorobenzene	ND	0.150		ppbV	1	9/29/2005
1,2-Dichloroethane	ND	0.150		ppbV	1	9/29/2005
1,2-Dichloropropane	ND	0.150		ppbV	1	9/29/2005
1,3,5-Trimethylbenzene	0.320	0.150		ppbV	1	9/29/2005
1,3-butadiene	ND	0.150		ppbV	1	9/29/2005
1,3-Dichlorobenzene	ND	0.150		ppbV	1	9/29/2005
1,4-Dichlorobenzene	ND	0.150		ppbV	1	9/29/2005
1,4-Dioxane	ND	0.300		ppbV	1	9/29/2005
2,2,4-trimethylpentane	0.080	0.150	J	ppbV	1	9/29/2005
4-ethyltoluene	0.13	0.150	J	ppbV	1	9/29/2005
Acetone	ND	0.300		ppbV	1	9/29/2005
Allyl chloride	ND	0.150		ppbV	1	9/29/2005
Benzene	0.270	0.150		ppbV	1	9/29/2005
Benzyl chloride	ND	0.150		ppbV	1	9/29/2005
Bromodichloromethane	0.520	0.150		ppbV	1	9/29/2005
Bromoform	ND	0.150		ppbV	1	9/29/2005
Bromomethane	ND	0.150		ppbV	1	9/29/2005
Carbon disulfide	0.180	0.150		ppbV	1	9/29/2005
Carbon tetrachloride	0.170	0.150		ppbV	1	9/29/2005
Chlorobenzene	ND	0.150		ppbV	1	9/29/2005
Chloroethane	ND	0.150		ppbV	1	9/29/2005
Chloroform	7.80	1.50		ppbV	10	9/29/2005
Chloromethane	0.410	0.150		ppbV	1	9/29/2005
cis-1,2-Dichloroethene	ND	0.150		ppbV	1	9/29/2005
cis-1,3-Dichloropropene	ND	0.150		ppbV	1	9/29/2005
Cyclohexane	0.350	0.150		ppbV	1	9/29/2005
Dibromochloromethane	ND	0.150		ppbV	1	9/29/2005
Ethyl acetate	ND	0.250		ppbV	1	9/29/2005
Ethylbenzene	0.180	0.150		ppbV	1	9/29/2005
Freon 11	0.400	0.150		ppbV	1	9/29/2005
Freon 113	0.780	0.150		ppbV	1	9/29/2005
Freon 114	ND	0.150		ppbV	1	9/29/2005

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 at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 09-Oct-05

CLIENT: ESC Environmental
Lab Order: C0509018
Project: 127491.05
Lab ID: C0509018-006A

Client Sample ID: RD3SSR092205
Tag Number: 237, 80
Collection Date: 9/22/2005
Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15 1UG/M3 W/ 0.25UG/M3 TCE						Analyst: RJP
Freon 12	0.800	0.150		ppbV	1	9/29/2005
Heptane	ND	0.150		ppbV	1	9/29/2005
Hexachloro-1,3-butadiene	ND	0.150		ppbV	1	9/29/2005
Hexane	0.460	0.150		ppbV	1	9/29/2005
Isopropyl alcohol	ND	0.150		ppbV	1	9/29/2005
m-Xylene	0.340	0.150		ppbV	1	9/29/2005
Methyl Butyl Ketone	ND	0.300		ppbV	1	9/29/2005
Methyl Ethyl Ketone	ND	0.300		ppbV	1	9/29/2005
Methyl Isobutyl Ketone	ND	0.300		ppbV	1	9/29/2005
Methyl tert-butyl ether	ND	0.150		ppbV	1	9/29/2005
Methylene chloride	0.240	0.150		ppbV	1	9/29/2005
o-Xylene	0.260	0.150		ppbV	1	9/29/2005
p-Xylene	0.200	0.150		ppbV	1	9/29/2005
Propylene	ND	0.150		ppbV	1	9/29/2005
Styrene	ND	0.150		ppbV	1	9/29/2005
Tetrachloroethylene	2.40	1.50		ppbV	10	9/29/2005
Tetrahydrofuran	ND	0.150		ppbV	1	9/29/2005
Toluene	2.70	1.50		ppbV	10	9/29/2005
trans-1,2-Dichloroethene	ND	0.150		ppbV	1	9/29/2005
trans-1,3-Dichloropropene	ND	0.150		ppbV	1	9/29/2005
Trichloroethene	0.720	0.0400		ppbV	1	9/29/2005
Vinyl acetate	ND	0.150		ppbV	1	9/29/2005
Vinyl Bromide	ND	0.150		ppbV	1	9/29/2005
Vinyl chloride	ND	0.150		ppbV	1	9/29/2005
Surr: Bromofluorobenzene	105	70-130		%REC	1	9/29/2005

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 at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 09-Oct-05

CLIENT: ESC Environmental
 Lab Order: C0509018
 Project: 127491.05
 Lab ID: C0509018-006A

Client Sample ID: RD3SSR092205
 Tag Number: 237, 80
 Collection Date: 9/22/2005
 Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15 1UG/M3 W/ 0.25UG/M3 TCE				TO-15		Analyst: RJP
1,1,1-Trichloroethane	1.33	0.832		ug/m3	1	9/29/2005
1,1,2,2-Tetrachloroethane	ND	1.05		ug/m3	1	9/29/2005
1,1,2-Trichloroethane	ND	0.832		ug/m3	1	9/29/2005
1,1-Dichloroethane	ND	0.617		ug/m3	1	9/29/2005
1,1-Dichloroethene	ND	0.605		ug/m3	1	9/29/2005
1,2,4-Trichlorobenzene	ND	1.13		ug/m3	1	9/29/2005
1,2,4-Trimethylbenzene	2.45	0.749		ug/m3	1	9/29/2005
1,2-Dibromoethane	ND	1.17		ug/m3	1	9/29/2005
1,2-Dichlorobenzene	ND	0.917		ug/m3	1	9/29/2005
1,2-Dichloroethane	ND	0.617		ug/m3	1	9/29/2005
1,2-Dichloropropane	ND	0.705		ug/m3	1	9/29/2005
1,3,5-Trimethylbenzene	1.60	0.750		ug/m3	1	9/29/2005
1,3-butadiene	ND	0.337		ug/m3	1	9/29/2005
1,3-Dichlorobenzene	ND	0.917		ug/m3	1	9/29/2005
1,4-Dichlorobenzene	ND	0.917		ug/m3	1	9/29/2005
1,4-Dioxane	ND	1.10		ug/m3	1	9/29/2005
2,2,4-trimethylpentane	0.380	0.712	J	ug/m3	1	9/29/2005
4-ethyltoluene	0.650	0.750	J	ug/m3	1	9/29/2005
Acetone	ND	0.724		ug/m3	1	9/29/2005
Allyl chloride	ND	0.477		ug/m3	1	9/29/2005
Benzene	0.877	0.487		ug/m3	1	9/29/2005
Benzyl chloride	ND	0.877		ug/m3	1	9/29/2005
Bromodichloromethane	3.54	1.02		ug/m3	1	9/29/2005
Bromoform	ND	1.58		ug/m3	1	9/29/2005
Bromomethane	ND	0.592		ug/m3	1	9/29/2005
Carbon disulfide	0.570	0.475		ug/m3	1	9/29/2005
Carbon tetrachloride	1.09	0.959		ug/m3	1	9/29/2005
Chlorobenzene	ND	0.702		ug/m3	1	9/29/2005
Chloroethane	ND	0.402		ug/m3	1	9/29/2005
Chloroform	38.7	7.44		ug/m3	10	9/29/2005
Chloromethane	0.861	0.315		ug/m3	1	9/29/2005
cis-1,2-Dichloroethene	ND	0.604		ug/m3	1	9/29/2005
cis-1,3-Dichloropropene	ND	0.692		ug/m3	1	9/29/2005
Cyclohexane	1.22	0.525		ug/m3	1	9/29/2005
Dibromochloromethane	ND	1.30		ug/m3	1	9/29/2005
Ethyl acetate	ND	0.916		ug/m3	1	9/29/2005
Ethylbenzene	0.794	0.662		ug/m3	1	9/29/2005
Freon 11	2.28	0.857		ug/m3	1	9/29/2005
Freon 113	6.08	1.17		ug/m3	1	9/29/2005
Freon 114	ND	1.07		ug/m3	1	9/29/2005

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 at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 09-Oct-05

CLIENT: ESC Environmental
 Lab Order: C0509018
 Project: 127491.05
 Lab ID: C0509018-006A

Client Sample ID: RD3SSR092205
 Tag Number: 237, 80
 Collection Date: 9/22/2005
 Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15 1UG/M3 W/ 0.25UG/M3 TCE		TO-15		Analyst: RJP		
Freon 12	4.02	0.754		ug/m3	1	9/29/2005
Heptane	ND	0.625		ug/m3	1	9/29/2005
Hexachloro-1,3-butadiene	ND	1.63		ug/m3	1	9/29/2005
Hexane	1.65	0.537		ug/m3	1	9/29/2005
Isopropyl alcohol	ND	0.375		ug/m3	1	9/29/2005
m-Xylene	1.50	0.662		ug/m3	1	9/29/2005
Methyl Butyl Ketone	ND	1.25		ug/m3	1	9/29/2005
Methyl Ethyl Ketone	ND	0.899		ug/m3	1	9/29/2005
Methyl Isobutyl Ketone	ND	1.25		ug/m3	1	9/29/2005
Methyl tert-butyl ether	ND	0.550		ug/m3	1	9/29/2005
Methylene chloride	0.847	0.530		ug/m3	1	9/29/2005
o-Xylene	1.15	0.662		ug/m3	1	9/29/2005
p-Xylene	0.883	0.662		ug/m3	1	9/29/2005
Propylene	ND	0.262		ug/m3	1	9/29/2005
Styrene	ND	0.649		ug/m3	1	9/29/2005
Tetrachloroethylene	16.5	10.3		ug/m3	10	9/29/2005
Tetrahydrofuran	ND	0.450		ug/m3	1	9/29/2005
Toluene	10.3	5.75		ug/m3	10	9/29/2005
trans-1,2-Dichloroethene	ND	0.604		ug/m3	1	9/29/2005
trans-1,3-Dichloropropene	ND	0.692		ug/m3	1	9/29/2005
Trichloroethene	3.93	0.218		ug/m3	1	9/29/2005
Vinyl acetate	ND	0.537		ug/m3	1	9/29/2005
Vinyl Bromide	ND	0.667		ug/m3	1	9/29/2005
Vinyl chloride	ND	0.390		ug/m3	1	9/29/2005

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 at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Data File : C:\MSDCHEM\1\DATA\AC092921.D

Vial: 9

Acq On : 30 Sep 2005 2:36 am

Operator: RJP

Sample : C0509018-006A

Inst : MSD #1

Misc : C0509018-006A

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Sep 30 02:59:14 2005

Quant Results File: A905_1UT.RES

Quant Method : C:\MSDCHEM\1\METHODS\A905_1UT.M (RTE Integrator)

Title : TO-15 VOA Standards for 5 point calibration

Last Update : Tue Sep 06 13:55:05 2005

Response via : Initial Calibration

DataAcq Meth : A905_1UT

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) Bromochloromethane	9.28	128	21870m ^P	1.00	ppb	0.00
30) 1,4-difluorobenzene	11.58	114	71003	1.00	ppb	-0.01
44) Chlorobenzene-d5	16.02	117	74978	1.00	ppb	0.00

System Monitoring Compounds

58) Bromofluorobenzene	17.53	95	40288	1.05	ppb	0.00
Spiked Amount	1.000	Range	70 - 130	Recovery	=	105.00%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Freon 12	3.93	85	57045	0.80	ppb	99
4) Chloromethane	4.11	50	10196	0.41	ppb	93
11) Freon 11	5.44	101	37500	0.40	ppb	96
15) Freon 113	6.36	101	51203m ^P	0.78	ppb	
16) Methylene chloride	6.60	84	5775	0.24	ppb	# 55
18) Carbon disulfide	6.74	76	17074m	0.18	ppb	
25) Hexane	8.46	41	10063	0.46	ppb	# 63
27) Chloroform	9.43	83	466986	8.29	ppb	100
31) 1,1,1-trichloroethane	10.24	97	12414	0.24	ppb	# 69
32) Cyclohexane	10.96	56	8618	0.35	ppb	# 73
33) Carbon tetrachloride	10.89	117	10492m	0.17	ppb	
34) Benzene	10.87	78	17505	0.27	ppb	81
36) 2,2,4-trimethylpentane	11.75	57	6185	0.08	ppb	79
38) Trichloroethene	12.20	130	27927	0.72	ppb	90
40) Bromodichloromethane	12.63	83	25250	0.52	ppb	98
45) Toluene	14.20	92	183398	3.57	ppb	96
50) Tetrachloroethylene	15.17	164	101883	2.47	ppb	100
52) Ethylbenzene	16.31	91	17103	0.18	ppb	93
53) m-xylene	16.47	91	26114m	0.34	ppb	
54) p-xylene	16.48	91	17465m	0.20	ppb	
57) o-xylene	16.92	91	23740	0.26	ppb	89
60) 4-ethyltoluene	18.07	105	8014	0.13	ppb	92
61) 1,3,5-trimethylbenzene	18.12	105	27729m	0.32	ppb	
62) 1,2,4-trimethylbenzene	18.51	105	35925	0.49	ppb	87

 (#) = qualifier out of range (m) = manual integration (+) = signals summed
 AC092921.D A905_1UT.M Sun Oct 09 14:18:48 2005 MSA Page 1

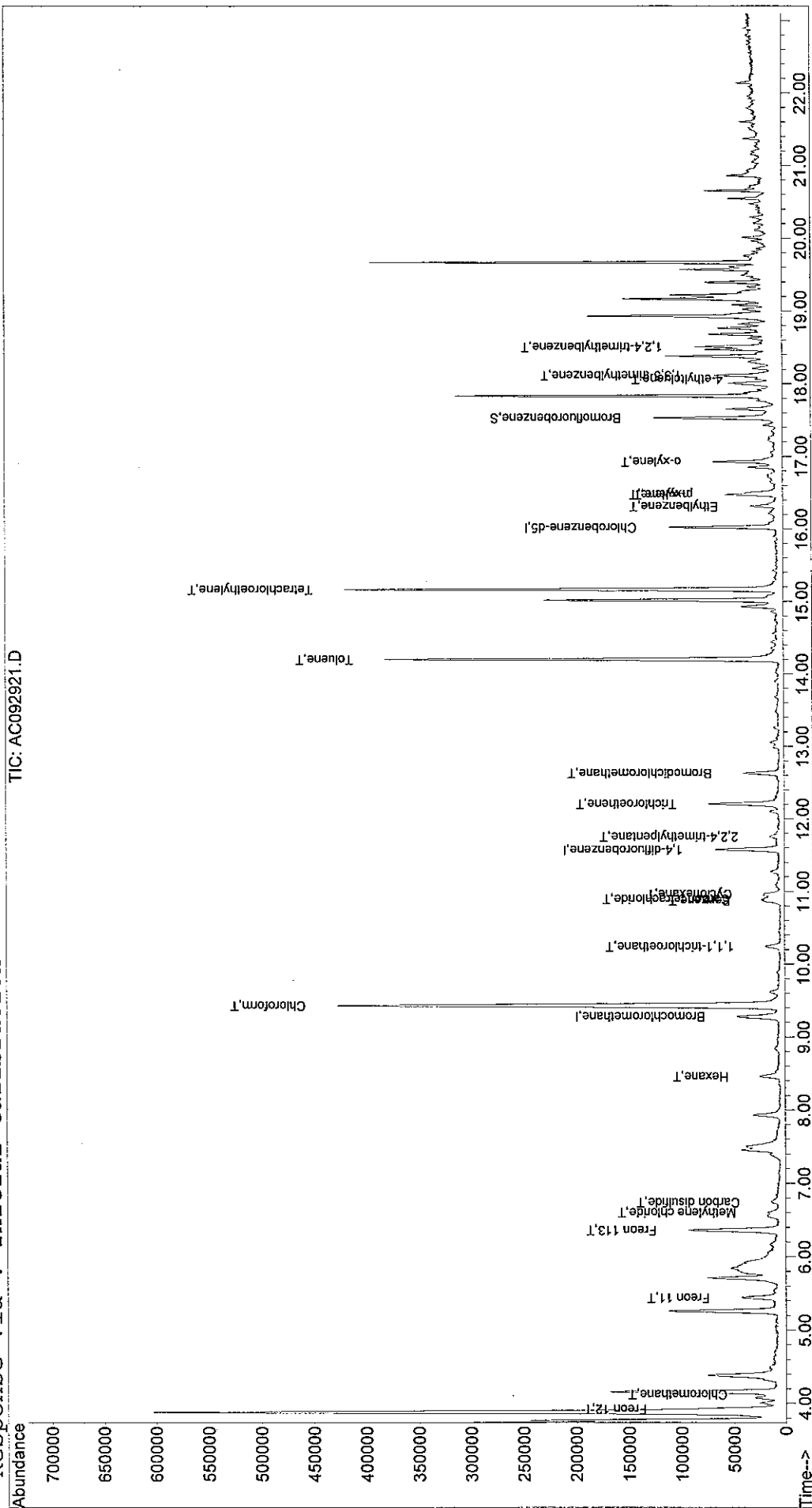
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Acq On : 30 Sep 2005 2:36 am
Sample : C0509018-006A
Misc : C0509018-006A
MS Integration Params: RTEINT.P
Quant Time: Sep 30 8:05 2005

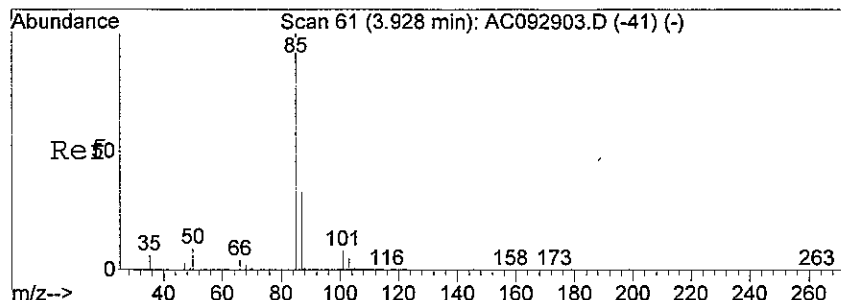
Vial: 9
Operator: RJP
Inst : MSD #1
Multiplr: 1.00

Quant Results File: A905_1UT.RES

Method : C:\MSDCHEM\1\METHODS\A905_1UT.M (RTE Integrator)
Title : TO-15 VOA Standards for 5 point calibration
Last Update : Sun Oct 09 14:17:27 2005
Response via : Initial Calibration

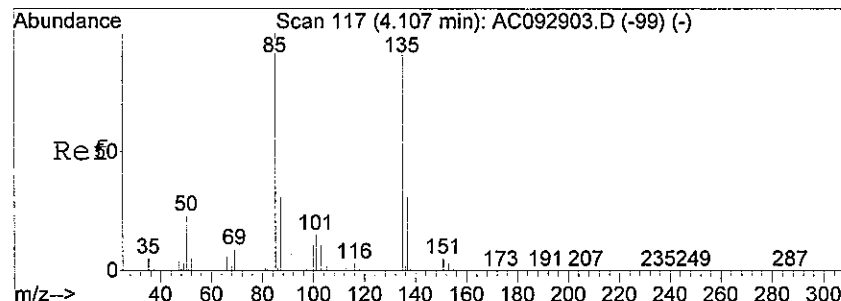
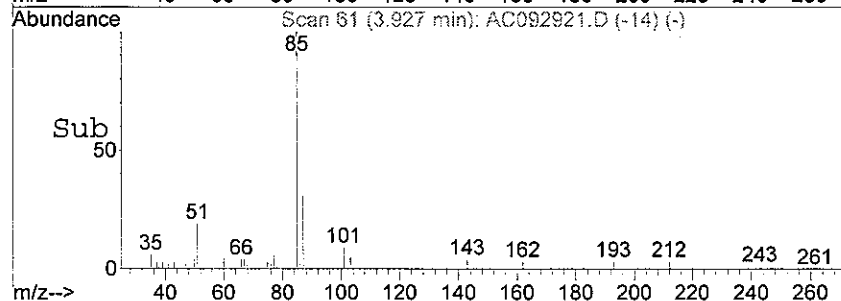
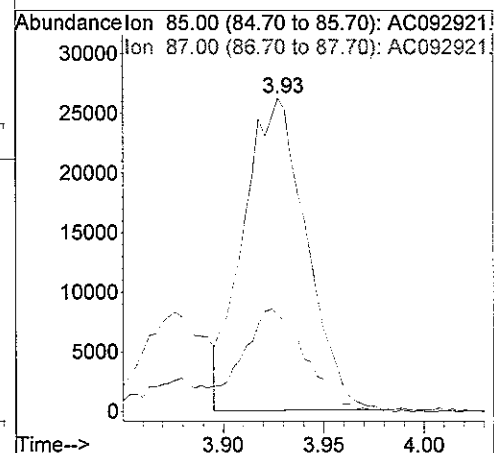
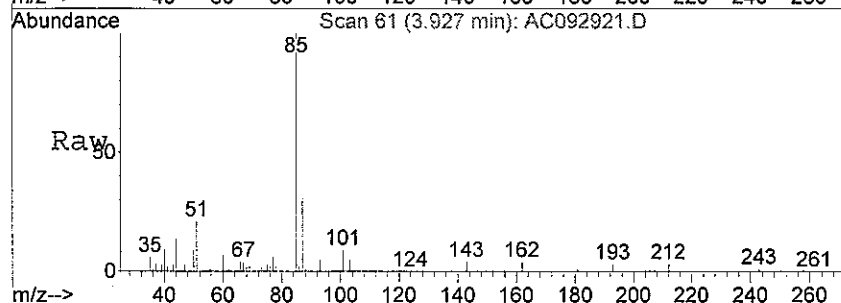
TIC: AC092921.D





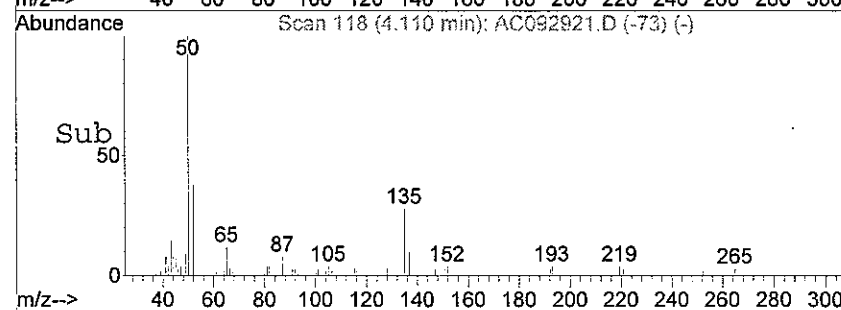
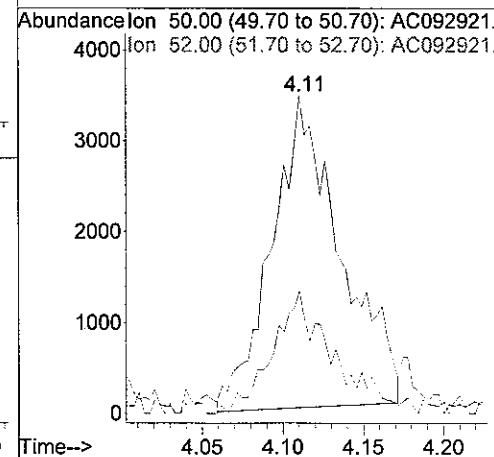
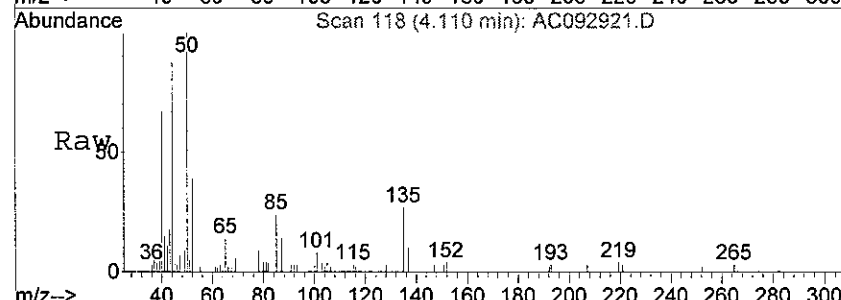
#3
Freon 12
Concen: 0.80 ppb
RT: 3.93 min Scan# 61
Delta R.T. -0.00 min
Lab File: AC092921.D
Acq: 30 Sep 2005 2:36 am

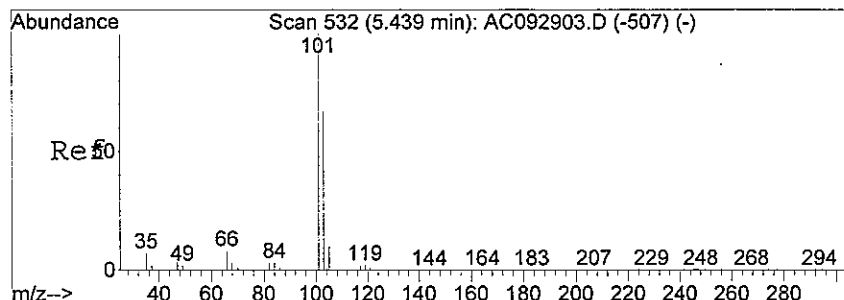
Tgt Ion: 85 Resp: 57045
Ion Ratio Lower Upper
85 100
87 32.7 12.1 52.1



#4
Chloromethane
Concen: 0.41 ppb
RT: 4.11 min Scan# 118
Delta R.T. -0.01 min
Lab File: AC092921.D
Acq: 30 Sep 2005 2:36 am

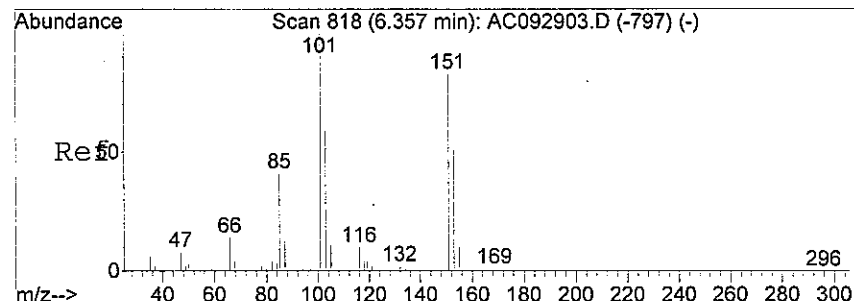
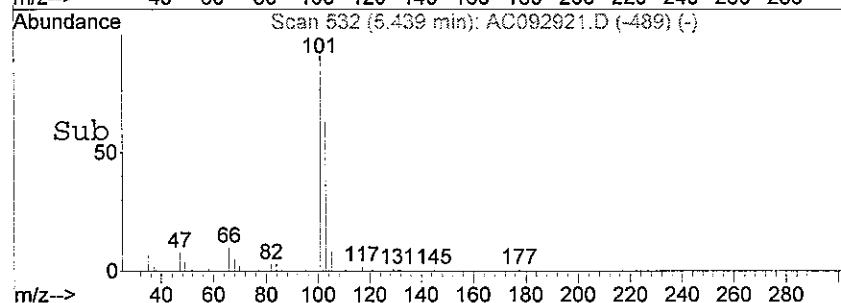
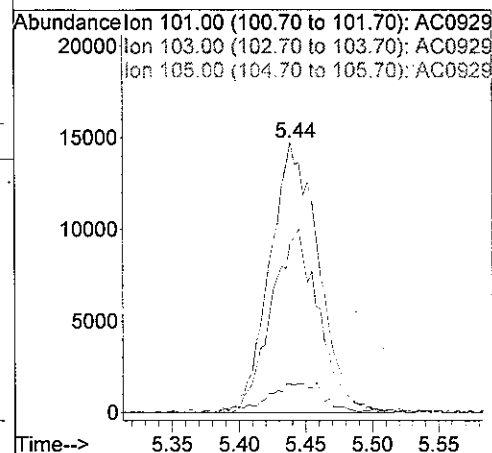
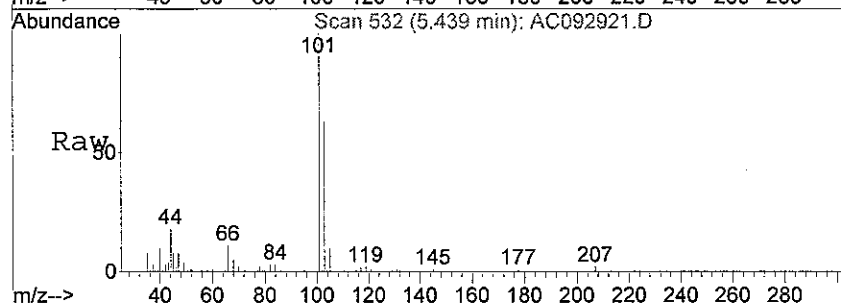
Tgt Ion: 50 Resp: 10196
Ion Ratio Lower Upper
50 100
52 20.0 3.3 43.3





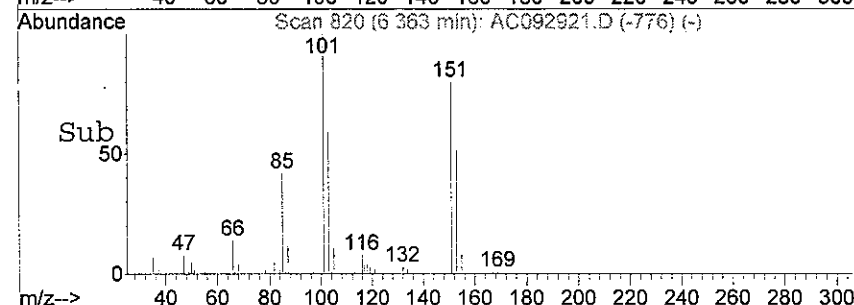
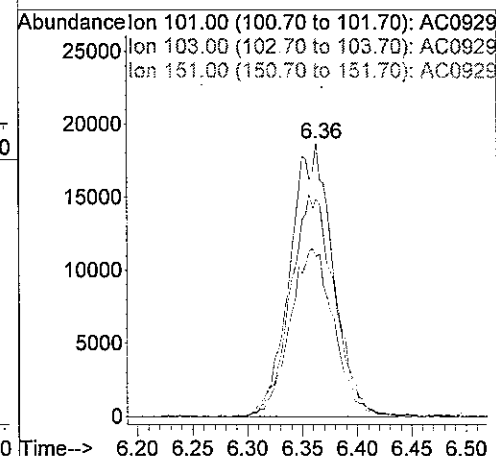
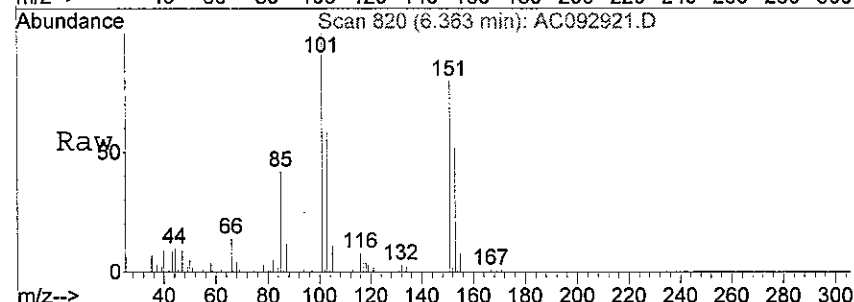
#11
 Freon 11
 Concen: 0.40 ppb
 RT: 5.44 min Scan# 532
 Delta R.T. -0.01 min
 Lab File: AC092921.D
 Acq: 30 Sep 2005 2:36 am

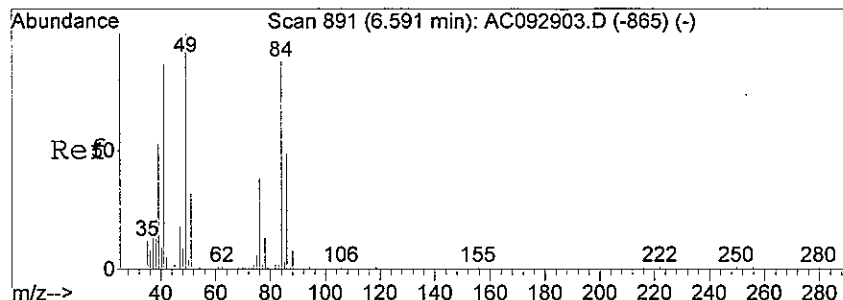
Tgt Ion	Ratio	Lower	Upper
101	100		
103	66.4	43.4	83.4
105	12.1	0.0	30.9



#15
 Freon 113
 Concen: 0.78 ppb m
 RT: 6.36 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: AC092921.D
 Acq: 30 Sep 2005 2:36 am

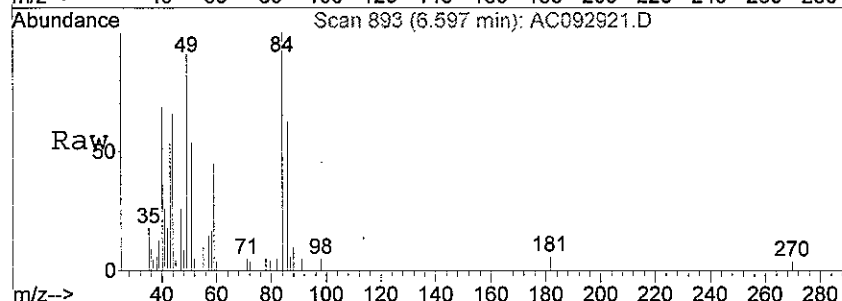
Tgt Ion	Ratio	Lower	Upper
101	100		
103	62.5	13.9	53.9#
151	82.0	66.6	106.6



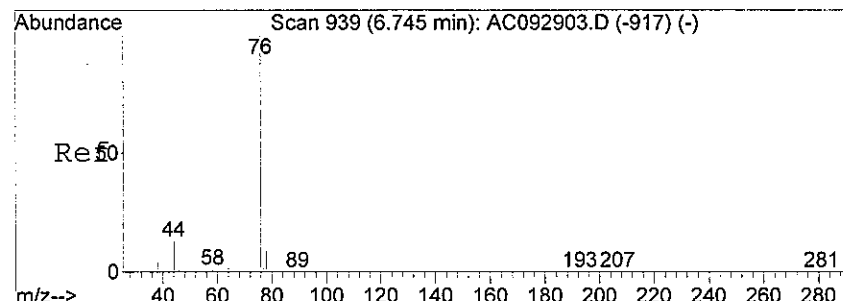
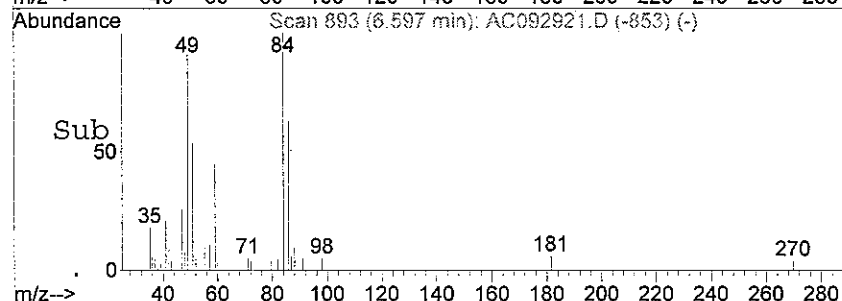
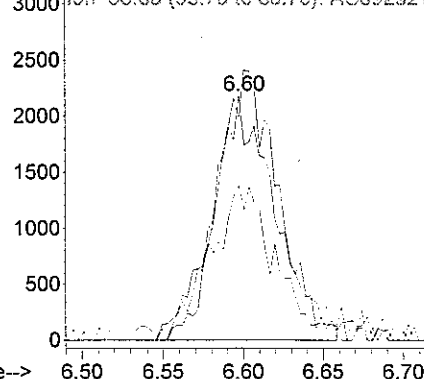


#16
Methylene chloride
Concen: 0.24 ppb
RT: 6.60 min Scan# 893
Delta R.T. -0.02 min
Lab File: AC092921.D
Acq: 30 Sep 2005 2:36 am

Tgt Ion: 84 Resp: 5775
Ion Ratio Lower Upper
84 100
49 116.9 163.1 203.1#
86 33.4 48.2 88.2#

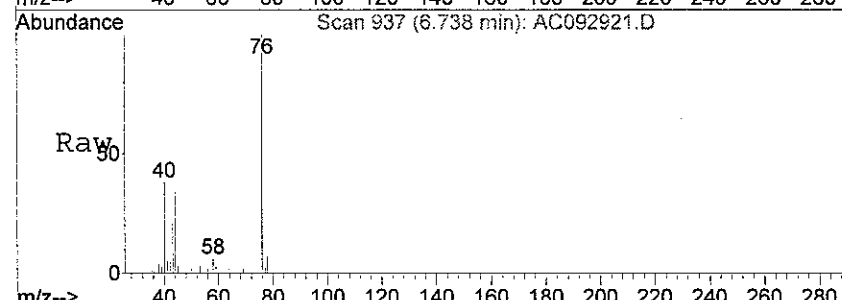


Abundance Ion 84.00 (83.70 to 84.70): AC092921
Ion 49.00 (48.70 to 49.70): AC092921
Ion 86.00 (85.70 to 86.70): AC092921

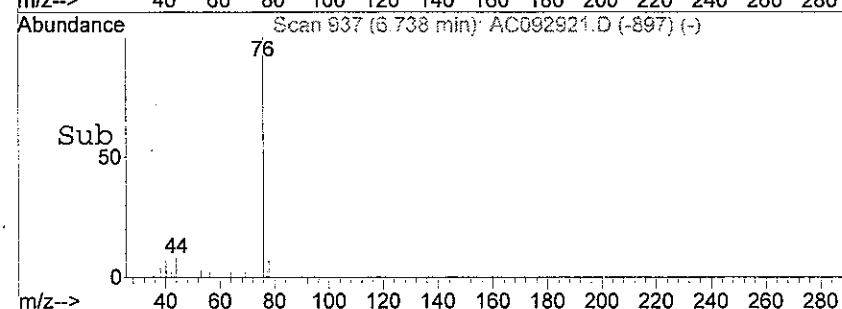
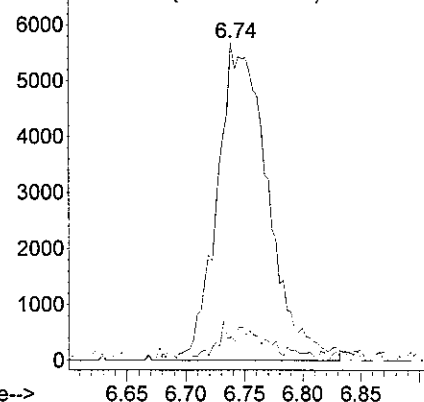


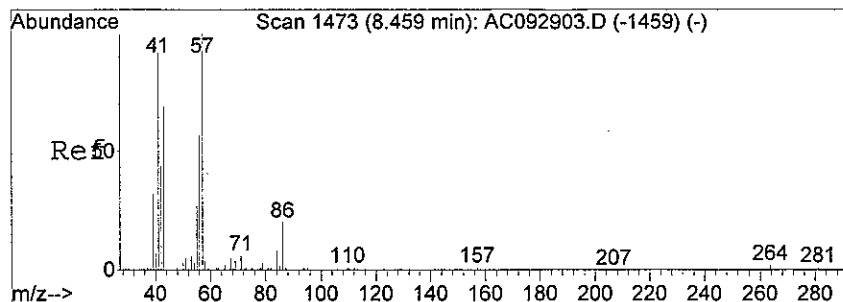
#18
Carbon disulfide
Concen: 0.18 ppb m
RT: 6.74 min Scan# 937
Delta R.T. -0.02 min
Lab File: AC092921.D
Acq: 30 Sep 2005 2:36 am

Tgt Ion: 76 Resp: 17074
Ion Ratio Lower Upper
76 100
78 5.6 0.0 30.2



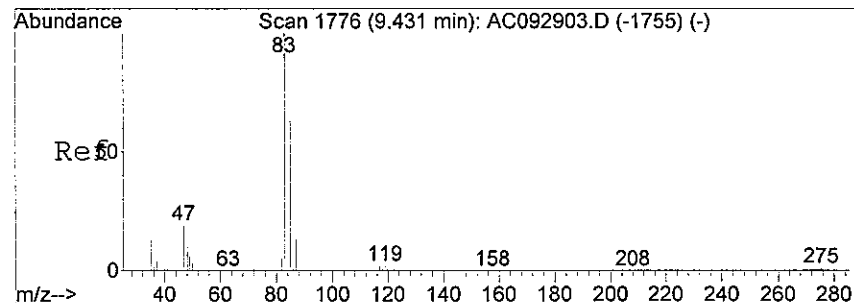
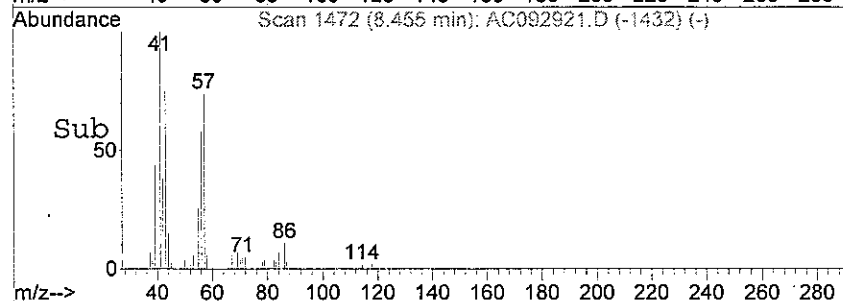
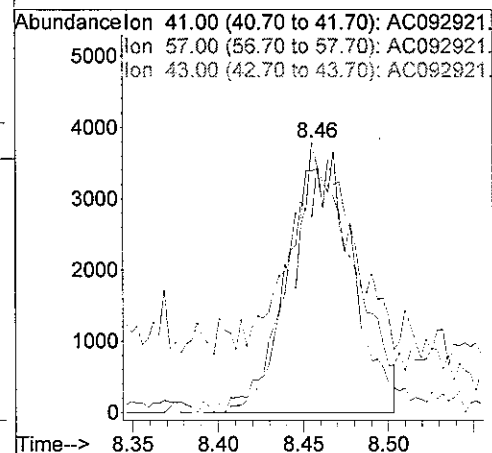
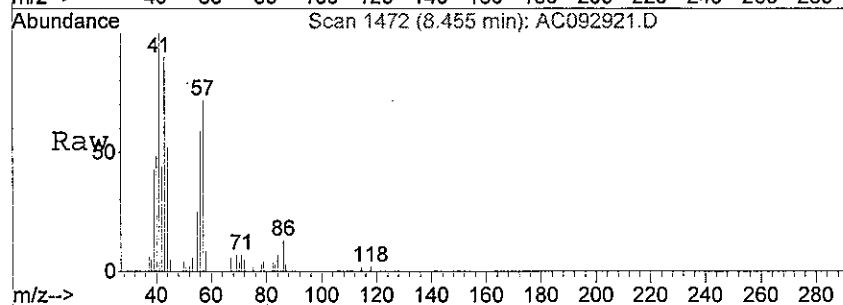
Abundance Ion 76.00 (75.70 to 76.70): AC092921
Ion 78.00 (77.70 to 78.70): AC092921





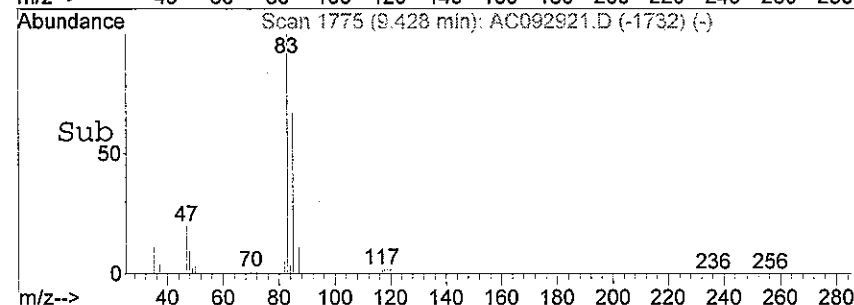
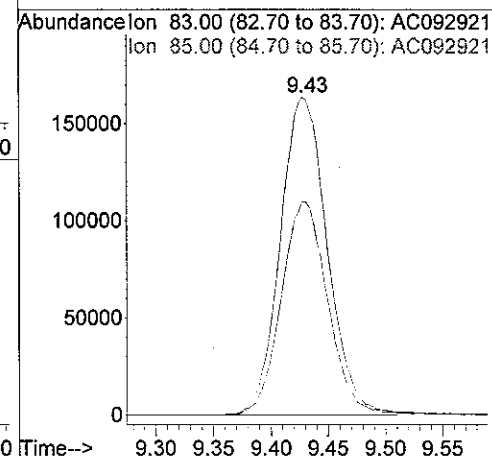
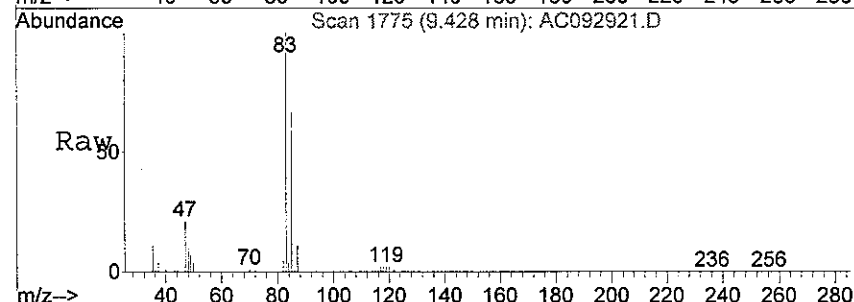
#25
Hexane
Concen: 0.46 ppb
RT: 8.46 min Scan# 1472
Delta R.T. -0.02 min
Lab File: AC092921.D
Acq: 30 Sep 2005 2:36 am

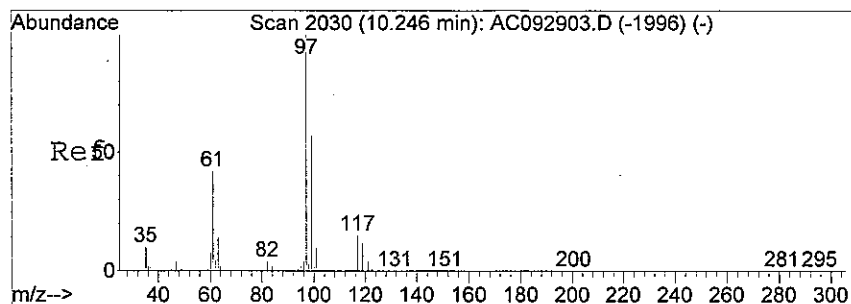
Tgt Ion: 41 Resp: 10063
Ion Ratio Lower Upper
41 100
57 91.0 102.6 142.6#
43 38.1 62.5 102.5#



#27
Chloroform
Concen: 8.29 ppb
RT: 9.43 min Scan# 1775
Delta R.T. -0.01 min
Lab File: AC092921.D
Acq: 30 Sep 2005 2:36 am

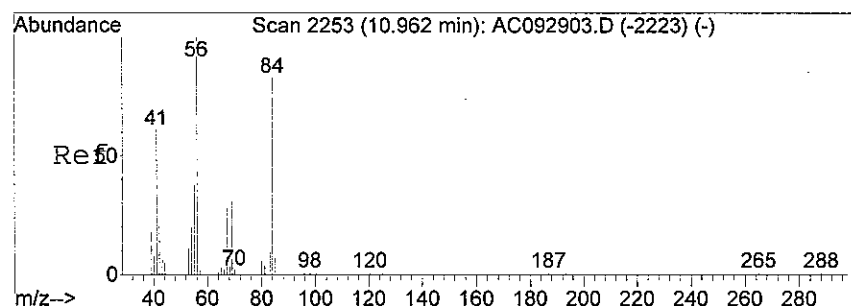
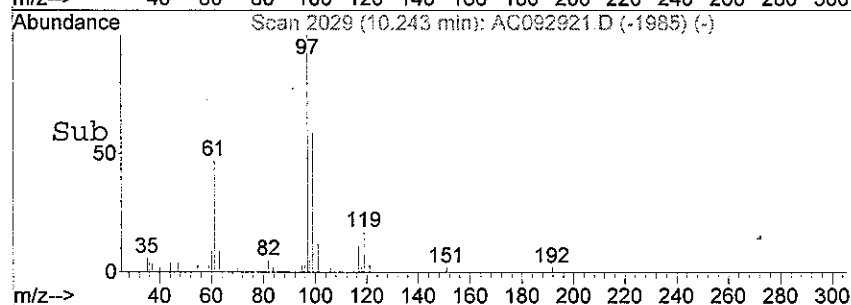
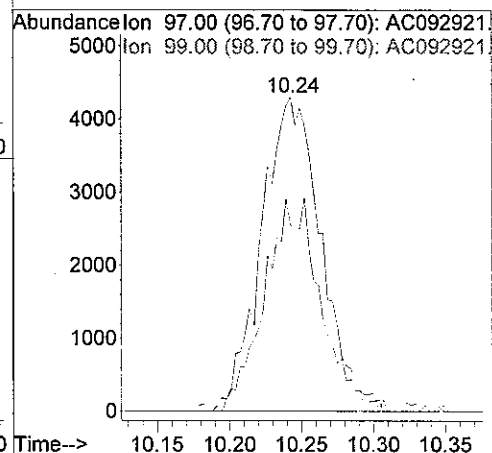
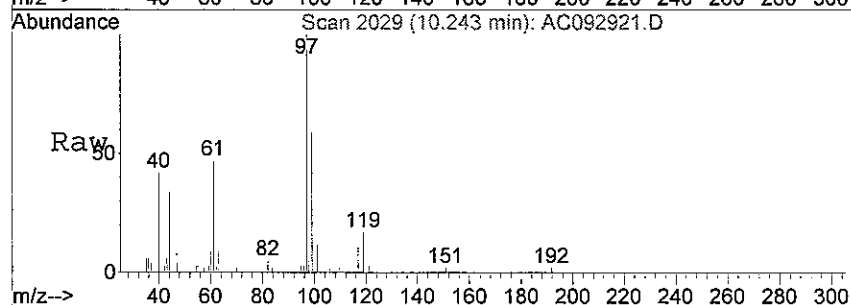
Tgt Ion: 83 Resp: 466986
Ion Ratio Lower Upper
83 100
85 66.4 46.2 86.2





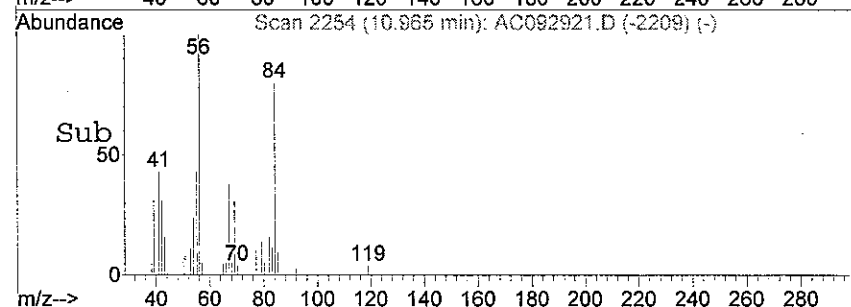
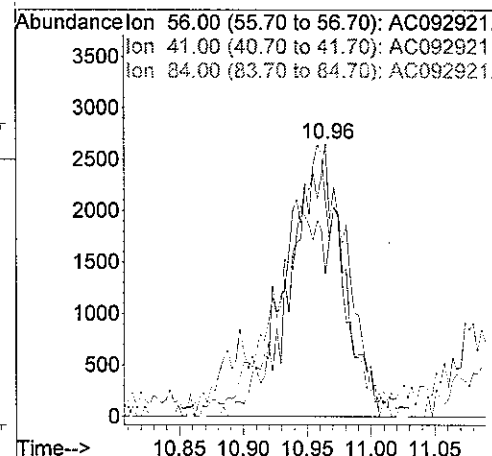
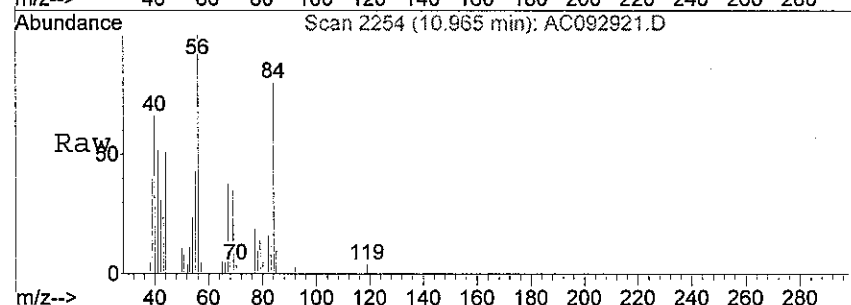
#31
 1,1,1-trichloroethane
 Concen: 0.24 ppb
 RT: 10.24 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: AC092921.D
 Acq: 30 Sep 2005 2:36 am

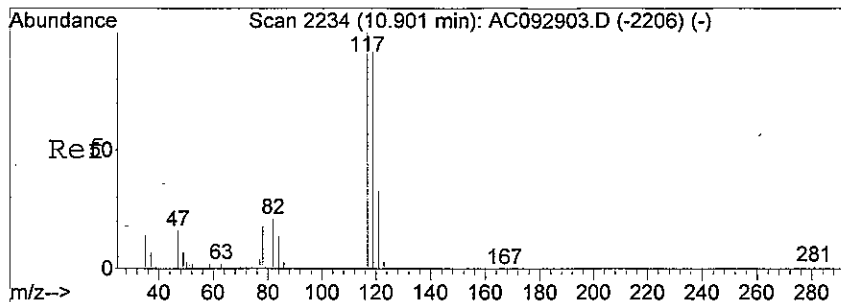
Tgt Ion: 97 Resp: 12414
 Ion Ratio Lower Upper
 97 100
 99 40.1 44.7 84.7#



#32
 Cyclohexane
 Concen: 0.35 ppb
 RT: 10.96 min Scan# 2254
 Delta R.T. -0.01 min
 Lab File: AC092921.D
 Acq: 30 Sep 2005 2:36 am

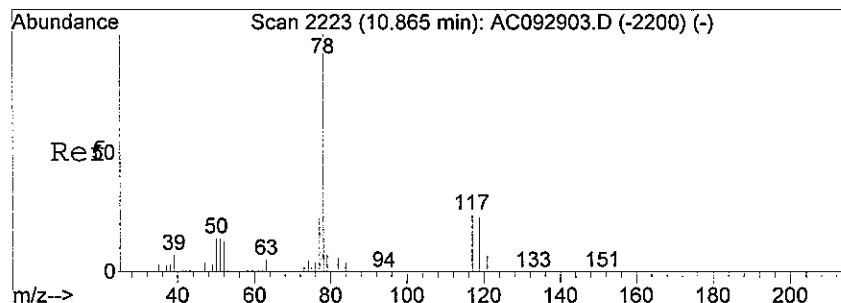
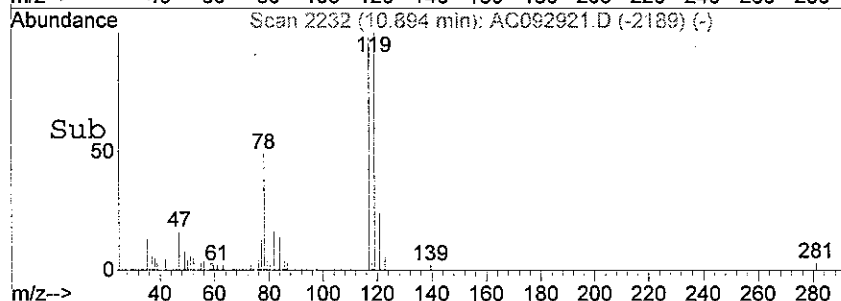
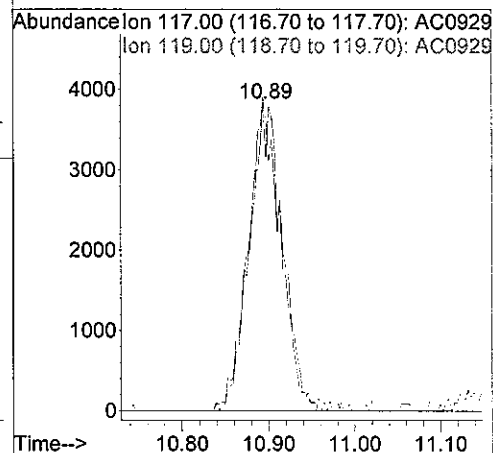
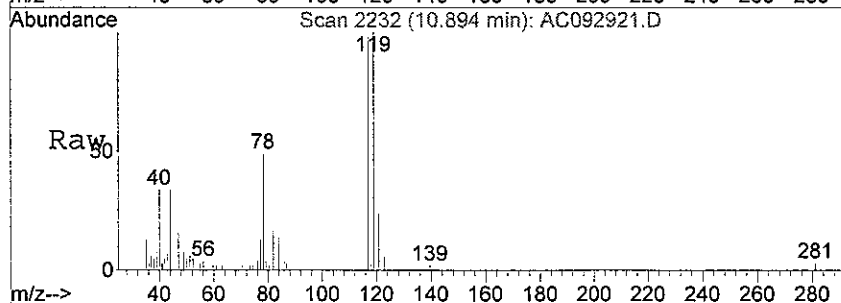
Tgt Ion: 56 Resp: 8618
 Ion Ratio Lower Upper
 56 100
 41 22.5 34.9 74.9#
 84 80.2 49.8 89.8





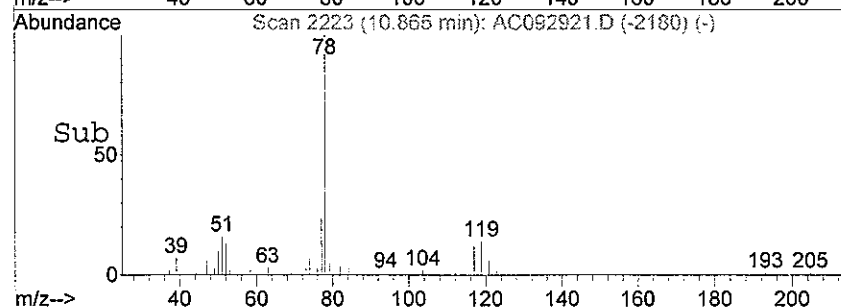
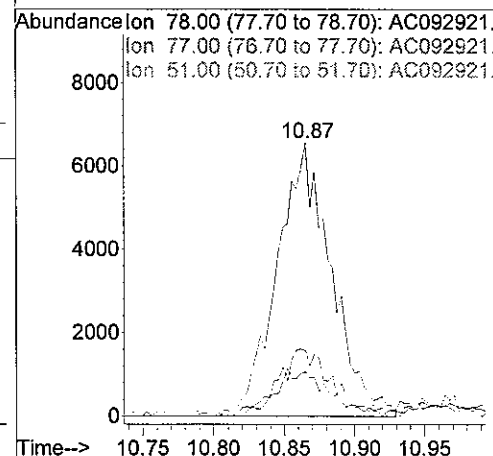
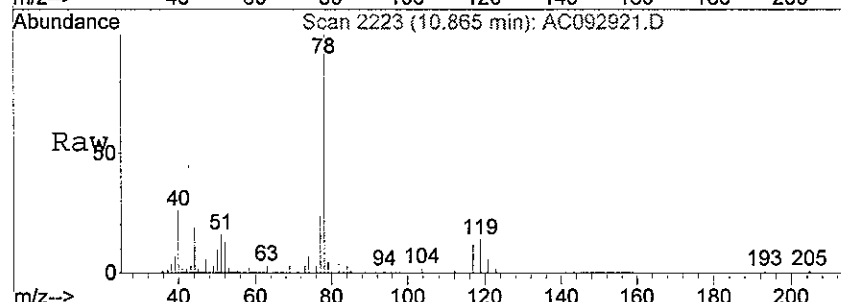
#33
Carbon tetrachloride
Concen: 0.17 ppb m
RT: 10.89 min Scan# 2232
Delta R.T. -0.01 min
Lab File: AC092921.D
Acq: 30 Sep 2005 2:36 am

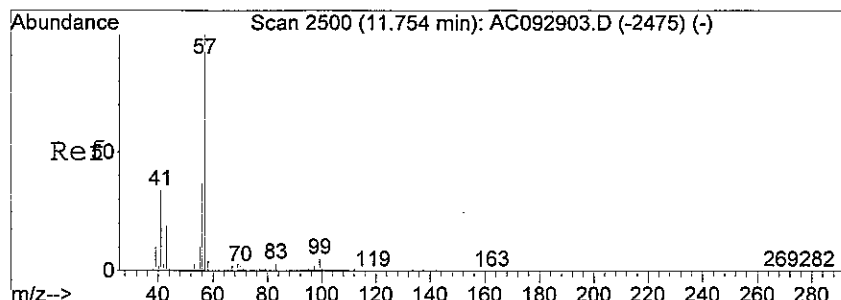
Tgt Ion: 117 Resp: 10492
Ion Ratio Lower Upper
117 100
119 95.3 75.9 115.9



#34
Benzene
Concen: 0.27 ppb
RT: 10.87 min Scan# 2223
Delta R.T. -0.01 min
Lab File: AC092921.D
Acq: 30 Sep 2005 2:36 am

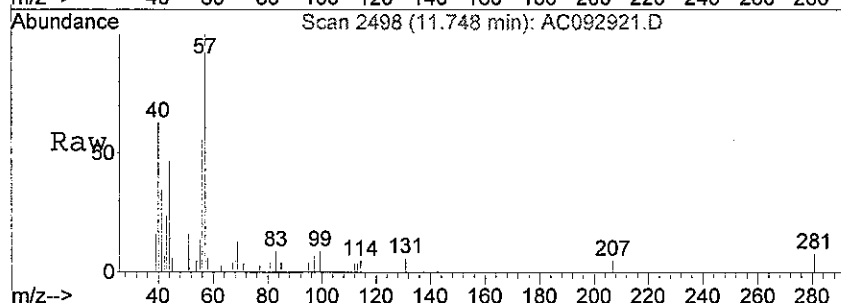
Tgt Ion: 78 Resp: 17505
Ion Ratio Lower Upper
78 100
77 24.0 3.1 43.1
51 7.7 5.7 45.7



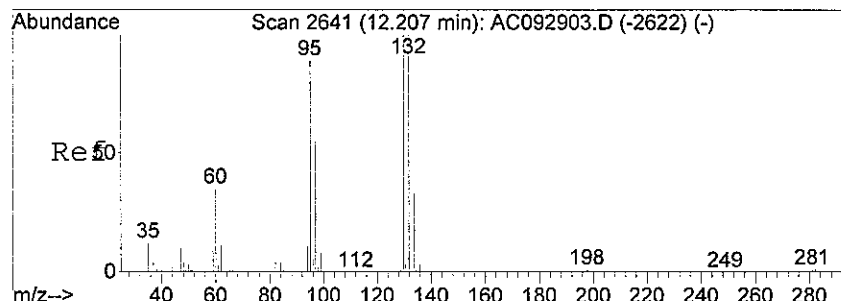
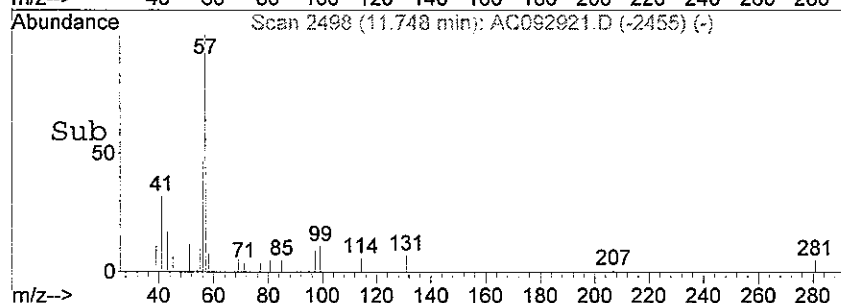
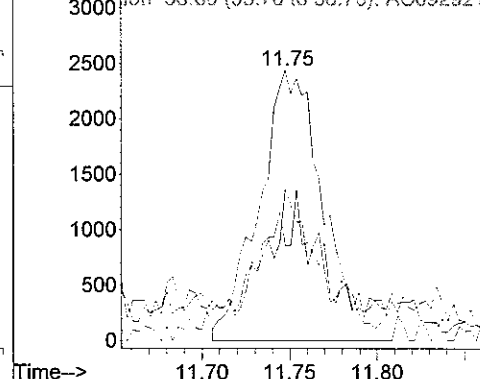


#36
2,2,4-trimethylpentane
Concen: 0.08 ppb
RT: 11.75 min Scan# 2498
Delta R.T. -0.01 min
Lab File: AC092921.D
Acq: 30 Sep 2005 2:36 am

Tgt Ion: 57 Resp: 6185
Ion Ratio Lower Upper
57 100
41 16.4 10.5 50.5
56 40.0 11.1 51.1

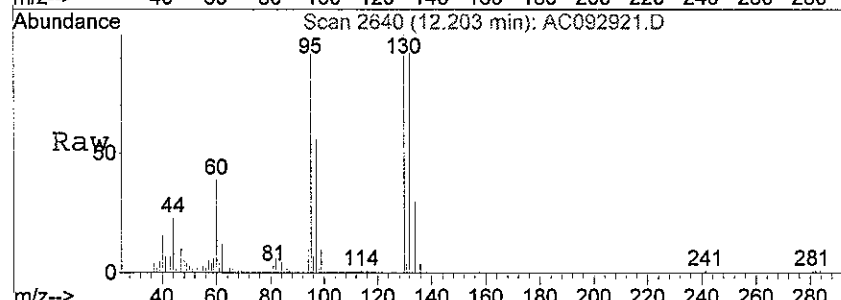


Abundance Ion 57.00 (56.70 to 57.70): AC092921
Ion 41.00 (40.70 to 41.70): AC092921
Ion 56.00 (55.70 to 56.70): AC092921

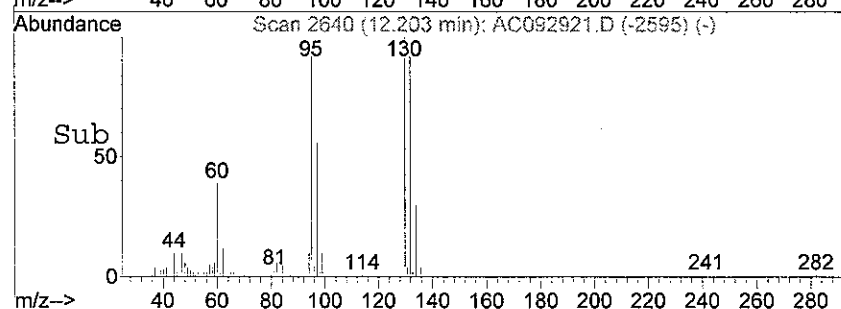
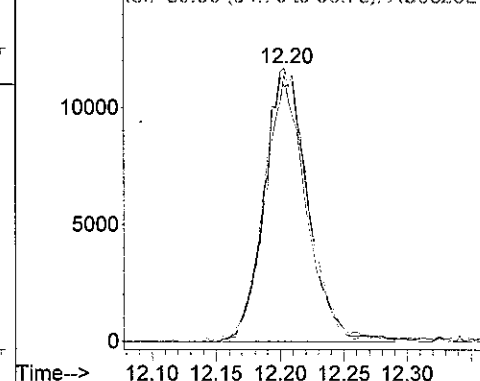


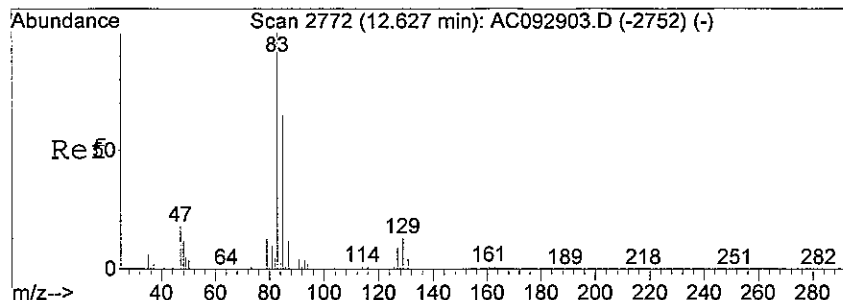
#38
Trichloroethene
Concen: 0.72 ppb
RT: 12.20 min Scan# 2640
Delta R.T. -0.01 min
Lab File: AC092921.D
Acq: 30 Sep 2005 2:36 am

Tgt Ion: 130 Resp: 27927
Ion Ratio Lower Upper
130 100
132 97.4 76.8 116.8
95 90.7 89.8 129.8



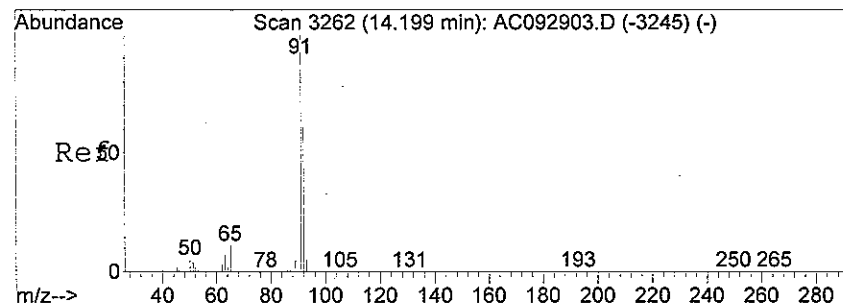
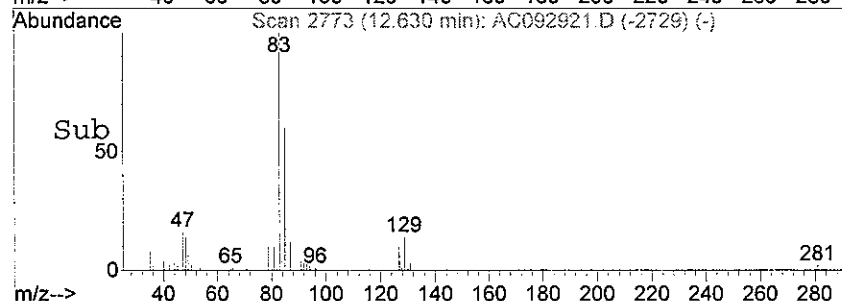
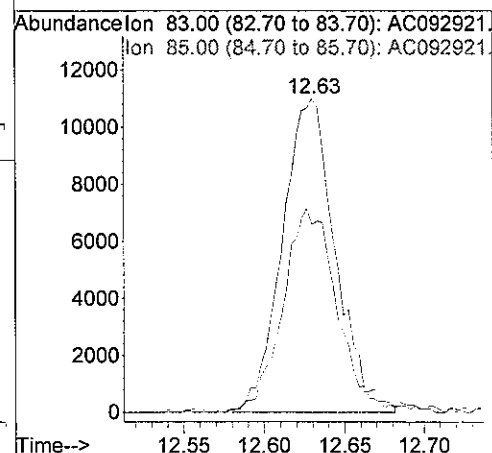
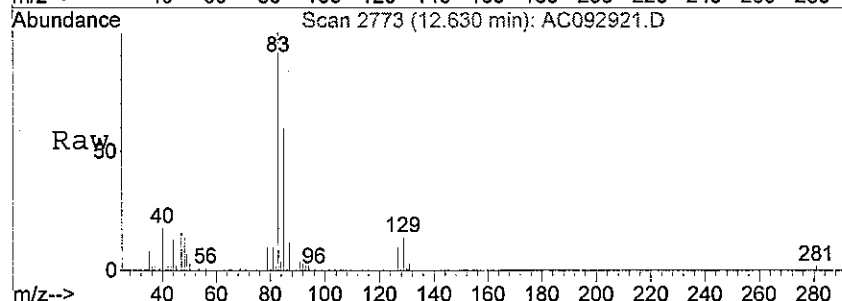
Abundance Ion 130.00 (129.70 to 130.70): AC0929
Ion 132.00 (131.70 to 132.70): AC0929
Ion 95.00 (94.70 to 95.70): AC092921





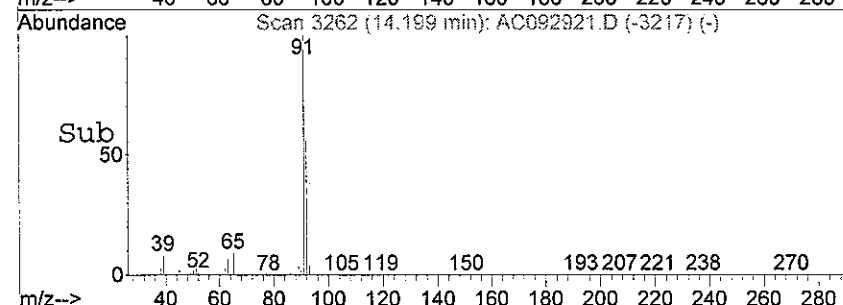
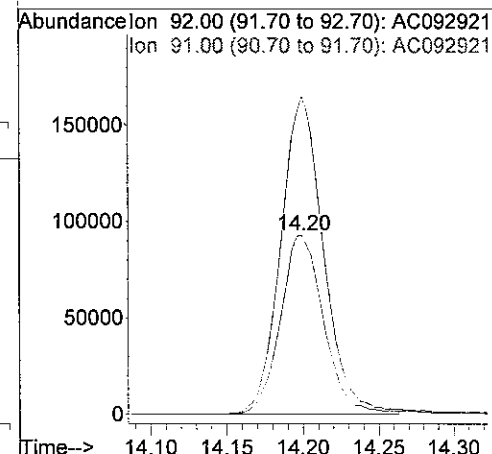
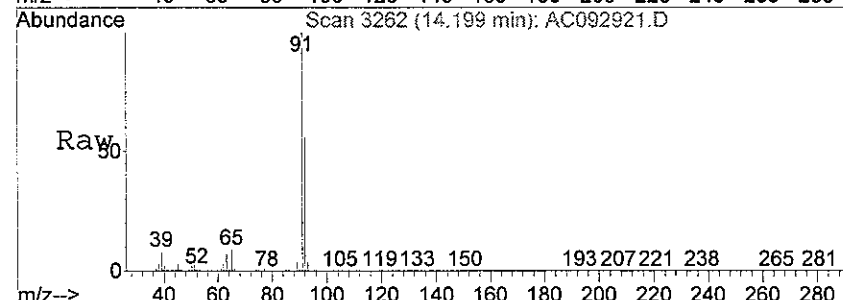
#40
Bromodichloromethane
Concen: 0.52 ppb
RT: 12.63 min Scan# 2773
Delta R.T. -0.01 min
Lab File: AC092921.D
Acq: 30 Sep 2005 2:36 am

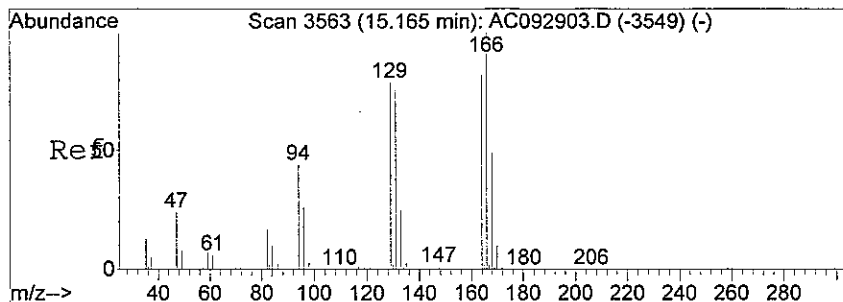
Tgt Ion: 83 Resp: 25250
Ion Ratio Lower Upper
83 100
85 66.2 44.9 84.9



#45
Toluene
Concen: 3.57 ppb
RT: 14.20 min Scan# 3262
Delta R.T. -0.01 min
Lab File: AC092921.D
Acq: 30 Sep 2005 2:36 am

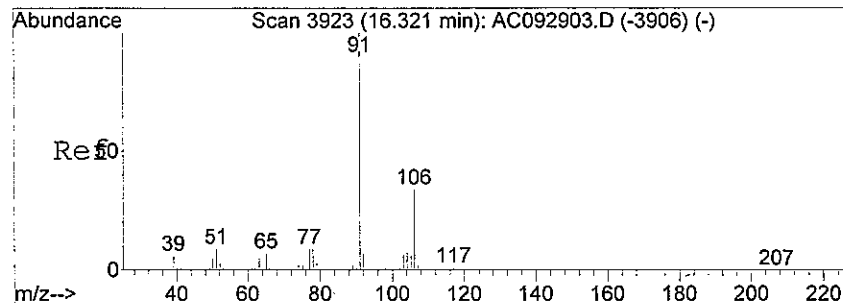
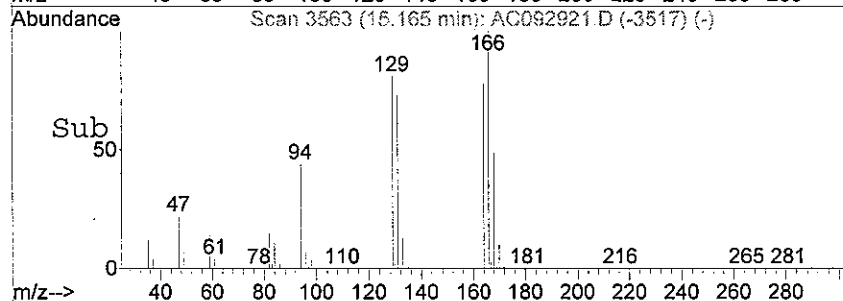
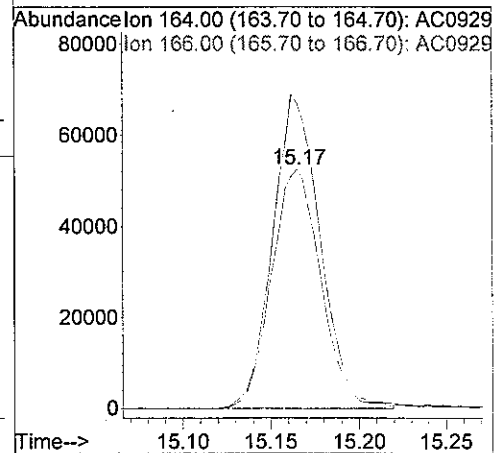
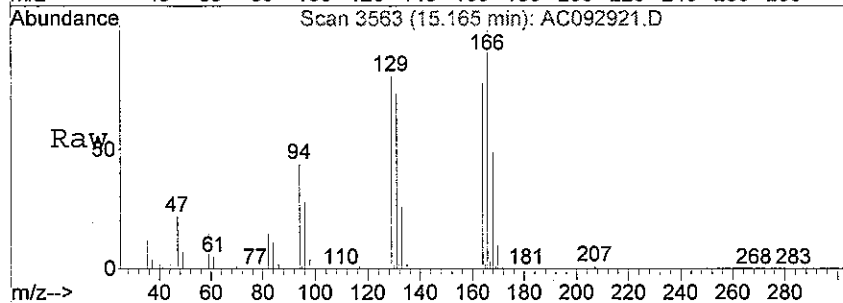
Tgt Ion: 92 Resp: 183398
Ion Ratio Lower Upper
92 100
91 176.6 151.0 191.0





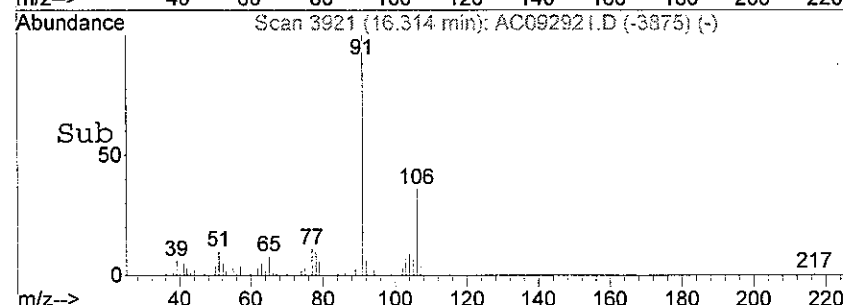
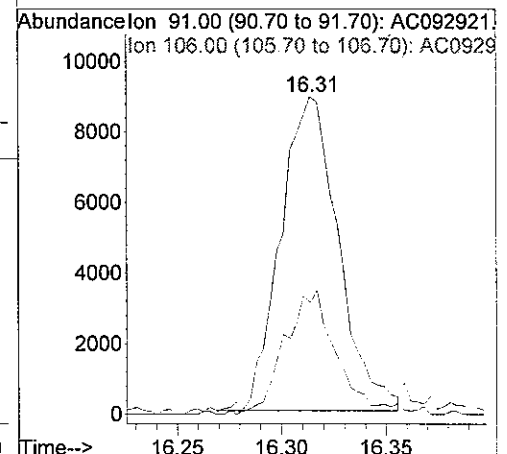
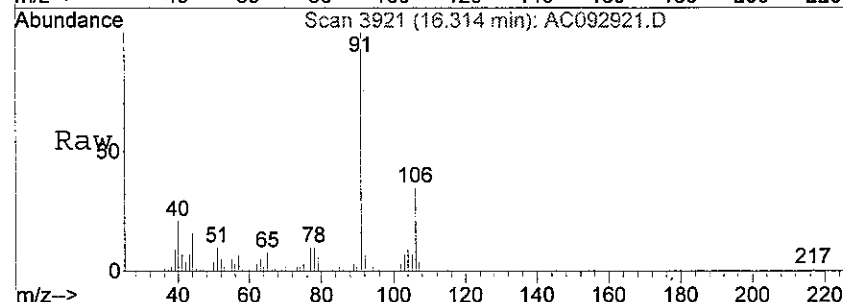
#50
Tetrachloroethylene
Concen: 2.47 ppb
RT: 15.17 min Scan# 3563
Delta R.T. -0.00 min
Lab File: AC092921.D
Acq: 30 Sep 2005 2:36 am

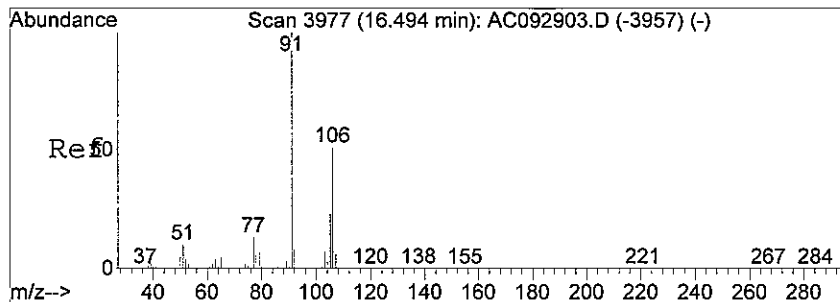
Tgt Ion: 164 Resp: 101883
Ion Ratio Lower Upper
164 100
166 127.1 106.8 146.8



#52
Ethylbenzene
Concen: 0.18 ppb
RT: 16.31 min Scan# 3921
Delta R.T. -0.00 min
Lab File: AC092921.D
Acq: 30 Sep 2005 2:36 am

Tgt Ion: 91 Resp: 17103
Ion Ratio Lower Upper
91 100
106 34.2 10.2 50.2





#53

m-xylene

Concen: 0.34 ppb m

RT: 16.47 min Scan# 3971

Delta R.T. -0.00 min

Lab File: AC092921.D

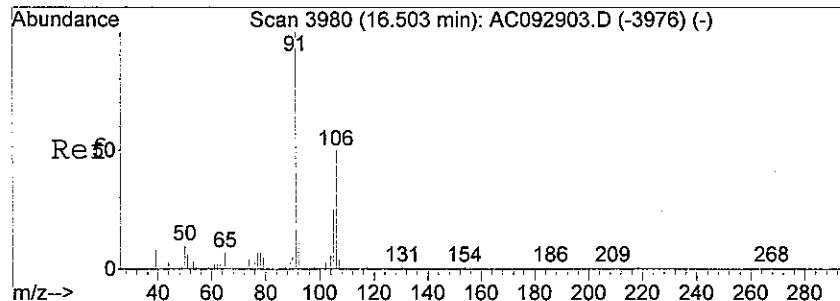
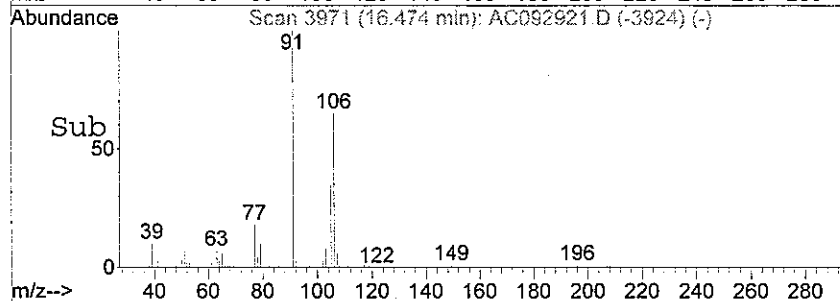
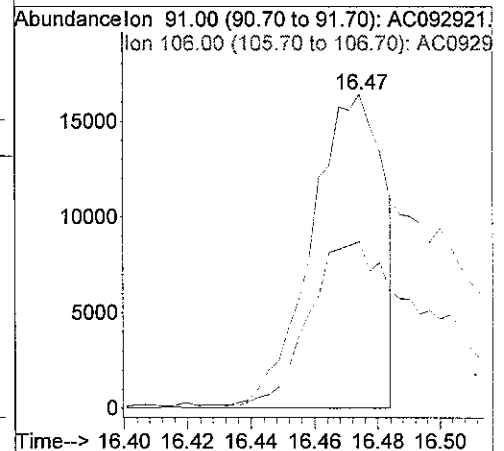
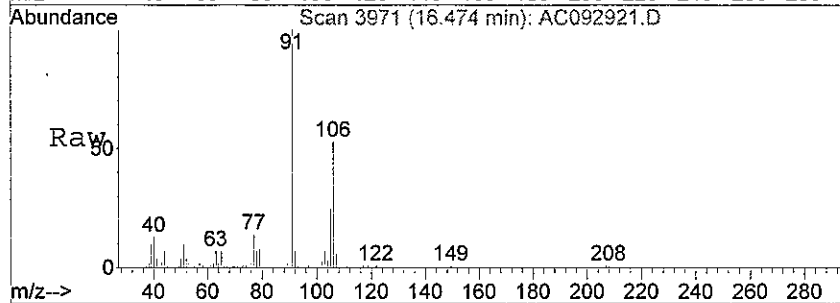
Acq: 30 Sep 2005 2:36 am

Tgt Ion: 91 Resp: 26114

Ion Ratio Lower Upper

91 100

106 91.1 31.7 71.7#



#54

p-xylene

Concen: 0.20 ppb m

RT: 16.48 min Scan# 3974

Delta R.T. -0.02 min

Lab File: AC092921.D

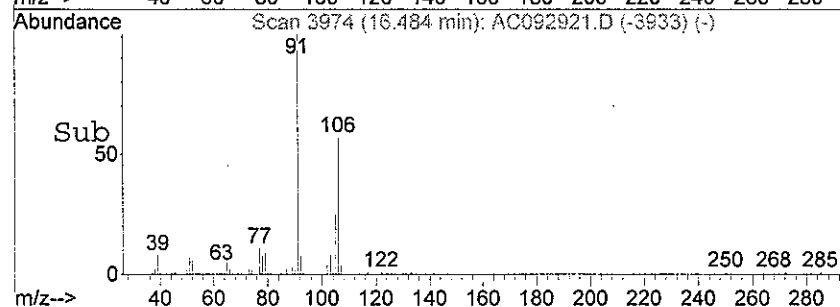
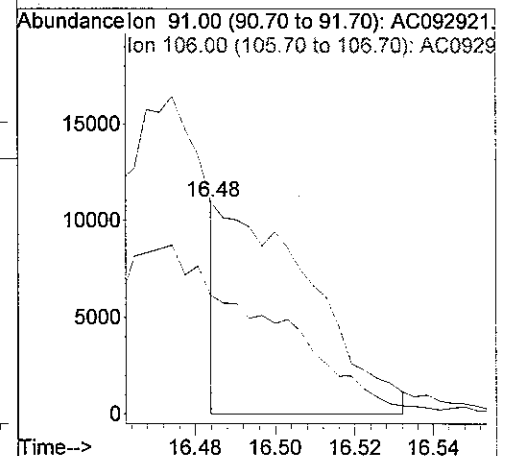
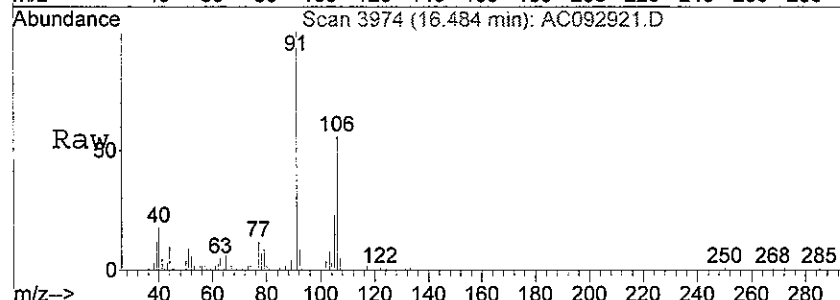
Acq: 30 Sep 2005 2:36 am

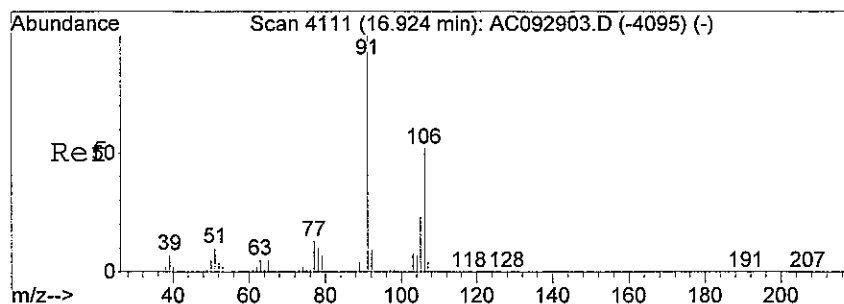
Tgt Ion: 91 Resp: 17465

Ion Ratio Lower Upper

91 100

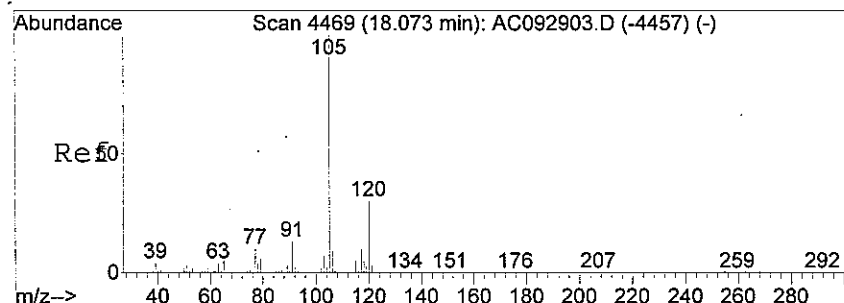
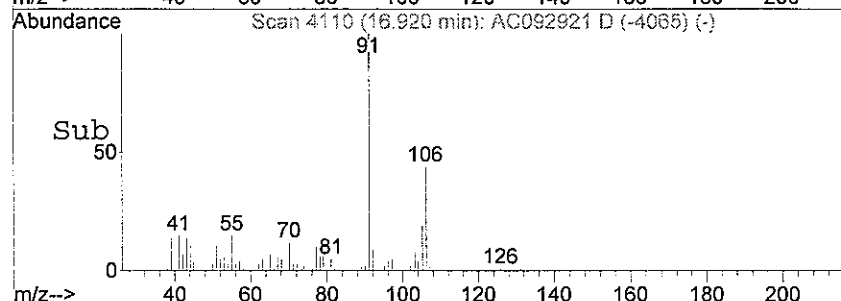
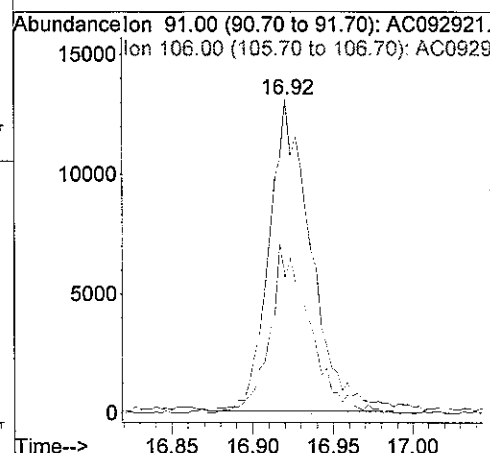
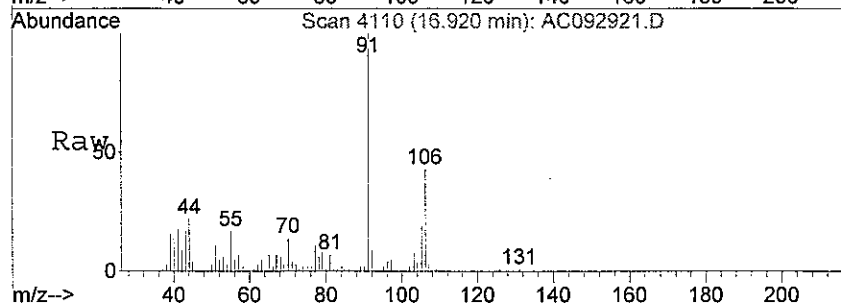
106 136.2 22.7 62.7#





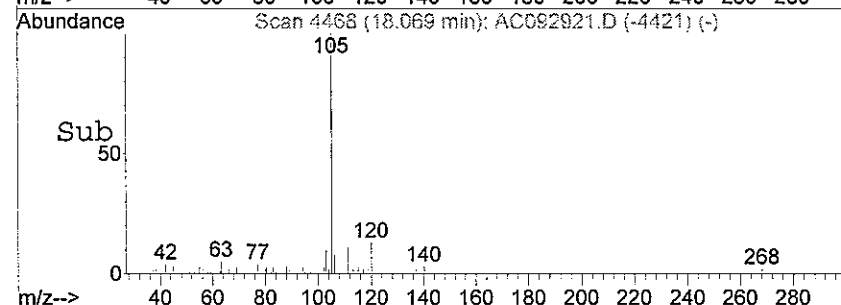
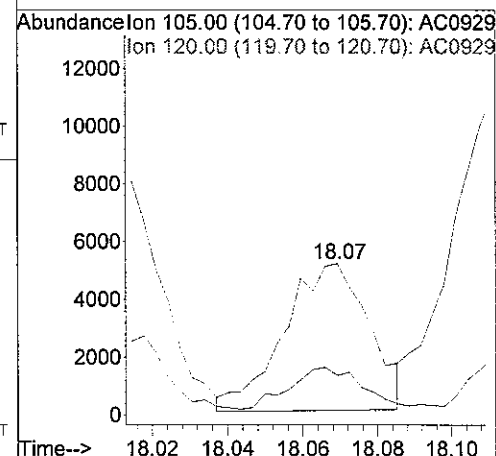
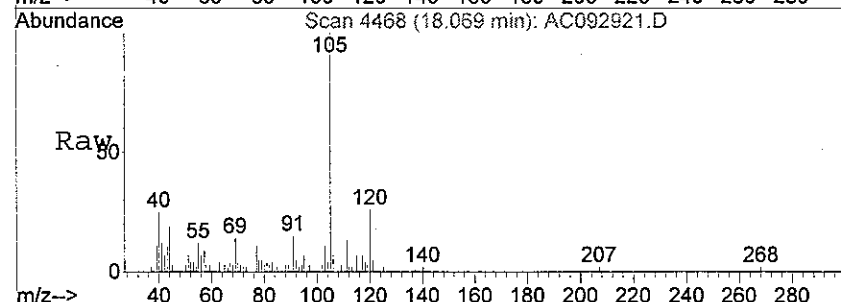
#57
o-xylene
Concen: 0.26 ppb
RT: 16.92 min Scan# 4110
Delta R.T. -0.01 min
Lab File: AC092921.D
Acq: 30 Sep 2005 2:36 am

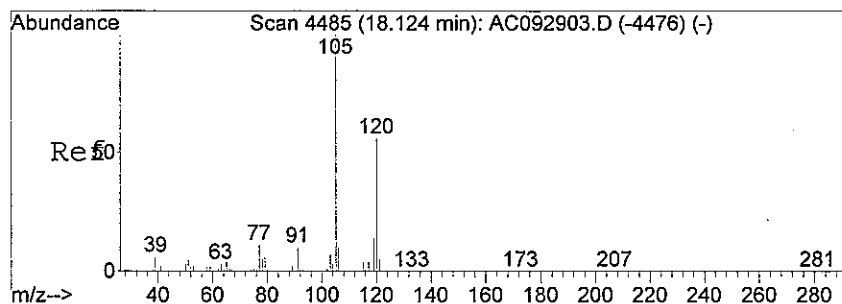
Tgt Ion: 91 Resp: 23740
Ion Ratio Lower Upper
91 100
106 50.6 23.8 63.8



#60
4-ethyltoluene
Concen: 0.13 ppb
RT: 18.07 min Scan# 4468
Delta R.T. -0.00 min
Lab File: AC092921.D
Acq: 30 Sep 2005 2:36 am

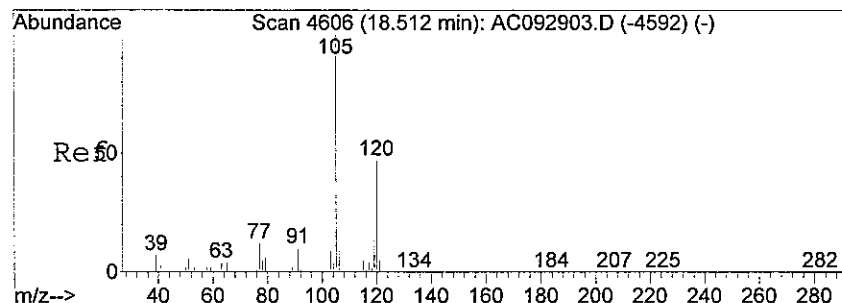
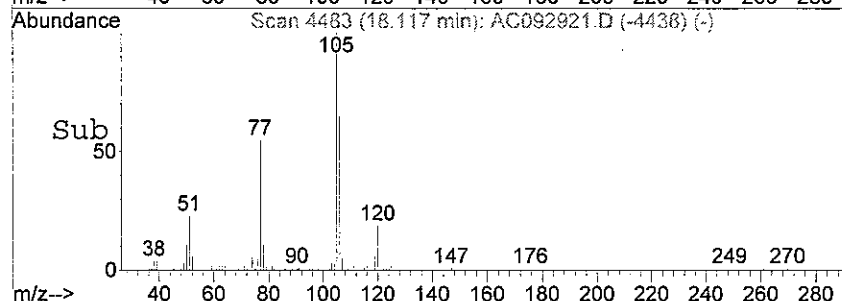
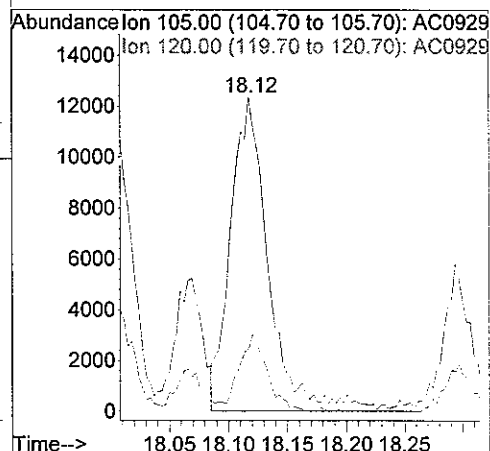
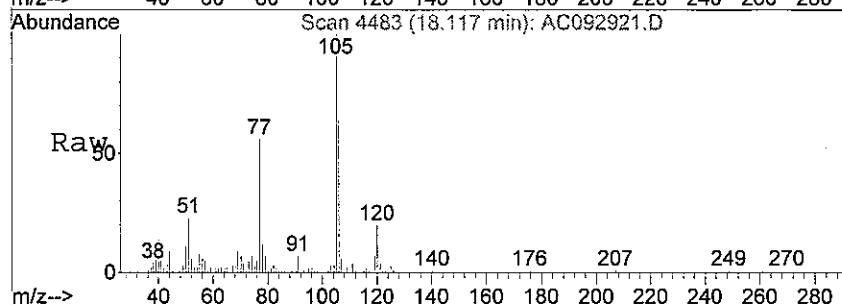
Tgt Ion: 105 Resp: 8014
Ion Ratio Lower Upper
105 100
120 33.1 8.6 48.6





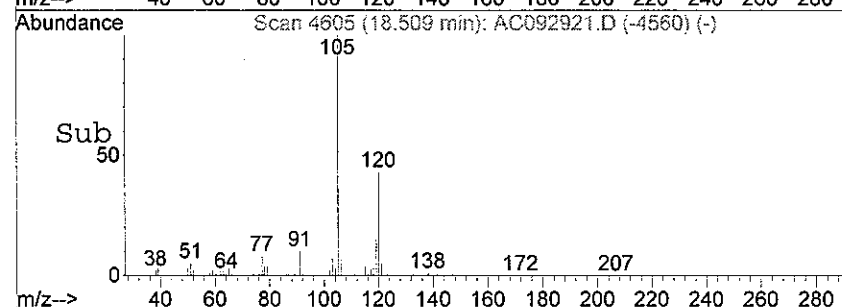
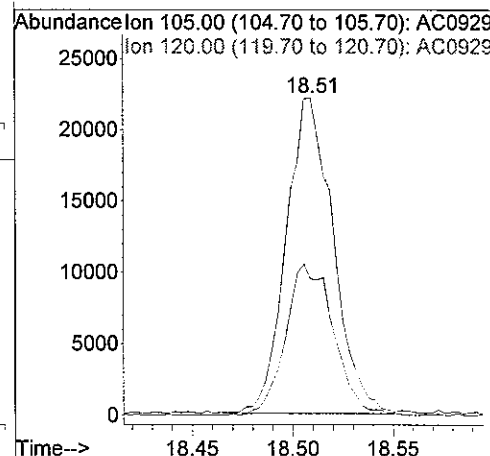
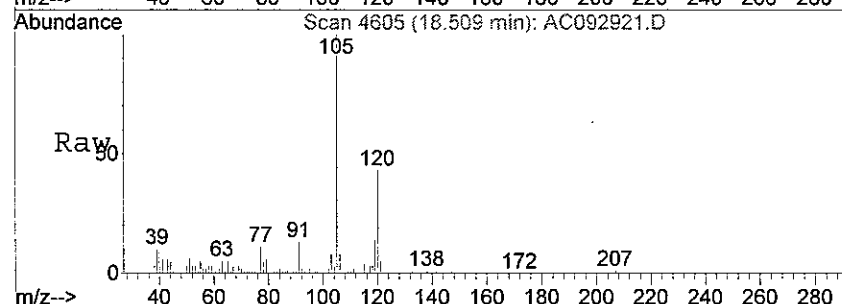
#61
 1,3,5-trimethylbenzene
 Concen: 0.32 ppb m
 RT: 18.12 min Scan# 4483
 Delta R.T. -0.01 min
 Lab File: AC092921.D
 Acq: 30 Sep 2005 2:36 am

Tgt Ion:105 Resp: 27729
 Ion Ratio Lower Upper
 105 100
 120 9.6 21.5 61.5#



#62
 1,2,4-trimethylbenzene
 Concen: 0.49 ppb
 RT: 18.51 min Scan# 4605
 Delta R.T. -0.01 min
 Lab File: AC092921.D
 Acq: 30 Sep 2005 2:36 am

Tgt Ion:105 Resp: 35925
 Ion Ratio Lower Upper
 105 100
 120 48.8 20.9 60.9



Data File : C:\MSDCHEM\1\DATA\AC092928.D

Vial: 16

Acq On : 30 Sep 2005 8:31 am

Operator: RJP

Sample : C0509018-006A 10x

Inst : MSD #1

Misc : C0509018-006A

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Sep 30 08:54:48 2005

Quant Results File: A905_1UT.RES

Quant Method : C:\MSDCHEM\1\METHODS\A905_1UT.M (RTE Integrator)

Title : TO-15 VOA Standards for 5 point calibration

Last Update : Tue Sep 06 13:55:05 2005

Response via : Initial Calibration

DataAcq Meth : A905_1UT

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	9.27	128	21552	1.00	ppb	0.00
30) 1,4-difluorobenzene	11.57	114	46566	1.00	ppb	-0.02
44) Chlorobenzene-d5	16.03	117	52914	1.00	ppb	0.00

System Monitoring Compounds

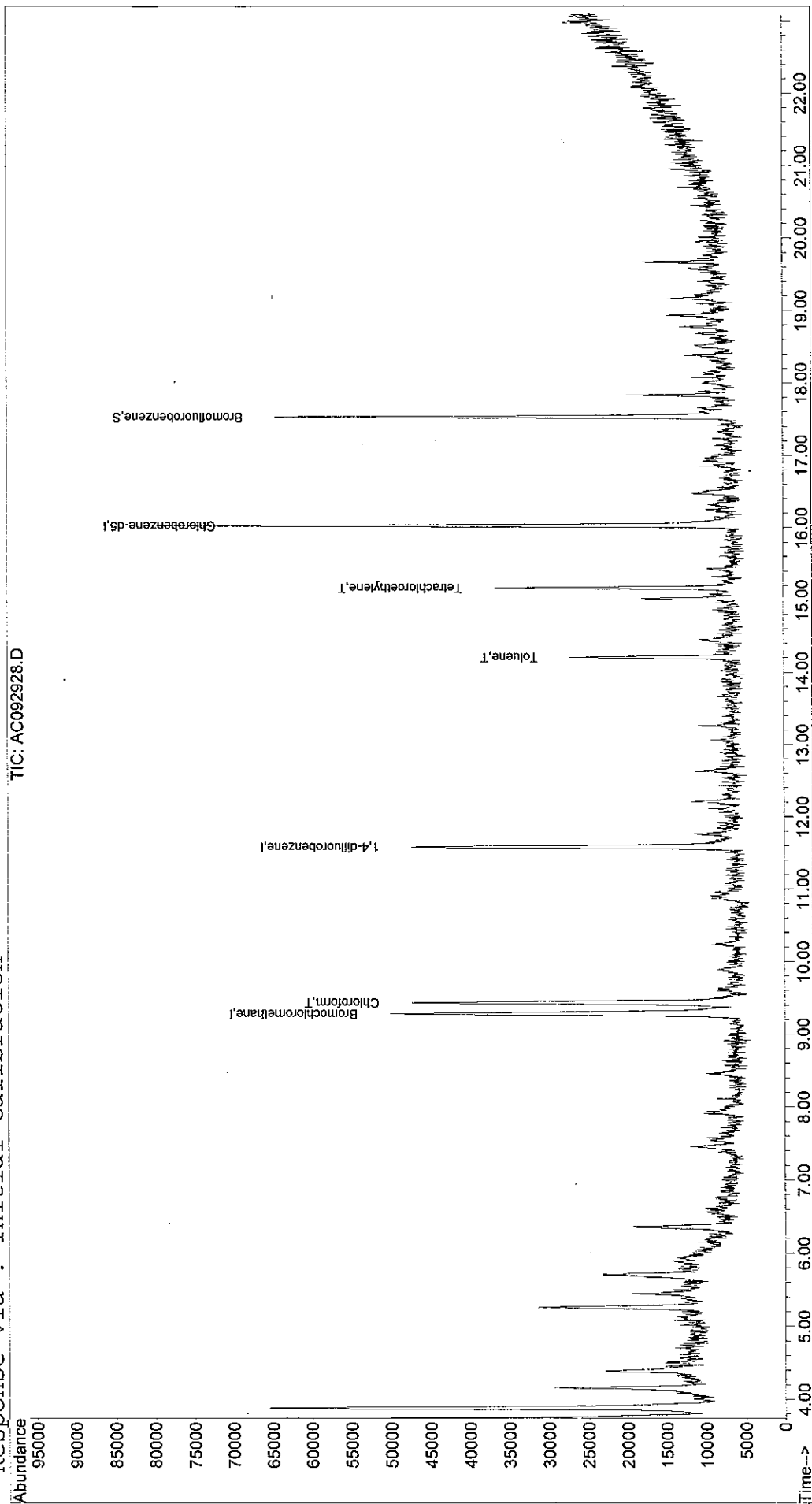
58) Bromofluorobenzene	17.53	95	21975m ^p	0.81	ppb	0.00
Spiked Amount	1.000	Range	70 - 130	Recovery	=	81.00%

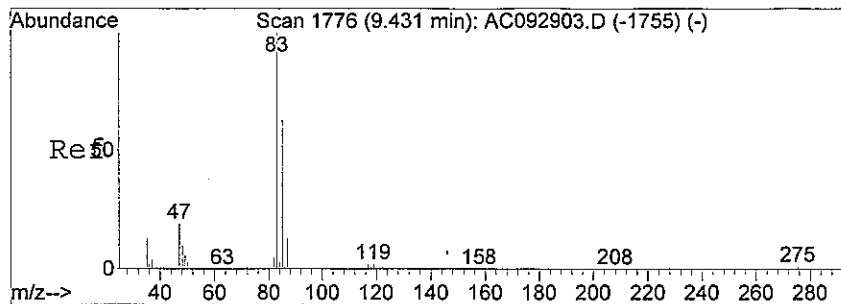
Target Compounds

						Qvalue
27) Chloroform	9.43	83	43331	0.78	ppb	100
45) Toluene	14.20	92	9615	0.27	ppb	94
50) Tetrachloroethylene	15.16	164	7008	0.24	ppb	98

Data File : C:\MSDCHEM\1\DATA\AC092928.D
Acq On : 30 Sep 2005 8:31 am Vial: 16
Sample : C0509018-006A 10x Operator: RJP
Misc : C0509018-006A Inst : MSD #1
MS Integration Params: RTEINT.P Multiplr: 1.00
Quant Time: Sep 30 10:04 2005 Quant Results File: A905_1UT.RES

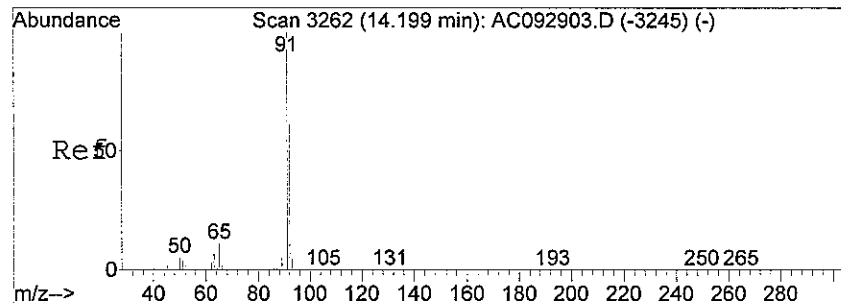
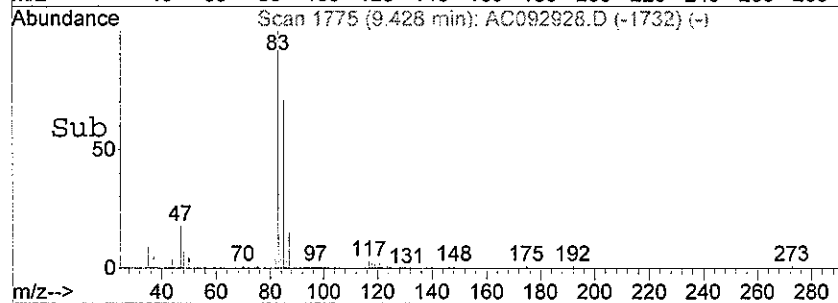
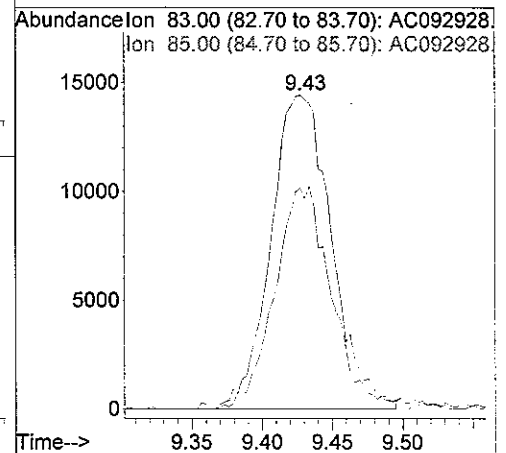
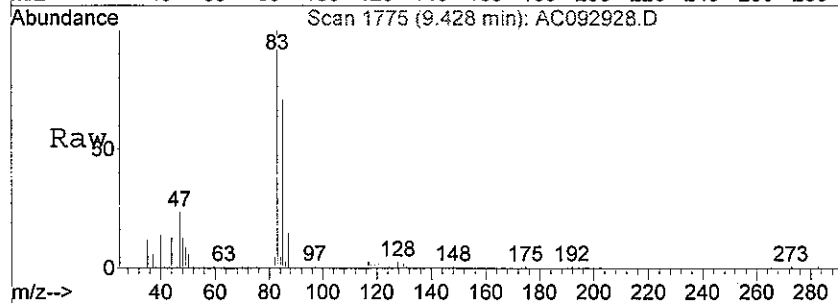
Method : C:\MSDCHEM\1\METHODS\A905_1UT.M (RTE Integrator)
Title : TO-15 VOA Standards for 5 point calibration
Last Update : Sun Oct 09 14:17:27 2005
Response via : Initial Calibration





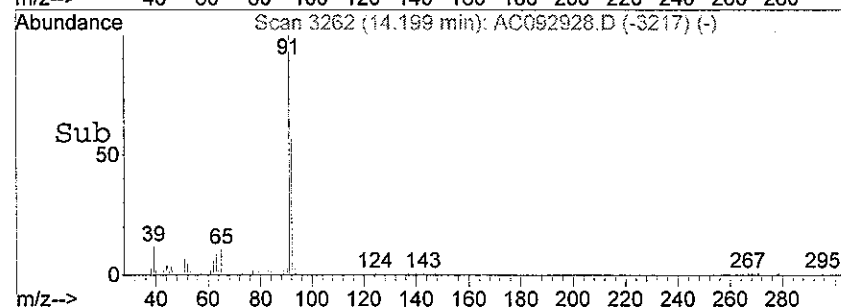
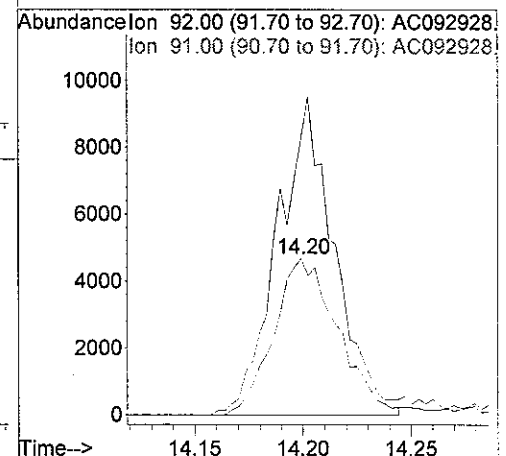
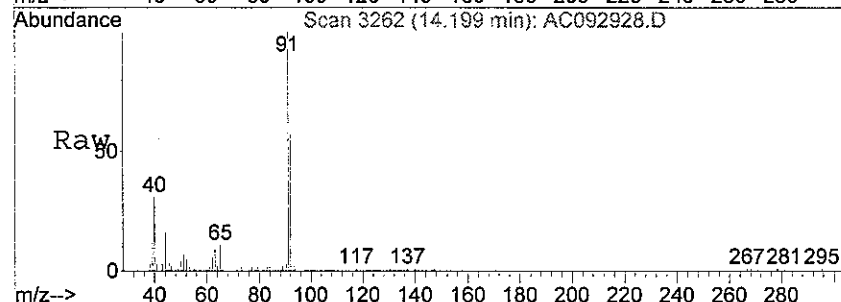
#27
Chloroform
Concen: 0.78 ppb
RT: 9.43 min Scan# 1775
Delta R.T. -0.01 min
Lab File: AC092928.D
Acq: 30 Sep 2005 8:31 am

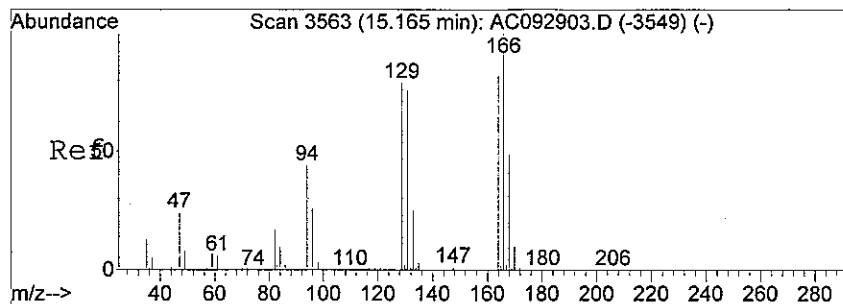
Tgt Ion: 83 Resp: 43331
Ion Ratio Lower Upper
83 100
85 66.3 46.2 86.2



#45
Toluene
Concen: 0.27 ppb
RT: 14.20 min Scan# 3262
Delta R.T. -0.01 min
Lab File: AC092928.D
Acq: 30 Sep 2005 8:31 am

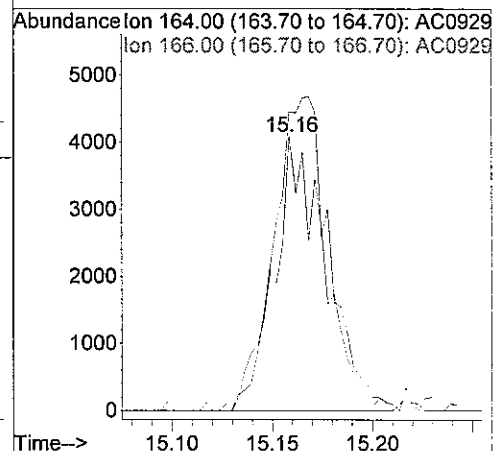
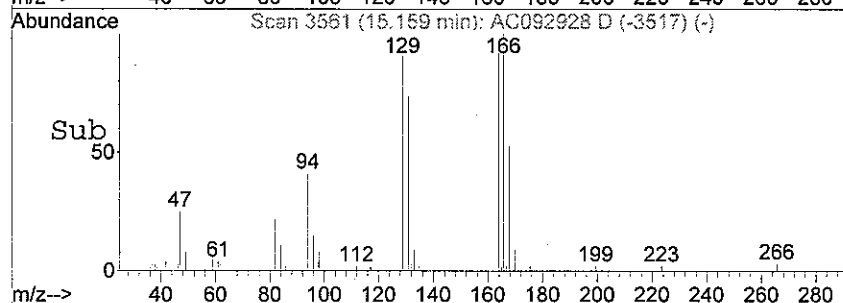
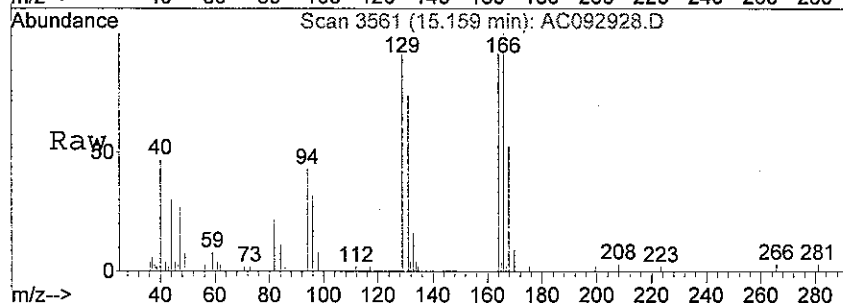
Tgt Ion: 92 Resp: 9615
Ion Ratio Lower Upper
92 100
91 179.8 151.0 191.0





#50
Tetrachloroethylene
Concen: 0.24 ppb
RT: 15.16 min Scan# 3561
Delta R.T. -0.01 min
Lab File: AC092928.D
Acq: 30 Sep 2005 8:31 am

Tgt Ion: 164 Resp: 7008
Ion Ratio Lower Upper
164 100
166 128.8 106.8 146.8



Centek Laboratories, LLC

Date: 09-Oct-05

CLIENT: ESC Environmental
Lab Order: C0509018
Project: 127491.05
Lab ID: C0509018-007A

Client Sample ID: RD11AB092205
Tag Number: 163, 55
Collection Date: 9/22/2005
Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15 1UG/M3 W/ 0.25UG/M3 TCE						Analyst: RJP
1,1,1-Trichloroethane	0.180	0.150		ppbV	1	9/29/2005
1,1,2,2-Tetrachloroethane	ND	0.150		ppbV	1	9/29/2005
1,1,2-Trichloroethane	ND	0.150		ppbV	1	9/29/2005
1,1-Dichloroethane	ND	0.150		ppbV	1	9/29/2005
1,1-Dichloroethene	ND	0.150		ppbV	1	9/29/2005
1,2,4-Trichlorobenzene	ND	0.150		ppbV	1	9/29/2005
1,2,4-Trimethylbenzene	0.860	0.150		ppbV	1	9/29/2005
1,2-Dibromoethane	ND	0.150		ppbV	1	9/29/2005
1,2-Dichlorobenzene	ND	0.150		ppbV	1	9/29/2005
1,2-Dichloroethane	ND	0.150		ppbV	1	9/29/2005
1,2-Dichloropropane	ND	0.150		ppbV	1	9/29/2005
1,3,5-Trimethylbenzene	0.750	0.150		ppbV	1	9/29/2005
1,3-butadiene	ND	0.150		ppbV	1	9/29/2005
1,3-Dichlorobenzene	ND	0.150		ppbV	1	9/29/2005
1,4-Dichlorobenzene	ND	0.150		ppbV	1	9/29/2005
1,4-Dioxane	ND	0.300		ppbV	1	9/29/2005
2,2,4-trimethylpentane	0.10	0.150	J	ppbV	1	9/29/2005
4-ethyltoluene	0.240	0.150		ppbV	1	9/29/2005
Acetone	11.0	1.50		ppbV	5	9/29/2005
Allyl chloride	ND	0.150		ppbV	1	9/29/2005
Benzene	0.370	0.150		ppbV	1	9/29/2005
Benzyl chloride	ND	0.150		ppbV	1	9/29/2005
Bromodichloromethane	0.11	0.150	J	ppbV	1	9/29/2005
Bromoform	ND	0.150		ppbV	1	9/29/2005
Bromomethane	ND	0.150		ppbV	1	9/29/2005
Carbon disulfide	ND	0.150		ppbV	1	9/29/2005
Carbon tetrachloride	0.12	0.150	J	ppbV	1	9/29/2005
Chlorobenzene	ND	0.150		ppbV	1	9/29/2005
Chloroethane	ND	0.150		ppbV	1	9/29/2005
Chloroform	1.06	0.150		ppbV	1	9/29/2005
Chloromethane	0.620	0.150		ppbV	1	9/29/2005
cis-1,2-Dichloroethene	ND	0.150		ppbV	1	9/29/2005
cis-1,3-Dichloropropene	ND	0.150		ppbV	1	9/29/2005
Cyclohexane	1.84	0.150		ppbV	1	9/29/2005
Dibromochloromethane	ND	0.150		ppbV	1	9/29/2005
Ethyl acetate	ND	0.250		ppbV	1	9/29/2005
Ethylbenzene	0.260	0.150		ppbV	1	9/29/2005
Freon 11	0.680	0.150		ppbV	1	9/29/2005
Freon 113	6.35	0.750		ppbV	5	9/29/2005
Freon 114	ND	0.150		ppbV	1	9/29/2005

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 at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 09-Oct-05

CLIENT: ESC Environmental
Lab Order: C0509018
Project: 127491.05
Lab ID: C0509018-007A

Client Sample ID: RD11AB092205
Tag Number: 163, 55
Collection Date: 9/22/2005
Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15 1UG/M3 W/ 0.25UG/M3 TCE						Analyst: RJP
Freon 12	0.830	0.150		ppbV	1	9/29/2005
Heptane	ND	0.150		ppbV	1	9/29/2005
Hexachloro-1,3-butadiene	ND	0.150		ppbV	1	9/29/2005
Hexane	0.600	0.150		ppbV	1	9/29/2005
Isopropyl alcohol	ND	0.150		ppbV	1	9/29/2005
m-Xylene	0.540	0.150		ppbV	1	9/29/2005
Methyl Butyl Ketone	ND	0.300		ppbV	1	9/29/2005
Methyl Ethyl Ketone	ND	0.300		ppbV	1	9/29/2005
Methyl Isobutyl Ketone	ND	0.300		ppbV	1	9/29/2005
Methyl tert-butyl ether	ND	0.150		ppbV	1	9/29/2005
Methylene chloride	6.85	0.750		ppbV	5	9/29/2005
o-Xylene	0.350	0.150		ppbV	1	9/29/2005
p-Xylene	0.270	0.150		ppbV	1	9/29/2005
Propylene	ND	0.150		ppbV	1	9/29/2005
Styrene	ND	0.150		ppbV	1	9/29/2005
Tetrachloroethylene	0.210	0.150		ppbV	1	9/29/2005
Tetrahydrofuran	ND	0.150		ppbV	1	9/29/2005
Toluene	2.30	0.750		ppbV	5	9/29/2005
trans-1,2-Dichloroethene	ND	0.150		ppbV	1	9/29/2005
trans-1,3-Dichloropropene	ND	0.150		ppbV	1	9/29/2005
Trichloroethene	0.260	0.0400		ppbV	1	9/29/2005
Vinyl acetate	ND	0.150		ppbV	1	9/29/2005
Vinyl Bromide	ND	0.150		ppbV	1	9/29/2005
Vinyl chloride	ND	0.150		ppbV	1	9/29/2005
Surr: Bromofluorobenzene	112	70-130		%REC	1	9/29/2005

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 at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 09-Oct-05

CLIENT: ESC Environmental
Lab Order: C0509018
Project: 127491.05
Lab ID: C0509018-007A

Client Sample ID: RD11AB092205
Tag Number: 163, 55
Collection Date: 9/22/2005
Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15 1UG/M3 W/ 0.25UG/M3 TCE				TO-15		Analyst: RJP
1,1,1-Trichloroethane	0.998	0.832		ug/m3	1	9/29/2005
1,1,2,2-Tetrachloroethane	ND	1.05		ug/m3	1	9/29/2005
1,1,2-Trichloroethane	ND	0.832		ug/m3	1	9/29/2005
1,1-Dichloroethane	ND	0.617		ug/m3	1	9/29/2005
1,1-Dichloroethene	ND	0.605		ug/m3	1	9/29/2005
1,2,4-Trichlorobenzene	ND	1.13		ug/m3	1	9/29/2005
1,2,4-Trimethylbenzene	4.30	0.749		ug/m3	1	9/29/2005
1,2-Dibromoethane	ND	1.17		ug/m3	1	9/29/2005
1,2-Dichlorobenzene	ND	0.917		ug/m3	1	9/29/2005
1,2-Dichloroethane	ND	0.617		ug/m3	1	9/29/2005
1,2-Dichloropropane	ND	0.705		ug/m3	1	9/29/2005
1,3,5-Trimethylbenzene	3.75	0.750		ug/m3	1	9/29/2005
1,3-butadiene	ND	0.337		ug/m3	1	9/29/2005
1,3-Dichlorobenzene	ND	0.917		ug/m3	1	9/29/2005
1,4-Dichlorobenzene	ND	0.917		ug/m3	1	9/29/2005
1,4-Dioxane	ND	1.10		ug/m3	1	9/29/2005
2,2,4-trimethylpentane	0.475	0.712	J	ug/m3	1	9/29/2005
4-ethyltoluene	1.20	0.750		ug/m3	1	9/29/2005
Acetone	26.6	3.62		ug/m3	5	9/29/2005
Allyl chloride	ND	0.477		ug/m3	1	9/29/2005
Benzene	1.20	0.487		ug/m3	1	9/29/2005
Benzyl chloride	ND	0.877		ug/m3	1	9/29/2005
Bromodichloromethane	0.749	1.02	J	ug/m3	1	9/29/2005
Bromoform	ND	1.58		ug/m3	1	9/29/2005
Bromomethane	ND	0.592		ug/m3	1	9/29/2005
Carbon disulfide	ND	0.475		ug/m3	1	9/29/2005
Carbon tetrachloride	0.767	0.959	J	ug/m3	1	9/29/2005
Chlorobenzene	ND	0.702		ug/m3	1	9/29/2005
Chloroethane	ND	0.402		ug/m3	1	9/29/2005
Chloroform	5.26	0.744		ug/m3	1	9/29/2005
Chloromethane	1.30	0.315		ug/m3	1	9/29/2005
cis-1,2-Dichloroethene	ND	0.604		ug/m3	1	9/29/2005
cis-1,3-Dichloropropene	ND	0.692		ug/m3	1	9/29/2005
Cyclohexane	6.44	0.525		ug/m3	1	9/29/2005
Dibromochloromethane	ND	1.30		ug/m3	1	9/29/2005
Ethyl acetate	ND	0.916		ug/m3	1	9/29/2005
Ethylbenzene	1.15	0.662		ug/m3	1	9/29/2005
Freon 11	3.88	0.857		ug/m3	1	9/29/2005
Freon 113	49.5	5.84		ug/m3	5	9/29/2005
Freon 114	ND	1.07		ug/m3	1	9/29/2005

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 at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 09-Oct-05

CLIENT: ESC Environmental
Lab Order: C0509018
Project: 127491.05
Lab ID: C0509018-007A

Client Sample ID: RD11AB092205
Tag Number: 163, 55
Collection Date: 9/22/2005
Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15 1UG/M3 W/ 0.25UG/M3 TCE		TO-15		Analyst: RJP		
Freon 12	4.17	0.754		ug/m3	1	9/29/2005
Heptane	ND	0.625		ug/m3	1	9/29/2005
Hexachloro-1,3-butadiene	ND	1.63		ug/m3	1	9/29/2005
Hexane	2.15	0.537		ug/m3	1	9/29/2005
Isopropyl alcohol	ND	0.375		ug/m3	1	9/29/2005
m-Xylene	2.38	0.662		ug/m3	1	9/29/2005
Methyl Butyl Ketone	ND	1.25		ug/m3	1	9/29/2005
Methyl Ethyl Ketone	ND	0.899		ug/m3	1	9/29/2005
Methyl Isobutyl Ketone	ND	1.25		ug/m3	1	9/29/2005
Methyl tert-butyl ether	ND	0.550		ug/m3	1	9/29/2005
Methylene chloride	24.2	2.65		ug/m3	5	9/29/2005
o-Xylene	1.54	0.662		ug/m3	1	9/29/2005
p-Xylene	1.19	0.662		ug/m3	1	9/29/2005
Propylene	ND	0.262		ug/m3	1	9/29/2005
Styrene	ND	0.649		ug/m3	1	9/29/2005
Tetrachloroethylene	1.45	1.03		ug/m3	1	9/29/2005
Tetrahydrofuran	ND	0.450		ug/m3	1	9/29/2005
Toluene	8.81	2.87		ug/m3	5	9/29/2005
trans-1,2-Dichloroethene	ND	0.604		ug/m3	1	9/29/2005
trans-1,3-Dichloropropene	ND	0.692		ug/m3	1	9/29/2005
Trichloroethene	1.42	0.218		ug/m3	1	9/29/2005
Vinyl acetate	ND	0.537		ug/m3	1	9/29/2005
Vinyl Bromide	ND	0.667		ug/m3	1	9/29/2005
Vinyl chloride	ND	0.390		ug/m3	1	9/29/2005

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 at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Data File : C:\MSDCHEM\1\DATA\AC092915.D

Vial: 3

Acq On : 29 Sep 2005 10:53 pm

Operator: RJP

Sample : C0509018-007A

Inst : MSD #1

Misc : C0509018-007A

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Sep 29 23:16:27 2005

Quant Results File: A905_1UT.RES

Quant Method : C:\MSDCHEM\1\METHODS\A905_1UT.M (RTE Integrator)

Title : TO-15 VOA Standards for 5 point calibration

Last Update : Tue Sep 06 13:55:05 2005

Response via : Initial Calibration

DataAcq Meth : A905_1UT

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	9.28	128	25949	1.00	ppb	0.00
30) 1,4-difluorobenzene	11.58	114	89540	1.00	ppb	0.00
44) Chlorobenzene-d5	16.03	117	102502	1.00	ppb	0.00

System Monitoring Compounds

58) Bromofluorobenzene	17.53	95	58554	1.12	ppb	0.00
Spiked Amount	1.000	Range	70 - 130	Recovery	=	112.00%

Target Compounds

Qvalue

3) Freon 12	3.93	85	69792	0.83	ppb	98
4) Chloromethane	4.11	50	18124	0.62	ppb	77
11) Freon 11	5.44	101	76326	0.68	ppb	97
12) Acetone	5.72	58	180986m	14.01	ppb	
15) Freon 113	6.36	101	499048	6.45	ppb	# 83
16) Methylene chloride	6.60	84	195767	6.76	ppb	# 63
25) Hexane	8.46	41	15736	0.60	ppb	# 81
27) Chloroform	9.43	83	71091	1.06	ppb	98
31) 1,1,1-trichloroethane	10.24	97	11269	0.18	ppb	99
32) Cyclohexane	10.96	56	56618	1.84	ppb	# 75
33) Carbon tetrachloride	10.90	117	9418	0.12	ppb	98
34) Benzene	10.87	78	30006	0.37	ppb	76
36) 2,2,4-trimethylpentane	11.75	57	10250	0.10	ppb	# 57
38) Trichloroethene	12.21	130	12577	0.26	ppb	89
40) Bromodichloromethane	12.63	83	6885	0.11	ppb	96
45) Toluene	14.20	92	176768	2.52	ppb	99
50) Tetrachloroethylene	15.17	164	11788	0.21	ppb	98
52) Ethylbenzene	16.32	91	33376	0.26	ppb	96
53) m-xylene	16.47	91	55540m	0.54	ppb	
54) p-xylene	16.49	91	31805m	0.27	ppb	
57) o-xylene	16.92	91	43958	0.35	ppb	90
60) 4-ethyltoluene	18.07	105	20689	0.24	ppb	95
61) 1,3,5-trimethylbenzene	18.11	105	88929m	0.75	ppb	
62) 1,2,4-trimethylbenzene	18.51	105	86777	0.86	ppb	87

(#) = qualifier out of range (m) = manual integration (+) = signals summed
 AC092915.D A905_1UT.M Sun Oct 09 14:18:22 2005 MSA Page 1

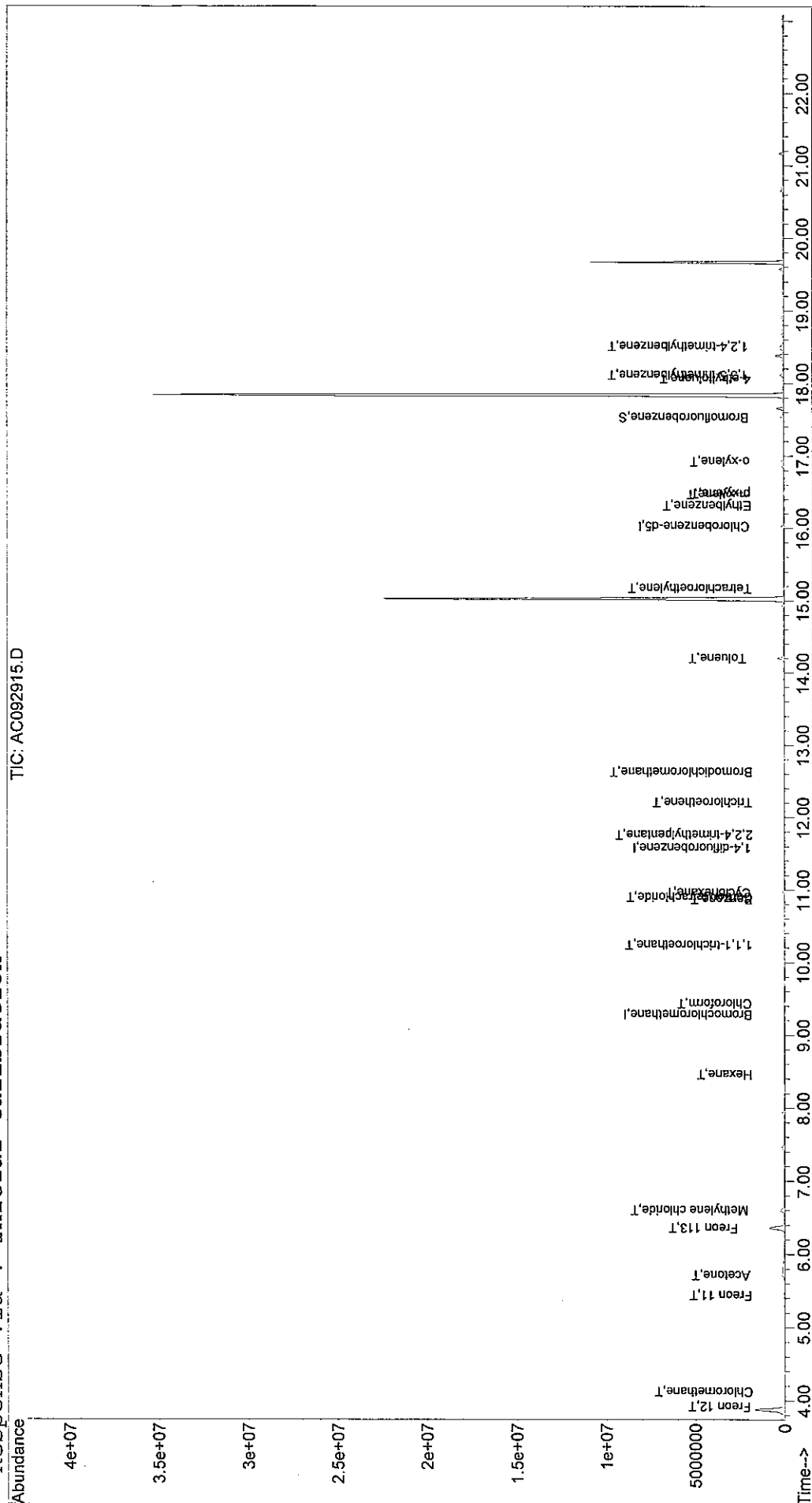
Quantitation Report (QT Reviewed)

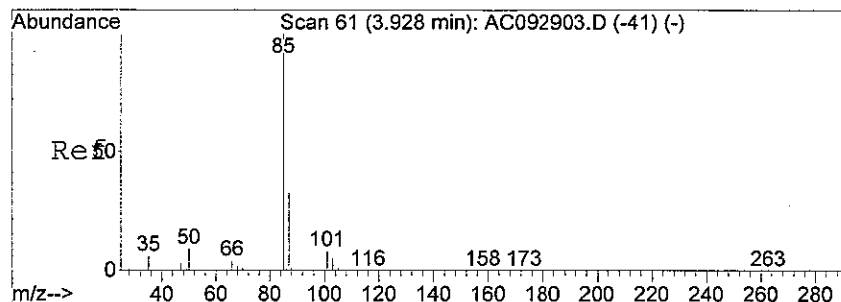
Data File : C:\MSDCHEM\1\DATA\AC092915.D
 Acq On : 29 Sep 2005 10:53 pm
 Sample : C0509018-007A
 Misc : C0509018-007A
 MS Integration Params: RTEINT.P
 Quant Time: Sep 30 7:55 2005
 Quant Results File: A905_1UT.RES

Vial: 3
 Operator: RJP
 Inst : MSD #1
 Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\A905_1UT.M (RTE Integrator)
 Title : TO-15 VOA Standards for 5 point calibration
 Last Update : Sun Oct 09 14:17:27 2005
 Response via : Initial Calibration

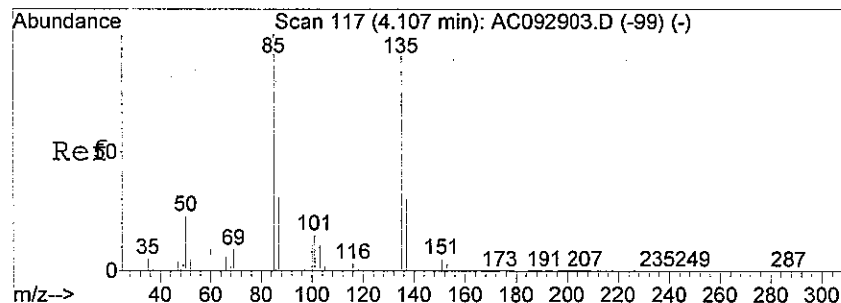
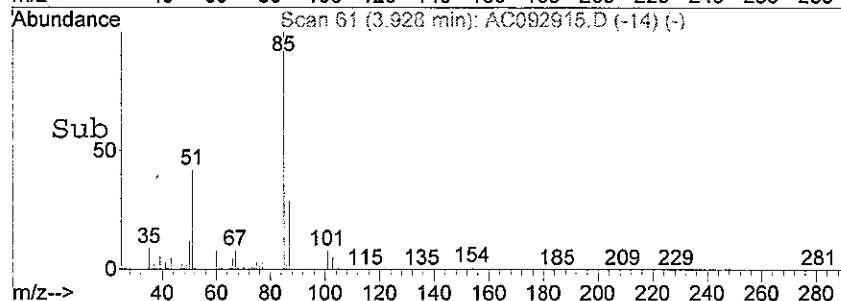
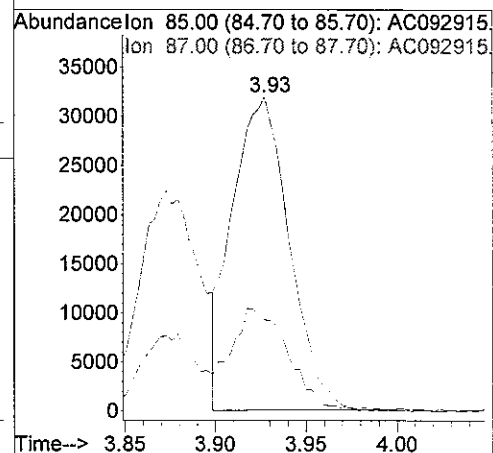
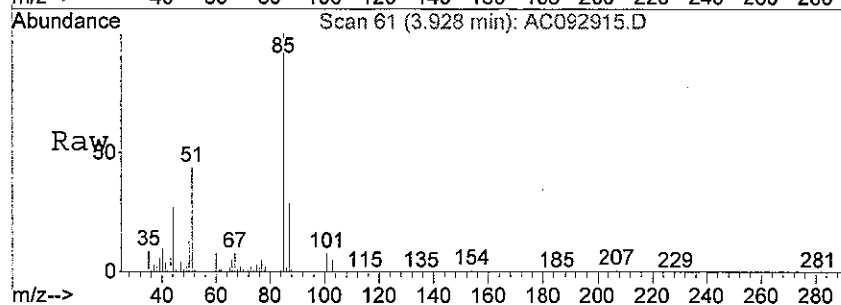
TIC: AC092915.D





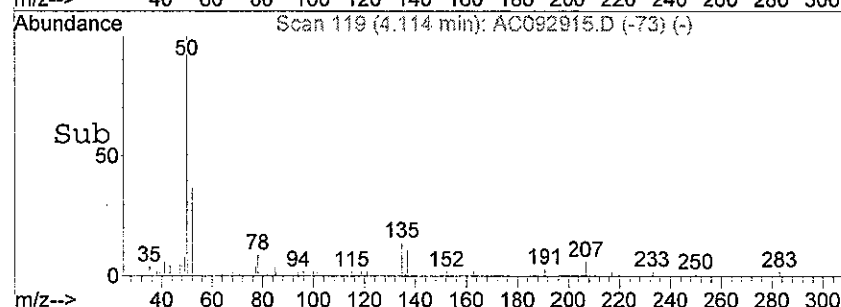
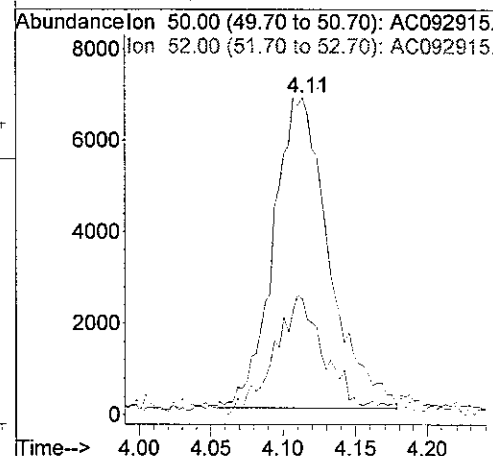
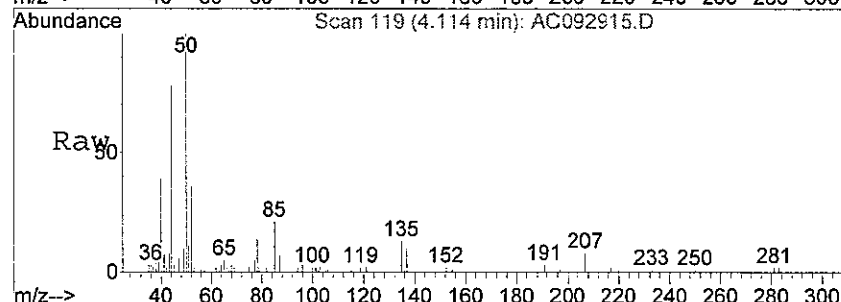
#3
Freon 12
Concen: 0.83 ppb
RT: 3.93 min Scan# 61
Delta R.T. -0.00 min
Lab File: AC092915.D
Acq: 29 Sep 2005 10:53 pm

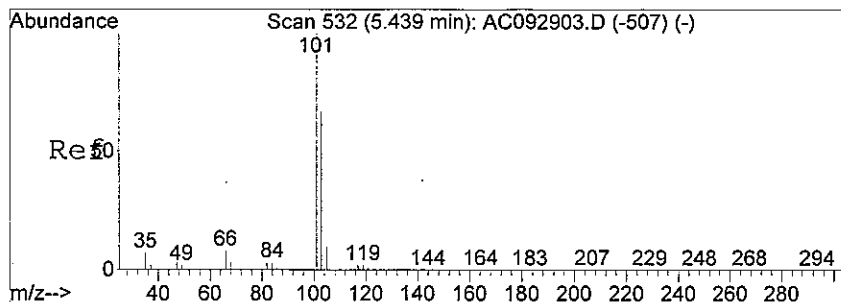
Tgt Ion: 85 Resp: 69792
Ion Ratio Lower Upper
85 100
87 33.1 12.1 52.1



#4
Chloromethane
Concen: 0.62 ppb
RT: 4.11 min Scan# 119
Delta R.T. -0.00 min
Lab File: AC092915.D
Acq: 29 Sep 2005 10:53 pm

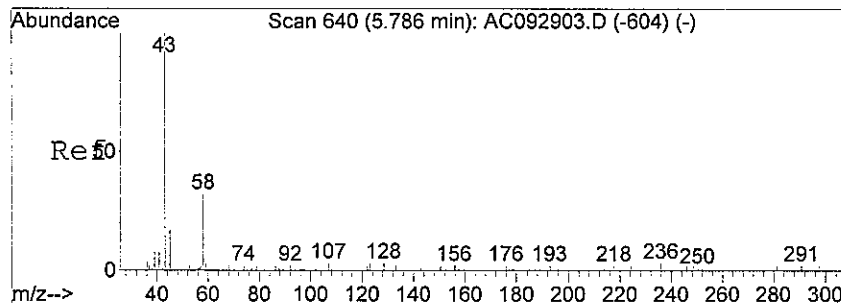
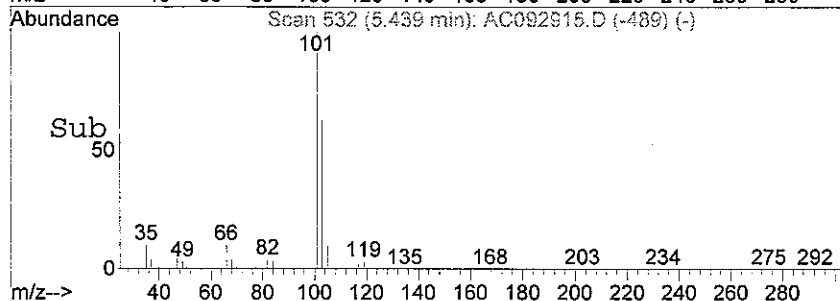
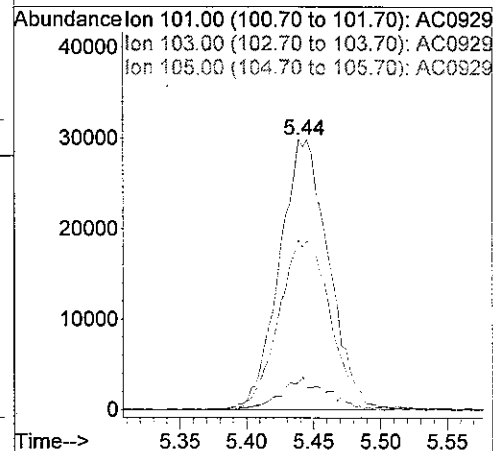
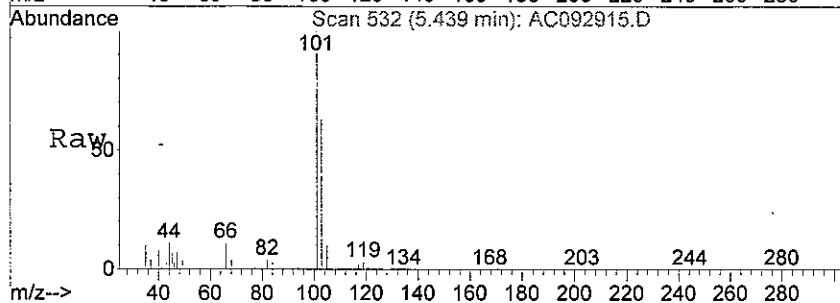
Tgt Ion: 50 Resp: 18124
Ion Ratio Lower Upper
50 100
52 34.7 3.3 43.3





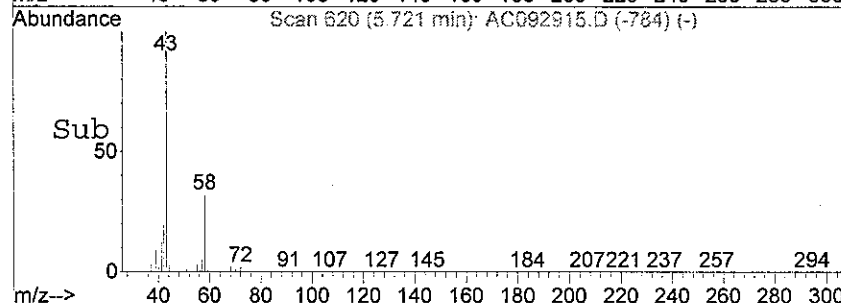
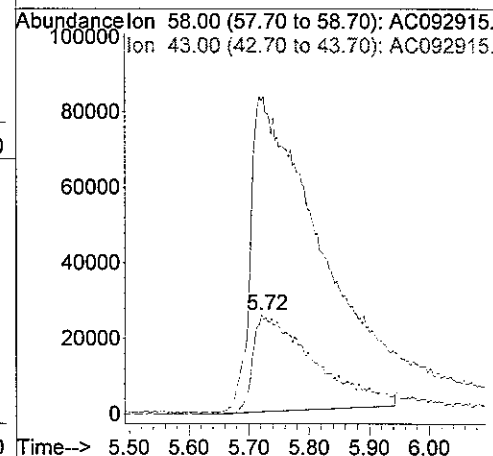
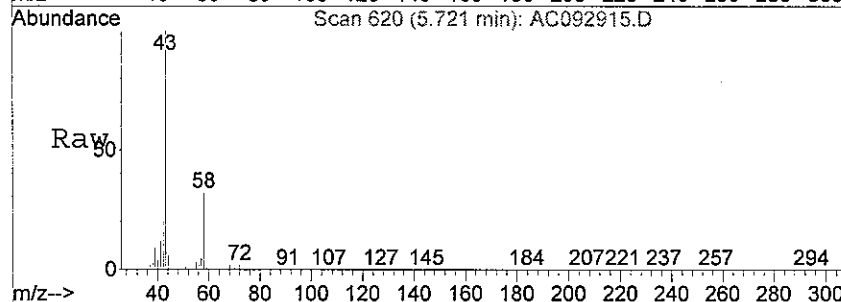
#11
Freon 11
Concen: 0.68 ppb
RT: 5.44 min Scan# 532
Delta R.T. -0.01 min
Lab File: AC092915.D
Acq: 29 Sep 2005 10:53 pm

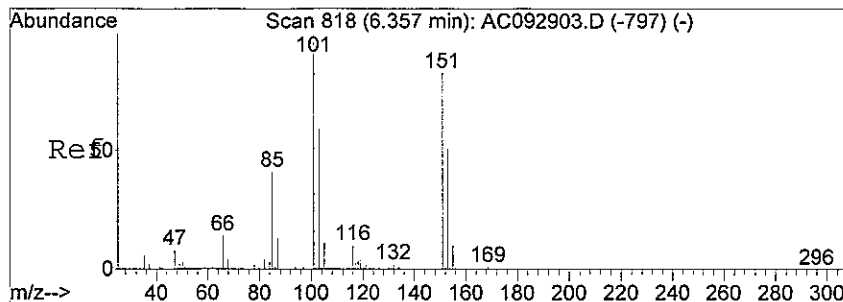
Tgt Ion	Ratio	Lower	Upper
101	100		
103	66.1	43.4	83.4
105	11.2	0.0	30.9



#12
Acetone
Concen: 14.01 ppb m
RT: 5.72 min Scan# 620
Delta R.T. -0.68 min
Lab File: AC092915.D
Acq: 29 Sep 2005 10:53 pm

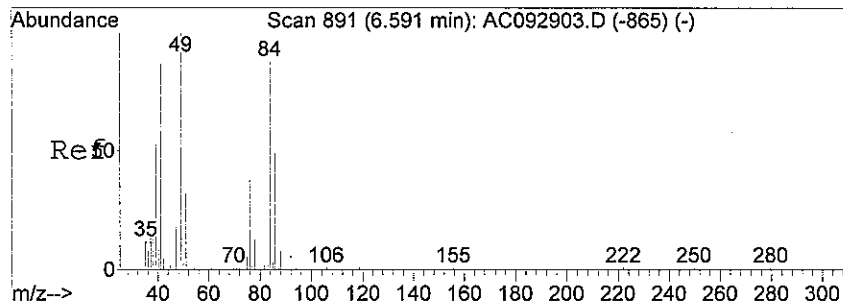
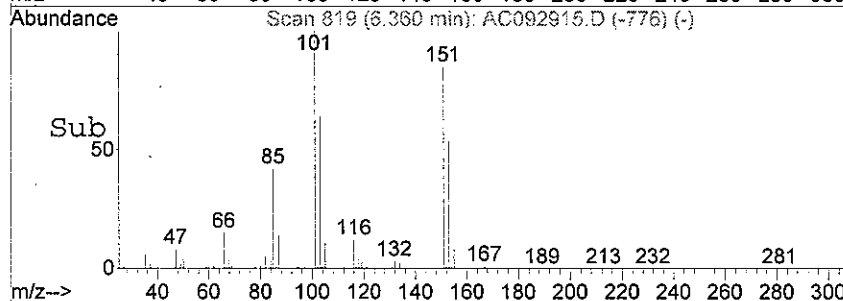
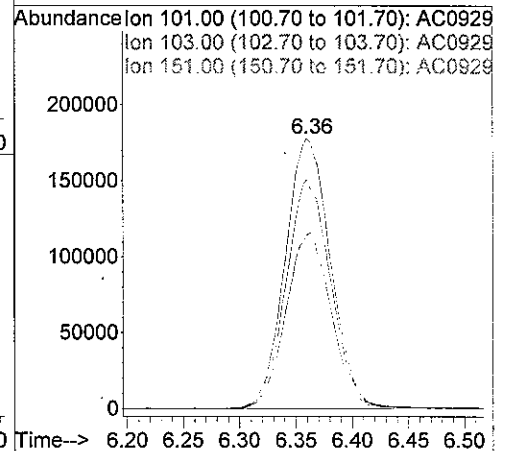
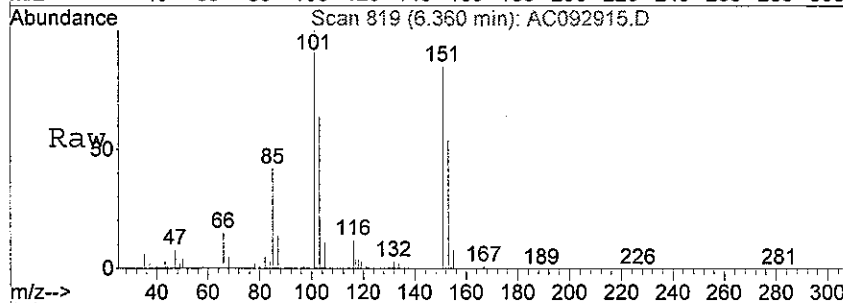
Tgt Ion	Ratio	Lower	Upper
58	100		
43	0.0	0.0	30.0





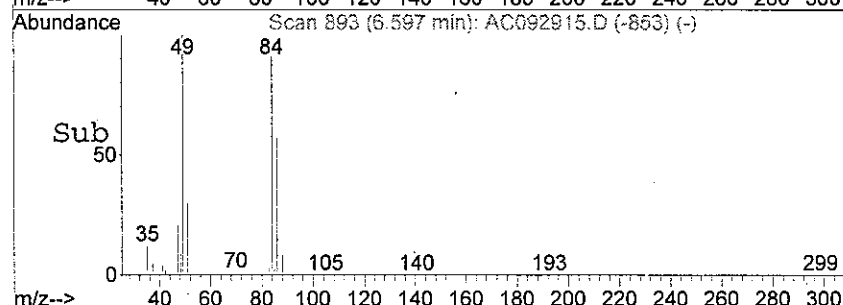
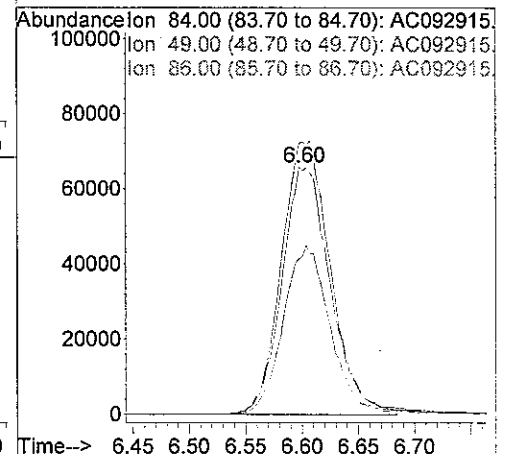
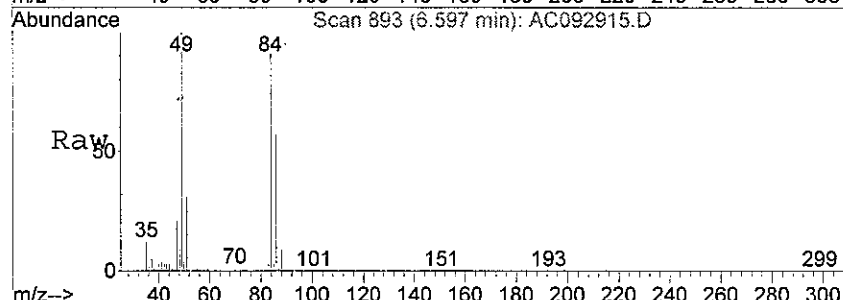
#15
 Freon 113
 Concen: 6.45 ppb
 RT: 6.36 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: AC092915.D
 Acq: 29 Sep 2005 10:53 pm

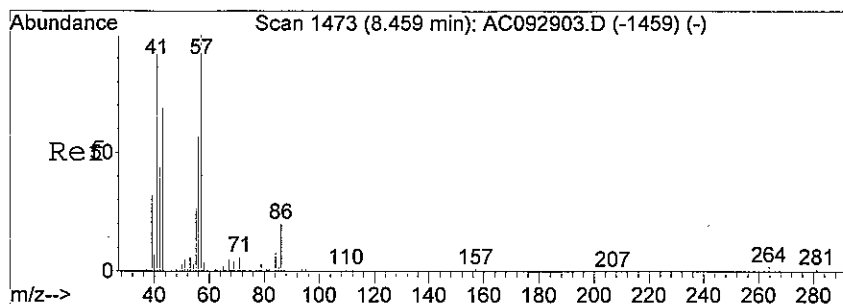
Tgt Ion	Ratio	Lower	Upper
101	100		
103	64.7	13.9	53.9#
151	83.8	66.6	106.6



#16
 Methylene chloride
 Concen: 6.76 ppb
 RT: 6.60 min Scan# 893
 Delta R.T. -0.02 min
 Lab File: AC092915.D
 Acq: 29 Sep 2005 10:53 pm

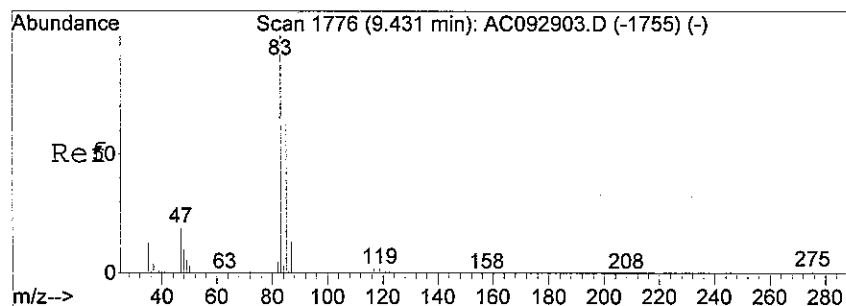
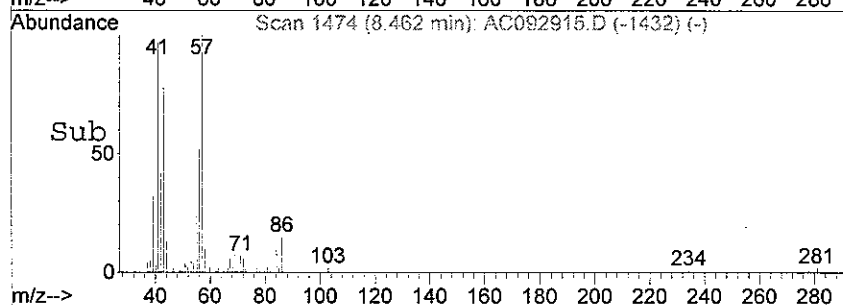
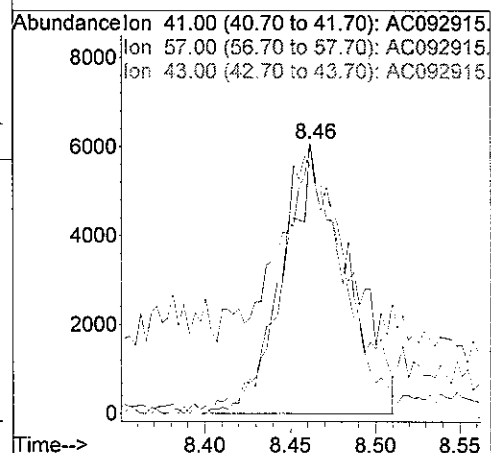
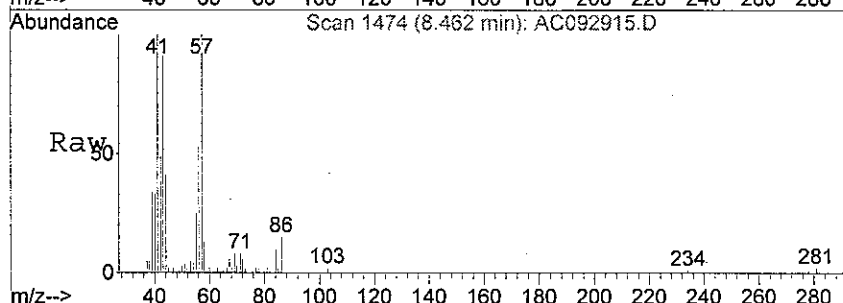
Tgt Ion	Ratio	Lower	Upper
84	100		
49	112.4	163.1	203.1#
86	65.8	48.2	88.2





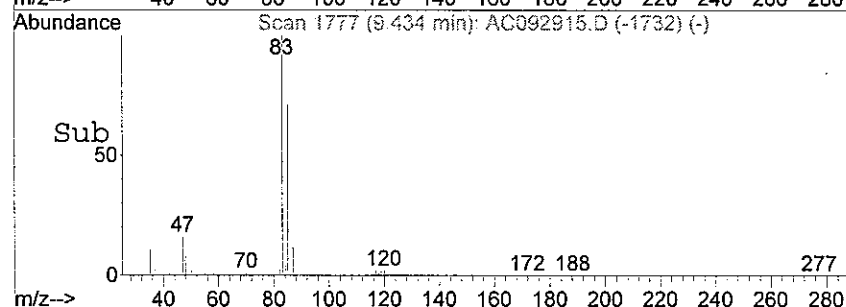
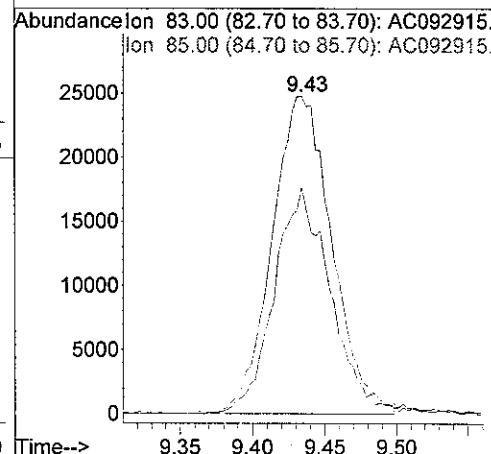
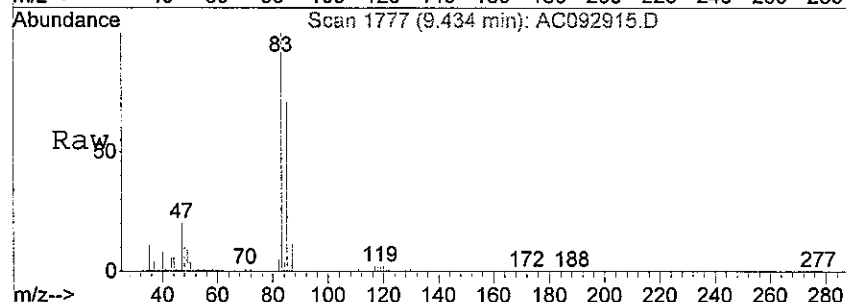
#25
Hexane
Concen: 0.60 ppb
RT: 8.46 min Scan# 1474
Delta R.T. -0.02 min
Lab File: AC092915.D
Acq: 29 Sep 2005 10:53 pm

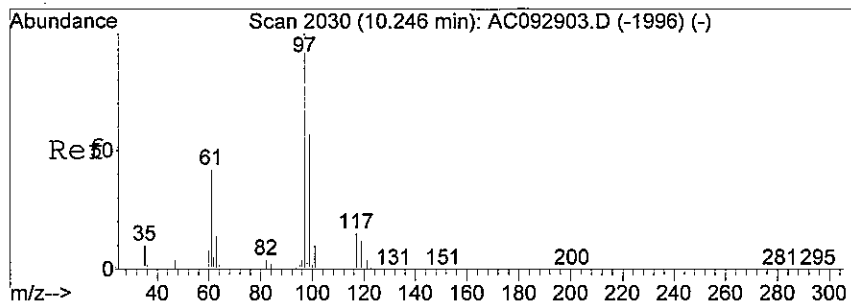
Tgt Ion: 41 Resp: 15736
Ion Ratio Lower Upper
41 100
57 91.7 102.6 142.6#
43 88.9 62.5 102.5



#27
Chloroform
Concen: 1.06 ppb
RT: 9.43 min Scan# 1777
Delta R.T. -0.01 min
Lab File: AC092915.D
Acq: 29 Sep 2005 10:53 pm

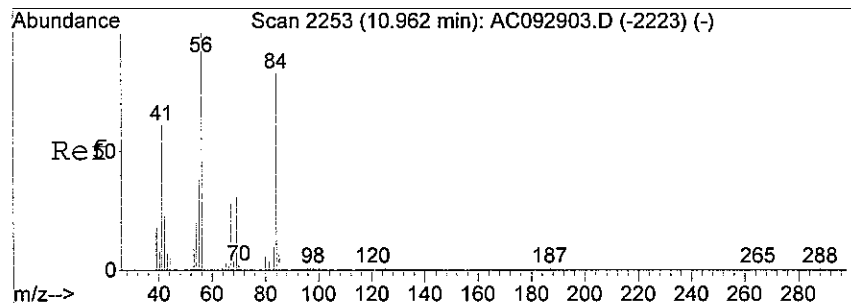
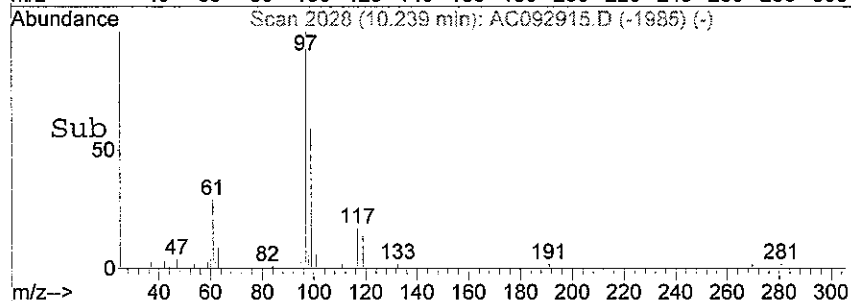
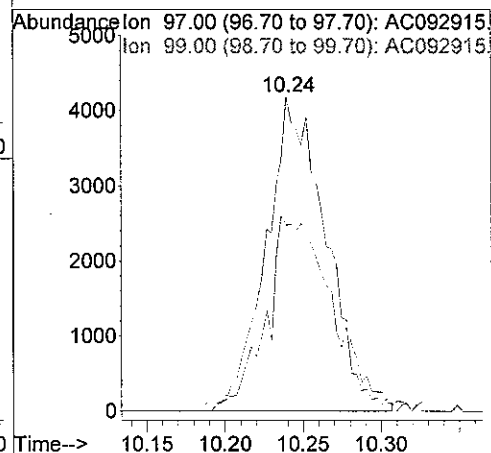
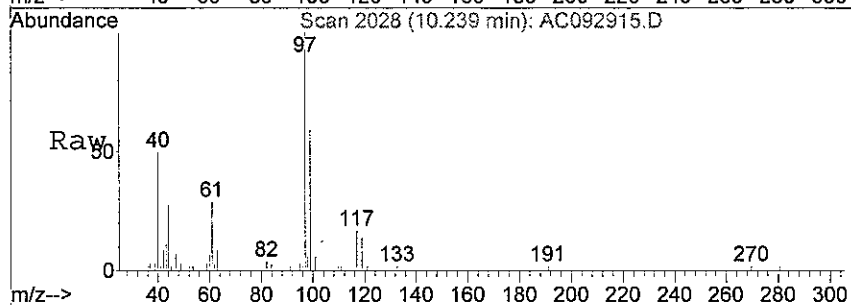
Tgt Ion: 83 Resp: 71091
Ion Ratio Lower Upper
83 100
85 67.5 46.2 86.2





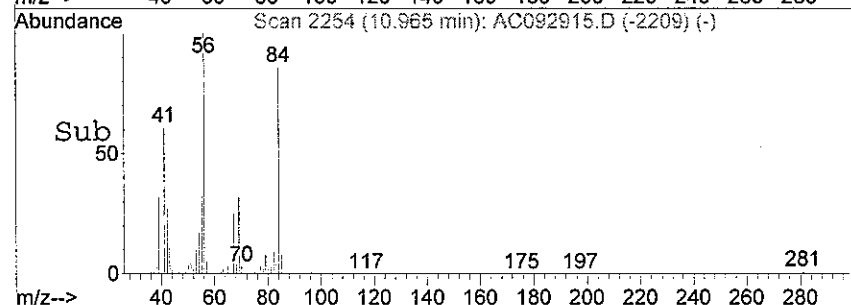
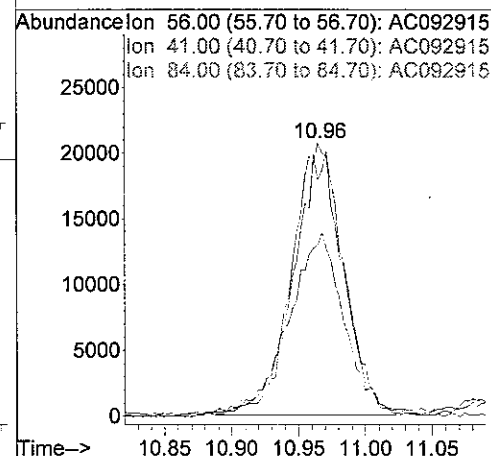
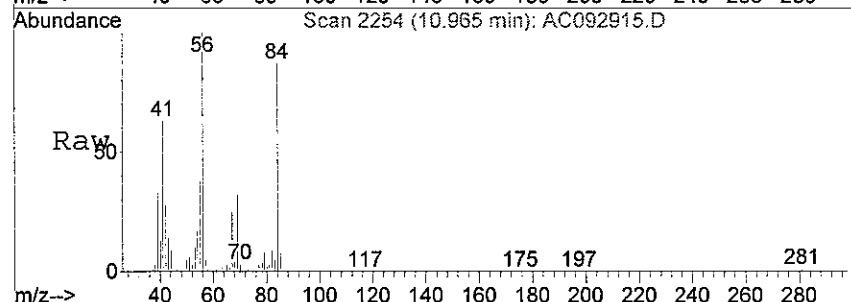
#31
1,1,1-trichloroethane
Concen: 0.18 ppb
RT: 10.24 min Scan# 2028
Delta R.T. -0.01 min
Lab File: AC092915.D
Acq: 29 Sep 2005 10:53 pm

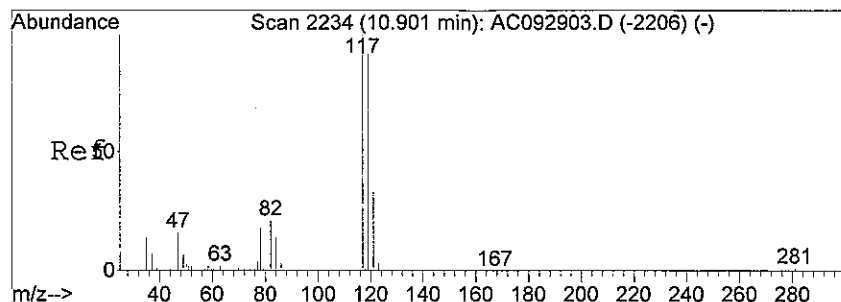
Tgt Ion: 97 Resp: 11269
Ion Ratio Lower Upper
97 100
99 65.4 44.7 84.7



#32
Cyclohexane
Concen: 1.84 ppb
RT: 10.96 min Scan# 2254
Delta R.T. -0.01 min
Lab File: AC092915.D
Acq: 29 Sep 2005 10:53 pm

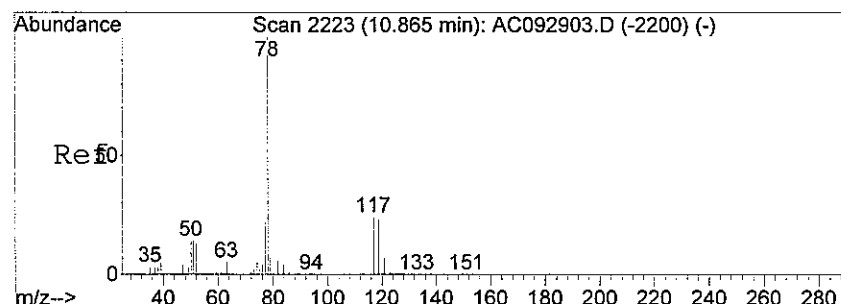
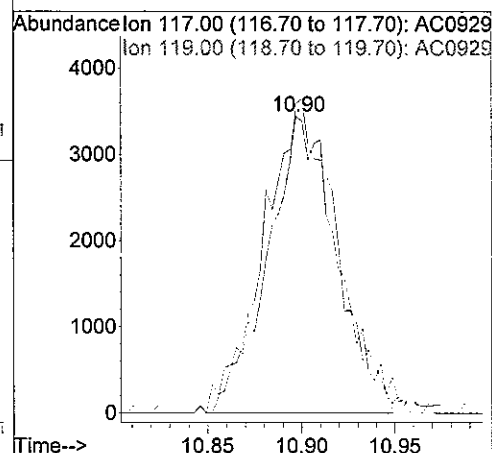
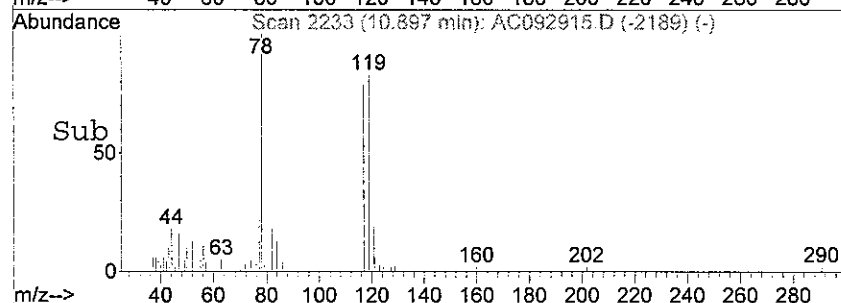
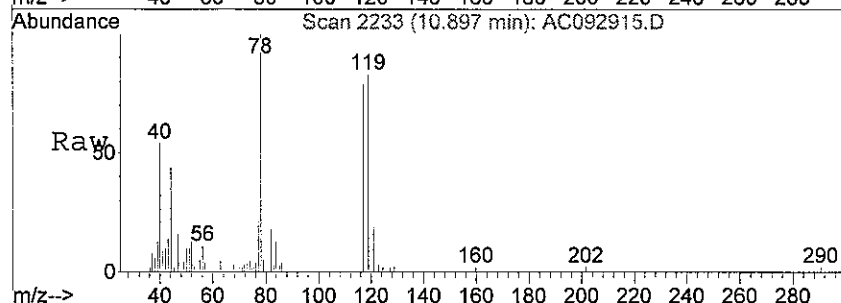
Tgt Ion: 56 Resp: 56618
Ion Ratio Lower Upper
56 100
41 70.3 34.9 74.9
84 92.3 49.8 89.8#





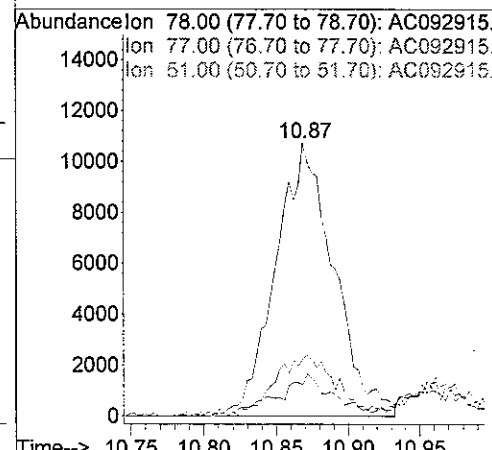
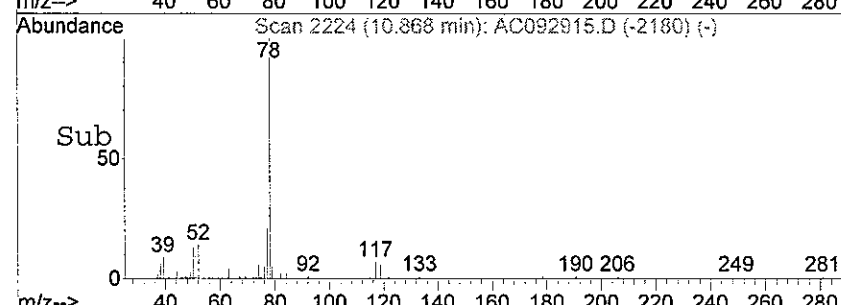
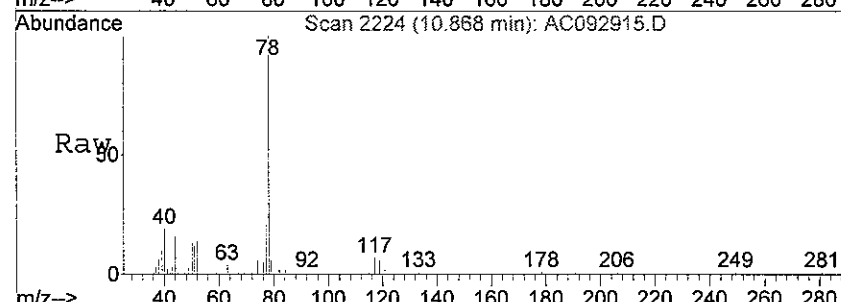
#33
Carbon tetrachloride
Concen: 0.12 ppb
RT: 10.90 min Scan# 2233
Delta R.T. -0.01 min
Lab File: AC092915.D
Acq: 29 Sep 2005 10:53 pm

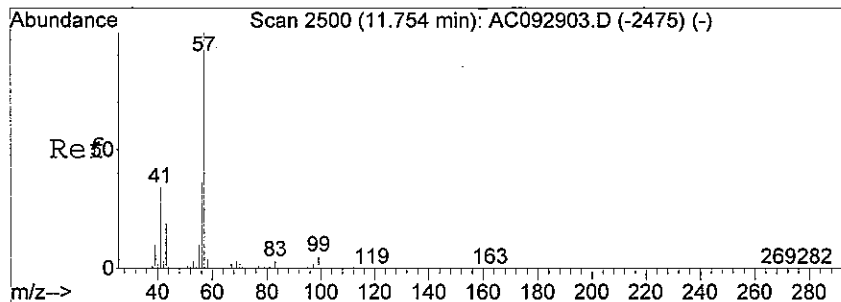
Tgt Ion: 117 Resp: 9418
Ion Ratio Lower Upper
117 100
119 98.3 75.9 115.9



#34
Benzene
Concen: 0.37 ppb
RT: 10.87 min Scan# 2224
Delta R.T. -0.01 min
Lab File: AC092915.D
Acq: 29 Sep 2005 10:53 pm

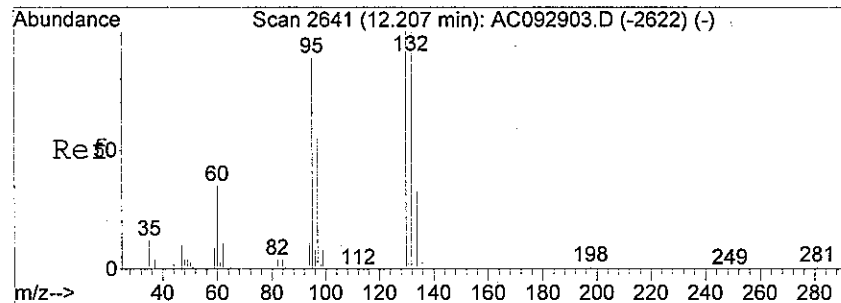
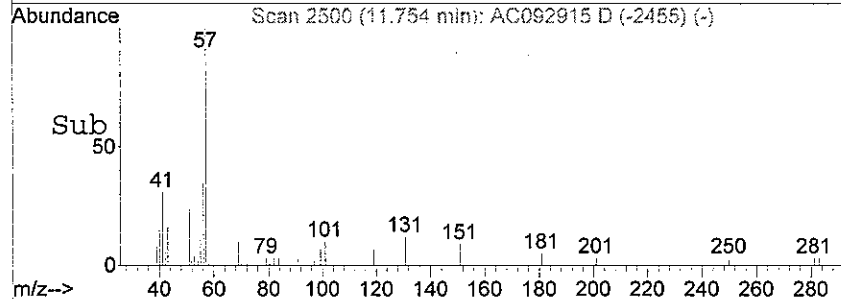
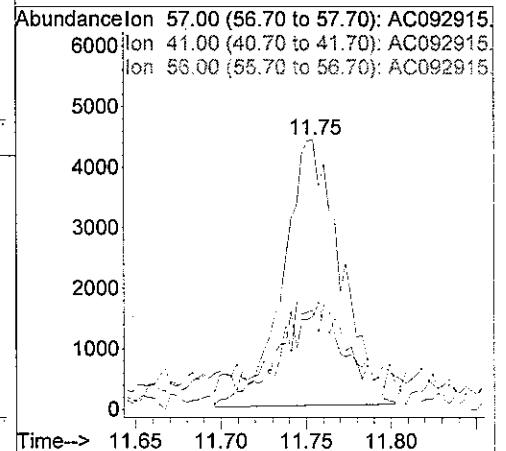
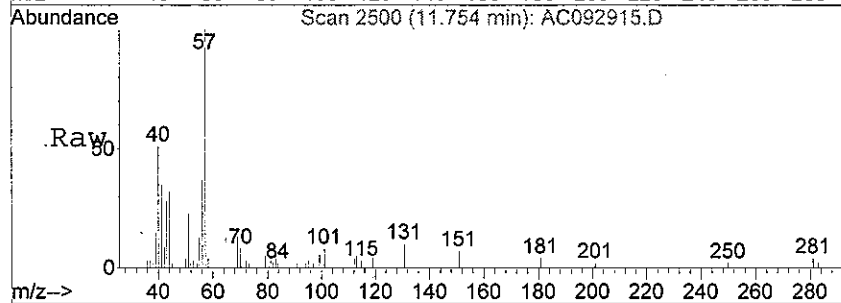
Tgt Ion: 78 Resp: 30006
Ion Ratio Lower Upper
78 100
77 14.6 3.1 43.1
51 10.7 5.7 45.7





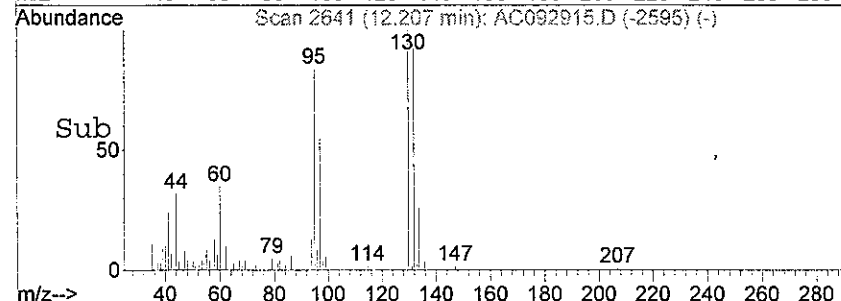
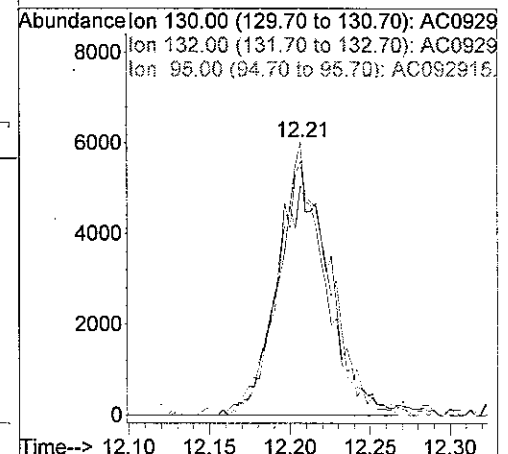
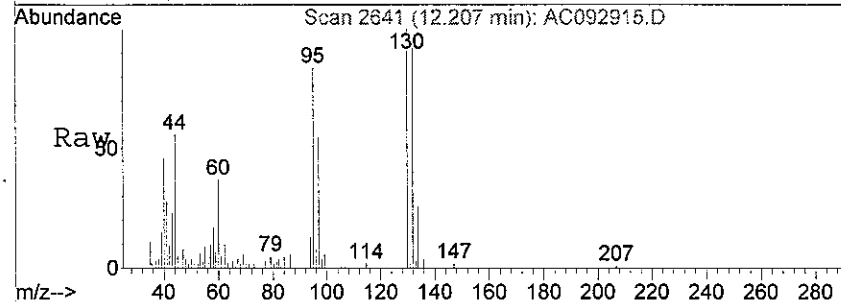
#36
 2,2,4-trimethylpentane
 Concen: 0.10 ppb
 RT: 11.75 min Scan# 2500
 Delta R.T. -0.01 min
 Lab File: AC092915.D
 Acq: 29 Sep 2005 10:53 pm

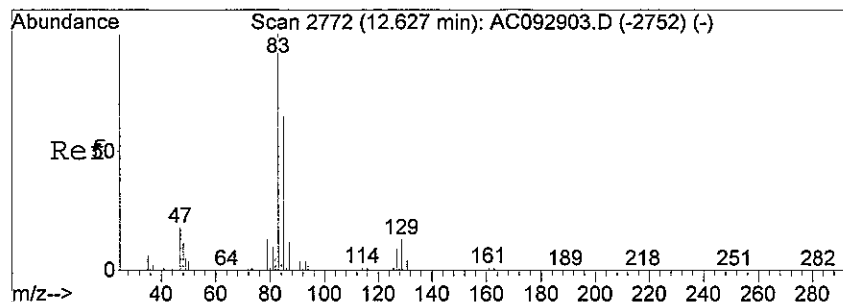
Tgt Ion	Ratio	Lower	Upper
57	100		
41	13.8	10.5	50.5
56	1.1	11.1	51.1#



#38
 Trichloroethene
 Concen: 0.26 ppb
 RT: 12.21 min Scan# 2641
 Delta R.T. -0.00 min
 Lab File: AC092915.D
 Acq: 29 Sep 2005 10:53 pm

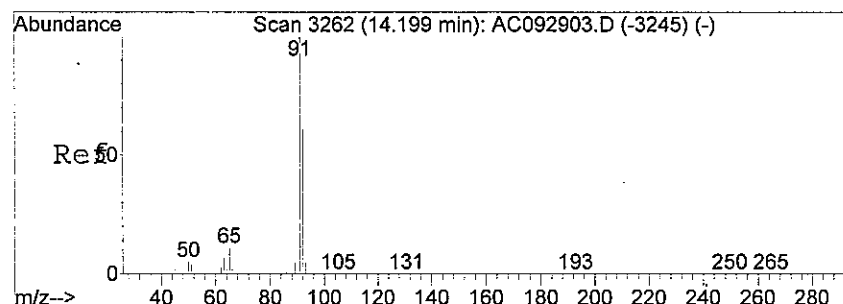
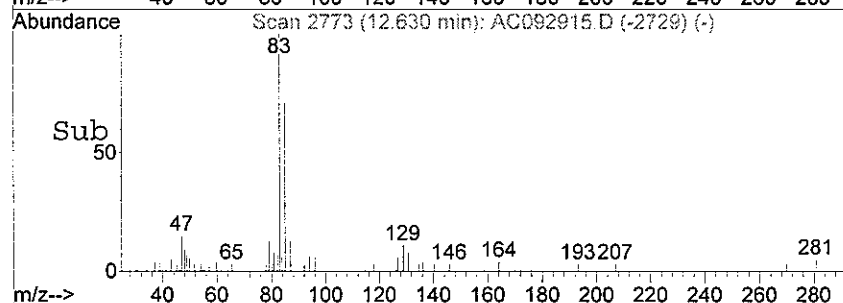
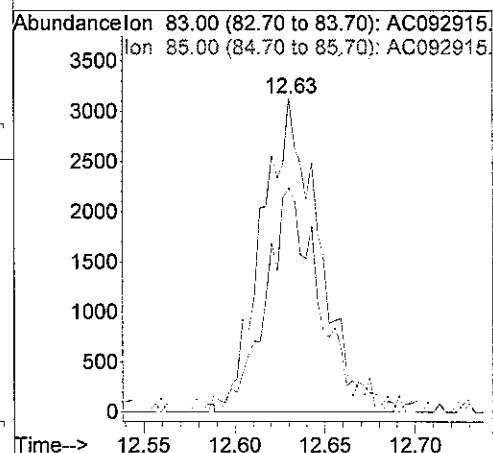
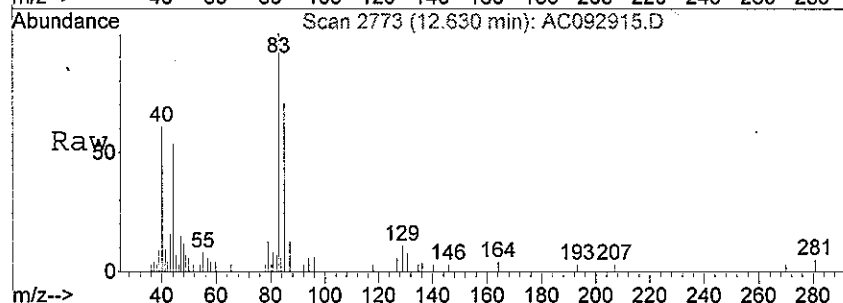
Tgt Ion	Ratio	Lower	Upper
130	100		
132	100.2	76.8	116.8
95	90.7	89.8	129.8





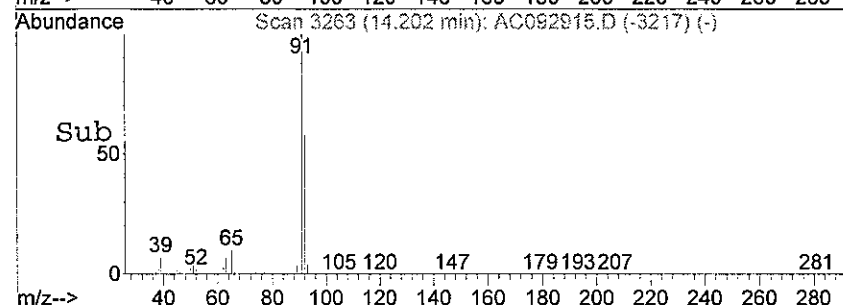
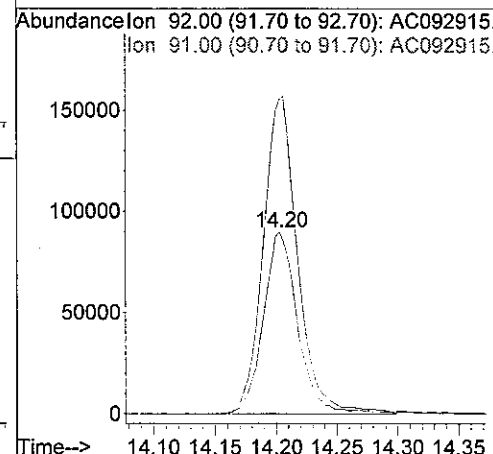
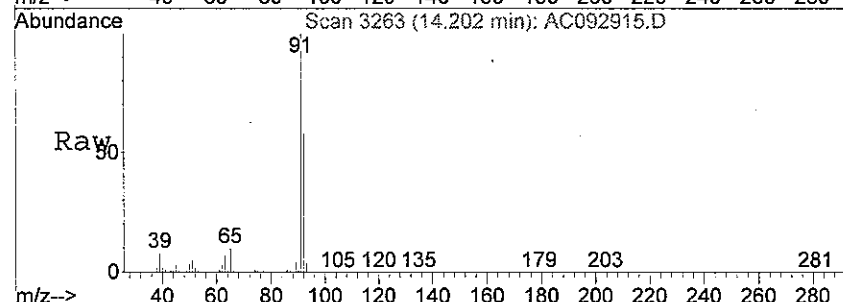
#40
Bromodichloromethane
Concen: 0.11 ppb
RT: 12.63 min Scan# 2773
Delta R.T. -0.01 min
Lab File: AC092915.D
Acq: 29 Sep 2005 10:53 pm

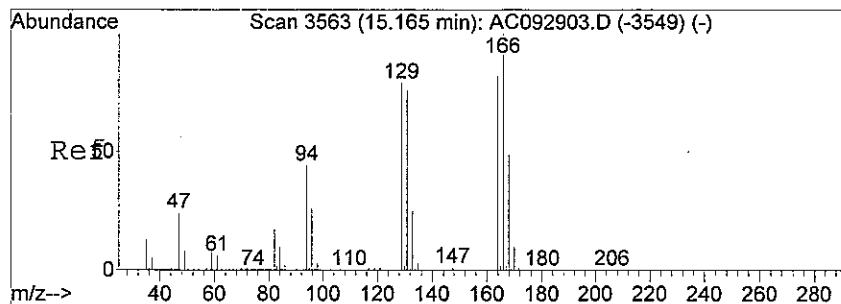
Tgt Ion: 83 Resp: 6885
Ion Ratio Lower Upper
83 100
85 68.1 44.9 84.9



#45
Toluene
Concen: 2.52 ppb
RT: 14.20 min Scan# 3263
Delta R.T. -0.00 min
Lab File: AC092915.D
Acq: 29 Sep 2005 10:53 pm

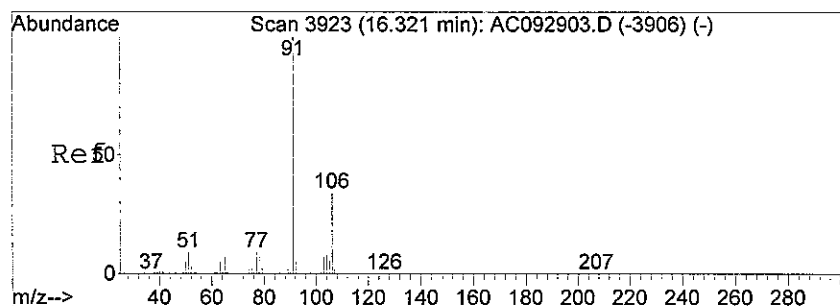
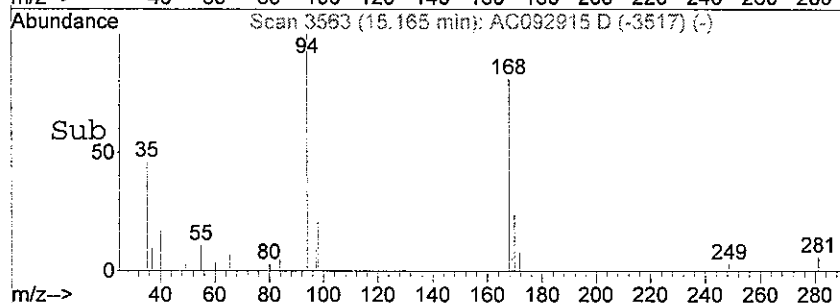
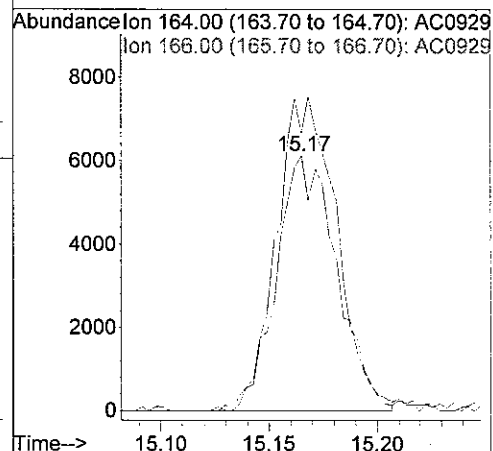
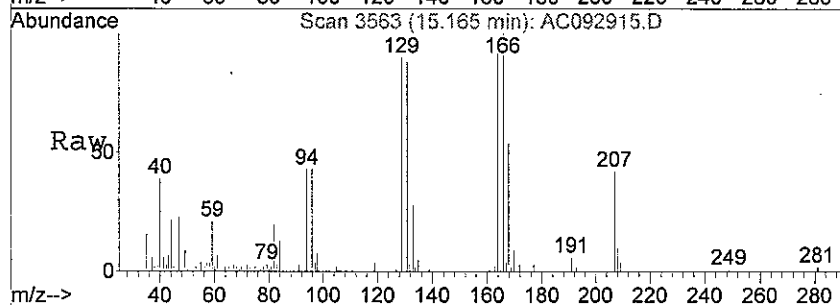
Tgt Ion: 92 Resp: 176768
Ion Ratio Lower Upper
92 100
91 171.8 151.0 191.0





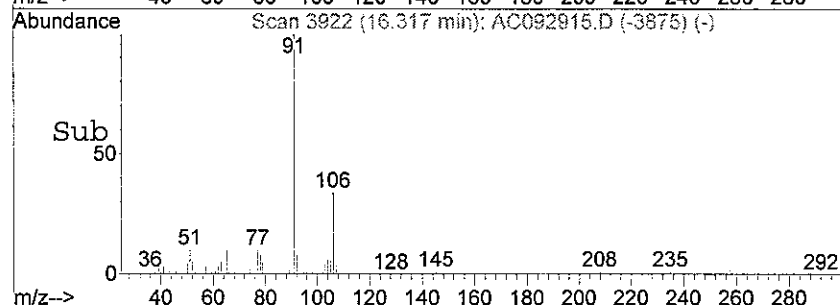
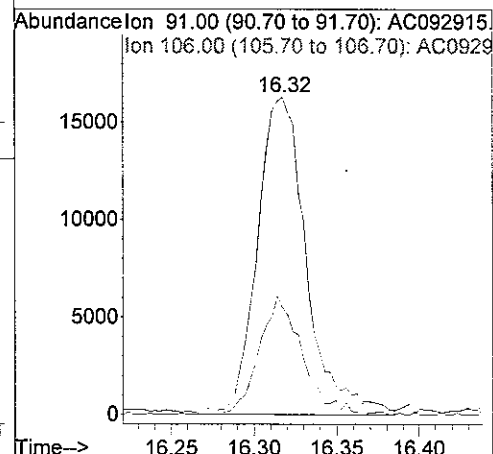
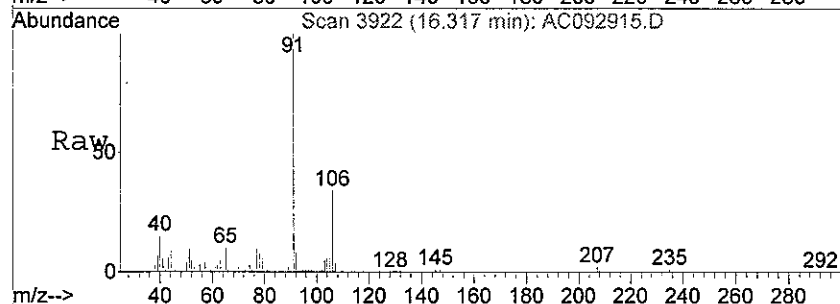
#50
Tetrachloroethylene
Concen: 0.21 ppb
RT: 15.17 min Scan# 3563
Delta R.T. -0.00 min
Lab File: AC092915.D
Acq: 29 Sep 2005 10:53 pm

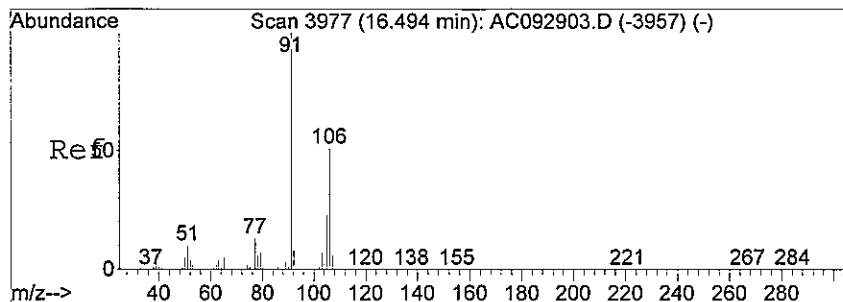
Tgt Ion: 164 Resp: 11788
Ion Ratio Lower Upper
164 100
166 124.2 106.8 146.8



#52
Ethylbenzene
Concen: 0.26 ppb
RT: 16.32 min Scan# 3922
Delta R.T. -0.00 min
Lab File: AC092915.D
Acq: 29 Sep 2005 10:53 pm

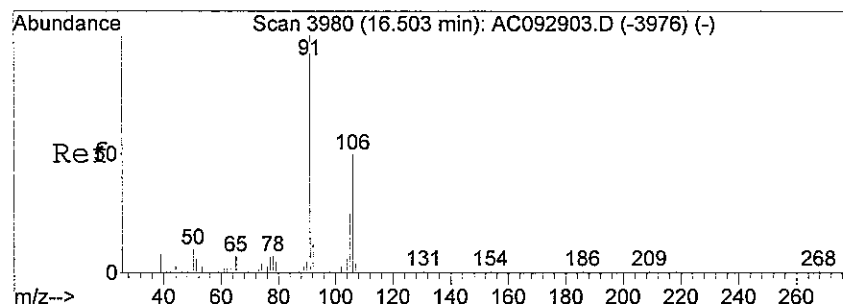
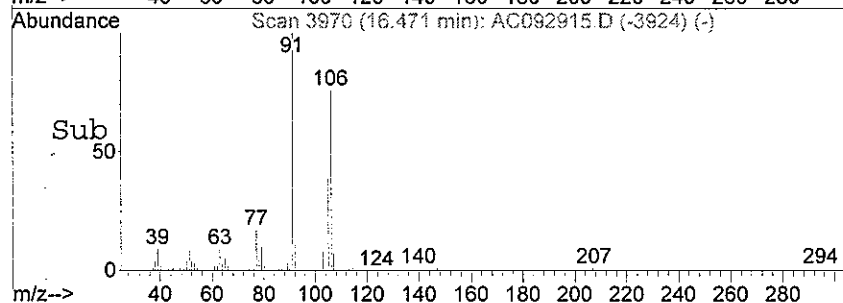
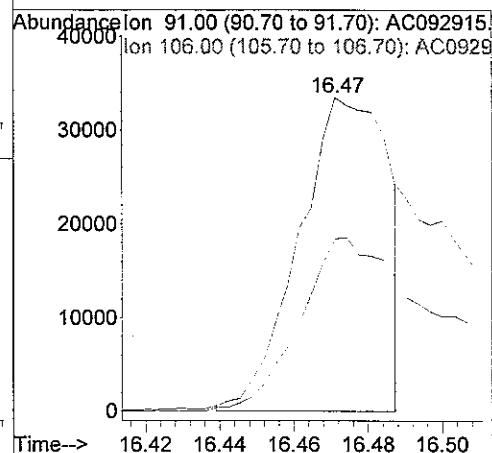
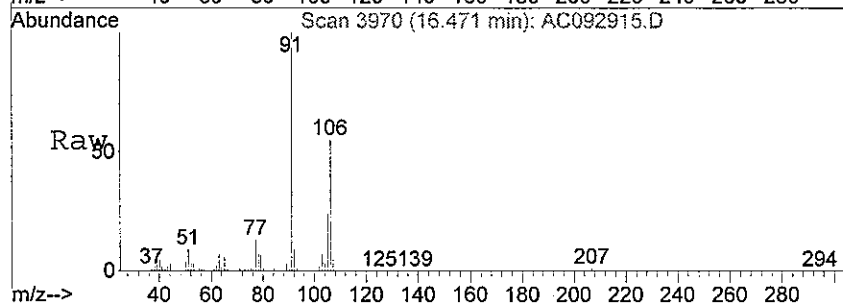
Tgt Ion: 91 Resp: 33376
Ion Ratio Lower Upper
91 100
106 32.6 10.2 50.2





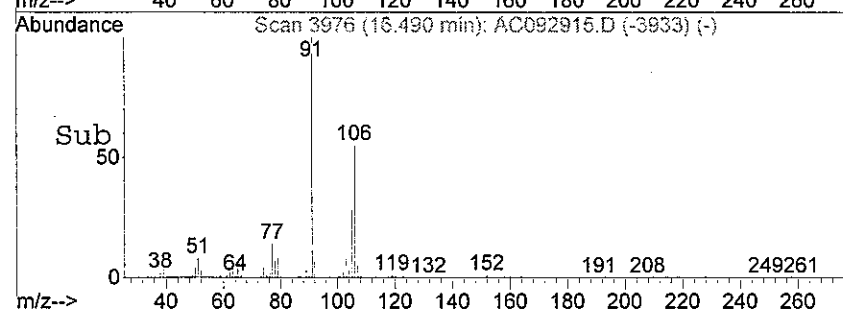
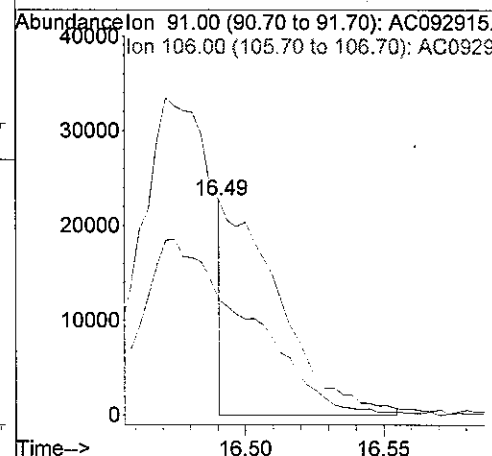
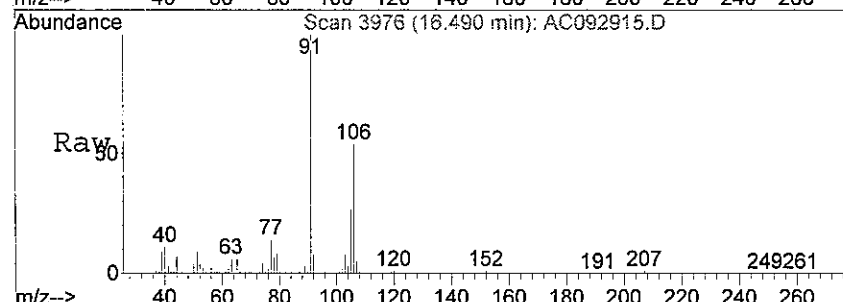
#53
m-xylene
Concen: 0.54 ppb m
RT: 16.47 min Scan# 3970
Delta R.T. -0.00 min
Lab File: AC092915.D
Acq: 29 Sep 2005 10:53 pm

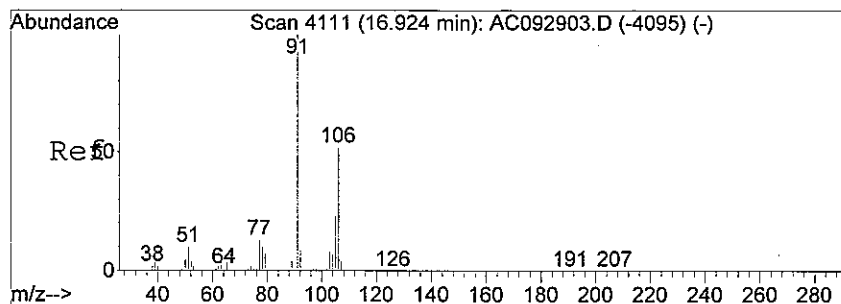
Tgt Ion: 91 Resp: 55540
Ion Ratio Lower Upper
91 100
106 90.1 31.7 71.7#



#54
p-xylene
Concen: 0.27 ppb m
RT: 16.49 min Scan# 3976
Delta R.T. -0.01 min
Lab File: AC092915.D
Acq: 29 Sep 2005 10:53 pm

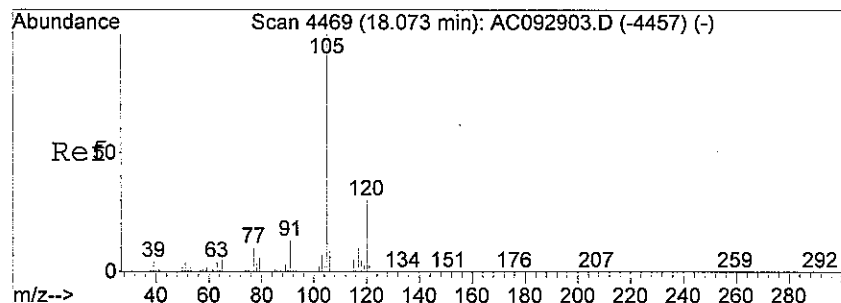
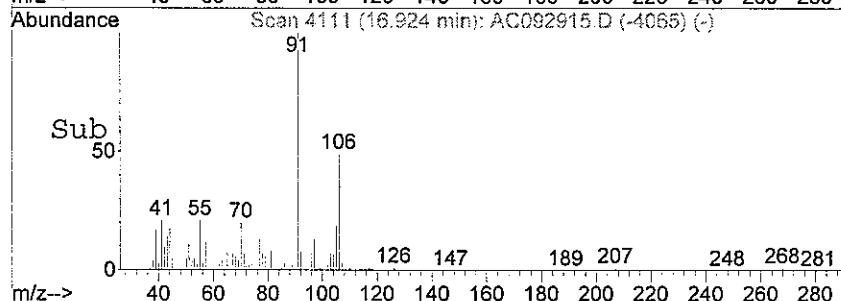
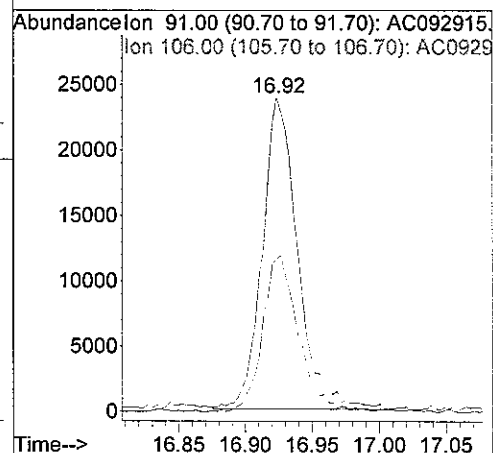
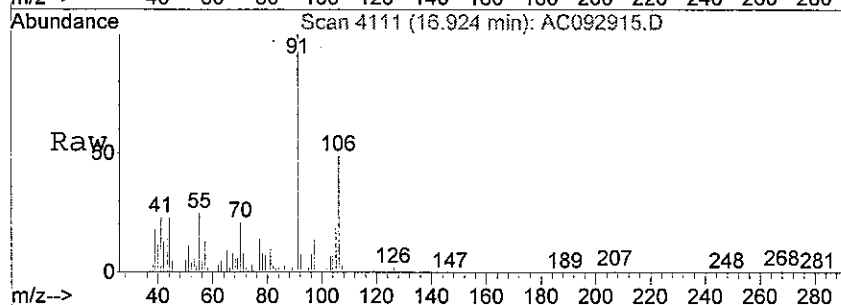
Tgt Ion: 91 Resp: 31805
Ion Ratio Lower Upper
91 100
106 157.4 22.7 62.7#





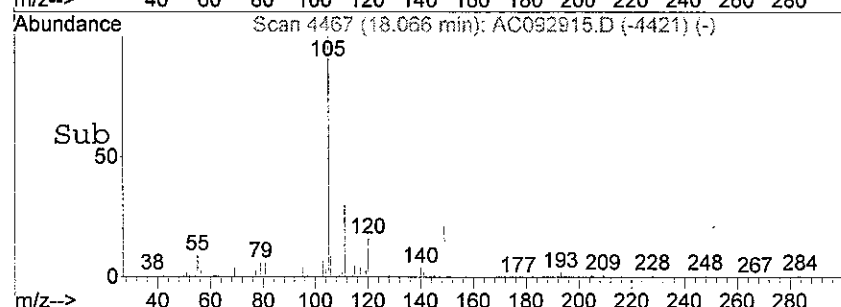
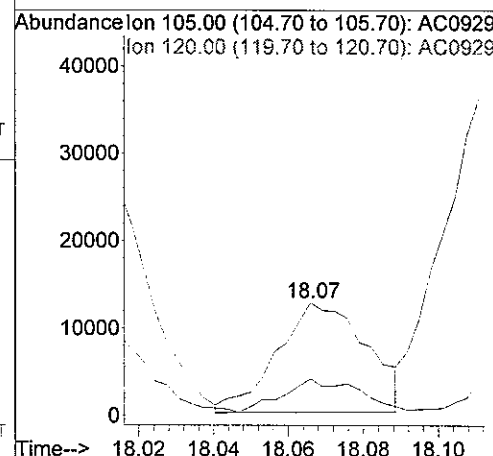
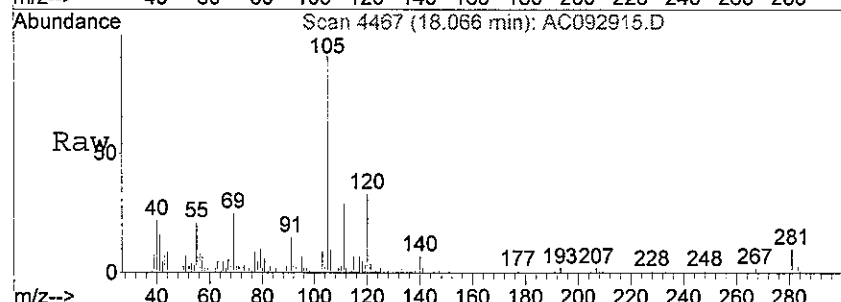
#57
o-xylene
Concen: 0.35 ppb
RT: 16.92 min Scan# 4111
Delta R.T. -0.00 min
Lab File: AC092915.D
Acq: 29 Sep 2005 10:53 pm

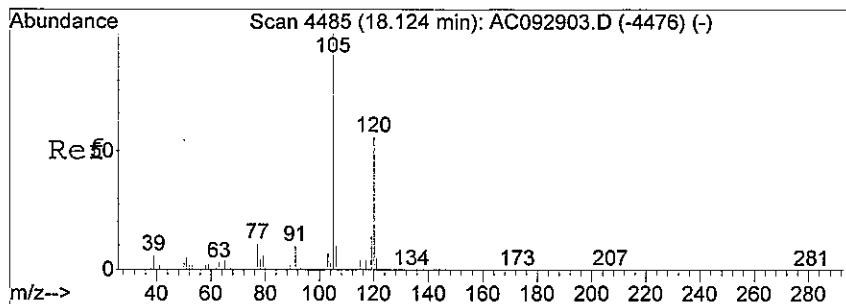
Tgt Ion: 91 Resp: 43958
Ion Ratio Lower Upper
91 100
106 50.3 23.8 63.8



#60
4-ethyltoluene
Concen: 0.24 ppb
RT: 18.07 min Scan# 4467
Delta R.T. -0.00 min
Lab File: AC092915.D
Acq: 29 Sep 2005 10:53 pm

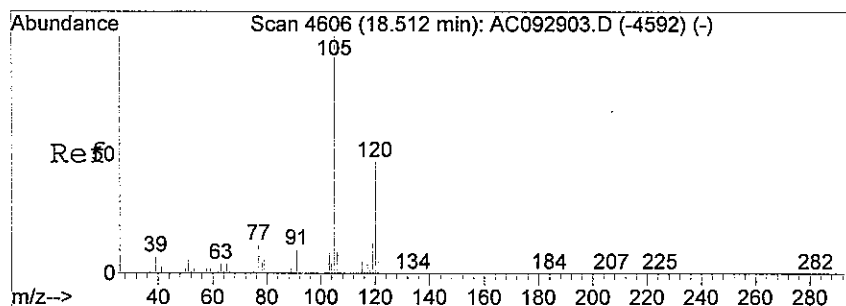
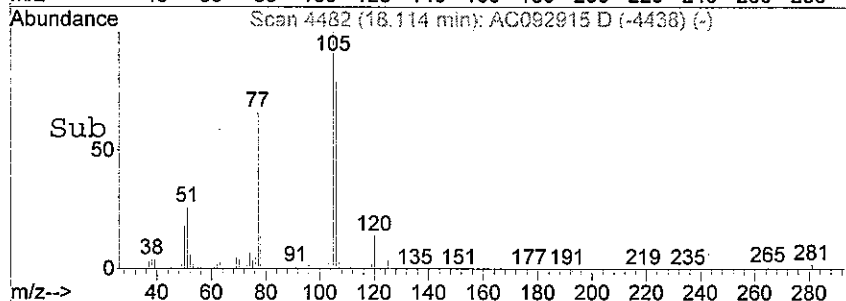
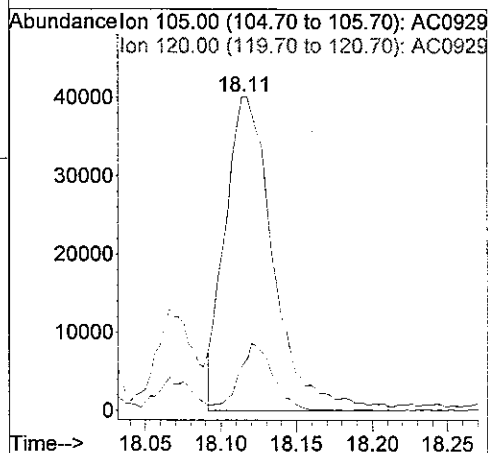
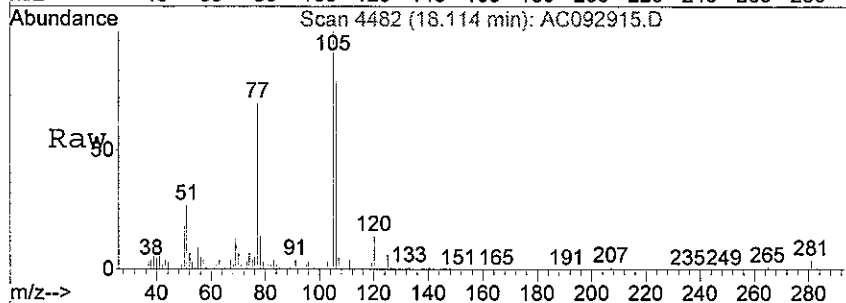
Tgt Ion: 105 Resp: 20689
Ion Ratio Lower Upper
105 100
120 31.3 8.6 48.6





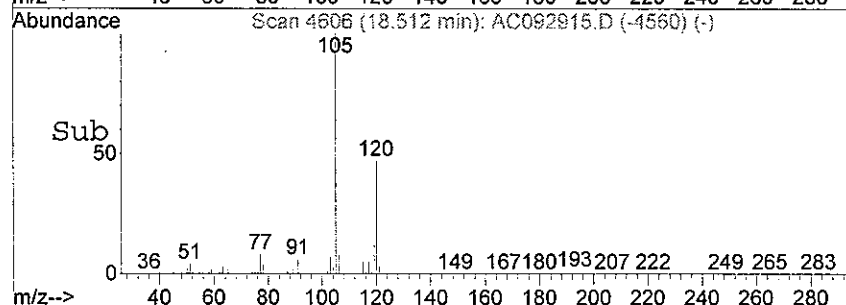
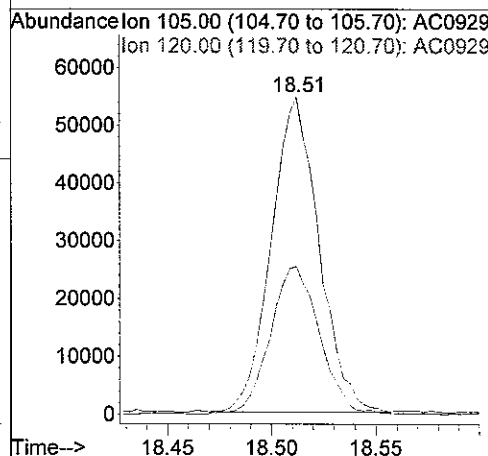
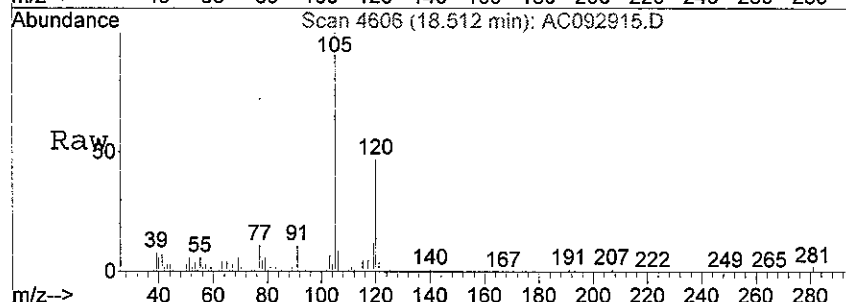
#61
 1,3,5-trimethylbenzene
 Concen: 0.75 ppb m
 RT: 18.11 min Scan# 4482
 Delta R.T. -0.01 min
 Lab File: AC092915.D
 Acq: 29 Sep 2005 10:53 pm

Tgt Ion:105 Resp: 88929
 Ion Ratio Lower Upper
 105 100
 120 6.6 21.5 61.5#



#62
 1,2,4-trimethylbenzene
 Concen: 0.86 ppb
 RT: 18.51 min Scan# 4606
 Delta R.T. -0.00 min
 Lab File: AC092915.D
 Acq: 29 Sep 2005 10:53 pm

Tgt Ion:105 Resp: 86777
 Ion Ratio Lower Upper
 105 100
 120 48.7 20.9 60.9



Data File : C:\MSDCHEM\1\DATA\AC092922.D

Vial: 10

Acq On : 30 Sep 2005 3:11 am

Operator: RJP

Sample : C0509018-007A 5x

Inst : MSD #1

Misc : C0509018-007A

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Sep 30 03:34:57 2005

Quant Results File: A905_1UT.RES

Quant Method : C:\MSDCHEM\1\METHODS\A905_1UT.M (RTE Integrator)

Title : TO-15 VOA Standards for 5 point calibration

Last Update : Tue Sep 06 13:55:05 2005

Response via : Initial Calibration

DataAcq Meth : A905_1UT

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) Bromochloromethane	9.28	128	19372	1.00	ppb	0.00
30) 1,4-difluorobenzene	11.57	114	61346	1.00	ppb	-0.02
44) Chlorobenzene-d5	16.03	117	67812	1.00	ppb	0.00

System Monitoring Compounds

58) Bromofluorobenzene	17.53	95	33307	0.96	ppb	0.00
Spiked Amount	1.000	Range	70 - 130	Recovery	=	96.00%

Target Compounds

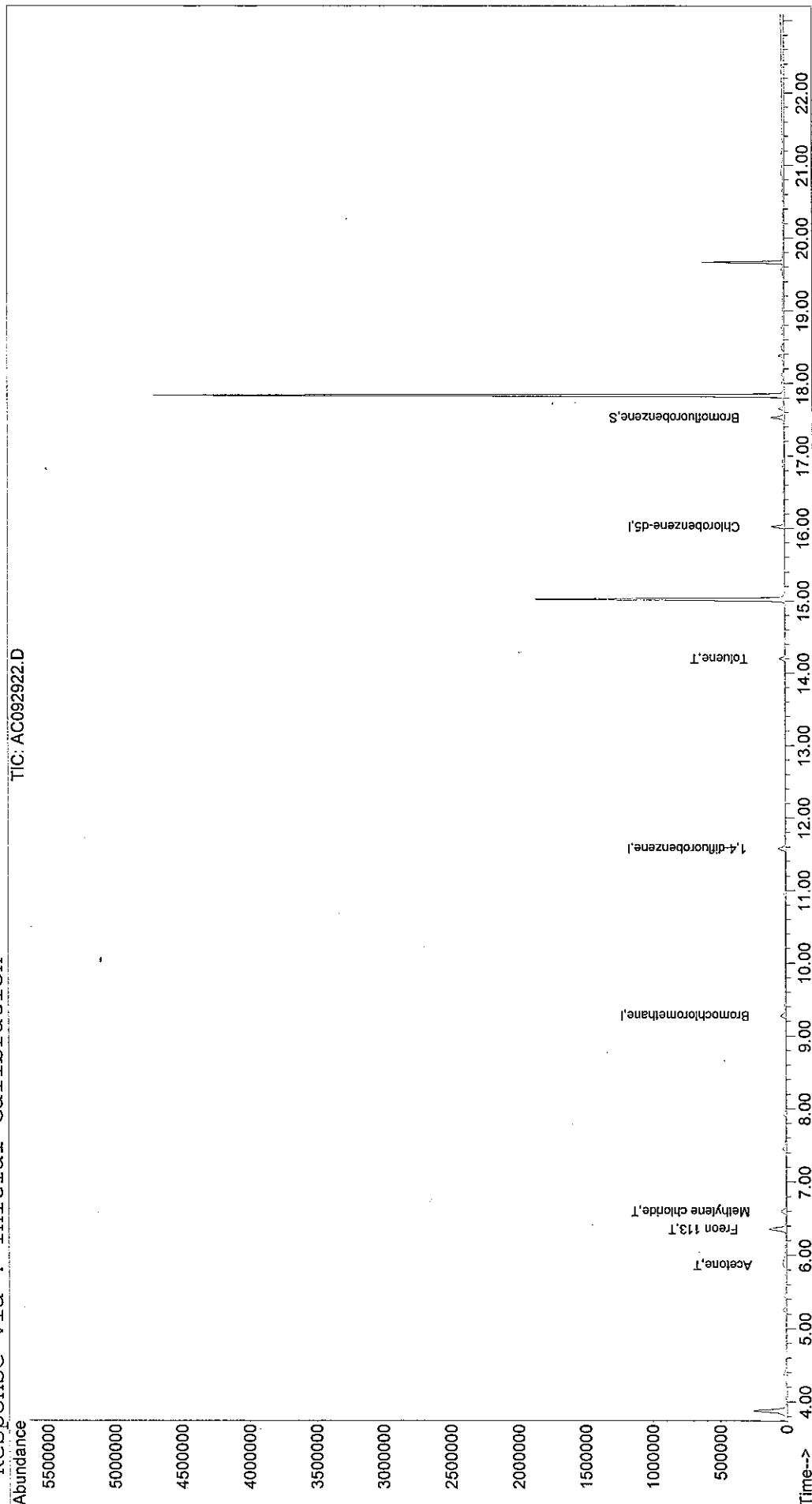
					Qvalue
12) Acetone	5.87	58	21199m	2.20	ppb
15) Freon 113	6.36	101	73584	1.27	ppb # 82
16) Methylene chloride	6.60	84	29672m	1.37	ppb
45) Toluene	14.20	92	21469	0.46	ppb 98

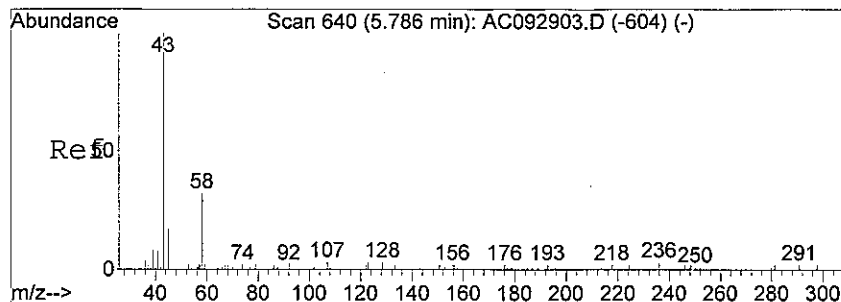
Data File : C:\MSDCHEM\1\DATA\AC092922.D
Acq On : 30 Sep 2005 3:11 am
Sample : C0509018-007A 5x
Misc : C0509018-007A
MS Integration Params: RTEINT.P
Quant Time: Sep 30 8:33 2005

Vial: 10
Operator: RJP
Inst : MSD #1
Multiplr: 1.00

Quant Results File: A905_1UT.RES

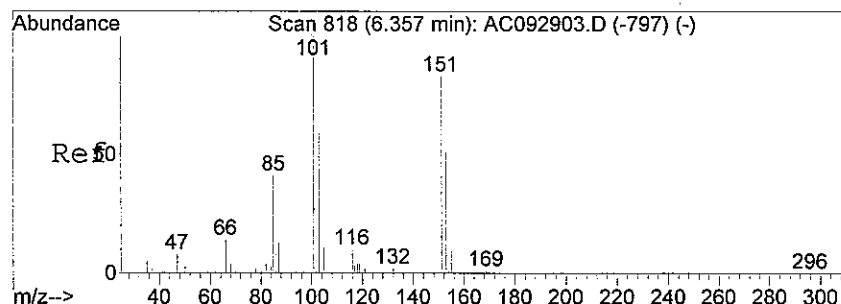
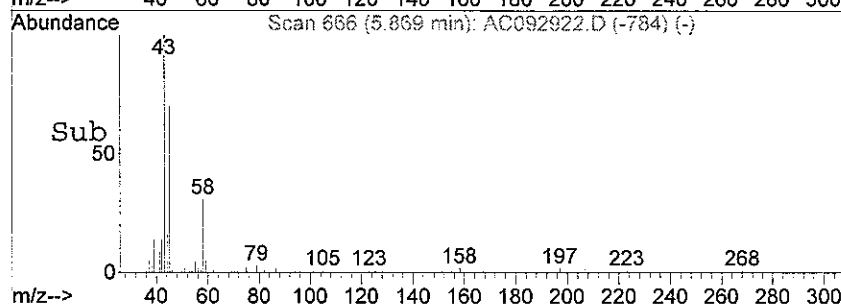
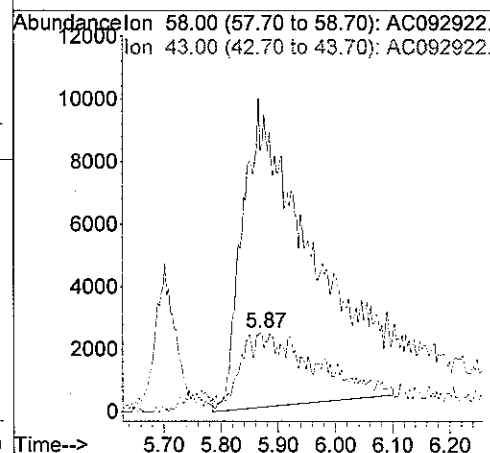
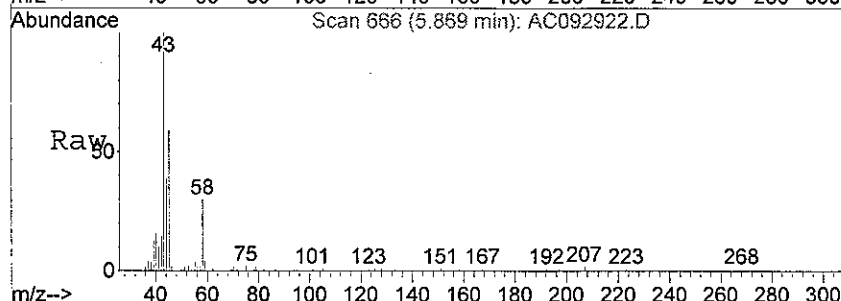
Method : C:\MSDCHEM\1\METHODS\A905_1UT.M (RTE Integrator)
Title : TO-15 VOA Standards for 5 point calibration
Last Update : Sun Oct 09 14:17:27 2005
Response via : Initial Calibration





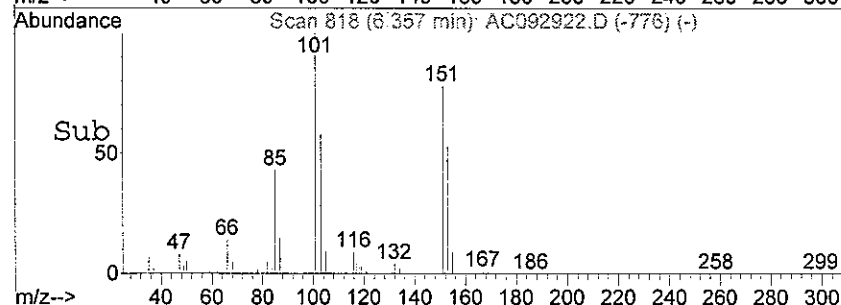
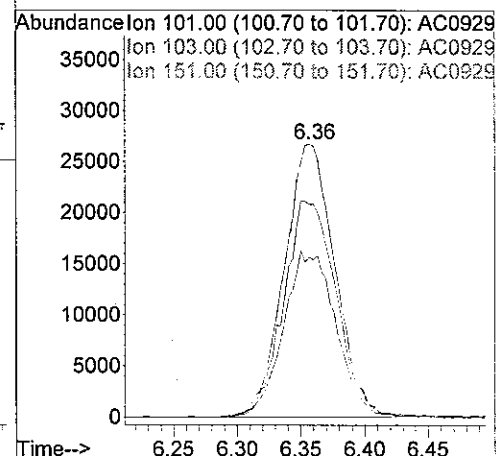
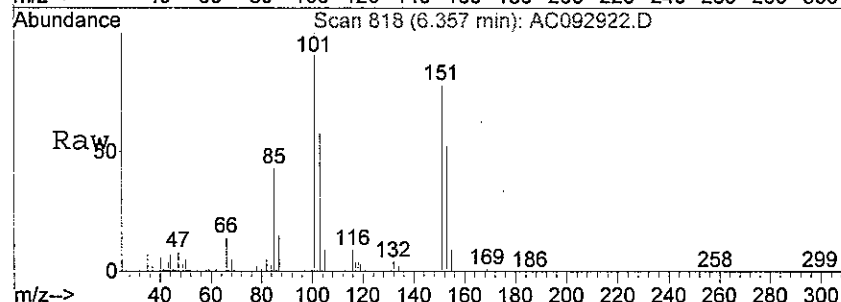
#12
Acetone
Concen: 2.20 ppb m
RT: 5.87 min Scan# 666
Delta R.T. -0.53 min
Lab File: AC092922.D
Acq: 30 Sep 2005 3:11 am

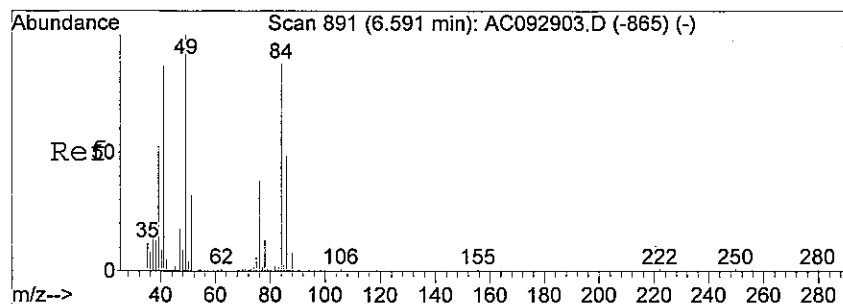
Tgt Ion: 58 Resp: 21199
Ion Ratio Lower Upper
58 100
43 0.9 0.0 30.0



#15
Freon 113
Concen: 1.27 ppb
RT: 6.36 min Scan# 818
Delta R.T. -0.02 min
Lab File: AC092922.D
Acq: 30 Sep 2005 3:11 am

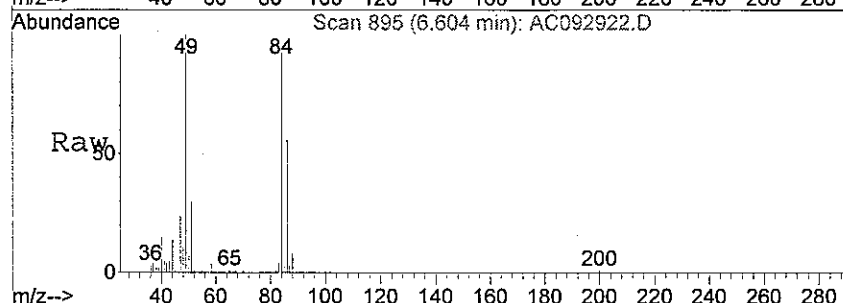
Tgt Ion: 101 Resp: 73584
Ion Ratio Lower Upper
101 100
103 62.5 13.9 53.9#
151 82.2 66.6 106.6





#16
Methylene chloride
Concen: 1.37 ppb m
RT: 6.60 min Scan# 895
Delta R.T. -0.02 min
Lab File: AC092922.D
Acq: 30 Sep 2005 3:11 am

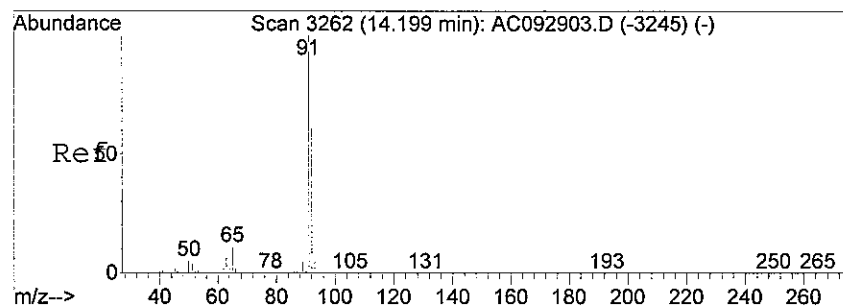
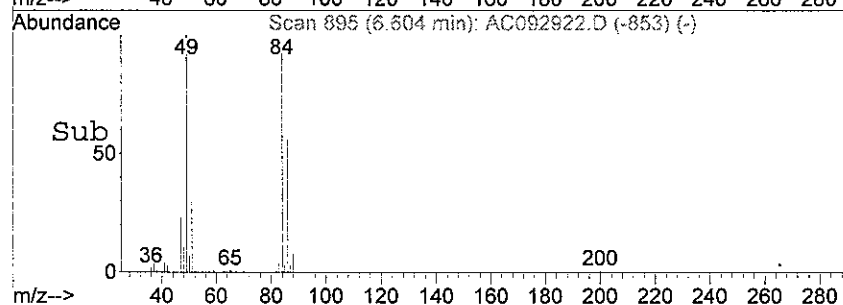
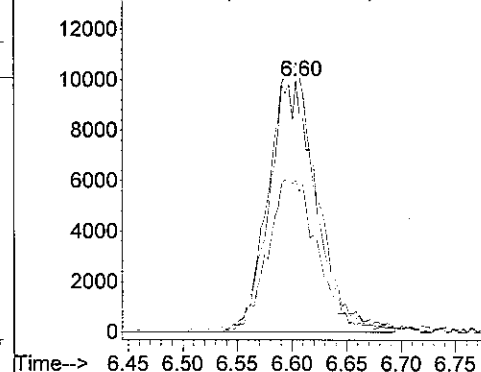
Tgt Ion	Ratio	Lower	Upper
84	100		
49	110.6	163.1	203.1#
86	64.4	48.2	88.2



Abundance Ion 84.00 (83.70 to 84.70): AC092922

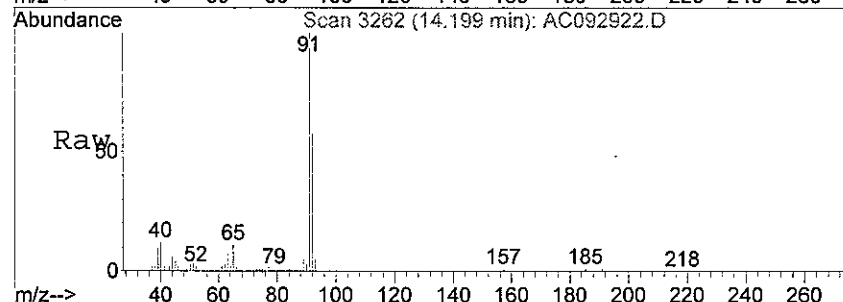
Ion 49.00 (48.70 to 49.70): AC092922

Ion 86.00 (85.70 to 86.70): AC092922



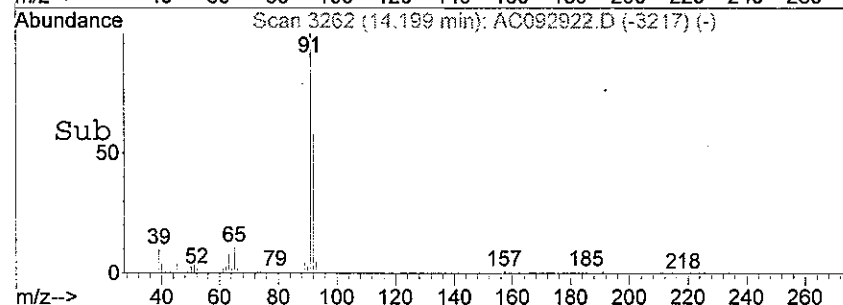
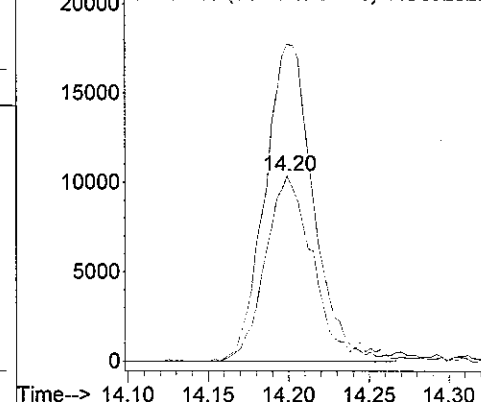
#45
Toluene
Concen: 0.46 ppb
RT: 14.20 min Scan# 3262
Delta R.T. -0.01 min
Lab File: AC092922.D
Acq: 30 Sep 2005 3:11 am

Tgt Ion	Ratio	Lower	Upper
92	100		
91	174.0	151.0	191.0



Abundance Ion 92.00 (91.70 to 92.70): AC092922

Ion 91.00 (90.70 to 91.70): AC092922



Centek Laboratories, LLC

Date: 09-Oct-05

CLIENT: ESC Environmental
 Lab Order: C0509018
 Project: 127491.05
 Lab ID: C0509018-008A

Client Sample ID: RD21AB092205
 Tag Number: 166, 49
 Collection Date: 9/22/2005
 Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15 1UG/M3 W/ 0.25UG/M3 TCE				TO-15		Analyst: RJP
1,1,1-Trichloroethane	0.12	0.150	J	ppbV	1	9/29/2005
1,1,2,2-Tetrachloroethane	ND	0.150		ppbV	1	9/29/2005
1,1,2-Trichloroethane	ND	0.150		ppbV	1	9/29/2005
1,1-Dichloroethane	ND	0.150		ppbV	1	9/29/2005
1,1-Dichloroethene	ND	0.150		ppbV	1	9/29/2005
1,2,4-Trichlorobenzene	ND	0.150		ppbV	1	9/29/2005
1,2,4-Trimethylbenzene	0.770	0.150		ppbV	1	9/29/2005
1,2-Dibromoethane	ND	0.150		ppbV	1	9/29/2005
1,2-Dichlorobenzene	ND	0.150		ppbV	1	9/29/2005
1,2-Dichloroethane	ND	0.150		ppbV	1	9/29/2005
1,2-Dichloropropane	ND	0.150		ppbV	1	9/29/2005
1,3,5-Trimethylbenzene	0.810	0.150		ppbV	1	9/29/2005
1,3-butadiene	ND	0.150		ppbV	1	9/29/2005
1,3-Dichlorobenzene	ND	0.150		ppbV	1	9/29/2005
1,4-Dichlorobenzene	ND	0.150		ppbV	1	9/29/2005
1,4-Dioxane	ND	0.300		ppbV	1	9/29/2005
2,2,4-trimethylpentane	0.090	0.150	J	ppbV	1	9/29/2005
4-ethyltoluene	0.220	0.150		ppbV	1	9/29/2005
Acetone	10.4	1.50		ppbV	5	9/29/2005
Allyl chloride	ND	0.150		ppbV	1	9/29/2005
Benzene	0.400	0.150		ppbV	1	9/29/2005
Benzyl chloride	ND	0.150		ppbV	1	9/29/2005
Bromodichloromethane	ND	0.150		ppbV	1	9/29/2005
Bromoform	ND	0.150		ppbV	1	9/29/2005
Bromomethane	ND	0.150		ppbV	1	9/29/2005
Carbon disulfide	0.090	0.150	J	ppbV	1	9/29/2005
Carbon tetrachloride	ND	0.150		ppbV	1	9/29/2005
Chlorobenzene	ND	0.150		ppbV	1	9/29/2005
Chloroethane	ND	0.150		ppbV	1	9/29/2005
Chloroform	0.990	0.150		ppbV	1	9/29/2005
Chloromethane	0.640	0.150		ppbV	1	9/29/2005
cis-1,2-Dichloroethene	ND	0.150		ppbV	1	9/29/2005
cis-1,3-Dichloropropene	ND	0.150		ppbV	1	9/29/2005
Cyclohexane	1.64	0.150		ppbV	1	9/29/2005
Dibromochloromethane	ND	0.150		ppbV	1	9/29/2005
Ethyl acetate	ND	0.250		ppbV	1	9/29/2005
Ethylbenzene	0.290	0.150		ppbV	1	9/29/2005
Freon 11	0.480	0.150		ppbV	1	9/29/2005
Freon 113	2.65	0.750		ppbV	5	9/29/2005
Freon 114	ND	0.150		ppbV	1	9/29/2005

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 at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 09-Oct-05

CLIENT: ESC Environmental
Lab Order: C0509018
Project: 127491.05
Lab ID: C0509018-008A

Client Sample ID: RD21AB092205
Tag Number: 166, 49
Collection Date: 9/22/2005
Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15 1UG/M3 W/ 0.25UG/M3 TCE				TO-15		Analyst: RJP
Freon 12	0.860	0.150		ppbV	1	9/29/2005
Heptane	ND	0.150		ppbV	1	9/29/2005
Hexachloro-1,3-butadiene	ND	0.150		ppbV	1	9/29/2005
Hexane	0.470	0.150		ppbV	1	9/29/2005
Isopropyl alcohol	ND	0.150		ppbV	1	9/29/2005
m-Xylene	0.650	0.150		ppbV	1	9/29/2005
Methyl Butyl Ketone	ND	0.300		ppbV	1	9/29/2005
Methyl Ethyl Ketone	ND	0.300		ppbV	1	9/29/2005
Methyl Isobutyl Ketone	ND	0.300		ppbV	1	9/29/2005
Methyl tert-butyl ether	ND	0.150		ppbV	1	9/29/2005
Methylene chloride	0.570	0.150		ppbV	1	9/29/2005
o-Xylene	0.360	0.150		ppbV	1	9/29/2005
p-Xylene	0.280	0.150		ppbV	1	9/29/2005
Propylene	ND	0.150		ppbV	1	9/29/2005
Styrene	ND	0.150		ppbV	1	9/29/2005
Tetrachloroethylene	0.200	0.150		ppbV	1	9/29/2005
Tetrahydrofuran	ND	0.150		ppbV	1	9/29/2005
Toluene	1.87	0.150		ppbV	1	9/29/2005
trans-1,2-Dichloroethene	ND	0.150		ppbV	1	9/29/2005
trans-1,3-Dichloropropene	ND	0.150		ppbV	1	9/29/2005
Trichloroethene	0.240	0.0400		ppbV	1	9/29/2005
Vinyl acetate	ND	0.150		ppbV	1	9/29/2005
Vinyl Bromide	ND	0.150		ppbV	1	9/29/2005
Vinyl chloride	ND	0.150		ppbV	1	9/29/2005
Surr: Bromofluorobenzene	116	70-130		%REC	1	9/29/2005

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 at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 09-Oct-05

CLIENT: ESC Environmental
 Lab Order: C0509018
 Project: 127491.05
 Lab ID: C0509018-008A

Client Sample ID: RD21AB092205
 Tag Number: 166, 49
 Collection Date: 9/22/2005
 Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15 1UG/M3 W/ 0.25UG/M3 TCE				TO-15		Analyst: RJP
1,1,1-Trichloroethane	0.666	0.832	J	ug/m3	1	9/29/2005
1,1,2,2-Tetrachloroethane	ND	1.05		ug/m3	1	9/29/2005
1,1,2-Trichloroethane	ND	0.832		ug/m3	1	9/29/2005
1,1-Dichloroethane	ND	0.617		ug/m3	1	9/29/2005
1,1-Dichloroethene	ND	0.605		ug/m3	1	9/29/2005
1,2,4-Trichlorobenzene	ND	1.13		ug/m3	1	9/29/2005
1,2,4-Trimethylbenzene	3.85	0.749		ug/m3	1	9/29/2005
1,2-Dibromoethane	ND	1.17		ug/m3	1	9/29/2005
1,2-Dichlorobenzene	ND	0.917		ug/m3	1	9/29/2005
1,2-Dichloroethane	ND	0.617		ug/m3	1	9/29/2005
1,2-Dichloropropane	ND	0.705		ug/m3	1	9/29/2005
1,3,5-Trimethylbenzene	4.05	0.750		ug/m3	1	9/29/2005
1,3-butadiene	ND	0.337		ug/m3	1	9/29/2005
1,3-Dichlorobenzene	ND	0.917		ug/m3	1	9/29/2005
1,4-Dichlorobenzene	ND	0.917		ug/m3	1	9/29/2005
1,4-Dioxane	ND	1.10		ug/m3	1	9/29/2005
2,2,4-trimethylpentane	0.427	0.712	J	ug/m3	1	9/29/2005
4-ethyltoluene	1.10	0.750		ug/m3	1	9/29/2005
Acetone	25.2	3.62		ug/m3	5	9/29/2005
Allyl chloride	ND	0.477		ug/m3	1	9/29/2005
Benzene	1.30	0.487		ug/m3	1	9/29/2005
Benzyl chloride	ND	0.877		ug/m3	1	9/29/2005
Bromodichloromethane	ND	1.02		ug/m3	1	9/29/2005
Bromoform	ND	1.58		ug/m3	1	9/29/2005
Bromomethane	ND	0.592		ug/m3	1	9/29/2005
Carbon disulfide	0.285	0.475	J	ug/m3	1	9/29/2005
Carbon tetrachloride	ND	0.959		ug/m3	1	9/29/2005
Chlorobenzene	ND	0.702		ug/m3	1	9/29/2005
Chloroethane	ND	0.402		ug/m3	1	9/29/2005
Chloroform	4.91	0.744		ug/m3	1	9/29/2005
Chloromethane	1.34	0.315		ug/m3	1	9/29/2005
cis-1,2-Dichloroethene	ND	0.604		ug/m3	1	9/29/2005
cis-1,3-Dichloropropene	ND	0.692		ug/m3	1	9/29/2005
Cyclohexane	5.74	0.525		ug/m3	1	9/29/2005
Dibromochloromethane	ND	1.30		ug/m3	1	9/29/2005
Ethyl acetate	ND	0.916		ug/m3	1	9/29/2005
Ethylbenzene	1.28	0.662		ug/m3	1	9/29/2005
Freon 11	2.74	0.857		ug/m3	1	9/29/2005
Freon 113	20.6	5.84		ug/m3	5	9/29/2005
Freon 114	ND	1.07		ug/m3	1	9/29/2005

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 at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 09-Oct-05

CLIENT: ESC Environmental
Lab Order: C0509018
Project: 127491.05
Lab ID: C0509018-008A

Client Sample ID: RD21AB092205
Tag Number: 166, 49
Collection Date: 9/22/2005
Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15 1UG/M3 W/ 0.25UG/M3 TCE				TO-15		Analyst: RJP
Freon 12	4.32	0.754		ug/m3	1	9/29/2005
Heptane	ND	0.625		ug/m3	1	9/29/2005
Hexachloro-1,3-butadiene	ND	1.63		ug/m3	1	9/29/2005
Hexane	1.68	0.537		ug/m3	1	9/29/2005
Isopropyl alcohol	ND	0.375		ug/m3	1	9/29/2005
m-Xylene	2.87	0.662		ug/m3	1	9/29/2005
Methyl Butyl Ketone	ND	1.25		ug/m3	1	9/29/2005
Methyl Ethyl Ketone	ND	0.899		ug/m3	1	9/29/2005
Methyl Isobutyl Ketone	ND	1.25		ug/m3	1	9/29/2005
Methyl tert-butyl ether	ND	0.550		ug/m3	1	9/29/2005
Methylene chloride	2.01	0.530		ug/m3	1	9/29/2005
o-Xylene	1.59	0.662		ug/m3	1	9/29/2005
p-Xylene	1.24	0.662		ug/m3	1	9/29/2005
Propylene	ND	0.262		ug/m3	1	9/29/2005
Styrene	ND	0.649		ug/m3	1	9/29/2005
Tetrachloroethylene	1.38	1.03		ug/m3	1	9/29/2005
Tetrahydrofuran	ND	0.450		ug/m3	1	9/29/2005
Toluene	7.16	0.575		ug/m3	1	9/29/2005
trans-1,2-Dichloroethene	ND	0.604		ug/m3	1	9/29/2005
trans-1,3-Dichloropropene	ND	0.692		ug/m3	1	9/29/2005
Trichloroethene	1.31	0.218		ug/m3	1	9/29/2005
Vinyl acetate	ND	0.537		ug/m3	1	9/29/2005
Vinyl Bromide	ND	0.667		ug/m3	1	9/29/2005
Vinyl chloride	ND	0.390		ug/m3	1	9/29/2005

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 at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Data File : C:\MSDCHEM\1\DATA\AC092916.D

Vial: 4

Acq On : 29 Sep 2005 11:32 pm

Operator: RJP

Sample : C0509018-008A

Inst : MSD #1

Misc : C0509018-008A

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Sep 29 23:55:39 2005

Quant Results File: A905_1UT.RES

Quant Method : C:\MSDCHEM\1\METHODS\A905_1UT.M (RTE Integrator)

Title : TO-15 VOA Standards for 5 point calibration

Last Update : Tue Sep 06 13:55:05 2005

Response via : Initial Calibration

DataAcq Meth : A905_1UT

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) Bromochloromethane	9.28	128	22954m	1.00	ppb	0.00
30) 1,4-difluorobenzene	11.58	114	77747	1.00	ppb	-0.01
44) Chlorobenzene-d5	16.03	117	85734	1.00	ppb	0.00

System Monitoring Compounds

58) Bromofluorobenzene	17.53	95	50897	1.16	ppb	0.00
Spiked Amount	1.000	Range	70 - 130	Recovery	=	116.00%

Target Compounds

	R.T.	QIon	Response	Conc	Units	Qvalue
3) Freon 12	3.92	85	64264	0.86	ppb	94
4) Chloromethane	4.11	50	16553	0.64	ppb	82
11) Freon 11	5.44	101	47535	0.48	ppb	98
12) Acetone	5.74	58	177273m	15.51	ppb	
15) Freon 113	6.36	101	180112	2.63	ppb	# 81
16) Methylene chloride	6.60	84	14705m	0.57	ppb	
18) Carbon disulfide	6.75	76	8919	0.09	ppb	74
25) Hexane	8.46	41	10921	0.47	ppb	# 55
27) Chloroform	9.43	83	58409	0.99	ppb	99
31) 1,1,1-trichloroethane	10.25	97	6776	0.12	ppb	# 72
32) Cyclohexane	10.96	56	43960	1.64	ppb	# 79
34) Benzene	10.87	78	28221	0.40	ppb	82
36) 2,2,4-trimethylpentane	11.75	57	7573	0.09	ppb	92
38) Trichloroethene	12.20	130	10158	0.24	ppb	# 87
45) Toluene	14.20	92	109644	1.87	ppb	96
50) Tetrachloroethylene	15.17	164	9634	0.20	ppb	99
52) Ethylbenzene	16.31	91	30478	0.29	ppb	95
53) m-xylene	16.47	91	56111m	0.65	ppb	
54) p-xylene	16.49	91	27066m	0.28	ppb	
57) o-xylene	16.93	91	37855	0.36	ppb	88
60) 4-ethyltoluene	18.07	105	15589	0.22	ppb	86
61) 1,3,5-trimethylbenzene	18.11	105	79590m	0.81	ppb	
62) 1,2,4-trimethylbenzene	18.51	105	64201	0.77	ppb	89

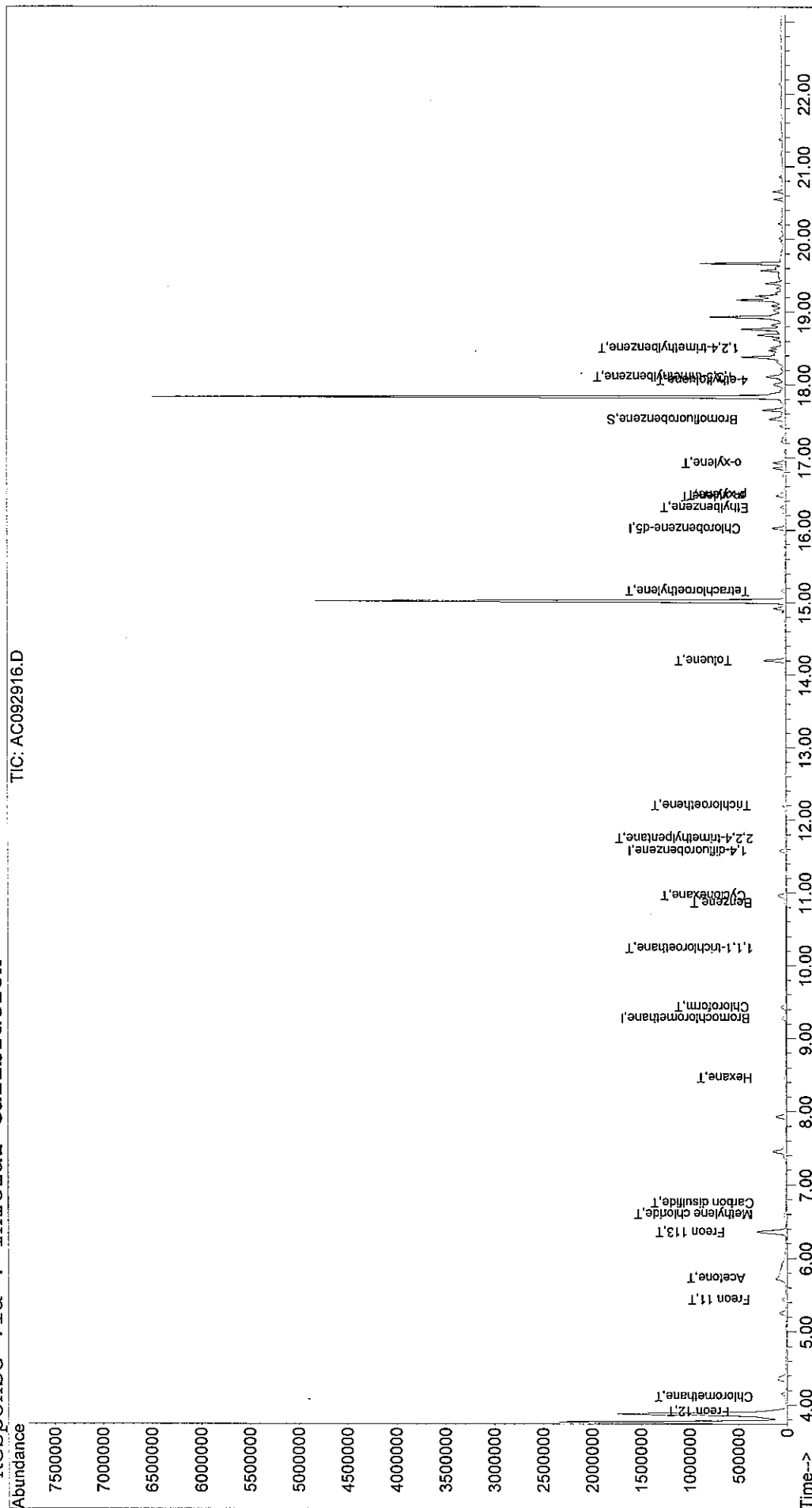
(#) = qualifier out of range (m) = manual integration (+) = signals summed
 AC092916.D A905_1UT.M Sun Oct 09 14:18:26 2005 MSA Page 1

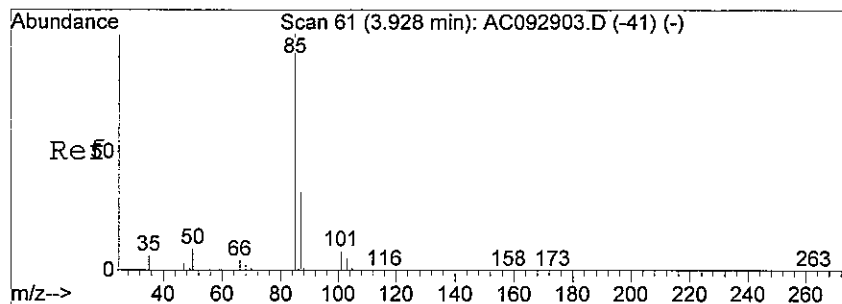
Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\AC092916.D
 Acq On : 29 Sep 2005 11:32 pm
 Sample : C0509018-008A
 Misc : C0509018-008A
 MS Integration Params: RTEINT.P
 Quant Time: Sep 30 7:57 2005

Vial: 4
 Operator: RJP
 Inst : MSD #1
 Multiplr: 1.00
 Quant Results File: A905_1UT.RES

Method : C:\MSDCHEM\1\METHODS\A905_1UT.M (RTE Integrator)
 Title : TO-15 VOA Standards for 5 point calibration
 Last Update : Sun Oct 09 14:17:27 2005
 Response via : Initial Calibration





#3

Freon 12

Concen: 0.86 ppb

RT: 3.92 min Scan# 59

Delta R.T. -0.01 min

Lab File: AC092916.D

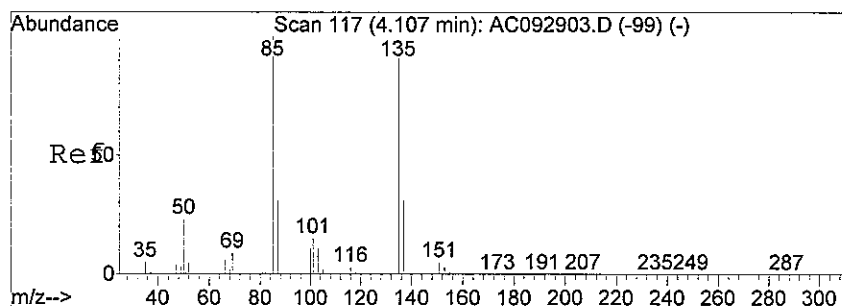
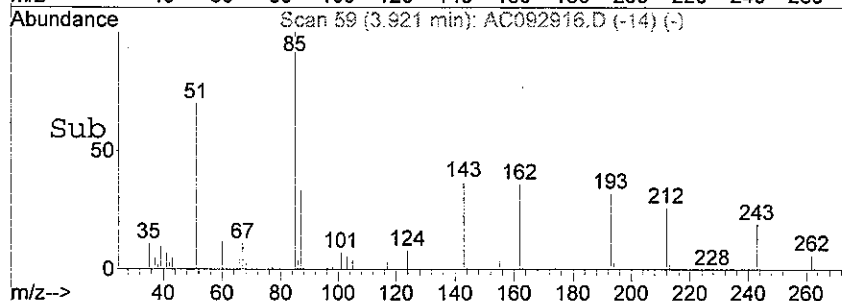
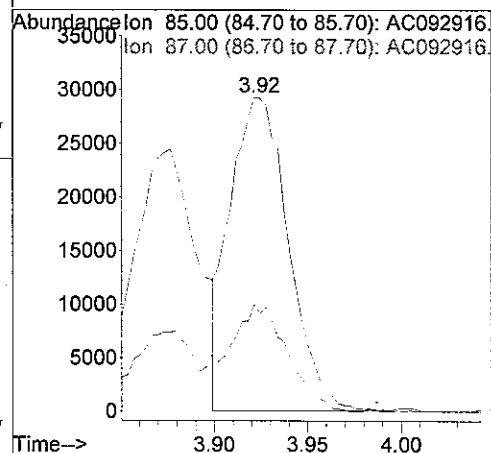
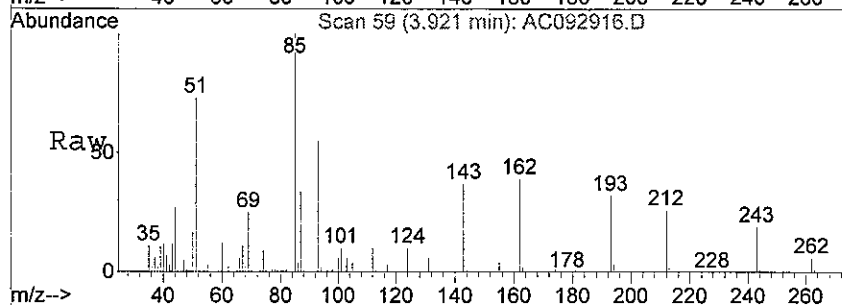
Acq: 29 Sep 2005 11:32 pm

Tgt Ion: 85 Resp: 64264

Ion Ratio Lower Upper

85 100

87 35.6 12.1 52.1



#4

Chloromethane

Concen: 0.64 ppb

RT: 4.11 min Scan# 117

Delta R.T. -0.01 min

Lab File: AC092916.D

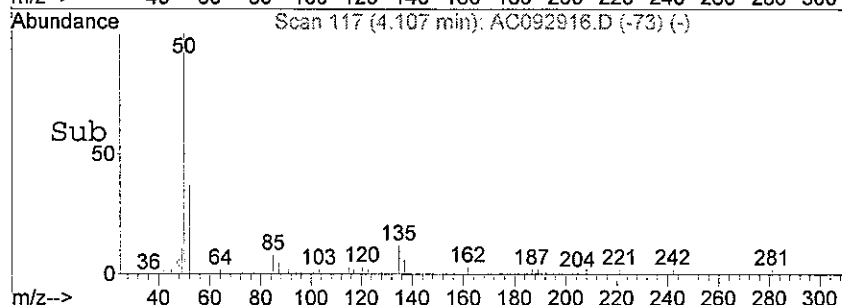
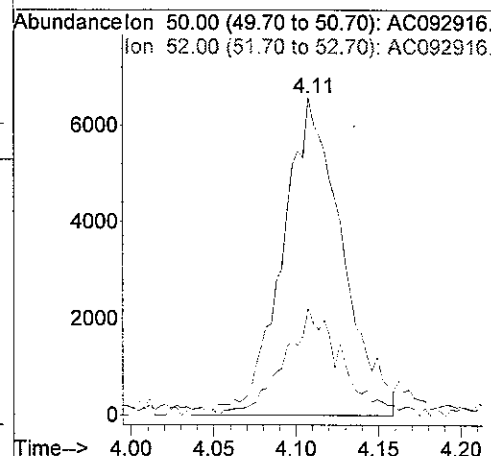
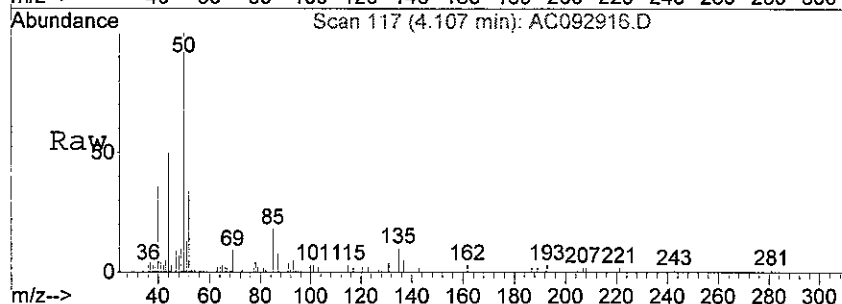
Acq: 29 Sep 2005 11:32 pm

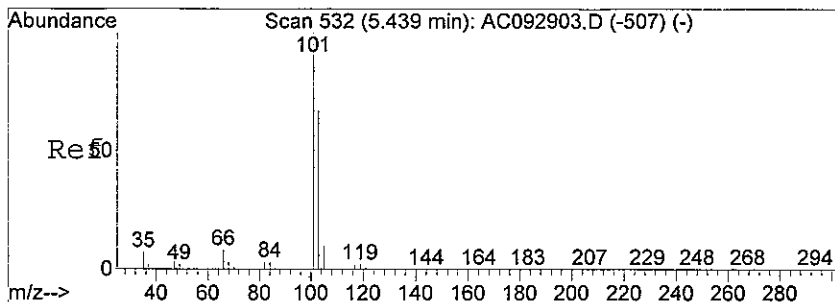
Tgt Ion: 50 Resp: 16553

Ion Ratio Lower Upper

50 100

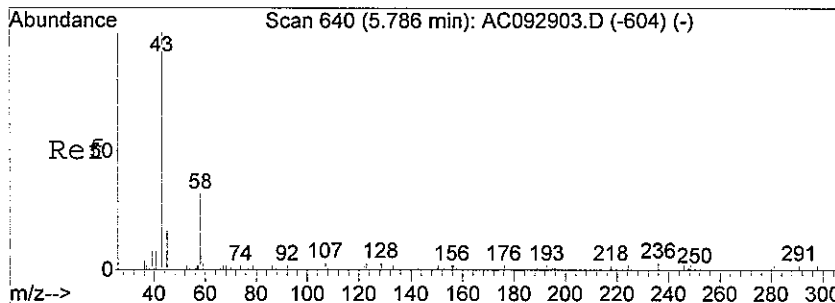
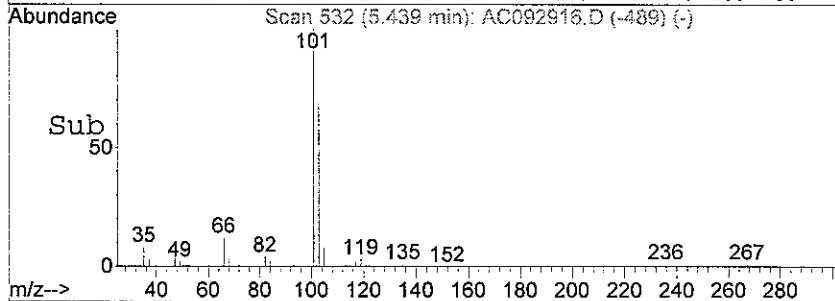
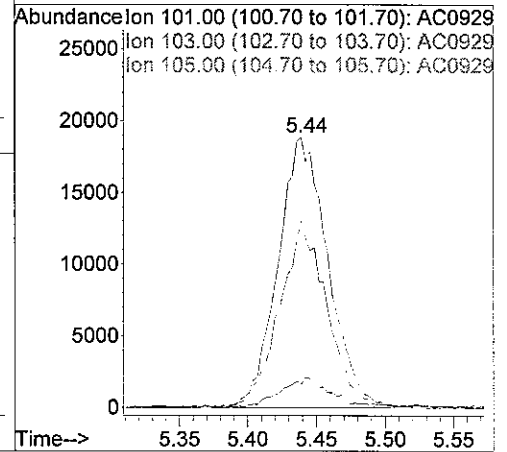
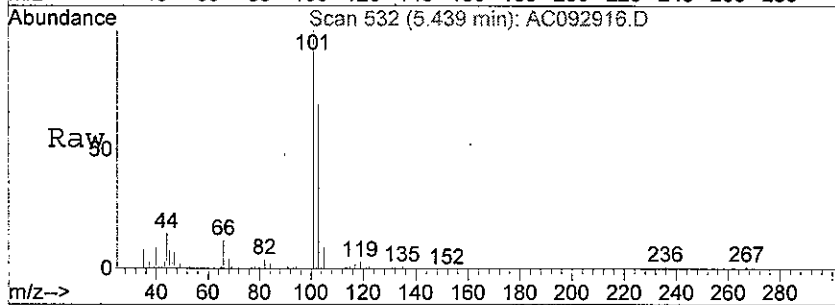
52 32.2 3.3 43.3





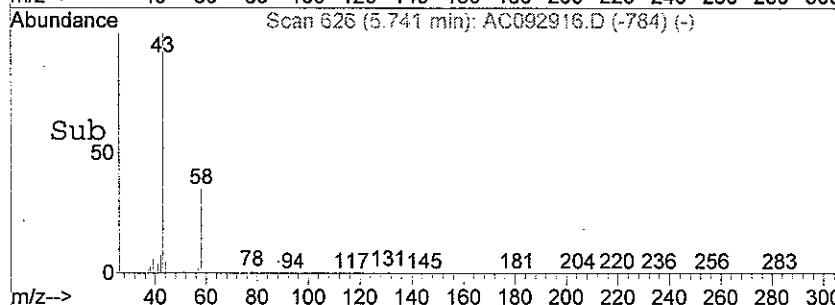
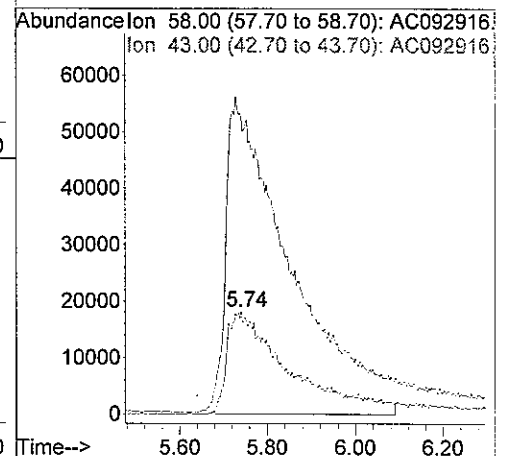
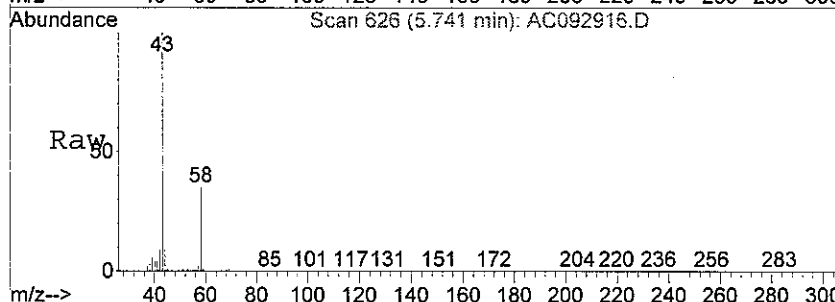
#11
Freon 11
Concen: 0.48 ppb
RT: 5.44 min Scan# 532
Delta R.T. -0.01 min
Lab File: AC092916.D
Acq: 29 Sep 2005 11:32 pm

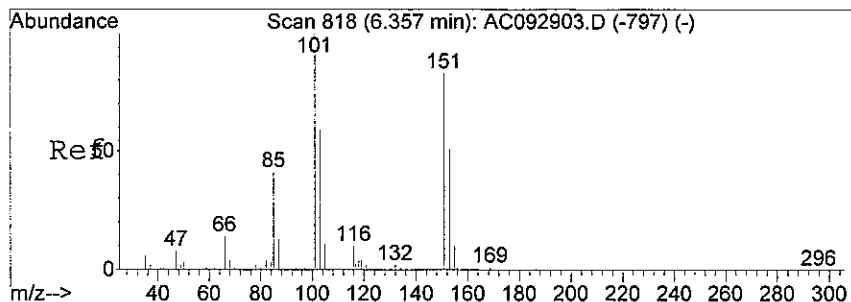
Tgt Ion: 101 Resp: 47535
Ion Ratio Lower Upper
101 100
103 65.1 43.4 83.4
105 10.9 0.0 30.9



#12
Acetone
Concen: 15.51 ppb m
RT: 5.74 min Scan# 626
Delta R.T. -0.66 min
Lab File: AC092916.D
Acq: 29 Sep 2005 11:32 pm

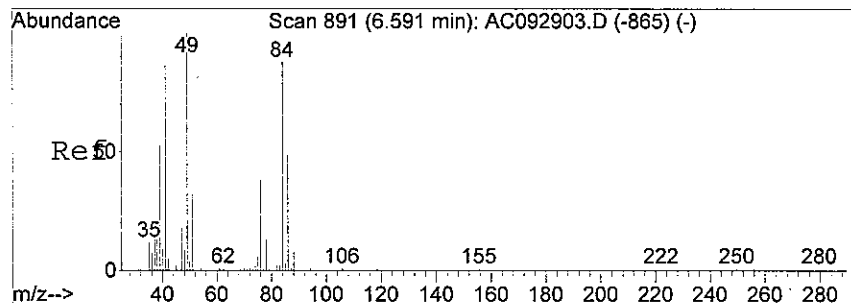
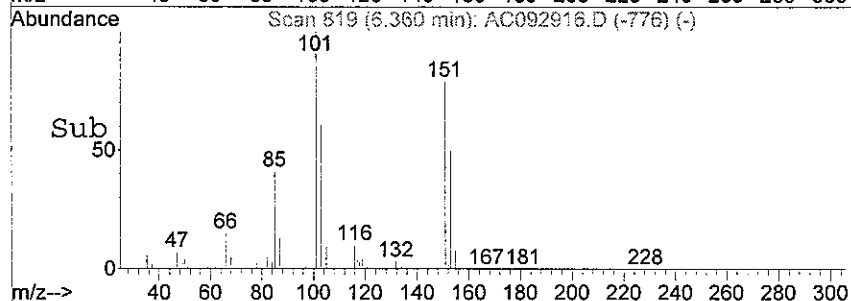
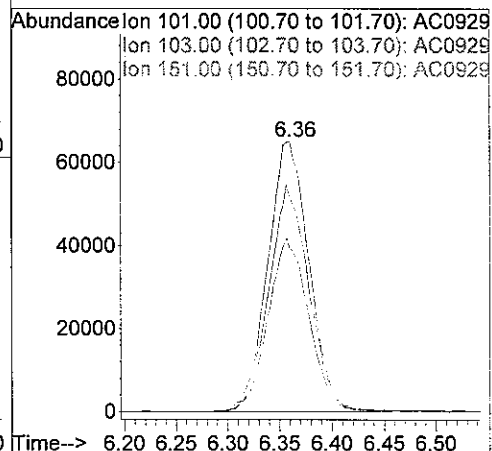
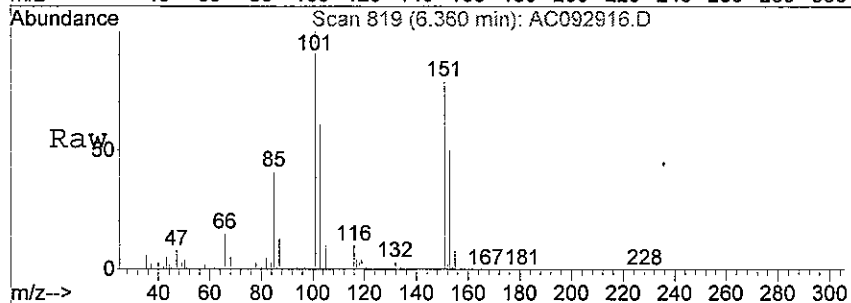
Tgt Ion: 58 Resp: 177273
Ion Ratio Lower Upper
58 100
43 0.0 0.0 30.0





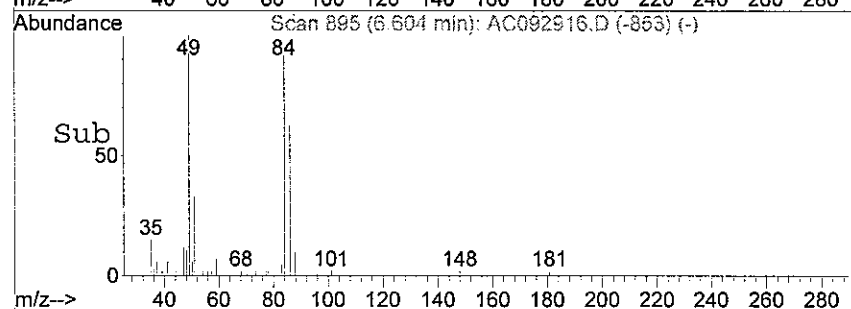
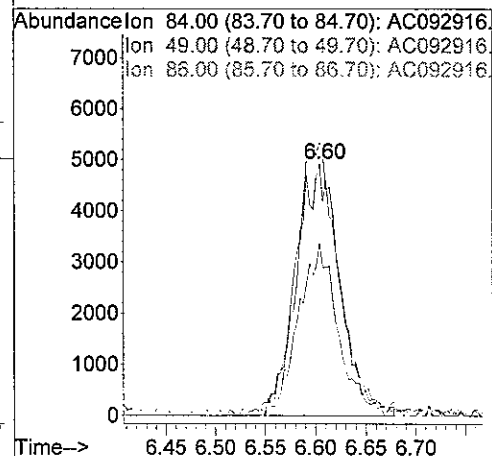
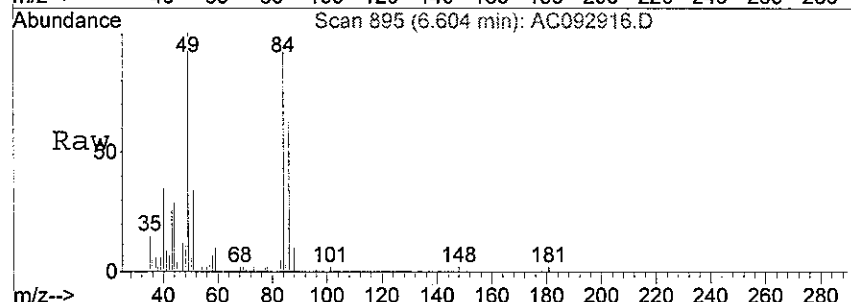
#15
Freon 113
Concen: 2.63 ppb
RT: 6.36 min Scan# 819
Delta R.T. -0.01 min
Lab File: AC092916.D
Acq: 29 Sep 2005 11:32 pm

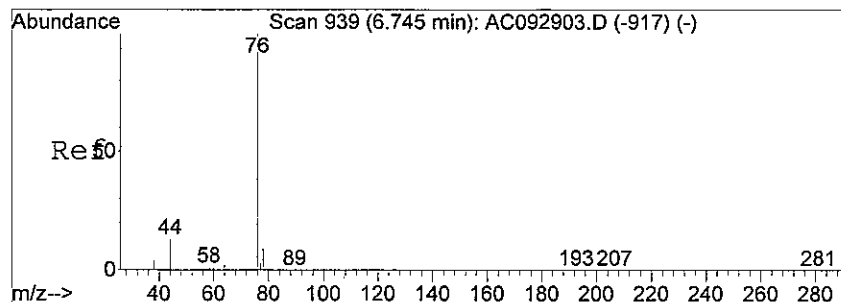
Tgt Ion	Ratio	Lower	Upper
101	100		
103	62.9	13.9	53.9#
151	80.4	66.6	106.6



#16
Methylene chloride
Concen: 0.57 ppb m
RT: 6.60 min Scan# 895
Delta R.T. -0.02 min
Lab File: AC092916.D
Acq: 29 Sep 2005 11:32 pm

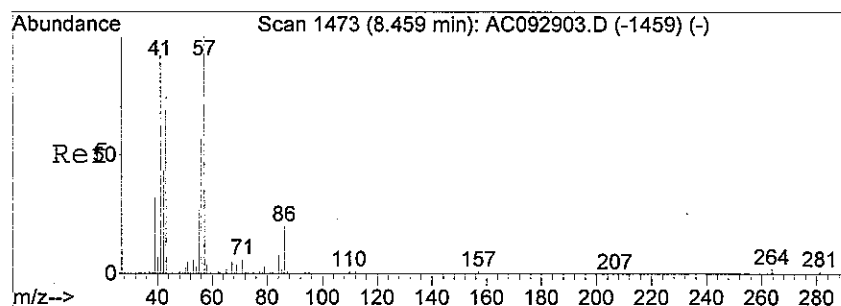
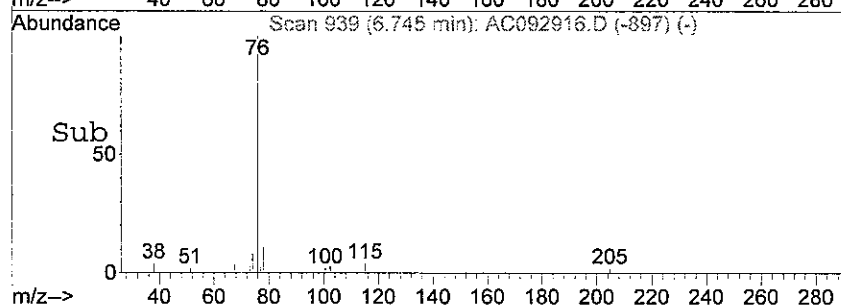
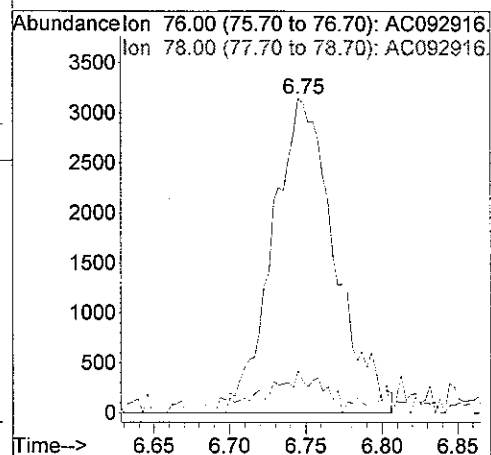
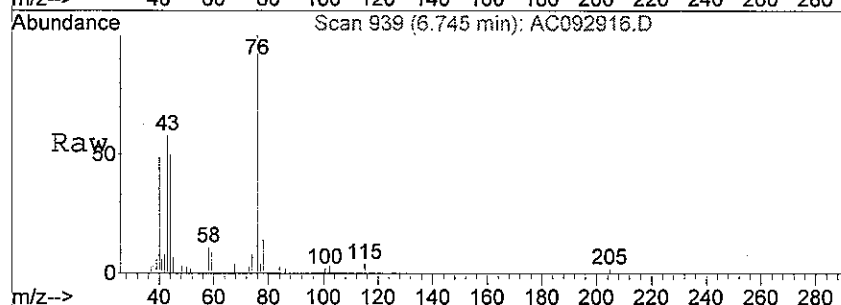
Tgt Ion	Ratio	Lower	Upper
84	100		
49	108.0	163.1	203.1#
86	62.3	48.2	88.2





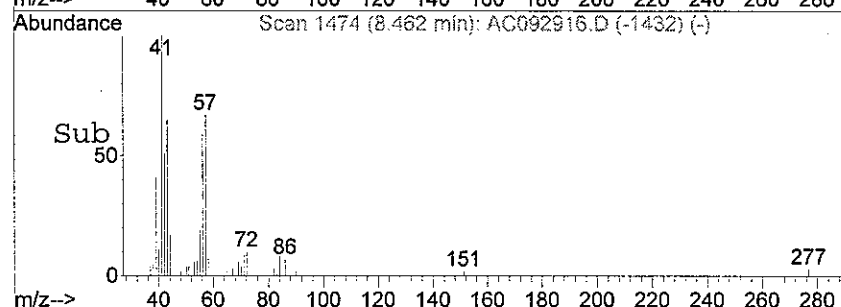
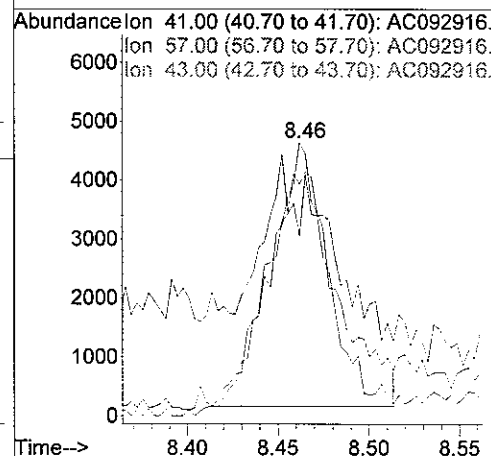
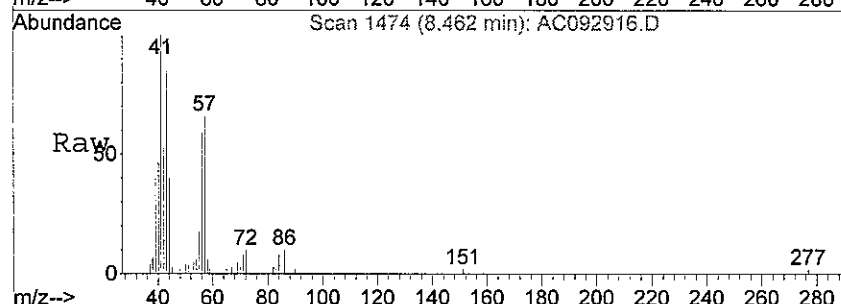
#18
Carbon disulfide
Concen: 0.09 ppb
RT: 6.75 min Scan# 939
Delta R.T. -0.02 min
Lab File: AC092916.D
Acq: 29 Sep 2005 11:32 pm

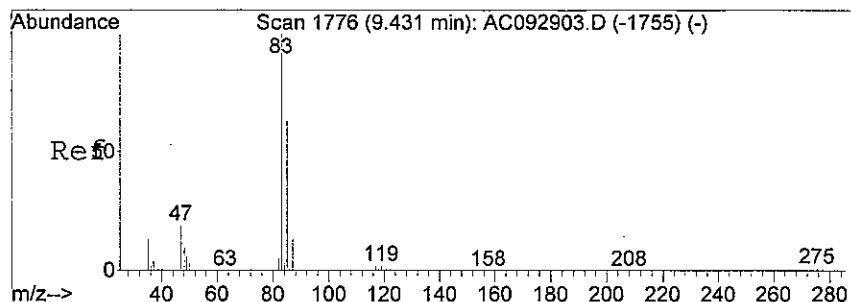
Tgt Ion: 76 Resp: 8919
Ion Ratio Lower Upper
76 100
78 0.7 0.0 30.2



#25
Hexane
Concen: 0.47 ppb
RT: 8.46 min Scan# 1474
Delta R.T. -0.02 min
Lab File: AC092916.D
Acq: 29 Sep 2005 11:32 pm

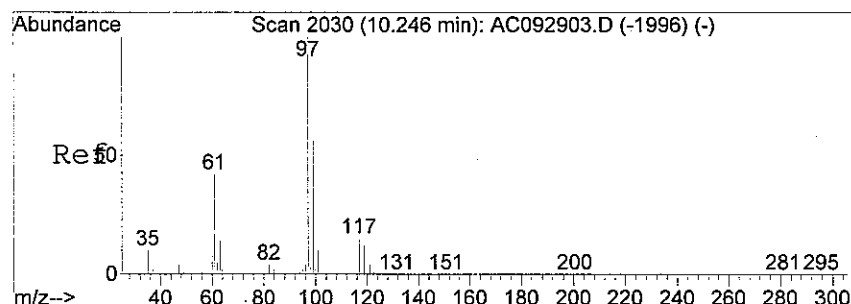
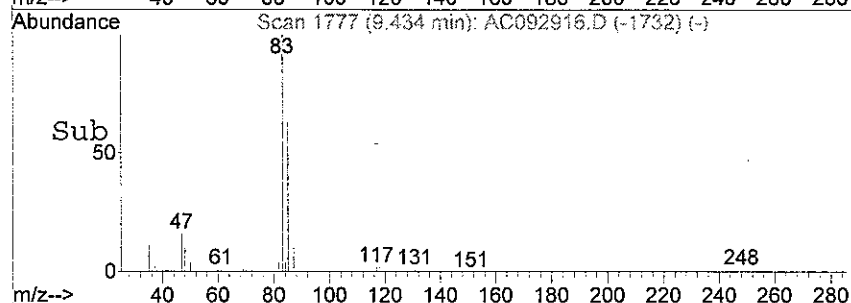
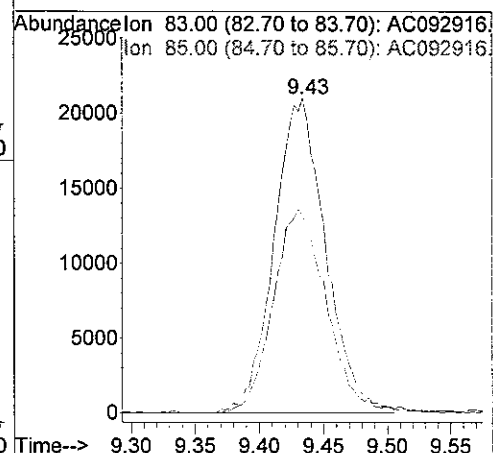
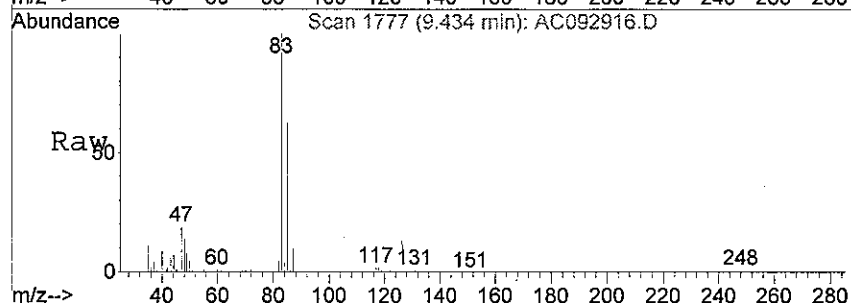
Tgt Ion: 41 Resp: 10921
Ion Ratio Lower Upper
41 100
57 90.4 102.6 142.6#
43 21.2 62.5 102.5#





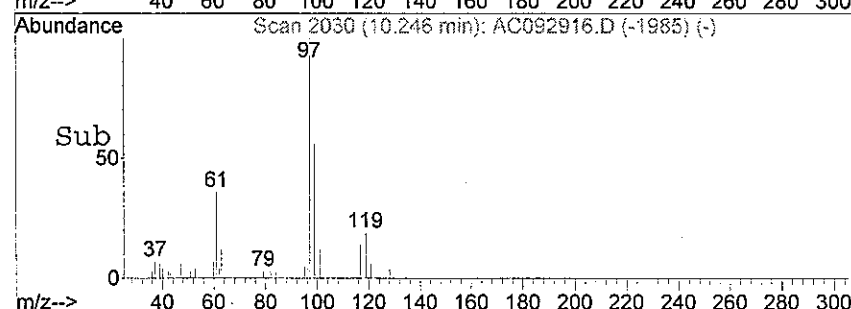
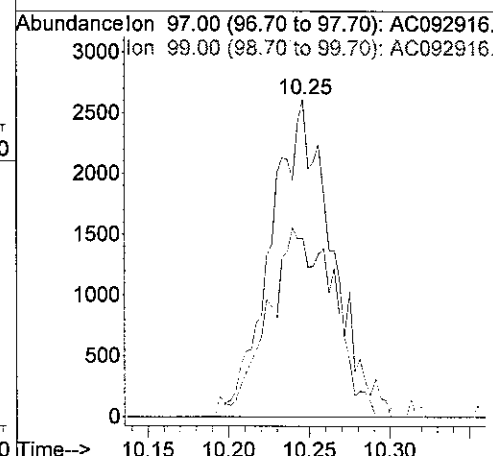
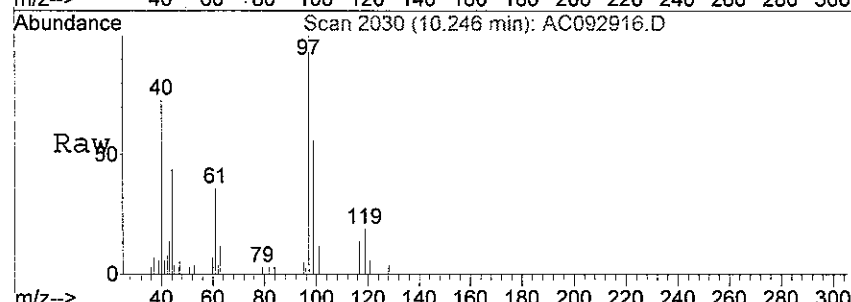
#27
Chloroform
Concen: 0.99 ppb
RT: 9.43 min Scan# 1777
Delta R.T. -0.01 min
Lab File: AC092916.D
Acq: 29 Sep 2005 11:32 pm

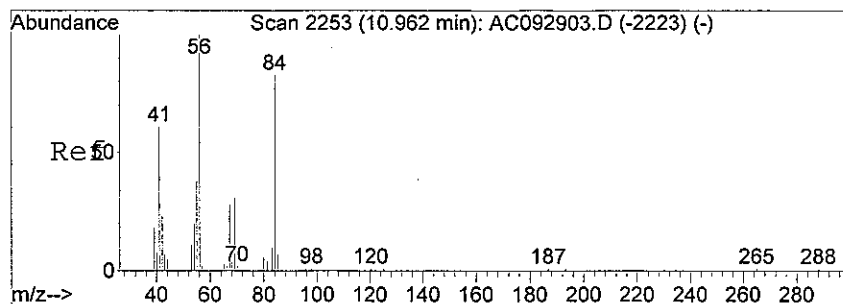
Tgt Ion: 83 Resp: 58409
Ion Ratio Lower Upper
83 100
85 66.6 46.2 86.2



#31
1,1,1-trichloroethane
Concen: 0.12 ppb
RT: 10.25 min Scan# 2030
Delta R.T. -0.01 min
Lab File: AC092916.D
Acq: 29 Sep 2005 11:32 pm

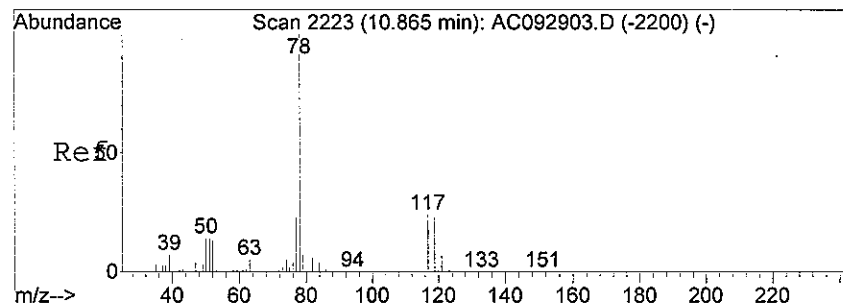
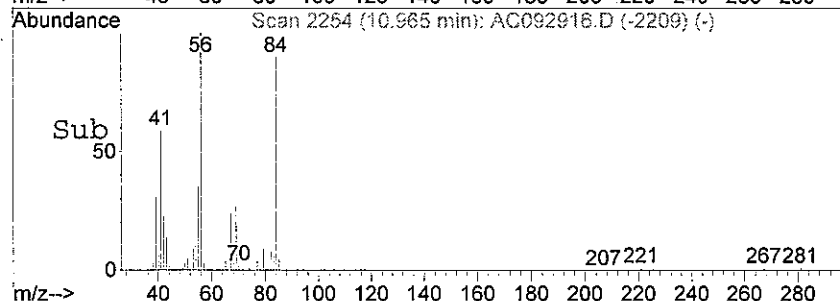
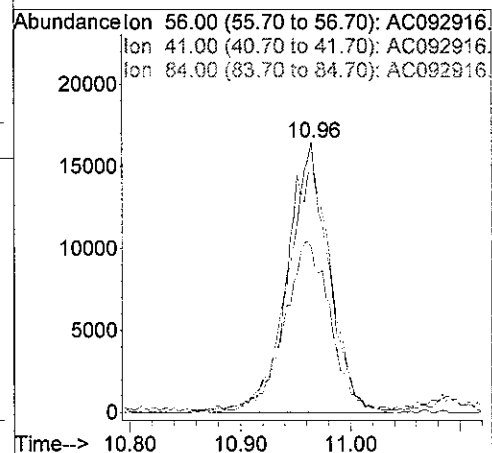
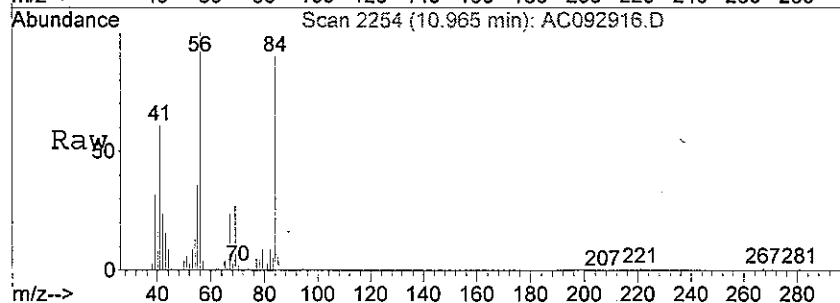
Tgt Ion: 97 Resp: 6776
Ion Ratio Lower Upper
97 100
99 42.8 44.7 84.7#





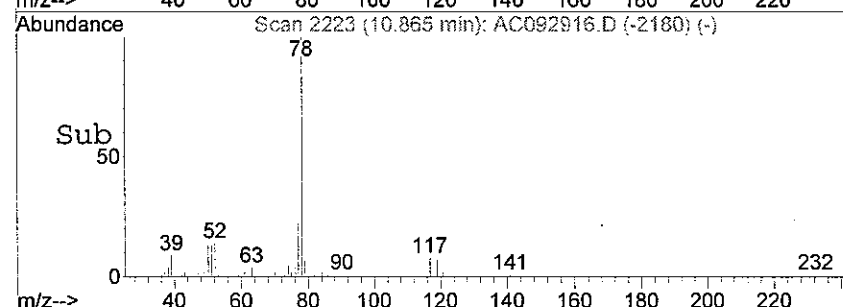
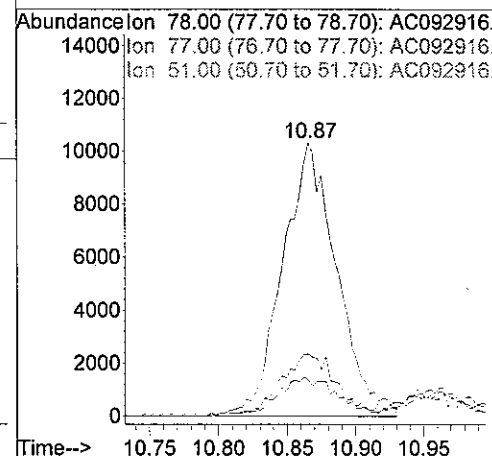
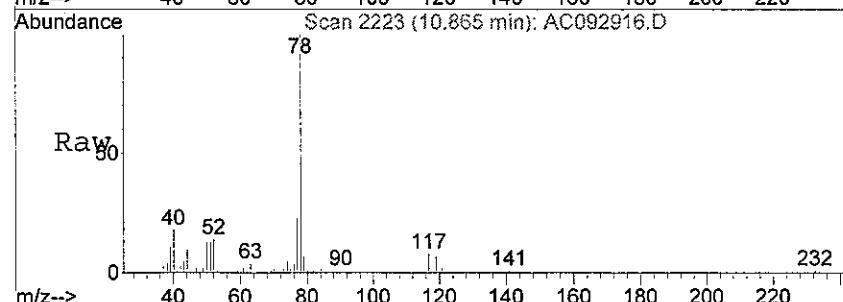
#32
Cyclohexane
Concen: 1.64 ppb
RT: 10.96 min Scan# 2254
Delta R.T. -0.01 min
Lab File: AC092916.D
Acq: 29 Sep 2005 11:32 pm

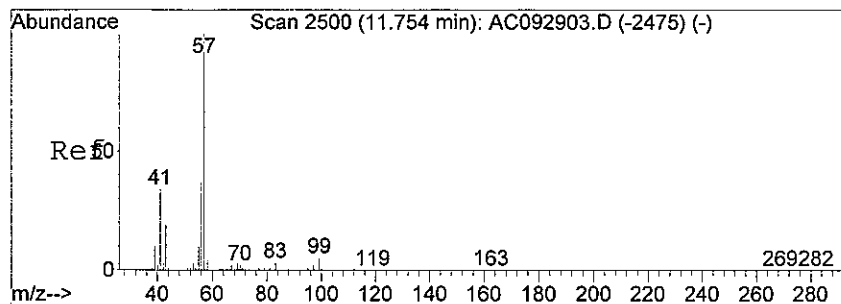
Tgt Ion	Ratio	Lower	Upper
56	100		
41	66.5	34.9	74.9
84	90.8	49.8	89.8#



#34
Benzene
Concen: 0.40 ppb
RT: 10.87 min Scan# 2223
Delta R.T. -0.01 min
Lab File: AC092916.D
Acq: 29 Sep 2005 11:32 pm

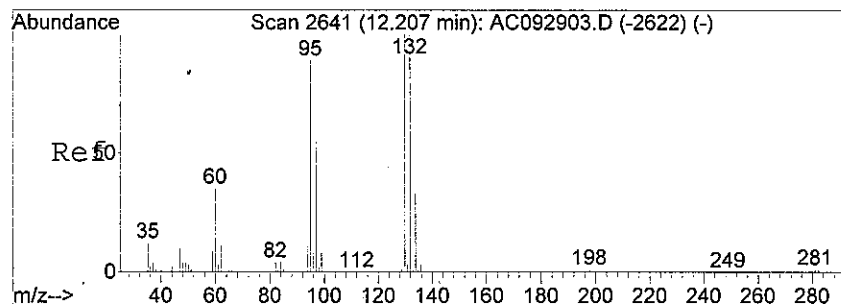
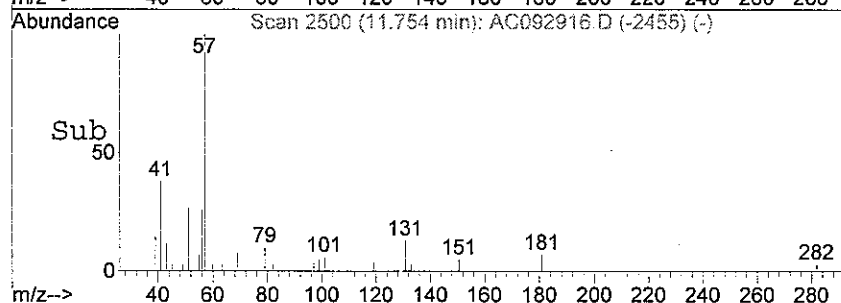
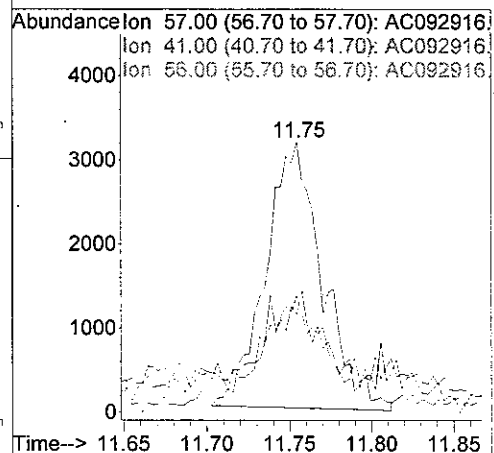
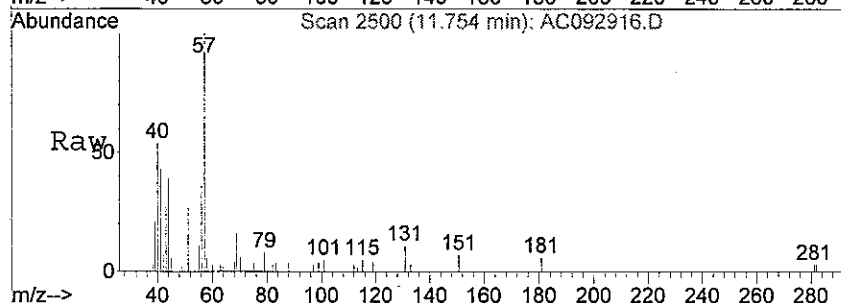
Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	3.1	43.1
51	7.9	5.7	45.7





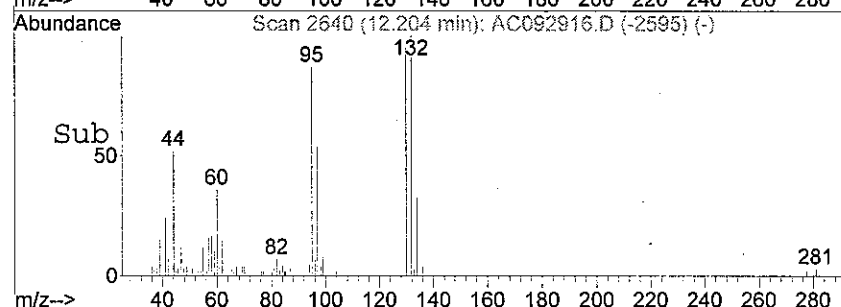
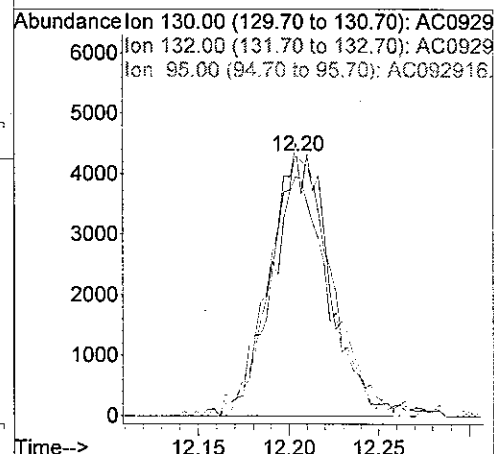
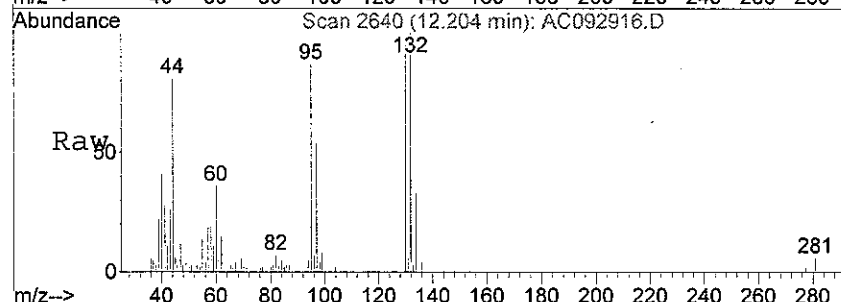
#36
 2,2,4-trimethylpentane
 Concen: 0.09 ppb
 RT: 11.75 min Scan# 2500
 Delta R.T. -0.01 min
 Lab File: AC092916.D
 Acq: 29 Sep 2005 11:32 pm

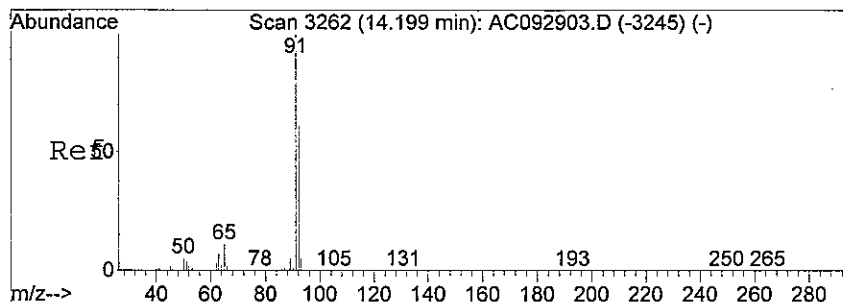
Tgt Ion	Ratio	Lower	Upper
57	100		
41	32.5	10.5	50.5
56	24.3	11.1	51.1



#38
 Trichloroethene
 Concen: 0.24 ppb
 RT: 12.20 min Scan# 2640
 Delta R.T. -0.01 min
 Lab File: AC092916.D
 Acq: 29 Sep 2005 11:32 pm

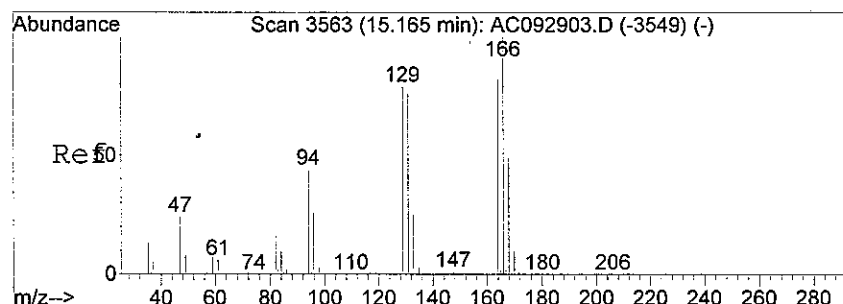
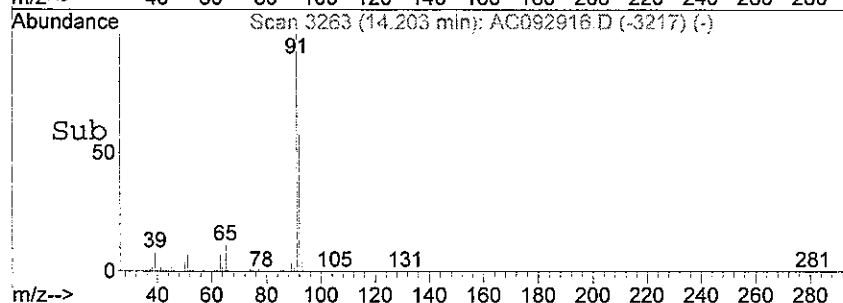
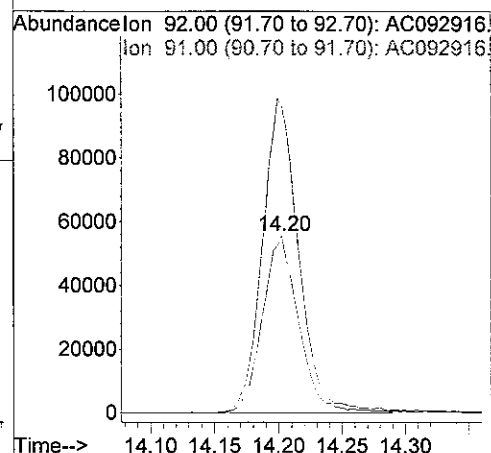
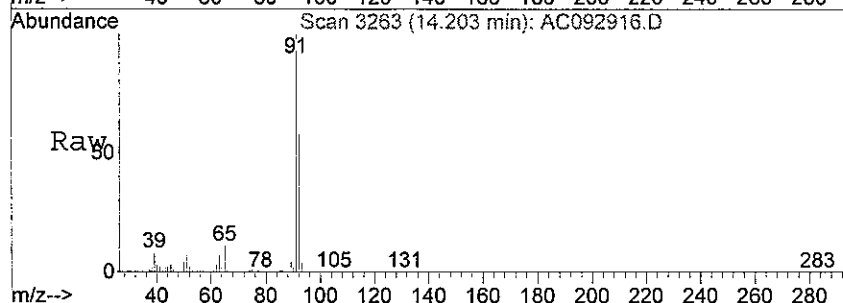
Tgt Ion	Ratio	Lower	Upper
130	100		
132	100.9	76.8	116.8
95	87.6	89.8	129.8#





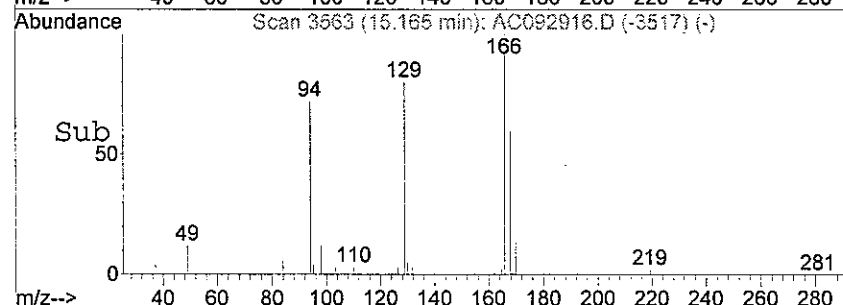
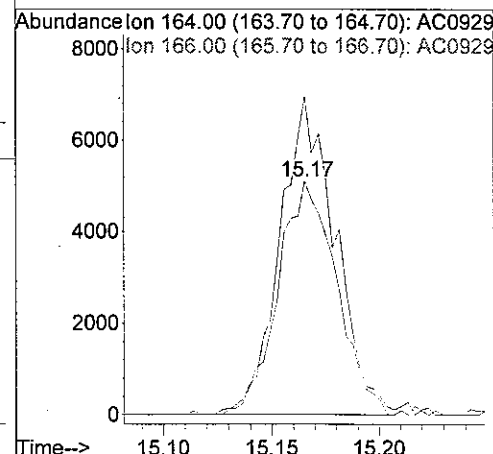
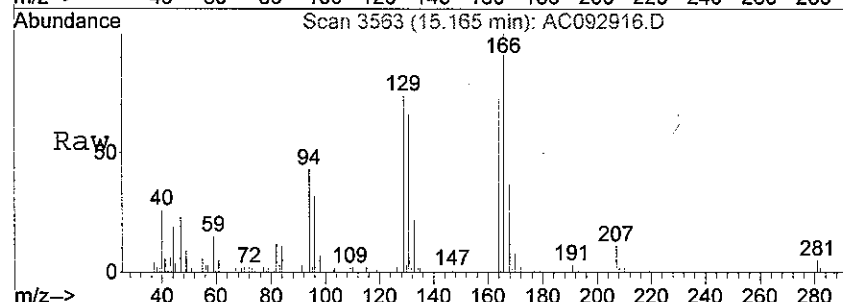
#45
Toluene
Concen: 1.87 ppb
RT: 14.20 min Scan# 3263
Delta R.T. -0.00 min
Lab File: AC092916.D
Acq: 29 Sep 2005 11:32 pm

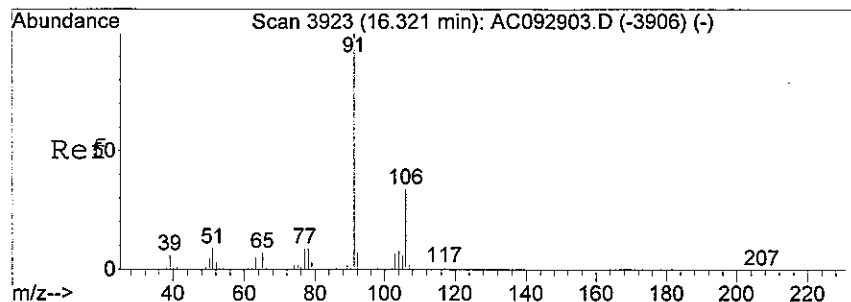
Tgt Ion: 92 Resp: 109644
Ion Ratio Lower Upper
92 100
91 176.2 151.0 191.0



#50
Tetrachloroethylene
Concen: 0.20 ppb
RT: 15.17 min Scan# 3563
Delta R.T. -0.00 min
Lab File: AC092916.D
Acq: 29 Sep 2005 11:32 pm

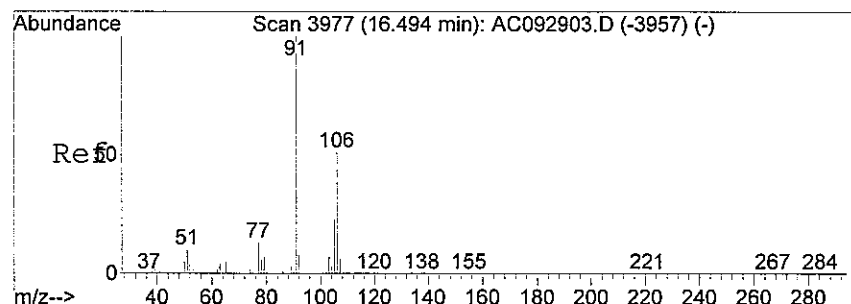
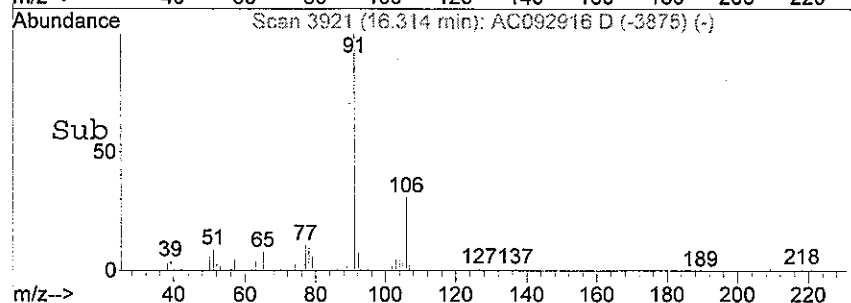
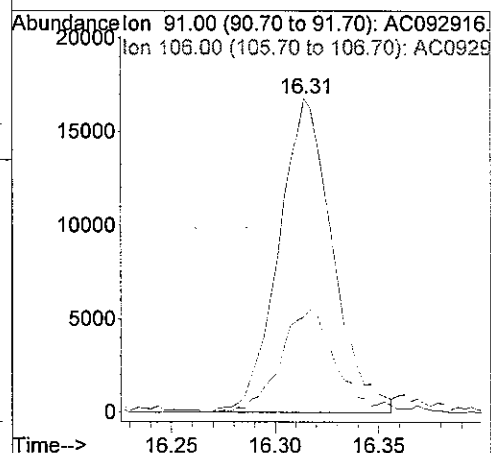
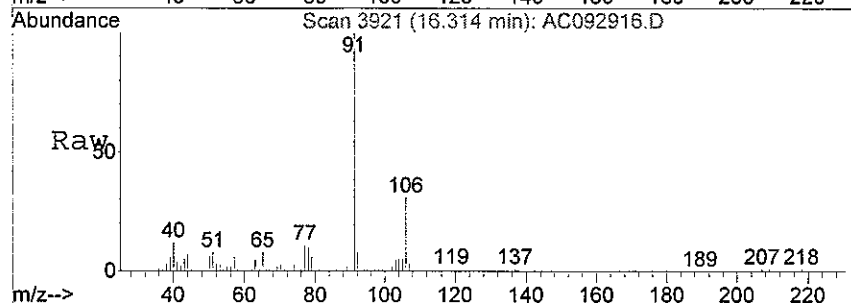
Tgt Ion: 164 Resp: 9634
Ion Ratio Lower Upper
164 100
166 128.4 106.8 146.8





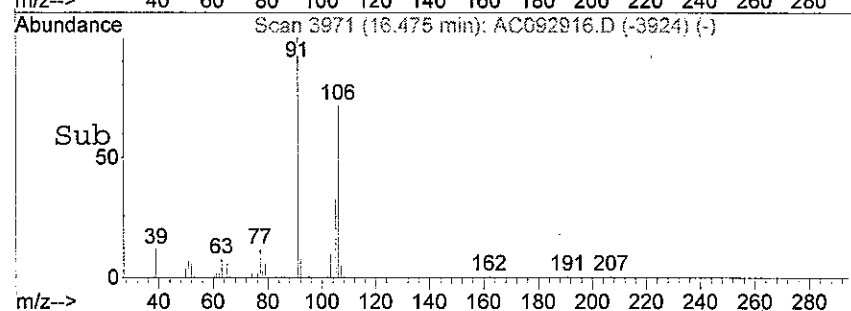
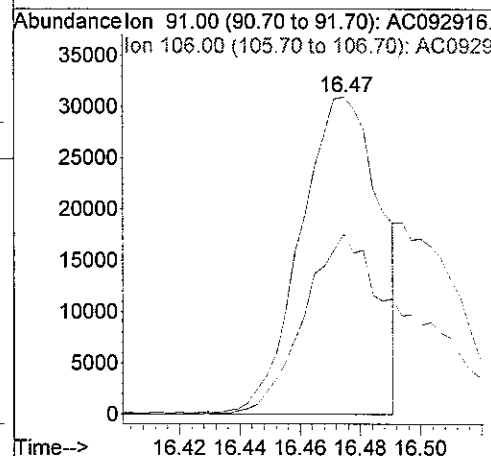
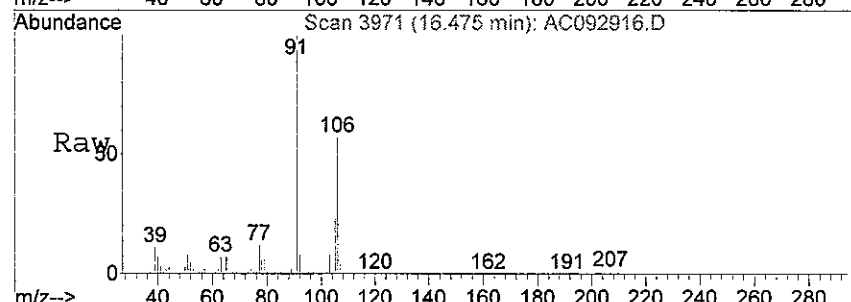
#52
Ethylbenzene
Concen: 0.29 ppb
RT: 16.31 min Scan# 3921
Delta R.T. -0.00 min
Lab File: AC092916.D
Acq: 29 Sep 2005 11:32 pm

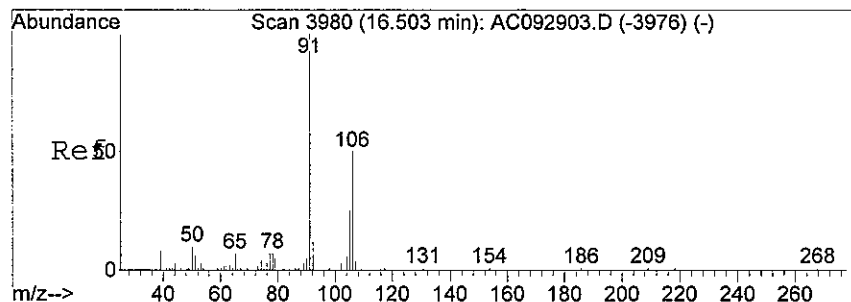
Tgt Ion: 91 Resp: 30478
Ion Ratio Lower Upper
91 100
106 32.8 10.2 50.2



#53
m-xylene
Concen: 0.65 ppb m
RT: 16.47 min Scan# 3971
Delta R.T. 0.00 min
Lab File: AC092916.D
Acq: 29 Sep 2005 11:32 pm

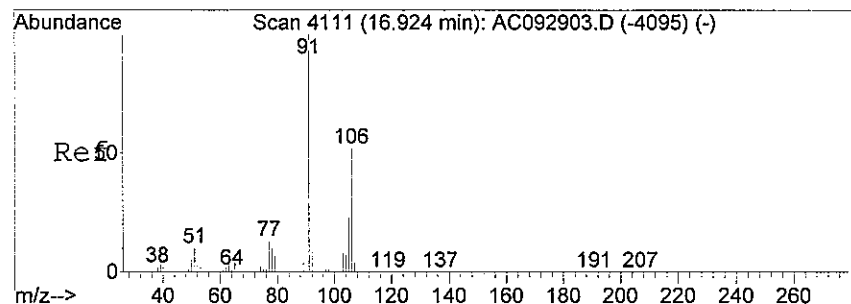
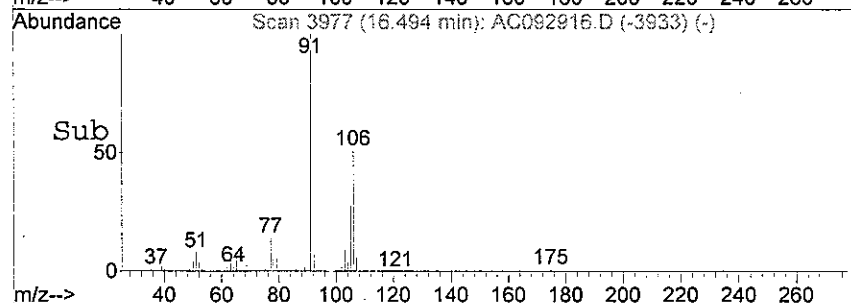
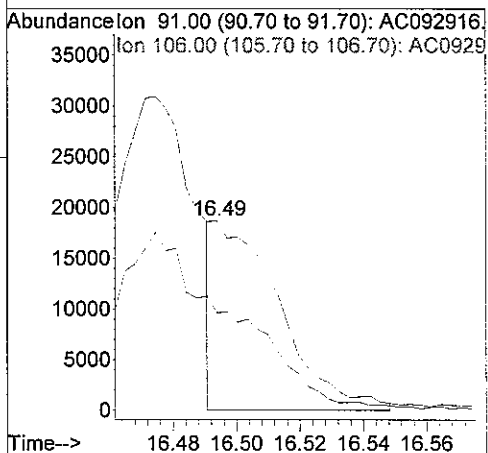
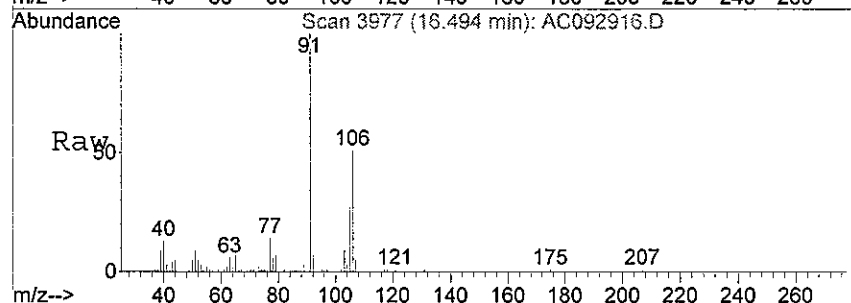
Tgt Ion: 91 Resp: 56111
Ion Ratio Lower Upper
91 100
106 80.3 31.7 71.7#





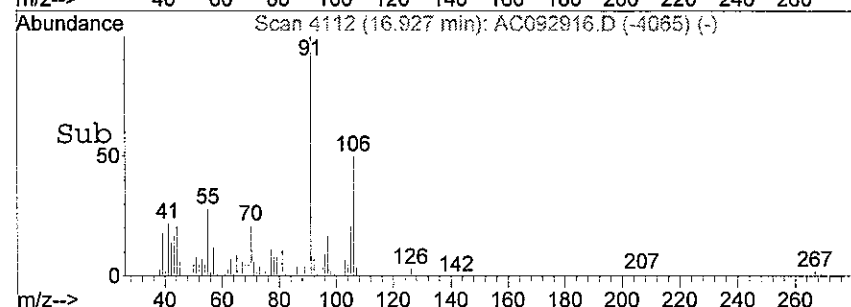
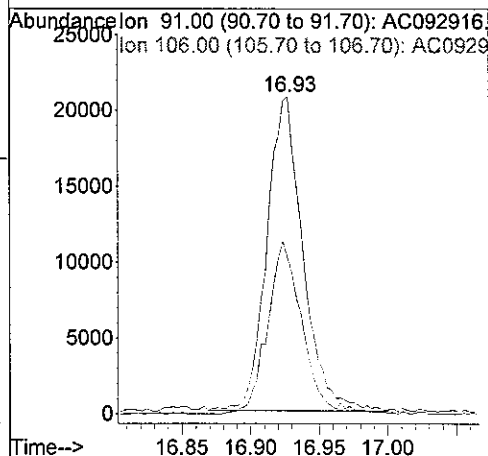
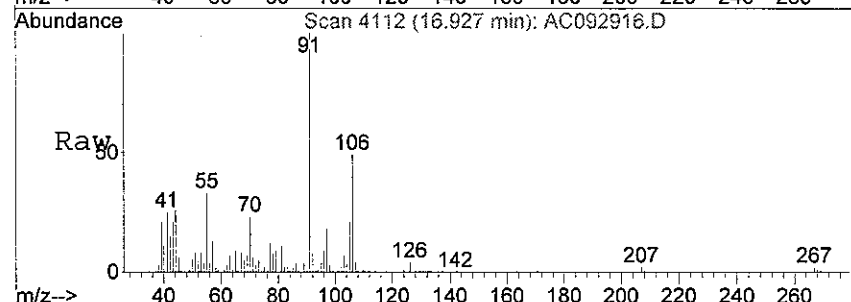
#54
p-xylene
Concen: 0.28 ppb m
RT: 16.49 min Scan# 3977
Delta R.T. -0.01 min
Lab File: AC092916.D
Acq: 29 Sep 2005 11:32 pm

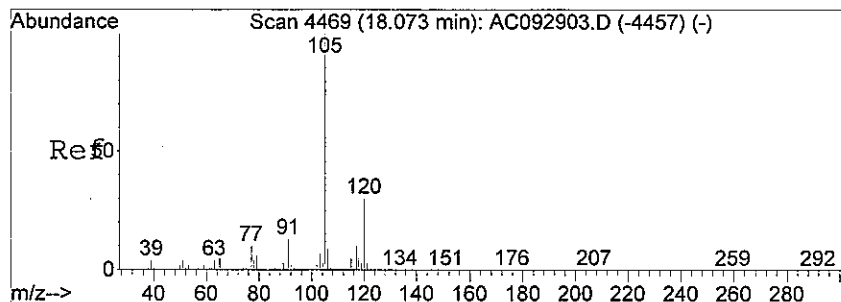
Tgt Ion: 91 Resp: 27066
Ion Ratio Lower Upper
91 100
106 166.5 22.7 62.7#



#57
o-xylene
Concen: 0.36 ppb
RT: 16.93 min Scan# 4112
Delta R.T. 0.00 min
Lab File: AC092916.D
Acq: 29 Sep 2005 11:32 pm

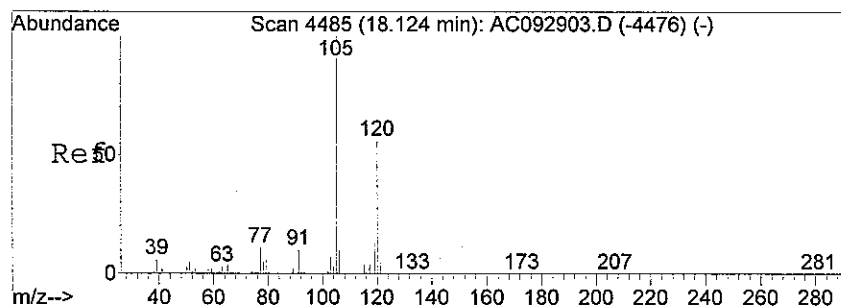
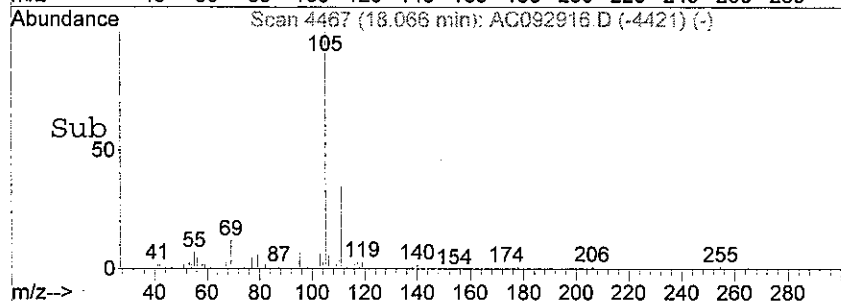
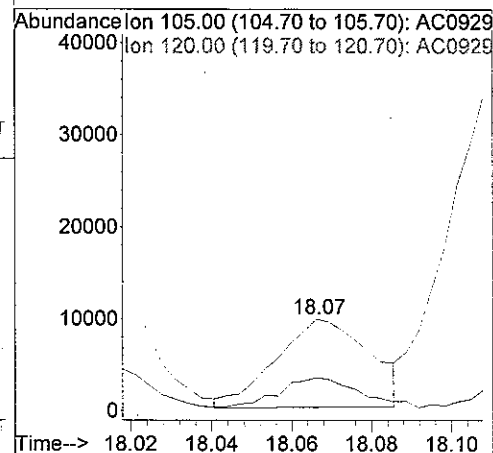
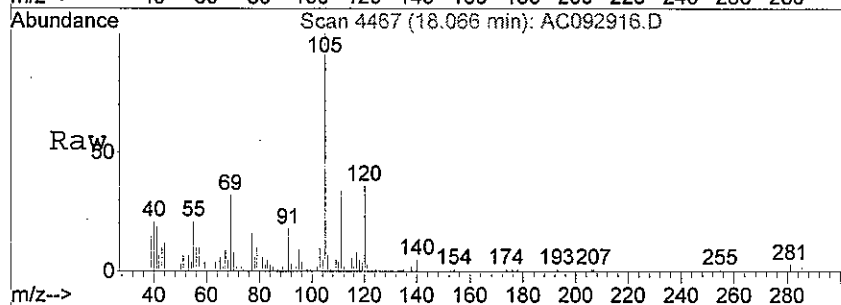
Tgt Ion: 91 Resp: 37855
Ion Ratio Lower Upper
91 100
106 51.4 23.8 63.8





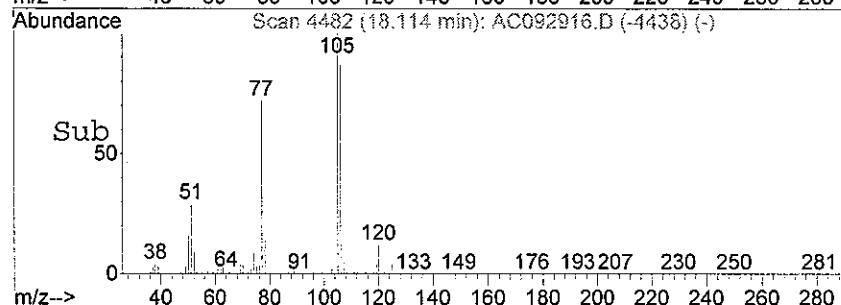
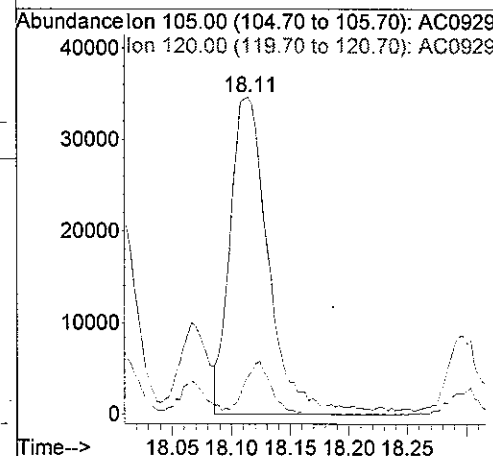
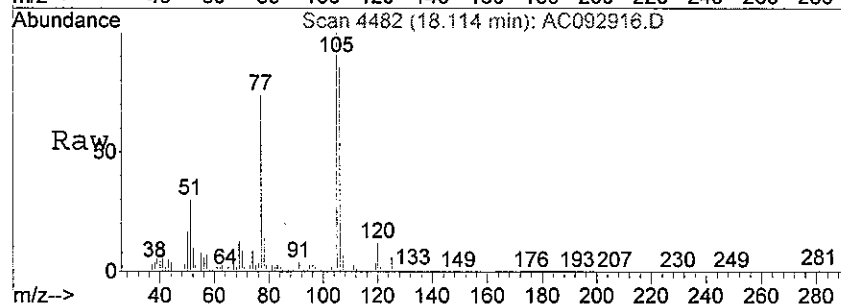
#60
4-ethyltoluene
Concen: 0.22 ppb
RT: 18.07 min Scan# 4467
Delta R.T. -0.00 min
Lab File: AC092916.D
Acq: 29 Sep 2005 11:32 pm

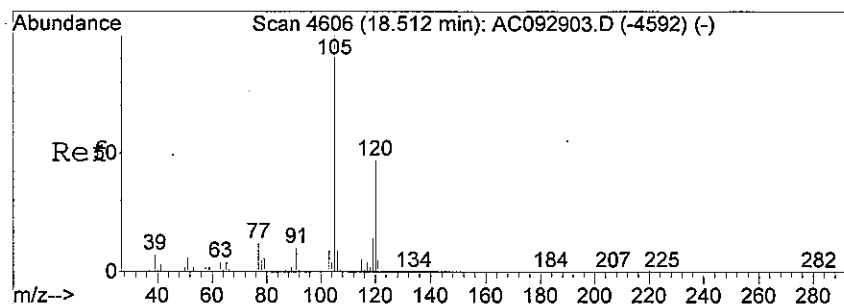
Tgt Ion:105 Resp: 15589
Ion Ratio Lower Upper
105 100
120 35.9 8.6 48.6



#61
1,3,5-trimethylbenzene
Concen: 0.81 ppb m
RT: 18.11 min Scan# 4482
Delta R.T. -0.01 min
Lab File: AC092916.D
Acq: 29 Sep 2005 11:32 pm

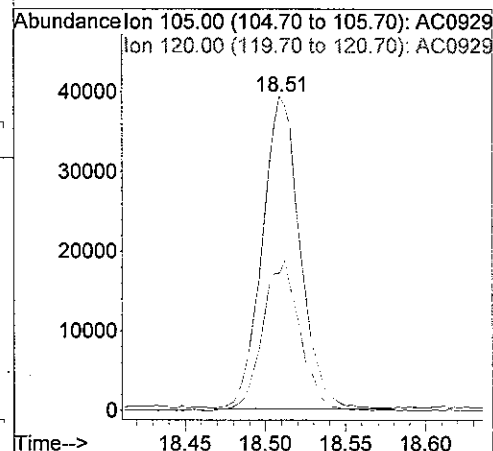
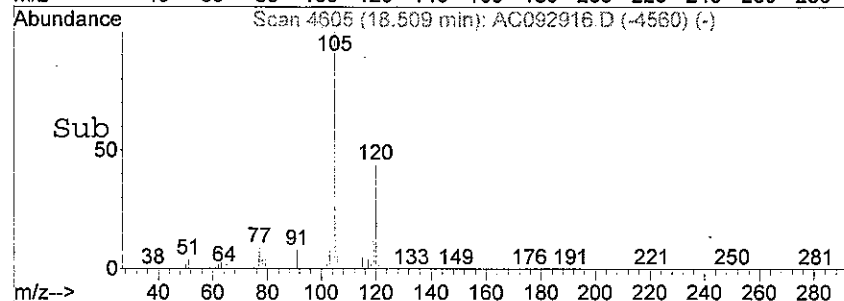
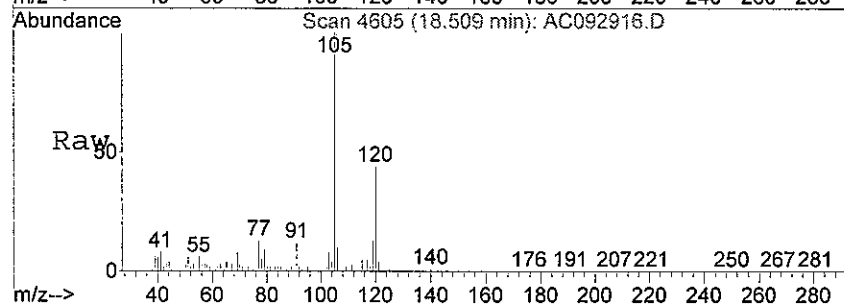
Tgt Ion:105 Resp: 79590
Ion Ratio Lower Upper
105 100
120 6.3 21.5 61.5#





#62
 1,2,4-trimethylbenzene
 Concen: 0.77 ppb
 RT: 18.51 min Scan# 4605
 Delta R.T. -0.01 min
 Lab File: AC092916.D
 Acq: 29 Sep 2005 11:32 pm

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.5	20.9	60.9



Data File : C:\MSDCHEM\1\DATA\AC092923.D

Vial: 11

Acq On : 30 Sep 2005 3:47 am

Operator: RJP

Sample : C0509018-008A 5x

Inst : MSD #1

Misc : C0509018-008A

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Sep 30 04:10:47 2005

Quant Results File: A905_1UT.RES

Quant Method : C:\MSDCHEM\1\METHODS\A905_1UT.M (RTE Integrator)

Title : TO-15 VOA Standards for 5 point calibration

Last Update : Tue Sep 06 13:55:05 2005

Response via : Initial Calibration

DataAcq Meth : A905_1UT

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	9.27	128	18709	1.00	ppb	0.00
30) 1,4-difluorobenzene	11.57	114	56635	1.00	ppb	-0.02
44) Chlorobenzene-d5	16.03	117	63035	1.00	ppb	0.00

System Monitoring Compounds

58) Bromofluorobenzene	17.53	95	29773	0.93	ppb	0.00
Spiked Amount	1.000	Range	70 - 130	Recovery	=	93.00%

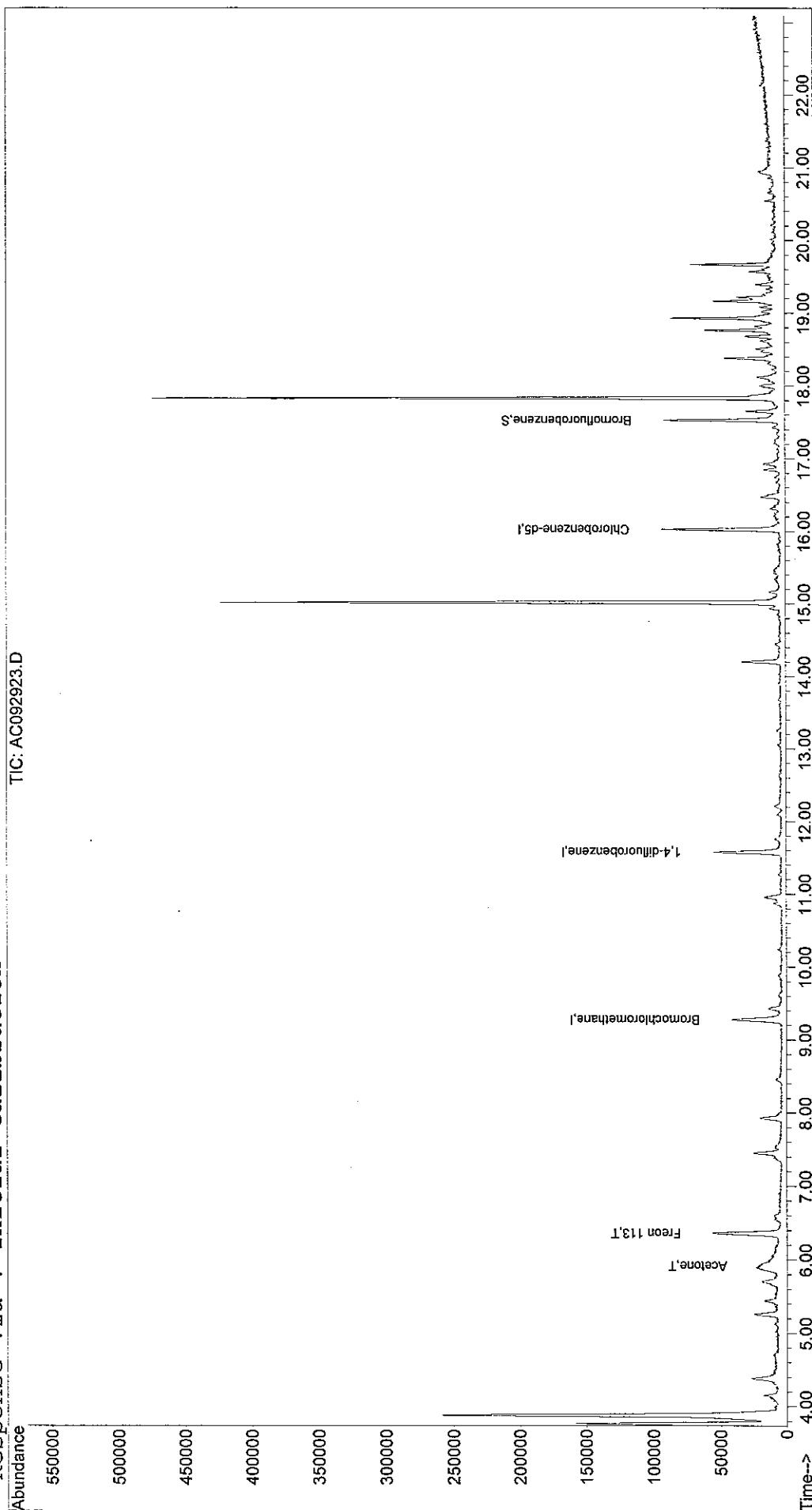
Target Compounds

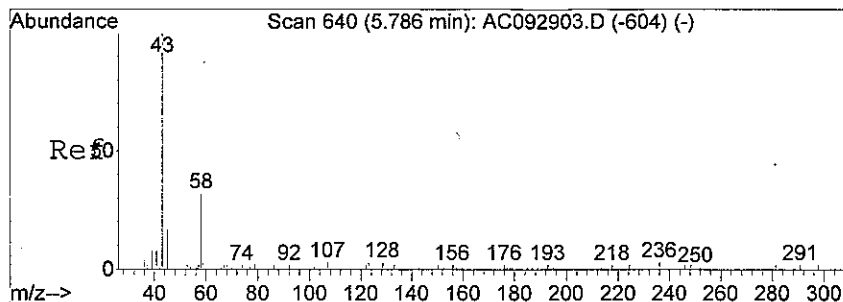
12) Acetone	5.92	58	19436m	2.09	ppb	Qvalue
15) Freon 113	6.35	101	29811	0.53	ppb	# 83

Data File : C:\MSDCHEM\1\DATA\AC092923.D
Acq On : 30 Sep 2005 3:47 am
Sample : C0509018-008A 5x
Misc : C0509018-008A
MS Integration Params: RTEINT.P
Quant Time: Sep 30 8:34 2005
Quant Results File: A905_1UT.RES

Vial: 11
Operator: RJP
Inst : MSD #1
Multiplr: 1.00

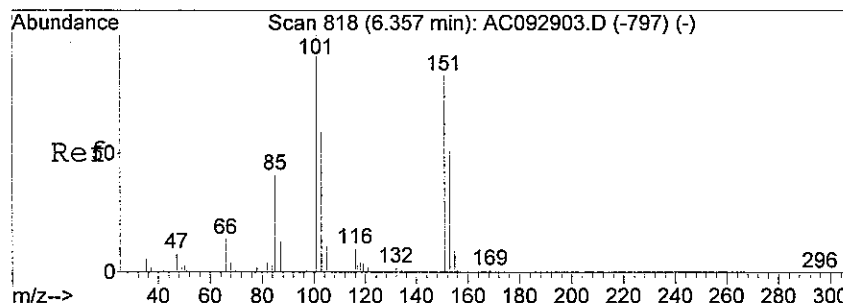
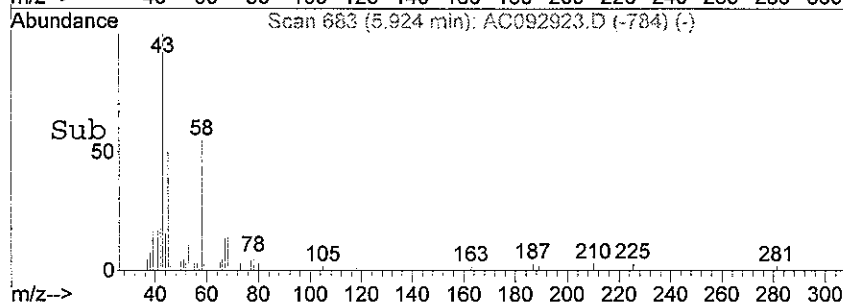
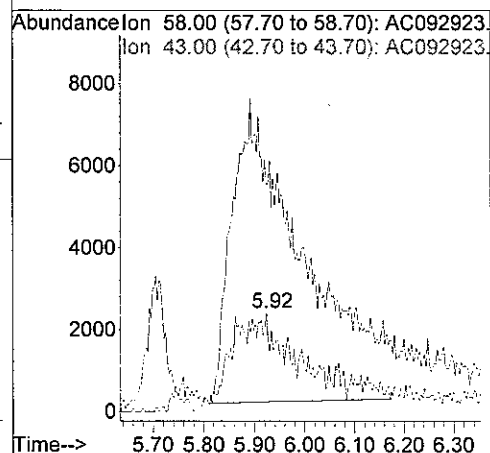
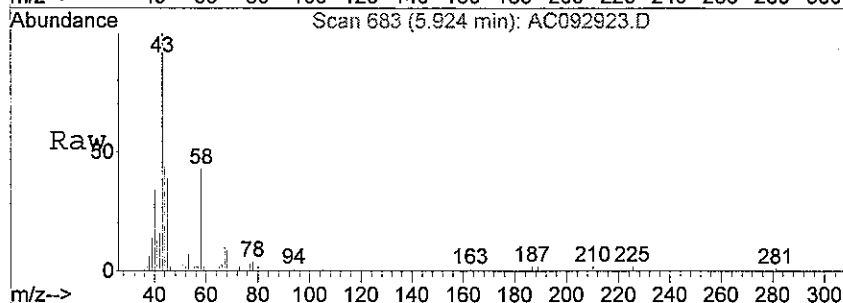
Method : C:\MSDCHEM\1\METHODS\A905_1UT.M (RTE Integrator)
Title : TO-15 VOA Standards for 5 point calibration
Last Update : Sun Oct 09 14:17:27 2005
Response via : Initial Calibration





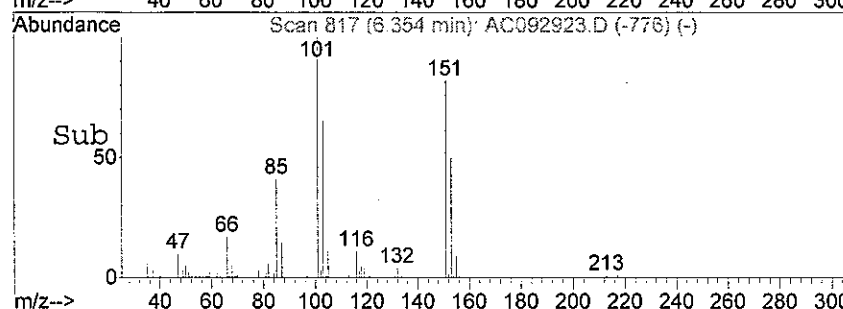
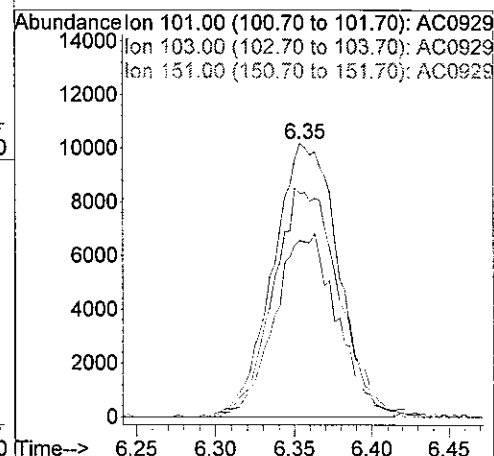
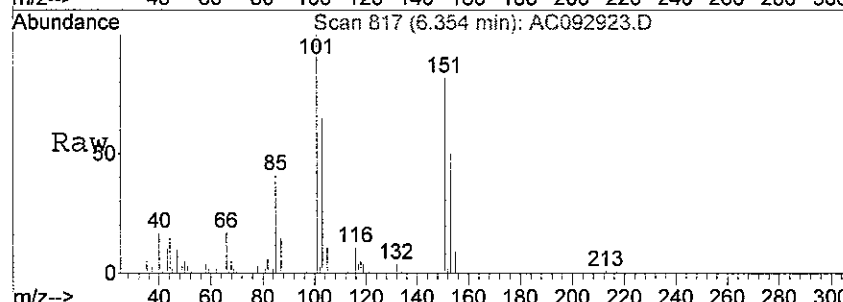
#12
Acetone
Concen: 2.09 ppb m
RT: 5.92 min Scan# 683
Delta R.T. -0.47 min
Lab File: AC092923.D
Acq: 30 Sep 2005 3:47 am

Tgt Ion: 58 Resp: 19436
Ion Ratio Lower Upper
58 100
43 0.5 0.0 30.0



#15
Freon 113
Concen: 0.53 ppb
RT: 6.35 min Scan# 817
Delta R.T. -0.02 min
Lab File: AC092923.D
Acq: 30 Sep 2005 3:47 am

Tgt Ion: 101 Resp: 29811
Ion Ratio Lower Upper
101 100
103 63.7 13.9 53.9#
151 83.2 66.6 106.6



Centek Laboratories, LLC

Date: 09-Oct-05

CLIENT: ESC Environmental
 Lab Order: C0509018
 Project: 127491.05
 Lab ID: C0509018-009A

Client Sample ID: RD21ABR092205
 Tag Number: 162,
 Collection Date: 9/22/2005
 Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15 1UG/M3 W/ 0.25UG/M3 TCE		TO-15		Analyst: RJP		
1,1,1-Trichloroethane	0.12	0.150	J	ppbV	1	9/29/2005
1,1,2,2-Tetrachloroethane	ND	0.150		ppbV	1	9/29/2005
1,1,2-Trichloroethane	ND	0.150		ppbV	1	9/29/2005
1,1-Dichloroethane	ND	0.150		ppbV	1	9/29/2005
1,1-Dichloroethene	ND	0.150		ppbV	1	9/29/2005
1,2,4-Trichlorobenzene	ND	0.150		ppbV	1	9/29/2005
1,2,4-Trimethylbenzene	1.10	0.150		ppbV	1	9/29/2005
1,2-Dibromoethane	ND	0.150		ppbV	1	9/29/2005
1,2-Dichlorobenzene	ND	0.150		ppbV	1	9/29/2005
1,2-Dichloroethane	ND	0.150		ppbV	1	9/29/2005
1,2-Dichloropropane	ND	0.150		ppbV	1	9/29/2005
1,3,5-Trimethylbenzene	0.940	0.150		ppbV	1	9/29/2005
1,3-butadiene	ND	0.150		ppbV	1	9/29/2005
1,3-Dichlorobenzene	ND	0.150		ppbV	1	9/29/2005
1,4-Dichlorobenzene	ND	0.150		ppbV	1	9/29/2005
1,4-Dioxane	ND	0.300		ppbV	1	9/29/2005
2,2,4-trimethylpentane	0.670	0.150		ppbV	1	9/29/2005
4-ethyltoluene	0.320	0.150		ppbV	1	9/29/2005
Acetone	11.1	1.50		ppbV	5	9/29/2005
Allyl chloride	ND	0.150		ppbV	1	9/29/2005
Benzene	0.470	0.150		ppbV	1	9/29/2005
Benzyl chloride	ND	0.150		ppbV	1	9/29/2005
Bromodichloromethane	0.10	0.150	J	ppbV	1	9/29/2005
Bromoform	ND	0.150		ppbV	1	9/29/2005
Bromomethane	ND	0.150		ppbV	1	9/29/2005
Carbon disulfide	ND	0.150		ppbV	1	9/29/2005
Carbon tetrachloride	ND	0.150		ppbV	1	9/29/2005
Chlorobenzene	ND	0.150		ppbV	1	9/29/2005
Chloroethane	ND	0.150		ppbV	1	9/29/2005
Chloroform	1.01	0.150		ppbV	1	9/29/2005
Chloromethane	0.660	0.150		ppbV	1	9/29/2005
cis-1,2-Dichloroethene	ND	0.150		ppbV	1	9/29/2005
cis-1,3-Dichloropropene	ND	0.150		ppbV	1	9/29/2005
Cyclohexane	1.61	0.150		ppbV	1	9/29/2005
Dibromochloromethane	ND	0.150		ppbV	1	9/29/2005
Ethyl acetate	ND	0.250		ppbV	1	9/29/2005
Ethylbenzene	0.400	0.150		ppbV	1	9/29/2005
Freon 11	0.540	0.150		ppbV	1	9/29/2005
Freon 113	2.70	0.750		ppbV	5	9/29/2005
Freon 114	ND	0.150		ppbV	1	9/29/2005

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 at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 09-Oct-05

CLIENT: ESC Environmental
Lab Order: C0509018
Project: 127491.05
Lab ID: C0509018-009A

Client Sample ID: RD2IABR092205
Tag Number: 162,
Collection Date: 9/22/2005
Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15 1UG/M3 W/ 0.25UG/M3 TCE		TO-15		Analyst: RJP		
Freon 12	0.890	0.150		ppbV	1	9/29/2005
Heptane	0.260	0.150		ppbV	1	9/29/2005
Hexachloro-1,3-butadiene	ND	0.150		ppbV	1	9/29/2005
Hexane	0.830	0.150		ppbV	1	9/29/2005
Isopropyl alcohol	ND	0.150		ppbV	1	9/29/2005
m-Xylene	1.00	0.150		ppbV	1	9/29/2005
Methyl Butyl Ketone	ND	0.300		ppbV	1	9/29/2005
Methyl Ethyl Ketone	ND	0.300		ppbV	1	9/29/2005
Methyl Isobutyl Ketone	ND	0.300		ppbV	1	9/29/2005
Methyl tert-butyl ether	ND	0.150		ppbV	1	9/29/2005
Methylene chloride	0.670	0.150		ppbV	1	9/29/2005
o-Xylene	0.530	0.150		ppbV	1	9/29/2005
p-Xylene	0.400	0.150		ppbV	1	9/29/2005
Propylene	ND	0.150		ppbV	1	9/29/2005
Styrene	0.230	0.150		ppbV	1	9/29/2005
Tetrachloroethylene	0.210	0.150		ppbV	1	9/29/2005
Tetrahydrofuran	ND	0.150		ppbV	1	9/29/2005
Toluene	3.80	0.750		ppbV	5	9/29/2005
trans-1,2-Dichloroethene	ND	0.150		ppbV	1	9/29/2005
trans-1,3-Dichloropropene	ND	0.150		ppbV	1	9/29/2005
Trichloroethene	0.360	0.0400		ppbV	1	9/29/2005
Vinyl acetate	ND	0.150		ppbV	1	9/29/2005
Vinyl Bromide	ND	0.150		ppbV	1	9/29/2005
Vinyl chloride	ND	0.150		ppbV	1	9/29/2005
Surr: Bromofluorobenzene	116	70-130		%REC	1	9/29/2005

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 at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 09-Oct-05

CLIENT: ESC Environmental
Lab Order: C0509018
Project: 127491.05
Lab ID: C0509018-009A

Client Sample ID: RD2IABR092205
Tag Number: 162,
Collection Date: 9/22/2005
Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15 1UG/M3 W/ 0.25UG/M3 TCE				TO-15		Analyst: RJP
1,1,1-Trichloroethane	0.666	0.832	J	ug/m3	1	9/29/2005
1,1,2,2-Tetrachloroethane	ND	1.05		ug/m3	1	9/29/2005
1,1,2-Trichloroethane	ND	0.832		ug/m3	1	9/29/2005
1,1-Dichloroethane	ND	0.617		ug/m3	1	9/29/2005
1,1-Dichloroethene	ND	0.605		ug/m3	1	9/29/2005
1,2,4-Trichlorobenzene	ND	1.13		ug/m3	1	9/29/2005
1,2,4-Trimethylbenzene	5.50	0.749		ug/m3	1	9/29/2005
1,2-Dibromoethane	ND	1.17		ug/m3	1	9/29/2005
1,2-Dichlorobenzene	ND	0.917		ug/m3	1	9/29/2005
1,2-Dichloroethane	ND	0.617		ug/m3	1	9/29/2005
1,2-Dichloropropane	ND	0.705		ug/m3	1	9/29/2005
1,3,5-Trimethylbenzene	4.70	0.750		ug/m3	1	9/29/2005
1,3-butadiene	ND	0.337		ug/m3	1	9/29/2005
1,3-Dichlorobenzene	ND	0.917		ug/m3	1	9/29/2005
1,4-Dichlorobenzene	ND	0.917		ug/m3	1	9/29/2005
1,4-Dioxane	ND	1.10		ug/m3	1	9/29/2005
2,2,4-trimethylpentane	3.18	0.712		ug/m3	1	9/29/2005
4-ethyltoluene	1.60	0.750		ug/m3	1	9/29/2005
Acetone	26.8	3.62		ug/m3	5	9/29/2005
Allyl chloride	ND	0.477		ug/m3	1	9/29/2005
Benzene	1.53	0.487		ug/m3	1	9/29/2005
Benzyl chloride	ND	0.877		ug/m3	1	9/29/2005
Bromodichloromethane	0.681	1.02	J	ug/m3	1	9/29/2005
Bromoform	ND	1.58		ug/m3	1	9/29/2005
Bromomethane	ND	0.592		ug/m3	1	9/29/2005
Carbon disulfide	ND	0.475		ug/m3	1	9/29/2005
Carbon tetrachloride	ND	0.959		ug/m3	1	9/29/2005
Chlorobenzene	ND	0.702		ug/m3	1	9/29/2005
Chloroethane	ND	0.402		ug/m3	1	9/29/2005
Chloroform	5.01	0.744		ug/m3	1	9/29/2005
Chloromethane	1.39	0.315		ug/m3	1	9/29/2005
cis-1,2-Dichloroethene	ND	0.604		ug/m3	1	9/29/2005
cis-1,3-Dichloropropene	ND	0.692		ug/m3	1	9/29/2005
Cyclohexane	5.63	0.525		ug/m3	1	9/29/2005
Dibromochloromethane	ND	1.30		ug/m3	1	9/29/2005
Ethyl acetate	ND	0.916		ug/m3	1	9/29/2005
Ethylbenzene	1.77	0.662		ug/m3	1	9/29/2005
Freon 11	3.08	0.857		ug/m3	1	9/29/2005
Freon 113	21.0	5.84		ug/m3	5	9/29/2005
Freon 114	ND	1.07		ug/m3	1	9/29/2005

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 at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 09-Oct-05

CLIENT: ESC Environmental
Lab Order: C0509018
Project: 127491.05
Lab ID: C0509018-009A

Client Sample ID: RD2IABR092205
Tag Number: 162,
Collection Date: 9/22/2005
Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15 1UG/M3 W/ 0.25UG/M3 TCE		TO-15		Analyst: RJP		
Freon 12	4.47	0.754		ug/m3	1	9/29/2005
Heptane	1.08	0.625		ug/m3	1	9/29/2005
Hexachloro-1,3-butadiene	ND	1.63		ug/m3	1	9/29/2005
Hexane	2.97	0.537		ug/m3	1	9/29/2005
Isopropyl alcohol	ND	0.375		ug/m3	1	9/29/2005
m-Xylene	4.41	0.662		ug/m3	1	9/29/2005
Methyl Butyl Ketone	ND	1.25		ug/m3	1	9/29/2005
Methyl Ethyl Ketone	ND	0.899		ug/m3	1	9/29/2005
Methyl Isobutyl Ketone	ND	1.25		ug/m3	1	9/29/2005
Methyl tert-butyl ether	ND	0.550		ug/m3	1	9/29/2005
Methylene chloride	2.37	0.530		ug/m3	1	9/29/2005
o-Xylene	2.34	0.662		ug/m3	1	9/29/2005
p-Xylene	1.77	0.662		ug/m3	1	9/29/2005
Propylene	ND	0.262		ug/m3	1	9/29/2005
Styrene	0.996	0.649		ug/m3	1	9/29/2005
Tetrachloroethylene	1.45	1.03		ug/m3	1	9/29/2005
Tetrahydrofuran	ND	0.450		ug/m3	1	9/29/2005
Toluene	14.6	2.87		ug/m3	5	9/29/2005
trans-1,2-Dichloroethene	ND	0.604		ug/m3	1	9/29/2005
trans-1,3-Dichloropropene	ND	0.692		ug/m3	1	9/29/2005
Trichloroethene	1.97	0.218		ug/m3	1	9/29/2005
Vinyl acetate	ND	0.537		ug/m3	1	9/29/2005
Vinyl Bromide	ND	0.667		ug/m3	1	9/29/2005
Vinyl chloride	ND	0.390		ug/m3	1	9/29/2005

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 at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Data File : C:\MSDCHEM\1\DATA\AC092917.D

Vial: 5

Acq On : 30 Sep 2005 12:10 am

Operator: RJP

Sample : C0509018-009A

Inst : MSD #1

Misc : C0509018-009A

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Sep 30 00:34:03 2005

Quant Results File: A905_1UT.RES

Quant Method : C:\MSDCHEM\1\METHODS\A905_1UT.M (RTE Integrator)

Title : TO-15 VOA Standards for 5 point calibration

Last Update : Tue Sep 06 13:55:05 2005

Response via : Initial Calibration

DataAcq Meth : A905_1UT

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) Bromochloromethane	9.27	128	22493	1.00	ppb	0.00
30) 1,4-difluorobenzene	11.57	114	80993	1.00	ppb	-0.02
44) Chlorobenzene-d5	16.02	117	89151	1.00	ppb	0.00

System Monitoring Compounds

58) Bromofluorobenzene	17.53	95	52617	1.16	ppb	0.00
Spiked Amount	1.000	Range	70 - 130	Recovery	=	116.00%

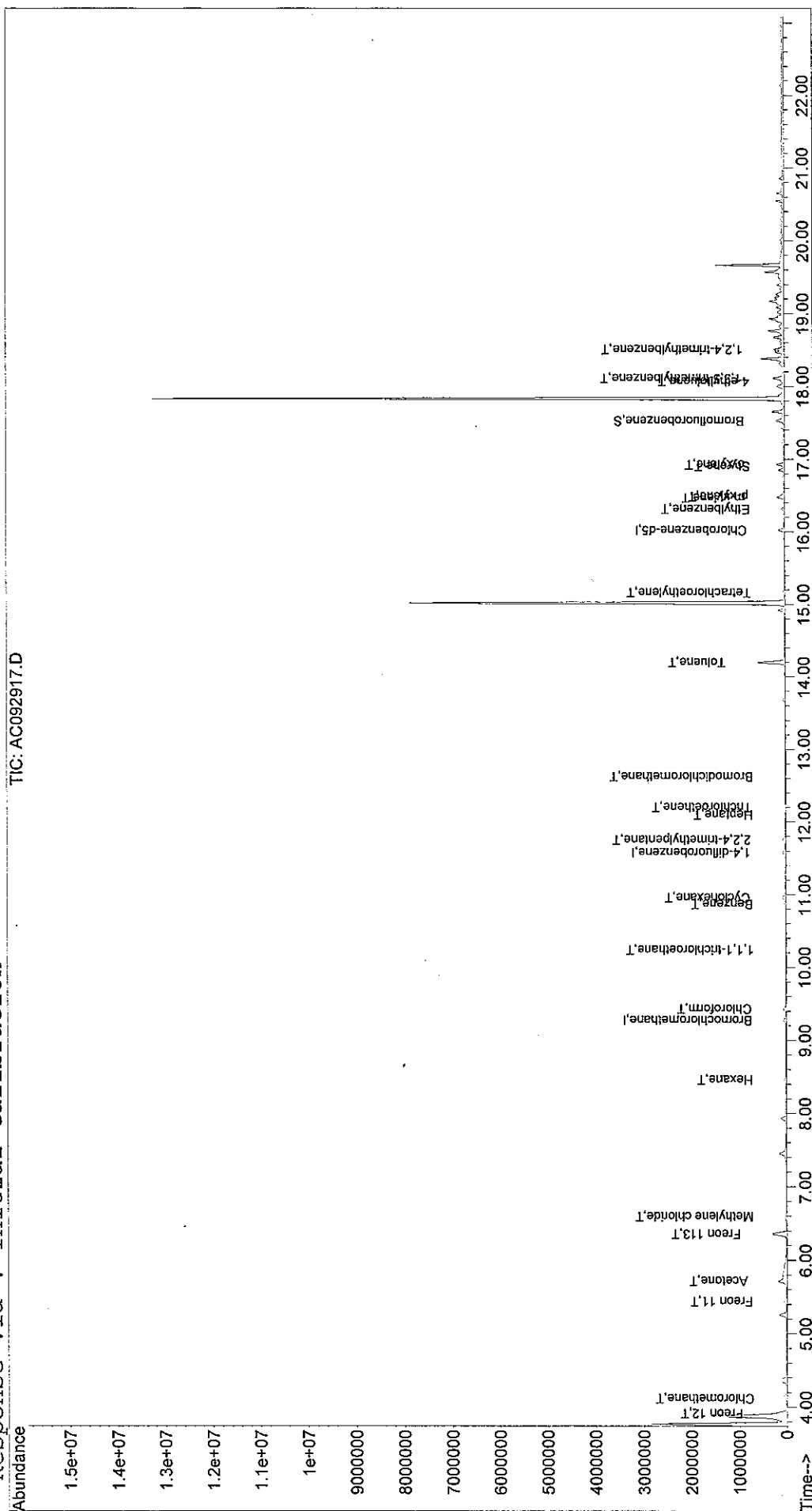
Target Compounds

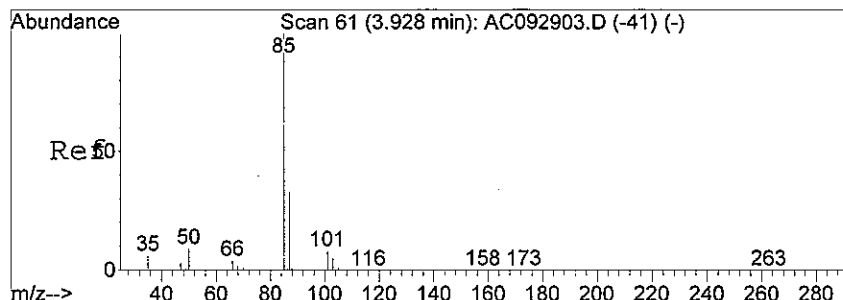
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Freon 12	3.92	85	64733	0.89	ppb	98
4) Chloromethane	4.11	50	16906	0.66	ppb	79
11) Freon 11	5.44	101	52234	0.54	ppb	97
12) Acetone	5.73	58	183709m	16.40	ppb	
15) Freon 113	6.36	101	172940	2.58	ppb	# 83
16) Methylene chloride	6.60	84	16780m	0.67	ppb	
25) Hexane	8.46	41	18839	0.83	ppb	# 87
27) Chloroform	9.43	83	58791	1.01	ppb	100
31) 1,1,1-trichloroethane	10.25	97	6858m	0.12	ppb	
32) Cyclohexane	10.96	56	44901	1.61	ppb	79
34) Benzene	10.87	78	34874	0.47	ppb	80
36) 2,2,4-trimethylpentane	11.75	57	61404	0.67	ppb	94
37) Heptane	12.10	43	8245	0.26	ppb	92
38) Trichloroethene	12.21	130	15819	0.36	ppb	# 86
40) Bromodichloromethane	12.63	83	5659	0.10	ppb	97
45) Toluene	14.20	92	284913	4.67	ppb	96
50) Tetrachloroethylene	15.16	164	10424	0.21	ppb	98
52) Ethylbenzene	16.31	91	44508	0.40	ppb	93
53) m-xylene	16.47	91	90249m	1.00	ppb	
54) p-xylene	16.50	91	40881m	0.40	ppb	
55) Styrene	16.89	104	13742	0.23	ppb	# 59
57) o-xylene	16.92	91	57642	0.53	ppb	89
60) 4-ethyltoluene	18.07	105	23590	0.32	ppb	92
61) 1,3,5-trimethylbenzene	18.11	105	96526m	0.94	ppb	
62) 1,2,4-trimethylbenzene	18.51	105	96265	1.10	ppb	88

(#) = qualifier out of range (m) = manual integration (+) = signals summed
 AC092917.D A905_1UT.M Sun Oct 09 14:18:30 2005 MSA Page 1

Data File : C:\MSDCHEM\1\DATA\AC092917.D
Acq On : 30 Sep 2005 12:10 am Vial: 5
Sample : C0509018-009A Operator: RJP
Misc : C0509018-009A Inst : MSD #1
MS Integration Params: RTEINT.P Multiplr: 1.00
Quant Time: Sep 30 7:59 2005 Quant Results File: A905_1UT.RES

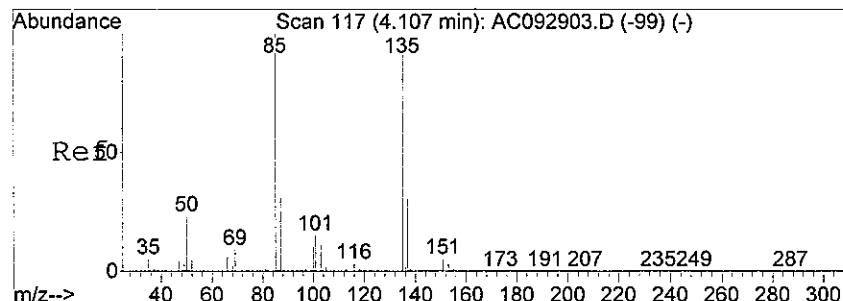
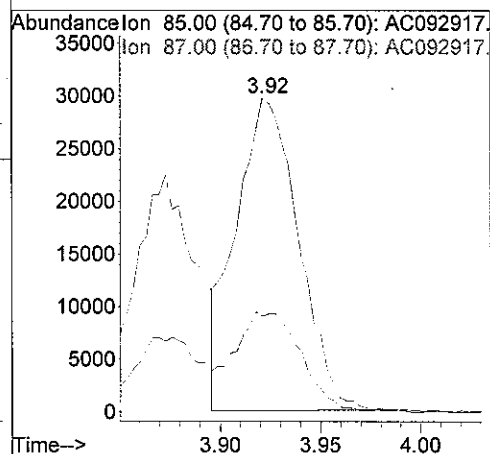
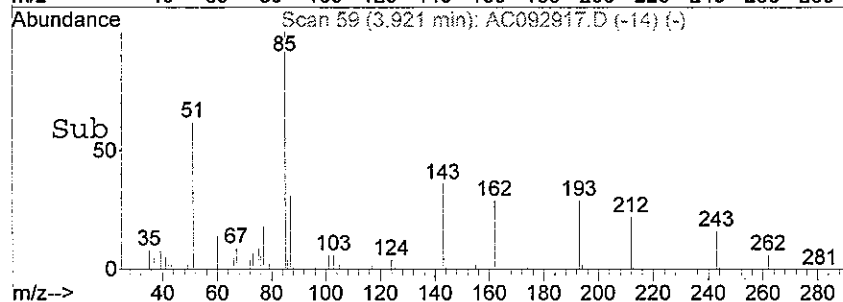
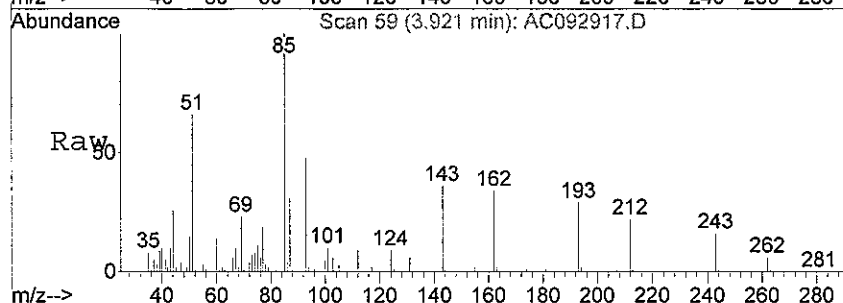
Method : C:\MSDCHEM\1\METHODS\A905_1UT.M (RTE Integrator)
Title : TO-15 VOA Standards for 5 point calibration
Last Update : Sun Oct 09 14:17:27 2005
Response via : Initial Calibration





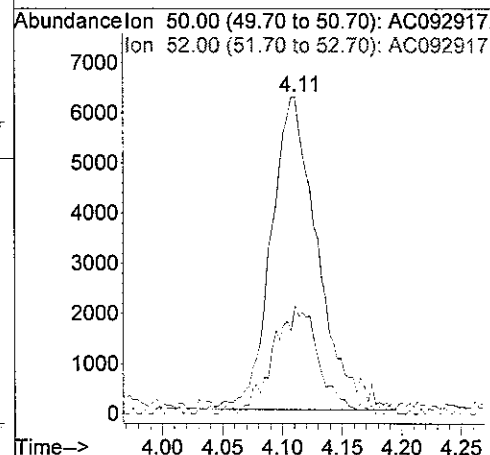
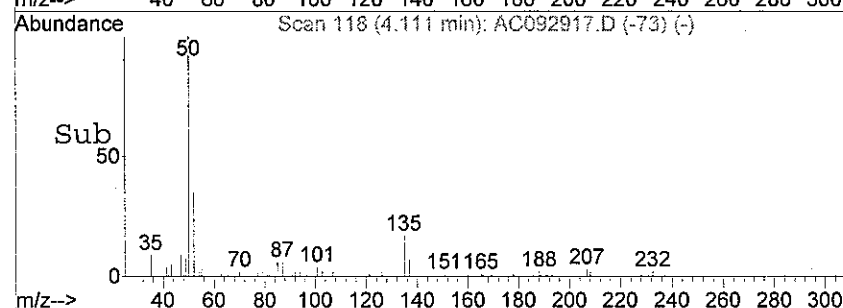
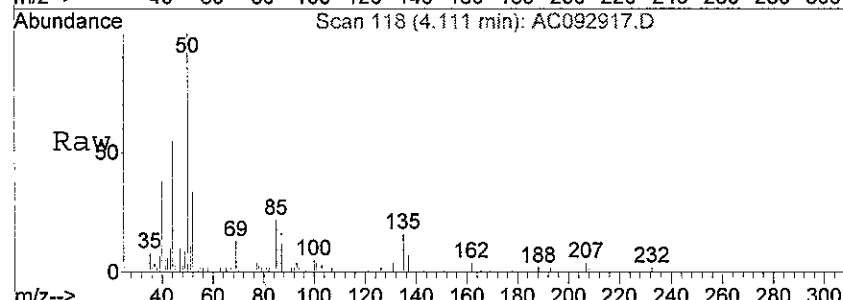
#3
Freon 12
Concen: 0.89 ppb
RT: 3.92 min Scan# 59
Delta R.T. -0.01 min
Lab File: AC092917.D
Acq: 30 Sep 2005 12:10 am

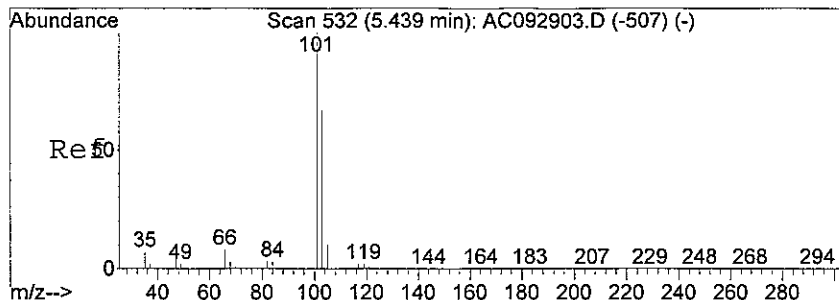
Tgt Ion: 85 Resp: 64733
Ion Ratio Lower Upper
85 100
87 33.4 12.1 52.1



#4
Chloromethane
Concen: 0.66 ppb
RT: 4.11 min Scan# 118
Delta R.T. -0.01 min
Lab File: AC092917.D
Acq: 30 Sep 2005 12:10 am

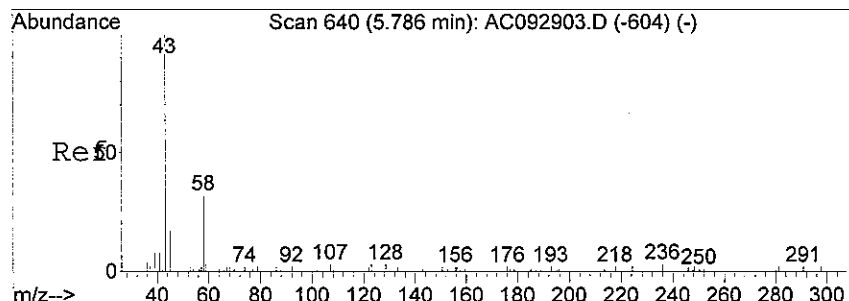
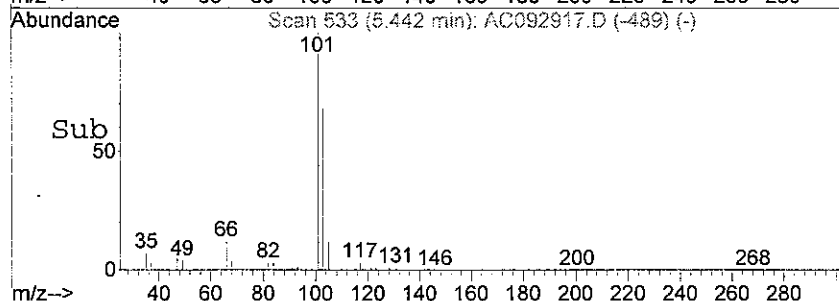
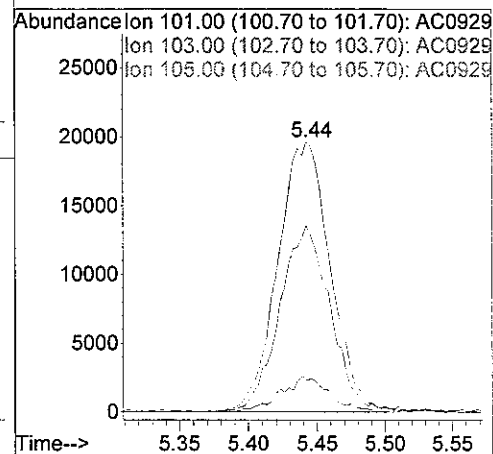
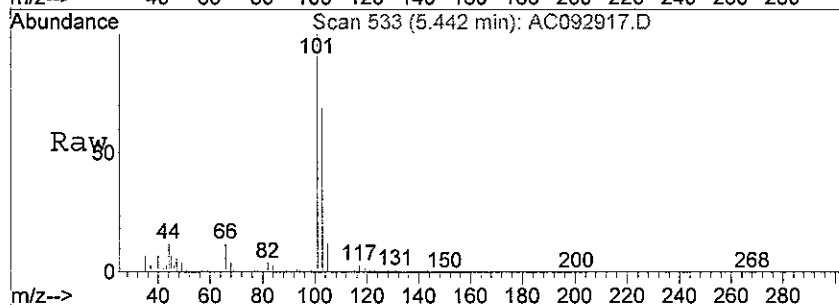
Tgt Ion: 50 Resp: 16906
Ion Ratio Lower Upper
50 100
52 33.5 3.3 43.3





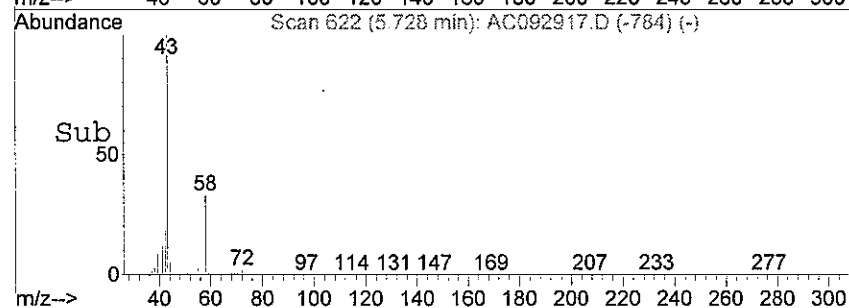
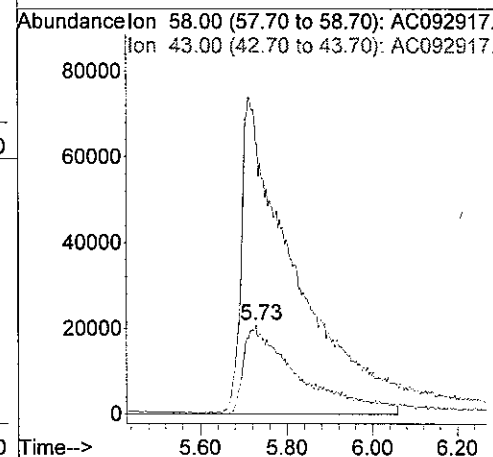
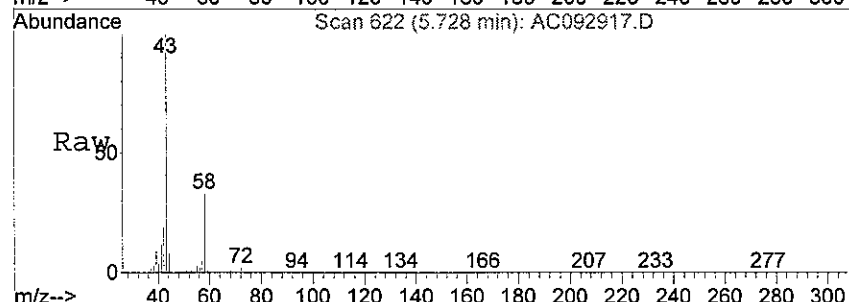
#11
 Freon 11
 Concen: 0.54 ppb
 RT: 5.44 min Scan# 533
 Delta R.T. -0.01 min
 Lab File: AC092917.D
 Acq: 30 Sep 2005 12:10 am

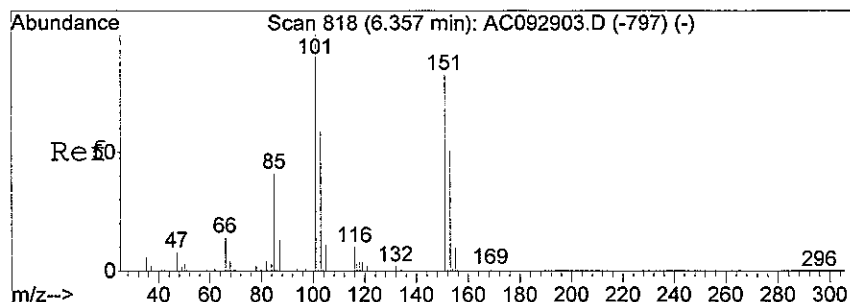
Tgt Ion: 101 Resp: 52234
 Ion Ratio Lower Upper
 101 100
 103 66.0 43.4 83.4
 105 11.9 0.0 30.9



#12
 Acetone
 Concen: 16.40 ppb m
 RT: 5.73 min Scan# 622
 Delta R.T. -0.67 min
 Lab File: AC092917.D
 Acq: 30 Sep 2005 12:10 am

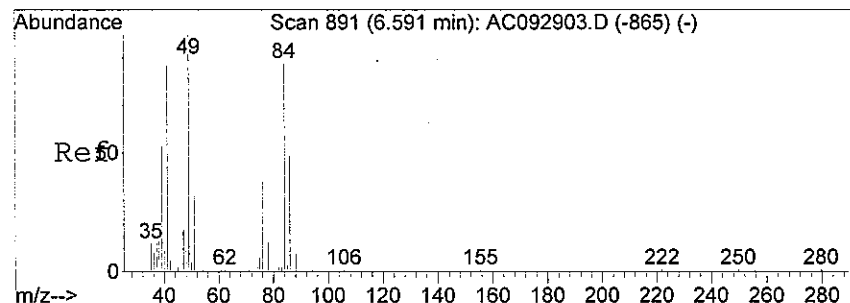
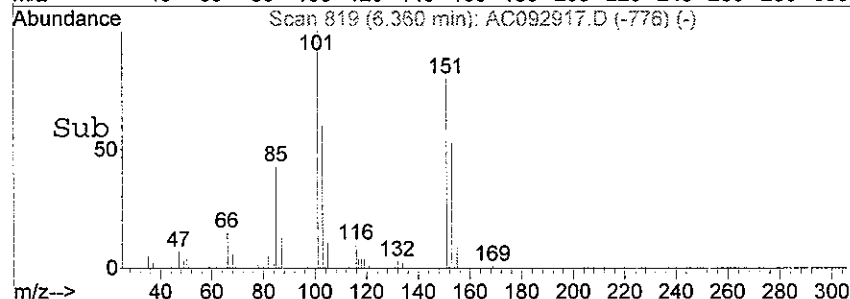
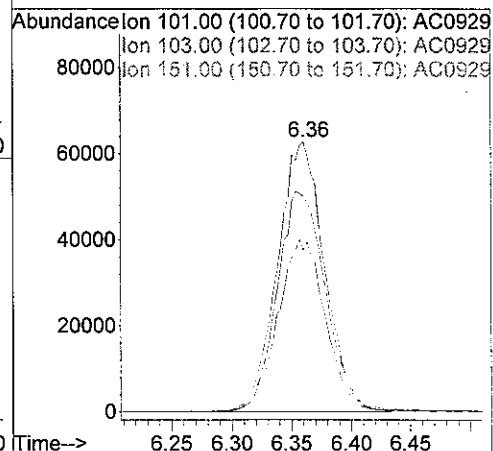
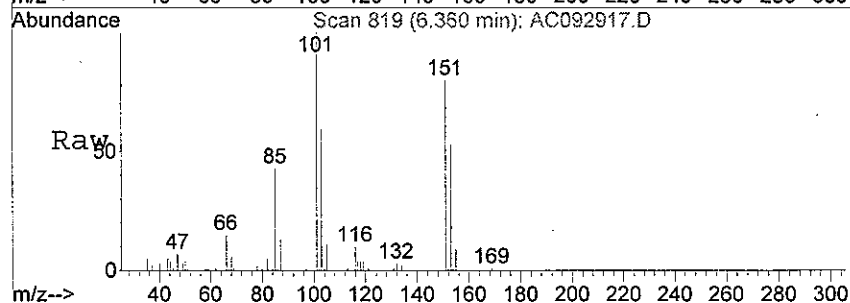
Tgt Ion: 58 Resp: 183709
 Ion Ratio Lower Upper
 58 100
 43 0.0 0.0 30.0





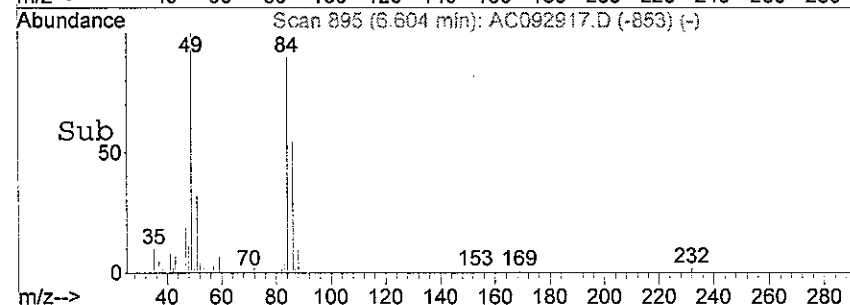
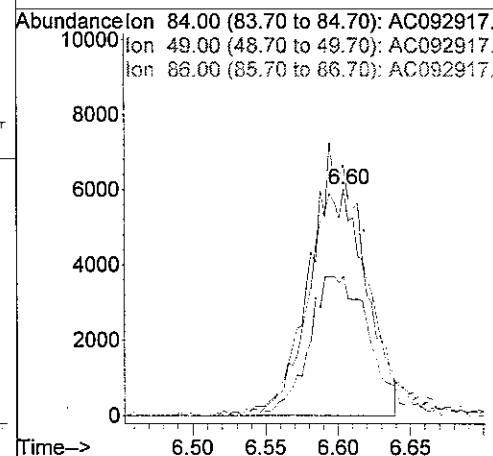
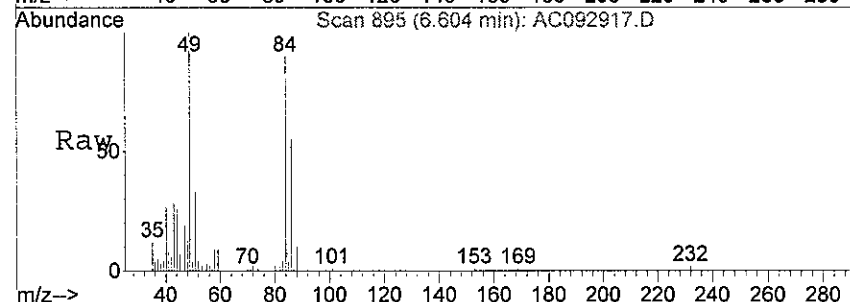
#15
 Freon 113
 Concen: 2.58 ppb
 RT: 6.36 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: AC092917.D
 Acq: 30 Sep 2005 12:10 am

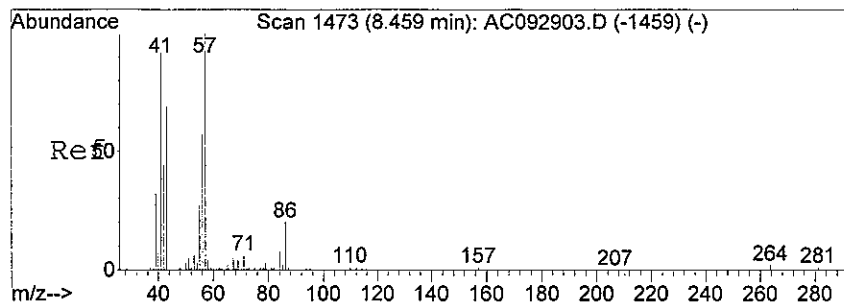
Tgt Ion	Ratio	Lower	Upper
101	100		
103	64.3	13.9	53.9#
151	83.6	66.6	106.6



#16
 Methylene chloride
 Concen: 0.67 ppb m
 RT: 6.60 min Scan# 895
 Delta R.T. -0.02 min
 Lab File: AC092917.D
 Acq: 30 Sep 2005 12:10 am

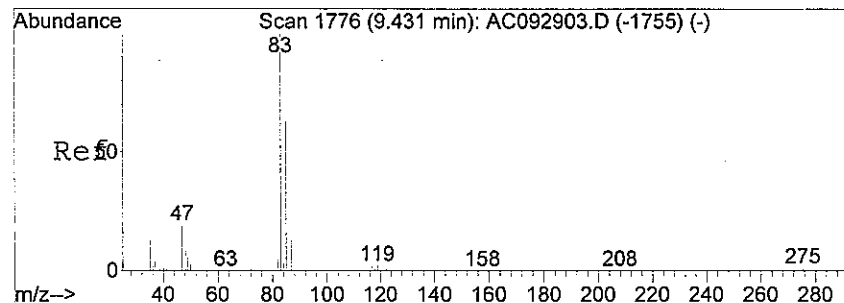
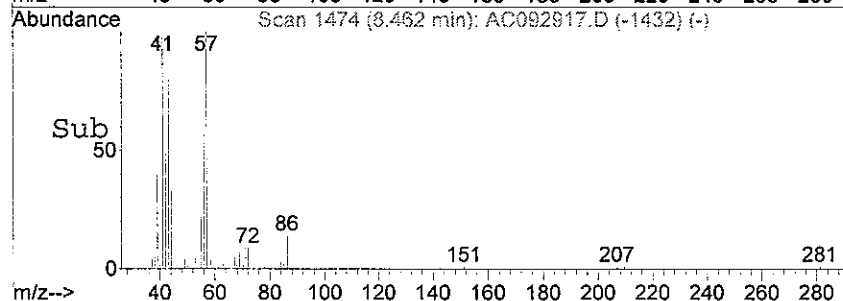
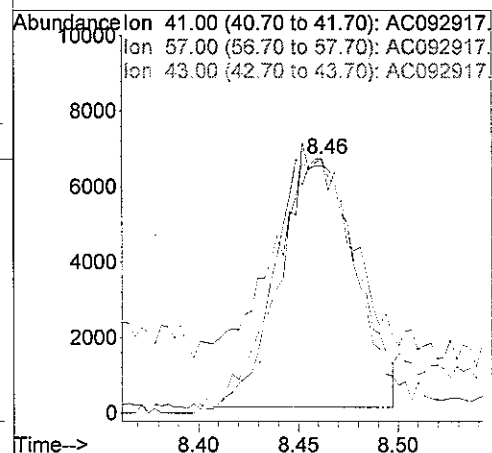
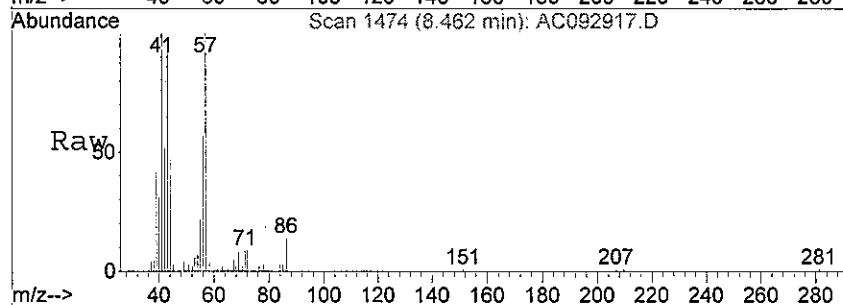
Tgt Ion	Ratio	Lower	Upper
84	100		
49	115.0	163.1	203.1#
86	63.0	48.2	88.2





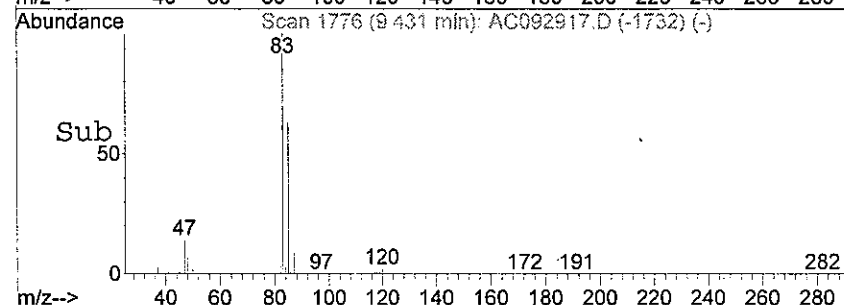
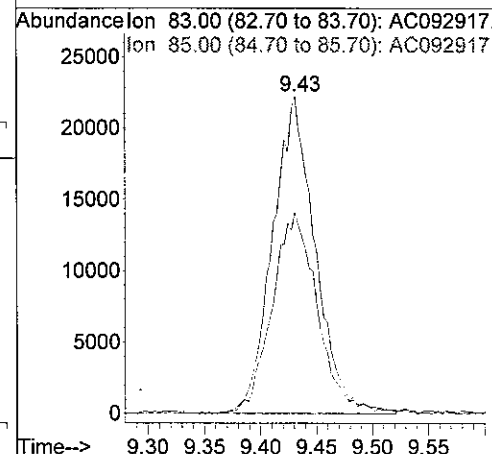
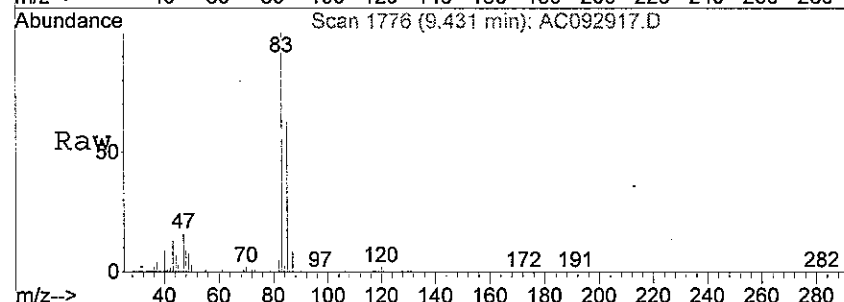
#25
Hexane
Concen: 0.83 ppb
RT: 8.46 min Scan# 1474
Delta R.T. -0.02 min
Lab File: AC092917.D
Acq: 30 Sep 2005 12:10 am

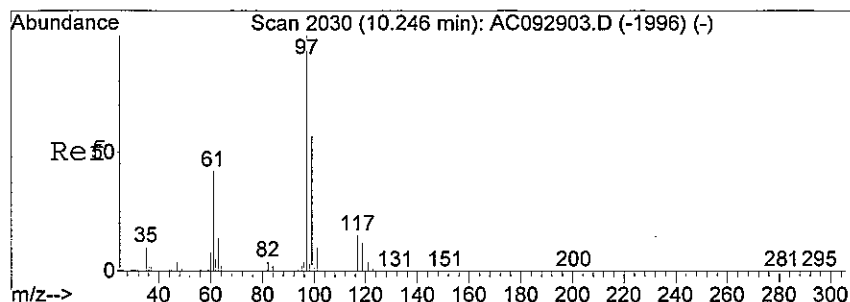
Tgt Ion: 41 Resp: 18839
Ion Ratio Lower Upper
41 100
57 98.2 102.6 142.6#
43 82.2 62.5 102.5



#27
Chloroform
Concen: 1.01 ppb
RT: 9.43 min Scan# 1776
Delta R.T. -0.01 min
Lab File: AC092917.D
Acq: 30 Sep 2005 12:10 am

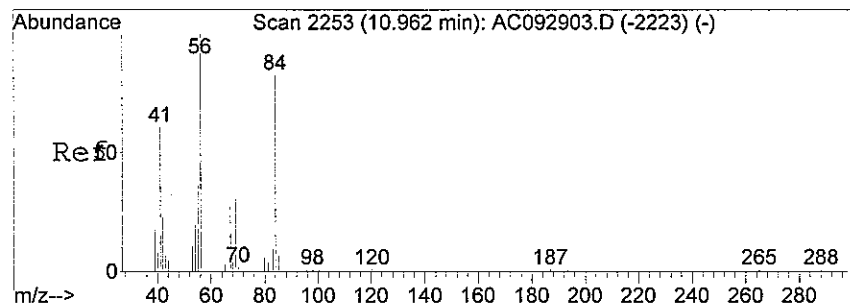
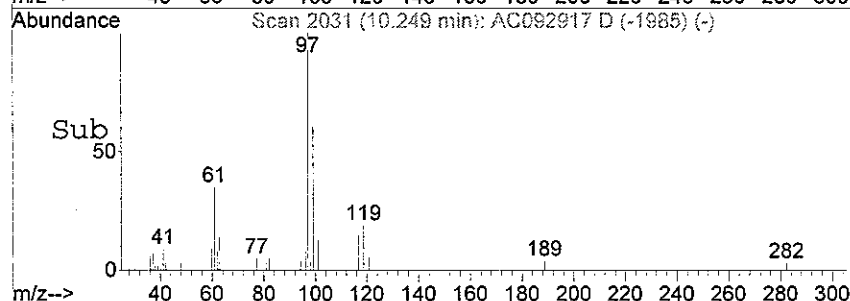
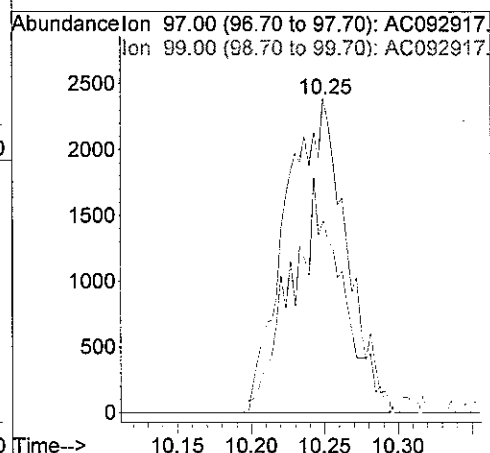
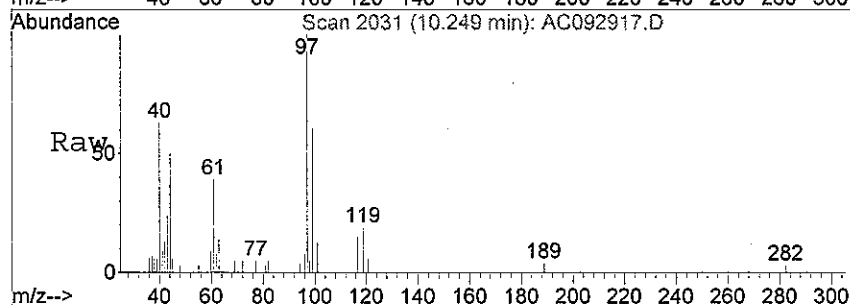
Tgt Ion: 83 Resp: 58791
Ion Ratio Lower Upper
83 100
85 66.5 46.2 86.2





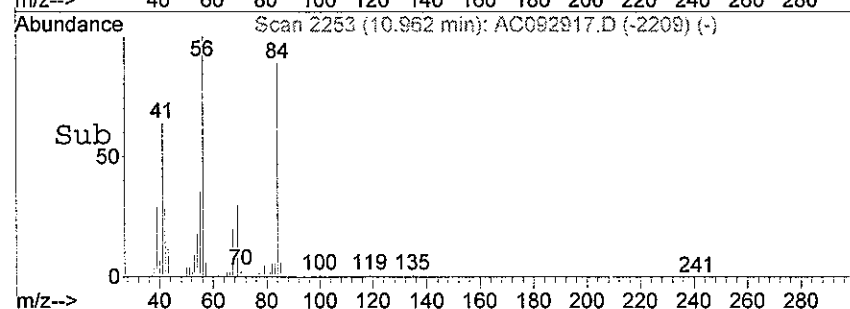
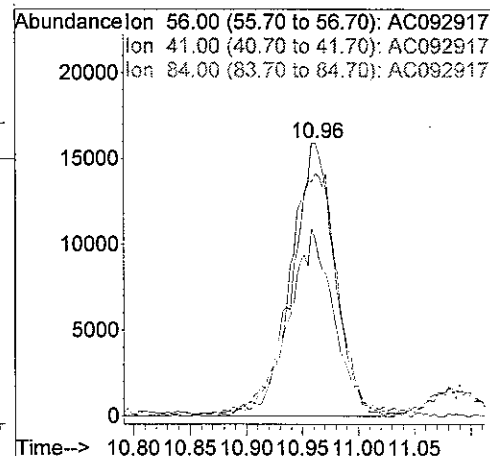
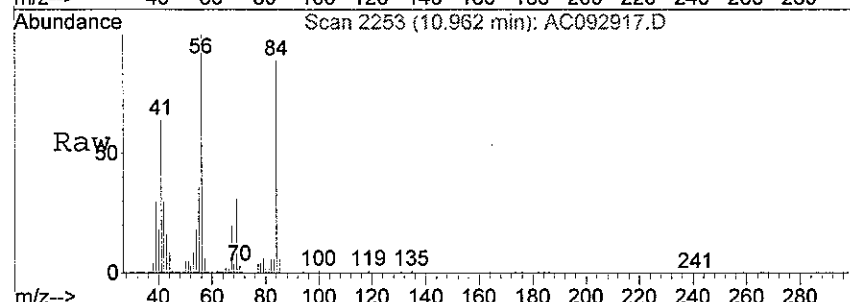
#31
1,1,1-trichloroethane
Concen: 0.12 ppb m
RT: 10.25 min Scan# 2031
Delta R.T. -0.00 min
Lab File: AC092917.D
Acq: 30 Sep 2005 12:10 am

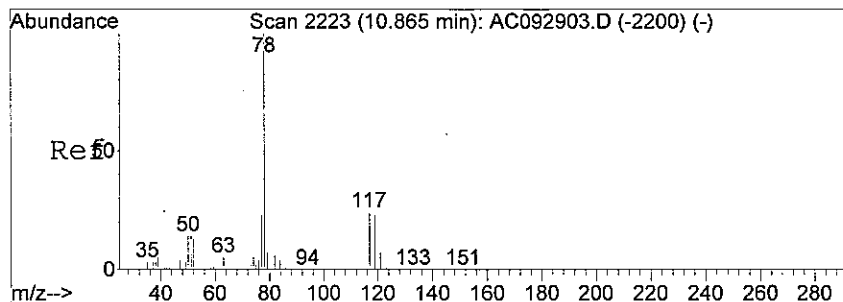
Tgt Ion: 97 Resp: 6858
Ion Ratio Lower Upper
97 100
99 62.8 44.7 84.7



#32
Cyclohexane
Concen: 1.61 ppb
RT: 10.96 min Scan# 2253
Delta R.T. -0.01 min
Lab File: AC092917.D
Acq: 30 Sep 2005 12:10 am

Tgt Ion: 56 Resp: 44901
Ion Ratio Lower Upper
56 100
41 68.8 34.9 74.9
84 87.9 49.8 89.8





#34

Benzene

Concen: 0.47 ppb

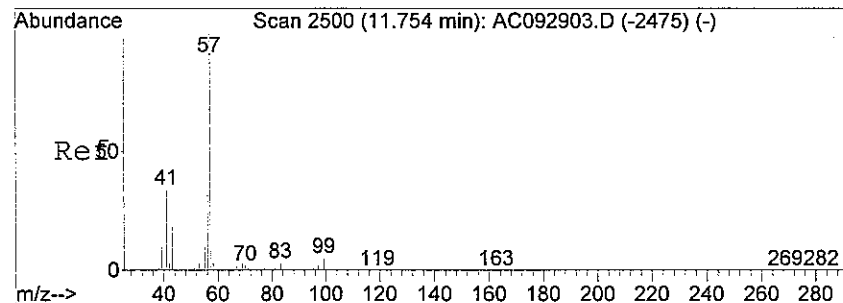
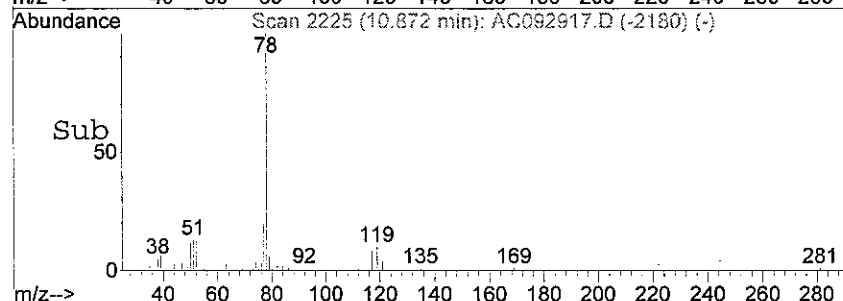
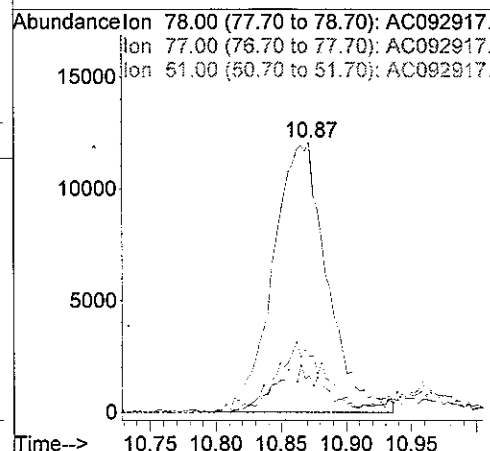
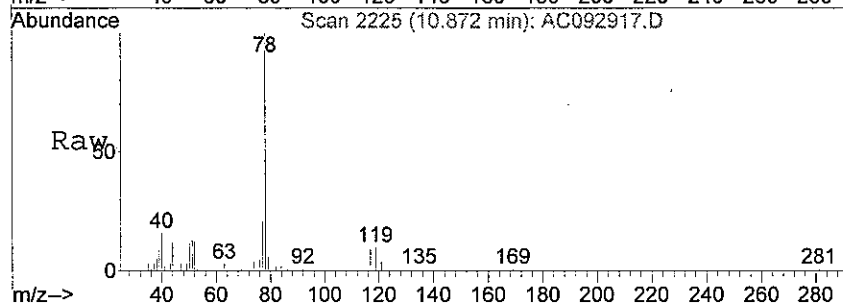
RT: 10.87 min Scan# 2225

Delta R.T. -0.01 min

Lab File: AC092917.D

Acq: 30 Sep 2005 12:10 am

Tgt Ion:	78	Resp:	34874
Ion	Ratio	Lower	Upper
78	100		
77	22.6	3.1	43.1
51	7.0	5.7	45.7



#36

2,2,4-trimethylpentane

Concen: 0.67 ppb

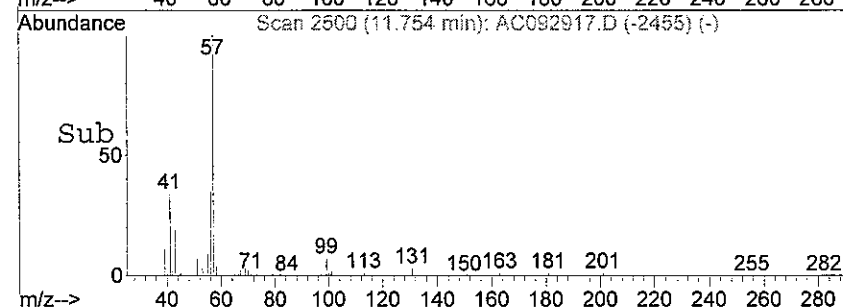
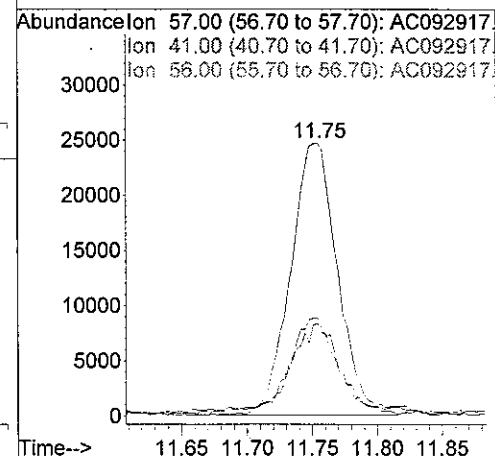
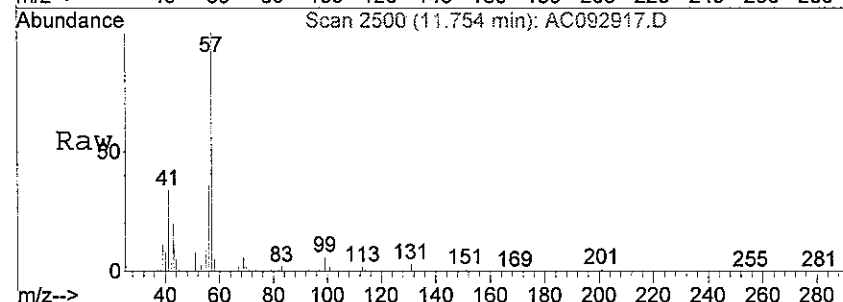
RT: 11.75 min Scan# 2500

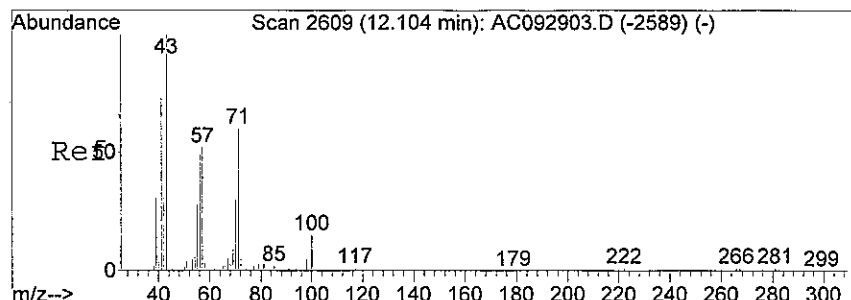
Delta R.T. -0.01 min

Lab File: AC092917.D

Acq: 30 Sep 2005 12:10 am

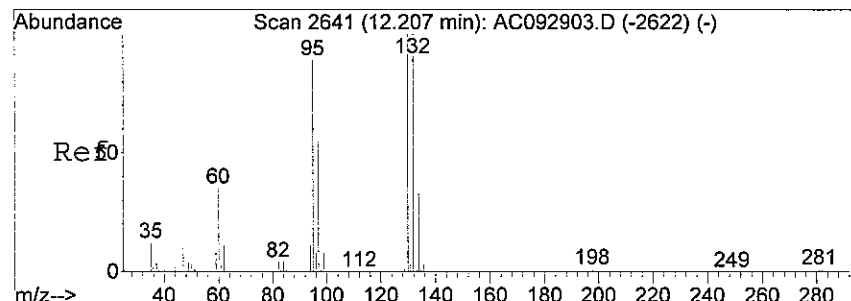
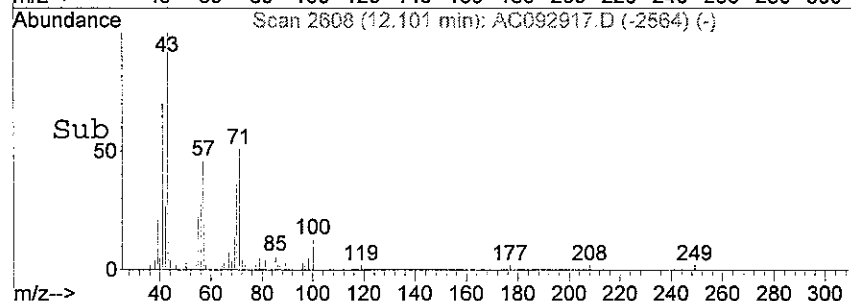
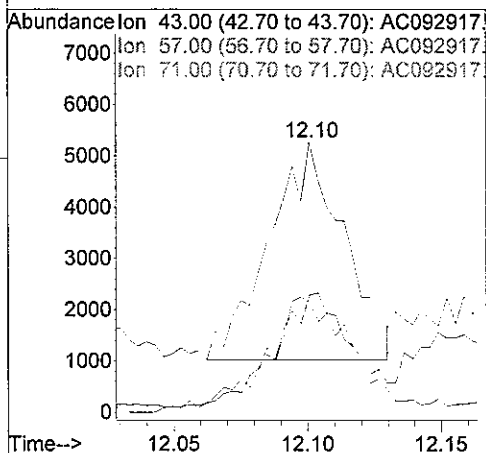
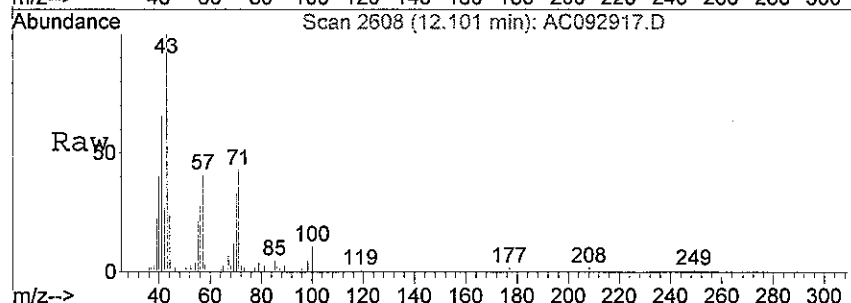
Tgt Ion:	57	Resp:	61404
Ion	Ratio	Lower	Upper
57	100		
41	29.6	10.5	50.5
56	37.0	11.1	51.1





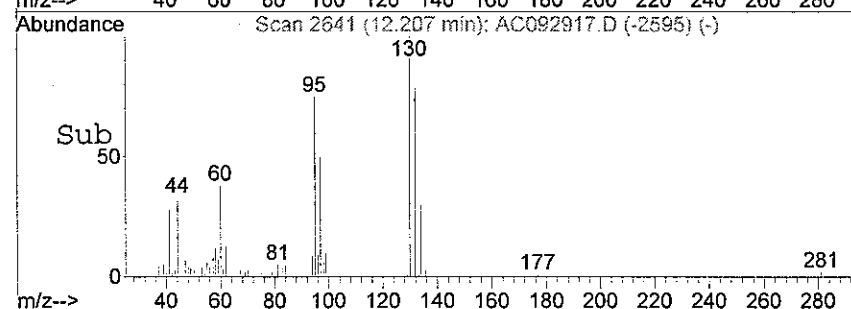
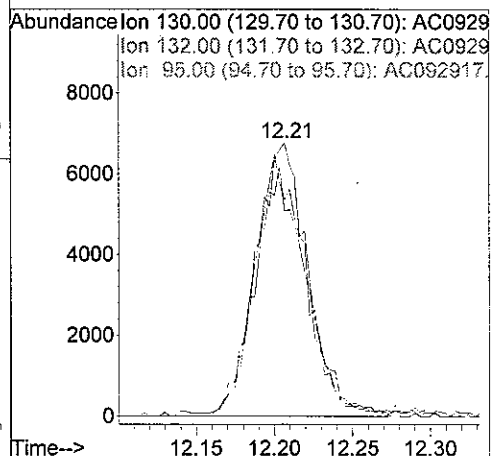
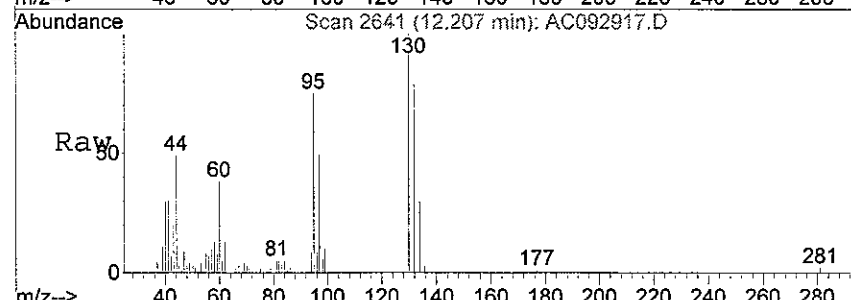
#37
Heptane
Concen: 0.26 ppb
RT: 12.10 min Scan# 2608
Delta R.T. -0.01 min
Lab File: AC092917.D
Acq: 30 Sep 2005 12:10 am

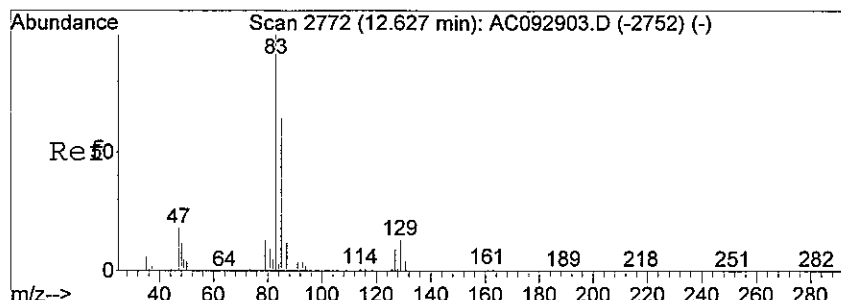
Tgt Ion: 43 Resp: 8245
Ion Ratio Lower Upper
43 100
57 59.9 39.5 79.5
71 58.6 27.5 67.5



#38
Trichloroethene
Concen: 0.36 ppb
RT: 12.21 min Scan# 2641
Delta R.T. -0.00 min
Lab File: AC092917.D
Acq: 30 Sep 2005 12:10 am

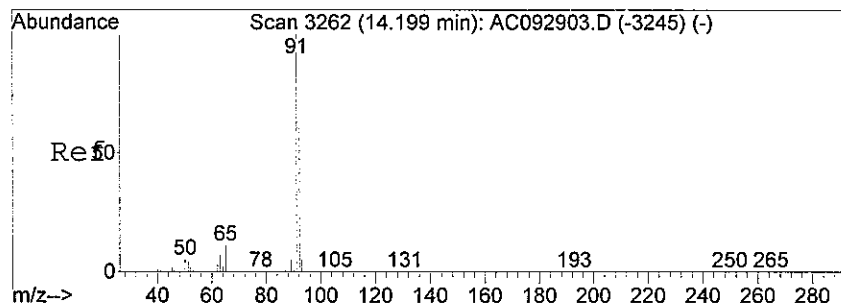
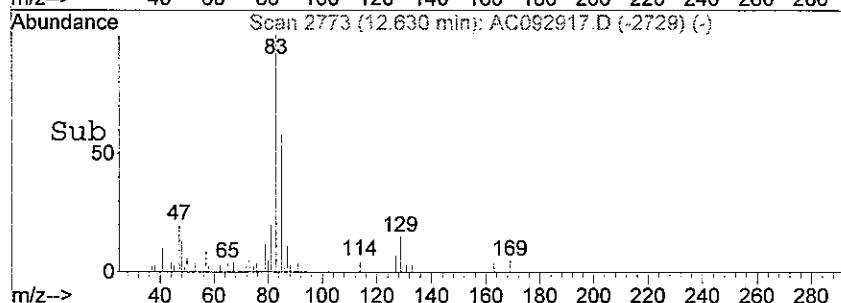
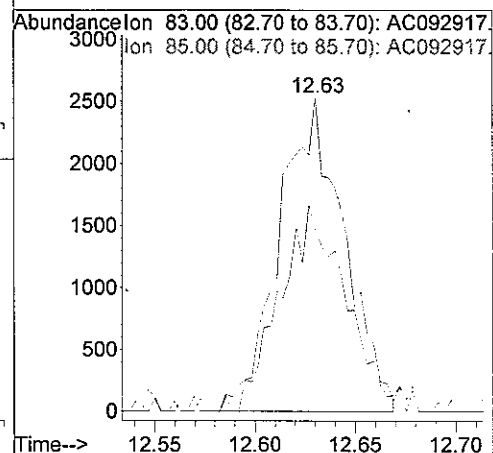
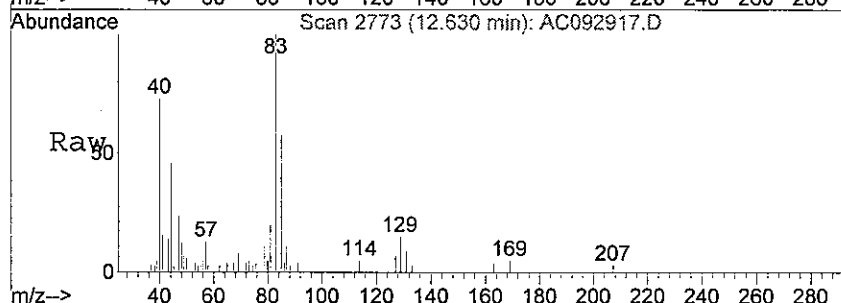
Tgt Ion: 130 Resp: 15819
Ion Ratio Lower Upper
130 100
132 92.6 76.8 116.8
95 86.8 89.8 129.8#





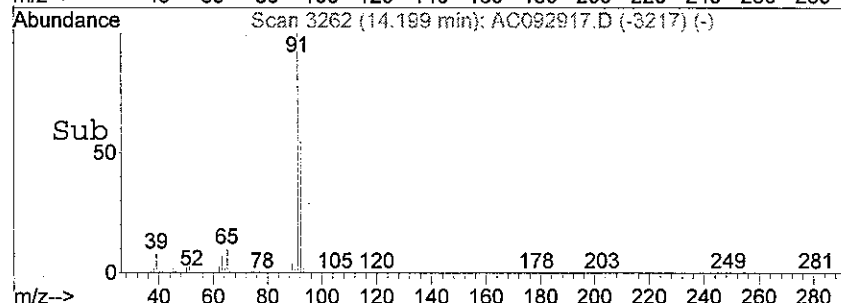
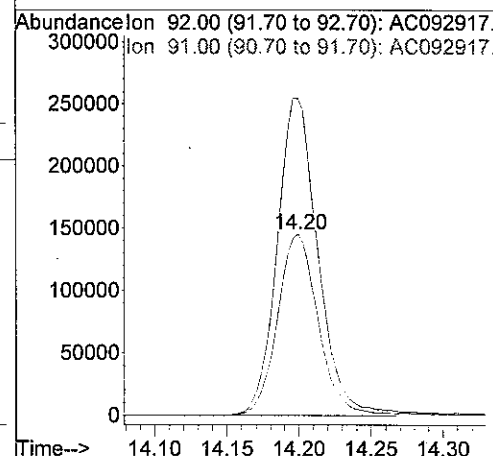
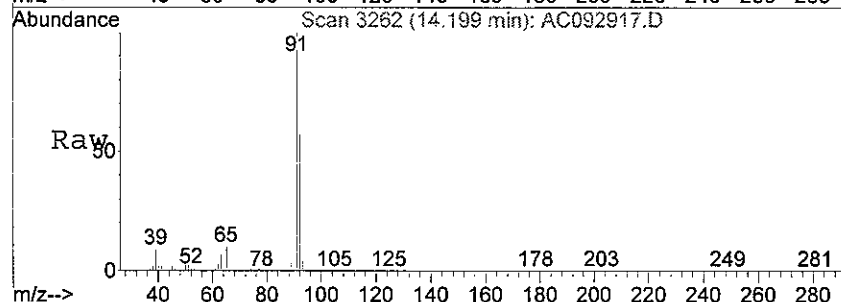
#40
Bromodichloromethane
Concen: 0.10 ppb
RT: 12.63 min Scan# 2773
Delta R.T. -0.01 min
Lab File: AC092917.D
Acq: 30 Sep 2005 12:10 am

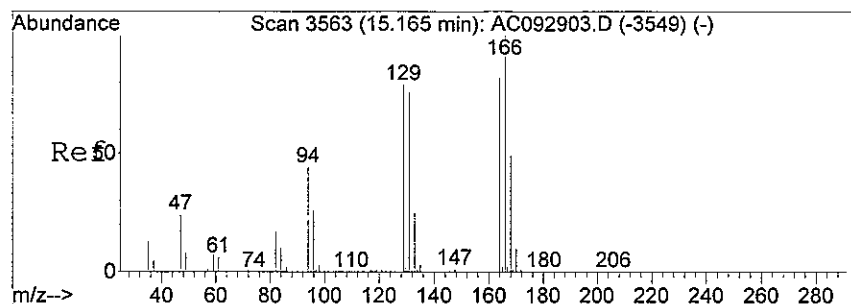
Tgt Ion: 83 Resp: 5659
Ion Ratio Lower Upper
83 100
85 67.4 44.9 84.9



#45
Toluene
Concen: 4.67 ppb
RT: 14.20 min Scan# 3262
Delta R.T. -0.01 min
Lab File: AC092917.D
Acq: 30 Sep 2005 12:10 am

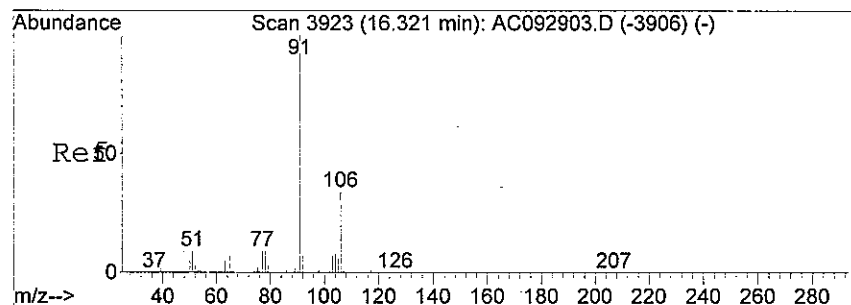
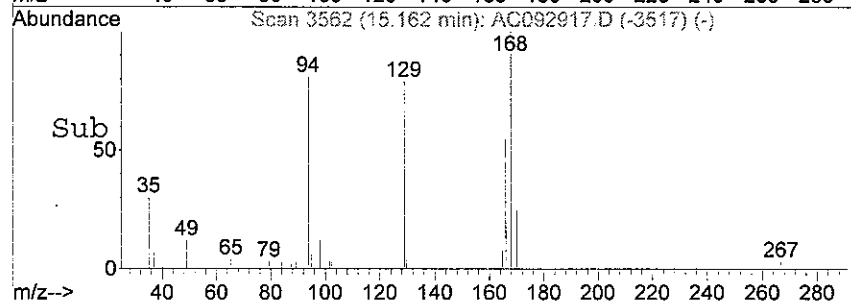
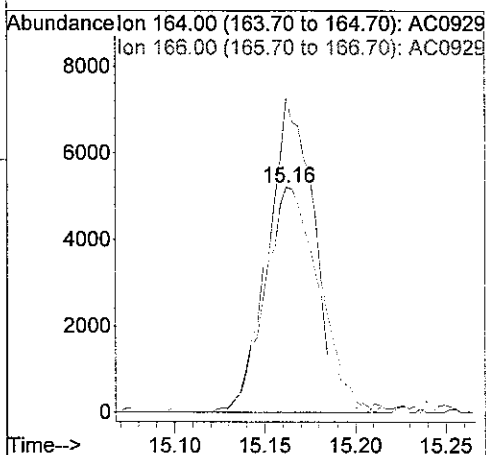
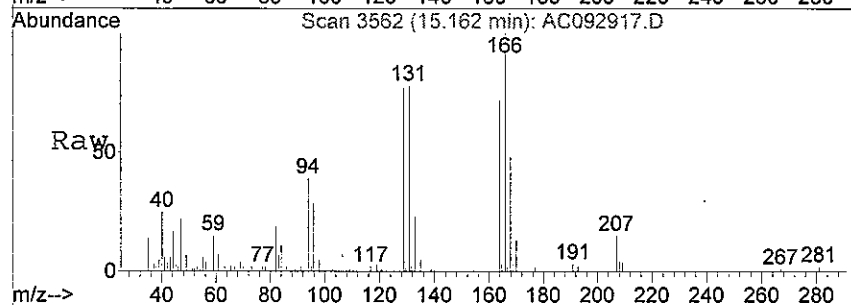
Tgt Ion: 92 Resp: 284913
Ion Ratio Lower Upper
92 100
91 176.5 151.0 191.0





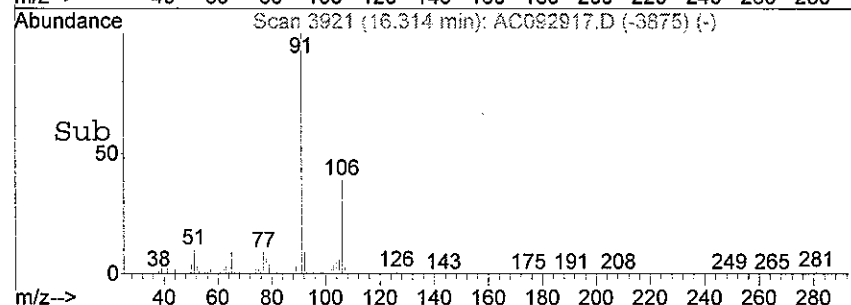
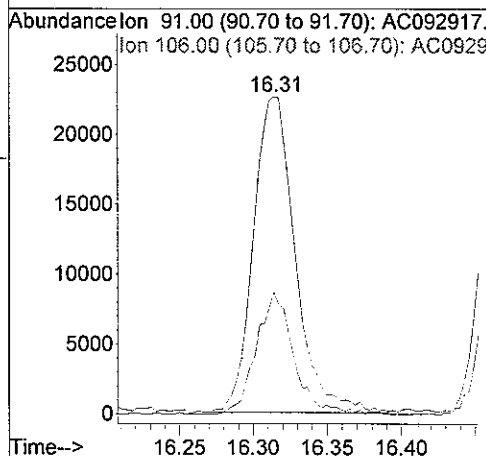
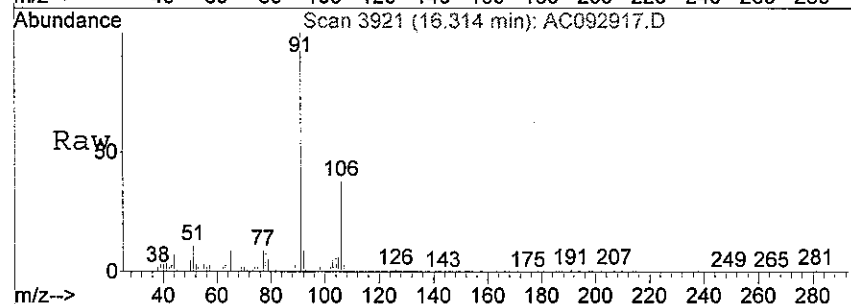
#50
Tetrachloroethylene
Concen: 0.21 ppb
RT: 15.16 min Scan# 3562
Delta R.T. -0.01 min
Lab File: AC092917.D
Acq: 30 Sep 2005 12:10 am

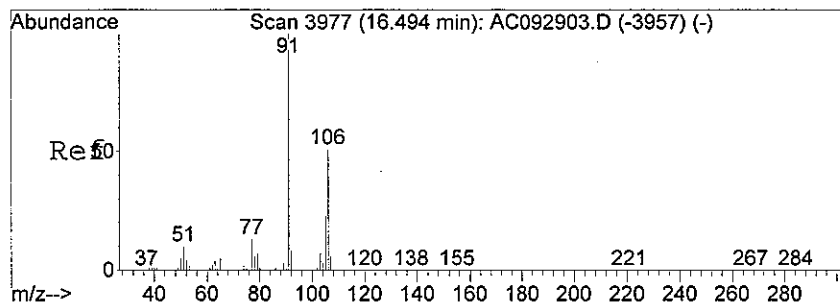
Tgt Ion: 164 Resp: 10424
Ion Ratio Lower Upper
164 100
166 128.6 106.8 146.8



#52
Ethylbenzene
Concen: 0.40 ppb
RT: 16.31 min Scan# 3921
Delta R.T. -0.00 min
Lab File: AC092917.D
Acq: 30 Sep 2005 12:10 am

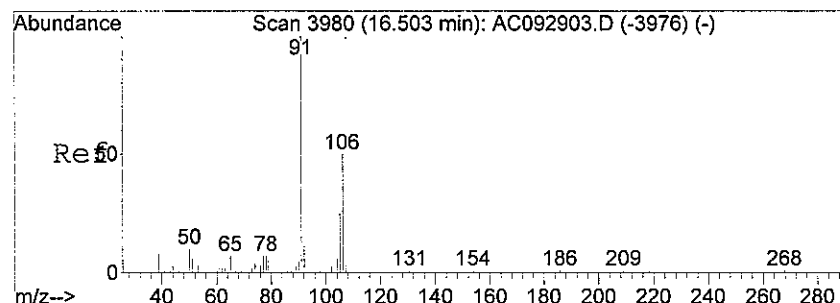
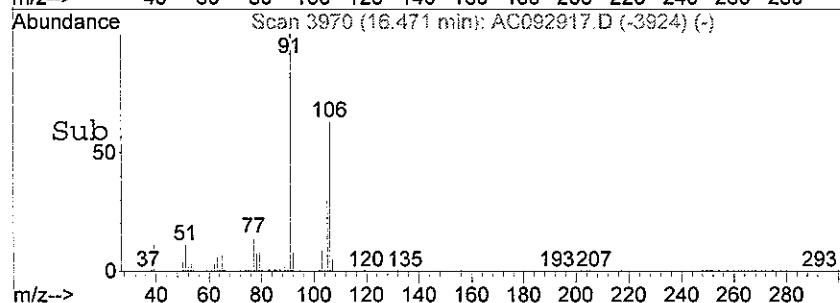
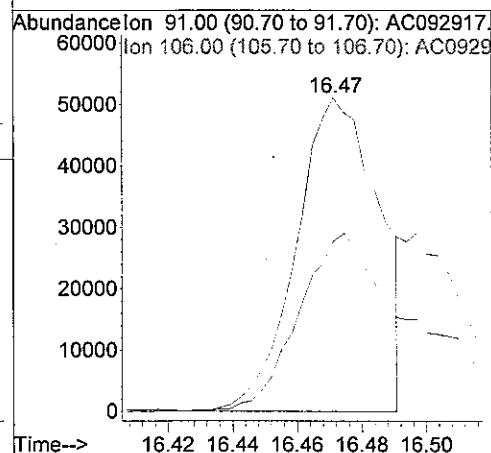
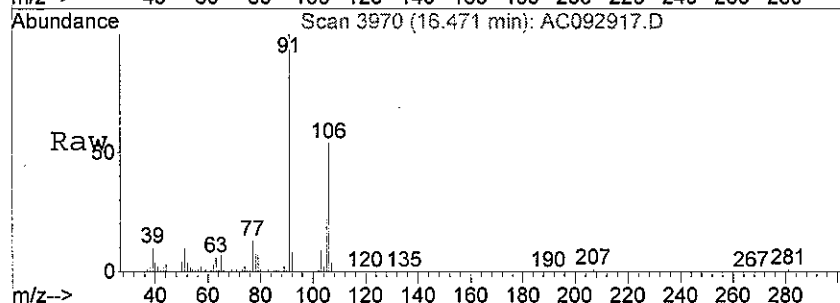
Tgt Ion: 91 Resp: 44508
Ion Ratio Lower Upper
91 100
106 34.1 10.2 50.2





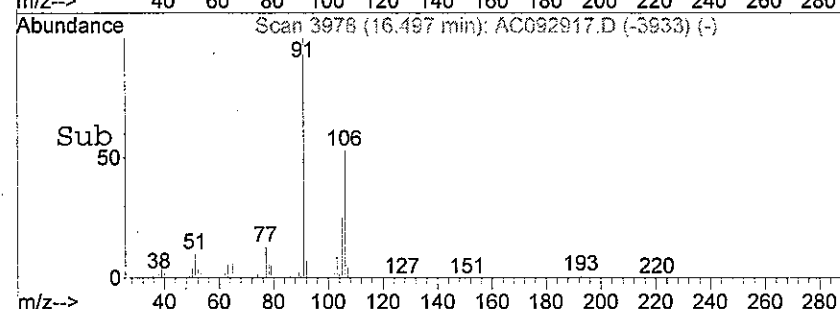
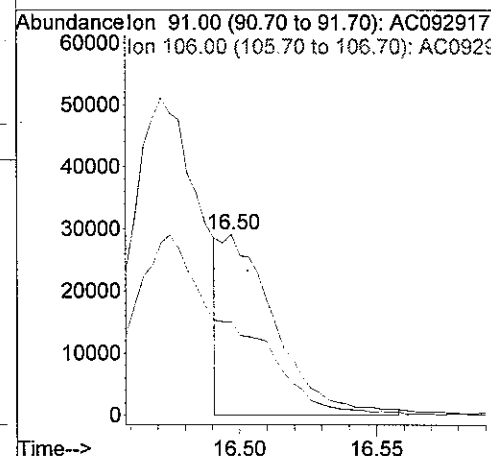
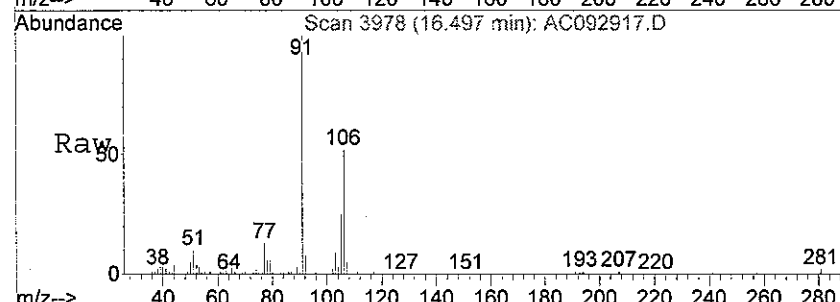
#53
m-xylene
Concen: 1.00 ppb m
RT: 16.47 min Scan# 3970
Delta R.T. -0.00 min
Lab File: AC092917.D
Acq: 30 Sep 2005 12:10 am

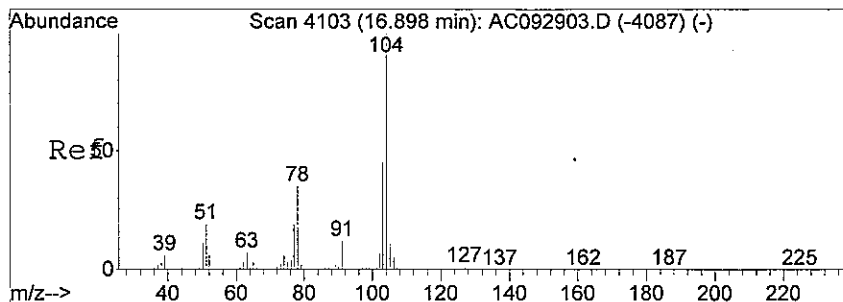
Tgt Ion: 91 Resp: 90249
Ion Ratio Lower Upper
91 100
106 81.0 31.7 71.7#



#54
p-xylene
Concen: 0.40 ppb m
RT: 16.50 min Scan# 3978
Delta R.T. -0.01 min
Lab File: AC092917.D
Acq: 30 Sep 2005 12:10 am

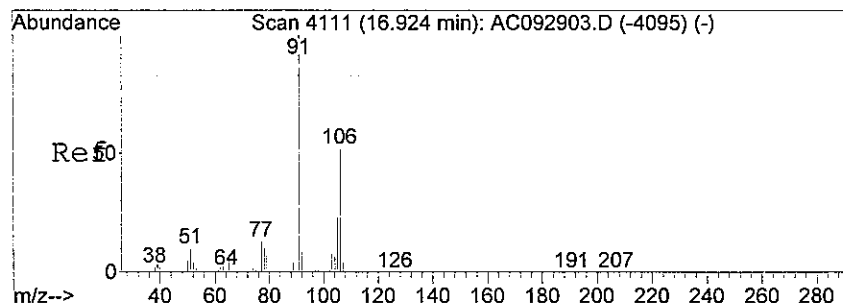
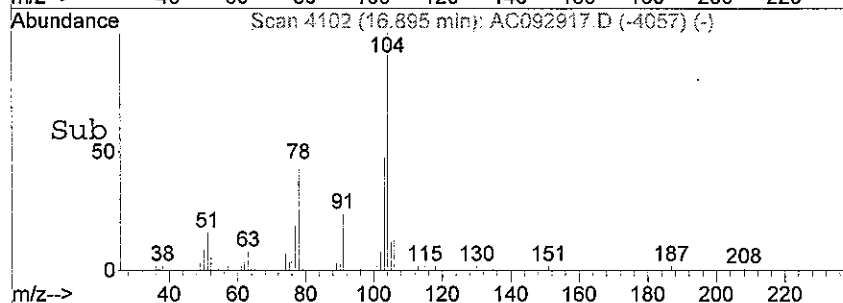
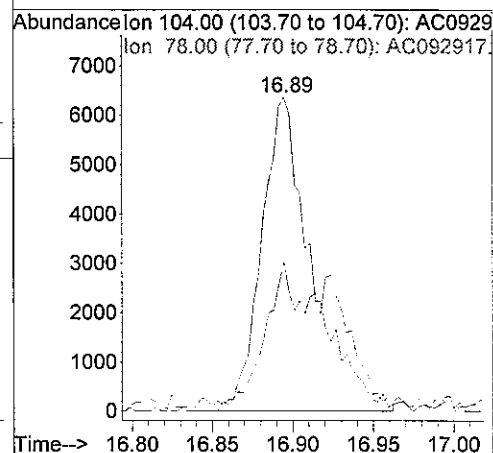
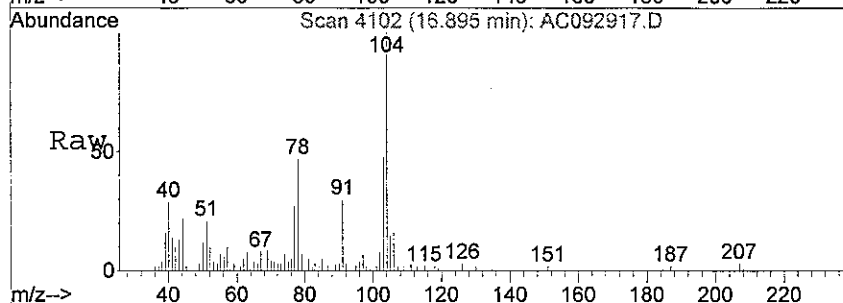
Tgt Ion: 91 Resp: 40881
Ion Ratio Lower Upper
91 100
106 178.8 22.7 62.7#





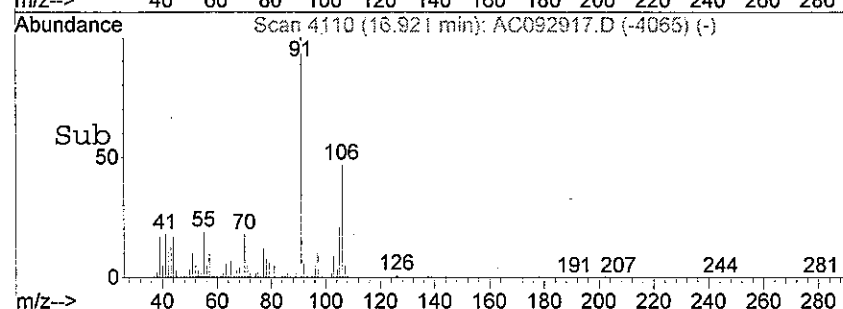
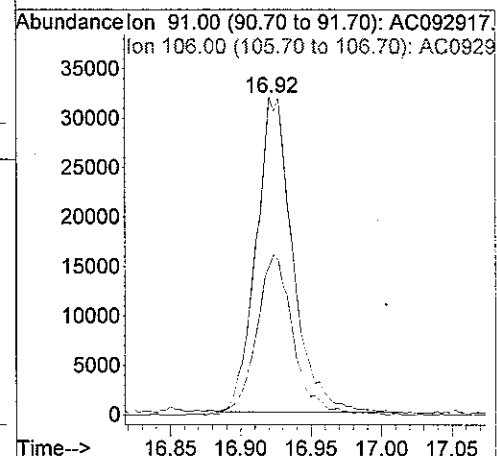
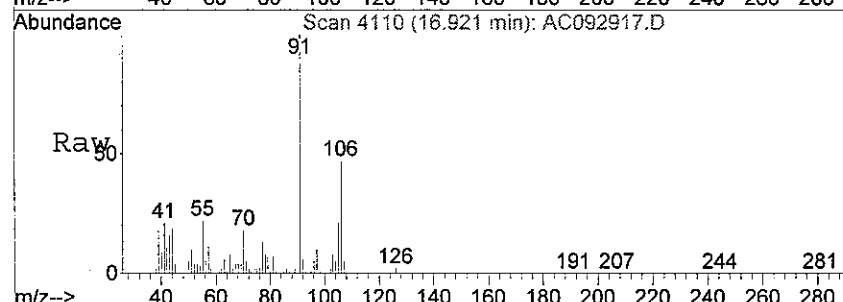
#55
Styrene
Concen: 0.23 ppb
RT: 16.89 min Scan# 4102
Delta R.T. -0.01 min
Lab File: AC092917.D
Acq: 30 Sep 2005 12:10 am

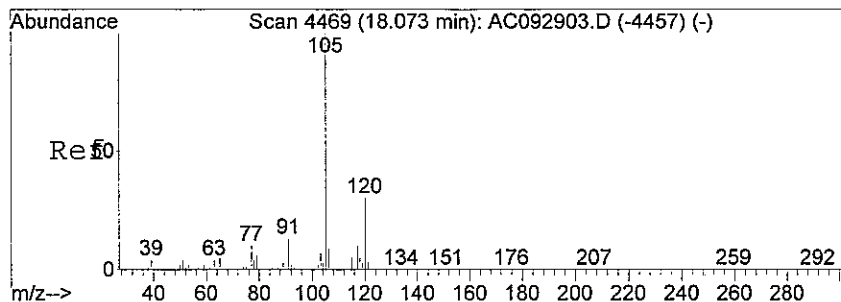
Tgt Ion: 104 Resp: 13742
Ion Ratio Lower Upper
104 100
78 32.3 44.2 84.2#



#57
o-xylene
Concen: 0.53 ppb
RT: 16.92 min Scan# 4110
Delta R.T. -0.01 min
Lab File: AC092917.D
Acq: 30 Sep 2005 12:10 am

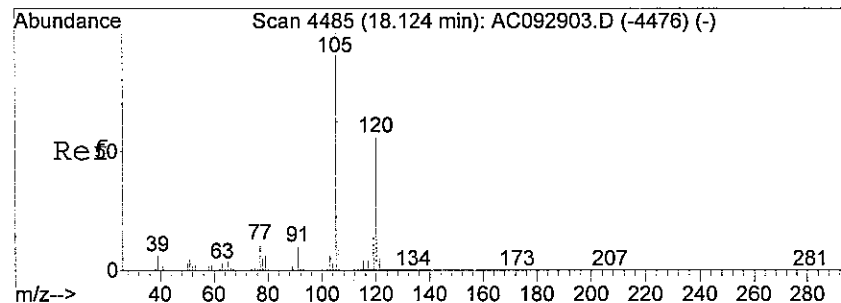
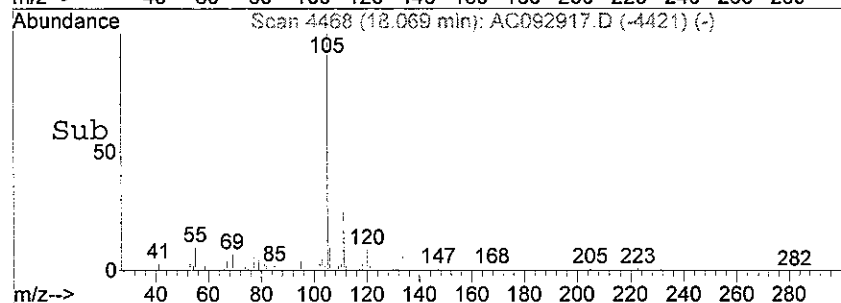
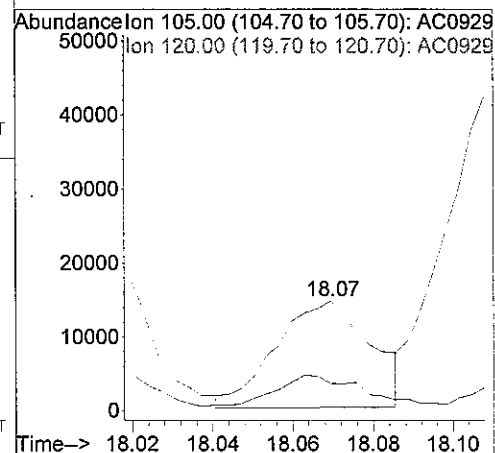
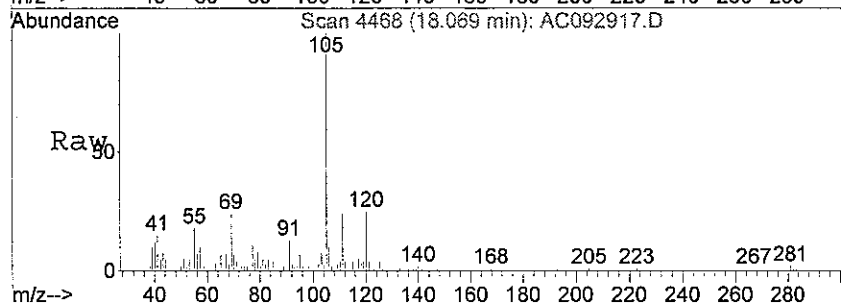
Tgt Ion: 91 Resp: 57642
Ion Ratio Lower Upper
91 100
106 51.0 23.8 63.8





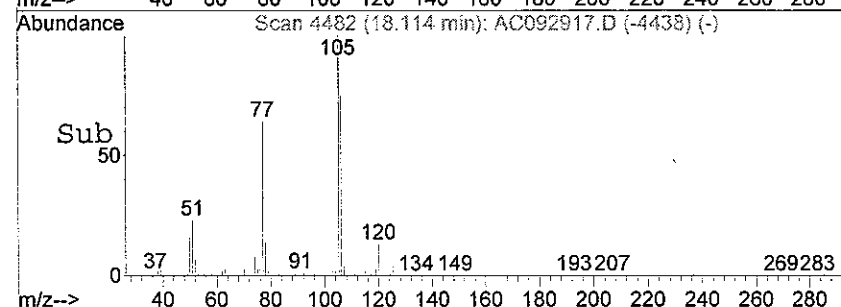
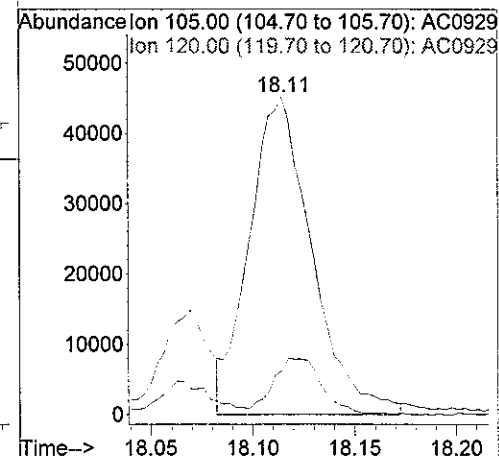
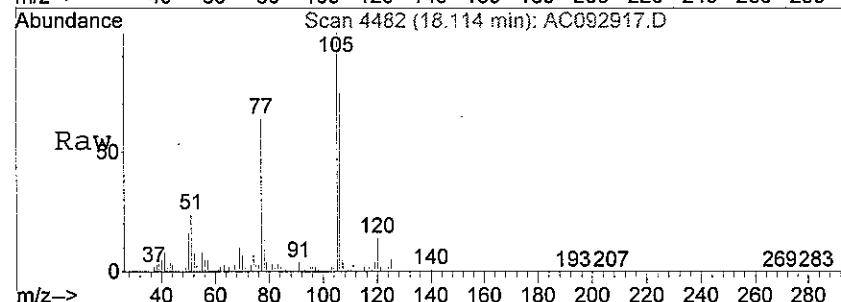
#60
4-ethyltoluene
Concen: 0.32 ppb
RT: 18.07 min Scan# 4468
Delta R.T. 0.00 min
Lab File: AC092917.D
Acq: 30 Sep 2005 12:10 am

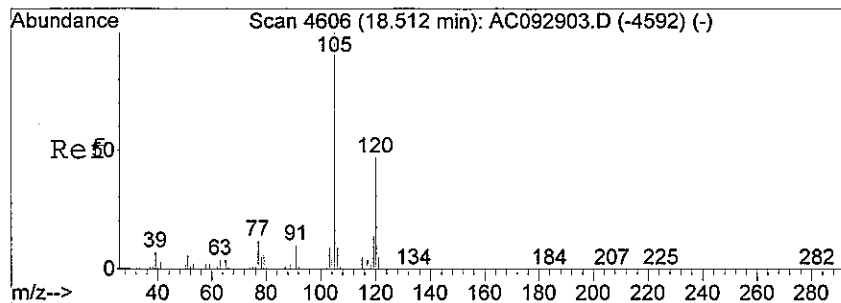
Tgt Ion:105 Resp: 23590
Ion Ratio Lower Upper
105 100
120 33.1 8.6 48.6



#61
1,3,5-trimethylbenzene
Concen: 0.94 ppb m
RT: 18.11 min Scan# 4482
Delta R.T. -0.01 min
Lab File: AC092917.D
Acq: 30 Sep 2005 12:10 am

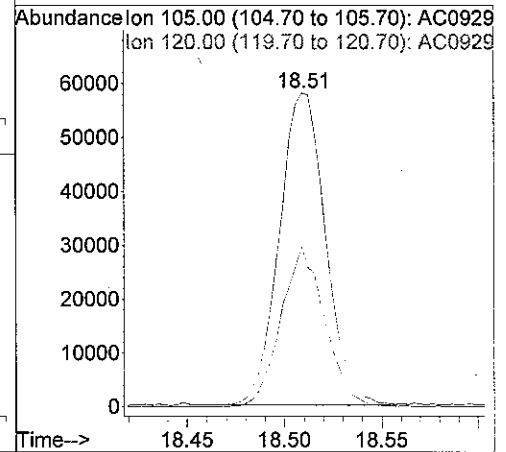
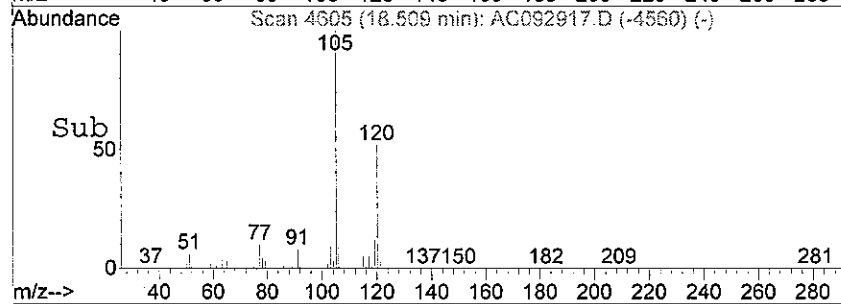
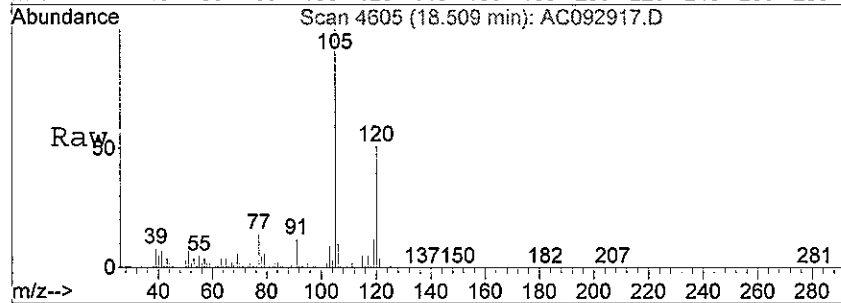
Tgt Ion:105 Resp: 96526
Ion Ratio Lower Upper
105 100
120 7.8 21.5 61.5#





#62
 1,2,4-trimethylbenzene
 Concen: 1.10 ppb
 RT: 18.51 min Scan# 4605
 Delta R.T. -0.01 min
 Lab File: AC092917.D
 Acq: 30 Sep 2005 12:10 am

Tgt Ion:105 Resp: 96265
 Ion Ratio Lower Upper
 105 100
 120 48.6 20.9 60.9



Data File : C:\MSDCHEM\1\DATA\AC092924.D

Vial: 12

Acq On : 30 Sep 2005 4:23 am

Operator: RJP

Sample : C0509018-009A 5x

Inst : MSD #1

Misc : C0509018-009A

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Sep 30 04:46:24 2005

Quant Results File: A905_1UT.RES

Quant Method : C:\MSDCHEM\1\METHODS\A905_1UT.M (RTE Integrator)

Title : TO-15 VOA Standards for 5 point calibration

Last Update : Tue Sep 06 13:55:05 2005

Response via : Initial Calibration

DataAcq Meth : A905_1UT

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	9.27	128	17770	1.00	ppb	0.00
30) 1,4-difluorobenzene	11.57	114	52230	1.00	ppb	-0.02
44) Chlorobenzene-d5	16.03	117	57628	1.00	ppb	0.00

System Monitoring Compounds

58) Bromofluorobenzene	17.53	95	30021	1.02	ppb	0.00
Spiked Amount	1.000	Range	70 - 130	Recovery	=	102.00%

Target Compounds

						Qvalue
12) Acetone	5.89	58	19684m <i>p</i>	2.22	ppb	
15) Freon 113	6.35	101	28636	0.54	ppb	# 82
45) Toluene	14.20	92	29865	0.76	ppb	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed
AC092924.D A905_1UT.M Sun Oct 09 14:18:56 2005 MSA Page 1

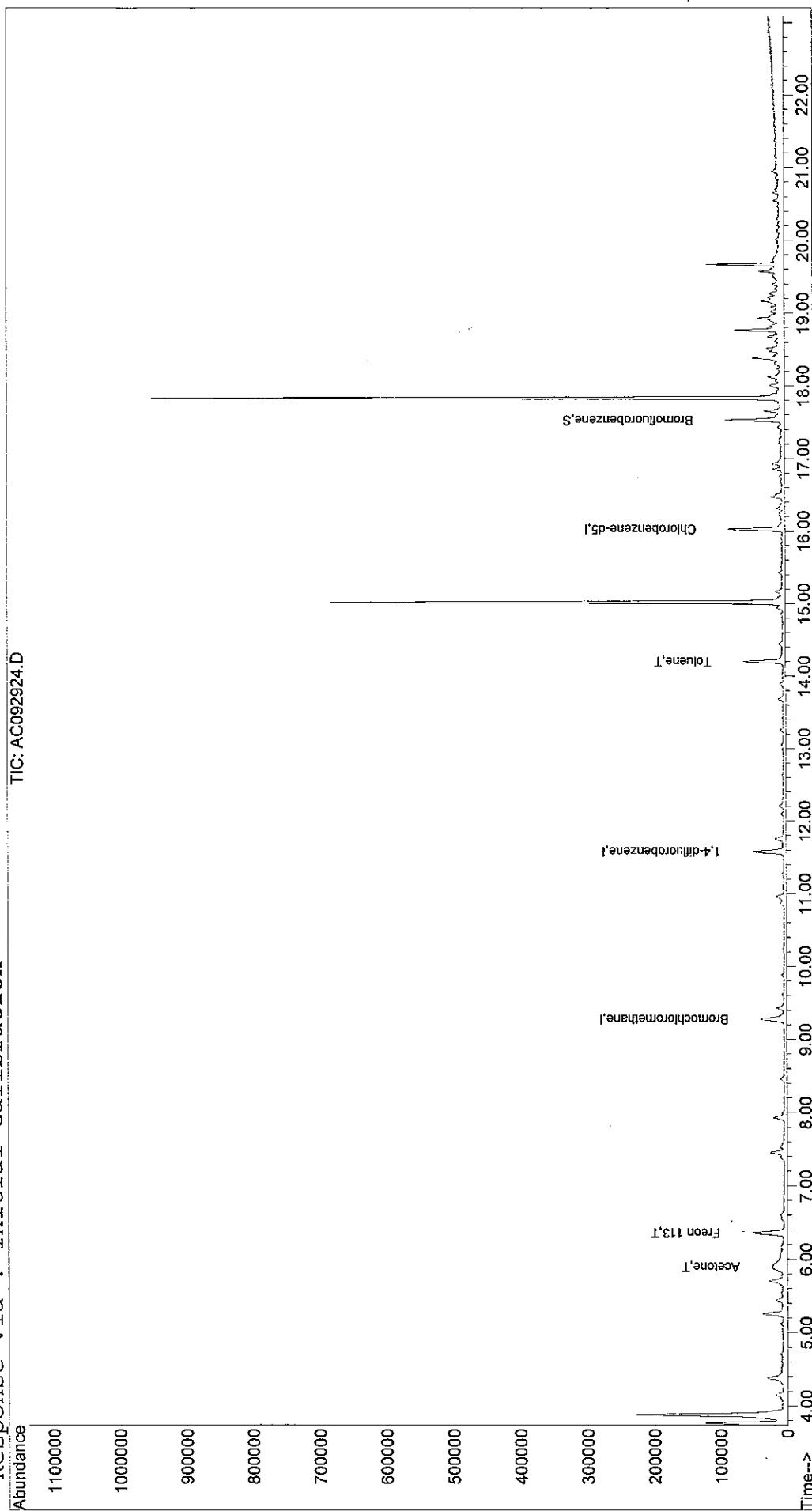
Data File : C:\MSDCHEM\1\DATA\AC092924.D
Acq On : 30 Sep 2005 4:23 am
Sample : C0509018-009A 5x
Misc : C0509018-009A
MS Integration Params: RTEINT.P
Quant Time: Sep 30 8:35 2005

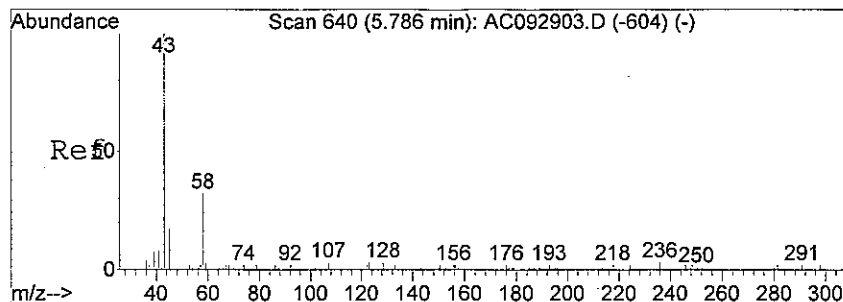
Vial: 12
Operator: RJP
Inst : MSD #1
Multiplr: 1.00

Quant Results File: A905_1UT.RES

Method : C:\MSDCHEM\1\METHODS\A905_1UT.M (RTE Integrator)
Title : TO-15 VOA Standards for 5 point calibration
Last Update : Sun Oct 09 14:17:27 2005
Response via : Initial Calibration

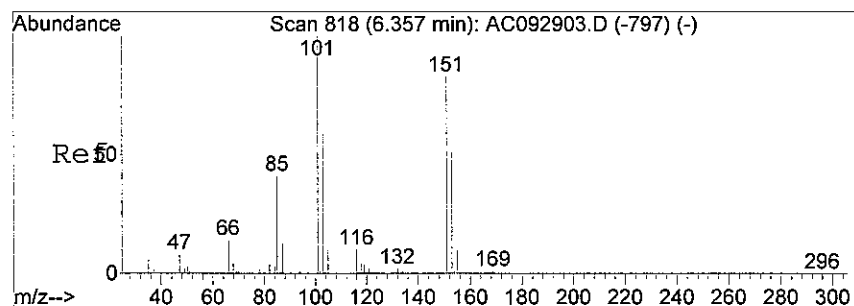
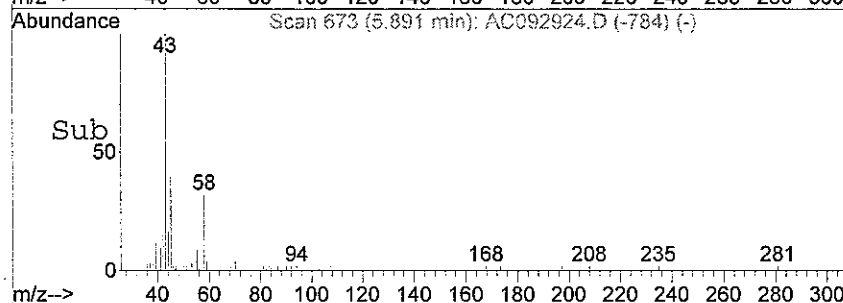
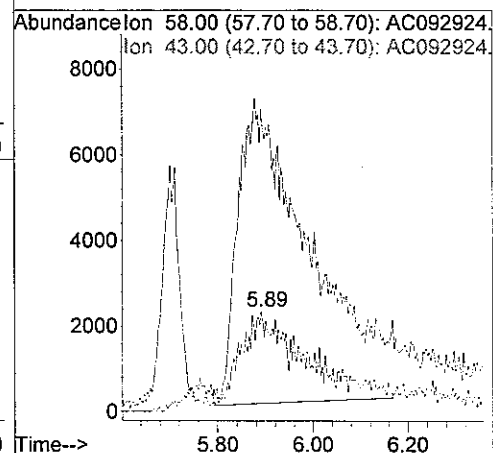
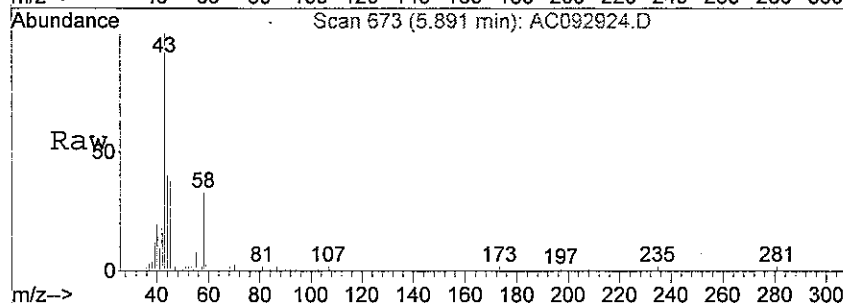
TIC: AC092924.D





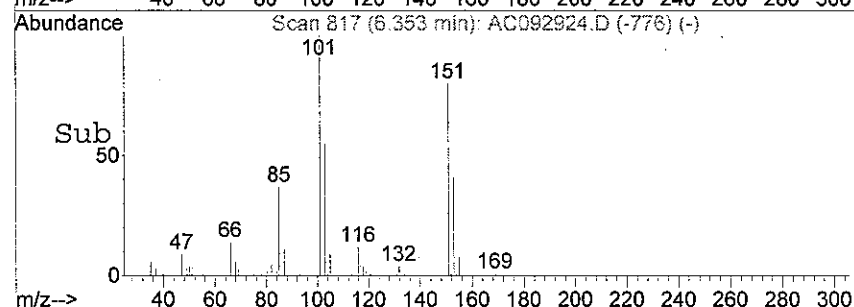
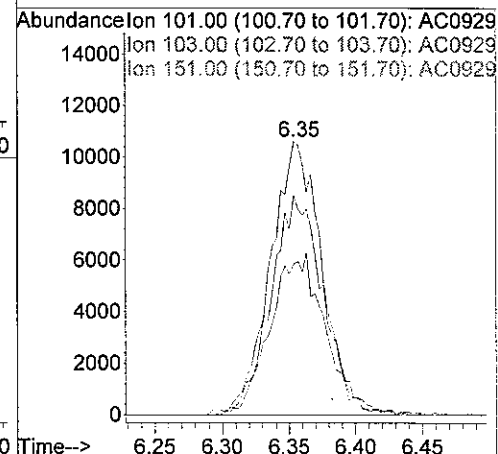
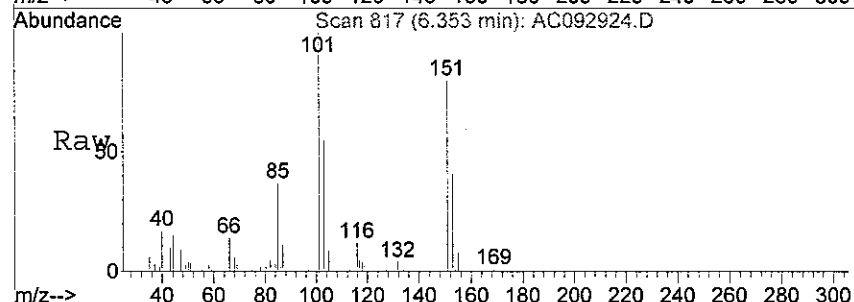
#12
Acetone
Concen: 2.22 ppb m
RT: 5.89 min Scan# 673
Delta R.T. -0.51 min
Lab File: AC092924.D
Acq: 30 Sep 2005 4:23 am

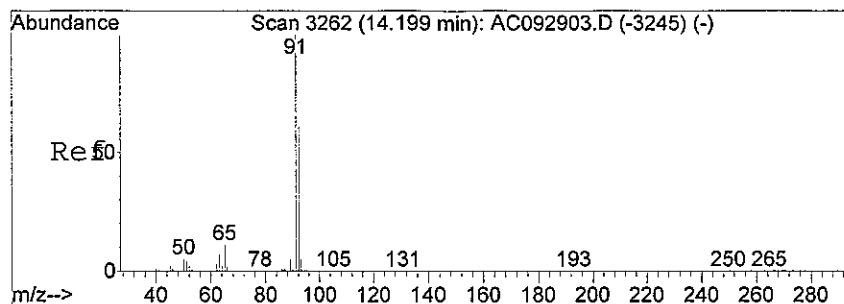
Tgt Ion: 58 Resp: 19684
Ion Ratio Lower Upper
58 100
43 0.9 0.0 30.0



#15
Freon 113
Concen: 0.54 ppb
RT: 6.35 min Scan# 817
Delta R.T. -0.02 min
Lab File: AC092924.D
Acq: 30 Sep 2005 4:23 am

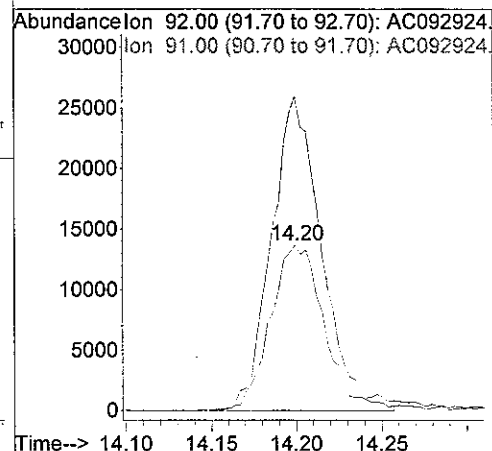
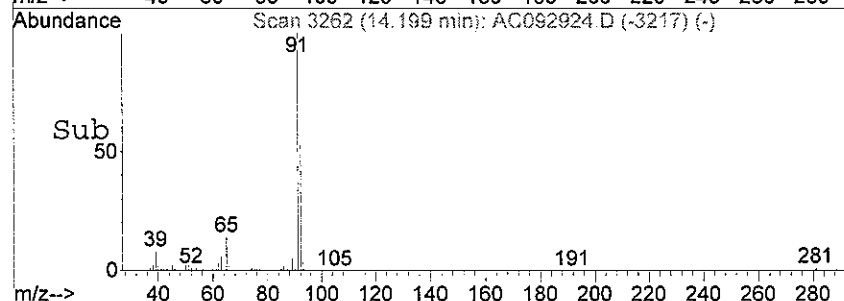
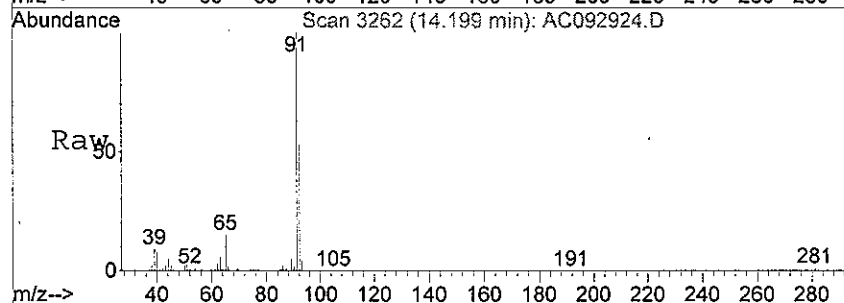
Tgt Ion: 101 Resp: 28636
Ion Ratio Lower Upper
101 100
103 61.1 13.9 53.9#
151 80.8 66.6 106.6





#45
Toluene
Concen: 0.76 ppb
RT: 14.20 min Scan# 3262
Delta R.T. -0.01 min
Lab File: AC092924.D
Acq: 30 Sep 2005 4:23 am

Tgt Ion: 92 Resp: 29865
Ion Ratio Lower Upper
92 100
91 175.8 151.0 191.0



Centek Laboratories, LLC

Date: 09-Oct-05

CLIENT: ESC Environmental
 Lab Order: C0509018
 Project: 127491.05
 Lab ID: C0509018-010A

Client Sample ID: RD3IAB092205
 Tag Number: 210
 Collection Date: 9/22/2005
 Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15 1UG/M3 W/ 0.25UG/M3 TCE		TO-15		Analyst: RJP		
1,1,1-Trichloroethane	0.170	0.150		ppbV	1	9/29/2005
1,1,2,2-Tetrachloroethane	ND	0.150		ppbV	1	9/29/2005
1,1,2-Trichloroethane	ND	0.150		ppbV	1	9/29/2005
1,1-Dichloroethane	ND	0.150		ppbV	1	9/29/2005
1,1-Dichloroethene	ND	0.150		ppbV	1	9/29/2005
1,2,4-Trichlorobenzene	ND	0.150		ppbV	1	9/29/2005
1,2,4-Trimethylbenzene	0.690	0.150		ppbV	1	9/29/2005
1,2-Dibromoethane	ND	0.150		ppbV	1	9/29/2005
1,2-Dichlorobenzene	ND	0.150		ppbV	1	9/29/2005
1,2-Dichloroethane	ND	0.150		ppbV	1	9/29/2005
1,2-Dichloropropane	ND	0.150		ppbV	1	9/29/2005
1,3,5-Trimethylbenzene	0.400	0.150		ppbV	1	9/29/2005
1,3-butadiene	ND	0.150		ppbV	1	9/29/2005
1,3-Dichlorobenzene	ND	0.150		ppbV	1	9/29/2005
1,4-Dichlorobenzene	ND	0.150		ppbV	1	9/29/2005
1,4-Dioxane	ND	0.300		ppbV	1	9/29/2005
2,2,4-trimethylpentane	ND	0.150		ppbV	1	9/29/2005
4-ethyltoluene	0.160	0.150		ppbV	1	9/29/2005
Acetone	13.6	3.00		ppbV	10	9/29/2005
Allyl chloride	ND	0.150		ppbV	1	9/29/2005
Benzene	0.370	0.150		ppbV	1	9/29/2005
Benzyl chloride	ND	0.150		ppbV	1	9/29/2005
Bromodichloromethane	ND	0.150		ppbV	1	9/29/2005
Bromoform	ND	0.150		ppbV	1	9/29/2005
Bromomethane	ND	0.150		ppbV	1	9/29/2005
Carbon disulfide	ND	0.150		ppbV	1	9/29/2005
Carbon tetrachloride	ND	0.150		ppbV	1	9/29/2005
Chlorobenzene	ND	0.150		ppbV	1	9/29/2005
Chloroethane	ND	0.150		ppbV	1	9/29/2005
Chloroform	1.27	0.150		ppbV	1	9/29/2005
Chloromethane	0.590	0.150		ppbV	1	9/29/2005
cis-1,2-Dichloroethene	ND	0.150		ppbV	1	9/29/2005
cis-1,3-Dichloropropene	ND	0.150		ppbV	1	9/29/2005
Cyclohexane	0.870	0.150		ppbV	1	9/29/2005
Dibromochloromethane	ND	0.150		ppbV	1	9/29/2005
Ethyl acetate	ND	0.250		ppbV	1	9/29/2005
Ethylbenzene	0.190	0.150		ppbV	1	9/29/2005
Freon 11	0.410	0.150		ppbV	1	9/29/2005
Freon 113	1.12	0.150		ppbV	1	9/29/2005
Freon 114	ND	0.150		ppbV	1	9/29/2005

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 at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 09-Oct-05

CLIENT: ESC Environmental
Lab Order: C0509018
Project: 127491.05
Lab ID: C0509018-010A

Client Sample ID: RD3IAB092205
Tag Number: 210
Collection Date: 9/22/2005
Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15 1UG/M3 W/ 0.25UG/M3 TCE		TO-15		Analyst: RJP		
Freon 12	0.760	0.150		ppbV	1	9/29/2005
Heptane	ND	0.150		ppbV	1	9/29/2005
Hexachloro-1,3-butadiene	ND	0.150		ppbV	1	9/29/2005
Hexane	0.460	0.150		ppbV	1	9/29/2005
Isopropyl alcohol	ND	0.150		ppbV	1	9/29/2005
m-Xylene	0.440	0.150		ppbV	1	9/29/2005
Methyl Butyl Ketone	ND	0.300		ppbV	1	9/29/2005
Methyl Ethyl Ketone	ND	0.300		ppbV	1	9/29/2005
Methyl Isobutyl Ketone	ND	0.300		ppbV	1	9/29/2005
Methyl tert-butyl ether	ND	0.150		ppbV	1	9/29/2005
Methylene chloride	0.370	0.150		ppbV	1	9/29/2005
o-Xylene	0.300	0.150		ppbV	1	9/29/2005
p-Xylene	0.240	0.150		ppbV	1	9/29/2005
Propylene	ND	0.150		ppbV	1	9/29/2005
Styrene	ND	0.150		ppbV	1	9/29/2005
Tetrachloroethylene	0.410	0.150		ppbV	1	9/29/2005
Tetrahydrofuran	ND	0.150		ppbV	1	9/29/2005
Toluene	1.80	0.150		ppbV	1	9/29/2005
trans-1,2-Dichloroethene	ND	0.150		ppbV	1	9/29/2005
trans-1,3-Dichloropropene	ND	0.150		ppbV	1	9/29/2005
Trichloroethene	0.240	0.0400		ppbV	1	9/29/2005
Vinyl acetate	ND	0.150		ppbV	1	9/29/2005
Vinyl Bromide	ND	0.150		ppbV	1	9/29/2005
Vinyl chloride	ND	0.150		ppbV	1	9/29/2005
Surr: Bromofluorobenzene	113	70-130		%REC	1	9/29/2005

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 at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 09-Oct-05

CLIENT: ESC Environmental
Lab Order: C0509018
Project: 127491.05
Lab ID: C0509018-010A

Client Sample ID: RD31AB092205
Tag Number: 210
Collection Date: 9/22/2005
Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15 1UG/M3 W/ 0.25UG/M3 TCE				TO-15		Analyst: RJP
1,1,1-Trichloroethane	0.943	0.832		ug/m3	1	9/29/2005
1,1,2,2-Tetrachloroethane	ND	1.05		ug/m3	1	9/29/2005
1,1,2-Trichloroethane	ND	0.832		ug/m3	1	9/29/2005
1,1-Dichloroethane	ND	0.617		ug/m3	1	9/29/2005
1,1-Dichloroethene	ND	0.605		ug/m3	1	9/29/2005
1,2,4-Trichlorobenzene	ND	1.13		ug/m3	1	9/29/2005
1,2,4-Trimethylbenzene	3.45	0.749		ug/m3	1	9/29/2005
1,2-Dibromoethane	ND	1.17		ug/m3	1	9/29/2005
1,2-Dichlorobenzene	ND	0.917		ug/m3	1	9/29/2005
1,2-Dichloroethane	ND	0.617		ug/m3	1	9/29/2005
1,2-Dichloropropane	ND	0.705		ug/m3	1	9/29/2005
1,3,5-Trimethylbenzene	2.00	0.750		ug/m3	1	9/29/2005
1,3-butadiene	ND	0.337		ug/m3	1	9/29/2005
1,3-Dichlorobenzene	ND	0.917		ug/m3	1	9/29/2005
1,4-Dichlorobenzene	ND	0.917		ug/m3	1	9/29/2005
1,4-Dioxane	ND	1.10		ug/m3	1	9/29/2005
2,2,4-trimethylpentane	ND	0.712		ug/m3	1	9/29/2005
4-ethyltoluene	0.800	0.750		ug/m3	1	9/29/2005
Acetone	32.8	7.24		ug/m3	10	9/29/2005
Allyl chloride	ND	0.477		ug/m3	1	9/29/2005
Benzene	1.20	0.487		ug/m3	1	9/29/2005
Benzyl chloride	ND	0.877		ug/m3	1	9/29/2005
Bromodichloromethane	ND	1.02		ug/m3	1	9/29/2005
Bromoform	ND	1.58		ug/m3	1	9/29/2005
Bromomethane	ND	0.592		ug/m3	1	9/29/2005
Carbon disulfide	ND	0.475		ug/m3	1	9/29/2005
Carbon tetrachloride	ND	0.959		ug/m3	1	9/29/2005
Chlorobenzene	ND	0.702		ug/m3	1	9/29/2005
Chloroethane	ND	0.402		ug/m3	1	9/29/2005
Chloroform	6.30	0.744		ug/m3	1	9/29/2005
Chloromethane	1.24	0.315		ug/m3	1	9/29/2005
cis-1,2-Dichloroethene	ND	0.604		ug/m3	1	9/29/2005
cis-1,3-Dichloropropene	ND	0.692		ug/m3	1	9/29/2005
Cyclohexane	3.04	0.525		ug/m3	1	9/29/2005
Dibromochloromethane	ND	1.30		ug/m3	1	9/29/2005
Ethyl acetate	ND	0.916		ug/m3	1	9/29/2005
Ethylbenzene	0.839	0.662		ug/m3	1	9/29/2005
Freon 11	2.34	0.857		ug/m3	1	9/29/2005
Freon 113	8.72	1.17		ug/m3	1	9/29/2005
Freon 114	ND	1.07		ug/m3	1	9/29/2005

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 at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 09-Oct-05

CLIENT: ESC Environmental
Lab Order: C0509018
Project: 127491.05
Lab ID: C0509018-010A

Client Sample ID: RD31AB092205
Tag Number: 210
Collection Date: 9/22/2005
Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15 1UG/M3 W/ 0.25UG/M3 TCE		TO-15		Analyst: RJP		
Freon 12	3.82	0.754		ug/m3	1	9/29/2005
Heptane	ND	0.625		ug/m3	1	9/29/2005
Hexachloro-1,3-butadiene	ND	1.63		ug/m3	1	9/29/2005
Hexane	1.65	0.537		ug/m3	1	9/29/2005
Isopropyl alcohol	ND	0.375		ug/m3	1	9/29/2005
m-Xylene	1.94	0.662		ug/m3	1	9/29/2005
Methyl Butyl Ketone	ND	1.25		ug/m3	1	9/29/2005
Methyl Ethyl Ketone	ND	0.899		ug/m3	1	9/29/2005
Methyl Isobutyl Ketone	ND	1.25		ug/m3	1	9/29/2005
Methyl tert-butyl ether	ND	0.550		ug/m3	1	9/29/2005
Methylene chloride	1.31	0.530		ug/m3	1	9/29/2005
o-Xylene	1.32	0.662		ug/m3	1	9/29/2005
p-Xylene	1.06	0.662		ug/m3	1	9/29/2005
Propylene	ND	0.262		ug/m3	1	9/29/2005
Styrene	ND	0.649		ug/m3	1	9/29/2005
Tetrachloroethylene	2.83	1.03		ug/m3	1	9/29/2005
Tetrahydrofuran	ND	0.450		ug/m3	1	9/29/2005
Toluene	6.89	0.575		ug/m3	1	9/29/2005
trans-1,2-Dichloroethene	ND	0.604		ug/m3	1	9/29/2005
trans-1,3-Dichloropropene	ND	0.692		ug/m3	1	9/29/2005
Trichloroethene	1.31	0.218		ug/m3	1	9/29/2005
Vinyl acetate	ND	0.537		ug/m3	1	9/29/2005
Vinyl Bromide	ND	0.667		ug/m3	1	9/29/2005
Vinyl chloride	ND	0.390		ug/m3	1	9/29/2005

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 at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Data File : C:\MSDCHEM\1\DATA\AC092910.D

Vial: 10

Acq On : 29 Sep 2005 5:16 pm

Operator: RJP

Sample : C0509018-010A

Inst : MSD #1

Misc : C0509018-010A

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Sep 29 17:39:58 2005

Quant Results File: A905_1UT.RES

Quant Method : C:\MSDCHEM\1\METHODS\A905_1UT.M (RTE Integrator)

Title : TO-15 VOA Standards for 5 point calibration

Last Update : Tue Sep 06 13:55:05 2005

Response via : Initial Calibration

DataAcq Meth : A905_1UT

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	9.28	128	27869	1.00	ppb	0.00
30) 1,4-difluorobenzene	11.58	114	77572	1.00	ppb	0.00
44) Chlorobenzene-d5	16.03	117	89041	1.00	ppb	0.00

System Monitoring Compounds

58) Bromofluorobenzene	17.53	95	51147	1.13	ppb	0.00
Spiked Amount	1.000	Range	70 - 130	Recovery	=	113.00%

Target Compounds

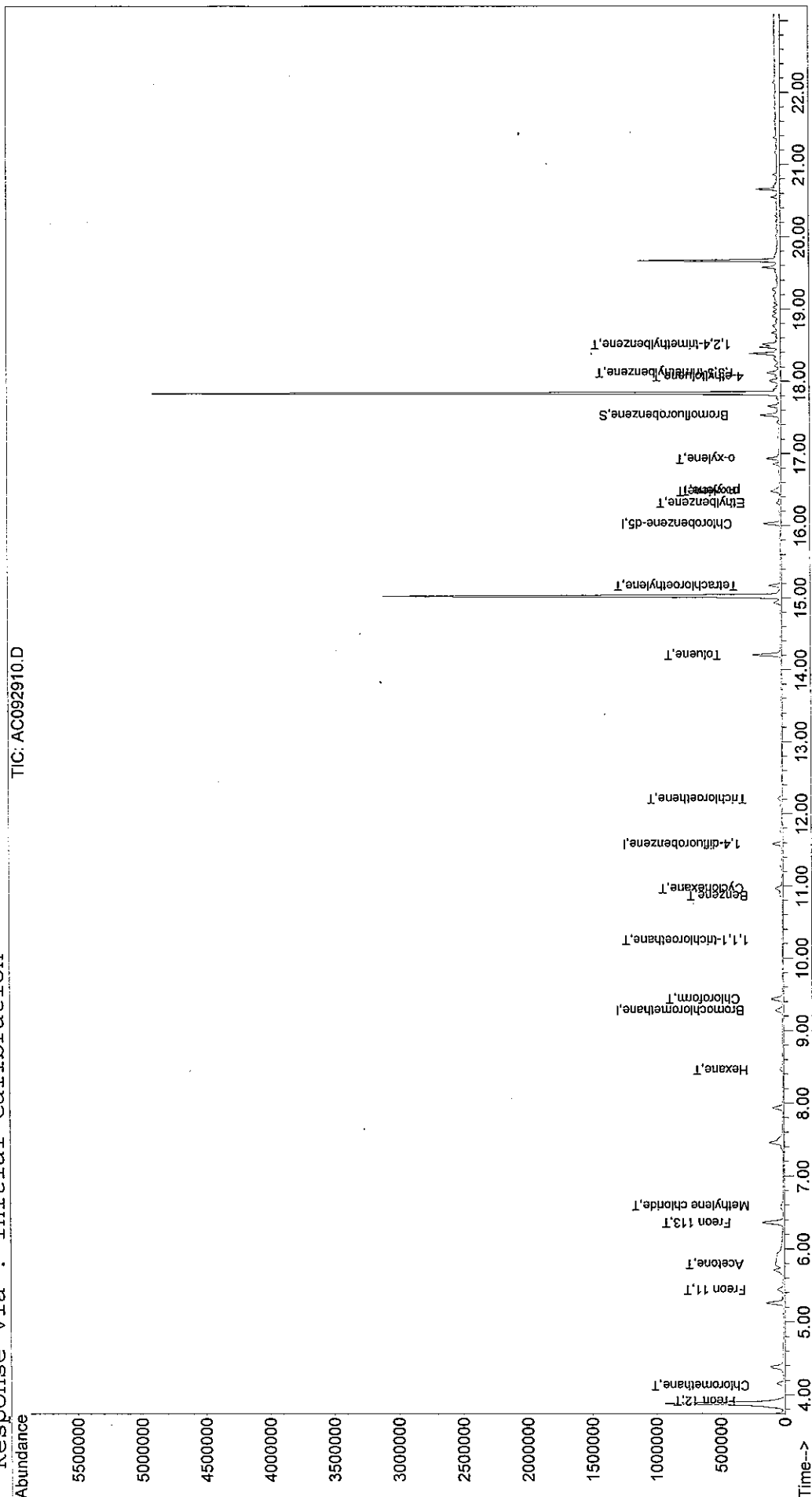
	R.T.	QIon	Response	Conc	Units	Qvalue
3) Freon 12	3.92	85	69112	0.76	ppb	100
4) Chloromethane	4.12	50	18659m	0.59	ppb	
11) Freon 11	5.44	101	49410	0.41	ppb	96
12) Acetone	5.78	58	161404m	11.63	ppb	
15) Freon 113	6.36	101	92753	1.12	ppb	# 82
16) Methylene chloride	6.60	84	11507m	0.37	ppb	
25) Hexane	8.47	41	12929m	0.46	ppb	
27) Chloroform	9.44	83	91057	1.27	ppb	98
31) 1,1,1-trichloroethane	10.26	97	9493m	0.17	ppb	
32) Cyclohexane	10.97	56	23291	0.87	ppb	# 74
34) Benzene	10.87	78	25857	0.37	ppb	# 62
38) Trichloroethene	12.21	130	10279	0.24	ppb	91
45) Toluene	14.21	92	109581	1.80	ppb	98
50) Tetrachloroethylene	15.17	164	20111	0.41	ppb	97
52) Ethylbenzene	16.32	91	20924	0.19	ppb	94
53) m-xylene	16.47	91	39242m	0.44	ppb	
54) p-xylene	16.49	91	24418m	0.24	ppb	
57) o-xylene	16.93	91	33267	0.30	ppb	92
60) 4-ethyltoluene	18.07	105	12092	0.16	ppb	92
61) 1,3,5-trimethylbenzene	18.12	105	41192m	0.40	ppb	
62) 1,2,4-trimethylbenzene	18.51	105	60222	0.69	ppb	86

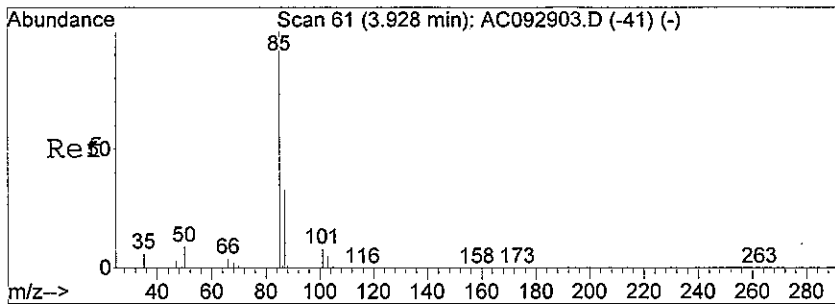
(#) = qualifier out of range (m) = manual integration (+) = signals summed
 AC092910.D A905_1UT.M Sun Oct 09 14:18:11 2005 MSA Page 1

Data File : C:\MSDCHEM\1\DATA\AC092910.D
Acq On : 29 Sep 2005 5:16 pm
Sample : C0509018-010A
Misc : C0509018-010A
MS Integration Params: RTEINT.P
Quant Time: Sep 30 8:07 2005
Quant Results File: A905_1UT.RES

Vial: 10
Operator: RJP
Inst : MSD #1
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\A905_1UT.M (RTE Integrator)
Title : TO-15 VOA Standards for 5 point calibration
Last Update : Sun Oct 09 14:17:27 2005
Response via : Initial Calibration





#3

Freon 12

Concen: 0.76 ppb

RT: 3.92 min Scan# 59

Delta R.T. -0.01 min

Lab File: AC092910.D

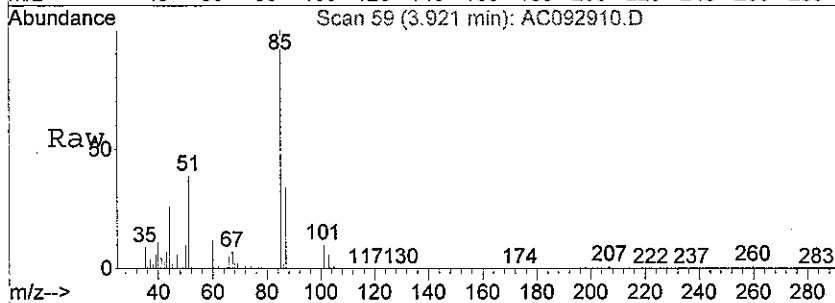
Acq: 29 Sep 2005 5:16 pm

Tgt Ion: 85 Resp: 69112

Ion Ratio Lower Upper

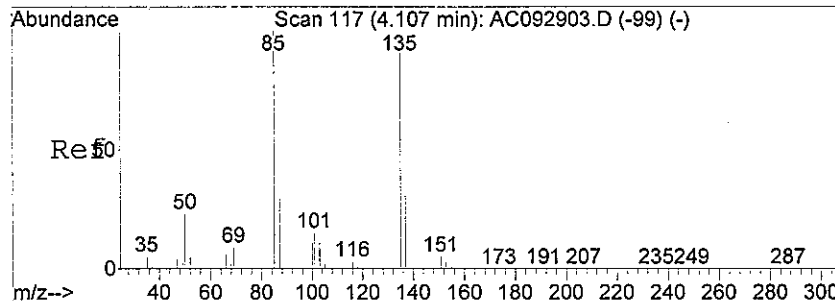
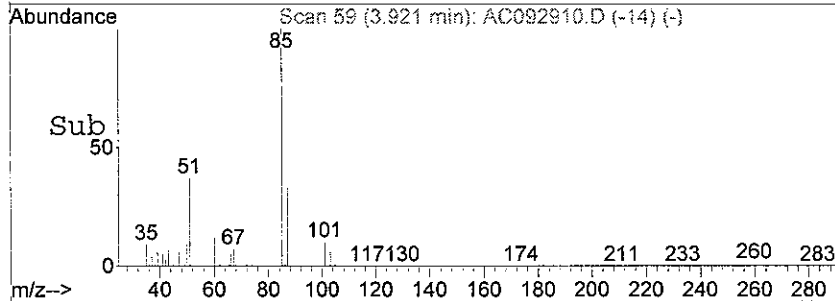
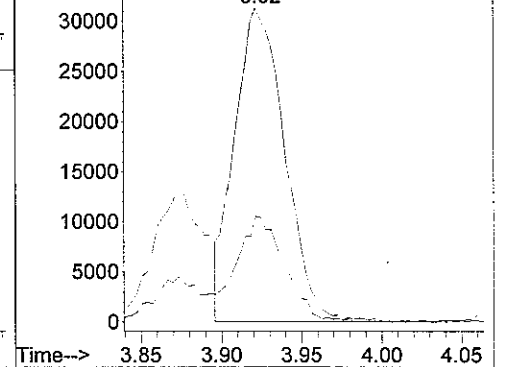
85 100

87 32.1 12.1 52.1



Abundance Ion 85.00 (84.70 to 85.70): AC092910.D

Ion 87.00 (86.70 to 87.70): AC092910.D



#4

Chloromethane

Concen: 0.59 ppb m

RT: 4.12 min Scan# 120

Delta R.T. 0.00 min

Lab File: AC092910.D

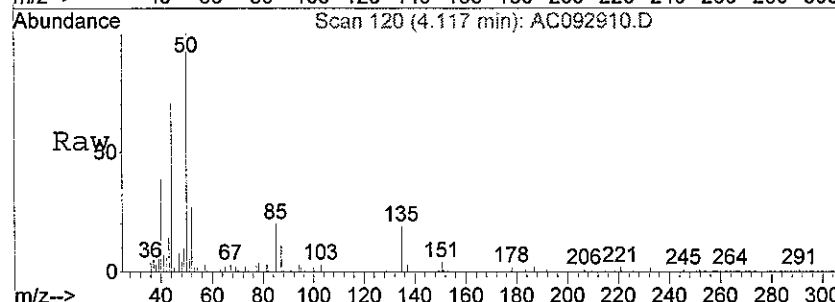
Acq: 29 Sep 2005 5:16 pm

Tgt Ion: 50 Resp: 18659

Ion Ratio Lower Upper

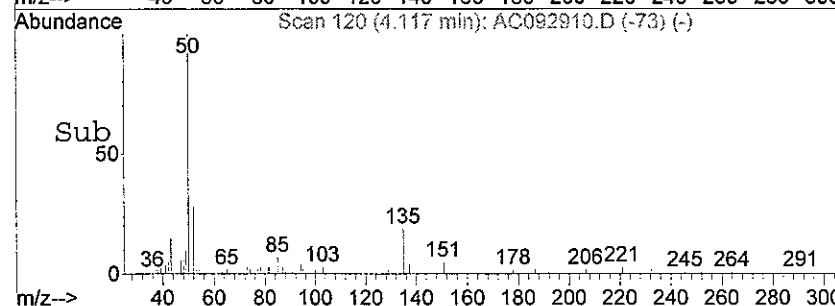
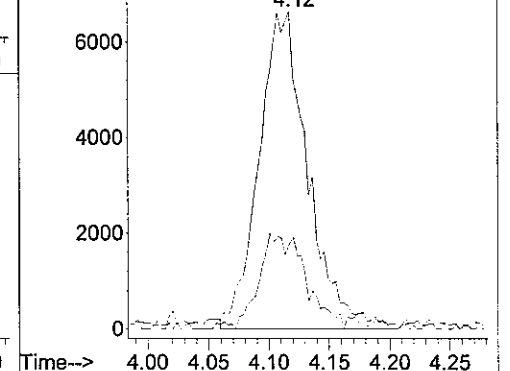
50 100

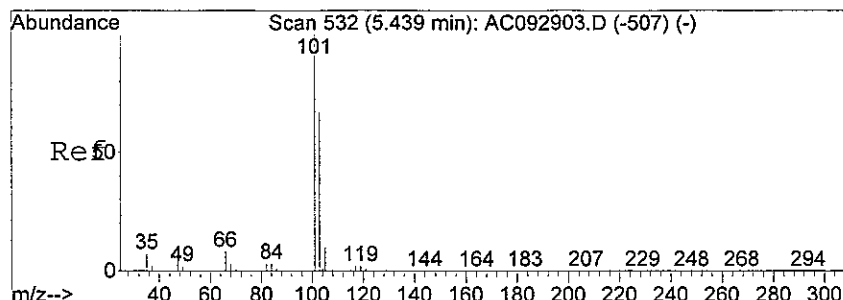
52 0.0 3.3 43.3#



Abundance Ion 50.00 (49.70 to 50.70): AC092910.D

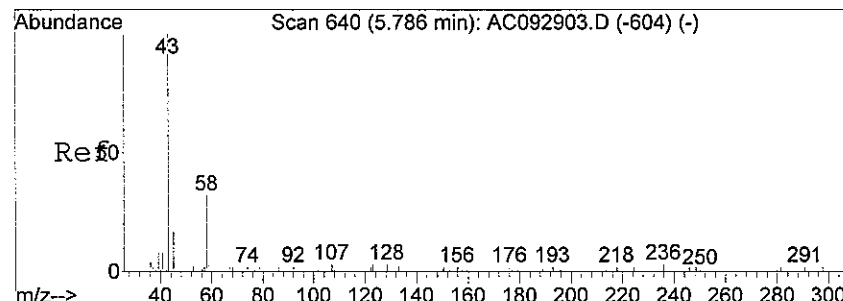
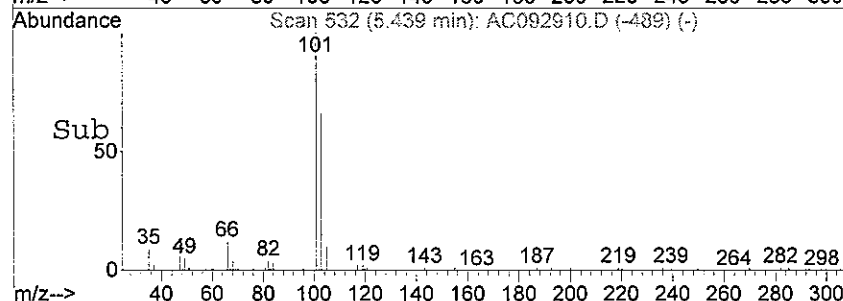
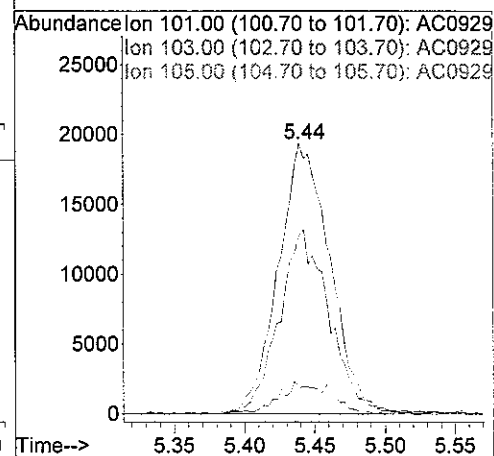
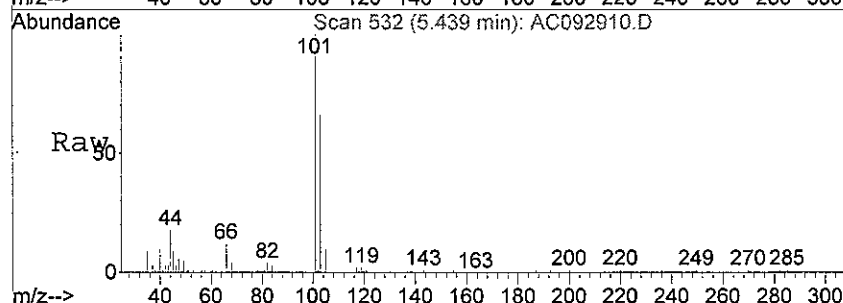
Ion 52.00 (51.70 to 52.70): AC092910.D





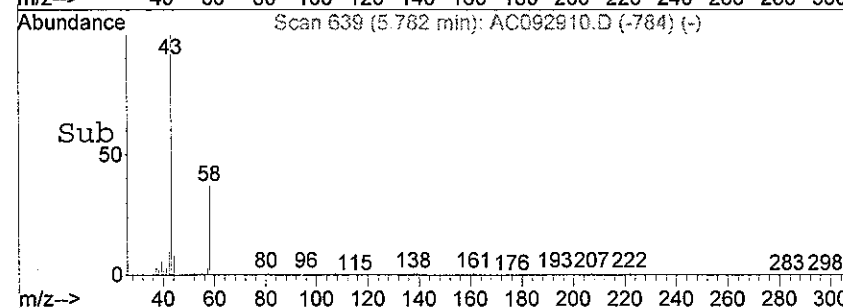
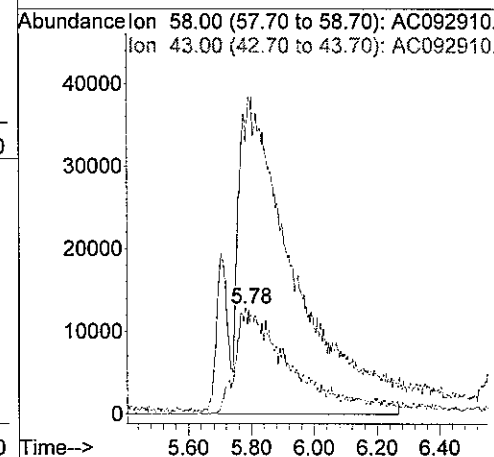
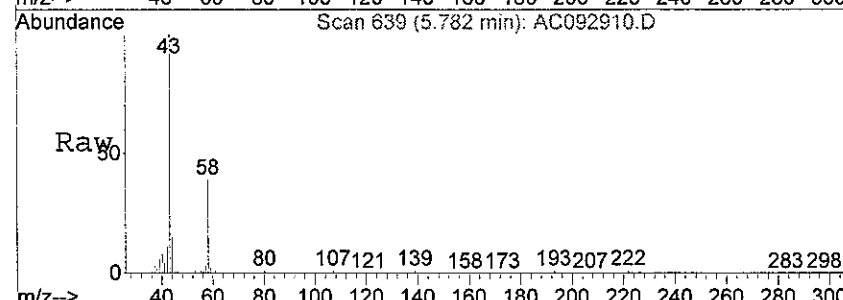
#11
Freon 11
Concen: 0.41 ppb
RT: 5.44 min Scan# 532
Delta R.T. -0.01 min
Lab File: AC092910.D
Acq: 29 Sep 2005 5:16 pm

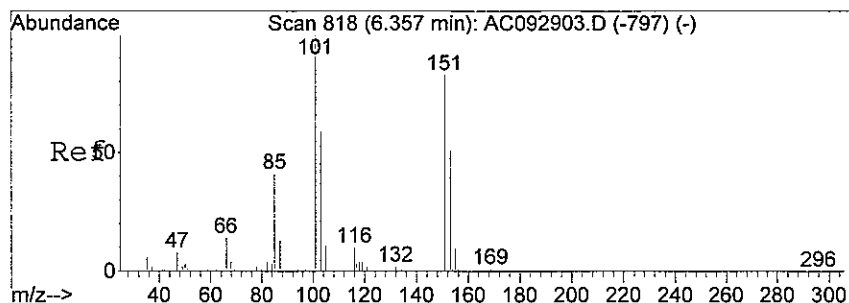
Tgt Ion	Ratio	Lower	Upper
101	100		
103	65.8	43.4	83.4
105	7.5	0.0	30.9



#12
Acetone
Concen: 11.63 ppb m
RT: 5.78 min Scan# 639
Delta R.T. -0.62 min
Lab File: AC092910.D
Acq: 29 Sep 2005 5:16 pm

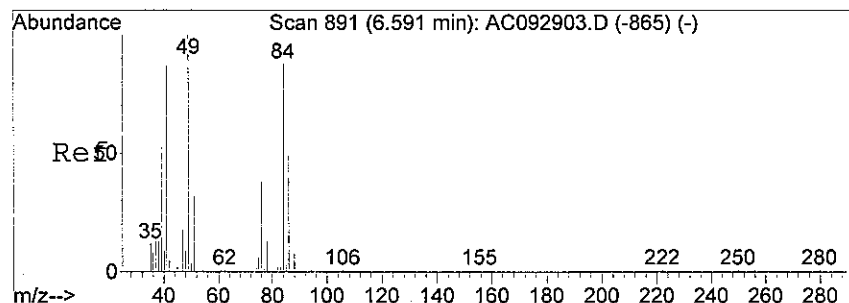
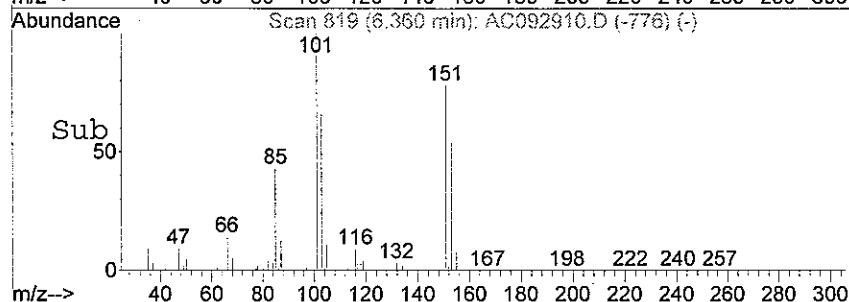
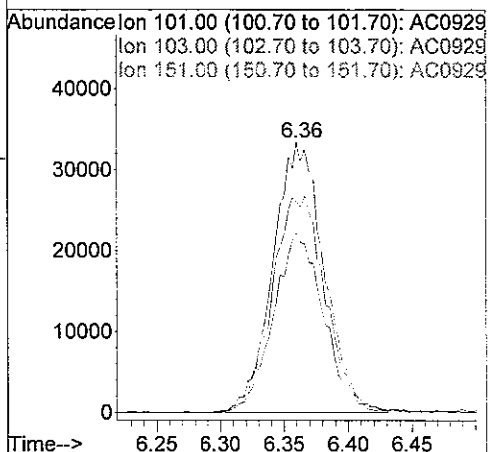
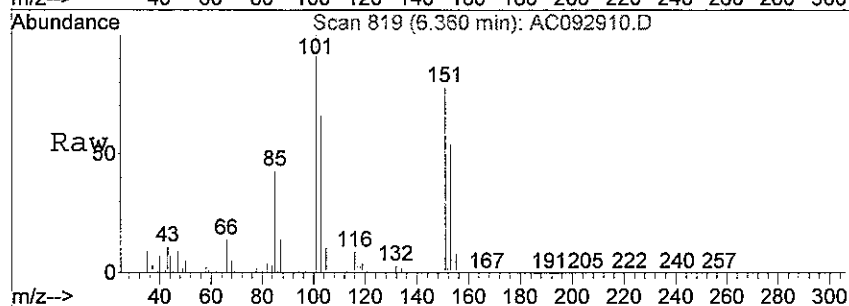
Tgt Ion	Ratio	Lower	Upper
58	100		
43	0.3	0.0	30.0





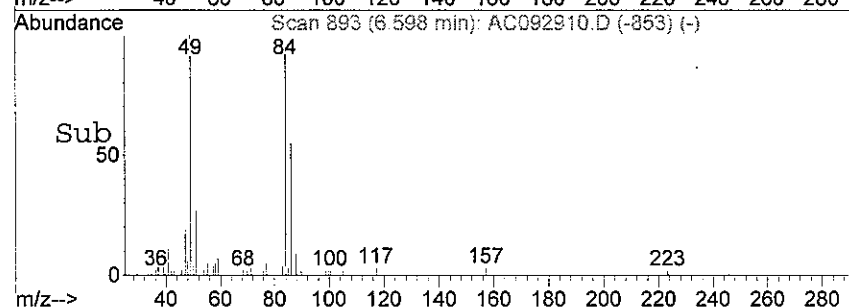
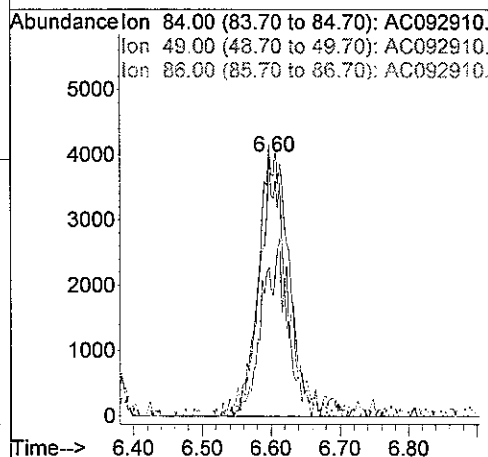
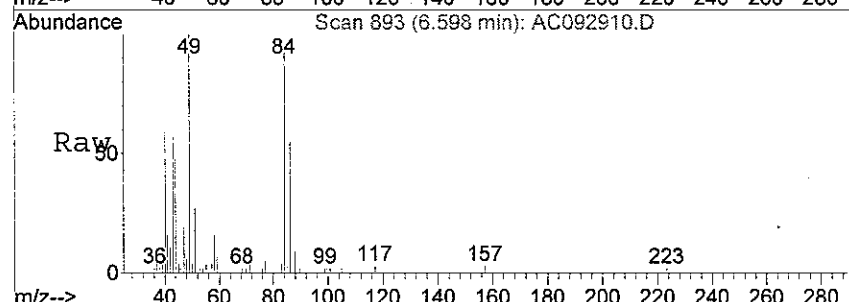
#15
 Freon 113
 Concen: 1.12 ppb
 RT: 6.36 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: AC092910.D
 Acq: 29 Sep 2005 5:16 pm

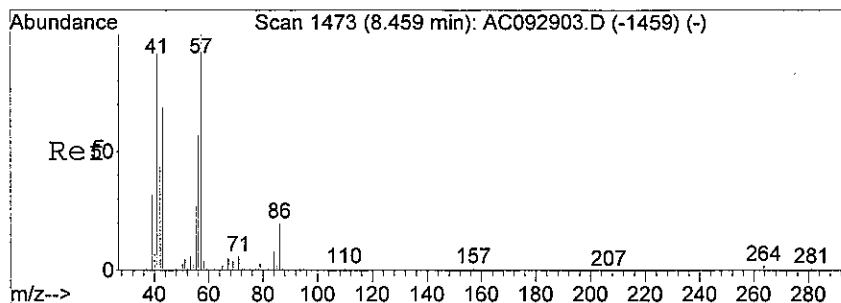
Tgt Ion	Ratio	Lower	Upper
101	100		
103	65.0	13.9	53.9#
151	83.3	66.6	106.6



#16
 Methylene chloride
 Concen: 0.37 ppb m
 RT: 6.60 min Scan# 893
 Delta R.T. -0.02 min
 Lab File: AC092910.D
 Acq: 29 Sep 2005 5:16 pm

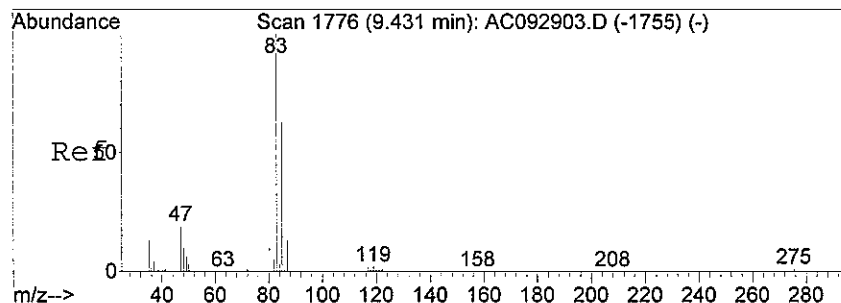
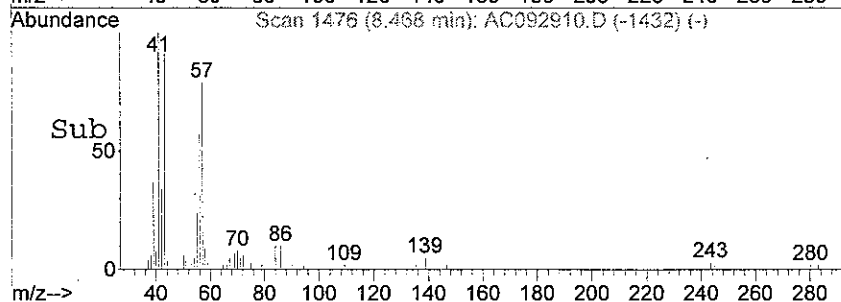
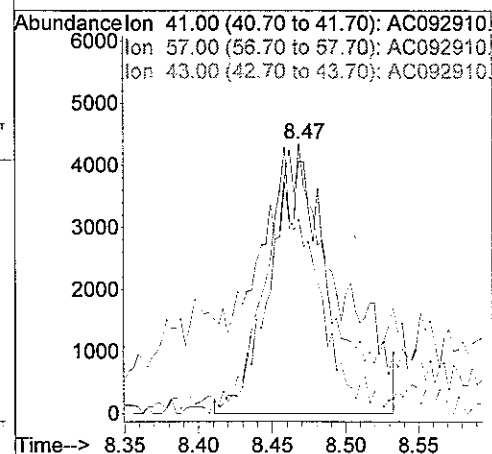
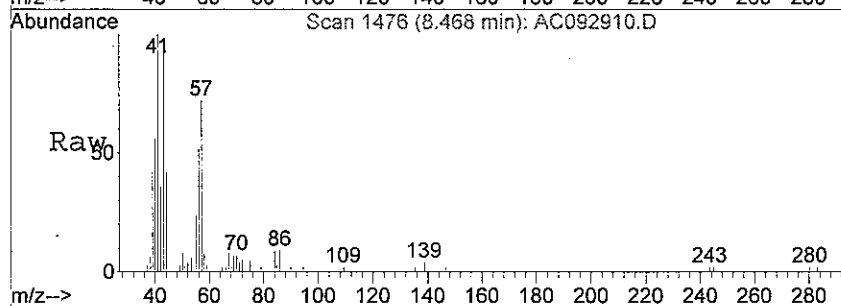
Tgt Ion	Ratio	Lower	Upper
84	100		
49	54.9	163.1	203.1#
86	29.9	48.2	88.2#





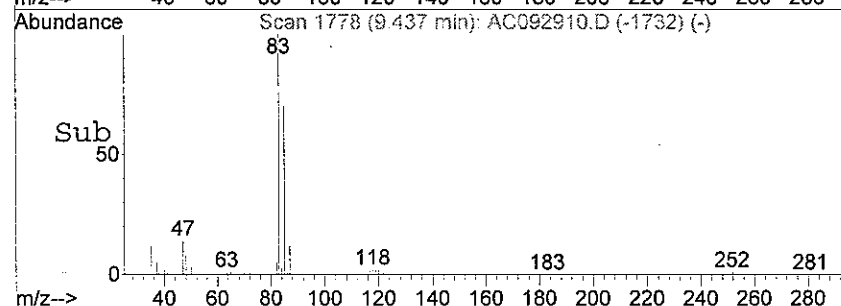
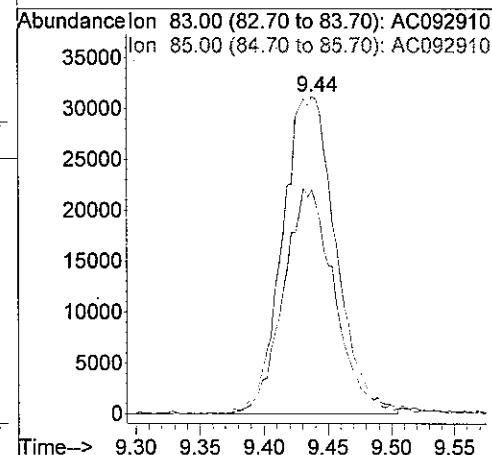
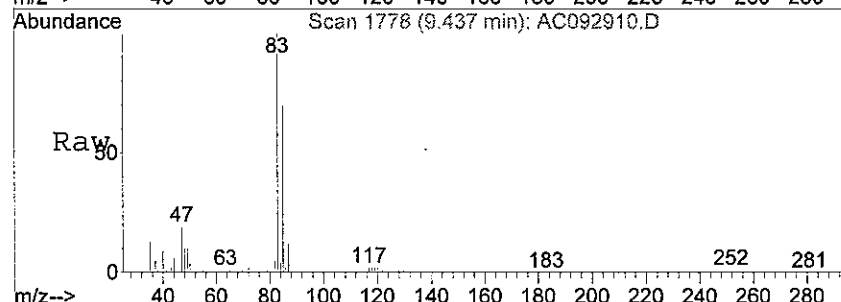
#25
Hexane
Concen: 0.46 ppb m
RT: 8.47 min Scan# 1476
Delta R.T. -0.01 min
Lab File: AC092910.D
Acq: 29 Sep 2005 5:16 pm

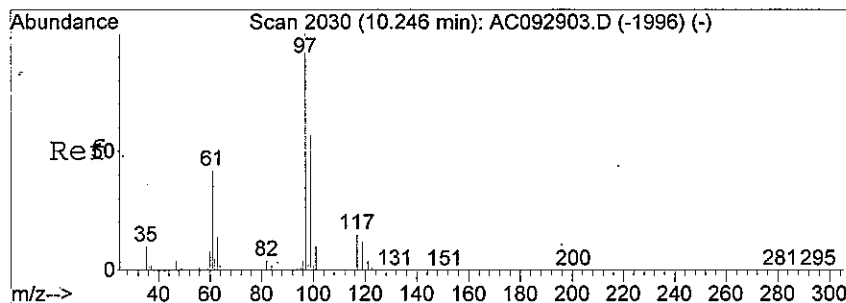
Tgt Ion: 41 Resp: 12929
Ion Ratio Lower Upper
41 100
57 68.0 102.6 142.6#
43 29.4 62.5 102.5#



#27
Chloroform
Concen: 1.27 ppb
RT: 9.44 min Scan# 1778
Delta R.T. -0.00 min
Lab File: AC092910.D
Acq: 29 Sep 2005 5:16 pm

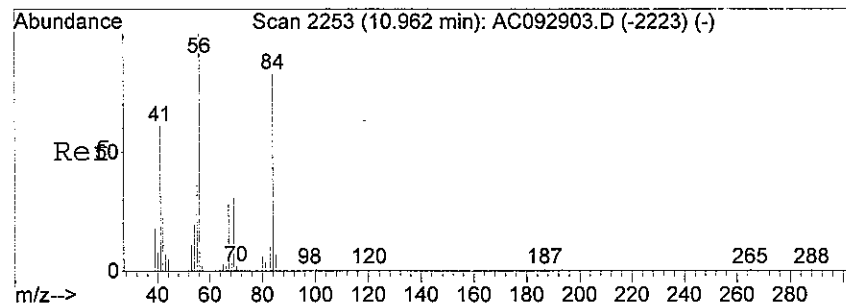
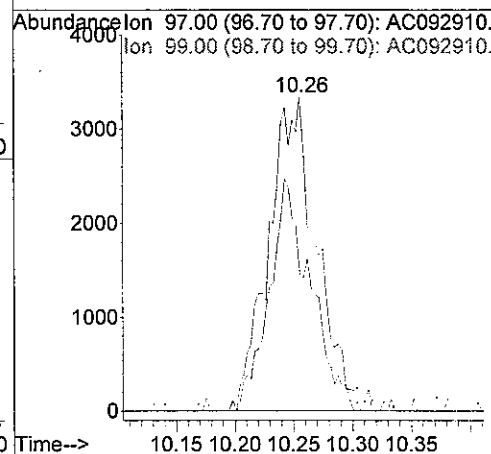
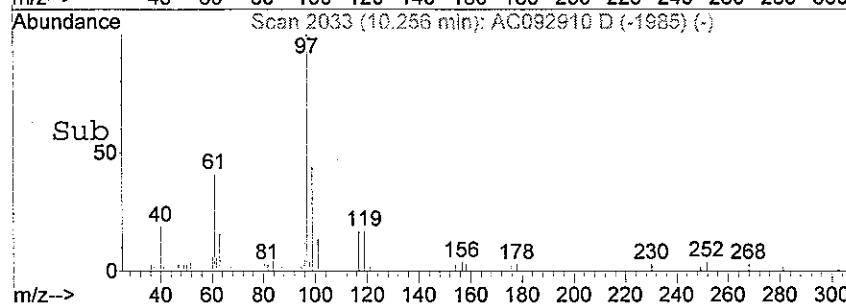
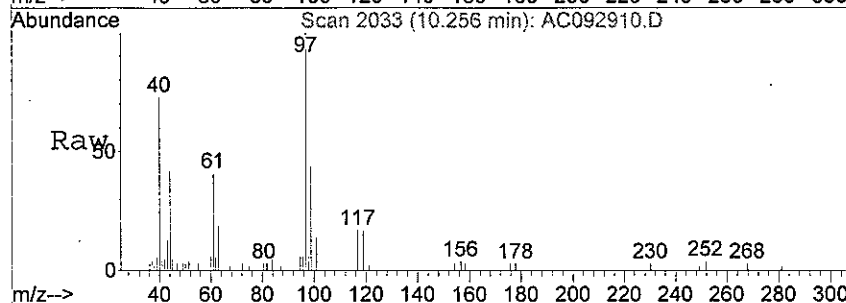
Tgt Ion: 83 Resp: 91057
Ion Ratio Lower Upper
83 100
85 67.7 46.2 86.2





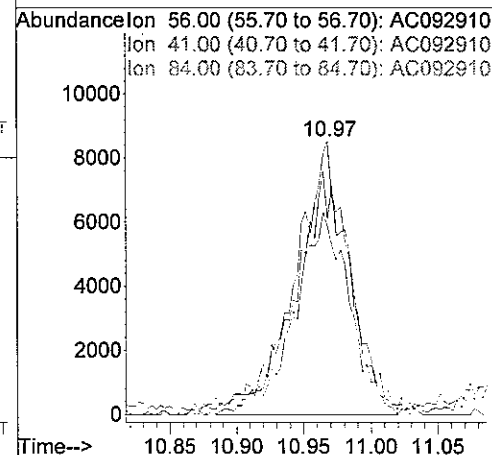
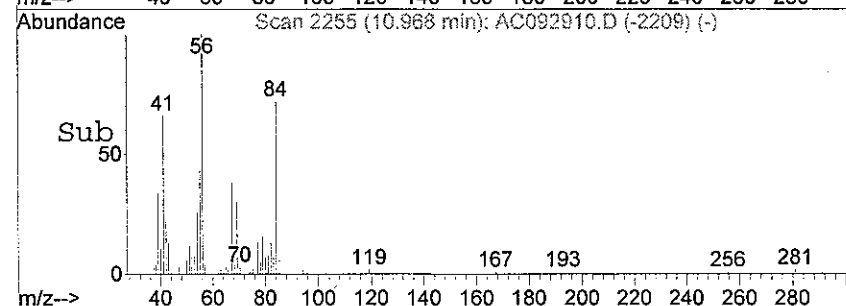
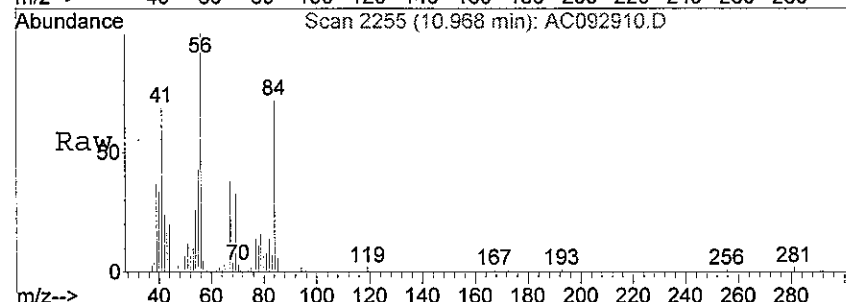
#31
1,1,1-trichloroethane
Concen: 0.17 ppb m
RT: 10.26 min Scan# 2033
Delta R.T. 0.00 min
Lab File: AC092910.D
Acq: 29 Sep 2005 5:16 pm

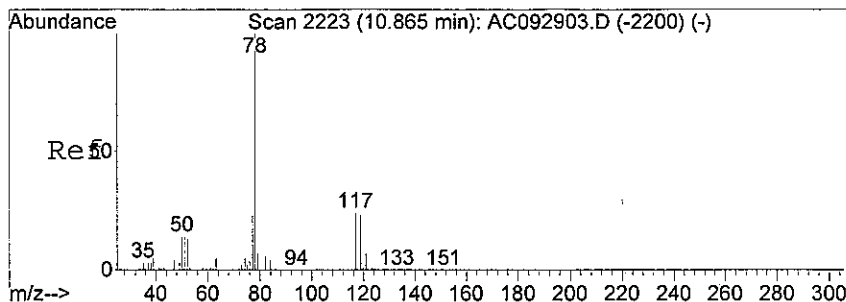
Tgt Ion: 97 Resp: 9493
Ion Ratio Lower Upper
97 100
99 63.5 44.7 84.7



#32
Cyclohexane
Concen: 0.87 ppb
RT: 10.97 min Scan# 2255
Delta R.T. -0.00 min
Lab File: AC092910.D
Acq: 29 Sep 2005 5:16 pm

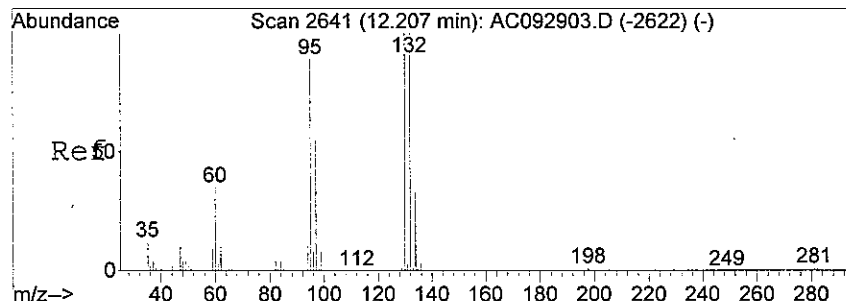
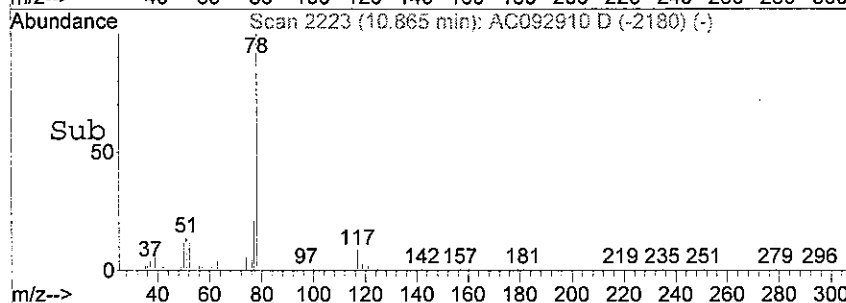
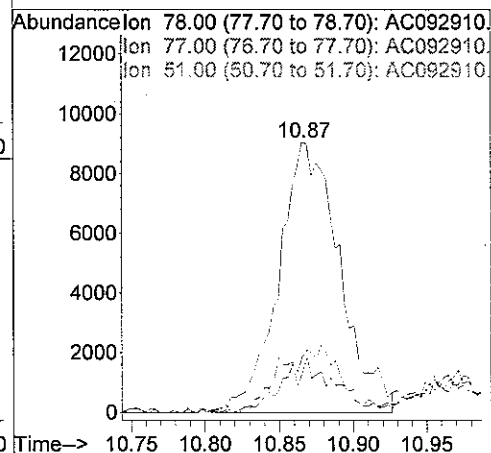
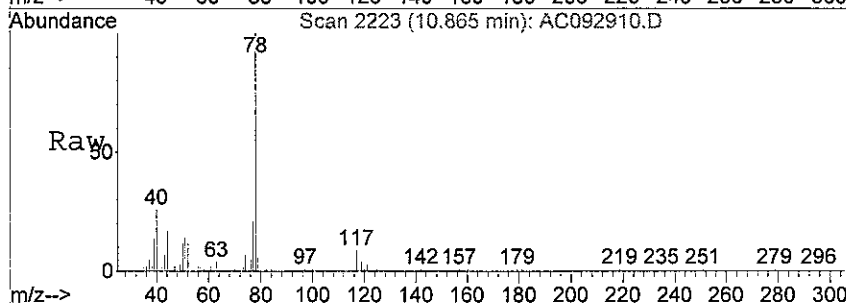
Tgt Ion: 56 Resp: 23291
Ion Ratio Lower Upper
56 100
41 80.4 34.9 74.9#
84 85.4 49.8 89.8





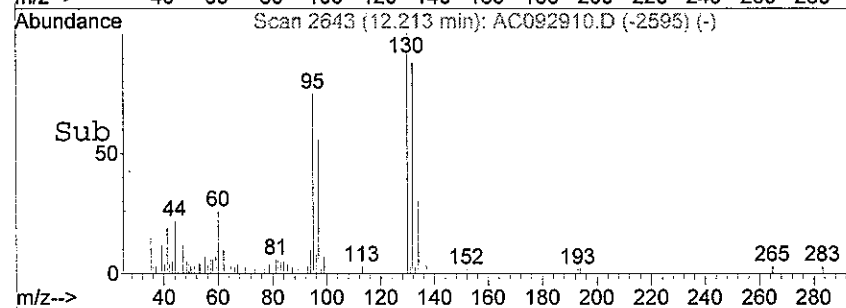
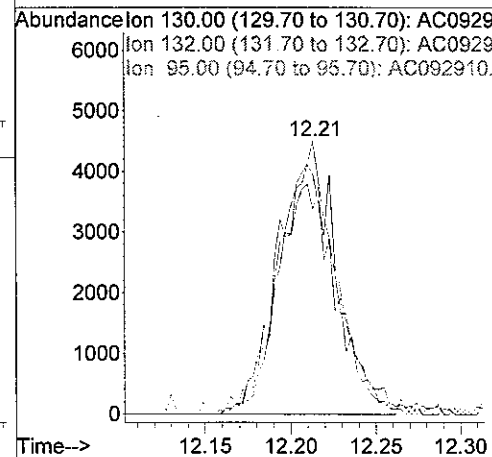
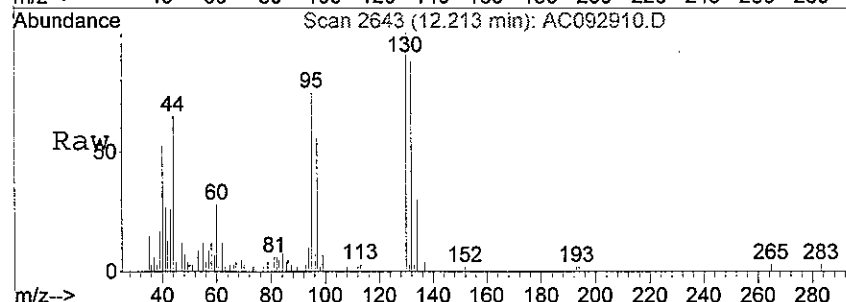
#34
Benzene
Concen: 0.37 ppb
RT: 10.87 min Scan# 2223
Delta R.T. -0.01 min
Lab File: AC092910.D
Acq: 29 Sep 2005 5:16 pm

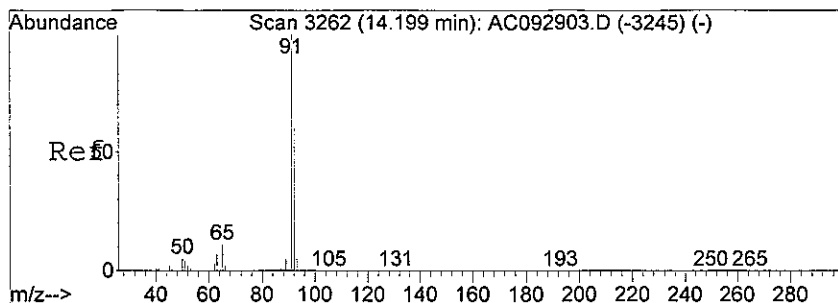
Tgt Ion: 78 Resp: 25857
Ion Ratio Lower Upper
78 100
77 1.7 3.1 43.1#
51 9.2 5.7 45.7



#38
Trichloroethene
Concen: 0.24 ppb
RT: 12.21 min Scan# 2643
Delta R.T. 0.00 min
Lab File: AC092910.D
Acq: 29 Sep 2005 5:16 pm

Tgt Ion: 130 Resp: 10279
Ion Ratio Lower Upper
130 100
132 95.8 76.8 116.8
95 92.2 89.8 129.8





#45

Toluene

Concen: 1.80 ppb

RT: 14.21 min Scan# 3264

Delta R.T. 0.00 min

Lab File: AC092910.D

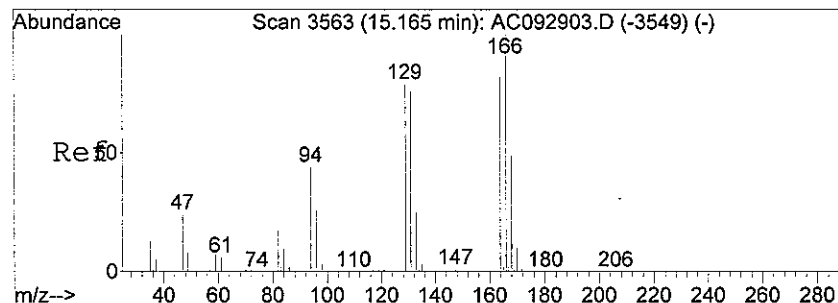
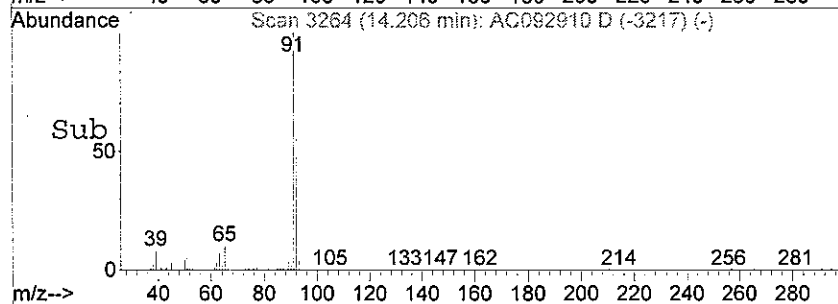
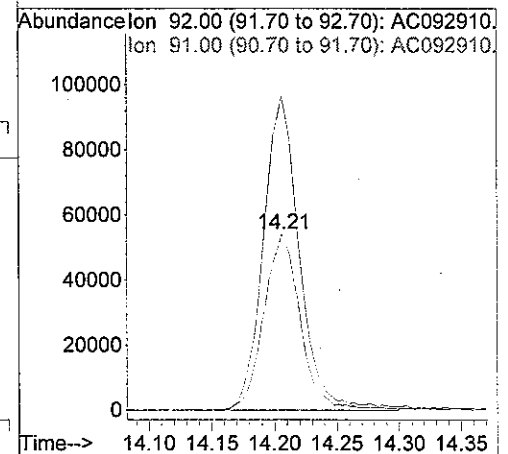
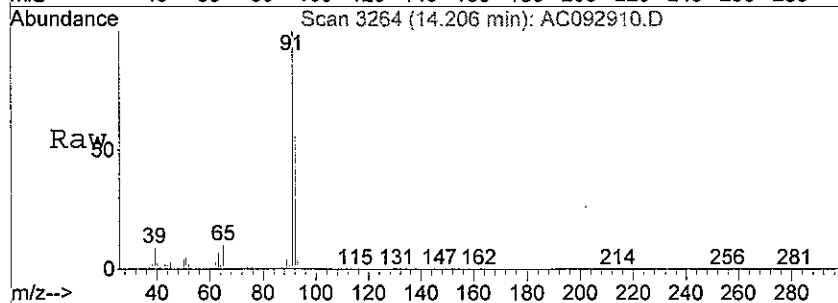
Acq: 29 Sep 2005 5:16 pm

Tgt Ion: 92 Resp: 109581

Ion Ratio Lower Upper

92 100

91 174.0 151.0 191.0



#50

Tetrachloroethylene

Concen: 0.41 ppb

RT: 15.17 min Scan# 3564

Delta R.T. 0.00 min

Lab File: AC092910.D

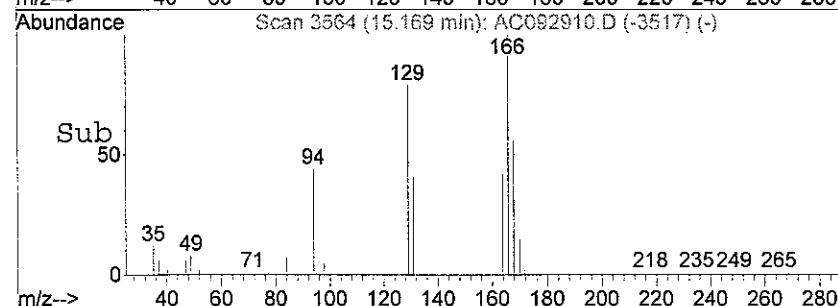
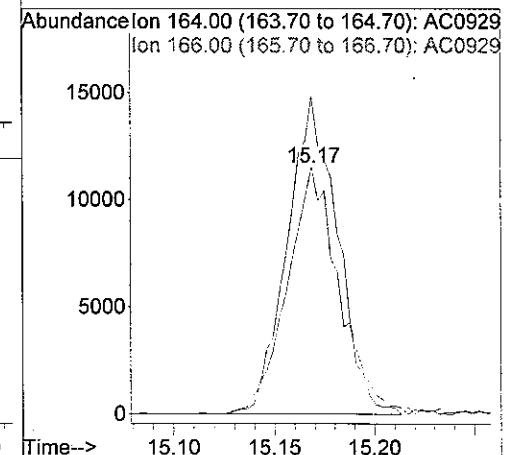
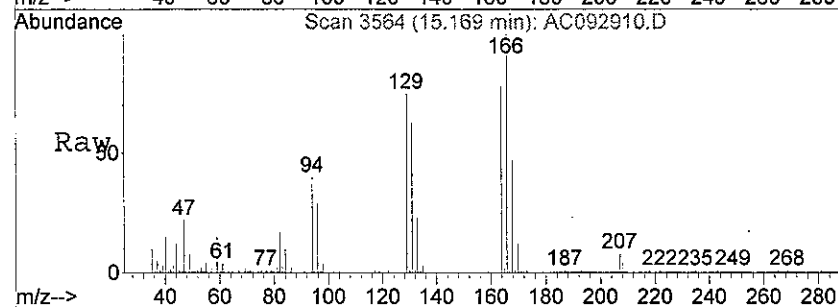
Acq: 29 Sep 2005 5:16 pm

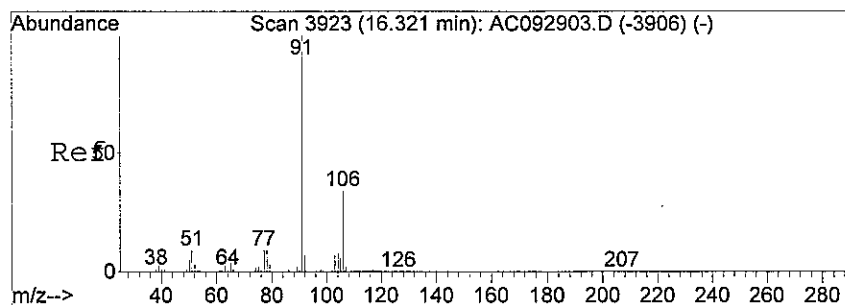
Tgt Ion: 164 Resp: 20111

Ion Ratio Lower Upper

164 100

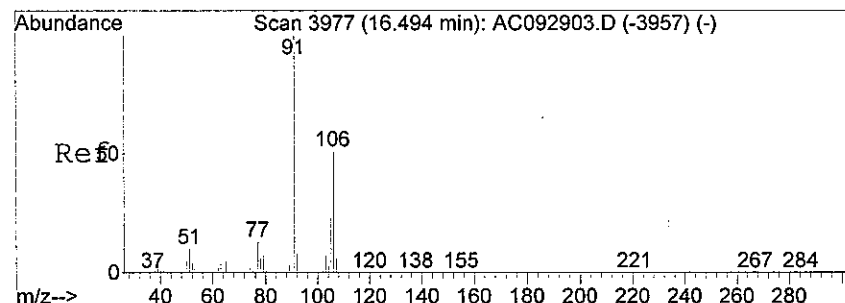
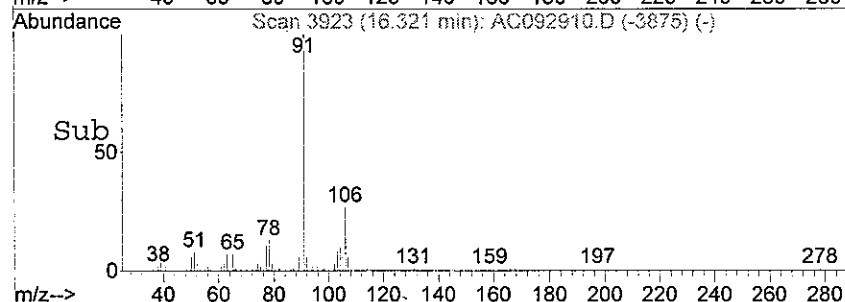
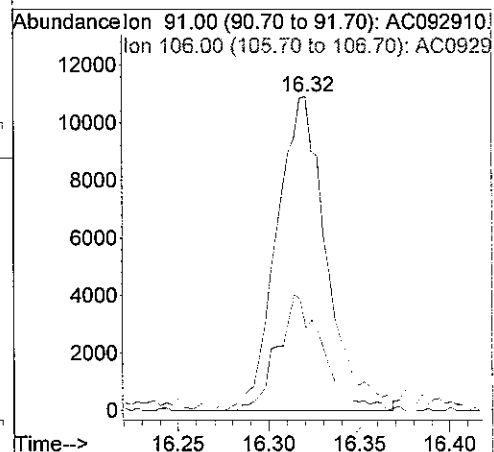
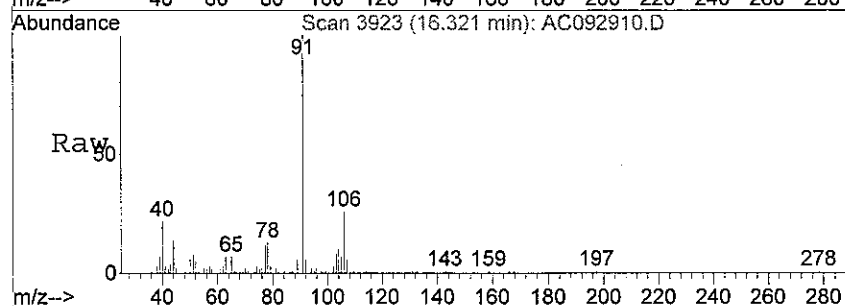
166 130.8 106.8 146.8





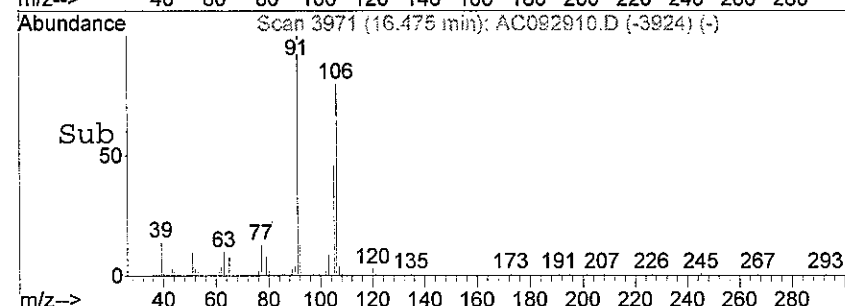
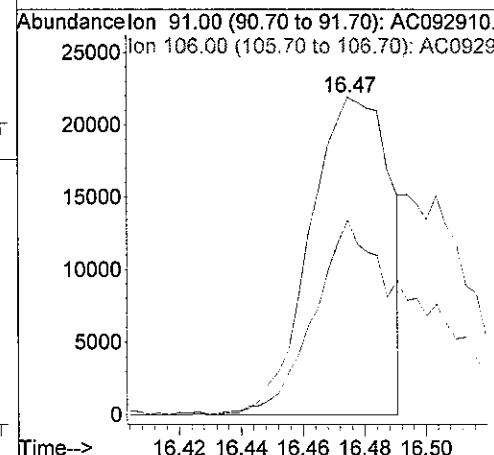
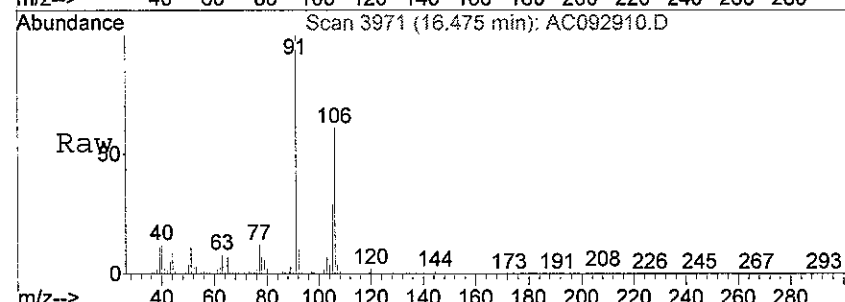
#52
Ethylbenzene
Concen: 0.19 ppb
RT: 16.32 min Scan# 3923
Delta R.T. 0.00 min
Lab File: AC092910.D
Acq: 29 Sep 2005 5:16 pm

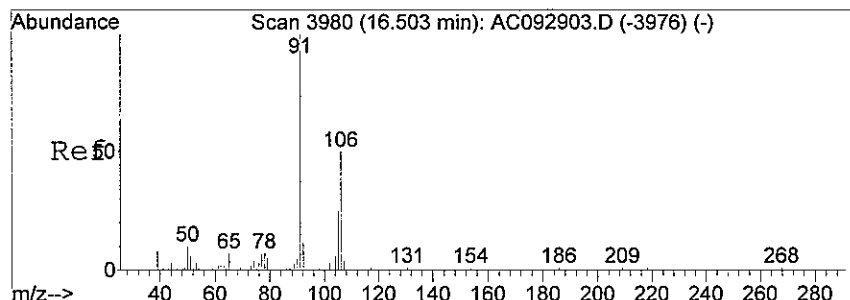
Tgt Ion: 91 Resp: 20924
Ion Ratio Lower Upper
91 100
106 33.5 10.2 50.2



#53
m-xylene
Concen: 0.44 ppb m
RT: 16.47 min Scan# 3971
Delta R.T. 0.00 min
Lab File: AC092910.D
Acq: 29 Sep 2005 5:16 pm

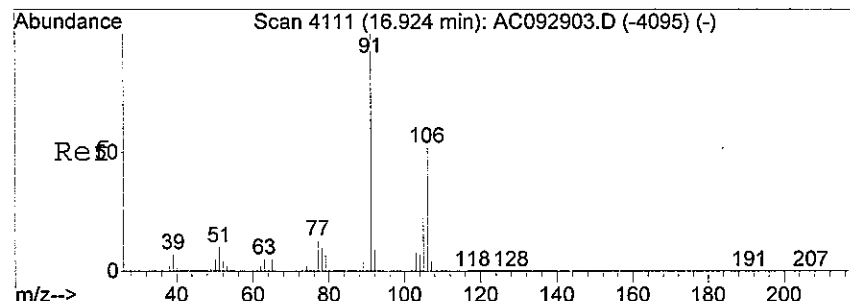
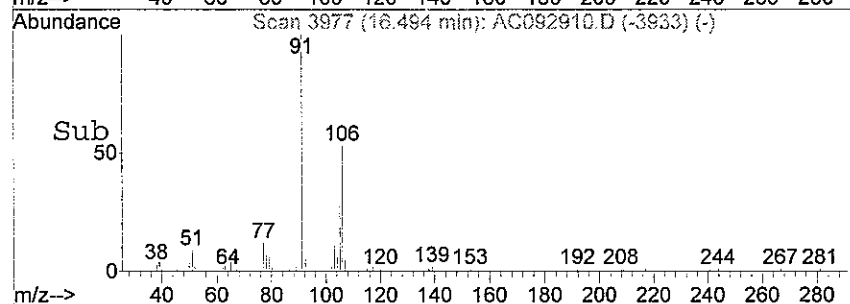
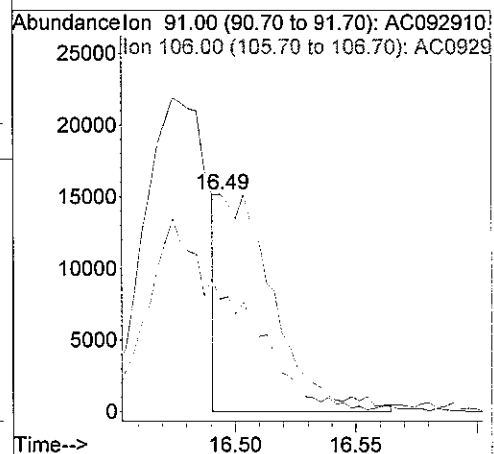
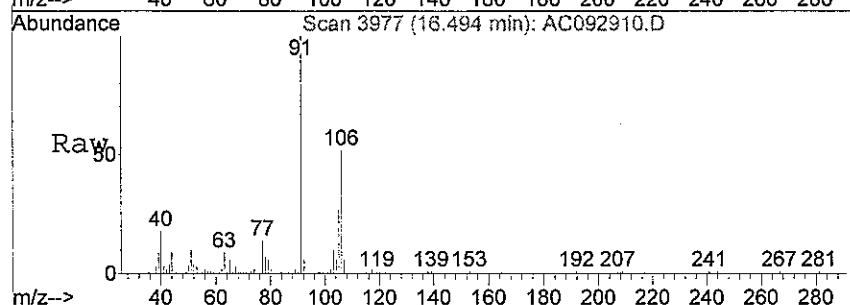
Tgt Ion: 91 Resp: 39242
Ion Ratio Lower Upper
91 100
106 85.6 31.7 71.7#





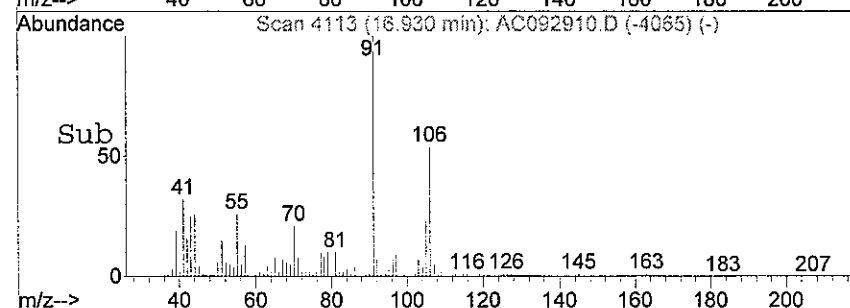
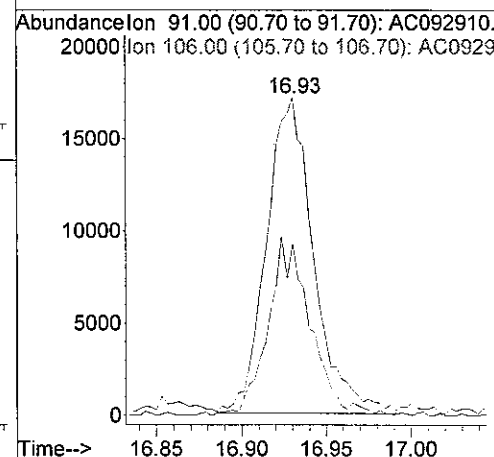
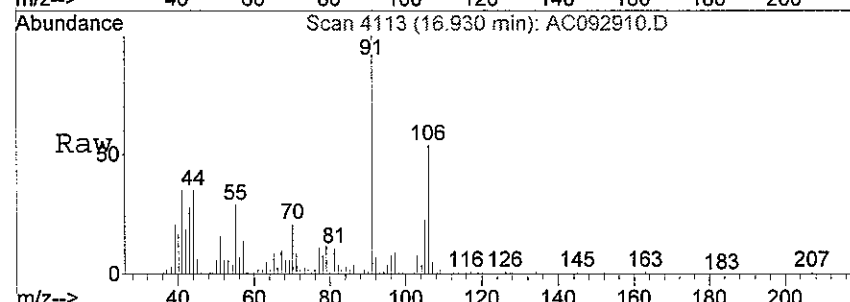
#54
p-xylene
Concen: 0.24 ppb m
RT: 16.49 min Scan# 3977
Delta R.T. -0.01 min
Lab File: AC092910.D
Acq: 29 Sep 2005 5:16 pm

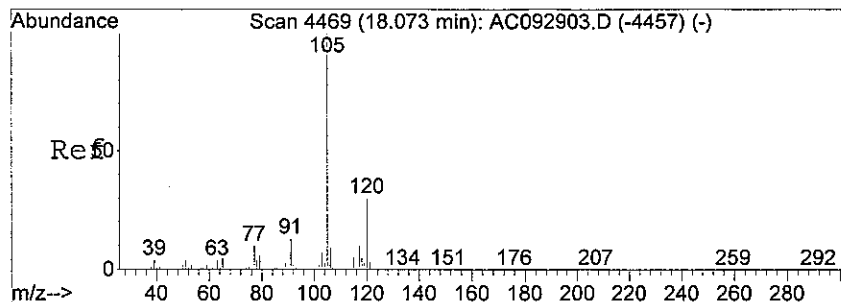
Tgt Ion: 91 Resp: 24418
Ion Ratio Lower Upper
91 100
106 137.6 22.7 62.7#



#57
o-xylene
Concen: 0.30 ppb
RT: 16.93 min Scan# 4113
Delta R.T. 0.00 min
Lab File: AC092910.D
Acq: 29 Sep 2005 5:16 pm

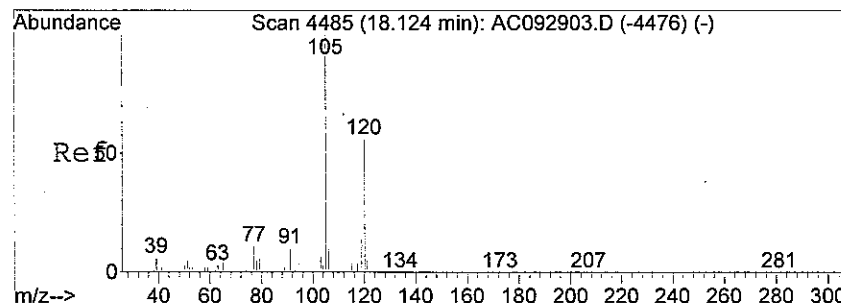
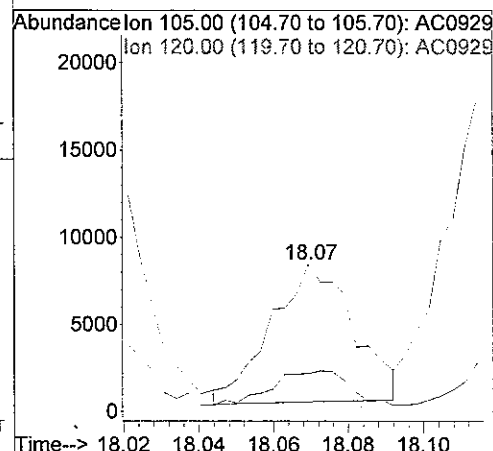
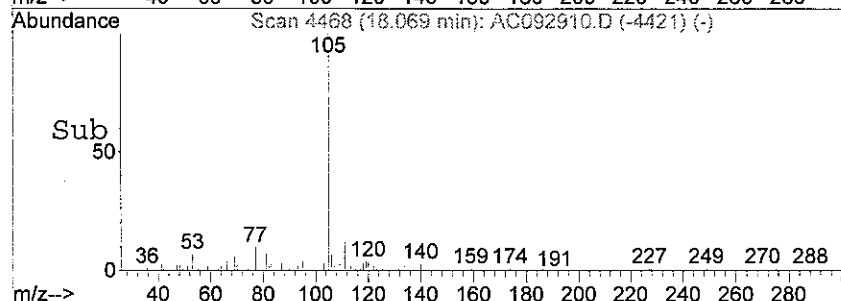
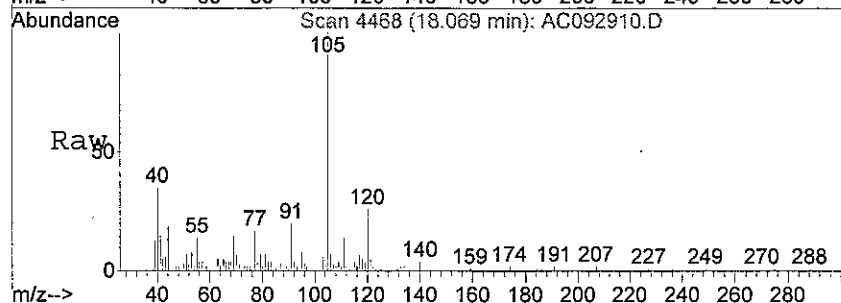
Tgt Ion: 91 Resp: 33267
Ion Ratio Lower Upper
91 100
106 49.1 23.8 63.8





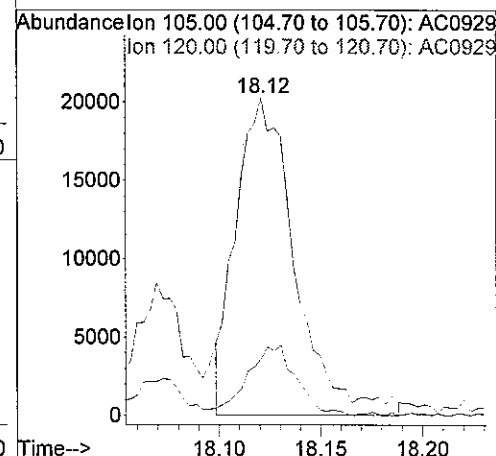
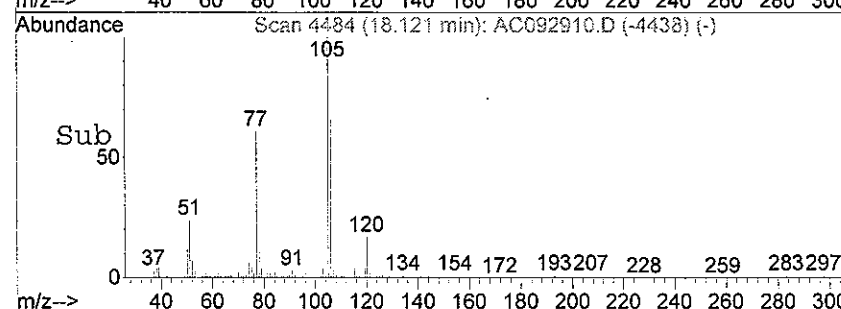
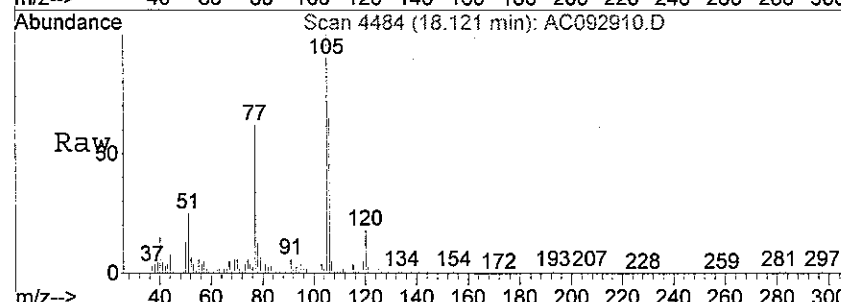
#60
4-ethyltoluene
Concen: 0.16 ppb
RT: 18.07 min Scan# 4468
Delta R.T. 0.00 min
Lab File: AC092910.D
Acq: 29 Sep 2005 5:16 pm

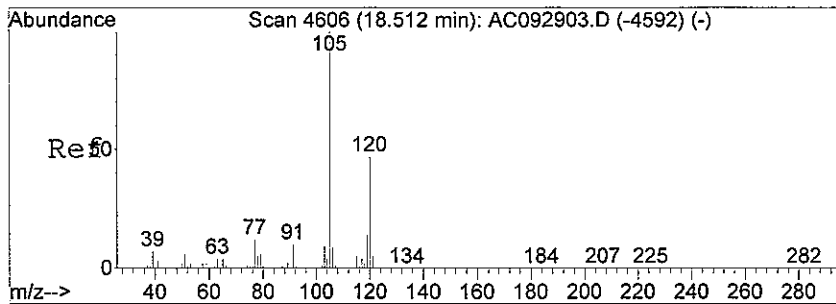
Tgt Ion:105 Resp: 12092
Ion Ratio Lower Upper
105 100
120 32.6 8.6 48.6



#61
1,3,5-trimethylbenzene
Concen: 0.40 ppb m
RT: 18.12 min Scan# 4484
Delta R.T. -0.00 min
Lab File: AC092910.D
Acq: 29 Sep 2005 5:16 pm

Tgt Ion:105 Resp: 41192
Ion Ratio Lower Upper
105 100
120 8.2 21.5 61.5#





#62

1,2,4-trimethylbenzene

Concen: 0.69 ppb

RT: 18.51 min Scan# 4606

Delta R.T. -0.00 min

Lab File: AC092910.D

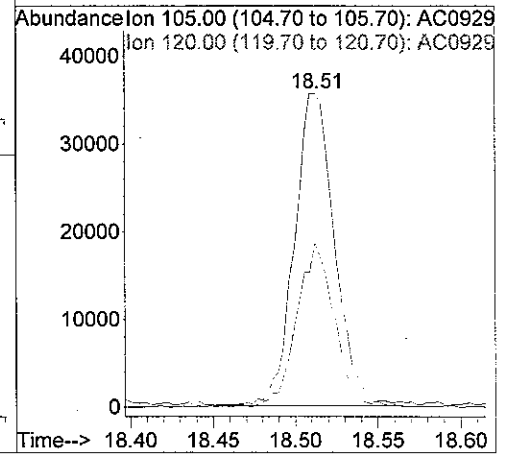
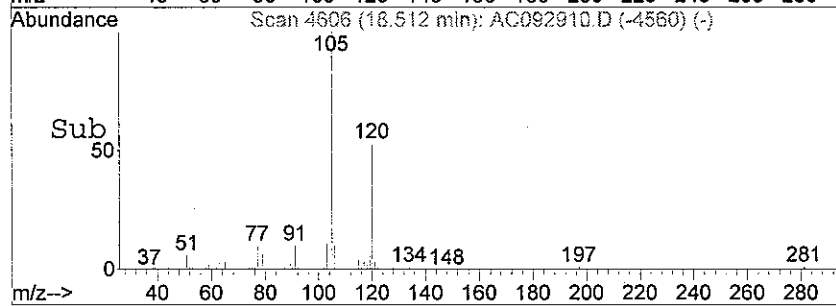
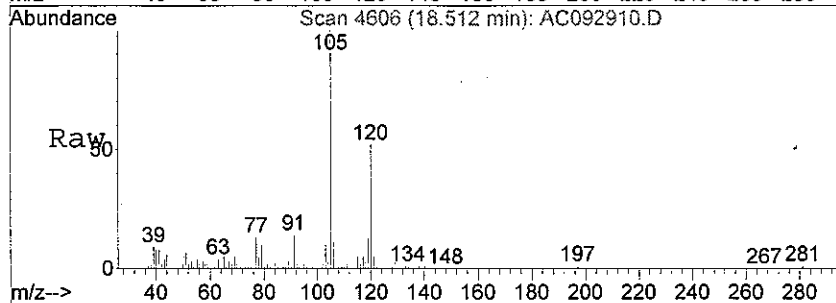
Acq: 29 Sep 2005 5:16 pm

Tgt Ion:105 Resp: 60222

Ion Ratio Lower Upper

105 100

120 49.5 20.9 60.9



Data File : C:\MSDCHEM\1\DATA\AC092929.D

Vial: 17

Acq On : 30 Sep 2005 9:07 am

Operator: RJP

Sample : C0509018-010A 10x

Inst : MSD #1

Misc : C0509018-010A

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Sep 30 09:30:24 2005

Quant Results File: A905_1UT.RES

Quant Method : C:\MSDCHEM\1\METHODS\A905_1UT.M (RTE Integrator)

Title : TO-15 VOA Standards for 5 point calibration

Last Update : Tue Sep 06 13:55:05 2005

Response via : Initial Calibration

DataAcq Meth : A905_1UT

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	9.27	128	19214	1.00	ppb	-0.01
30) 1,4-difluorobenzene	11.57	114	45930m	1.00	ppb	-0.02
44) Chlorobenzene-d5	16.02	117	49445	1.00	ppb	0.00

System Monitoring Compounds

58) Bromofluorobenzene	17.53	95	19071	0.76	ppb	0.00
Spiked Amount	1.000	Range	70 - 130	Recovery	=	76.00%

Target Compounds

12) Acetone	5.94	58	13043m	1.36	ppb	Qvalue

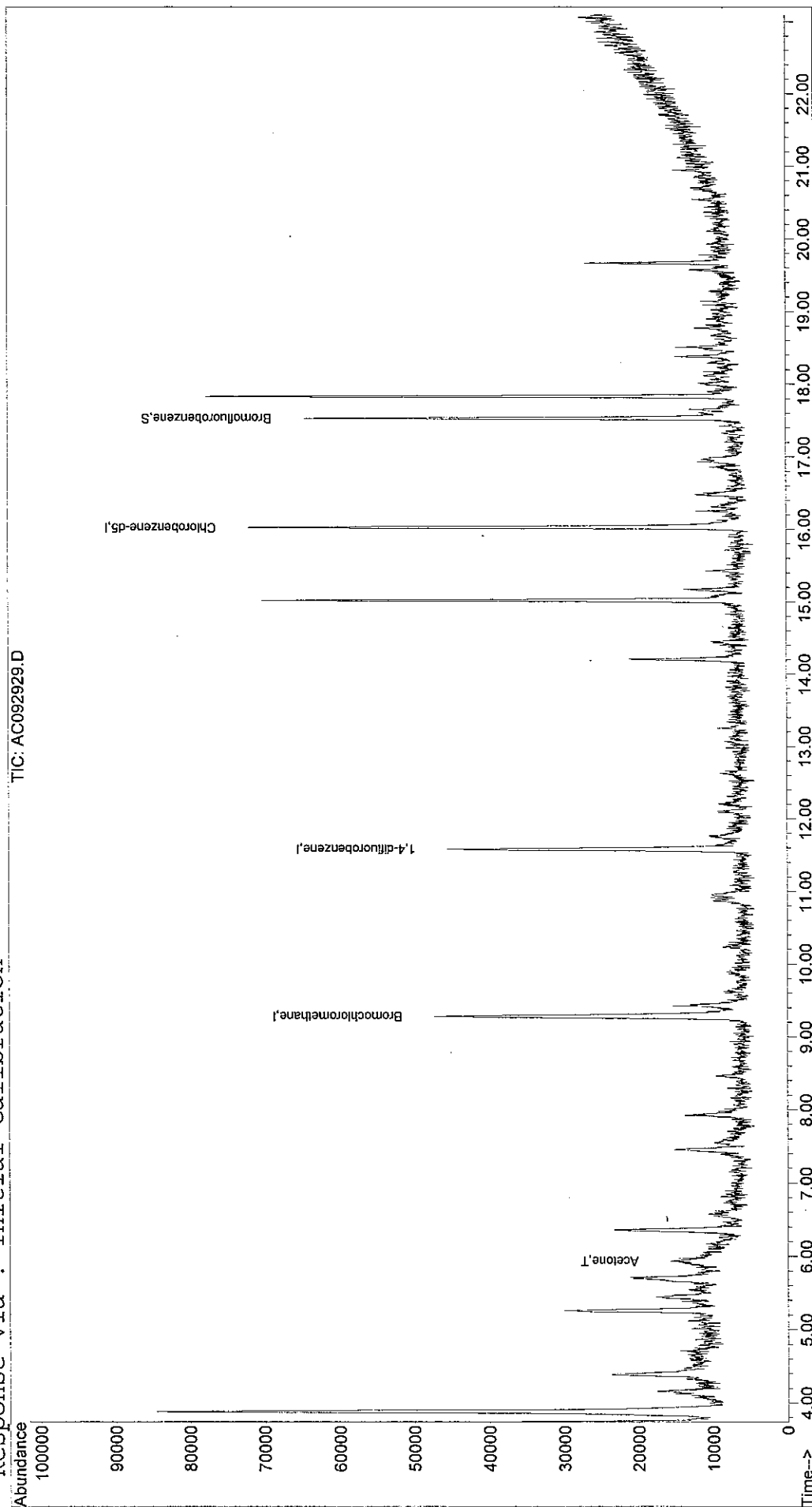
Quantitation Report (QT Reviewed)

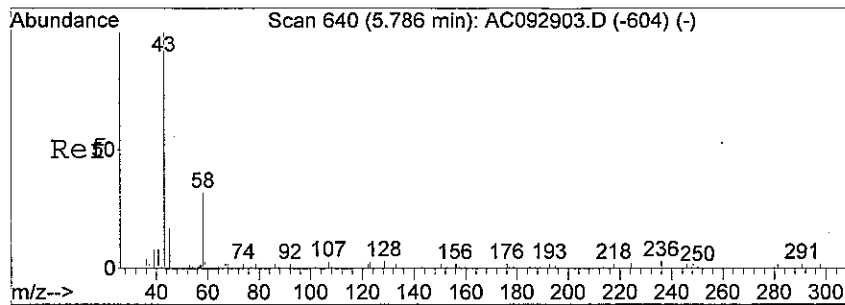
Data File : C:\MSDCHEM\1\DATA\AC092929.D
 Acq On : 30 Sep 2005 9:07 am
 Sample : C0509018-010A 10x
 Misc : C0509018-010A
 MS Integration Params: RTEINT.P
 Quant Time: Oct 9 14:24 2005

Vial: 17
 Operator: RJP
 Inst : MSD #1
 Multiplr: 1.00

Quant Results File: A905_1UT.RES

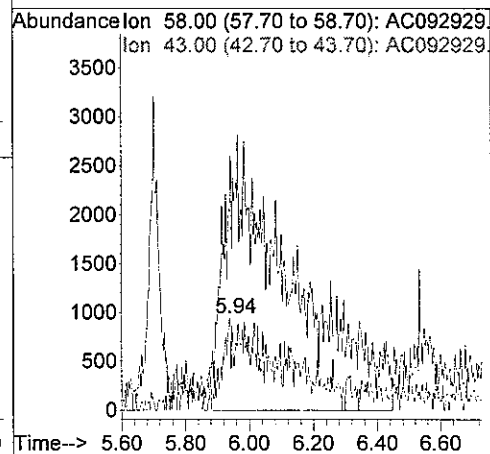
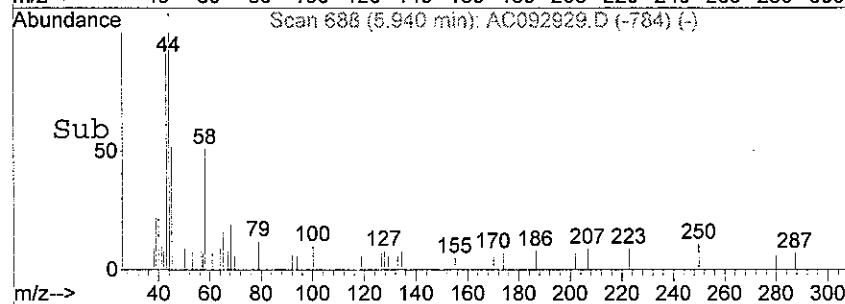
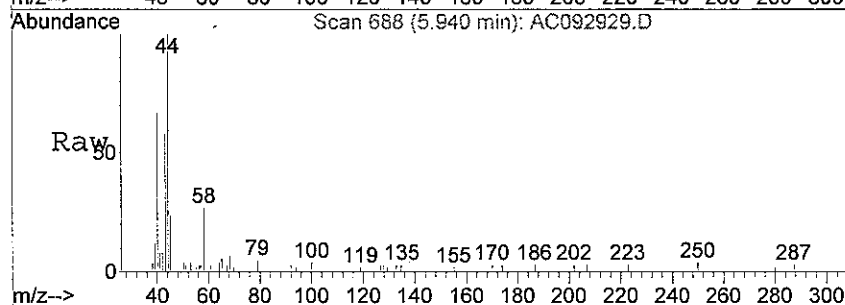
Method : C:\MSDCHEM\1\METHODS\A905_1UT.M (RTE Integrator)
 Title : TO-15 VOA Standards for 5 point calibration
 Last Update : Sun Oct 09 14:17:28 2005
 Response via : Initial Calibration





#12
 Acetone
 Concen: 1.36 ppb m
 RT: 5.94 min Scan# 688
 Delta R.T. -0.46 min
 Lab File: AC092929.D
 Acq: 30 Sep 2005 9:07 am

Tgt Ion: 58 Resp: 13043
 Ion Ratio Lower Upper
 58 100
 43 0.0 0.0 30.0



Centek Laboratories, LLC

Date: 09-Oct-05

CLIENT: ESC Environmental
 Lab Order: C0509018
 Project: 127491.05
 Lab ID: C0509018-011A

Client Sample ID: TRIP BLANK
 Tag Number: 243
 Collection Date: 9/22/2005
 Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15 1UG/M3 W/ 0.25UG/M3 TCE		TO-15		Analyst: RJP		
1,1,1-Trichloroethane	ND	0.150		ppbV	1	9/29/2005
1,1,2,2-Tetrachloroethane	ND	0.150		ppbV	1	9/29/2005
1,1,2-Trichloroethane	ND	0.150		ppbV	1	9/29/2005
1,1-Dichloroethane	ND	0.150		ppbV	1	9/29/2005
1,1-Dichloroethene	ND	0.150		ppbV	1	9/29/2005
1,2,4-Trichlorobenzene	ND	0.150		ppbV	1	9/29/2005
1,2,4-Trimethylbenzene	ND	0.150		ppbV	1	9/29/2005
1,2-Dibromoethane	ND	0.150		ppbV	1	9/29/2005
1,2-Dichlorobenzene	ND	0.150		ppbV	1	9/29/2005
1,2-Dichloroethane	ND	0.150		ppbV	1	9/29/2005
1,2-Dichloropropane	ND	0.150		ppbV	1	9/29/2005
1,3,5-Trimethylbenzene	ND	0.150		ppbV	1	9/29/2005
1,3-butadiene	ND	0.150		ppbV	1	9/29/2005
1,3-Dichlorobenzene	ND	0.150		ppbV	1	9/29/2005
1,4-Dichlorobenzene	ND	0.150		ppbV	1	9/29/2005
1,4-Dioxane	ND	0.300		ppbV	1	9/29/2005
2,2,4-trimethylpentane	ND	0.150		ppbV	1	9/29/2005
4-ethyltoluene	ND	0.150		ppbV	1	9/29/2005
Acetone	ND	0.300		ppbV	1	9/29/2005
Allyl chloride	ND	0.150		ppbV	1	9/29/2005
Benzene	ND	0.150		ppbV	1	9/29/2005
Benzyl chloride	ND	0.150		ppbV	1	9/29/2005
Bromodichloromethane	ND	0.150		ppbV	1	9/29/2005
Bromoform	ND	0.150		ppbV	1	9/29/2005
Bromomethane	ND	0.150		ppbV	1	9/29/2005
Carbon disulfide	ND	0.150		ppbV	1	9/29/2005
Carbon tetrachloride	ND	0.150		ppbV	1	9/29/2005
Chlorobenzene	ND	0.150		ppbV	1	9/29/2005
Chloroethane	ND	0.150		ppbV	1	9/29/2005
Chloroform	ND	0.150		ppbV	1	9/29/2005
Chloromethane	ND	0.150		ppbV	1	9/29/2005
cis-1,2-Dichloroethene	ND	0.150		ppbV	1	9/29/2005
cis-1,3-Dichloropropene	ND	0.150		ppbV	1	9/29/2005
Cyclohexane	ND	0.150		ppbV	1	9/29/2005
Dibromochloromethane	ND	0.150		ppbV	1	9/29/2005
Ethyl acetate	ND	0.250		ppbV	1	9/29/2005
Ethylbenzene	ND	0.150		ppbV	1	9/29/2005
Freon 11	ND	0.150		ppbV	1	9/29/2005
Freon 113	ND	0.150		ppbV	1	9/29/2005
Freon 114	ND	0.150		ppbV	1	9/29/2005

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 at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 09-Oct-05

CLIENT: ESC Environmental
Lab Order: C0509018
Project: 127491.05
Lab ID: C0509018-011A

Client Sample ID: TRIP BLANK
Tag Number: 243
Collection Date: 9/22/2005
Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15 1UG/M3 W/ 0.25UG/M3 TCE				TO-15		Analyst: RJP
Freon 12	ND	0.150		ppbV	1	9/29/2005
Heptane	ND	0.150		ppbV	1	9/29/2005
Hexachloro-1,3-butadiene	ND	0.150		ppbV	1	9/29/2005
Hexane	ND	0.150		ppbV	1	9/29/2005
Isopropyl alcohol	ND	0.150		ppbV	1	9/29/2005
m-Xylene	ND	0.150		ppbV	1	9/29/2005
Methyl Butyl Ketone	ND	0.300		ppbV	1	9/29/2005
Methyl Ethyl Ketone	ND	0.300		ppbV	1	9/29/2005
Methyl Isobutyl Ketone	ND	0.300		ppbV	1	9/29/2005
Methyl tert-butyl ether	ND	0.150		ppbV	1	9/29/2005
Methylene chloride	ND	0.150		ppbV	1	9/29/2005
o-Xylene	ND	0.150		ppbV	1	9/29/2005
p-Xylene	ND	0.150		ppbV	1	9/29/2005
Propylene	ND	0.150		ppbV	1	9/29/2005
Styrene	ND	0.150		ppbV	1	9/29/2005
Tetrachloroethylene	ND	0.150		ppbV	1	9/29/2005
Tetrahydrofuran	ND	0.150		ppbV	1	9/29/2005
Toluene	ND	0.150		ppbV	1	9/29/2005
trans-1,2-Dichloroethene	ND	0.150		ppbV	1	9/29/2005
trans-1,3-Dichloropropene	ND	0.150		ppbV	1	9/29/2005
Trichloroethene	ND	0.0400		ppbV	1	9/29/2005
Vinyl acetate	ND	0.150		ppbV	1	9/29/2005
Vinyl Bromide	ND	0.150		ppbV	1	9/29/2005
Vinyl chloride	ND	0.150		ppbV	1	9/29/2005
Surr: Bromofluorobenzene	83.0	70-130		%REC	1	9/29/2005

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 at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 09-Oct-05

CLIENT: ESC Environmental
Lab Order: C0509018
Project: 127491.05
Lab ID: C0509018-011A

Client Sample ID: TRIP BLANK
Tag Number: 243
Collection Date: 9/22/2005
Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15 1UG/M3 W/ 0.25UG/M3 TCE				TO-15		Analyst: RJP
1,1,1-Trichloroethane	ND	0.832		ug/m3	1	9/29/2005
1,1,2,2-Tetrachloroethane	ND	1.05		ug/m3	1	9/29/2005
1,1,2-Trichloroethane	ND	0.832		ug/m3	1	9/29/2005
1,1-Dichloroethane	ND	0.617		ug/m3	1	9/29/2005
1,1-Dichloroethene	ND	0.605		ug/m3	1	9/29/2005
1,2,4-Trichlorobenzene	ND	1.13		ug/m3	1	9/29/2005
1,2,4-Trimethylbenzene	ND	0.749		ug/m3	1	9/29/2005
1,2-Dibromoethane	ND	1.17		ug/m3	1	9/29/2005
1,2-Dichlorobenzene	ND	0.917		ug/m3	1	9/29/2005
1,2-Dichloroethane	ND	0.617		ug/m3	1	9/29/2005
1,2-Dichloropropane	ND	0.705		ug/m3	1	9/29/2005
1,3,5-Trimethylbenzene	ND	0.750		ug/m3	1	9/29/2005
1,3-butadiene	ND	0.337		ug/m3	1	9/29/2005
1,3-Dichlorobenzene	ND	0.917		ug/m3	1	9/29/2005
1,4-Dichlorobenzene	ND	0.917		ug/m3	1	9/29/2005
1,4-Dioxane	ND	1.10		ug/m3	1	9/29/2005
2,2,4-trimethylpentane	ND	0.712		ug/m3	1	9/29/2005
4-ethyltoluene	ND	0.750		ug/m3	1	9/29/2005
Acetone	ND	0.724		ug/m3	1	9/29/2005
Allyl chloride	ND	0.477		ug/m3	1	9/29/2005
Benzene	ND	0.487		ug/m3	1	9/29/2005
Benzyl chloride	ND	0.877		ug/m3	1	9/29/2005
Bromodichloromethane	ND	1.02		ug/m3	1	9/29/2005
Bromoform	ND	1.58		ug/m3	1	9/29/2005
Bromomethane	ND	0.592		ug/m3	1	9/29/2005
Carbon disulfide	ND	0.475		ug/m3	1	9/29/2005
Carbon tetrachloride	ND	0.959		ug/m3	1	9/29/2005
Chlorobenzene	ND	0.702		ug/m3	1	9/29/2005
Chloroethane	ND	0.402		ug/m3	1	9/29/2005
Chloroform	ND	0.744		ug/m3	1	9/29/2005
Chloromethane	ND	0.315		ug/m3	1	9/29/2005
cis-1,2-Dichloroethene	ND	0.604		ug/m3	1	9/29/2005
cis-1,3-Dichloropropene	ND	0.692		ug/m3	1	9/29/2005
Cyclohexane	ND	0.525		ug/m3	1	9/29/2005
Dibromochloromethane	ND	1.30		ug/m3	1	9/29/2005
Ethyl acetate	ND	0.916		ug/m3	1	9/29/2005
Ethylbenzene	ND	0.662		ug/m3	1	9/29/2005
Freon 11	ND	0.857		ug/m3	1	9/29/2005
Freon 113	ND	1.17		ug/m3	1	9/29/2005
Freon 114	ND	1.07		ug/m3	1	9/29/2005

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 at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 09-Oct-05

CLIENT: ESC Environmental
Lab Order: C0509018
Project: 127491.05
Lab ID: C0509018-011A

Client Sample ID: TRIP BLANK
Tag Number: 243
Collection Date: 9/22/2005
Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15 1UG/M3 W/ 0.25UG/M3 TCE				TO-15		Analyst: RJP
Freon 12	ND	0.754		ug/m3	1	9/29/2005
Heptane	ND	0.625		ug/m3	1	9/29/2005
Hexachloro-1,3-butadiene	ND	1.63		ug/m3	1	9/29/2005
Hexane	ND	0.537		ug/m3	1	9/29/2005
Isopropyl alcohol	ND	0.375		ug/m3	1	9/29/2005
m-Xylene	ND	0.662		ug/m3	1	9/29/2005
Methyl Butyl Ketone	ND	1.25		ug/m3	1	9/29/2005
Methyl Ethyl Ketone	ND	0.899		ug/m3	1	9/29/2005
Methyl Isobutyl Ketone	ND	1.25		ug/m3	1	9/29/2005
Methyl tert-butyl ether	ND	0.550		ug/m3	1	9/29/2005
Methylene chloride	ND	0.530		ug/m3	1	9/29/2005
o-Xylene	ND	0.662		ug/m3	1	9/29/2005
p-Xylene	ND	0.662		ug/m3	1	9/29/2005
Propylene	ND	0.262		ug/m3	1	9/29/2005
Styrene	ND	0.649		ug/m3	1	9/29/2005
Tetrachloroethylene	ND	1.03		ug/m3	1	9/29/2005
Tetrahydrofuran	ND	0.450		ug/m3	1	9/29/2005
Toluene	ND	0.575		ug/m3	1	9/29/2005
trans-1,2-Dichloroethene	ND	0.604		ug/m3	1	9/29/2005
trans-1,3-Dichloropropene	ND	0.692		ug/m3	1	9/29/2005
Trichloroethene	ND	0.218		ug/m3	1	9/29/2005
Vinyl acetate	ND	0.537		ug/m3	1	9/29/2005
Vinyl Bromide	ND	0.667		ug/m3	1	9/29/2005
Vinyl chloride	ND	0.390		ug/m3	1	9/29/2005

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 at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Data File : C:\MSDCHEM\1\DATA\AC092909.D

Vial: 9

Acq On : 29 Sep 2005 4:38 pm

Operator: RJP

Sample : C0509018-011A

Inst : MSD #1

Misc : C0509018-011A

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Sep 29 17:01:54 2005

Quant Results File: A905_1UT.RES

Quant Method : C:\MSDCHEM\1\METHODS\A905_1UT.M (RTE Integrator)

Title : TO-15 VOA Standards for 5 point calibration

Last Update : Tue Sep 06 13:55:05 2005

Response via : Initial Calibration

DataAcq Meth : A905_1UT

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	9.28	128	24152	1.00	ppb	0.00
30) 1,4-difluorobenzene	11.58	114	57018	1.00	ppb	0.00
44) Chlorobenzene-d5	16.03	117	60395	1.00	ppb	0.00

System Monitoring Compounds

58) Bromofluorobenzene	17.53	95	25445m	0.83	ppb	0.00
Spiked Amount	1.000	Range	70 - 130	Recovery	=	83.00%

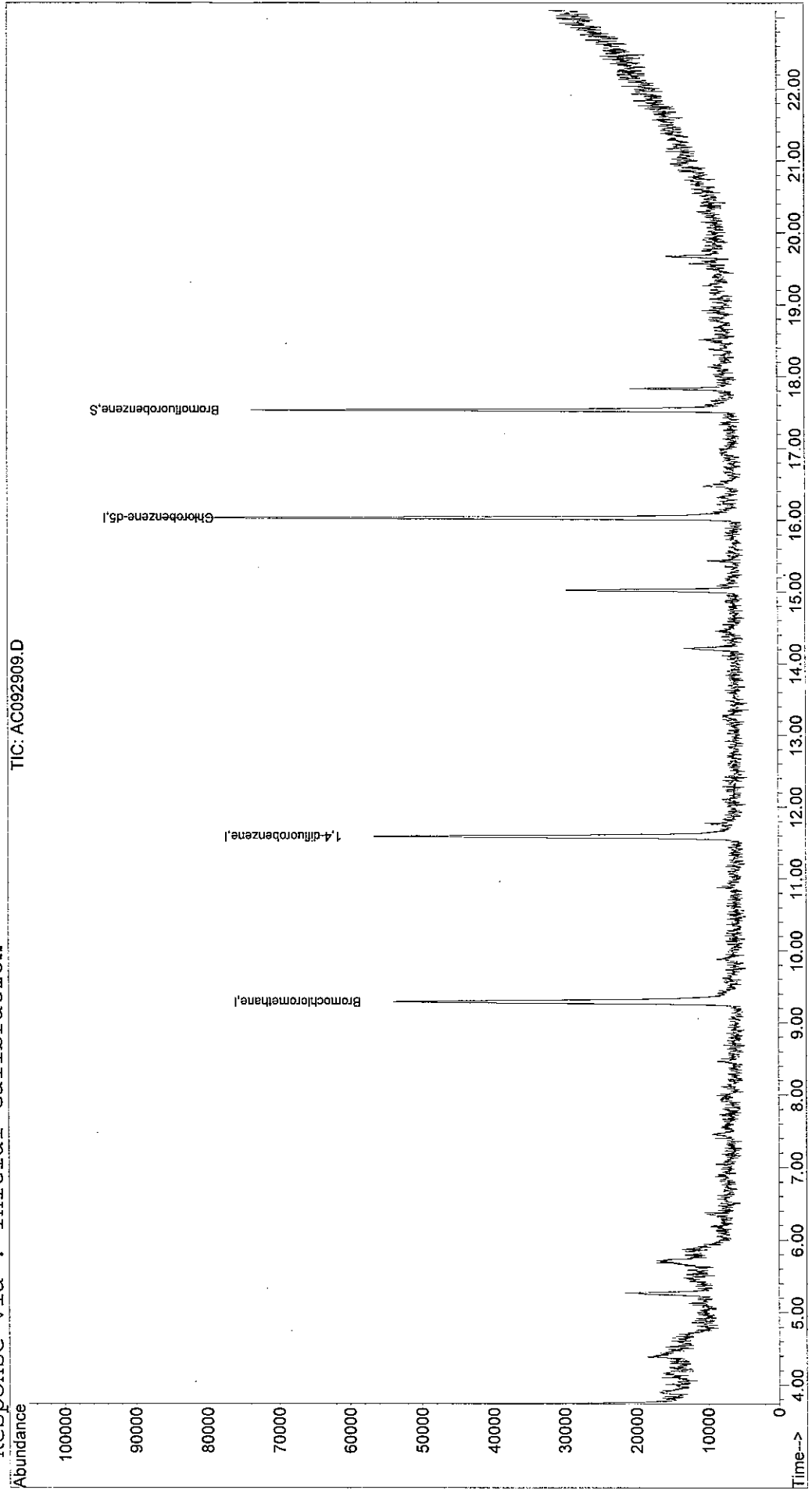
Target Compounds

Qvalue

Data File : C:\MSDCHEM\1\DATA\AC092909.D
Acq On : 29 Sep 2005 4:38 pm
Sample : C0509018-011A
Misc : C0509018-011A
MS Integration Params: RTEINT.P
Quant Time: Sep 30 7:39 2005
Quant Results File: A905_1UT.RES

Vial: 9
Operator: RJP
Inst : MSD #1
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\A905_1UT.M (RTE Integrator)
Title : TO-15 VOA Standards for 5 point calibration
Last Update : Sun Oct 09 14:17:27 2005
Response via : Initial Calibration



GC/MS VOLATILES-WHOLE AIR

METHOD TO-15

STANDARDS DATA

GC/MS VOLATILES-WHOLE AIR

METHOD TO-15

INITIAL CALIBRATION

Response Factor Report MSD #1

Method : C:\MSDCHEM\1\METHODS\A905_1UT.M (RTE Integrator)
 Title : TO-15 VOA Standards for 5 point calibration
 Last Update : Wed Oct 05 09:11:33 2005
 Response via : Initial Calibration

Calibration Files

0.04 =AC090512.D 0.10 =AC090510.D 0.15 =AC090509.D
 0.30 =AC090508.D 0.50 =AC090505.D 0.75 =AC090507.D

Compound		0.04	0.10	0.15	0.30	0.50	0.75	Avg	%RSD
-----ISTD-----									
1) I	Bromochloromethane								
2) T	Propylene			0.755	0.669	0.705	0.590	0.629	13.30
3) T	Freon 12			3.526	3.306	3.437	3.151	3.250	6.09
4) T	Chloromethane			1.279	1.342	1.203	1.063	1.131	12.76
5) T	Freon 114			4.121	3.964	4.123	3.771	3.858	5.89
6) T	Vinyl Chloride			1.127	1.109	1.017	0.948	0.985	10.38
7) T	1,3-butadiene			0.775	0.702	0.746	0.639	0.670	10.61
8) T	Bromomethane			1.391	1.422	1.423	1.342	1.342	5.52
9) T	Chloroethane			0.597	0.588	0.482	0.457	0.496	13.68
10) T	Vinyl Bromide			1.410	1.348	1.496	1.397	1.394	3.96
11) T	Freon 11			4.175	3.261	4.910	4.532	4.302	12.11
12) T	Acetone				0.668	0.510	0.490	0.498	17.99
13) T	Isopropyl alcoh			1.334	1.375	1.146	1.082	1.158	12.18
14) T	1,1-dichloroeth			1.182	1.065	1.144	1.078	1.091	5.06
15) T	Freon 113			3.475	3.111	3.124	2.870	2.984	9.15
16) T	Methylene chlor			1.278	1.169	1.151	1.086	1.115	8.24
17) T	Allyl chloride			0.776	0.920	1.052	0.931	0.942	8.99
18) T	Carbon disulfid			5.547	4.919	4.492	4.016	4.280	17.40
19) T	trans-1,2-dichl			1.363	1.188	1.323	1.223	1.264	4.85
20) T	methyl tert-but			1.733	1.752	1.827	1.820	1.814	2.84
21) T	1,1-dichloroeth			2.140	1.925	1.963	1.947	1.916	6.28
22) T	Vinyl acetate			1.114	0.991	1.295	1.266	1.261	12.61
23) T	Methyl Ethyl Ke				0.978	0.907	0.890	0.966	6.69
24) T	cis-1,2-dichlor			1.144	1.057	1.220	1.076	1.132	4.85
25) T	Hexane			1.067	1.002	0.979	1.003	1.008	2.94
26) T	Ethyl acetate				1.149	1.263	1.109	1.216	6.14
27) T	Chloroform			2.711	2.713	2.631	2.587	2.577	4.68
28) T	Tetrahydrofuran				0.858	0.821	0.781	0.788	6.25
29) T	1,2-dichloroeth			1.380	1.372	1.274	1.286	1.290	5.09
-----ISTD-----									
30) I	1,4-difluorobenzene								
31) T	1,1,1-trichloro			0.790	0.748	0.731	0.735	0.717	6.41
32) T	Cyclohexane			0.352	0.322	0.335	0.343	0.344	4.96
33) T	Carbon tetrachl			1.023	0.912	0.862	0.850	0.860	9.98
34) T	Benzene			1.072	0.931	0.889	0.901	0.907	8.73
35) T	1,4-dioxane				0.107	0.088	0.092	0.090	9.59
36) T	2,2,4-trimethyl			1.198	1.098	1.090	1.130	1.128	3.72
37) T	Heptane			0.422	0.374	0.376	0.385	0.395	4.56
38) T	Trichloroethene	0.609	0.598	0.637	0.541	0.540	0.521	0.543	11.03
39) T	1,2-dichloropro	0.128		0.438	0.374	0.343	0.349	0.326	27.18
40) T	Bromodichlorome	0.376		0.861	0.779	0.732	0.738	0.690	20.58
41) T	cis-1,3-dichlor			0.415	0.362	0.401	0.407	0.409	6.72
42) T	trans-1,3-dichl			0.297	0.381	0.330	0.331	0.340	8.66

(#) = Out of Range ### Number of calibration levels exceeded format ###
 A905_1UT.M Fri Oct 07 07:52:12 2005 MSA Page 1

Response Factor Report MSD #1

Method : C:\MSDCHEM\1\METHODS\A905_1UT.M (RTE Integrator)
 Title : TO-15 VOA Standards for 5 point calibration
 Last Update : Wed Oct 05 09:11:33 2005
 Response via : Initial Calibration

Calibration Files

0.04 =AC090512.D 0.10 =AC090510.D 0.15 =AC090509.D
 0.30 =AC090508.D 0.50 =AC090505.D 0.75 =AC090507.D

	Compound	0.04	0.10	0.15	0.30	0.50	0.75	Avg	%RSD
43) T	1,1,2-trichloro			0.551	0.504	0.482	0.471	0.476	8.61
44) I	Chlorobenzene-d5	-----ISTD-----							
45) T	Toluene			0.789	0.625	0.649	0.662	0.684	8.31
46) T	Methyl Isobutyl			0.679	0.630	0.542	0.510	0.553	13.62
47) T	Dibromochlorome			1.018	0.855	0.872	0.855	0.867	8.15
48) T	Methyl Butyl Ke			0.558	0.557	0.500	0.441	0.477	12.66
49) T	1,2-dibromoetha			0.821	0.754	0.753	0.750	0.755	4.75
50) T	Tetrachloroethy			0.643	0.559	0.549	0.549	0.551	8.04
51) T	Chlorobenzene			1.169	1.064	1.031	1.056	1.053	5.41
52) T	Ethylbenzene			1.196	1.093	1.175	1.214	1.243	8.98
53) T	m-xylene			0.907	0.846	1.112	0.906	1.012	13.04
54) T	p-xylene			0.853	0.922	1.215	1.240	1.139	15.29
55) T	Styrene			0.591	0.573	0.651	0.668	0.679	12.30
56) T	Bromoform			0.695	0.607	0.630	0.607	0.623	5.58
57) T	o-xylene			0.985	1.158	1.328	1.198	1.225	10.55
58) S	Bromofluorobenz	0.457	0.472	0.476	0.497	0.504	0.510	0.510	8.00
59) T	1,1,2,2-tetrach			1.440	1.174	1.187	1.164	1.185	9.99
60) T	4-ethyltoluene			0.739	0.667	0.823	0.803	0.838	13.91
61) T	1,3,5-trimethyl			0.849	0.865	1.083	1.195	1.150	19.96
62) T	1,2,4-trimethyl			0.826	0.782	0.875	0.948	0.979	17.36
63) T	1,3-dichloroben			1.089	1.004	1.027	1.033	1.051	3.46
64) T	benzyl chloride			0.509	0.492	0.622	0.579	0.584	10.68
65) T	1,4-dichloroben			0.958	0.890	1.080	1.006	1.024	7.86
66) T	1,2-dichloroben			0.970	0.875	0.923	0.949	0.942	4.22
67) T	1,2,4-trichloro			0.590	0.627	0.549	0.567	0.595	5.26
68) T	Hexachloro-1,3-			0.624	0.526	0.527	0.508	0.526	8.74

Data File : C:\MSDCHEM\1\DATA\AC090503.D

Acq On : 5 Sep 2005 9:52 am

Sample : A1UT_1.0

Misc :

MS Integration Params: RTEINT.P

Quant Time: Sep 05 10:46:23 2005

Vial: 4

Operator: RJP

Inst : MSD #1

Multiplr: 1.00

Quant Results File: A905_1UT.RES

Quant Method : C:\MSDCHEM\1\METHODS\A905_1UT.M (RTE Integrator)

Title : TO-15 VOA Standards for 5 point calibration

Last Update : Mon Sep 05 10:46:16 2005

Response via : Continuing Cal File: C:\MSDCHEM\1\DATA\AC090503.D

DataAcq Meth : A904_1UT

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	9.28	128	60302	1.00	ppb	0.00
30) 1,4-difluorobenzene	11.58	114	220080	1.00	ppb	0.00
44) Chlorobenzene-d5	16.03	117	190611	1.00	ppb	0.00

System Monitoring Compounds

58) Bromofluorobenzene	17.53	95	104473	1.00	ppb	0.00
Spiked Amount	1.000	Range	70 - 130	Recovery	=	100.00%

Target Compounds

Qvalue

2) Propylene	3.87	41	36667	1.00	ppb	94
3) Freon 12	3.92	85	198639	1.00	ppb	99
4) Chloromethane	4.11	50	64036	1.00	ppb	74
5) Freon 114	4.11	85	232703	1.00	ppb	85
6) Vinyl Chloride	4.29	62	55958	1.00	ppb	90
7) 1,3-butadiene	4.38	39	38107	1.00	ppb	# 31
8) Bromomethane	4.70	94	78539	1.00	ppb	91
9) Chloroethane	4.86	64	28162	1.00	ppb	71
10) Vinyl Bromide	5.18	106	84931	1.00	ppb	98
11) Freon 11	5.44	101	276845	1.00	ppb	97
12) Acetone	5.92	58	27187m	0.99	ppb	
13) Isopropyl alcohol	5.88	45	66850m	0.96	ppb	
14) 1,1-dichloroethene	6.16	96	66063	1.00	ppb	# 54
15) Freon 113	6.36	101	172994	1.00	ppb	# 81
16) Methylene chloride	6.60	84	64397	1.00	ppb	# 66
17) Allyl chloride	6.58	41	59141	1.00	ppb	# 60
18) Carbon disulfide	6.74	76	229970	1.00	ppb	98
19) trans-1,2-dichloroethene	7.52	61	74899	1.00	ppb	# 75
20) methyl tert-butyl ether	7.60	73	112496m	1.00	ppb	
21) 1,1-dichloroethane	7.92	63	110847	1.00	ppb	90
22) Vinyl acetate	8.07	43	82185m	0.99	ppb	
23) Methyl Ethyl Ketone	8.90	43	58370m	1.00	ppb	
24) cis-1,2-dichloroethene	8.84	61	69342	1.00	ppb	# 57
25) Hexane	8.47	41	59117	1.00	ppb	99
26) Ethyl acetate	9.34	43	72934m	0.97	ppb	
27) Chloroform	9.44	83	153051	1.00	ppb	# 57
28) Tetrahydrofuran	10.01	42	47682m	1.08	ppb	
29) 1,2-dichloroethane	10.54	62	77563	1.00	ppb	96
31) 1,1,1-trichloroethane	10.24	97	147911	1.00	ppb	100
32) Cyclohexane	10.96	56	72648	1.00	ppb	# 72
33) Carbon tetrachloride	10.90	117	176783	1.00	ppb	97
34) Benzene	10.87	78	185346	1.00	ppb	87
35) 1,4-dioxane	12.90	88	18604m	0.98	ppb	

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

AC090503.D A905_1UT.M

Fri Oct 07 07:52:56 2005

MSA

Page 1

Data File : C:\MSDCHEM\1\DATA\AC090503.D

Acq On : 5 Sep 2005 9:52 am

Sample : A1UT_1.0

Misc :

MS Integration Params: RTEINT.P

Quant Time: Sep 05 10:46:23 2005

Vial: 4

Operator: RJP

Inst : MSD #1

Multiplr: 1.00

Quant Results File: A905_1UT.RES

Quant Method : C:\MSDCHEM\1\METHODS\A905_1UT.M (RTE Integrator)

Title : TO-15 VOA Standards for 5 point calibration

Last Update : Mon Sep 05 10:46:16 2005

Response via : Continuing Cal File: C:\MSDCHEM\1\DATA\AC090503.D

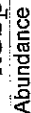
DataAcq Meth : A904_1UT

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
36) 2,2,4-trimethylpentane	11.75	57	237822	1.00	ppb	94
37) Heptane	12.10	43	86926	1.00	ppb	87
38) Trichloroethene	12.21	130	105576	1.00	ppb	90
39) 1,2-dichloropropane	12.31	63	71761	1.00	ppb	89
40) Bromodichloromethane	12.63	83	151395	1.00	ppb	98
41) cis-1,3-dichloropropene	13.42	75	87962	1.00	ppb	97
42) trans-1,3-dichloropropene	14.14	75	71960	1.00	ppb	98
43) 1,1,2-trichloroethane	14.43	97	97491	1.00	ppb	100
45) Toluene	14.20	92	125229	1.00	ppb	93
46) Methyl Isobutyl Ketone	13.41	43	99126m	1.03	ppb	
47) Dibromochloromethane	15.08	129	160618	1.00	ppb	98
48) Methyl Butyl Ketone	14.69	43	81706m	1.00	ppb	
49) 1,2-dibromoethane	15.32	107	142621	1.00	ppb	97
50) Tetrachloroethylene	15.17	164	100305	1.00	ppb	100
51) Chlorobenzene	16.07	112	193068	1.00	ppb	90
52) Ethylbenzene	16.31	91	240672	1.00	ppb	94
53) m-xylene	16.49	91	219371m	1.12	ppb	
54) p-xylene	16.50	91	230686	1.00	ppb	82
55) Styrene	16.89	104	135959	1.00	ppb	79
56) Bromoform	16.99	173	118123	1.00	ppb	98
57) o-xylene	16.92	91	238151	1.00	ppb	89
59) 1,1,2,2-tetrachloroethane	17.32	83	216435	1.00	ppb	97
60) 4-ethyltoluene	18.07	105	167288	1.00	ppb	96
61) 1,3,5-trimethylbenzene	18.12	105	245064	1.00	ppb	83
62) 1,2,4-trimethylbenzene	18.51	105	199263	1.00	ppb	87
63) 1,3-dichlorobenzene	18.76	146	200025	1.00	ppb	96
64) benzyl chloride	18.82	91	116483	1.00	ppb	92
65) 1,4-dichlorobenzene	18.87	146	202902	1.00	ppb	97
66) 1,2-dichlorobenzene	19.14	146	177589	1.00	ppb	96
67) 1,2,4-trichlorobenzene	20.70	180	116456	1.00	ppb	97
68) Hexachloro-1,3-butadiene	20.95	225	97474	1.00	ppb	90

(#) = qualifier out of range (m) = manual integration (+) = signals summed
AC090503.D A905_1UT.M Fri Oct 07 07:52:57 2005 MSA Page 2

Response via : Continuing Cal File: C:\MSDCHEM\1\DATA\AC090503.D

Abundance



Data File : C:\MSDCHEM\1\DATA\AC090504.D

Acq On : 5 Sep 2005 10:34 am

Sample : A1UT_2.0

Misc :

MS Integration Params: RTEINT.P

Quant Time: Sep 05 11:31:22 2005

Vial: 5

Operator: RJP

Inst : MSD #1

Multiplr: 1.00

Quant Results File: A905_1UT.RES

Quant Method : C:\MSDCHEM\1\METHODS\A905_1UT.M (RTE Integrator)

Title : TO-15 VOA Standards for 5 point calibration

Last Update : Mon Sep 05 10:46:16 2005

Response via : Continuing Cal File: C:\MSDCHEM\1\DATA\AC090503.D

DataAcq Meth : A905_1UT

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	9.27	128	64577	1.00	ppb	0.00
30) 1,4-difluorobenzene	11.58	114	227868	1.00	ppb	0.00
44) Chlorobenzene-d5	16.03	117	198357	1.00	ppb	0.00

System Monitoring Compounds

58) Bromofluorobenzene	17.53	95	115236	1.06	ppb	0.00
Spiked Amount	1.000	Range	70 - 130	Recovery	=	106.00%

Target Compounds

Qvalue

2) Propylene	3.88	41	67351	1.72	ppb	91
3) Freon 12	3.93	85	385584	1.81	ppb	98
4) Chloromethane	4.11	50	124302	1.81	ppb	100
5) Freon 114	4.11	85	457795	1.84	ppb	86
6) Vinyl Chloride	4.29	62	112172	1.87	ppb	91
7) 1,3-butadiene	4.39	39	76330	1.87	ppb	# 33
8) Bromomethane	4.71	94	159821	1.90	ppb	95
9) Chloroethane	4.87	64	56568	1.88	ppb	93
10) Vinyl Bromide	5.18	106	171091	1.88	ppb	98
11) Freon 11	5.44	101	545047	1.84	ppb	98
12) Acetone	5.89	58	54059m	1.83	ppb	
13) Isopropyl alcohol	5.86	45	133874m	1.80	ppb	
14) 1,1-dichloroethene	6.16	96	132462	1.87	ppb	# 54
15) Freon 113	6.36	101	346671	1.87	ppb	# 82
16) Methylene chloride	6.60	84	129403	1.88	ppb	# 65
17) Allyl chloride	6.59	41	125263	1.98	ppb	# 55
18) Carbon disulfide	6.75	76	450795	1.83	ppb	97
19) trans-1,2-dichloroethene	7.51	61	158957	1.98	ppb	# 63
20) methyl tert-butyl ether	7.58	73	240292m	1.99	ppb	
21) 1,1-dichloroethane	7.93	63	230161	1.94	ppb	93
22) Vinyl acetate	8.03	43	188598m	2.12	ppb	
23) Methyl Ethyl Ketone	8.83	43	138445m	2.22	ppb	
24) cis-1,2-dichloroethene	8.84	61	144098	1.94	ppb	# 54
25) Hexane	8.46	41	130003	2.05	ppb	99
26) Ethyl acetate	9.24	43	168438m	2.10	ppb	
27) Chloroform	9.43	83	309417	1.89	ppb	98
28) Tetrahydrofuran	9.90	42	98937m	2.09	ppb	
29) 1,2-dichloroethane	10.54	62	155785	1.88	ppb	98
31) 1,1,1-trichloroethane	10.25	97	305230	1.99	ppb	100
32) Cyclohexane	10.96	56	170203	2.26	ppb	# 83
33) Carbon tetrachloride	10.90	117	354902	1.94	ppb	98
34) Benzene	10.86	78	390574	2.04	ppb	88
35) 1,4-dioxane	12.82	88	38601m	1.96	ppb	

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

AC090504.D A905_1UT.M

Fri Oct 07 07:52:58 2005

MSA

Page 1

Data File : C:\MSDCHEM\1\DATA\AC090504.D

Acq On : 5 Sep 2005 10:34 am

Sample : AlUT_2.0

Misc :

MS Integration Params: RTEINT.P

Quant Time: Sep 05 11:31:22 2005

Vial: 5

Operator: RJP

Inst : MSD #1

Multiplr: 1.00

Quant Results File: A905_1UT.RES

Quant Method : C:\MSDCHEM\1\METHODS\A905_1UT.M (RTE Integrator)

Title : TO-15 VOA Standards for 5 point calibration

Last Update : Mon Sep 05 10:46:16 2005

Response via : Continuing Cal File: C:\MSDCHEM\1\DATA\AC090503.D

DataAcq Meth : A905_1UT

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
36) 2,2,4-trimethylpentane	11.76	57	527312	2.14	ppb	96
37) Heptane	12.10	43	187628	2.08	ppb	87
38) Trichloroethene	12.21	130	217557	1.99	ppb	90
39) 1,2-dichloropropane	12.31	63	145764	1.96	ppb	91
40) Bromodichloromethane	12.63	83	302686	1.93	ppb	99
41) cis-1,3-dichloropropene	13.42	75	204272	2.24	ppb	96
42) trans-1,3-dichloropropene	14.14	75	171764	2.31	ppb	97
43) 1,1,2-trichloroethane	14.43	97	200778	1.99	ppb	99
45) Toluene	14.20	92	290675	2.23	ppb	98
46) Methyl Isobutyl Ketone	13.39	43	182323m	1.81	ppb	
47) Dibromochloromethane	15.08	129	327436	1.96	ppb	99
48) Methyl Butyl Ketone	14.66	43	165878m	1.96	ppb	
49) 1,2-dibromoethane	15.32	107	301791	2.03	ppb	98
50) Tetrachloroethylene	15.17	164	207463	1.99	ppb	100
51) Chlorobenzene	16.07	112	416088	2.07	ppb	89
52) Ethylbenzene	16.32	91	571337	2.28	ppb	93
53) m-xylene	16.47	91	464435	2.27	ppb	95
54) p-xylene	16.50	91	503225	2.10	ppb	82
55) Styrene	16.90	104	315338m	2.23	ppb	
56) Bromoform	16.99	173	243691	1.98	ppb	97
57) o-xylene	16.92	91	546526	2.21	ppb	88
59) 1,1,2,2-tetrachloroethane	17.32	83	443519	1.97	ppb	97
60) 4-ethyltoluene	18.07	105	395257m	2.27	ppb	
61) 1,3,5-trimethylbenzene	18.12	105	574586	2.25	ppb	83
62) 1,2,4-trimethylbenzene	18.51	105	495791	2.39	ppb	86
63) 1,3-dichlorobenzene	18.76	146	440181	2.11	ppb	96
64) benzyl chloride	18.82	91	263127	2.17	ppb	89
65) 1,4-dichlorobenzene	18.87	146	448442	2.12	ppb	97
66) 1,2-dichlorobenzene	19.14	146	397713	2.15	ppb	96
67) 1,2,4-trichlorobenzene	20.70	180	251494	2.08	ppb	98
68) Hexachloro-1,3-butadiene	20.95	225	199787	1.97	ppb	91

(#) = qualifier out of range (m) = manual integration (+) = signals summed
AC090504.D A905_1UT.M Fri Oct 07 07:52:58 2005 MSA Page 2

Quantitation Report

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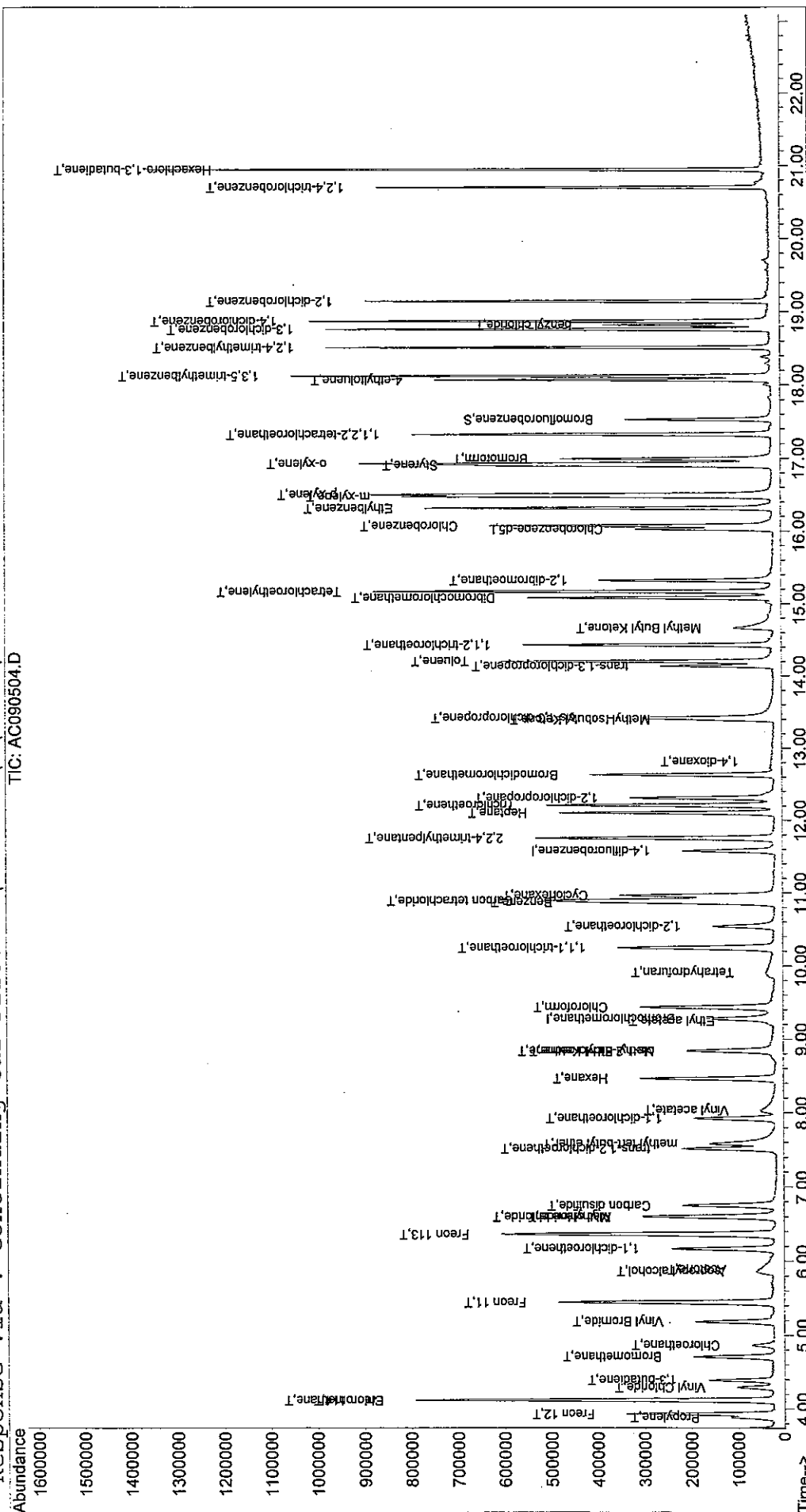
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Acq On    : 5 Sep 2005 10:34 am
Sample    : ALUT_2.0
Misc      :
MS Integration Params: RTEINT.P
Quant Time: Sep 5 15:10 2005

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Method      : C:\MSDCHEM\1\METHODS\A905_1UT.M (RTE Integrator)
Title       : TO-15 VOA Standards for 5 point calibration
Last Update : Wed Oct 05 09:11:33 2005
Response via : Continuing Cal File: C:\MSDCHEM\1\DATA\AC090503.

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Data File : C:\MSDCHEM\1\DATA\AC090505.D

Vial: 6

Acq On : 5 Sep 2005 11:13 am

Operator: RJP

Sample : A1UT_0.50

Inst : MSD #1

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Sep 05 11:36:33 2005

Quant Results File: A905_1UT.RES

Quant Method : C:\MSDCHEM\1\METHODS\A905_1UT.M (RTE Integrator)

Title : TO-15 VOA Standards for 5 point calibration

Last Update : Mon Sep 05 10:46:16 2005

Response via : Continuing Cal File: C:\MSDCHEM\1\DATA\AC090503.D

DataAcq Meth : A905_1UT

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) Bromochloromethane	9.27	128	59228	1.00	ppb	0.00
30) 1,4-difluorobenzene	11.58	114	212151	1.00	ppb	0.00
44) Chlorobenzene-d5	16.02	117	187828	1.00	ppb	0.00

System Monitoring Compounds

58) Bromofluorobenzene	17.53	95	94599	0.92	ppb	0.00
Spiked Amount	1.000	Range	70 - 130	Recovery	=	92.00%

Target Compounds

Qvalue

2) Propylene	3.88	41	20873	0.58	ppb	95
3) Freon 12	3.93	85	101783	0.52	ppb	98
4) Chloromethane	4.11	50	35634m	0.57	ppb	
5) Freon 114	4.11	85	122092	0.53	ppb	86
6) Vinyl Chloride	4.29	62	30131	0.55	ppb	91
7) 1,3-butadiene	4.39	39	22079	0.59	ppb	# 40
8) Bromomethane	4.71	94	42147	0.55	ppb	95
9) Chloroethane	4.86	64	14277	0.52	ppb	89
10) Vinyl Bromide	5.18	106	44300	0.53	ppb	98
11) Freon 11	5.44	101	145403	0.53	ppb	99
12) Acetone	5.93	58	15115m	0.56	ppb	
13) Isopropyl alcohol	5.92	45	33946m	0.50	ppb	
14) 1,1-dichloroethene	6.17	96	33879	0.52	ppb	# 56
15) Freon 113	6.36	101	92511	0.54	ppb	# 81
16) Methylene chloride	6.60	84	34099	0.54	ppb	# 64
17) Allyl chloride	6.59	41	31165	0.54	ppb	# 56
18) Carbon disulfide	6.75	76	133036	0.59	ppb	82
19) trans-1,2-dichloroethene	7.51	61	39180	0.53	ppb	# 60
20) methyl tert-butyl ether	7.61	73	54107m	0.49	ppb	
21) 1,1-dichloroethane	7.92	63	58130	0.53	ppb	91
22) Vinyl acetate	8.08	43	38361m	0.47	ppb	
23) Methyl Ethyl Ketone	9.03	43	26856m	0.47	ppb	
24) cis-1,2-dichloroethene	8.84	61	36128m	0.53	ppb	
25) Hexane	8.46	41	28979	0.50	ppb	97
26) Ethyl acetate	9.37	43	37413m	0.51	ppb	
27) Chloroform	9.43	83	77909	0.52	ppb	100
28) Tetrahydrofuran	10.09	42	24319m	0.56	ppb	
29) 1,2-dichloroethane	10.54	62	37723	0.50	ppb	69
31) 1,1,1-trichloroethane	10.25	97	77520	0.54	ppb	100
32) Cyclohexane	10.96	56	35524	0.51	ppb	85
33) Carbon tetrachloride	10.89	117	91408	0.54	ppb	98
34) Benzene	10.87	78	94328	0.53	ppb	88
35) 1,4-dioxane	13.02	88	9311m	0.51	ppb	

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

AC090505.D A905_1UT.M

Fri Oct 07 07:53:00 2005

MSA

Page 1

Data File : C:\MSDCHEM\1\DATA\AC090505.D

Vial: 6

Acq On : 5 Sep 2005 11:13 am

Operator: RJP

Sample : A1UT_0.50

Inst : MSD #1

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Sep 05 11:36:33 2005

Quant Results File: A905_1UT.RES

Quant Method : C:\MSDCHEM\1\METHODS\A905_1UT.M (RTE Integrator)

Title : TO-15 VOA Standards for 5 point calibration

Last Update : Mon Sep 05 10:46:16 2005

Response via : Continuing Cal File: C:\MSDCHEM\1\DATA\AC090503.D

DataAcq Meth : A905_1UT

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
36)	2,2,4-trimethylpentane	11.75	57	115620	0.50	ppb	93
37)	Heptane	12.11	43	39917	0.48	ppb	90
38)	Trichloroethene	12.21	130	57308	0.56	ppb	# 84
39)	1,2-dichloropropane	12.31	63	36393	0.53	ppb	87
40)	Bromodichloromethane	12.63	83	77668	0.53	ppb	99
41)	cis-1,3-dichloropropene	13.42	75	42516	0.50	ppb	97
42)	trans-1,3-dichloropropene	14.14	75	35056	0.51	ppb	99
43)	1,1,2-trichloroethane	14.43	97	51148	0.54	ppb	93
45)	Toluene	14.20	92	60968	0.49	ppb	94
46)	Methyl Isobutyl Ketone	13.43	43	50876m	0.53	ppb	
47)	Dibromochloromethane	15.08	129	81919	0.52	ppb	96
48)	Methyl Butyl Ketone	14.69	43	46914m	0.59	ppb	
49)	1,2-dibromoethane	15.32	107	70682	0.50	ppb	98
50)	Tetrachloroethylene	15.16	164	51602	0.52	ppb	95
51)	Chlorobenzene	16.07	112	96862	0.51	ppb	87
52)	Ethylbenzene	16.31	91	110391	0.47	ppb	94
53)	m-xylene	16.48	91	104425m	0.54	ppb	
54)	p-xylene	16.50	91	114079m	0.50	ppb	
55)	Styrene	16.90	104	61124	0.46	ppb	81
56)	Bromoform	16.99	173	59142	0.51	ppb	97
57)	o-xylene	16.93	91	124697m	0.53	ppb	
59)	1,1,2,2-tetrachloroethane	17.32	83	111442	0.52	ppb	97
60)	4-ethyltoluene	18.07	105	77266m	0.47	ppb	
61)	1,3,5-trimethylbenzene	18.12	105	101712	0.42	ppb	83
62)	1,2,4-trimethylbenzene	18.51	105	82158	0.42	ppb	88
63)	1,3-dichlorobenzene	18.76	146	96454	0.49	ppb	97
64)	benzyl chloride	18.82	91	58453m	0.51	ppb	
65)	1,4-dichlorobenzene	18.87	146	101418m	0.51	ppb	
66)	1,2-dichlorobenzene	19.14	146	86662	0.50	ppb	97
67)	1,2,4-trichlorobenzene	20.70	180	51596	0.45	ppb	97
68)	Hexachloro-1,3-butadiene	20.95	225	49486	0.52	ppb	91

(#) = qualifier out of range (m) = manual integration (+) = signals summed
AC090505.D A905_1UT.M Fri Oct 07 07:53:00 2005 MSA Page 2

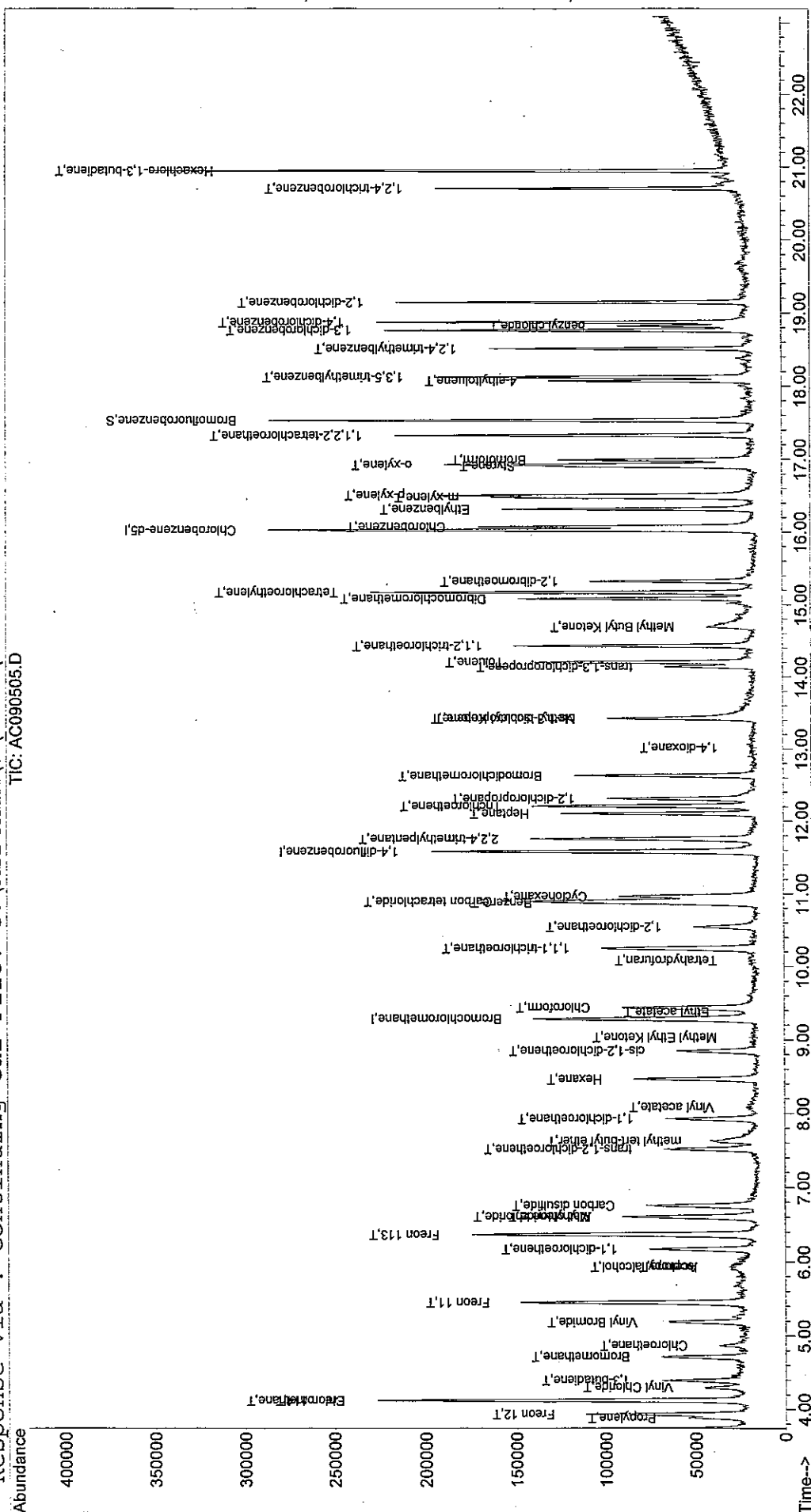
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Acq On : 5 Sep 2005 11:13 am
Sample : A1UT_0.50
Misc :

MS Integration Params: RTEINT.P
Quant Time: Sep 5 15:12 2005

Quant Results File: A905_1UT.RES

Method : C:\MSDCHEM\1\METHODS\A905_1UT.M (RTE Integration)
Title : TO-15 VOA Standards for 5 point calibration
Last Update : Wed Oct 05 09:11:33 2005
Response via : Continuing Cal File: C:\MSDCHEM\1\DATA\AC090503.D

TIC: AC090505.D



Data File : C:\MSDCHEM\1\DATA\AC090506.D

Vial: 7

Acq On : 5 Sep 2005 11:52 am

Operator: RJP

Sample : A1UT_1.5

Inst : MSD #1

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Sep 05 12:15:29 2005

Quant Results File: A905_1UT.RES

Quant Method : C:\MSDCHEM\1\METHODS\A905_1UT.M (RTE Integrator)

Title : TO-15 VOA Standards for 5 point calibration

Last Update : Mon Sep 05 10:46:16 2005

Response via : Continuing Cal File: C:\MSDCHEM\1\DATA\AC090503.D

DataAcq Meth : A905_1UT

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	9.28	128	62256	1.00	ppb	0.00
30) 1,4-difluorobenzene	11.58	114	222381	1.00	ppb	0.00
44) Chlorobenzene-d5	16.03	117	201213	1.00	ppb	0.00

System Monitoring Compounds

58) Bromofluorobenzene	17.53	95	109830	1.00	ppb	0.00
Spiked Amount	1.000	Range	70 - 130	Recovery	=	100.00%

Target Compounds

Qvalue

2) Propylene	3.88	41	52041	1.37	ppb		93
3) Freon 12	3.92	85	285033	1.39	ppb		99
4) Chloromethane	4.11	50	93894	1.42	ppb		99
5) Freon 114	4.11	85	338679	1.41	ppb		87
6) Vinyl Chloride	4.29	62	83708	1.45	ppb		97
7) 1,3-butadiene	4.38	39	56700	1.44	ppb	#	32
8) Bromomethane	4.70	94	118828	1.47	ppb		94
9) Chloroethane	4.86	64	41179	1.42	ppb		74
10) Vinyl Bromide	5.18	106	128085	1.46	ppb		98
11) Freon 11	5.44	101	413348	1.45	ppb		99
12) Acetone	5.90	58	41956m	1.47	ppb		
13) Isopropyl alcohol	5.87	45	95507m	1.33	ppb		
14) 1,1-dichloroethene	6.16	96	97690	1.43	ppb	#	55
15) Freon 113	6.36	101	257013	1.44	ppb	#	81
16) Methylene chloride	6.60	84	98307	1.48	ppb	#	64
17) Allyl chloride	6.59	41	89908	1.47	ppb	#	58
18) Carbon disulfide	6.75	76	343604	1.45	ppb		97
19) trans-1,2-dichloroethene	7.52	61	119390	1.54	ppb	#	67
20) methyl tert-butyl ether	7.58	73	171595m	1.48	ppb		
21) 1,1-dichloroethane	7.92	63	169795	1.48	ppb		92
22) Vinyl acetate	8.03	43	124880m	1.46	ppb		
23) Methyl Ethyl Ketone	8.84	43	91583m	1.52	ppb		
24) cis-1,2-dichloroethene	8.83	61	108336	1.51	ppb	#	60
25) Hexane	8.46	41	94818	1.55	ppb		99
26) Ethyl acetate	9.28	43	117628m	1.52	ppb		
27) Chloroform	9.43	83	229845	1.45	ppb		99
28) Tetrahydrofuran	9.91	42	66626m	1.46	ppb		
29) 1,2-dichloroethane	10.53	62	114752	1.43	ppb		98
31) 1,1,1-trichloroethane	10.24	97	225546	1.51	ppb		100
32) Cyclohexane	10.96	56	117198	1.60	ppb	#	79
33) Carbon tetrachloride	10.90	117	263340	1.47	ppb		98
34) Benzene	10.87	78	285250	1.52	ppb		88
35) 1,4-dioxane	12.83	88	28477m	1.48	ppb		

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

AC090506.D A905_1UT.M

Fri Oct 07 07:53:02 2005

MSA

Page 1

Data File : C:\MSDCHEM\1\DATA\AC090506.D

Vial: 7

Acq On : 5 Sep 2005 11:52 am

Operator: RJP

Sample : ALUT_1.5

Inst : MSD #1

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Sep 05 12:15:29 2005

Quant Results File: A905_1UT.RES

Quant Method : C:\MSDCHEM\1\METHODS\A905_1UT.M (RTE Integrator)

Title : TO-15 VOA Standards for 5 point calibration

Last Update : Mon Sep 05 10:46:16 2005

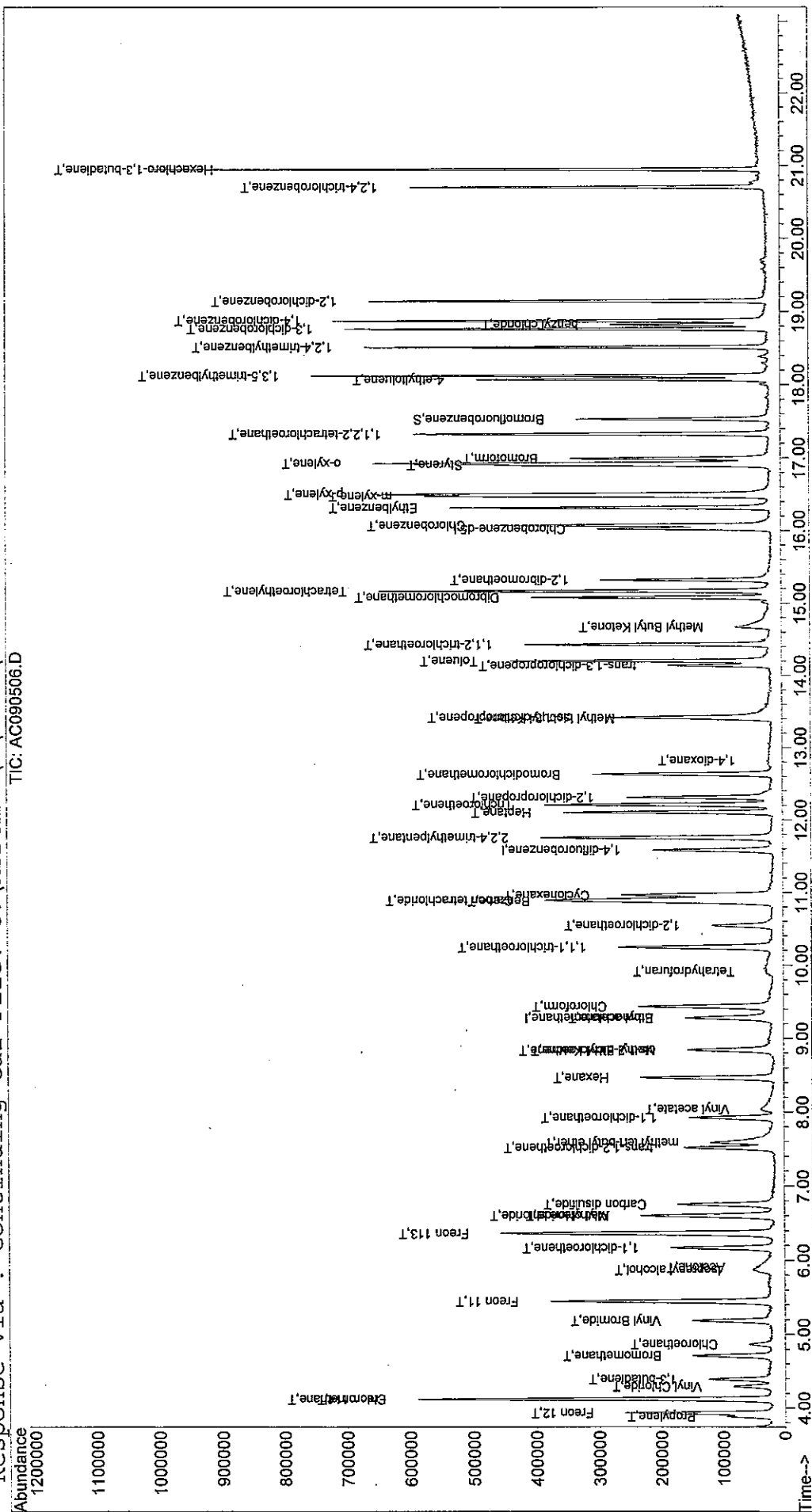
Response via : Continuing Cal File: C:\MSDCHEM\1\DATA\AC090503.D

DataAcq Meth : A905_1UT

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
36) 2,2,4-trimethylpentane	11.76	57	381703	1.59	ppb	96
37) Heptane	12.10	43	133855	1.52	ppb	88
38) Trichloroethene	12.21	130	160771	1.51	ppb	91
39) 1,2-dichloropropane	12.31	63	108671	1.50	ppb	93
40) Bromodichloromethane	12.63	83	225977	1.48	ppb	100
41) cis-1,3-dichloropropene	13.41	75	144343	1.62	ppb	97
42) trans-1,3-dichloropropene	14.14	75	112575	1.55	ppb	100
43) 1,1,2-trichloroethane	14.42	97	147015	1.49	ppb	100
45) Toluene	14.20	92	204060	1.54	ppb	97
46) Methyl Isobutyl Ketone	13.39	43	160009m	1.57	ppb	
47) Dibromochloromethane	15.08	129	241416	1.42	ppb	98
48) Methyl Butyl Ketone	14.66	43	132703m	1.55	ppb	
49) 1,2-dibromoethane	15.32	107	210790	1.40	ppb	98
50) Tetrachloroethylene	15.17	164	153297	1.45	ppb	99
51) Chlorobenzene	16.07	112	299496	1.47	ppb	88
52) Ethylbenzene	16.31	91	397316	1.56	ppb	94
53) m-xylene	16.47	91	299757	1.44	ppb	95
54) p-xylene	16.50	91	381401	1.57	ppb	89
55) Styrene	16.89	104	230731	1.61	ppb	79
56) Bromoform	16.99	173	176589	1.42	ppb	97
57) o-xylene	16.92	91	386616	1.54	ppb	89
59) 1,1,2,2-tetrachloroethane	17.32	83	325278	1.42	ppb	97
60) 4-ethyltoluene	18.07	105	289294	1.64	ppb	94
61) 1,3,5-trimethylbenzene	18.12	105	399653	1.54	ppb	81
62) 1,2,4-trimethylbenzene	18.51	105	339612	1.61	ppb	86
63) 1,3-dichlorobenzene	18.76	146	316320	1.50	ppb	96
64) benzyl chloride	18.82	91	184621	1.50	ppb	90
65) 1,4-dichlorobenzene	18.87	146	313425	1.46	ppb	97
66) 1,2-dichlorobenzene	19.14	146	284563	1.52	ppb	96
67) 1,2,4-trichlorobenzene	20.70	180	175867	1.43	ppb	97
68) Hexachloro-1,3-butadiene	20.94	225	145389	1.41	ppb	89

(#) = qualifier out of range (m) = manual integration (+) = signals summed
 AC090506.D A905_1UT.M Fri Oct 07 07:53:02 2005 MSA Page 2

Data File : C:\MSDCHEM\1\DATA\AC090506.D
Acq On : 5 Sep 2005 11:52 am
Sample : A1UT_1.5
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 5 15:12 2005
Quant Results File: A905_1UT.RES
Vial: 7
Operator: RJP
Inst : MSD #1
Multiplr: 1.00
Method : C:\MSDCHEM\1\METHODS\A905_1UT.M (RTE Integrator)
Title : TO-15 VOA Standards for 5 point calibration
Last Update : Wed Oct 05 09:11:33 2005
Response via : Continuing Cal File: C:\MSDCHEM\1\DATA\AC090503.D



Data File : C:\MSDCHEM\1\DATA\AC090507.D

Acq On : 5 Sep 2005 12:29 pm

Sample : A1UT_0.75

Misc :

MS Integration Params: RTEINT.P

Quant Time: Sep 05 15:05:52 2005

Vial: 8

Operator: RJP

Inst : MSD #1

Multiplr: 1.00

Quant Results File: A905_1UT.RES

Quant Method : C:\MSDCHEM\1\METHODS\A905_1UT.M (RTE Integrator)

Title : TO-15 VOA Standards for 5 point calibration

Last Update : Mon Sep 05 10:46:16 2005

Response via : Continuing Cal File: C:\MSDCHEM\1\DATA\AC090503.D

DataAcq Meth : A905_1UT

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	9.27	128	61794	1.00	ppb	0.00
30) 1,4-difluorobenzene	11.57	114	208688	1.00	ppb	0.00
44) Chlorobenzene-d5	16.02	117	185530	1.00	ppb	0.00

System Monitoring Compounds

58) Bromofluorobenzene	17.53	95	94618	0.93	ppb	0.00
Spiked Amount	1.000	Range	70 - 130	Recovery	=	93.00%

Target Compounds

Qvalue

2) Propylene	3.87	41	27322	0.73	ppb	#	38
3) Freon 12	3.92	85	146033	0.72	ppb		99
4) Chloromethane	4.10	50	49274	0.75	ppb		100
5) Freon 114	4.11	85	174772	0.73	ppb		87
6) Vinyl Chloride	4.29	62	43922	0.77	ppb		93
7) 1,3-butadiene	4.38	39	29601	0.76	ppb	#	33
8) Bromomethane	4.70	94	62176	0.77	ppb		95
9) Chloroethane	4.86	64	21179	0.73	ppb		85
10) Vinyl Bromide	5.18	106	64765	0.74	ppb		98
11) Freon 11	5.44	101	210044	0.74	ppb		96
12) Acetone	5.97	58	22716m	0.80	ppb		
13) Isopropyl alcohol	5.95	45	50163m	0.71	ppb		
14) 1,1-dichloroethene	6.16	96	49972	0.74	ppb	#	55
15) Freon 113	6.36	101	132999	0.75	ppb	#	81
16) Methylene chloride	6.60	84	50309	0.76	ppb	#	63
17) Allyl chloride	6.58	41	43129	0.71	ppb	#	55
18) Carbon disulfide	6.75	76	186145	0.79	ppb		87
19) trans-1,2-dichloroethene	7.51	61	56695	0.74	ppb	#	58
20) methyl tert-butyl ether	7.60	73	84347m	0.73	ppb		
21) 1,1-dichloroethane	7.92	63	90235	0.79	ppb		96
22) Vinyl acetate	8.07	43	58676m	0.69	ppb		
23) Methyl Ethyl Ketone	9.12	43	41236m	0.69	ppb		
24) cis-1,2-dichloroethene	8.83	61	49859	0.70	ppb	#	57
25) Hexane	8.46	41	46499	0.77	ppb		91
26) Ethyl acetate	9.38	43	51411m	0.67	ppb		
27) Chloroform	9.43	83	119888	0.76	ppb		97
28) Tetrahydrofuran	10.03	42	36176m	0.80	ppb		
29) 1,2-dichloroethane	10.54	62	59609	0.75	ppb		99
31) 1,1,1-trichloroethane	10.24	97	115112	0.82	ppb		99
32) Cyclohexane	10.96	56	53685	0.78	ppb	#	79
33) Carbon tetrachloride	10.90	117	132992	0.79	ppb		96
34) Benzene	10.86	78	140988	0.80	ppb		87
35) 1,4-dioxane	13.00	88	14338m	0.80	ppb		

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

AC090507.D A905_1UT.M

Fri Oct 07 07:53:03 2005

MSA

Page 1

Data File : C:\MSDCHEM\1\DATA\AC090507.D

Vial: 8

Acq On : 5 Sep 2005 12:29 pm

Operator: RJP

Sample : A1UT_0.75

Inst : MSD #1

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Sep 05 15:05:52 2005

Quant Results File: A905_1UT.RES

Quant Method : C:\MSDCHEM\1\METHODS\A905_1UT.M (RTE Integrator)

Title : TO-15 VOA Standards for 5 point calibration

Last Update : Mon Sep 05 10:46:16 2005

Response via : Continuing Cal File: C:\MSDCHEM\1\DATA\AC090503.D

DataAcq Meth : A905_1UT

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
36) 2,2,4-trimethylpentane	11.75	57	176797	0.78	ppb	93
37) Heptane	12.10	43	60187	0.73	ppb	88
38) Trichloroethene	12.21	130	81511	0.81	ppb	91
39) 1,2-dichloropropane	12.30	63	54654	0.80	ppb	93
40) Bromodichloromethane	12.63	83	115552	0.80	ppb	98
41) cis-1,3-dichloropropene	13.41	75	63679	0.76	ppb	97
42) trans-1,3-dichloropropene	14.14	75	51804	0.76	ppb	100
43) 1,1,2-trichloroethane	14.42	97	73669	0.80	ppb	99
45) Toluene	14.20	92	92056	0.76	ppb	96
46) Methyl Isobutyl Ketone	13.41	43	71028m	0.75	ppb	
47) Dibromochloromethane	15.08	129	119032	0.76	ppb	97
48) Methyl Butyl Ketone	14.69	43	61375m	0.78	ppb	
49) 1,2-dibromoethane	15.32	107	104298	0.75	ppb	98
50) Tetrachloroethylene	15.17	164	76453	0.78	ppb	98
51) Chlorobenzene	16.07	112	146871	0.78	ppb	86
52) Ethylbenzene	16.31	91	168994	0.72	ppb	94
53) m-xylene	16.48	91	126049m	0.66	ppb	
54) p-xylene	16.50	91	172575	0.77	ppb	81
55) Styrene	16.89	104	92935	0.70	ppb	83
56) Bromoform	16.99	173	84502	0.73	ppb	97
57) o-xylene	16.92	91	166659	0.72	ppb	88
59) 1,1,2,2-tetrachloroethane	17.32	83	161930	0.77	ppb	96
60) 4-ethyltoluene	18.07	105	111715	0.69	ppb	96
61) 1,3,5-trimethylbenzene	18.12	105	166341	0.70	ppb	81
62) 1,2,4-trimethylbenzene	18.51	105	131971	0.68	ppb	85
63) 1,3-dichlorobenzene	18.76	146	143779	0.74	ppb	96
64) benzyl chloride	18.82	91	80553	0.71	ppb	91
65) 1,4-dichlorobenzene	18.87	146	140010	0.71	ppb	96
66) 1,2-dichlorobenzene	19.14	146	132065	0.76	ppb	95
67) 1,2,4-trichlorobenzene	20.70	180	78854	0.70	ppb	93
68) Hexachloro-1,3-butadiene	20.94	225	70645	0.74	ppb	92

(#) = qualifier out of range (m) = manual integration (+) = signals summed
AC090507.D A905_1UT.M Fri Oct 07 07:53:03 2005 MSA Page 2

vial: 8

Operator: RJP

Inst : MSD #1

Multiplier: 1.00

MS Integration Params: RTEINT.P

Quant Time: Sep 5 15:14 2005

Quant Results File: A905 1UT.RES

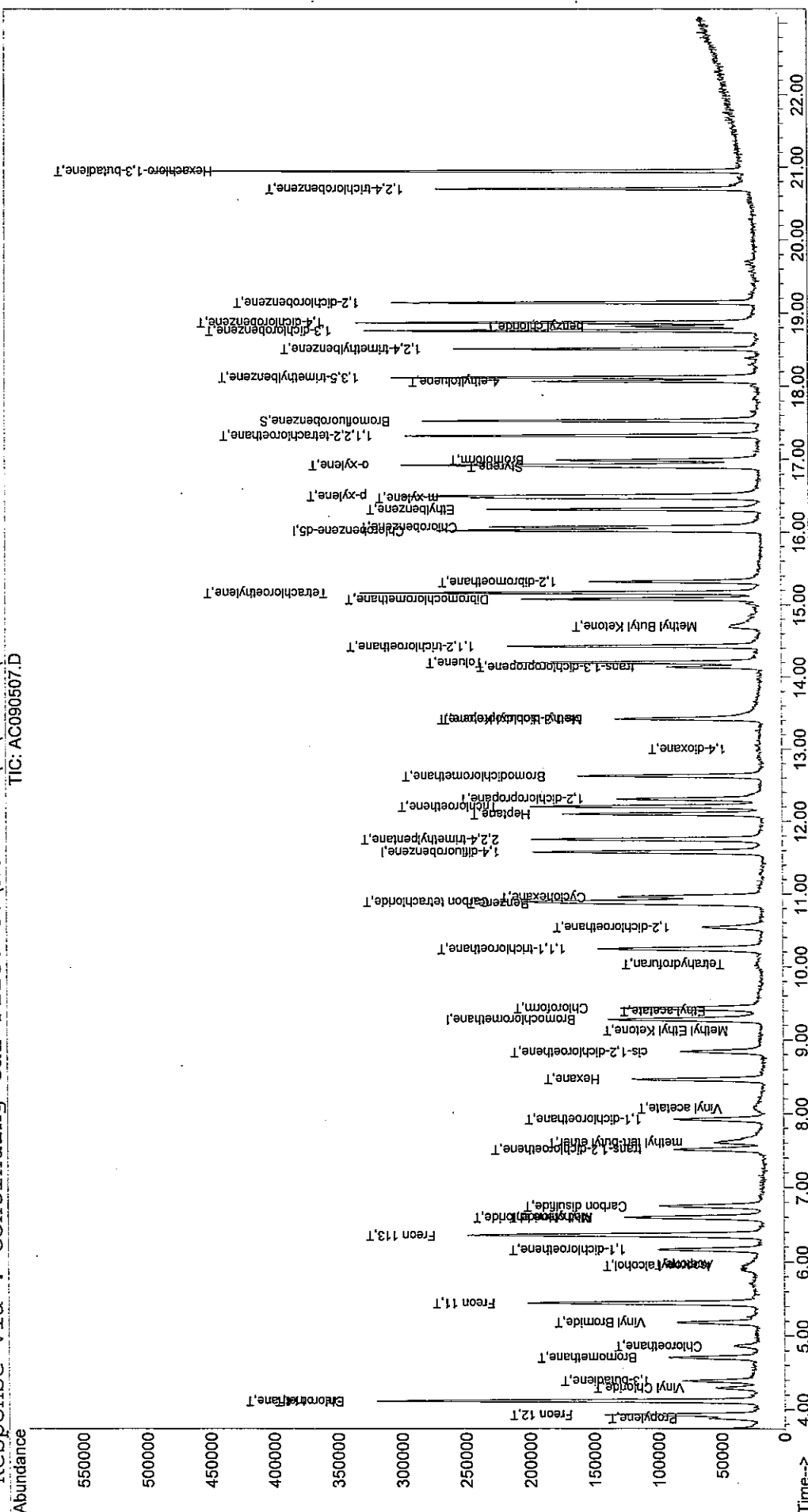
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Method
: C:\MSDCHEM\1\METHODS\A905 1UT.M (RTE Integrator)
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Title	TO-15 VOA Standards for 5 point calibration
TO-15 VOA Standards for 5 point calibration	

Last Update : Wed Oct 05 09:11:33 2005

Response via : Continuing Cal File: C:\MSDCHEM\1\DATA\AC090503.D

TIC: AC090507.D



Data File : C:\MSDCHEM\1\DATA\AC090508.D

Vial: 9

Acq On : 5 Sep 2005 1:06 pm

Operator: RJP

Sample : A1UT_0.30

Inst : MSD #1

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Sep 05 15:06:09 2005

Quant Results File: A905_1UT.RES

Quant Method : C:\MSDCHEM\1\METHODS\A905_1UT.M (RTE Integrator)

Title : TO-15 VOA Standards for 5 point calibration

Last Update : Mon Sep 05 10:46:16 2005

Response via : Continuing Cal File: C:\MSDCHEM\1\DATA\AC090503.D

DataAcq Meth : A905_1UT

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	9.29	128	60419m ^A	1.00	ppb	0.01
30) 1,4-difluorobenzene	11.59	114	205008	1.00	ppb	0.00
44) Chlorobenzene-d5	16.03	117	183795	1.00	ppb	0.00

System Monitoring Compounds

58) Bromofluorobenzene	17.53	95	91412	0.91	ppb	0.00
Spiked Amount	1.000	Range	70 - 130	Recovery	=	91.00%

Target Compounds

Qvalue

2) Propylene	3.89	41	12135	0.33	ppb	98
3) Freon 12	3.93	85	59929	0.30	ppb	97
4) Chloromethane	4.12	50	24318	0.38	ppb	83
5) Freon 114	4.12	85	71849	0.31	ppb	95
6) Vinyl Chloride	4.30	62	20097	0.36	ppb	93
7) 1,3-butadiene	4.40	39	12726m ^A	0.33	ppb	
8) Bromomethane	4.72	94	25783	0.33	ppb	93
9) Chloroethane	4.88	64	10658m	0.38	ppb	
10) Vinyl Bromide	5.20	106	24439	0.29	ppb	96
11) Freon 11	6.38	101	59099m	0.21	ppb	
12) Acetone	6.32	58	12112m	0.44	ppb	
13) Isopropyl alcohol	6.20	45	24916m	0.36	ppb	
14) 1,1-dichloroethene	6.18	96	19298	0.29	ppb	# 51
15) Freon 113	6.38	101	56395	0.33	ppb	# 82
16) Methylene chloride	6.61	84	21189m	0.33	ppb	
17) Allyl chloride	6.61	41	16680	0.28	ppb	# 70
18) Carbon disulfide	6.76	76	89159	0.39	ppb	85
19) trans-1,2-dichloroethene	7.53	61	21534	0.29	ppb	# 51
20) methyl tert-butyl ether	7.69	73	31760m	0.28	ppb	
21) 1,1-dichloroethane	7.94	63	34901	0.31	ppb	79
22) Vinyl acetate	8.19	43	17959m	0.22	ppb	
23) Methyl Ethyl Ketone	9.53	43	17723m	0.30	ppb	
24) cis-1,2-dichloroethene	8.86	61	19150	0.28	ppb	# 57
25) Hexane	8.48	41	18156	0.31	ppb	87
26) Ethyl acetate	9.71	43	20820m	0.28	ppb	
27) Chloroform	9.45	83	49179	0.32	ppb	97
28) Tetrahydrofuran	10.34	42	15555m	0.35	ppb	
29) 1,2-dichloroethane	10.55	62	24868m	0.32	ppb	
31) 1,1,1-trichloroethane	10.25	97	46025	0.33	ppb	100
32) Cyclohexane	10.97	56	19805	0.29	ppb	# 79
33) Carbon tetrachloride	10.90	117	56069	0.34	ppb	96
34) Benzene	10.88	78	57249	0.33	ppb	79
35) 1,4-dioxane	13.14	88	6577m ^U	0.37	ppb	

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

AC090508.D A905_1UT.M

Fri Oct 07 07:53:05 2005

MSA

Page 1

Data File : C:\MSDCHEM\1\DATA\AC090508.D

Vial: 9

Acq On : 5 Sep 2005 1:06 pm

Operator: RJP

Sample : A1UT_0.30

Inst : MSD #1

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Sep 05 15:06:09 2005

Quant Results File: A905_1UT.RES

Quant Method : C:\MSDCHEM\1\METHODS\A905_1UT.M (RTE Integrator)

Title : TO-15 VOA Standards for 5 point calibration

Last Update : Mon Sep 05 10:46:16 2005

Response via : Continuing Cal File: C:\MSDCHEM\1\DATA\AC090503.D

DataAcq Meth : A905_1UT

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
36)	2,2,4-trimethylpentane	11.76	57	67537	0.30	ppb	92
37)	Heptane	12.11	43	22978	0.28	ppb	92
38)	Trichloroethene	12.21	130	33246	0.34	ppb	90
39)	1,2-dichloropropane	12.31	63	22990m	0.34	ppb	
40)	Bromodichloromethane	12.64	83	47898	0.34	ppb	100
41)	cis-1,3-dichloropropene	13.43	75	22238	0.27	ppb	95
42)	trans-1,3-dichloropropene	14.15	75	23438m	0.35	ppb	
43)	1,1,2-trichloroethane	14.43	97	30995	0.34	ppb	98
45)	Toluene	14.21	92	34450	0.29	ppb	95
46)	Methyl Isobutyl Ketone	13.47	43	34714m	0.37	ppb	
47)	Dibromochloromethane	15.08	129	47119	0.30	ppb	99
48)	Methyl Butyl Ketone	14.74	43	30725m	0.39	ppb	
49)	1,2-dibromoethane	15.33	107	41596	0.30	ppb	99
50)	Tetrachloroethylene	15.17	164	30820	0.32	ppb	100
51)	Chlorobenzene	16.07	112	58641	0.31	ppb	84
52)	Ethylbenzene	16.32	91	60263	0.26	ppb	93
53)	m-xylene	16.47	91	46673	0.25	ppb	97
54)	p-xylene	16.50	91	50857	0.23	ppb	87
55)	Styrene	16.89	104	31588	0.24	ppb	# 65
56)	Bromoform	16.99	173	33485	0.29	ppb	95
57)	o-xylene	16.93	91	63860m	0.28	ppb	
59)	1,1,2,2-tetrachloroethane	17.33	83	64715	0.31	ppb	99
60)	4-ethyltoluene	18.07	105	36796	0.23	ppb	93
61)	1,3,5-trimethylbenzene	18.12	105	47702	0.20	ppb	79
62)	1,2,4-trimethylbenzene	18.51	105	43122	0.22	ppb	86
63)	1,3-dichlorobenzene	18.76	146	55359	0.29	ppb	97
64)	benzyl chloride	18.82	91	27138	0.24	ppb	88
65)	1,4-dichlorobenzene	18.87	146	49074	0.25	ppb	96
66)	1,2-dichlorobenzene	19.14	146	48233	0.28	ppb	95
67)	1,2,4-trichlorobenzene	20.70	180	34596m	0.31	ppb	
68)	Hexachloro-1,3-butadiene	20.95	225	28992	0.31	ppb	87

(#) = qualifier out of range (m) = manual integration (+) = signals summed
 AC090508.D A905_1UT.M Fri Oct 07 07:53:05 2005 MSA Page 2

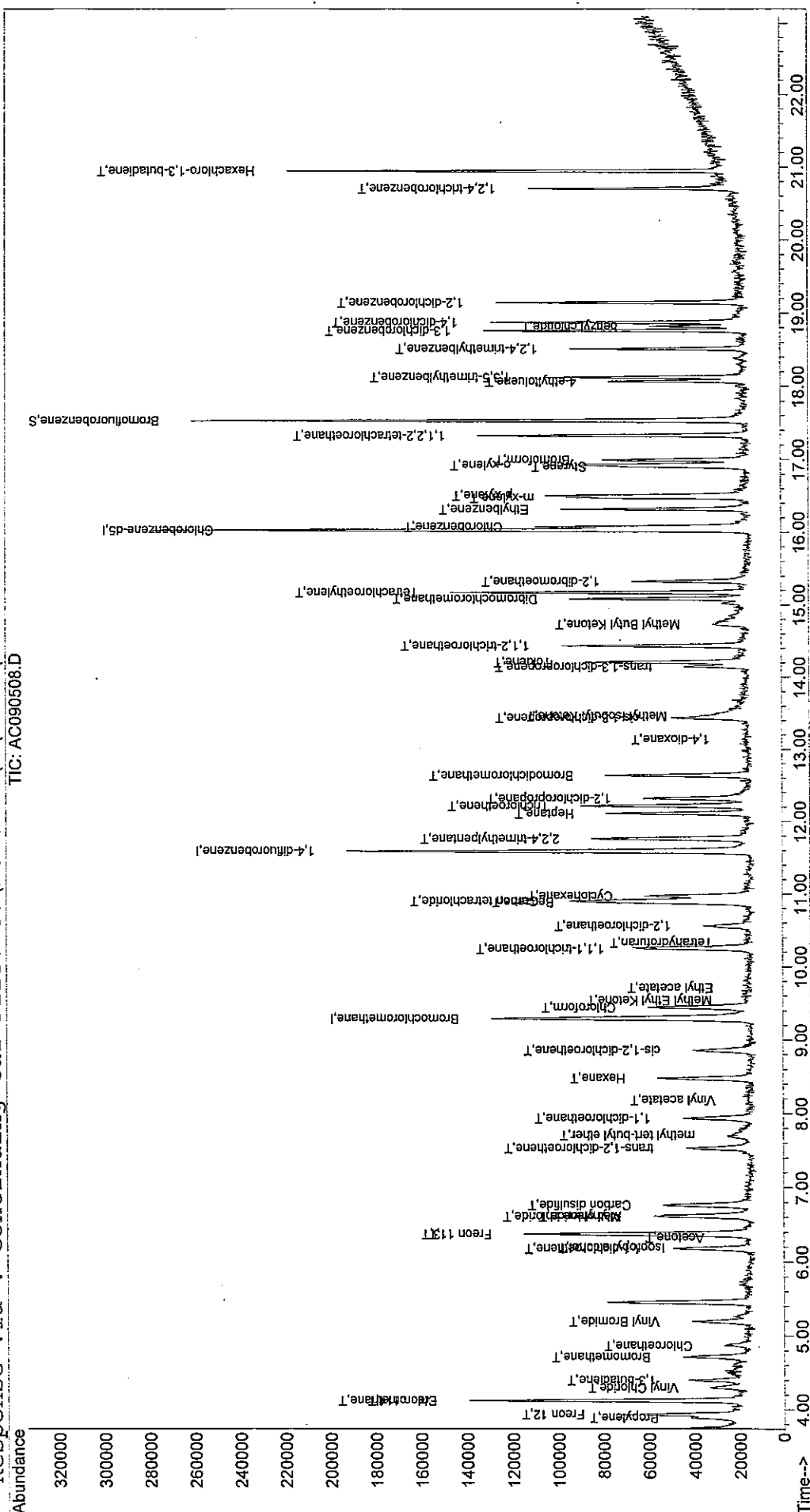
Data File : C:\MSDCHEM\1\DATA\AC090508.D
Acq On : 5 Sep 2005 1:06 pm
Sample : A1UT_0.30
Misc :

Vial: 9
Operator: RJP
Inst : MSD #1
Multiplr: 1.00

MS Integration Params: RTEINT.P
Quant Time: Sep 5 15:16 2005

Quant Results File: A905_1UT.RES

Method : C:\MSDCHEM\1\METHODS\A905_1UT.M (RTE Integrator)
Title : TO-15 VOA Standards for 5 point calibration
Last Update : Wed Oct 05 09:11:33 2005
Response via : Continuing Cal File: C:\MSDCHEM\1\DATA\AC090503.D



Data File : C:\MSDCHEM\1\DATA\AC090509.D

Vial: 10

Acq On : 5 Sep 2005 1:44 pm

Operator: RJP

Sample : A1UT_0.15

Inst : MSD #1

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Sep 05 15:06:26 2005

Quant Results File: A905_1UT.RES

Quant Method : C:\MSDCHEM\1\METHODS\A905_1UT.M (RTE Integrator)

Title : TO-15 VOA Standards for 5 point calibration

Last Update : Mon Sep 05 10:46:16 2005

Response via : Continuing Cal File: C:\MSDCHEM\1\DATA\AC090503.D

DataAcq Meth : A905_1UT

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	9.29	128	61464m	1.00	ppb	0.01
30) 1,4-difluorobenzene	11.58	114	194900	1.00	ppb	0.00
44) Chlorobenzene-d5	16.03	117	173712	1.00	ppb	0.00

System Monitoring Compounds

58) Bromofluorobenzene	17.53	95	82720	0.87	ppb	0.00
Spiked Amount	1.000	Range	70 - 130	Recovery	=	87.00%

Target Compounds

	R.T.	QIon	Response	Conc	Units	Qvalue
2) Propylene	3.88	41	6965	0.19	ppb	96
3) Freon 12	3.93	85	32509	0.16	ppb	99
4) Chloromethane	4.11	50	11788m	0.18	ppb	
5) Freon 114	4.12	85	37994	0.16	ppb	87
6) Vinyl Chloride	4.29	62	10395m	0.18	ppb	
7) 1,3-butadiene	4.39	39	7143	0.18	ppb	# 26
8) Bromomethane	4.71	94	12829	0.16	ppb	# 4
9) Chloroethane	4.87	64	5503m	0.19	ppb	
10) Vinyl Bromide	5.19	106	12998	0.15	ppb	# 48
11) Freon 11	5.45	101	38494	0.14	ppb	93
13) Isopropyl alcohol	6.23	45	12302m	0.17	ppb	
14) 1,1-dichloroethene	6.17	96	10899	0.16	ppb	# 44
15) Freon 113	6.37	101	32041	0.18	ppb	# 79
16) Methylene chloride	6.61	84	11787	0.18	ppb	# 48
17) Allyl chloride	6.61	41	7155	0.12	ppb	83
18) Carbon disulfide	6.76	76	51138m	0.22	ppb	
19) trans-1,2-dichloroethene	7.52	61	12569m	0.16	ppb	
20) methyl tert-butyl ether	7.73	73	15978m	0.14	ppb	
21) 1,1-dichloroethane	7.93	63	19731	0.17	ppb	86
22) Vinyl acetate	8.25	43	10269m	0.12	ppb	
24) cis-1,2-dichloroethene	8.85	61	10546m	0.15	ppb	
25) Hexane	8.47	41	9841	0.16	ppb	# 61
27) Chloroform	9.43	83	24993	0.16	ppb	96
29) 1,2-dichloroethane	10.56	62	12722m	0.16	ppb	
31) 1,1,1-trichloroethane	10.26	97	23082m	0.18	ppb	
32) Cyclohexane	10.97	56	10283	0.16	ppb	# 81
33) Carbon tetrachloride	10.90	117	29910	0.19	ppb	97
34) Benzene	10.87	78	31346	0.19	ppb	69
36) 2,2,4-trimethylpentane	11.76	57	35013	0.17	ppb	77
37) Heptane	12.11	43	12329	0.16	ppb	90
38) Trichloroethene	12.21	130	18613	0.20	ppb	# 88
39) 1,2-dichloropropane	12.32	63	12804	0.20	ppb	100
40) Bromodichloromethane	12.64	83	25184	0.19	ppb	99

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

AC090509.D A905_1UT.M

Fri Oct 07 07:53:07 2005

MSA

Page 1

Data File : C:\MSDCHEM\1\DATA\AC090509.D

Acq On : 5 Sep 2005 1:44 pm

Sample : A1UT_0.15

Misc :

MS Integration Params: RTEINT.P

Quant Time: Sep 05 15:06:26 2005

Vial: 10

Operator: RJP

Inst : MSD #1

Multiplr: 1.00

Quant Results File: A905_1UT.RES

Quant Method : C:\MSDCHEM\1\METHODS\A905_1UT.M (RTE Integrator)

Title : TO-15 VOA Standards for 5 point calibration

Last Update : Mon Sep 05 10:46:16 2005

Response via : Continuing Cal File: C:\MSDCHEM\1\DATA\AC090503.D

DataAcq Meth : A905_1UT

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
41) cis-1,3-dichloropropene	13.42	75	12133	0.16	ppb	91
42) trans-1,3-dichloropropene	14.15	75	8697	0.14	ppb	82
43) 1,1,2-trichloroethane	14.43	97	16112	0.19	ppb	96
45) Toluene	14.21	92	20559	0.18	ppb	96
46) Methyl Isobutyl Ketone	13.47	43	17694m	0.20	ppb	
47) Dibromochloromethane	15.08	129	26525	0.18	ppb	92
48) Methyl Butyl Ketone	14.76	43	14529m	0.20	ppb	
49) 1,2-dibromoethane	15.32	107	21400	0.16	ppb	92
50) Tetrachloroethylene	15.17	164	16753	0.18	ppb	97
51) Chlorobenzene	16.08	112	30473	0.17	ppb	78
52) Ethylbenzene	16.31	91	31173	0.14	ppb	90
53) m-xylene	16.47	91	23633m	0.13	ppb	
54) p-xylene	16.51	91	22237m	0.11	ppb	
55) Styrene	16.89	104	15393	0.12	ppb	# 62
56) Bromoform	16.99	173	18107	0.17	ppb	95
57) o-xylene	16.92	91	25669	0.12	ppb	92
59) 1,1,2,2-tetrachloroethane	17.33	83	37527	0.19	ppb	94
60) 4-ethyltoluene	18.07	105	19262	0.13	ppb	97
61) 1,3,5-trimethylbenzene	18.12	105	22122	0.10	ppb	83
62) 1,2,4-trimethylbenzene	18.51	105	21515	0.12	ppb	83
63) 1,3-dichlorobenzene	18.76	146	28366	0.16	ppb	95
64) benzyl chloride	18.82	91	13264	0.12	ppb	81
65) 1,4-dichlorobenzene	18.87	146	24974	0.14	ppb	98
66) 1,2-dichlorobenzene	19.14	146	25266	0.16	ppb	95
67) 1,2,4-trichlorobenzene	20.70	180	15385m	0.14	ppb	
68) Hexachloro-1,3-butadiene	20.94	225	16268	0.18	ppb	91

(#) = qualifier out of range (m) = manual integration (+) = signals summed
 AC090509.D A905_1UT.M Fri Oct 07 07:53:07 2005 MSA Page 2

Data File : C:\MSDCHEM\1\DATA\AC090509.D
Acq On : 5 Sep 2005 1:44 pm
Sample : ALUT_0.15
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 5 15:18 2005

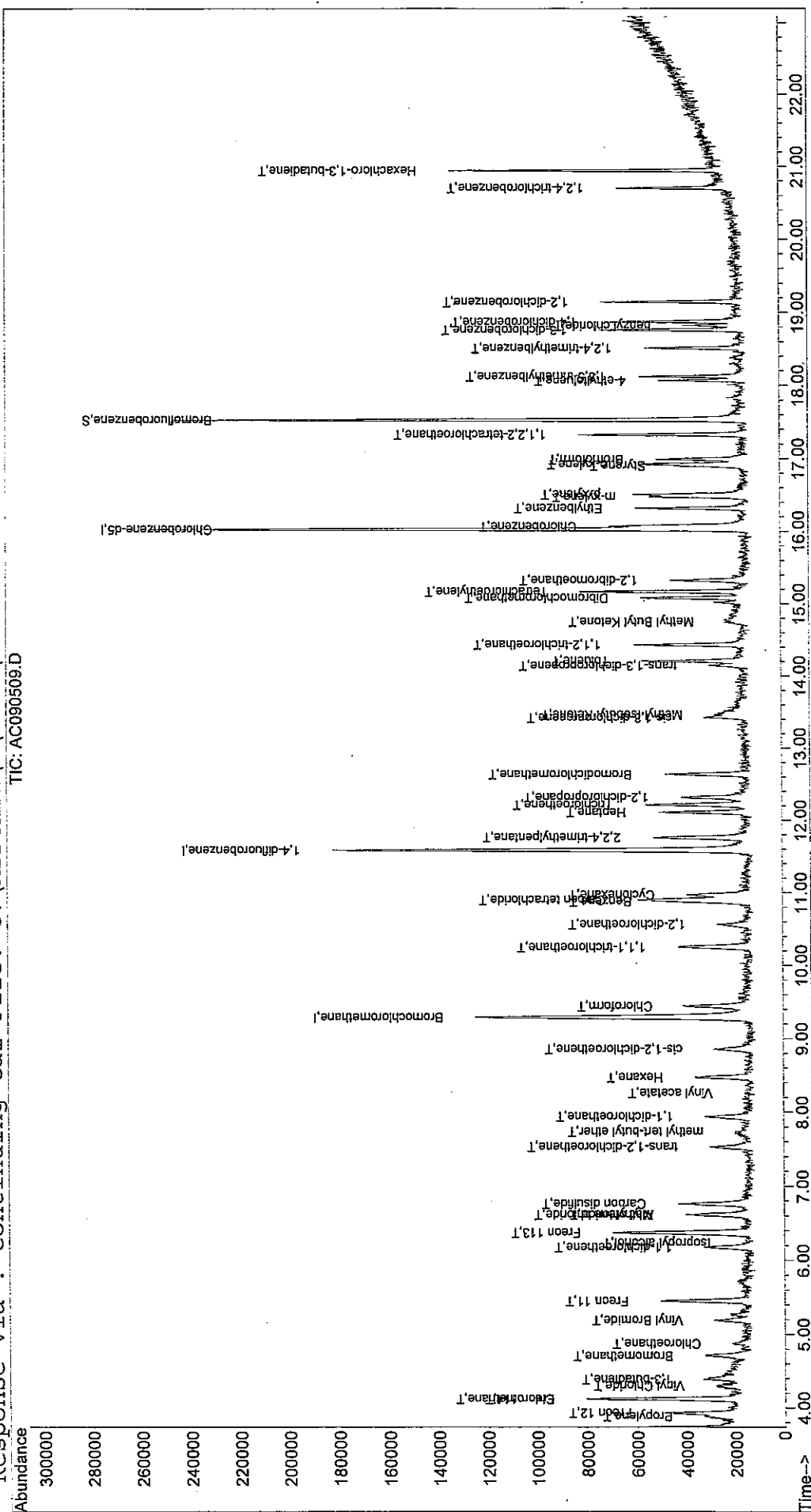
Vial: 10
Operator: RJP
Inst : MSD #1
Multiplr: 1.00

Quant Results File: A905_1UT.RES

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Method      : C:\MSDCHEM\1\METHODS\A905_1UT.M (RTE Integrator)
Title       : TO-15 VOA Standards for 5 point calibration
Last Update : Wed Oct 05 09:11:33 2005
Response via : Continuing Cal File: C:\MSDCHEM\1\DATA\AC090503.D

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Data File : C:\MSDCHEM\1\DATA\AC090510.D

Vial: 11

Acq On : 5 Sep 2005 2:21 pm

Operator: RJP

Sample : A1UT_0.10

Inst : MSD #1

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Sep 05 15:06:42 2005

Quant Results File: A905_1UT.RES

Quant Method : C:\MSDCHEM\1\METHODS\A905_1UT.M (RTE Integrator)

Title : TO-15 VOA Standards for 5 point calibration

Last Update : Mon Sep 05 10:46:16 2005

Response via : Continuing Cal File: C:\MSDCHEM\1\DATA\AC090503.D

DataAcq Meth : A905_1UT

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	9.29	128	54705	1.00	ppb	0.02
30) 1,4-difluorobenzene	11.58	114	194242m ρ	1.00	ppb	0.00
44) Chlorobenzene-d5	16.03	117	168310	1.00	ppb	0.00

System Monitoring Compounds

58) Bromofluorobenzene	17.53	95	79516	0.86	ppb	0.00
Spiked Amount	1.000	Range	70 - 130	Recovery	=	86.00%

Target Compounds

38) Trichloroethene	12.22	130	11615m ρ	0.12	ppb	Qvalue

Data File : C:\MSDCHEM\1\DATA\AC090510.D

Acq On : 5 Sep 2005 2:21 pm

Sample : A1UT_0.10

Misc :

MS Integration Params: RTEINT.P

Quant Time: Sep 5 15:19 2005

Quant Results File: A905_1UT.RES

Method

: C:\MSDCHEM\1\METHODS\A905_1UT.M (RTE Integrator)

Title

: TO-15 VOA Standards for 5 point calibration

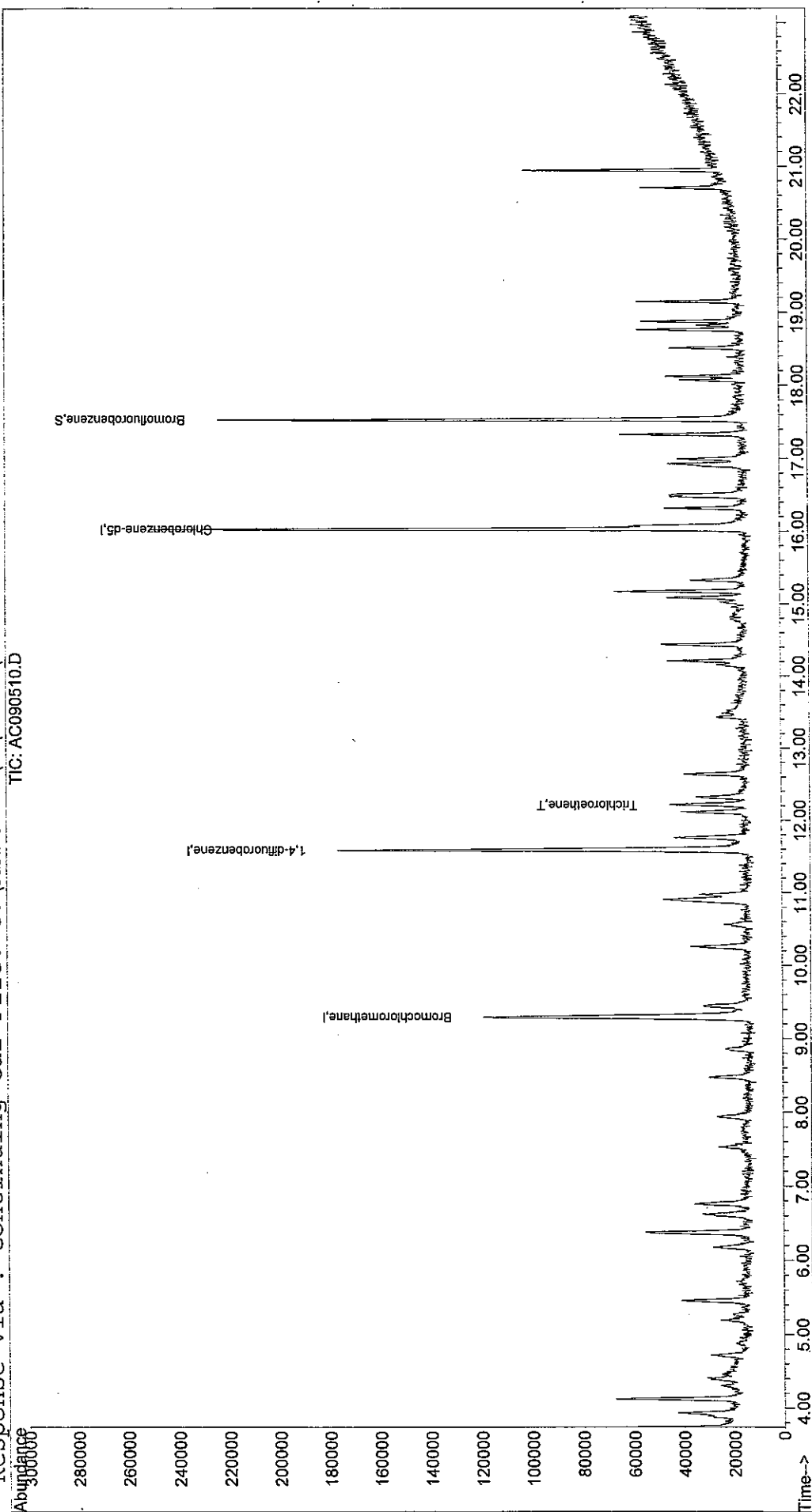
Last Update

: Wed Oct 05 09:11:33 2005

Response via

: Continuing Cal File: C:\MSDCHEM\1\DATA\AC090503.D

TIC: AC090510.D



Data File : C:\MSDCHEM\1\DATA\AC090512.D

Vial: 13

Acq On : 5 Sep 2005 3:36 pm

Operator: RJP

Sample : A1UT_0.04

Inst : MSD #1

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Sep 05 16:04:03 2005

Quant Results File: A905_1UT.RES

Quant Method : C:\MSDCHEM\1\METHODS\A905_1UT.M (RTE Integrator)

Title : TO-15 VOA Standards for 5 point calibration

Last Update : Mon Sep 05 10:46:16 2005

Response via : Continuing Cal File: C:\MSDCHEM\1\DATA\AC090503.D

DataAcq Meth : A905_1UT

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	9.30	128	52634	1.00	ppb	0.02
30) 1,4-difluorobenzene	11.59	114	172893	1.00	ppb	0.00
44) Chlorobenzene-d5	16.03	117	154126	1.00	ppb	0.00

System Monitoring Compounds

58) Bromofluorobenzene	17.54	95	70423m ⁰	0.83	ppb	0.00
Spiked Amount	1.000	Range	70 - 130	Recovery	=	83.00%

Target Compounds

38) Trichloroethene	12.21	130	4210m ¹	0.05	ppb	Qvalue

Data File : C:\MSDCHEM\1\DATA\AC090512.D

Acq On : 5 Sep 2005 3:36 pm

Sample : A1UT_0.04

Misc :

MS Integration Params: RTEINT.P

Quant Time: Sep 5 16:05 2005

Quant Results File: A905_1UT.RES

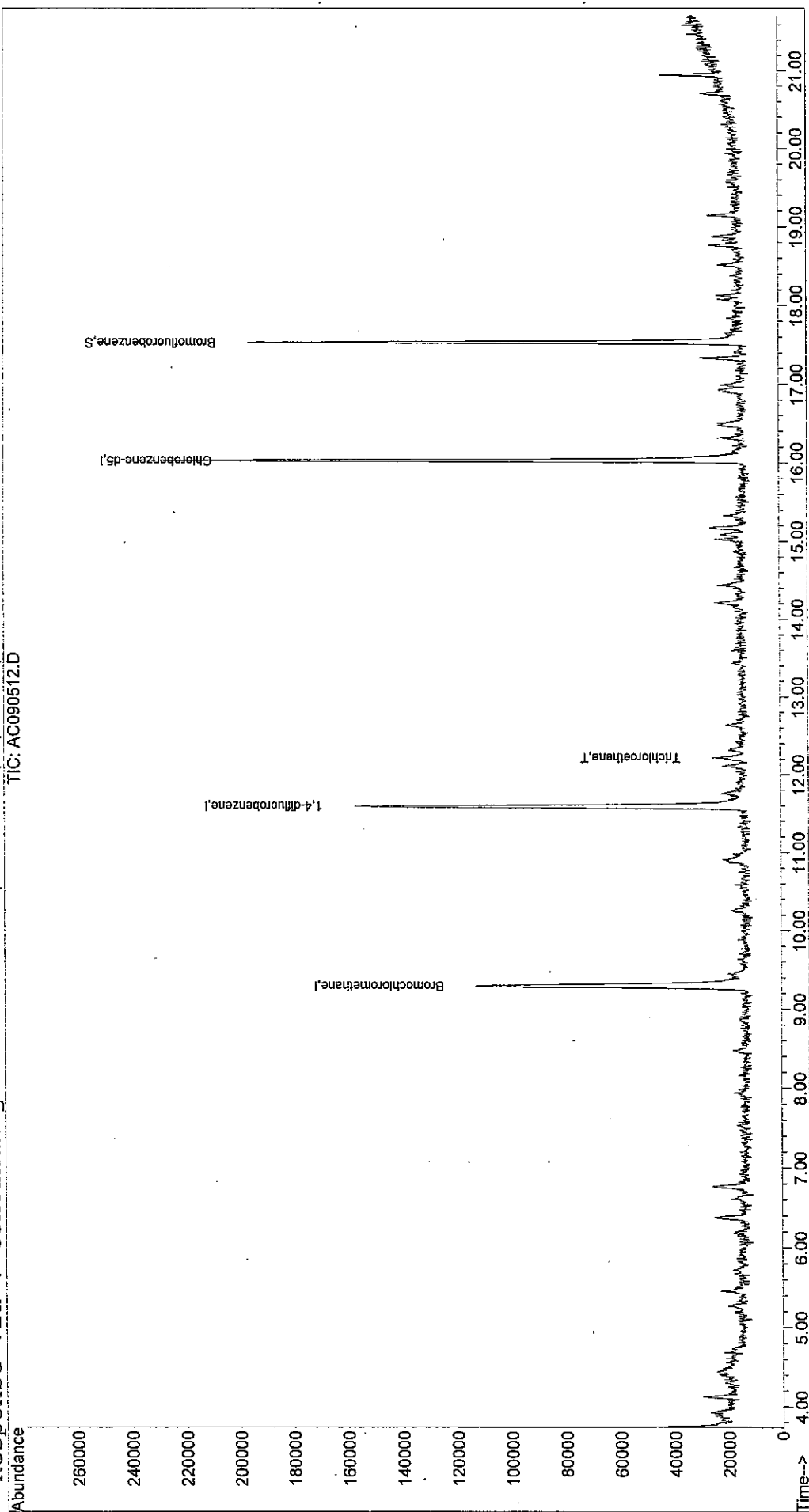
Method : C:\MSDCHEM\1\METHODS\A905_1UT.M (RTE Integrator)

Title : TO-15 VOA Standards for 5 point calibration

Last Update : Wed Oct 05 09:11:33 2005

Response via : Continuing Cal File: C:\MSDCHEM\1\DATA\AC090503.D

TIC: AC090512.D



GC/MS VOLATILES-WHOLE AIR

METHOD TO-15

CALIBRATION VERIFICATION

Evaluate Continuing Calibration Report

Data File : C:\MSDCHEM\1\DATA\AC092903.D

Vial: 3

Acq On : 29 Sep 2005 11:05 am

Operator: RJP

Sample : A1UT_1.0

Inst : MSD #1

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Method : C:\MSDCHEM\1\METHODS\A905_1UT.M (RTE Integrator)

Title : TO-15 VOA Standards for 5 point calibration

Last Update : Sun Oct 09 14:17:28 2005

Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.33min

Max. RRF Dev : 30% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	1.000	1.000	0.0	44#	0.00
2 T	Propylene	0.629	0.782	-24.3	56	0.00
3 T	Freon 12	3.250	3.632	-11.8	48#	0.00
4 T	Chloromethane	1.131	0.983	13.1	40#	0.00
5 T	Freon 114	3.858	4.127	-7.0	47#	0.00
6 T	Vinyl Chloride	0.985	0.860	12.7	40#	0.00
7 T	1,3-butadiene	0.670	0.662	1.2	46#	0.00
8 T	Bromomethane	1.342	1.361	-1.4	46#	0.00
9 T	Chloroethane	0.496	0.426	14.1	40#	0.00
10 T	Vinyl Bromide	1.394	1.794	-28.7	56	0.00
11 T	Freon 11	4.302	5.291	-23.0	50	0.00
12 T	Acetone	0.498	0.628	-26.1	61	0.00
13 T	Isopropyl alcohol	1.158	1.294	-11.7	51	0.00
14 T	1,1-dichloroethene	1.091	1.191	-9.2	47#	0.00
15 T	Freon 113	2.984	3.177	-6.5	48#	0.00
16 T	Methylene chloride	1.115	1.204	-8.0	49#	0.00
17 T	Allyl chloride	0.942	1.207	-28.1	54	0.00
18 T	Carbon disulfide	4.280	4.203	1.8	48#	0.00
19 T	trans-1,2-dichloroethene	1.264	1.520	-20.3	53	0.00
20 T	methyl tert-butyl ether	1.814	1.770	2.4	41#	0.00
21 T	1,1-dichloroethane	1.916	1.980	-3.3	47#	0.00
22 T	Vinyl acetate	1.261	1.316	-4.4	42#	0.00
23 T	Methyl Ethyl Ketone	0.966	1.124	-16.4	51	0.00
24 T	cis-1,2-dichloroethene	1.132	1.137	-0.4	43#	0.00
25 T	Hexane	1.008	1.121	-11.2	50#	0.00
26 T	Ethyl acetate	1.216	1.130	7.1	41#	0.00
27 T	Chloroform	2.577	2.719	-5.5	47#	0.00
28 T	Tetrahydrofuran	0.788	0.773	1.9	43#	0.00
29 T	1,2-dichloroethane	1.290	1.307	-1.3	44#	0.00
30 I	1,4-difluorobenzene	1.000	1.000	0.0	33#	0.00
31 T	1,1,1-trichloroethane	0.717	0.899	-25.4	45#	0.00
32 T	Cyclohexane	0.344	0.414	-20.3	42#	0.00
33 T	Carbon tetrachloride	0.860	1.082	-25.8	45#	0.00
34 T	Benzene	0.907	1.106	-21.9	44#	0.00
35 T	1,4-dioxane	0.090	0.069	23.3	27#	0.00
36 T	2,2,4-trimethylpentane	1.128	1.434	-27.1	44#	0.00
37 T	Heptane	0.395	0.508	-28.6	43#	0.00
38 T	Trichloroethene	0.543	0.643	-18.4	45#	0.00
39 T	1,2-dichloropropane	0.326	0.405	-24.2	41#	0.00
40 T	Bromodichloromethane	0.690	0.887	-28.6	43#	0.00

(#)= Out of Range

AC092903.D A905_1UT.M

Sun Oct 09 14:21:36 2005

MSA

Page 1

Evaluate Continuing Calibration Report

Data File : C:\MSDCHEM\1\DATA\AC092903.D

Vial: 3

Acq On : 29 Sep 2005 11:05 am

Operator: RJP

Sample : A1UT_1.0

Inst : MSD #1

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Method : C:\MSDCHEM\1\METHODS\A905_1UT.M (RTE Integrator)

Title : TO-15 VOA Standards for 5 point calibration

Last Update : Sun Oct 09 14:17:28 2005

Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.33min

Max. RRF Dev : 30% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41 T	cis-1,3-dichloropropene	0.409	0.485	-18.6	41#	0.00
42 T	trans-1,3-dichloropropene	0.340	0.398	-17.1	41#	0.00
43 T	1,1,2-trichloroethane	0.476	0.590	-23.9	44#	0.00
44 I	Chlorobenzene-d5	1.000	1.000	0.0	39#	0.00
45 T	Toluene	0.684	0.780	-14.0	46#	0.00
46 T	Methyl Isobutyl Ketone	0.553	0.613	-10.8	46#	0.00
47 T	Dibromochloromethane	0.867	1.102	-27.1	51	0.00
48 T	Methyl Butyl Ketone	0.477	0.425	10.9	38#	0.00
49 T	1,2-dibromoethane	0.755	0.808	-7.0	42#	0.00
50 T	Tetrachloroethylene	0.551	0.605	-9.8	45#	0.00
51 T	Chlorobenzene	1.053	1.080	-2.6	41#	0.00
52 T	Ethylbenzene	1.243	1.158	6.8	36#	0.00
53 T	m-xylene	1.012	1.135	-12.2	38#	0.00
54 T	p-xylene	1.139	1.201	-5.4	38#	0.00
55 T	Styrene	0.679	0.637	6.2	35#	0.00
56 T	Bromoform	0.623	0.782	-25.5	49#	0.00
57 T	o-xylene	1.225	1.221	0.3	38#	0.00
58 S	Bromofluorobenzene	0.510	0.540	-5.9	38#	0.00
59 T	1,1,2,2-tetrachloroethane	1.185	1.279	-7.9	44#	0.00
60 T	4-ethyltoluene	0.838	1.004	-19.8	44#	0.00
61 T	1,3,5-trimethylbenzene	1.150	1.420	-23.5	43#	0.00
62 T	1,2,4-trimethylbenzene	0.979	1.091	-11.4	40#	0.00
63 T	1,3-dichlorobenzene	1.051	1.201	-14.3	44#	0.00
64 T	benzyl chloride	0.584	0.743	-27.2	47#	0.00
65 T	1,4-dichlorobenzene	1.024	1.194	-16.6	43#	0.00
66 T	1,2-dichlorobenzene	0.942	1.134	-20.4	47#	0.00
67 T	1,2,4-trichlorobenzene	0.595	0.714	-20.0	45#	0.00
68 T	Hexachloro-1,3-butadiene	0.526	0.681	-29.5	52	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 0

AC092903.D A905_1UT.M

Sun Oct 09 14:21:37 2005

MSA

Page 2

Data File : C:\MSDCHEM\1\DATA\AC092903.D

Vial: 3

Acq On : 29 Sep 2005 11:05 am

Operator: RJP

Sample : A1UT_1.0

Inst : MSD #1

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Sep 29 11:28:23 2005

Quant Results File: A905_1UT.RES

Quant Method : C:\MSDCHEM\1\METHODS\A905_1UT.M (RTE Integrator)

Title : TO-15 VOA Standards for 5 point calibration

Last Update : Tue Sep 06 13:55:05 2005

Response via : Initial Calibration

DataAcq Meth : A905_1UT

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) Bromochloromethane	9.28	128	26275m	1.00	ppb	0.00
30) 1,4-difluorobenzene	11.58	114	73527	1.00	ppb	0.00
44) Chlorobenzene-d5	16.03	117	73897	1.00	ppb	0.00

System Monitoring Compounds

58) Bromofluorobenzene	17.53	95	39928	1.06	ppb	0.00
Spiked Amount	1.000	Range	70 - 130	Recovery	=	106.00%

Target Compounds

						Qvalue
2) Propylene	3.88	41	20558m	1.24	ppb	
3) Freon 12	3.93	85	95431	1.12	ppb	98
4) Chloromethane	4.11	50	25819	0.87	ppb	81
5) Freon 114	4.11	85	108425	1.07	ppb	# 73
6) Vinyl Chloride	4.29	62	22604	0.87	ppb	87
7) 1,3-butadiene	4.39	39	17394	0.99	ppb	# 42
8) Bromomethane	4.70	94	35750	1.01	ppb	90
9) Chloroethane	4.86	64	11187	0.86	ppb	84
10) Vinyl Bromide	5.18	106	47145	1.29	ppb	98
11) Freon 11	5.44	101	139017m	1.23	ppb	
12) Acetone	5.79	58	16513m	1.26	ppb	
13) Isopropyl alcohol	5.83	45	33987m	1.12	ppb	
14) 1,1-dichloroethene	6.16	96	31293	1.09	ppb	# 50
15) Freon 113	6.36	101	83464	1.06	ppb	# 84
16) Methylene chloride	6.59	84	31631m	1.08	ppb	
17) Allyl chloride	6.59	41	31726m	1.28	ppb	
18) Carbon disulfide	6.75	76	110430	0.98	ppb	96
19) trans-1,2-dichloroethene	7.51	61	39943	1.20	ppb	# 66
20) methyl tert-butyl ether	7.58	73	46507	0.98	ppb	98
21) 1,1-dichloroethane	7.92	63	52025	1.03	ppb	92
22) Vinyl acetate	8.03	43	34585m	1.04	ppb	
23) Methyl Ethyl Ketone	8.88	43	29541m	1.16	ppb	
24) cis-1,2-dichloroethene	8.84	61	29887	1.01	ppb	# 59
25) Hexane	8.46	41	29450	1.11	ppb	97
26) Ethyl acetate	9.30	43	29694m	0.93	ppb	
27) Chloroform	9.43	83	71432	1.06	ppb	97
28) Tetrahydrofuran	9.99	42	20312m	0.98	ppb	
29) 1,2-dichloroethane	10.53	62	34338	1.01	ppb	100
31) 1,1,1-trichloroethane	10.25	97	66097m	1.25	ppb	
32) Cyclohexane	10.96	56	30455m	1.20	ppb	
33) Carbon tetrachloride	10.90	117	79581m	1.26	ppb	
34) Benzene	10.87	78	81302	1.22	ppb	81
35) 1,4-dioxane	13.20	88	5083m	0.77	ppb	

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

AC092903.D A905_1UT.M

Sun Oct 09 14:21:41 2005

MSA

Page 1

Data File : C:\MSDCHEM\1\DATA\AC092903.D

Vial: 3

Acq On : 29 Sep 2005 11:05 am

Operator: RJP

Sample : A1UT_1.0

Inst : MSD #1

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Sep 29 11:28:23 2005

Quant Results File: A905_1UT.RES

Quant Method : C:\MSDCHEM\1\METHODS\A905_1UT.M (RTE Integrator)

Title : TO-15 VOA Standards for 5 point calibration

Last Update : Tue Sep 06 13:55:05 2005

Response via : Initial Calibration

DataAcq Meth : A905_1UT

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
36) 2,2,4-trimethylpentane	11.75	57	105408m	1.27	ppb	
37) Heptane	12.10	43	37351	1.29	ppb	87
38) Trichloroethene	12.21	130	47272	1.18	ppb	# 88
39) 1,2-dichloropropane	12.31	63	29766m	1.24	ppb	
40) Bromodichloromethane	12.63	83	65193m	1.29	ppb	
41) cis-1,3-dichloropropene	13.42	75	35657	1.18	ppb	96
42) trans-1,3-dichloropropene	14.14	75	29247	1.17	ppb	96
43) 1,1,2-trichloroethane	14.43	97	43363	1.24	ppb	100
45) Toluene	14.20	92	57650	1.14	ppb	93
46) Methyl Isobutyl Ketone	13.42	43	45287m	1.11	ppb	
47) Dibromochloromethane	15.08	129	81450	1.27	ppb	99
48) Methyl Butyl Ketone	14.69	43	31432m	0.89	ppb	
49) 1,2-dibromoethane	15.32	107	59738	1.07	ppb	98
50) Tetrachloroethylene	15.17	164	44737	1.10	ppb	99
51) Chlorobenzene	16.07	112	79802	1.03	ppb	88
52) Ethylbenzene	16.32	91	85589	0.93	ppb	92
53) m-xylene	16.49	91	83848m	1.12	ppb	
54) p-xylene	16.50	91	88763	1.05	ppb	75
55) Styrene	16.90	104	47074	0.94	ppb	# 63
56) Bromoform	16.99	173	57797m	1.26	ppb	
57) o-xylene	16.92	91	90194	1.00	ppb	87
59) 1,1,2,2-tetrachloroethane	17.33	83	94486	1.08	ppb	99
60) 4-ethyltoluene	18.07	105	74169	1.20	ppb	93
61) 1,3,5-trimethylbenzene	18.12	105	104960	1.23	ppb	83
62) 1,2,4-trimethylbenzene	18.51	105	80636	1.11	ppb	86
63) 1,3-dichlorobenzene	18.76	146	88750	1.14	ppb	97
64) benzyl chloride	18.82	91	54886m	1.27	ppb	
65) 1,4-dichlorobenzene	18.87	146	88204	1.17	ppb	97
66) 1,2-dichlorobenzene	19.14	146	83787	1.20	ppb	97
67) 1,2,4-trichlorobenzene	20.70	180	52789	1.20	ppb	97
68) Hexachloro-1,3-butadiene	20.95	225	50319m	1.29	ppb	

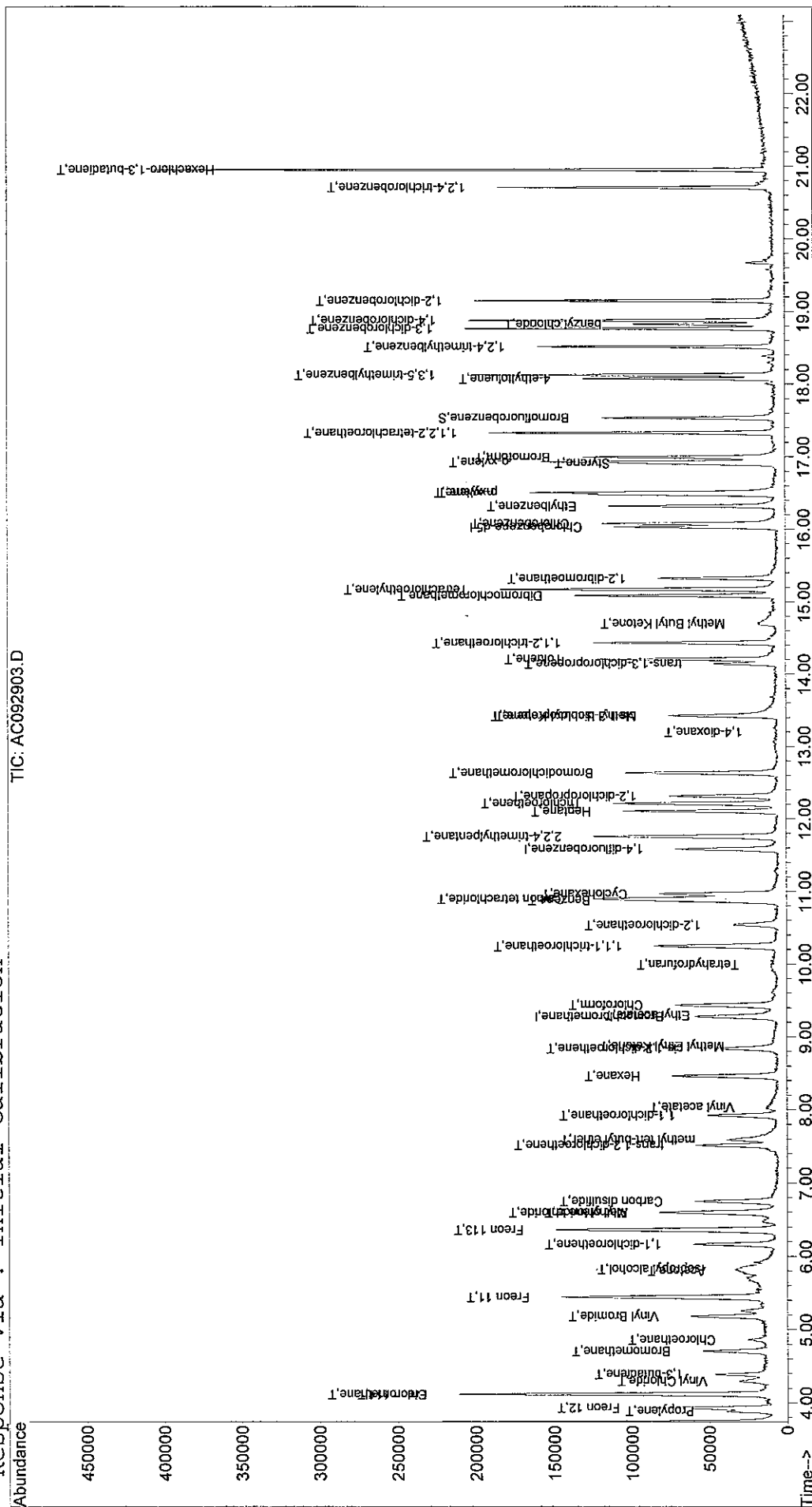
(#) = qualifier out of range (m) = manual integration (+) = signals summed
 AC092903.D A905_1UT.M Sun Oct 09 14:21:42 2005 MSA Page 2

Data File : C:\MSDCHEM\1\DATA\AC092903.D
Acq On : 29 Sep 2005 11:05 am
Sample : ALUT_1.0
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 29 12:45 2005

Vial: 3
Operator: RJP
Inst : MSD #1
Multiplr: 1.00

Quant Results File: A905_1UT.RES

Method : C:\MSDCHEM\1\METHODS\A905_1UT.M (RTE Integrator)
Title : TO-15 VOA Standards for 5 point calibration
Last Update : Sun Oct 09 14:17:28 2005
Response via : Initial Calibration



GC/MS VOLATILES-WHOLE AIR

METHOD TO-15

RAW DATA

Data File : C:\MSDCHEM\1\DATA\AC090501.D

Vial: 2

Acq On : 5 Sep 2005 8:26 am

Operator: RJP

Sample : BFB1UT

Inst : MSD #1

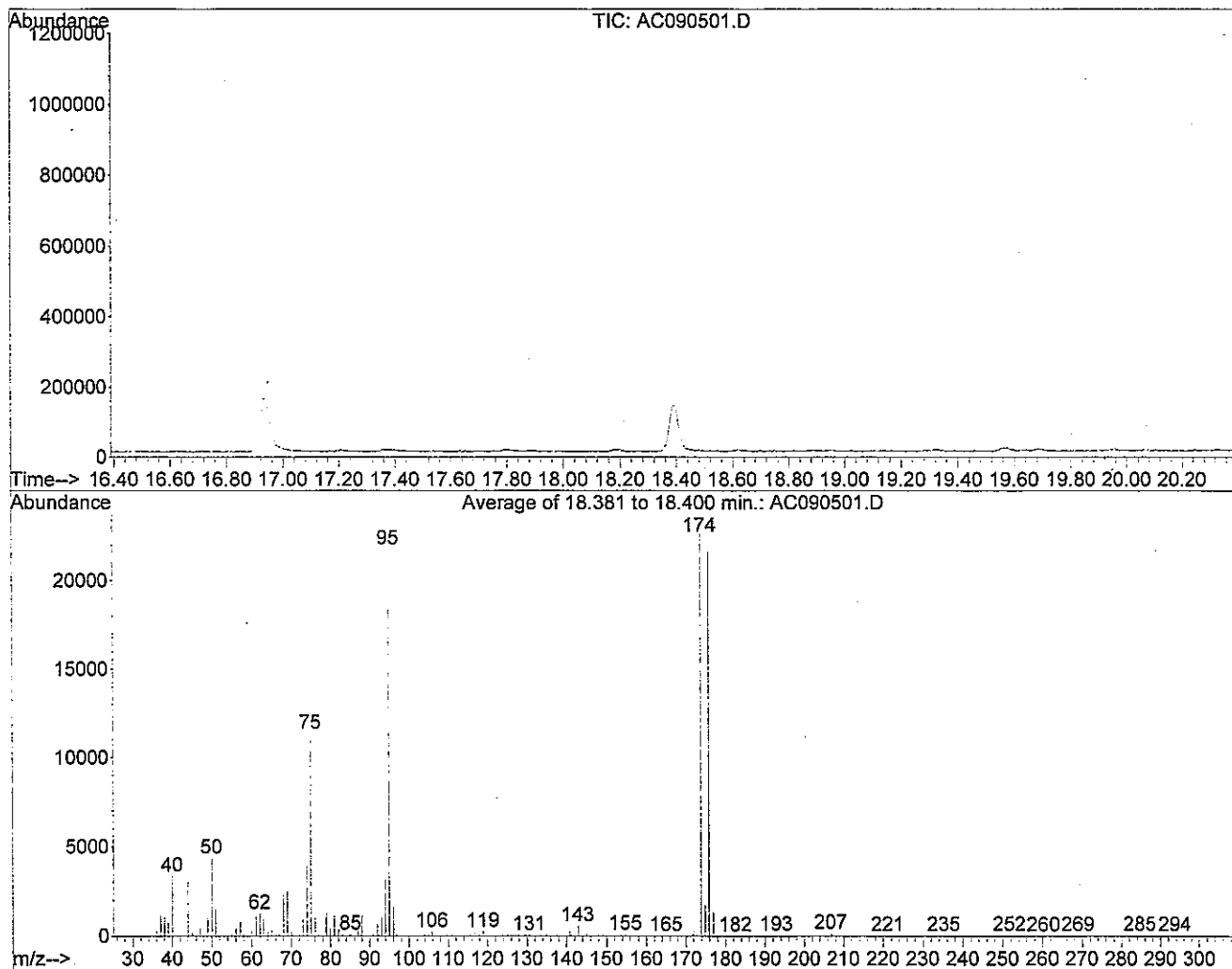
Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Method : C:\MSDCHEM\1\METHODS\A905_1UT.M (RTE Integrator)

Title : TO-15 VOA Standards for 5 point calibration



Spectrum Information: Average of 18.381 to 18.400 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	40	20.0	4354	PASS
75	95	30	66	52.1	11357	PASS
95	95	100	100	100.0	21797	PASS
96	95	5	9	7.6	1653	PASS
173	174	0.00	2	0.5	109	PASS
174	95	50	120	103.9	22654	PASS
175	174	4	9	7.8	1756	PASS
176	174	95	101	95.6	21652	PASS
177	176	5	9	6.2	1346	PASS

Average of 18.381 to 18.400 min.: AC090501.D
BFB1UT

35.20	38.0
36.00	337.0
37.10	1229.0
38.10	1086.0
39.05	763.0
40.10	3357.0
41.00	66.0
41.20	47.0
41.50	22.0
41.85	46.0
42.10	40.0
42.40	14.0
42.80	16.0
43.10	149.0
44.10	3063.0
44.80	33.0
45.05	197.0
45.20	116.0
45.40	46.0
46.00	94.0
46.40	20.0
47.10	487.0
47.80	80.0
48.10	71.0
48.20	19.0
48.35	43.0
49.05	1022.0
50.10	4354.0
51.05	1548.0
51.80	53.0
52.05	76.0
52.40	85.0
52.95	90.0
53.10	38.0
53.30	10.0
53.95	63.0
54.20	30.0
54.50	14.0
54.80	25.0
55.05	158.0
55.30	66.0
55.80	42.0
56.10	497.0
57.10	832.0
57.80	93.0
58.10	30.0
58.40	21.0
58.70	19.0
59.00	17.0
59.40	20.0
59.60	11.0
59.95	320.0
60.25	81.0
61.05	1116.0
62.05	1251.0
63.05	917.0
64.05	230.0
64.30	24.0

64.60	25.0
65.05	300.0
65.30	56.0
65.60	29.0
66.15	93.0
66.45	22.0
66.85	64.0
67.10	82.0
68.05	2325.0
69.05	2591.0
69.80	29.0
70.10	214.0
70.25	63.0
70.70	21.0
71.00	10.0
71.25	31.0
71.60	19.0
72.00	131.0
73.00	951.0
74.05	4157.0
75.05	11357.0
76.05	1038.0
76.85	150.0
77.20	25.0
77.65	27.0
77.80	31.0
78.00	137.0
78.95	1312.0
79.90	440.0
80.95	1153.0
82.05	394.0
82.80	25.0
83.05	70.0
83.40	29.0
83.80	51.0
84.45	42.0
84.90	18.0
85.05	89.0
85.30	40.0
85.60	16.0
85.90	47.0
86.20	62.0
86.95	1132.0
87.80	95.0
88.00	1172.0
88.80	11.0
89.80	21.0
90.20	20.0
90.85	140.0
91.00	21.0
91.20	8.0
91.95	696.0
92.20	74.0
93.05	1033.0
94.05	3146.0
95.05	21797.0
96.05	1653.0
96.85	75.0
97.10	11.0
97.30	27.0
97.95	16.0

98.70	10.0
99.10	24.0
99.30	10.0
100.20	8.0
101.40	11.0
101.85	33.0
102.20	13.0
102.70	13.0
102.90	12.0
103.20	19.0
103.70	28.0
103.85	105.0
104.15	28.0
104.95	101.0
105.90	244.0
106.40	15.0
106.85	30.0
107.50	10.0
107.95	64.0
108.30	17.0
108.55	18.0
108.85	28.0
109.40	15.0
109.80	14.0
110.05	32.0
110.80	15.0
110.90	7.0
111.05	68.0
111.85	28.0
112.10	22.0
112.90	37.0
113.35	18.0
113.80	10.0
114.30	32.0
114.80	24.0
115.10	20.0
115.60	46.0
115.90	112.0
116.85	203.0
117.70	43.0
117.90	73.0
118.10	9.0
118.95	249.0
119.20	18.0
120.00	19.0
120.40	23.0
120.65	14.0
121.20	9.0
121.90	15.0
122.30	10.0
122.50	17.0
123.10	9.0
123.80	55.0
124.50	11.0
124.80	9.0
125.15	23.0
125.70	15.0
125.95	37.0
126.50	35.0
127.10	33.0
127.50	11.0

127.85	62.0
128.10	63.0
128.75	33.0
129.20	53.0
129.50	10.0
129.90	64.0
130.20	15.0
130.65	67.0
130.90	15.0
131.70	7.0
132.00	7.0
132.65	28.0
132.95	17.0
133.50	9.0
133.70	8.0
134.10	15.0
134.70	8.0
134.90	33.0
135.15	35.0
135.85	33.0
136.60	24.0
136.90	10.0
137.20	19.0
137.50	8.0
137.90	14.0
138.70	34.0
139.70	42.0
140.20	26.0
140.85	279.0
141.10	103.0
142.05	43.0
142.90	565.0
143.80	14.0
144.10	23.0
144.40	21.0
144.95	149.0
145.75	42.0
146.00	11.0
146.50	16.0
146.95	27.0
147.30	10.0
147.95	114.0
148.95	44.0
149.15	42.0
149.60	7.0
150.20	12.0
150.90	9.0
151.70	49.0
151.95	29.0
152.75	54.0
153.10	37.0
153.30	7.0
153.65	50.0
154.10	8.0
154.80	101.0
155.50	13.0
156.00	43.0
157.70	20.0
157.90	9.0
158.40	7.0
158.90	34.0

159.60	20.0
160.10	8.0
160.60	11.0
160.80	13.0
161.10	20.0
161.80	7.0
162.85	16.0
163.50	10.0
163.75	20.0
164.80	9.0
165.05	24.0
165.80	24.0
166.85	18.0
167.80	9.0
168.10	9.0
169.00	32.0
169.20	9.0
170.30	11.0
171.00	27.0
171.15	40.0
171.80	150.0
171.90	84.0
172.05	299.0
172.75	109.0
173.00	48.0
173.90	22654.0
174.95	1756.0
175.90	21652.0
176.95	1346.0
177.85	65.0
178.20	16.0
179.30	10.0
180.70	40.0
181.10	10.0
181.70	9.0
182.20	8.0
182.60	11.0
182.80	7.0
184.10	7.0
184.60	26.0
185.55	20.0
187.00	8.0
189.40	7.0
190.00	10.0
190.90	19.0
192.00	7.0
192.65	27.0
192.90	39.0
194.40	12.0
194.70	7.0
195.20	7.0
195.80	9.0
196.20	8.0
197.15	17.0
197.50	8.0
197.90	7.0
201.00	8.0
201.30	18.0
202.20	9.0
202.70	19.0
203.70	16.0

205.20	11.0
206.15	29.0
206.85	136.0
207.10	52.0
207.80	48.0
208.10	22.0
209.10	27.0
211.80	8.0
212.30	11.0
213.70	14.0
214.00	15.0
215.10	8.0
216.00	8.0
216.60	22.0
216.90	10.0
218.30	13.0
218.70	16.0
219.60	8.0
220.00	10.0
220.30	10.0
220.70	20.0
221.20	28.0
222.80	14.0
223.30	7.0
223.80	22.0
224.50	9.0
224.80	14.0
225.20	8.0
225.50	7.0
226.15	21.0
226.50	10.0
227.00	10.0
228.80	8.0
229.00	7.0
230.85	20.0
231.80	9.0
233.10	13.0
233.90	12.0
234.10	10.0
234.40	11.0
235.25	25.0
235.90	7.0
237.30	7.0
238.30	19.0
239.30	12.0
240.60	11.0
241.00	14.0
242.00	11.0
243.00	12.0
245.40	10.0
246.00	10.0
246.30	9.0
246.55	19.0
247.10	9.0
247.40	36.0
248.00	11.0
248.50	18.0
248.70	12.0
249.60	9.0
250.40	17.0
250.90	13.0

251.80	43.0
252.60	12.0
253.10	11.0
253.80	25.0
254.20	9.0
254.50	18.0
255.70	11.0
256.35	19.0
256.70	8.0
257.75	19.0
258.70	8.0
259.60	10.0
260.30	13.0
261.00	19.0
262.40	21.0
263.10	22.0
263.60	7.0
264.10	7.0
265.30	11.0
265.60	8.0
266.00	10.0
266.40	11.0
266.70	7.0
267.40	24.0
268.10	8.0
268.65	22.0
269.00	29.0
269.20	7.0
269.50	8.0
271.30	7.0
271.50	12.0
272.20	22.0
273.50	7.0
274.80	19.0
275.50	15.0
277.60	15.0
279.30	7.0
280.05	15.0
280.90	13.0
281.30	10.0
282.05	31.0
282.60	7.0
283.20	11.0
283.40	8.0
284.80	50.0
285.45	20.0
285.90	9.0
286.70	11.0
287.00	7.0
288.00	9.0
288.50	16.0
290.10	9.0
291.70	13.0
292.60	12.0
293.00	10.0
293.75	21.0
295.90	10.0
296.50	16.0
297.30	15.0
297.60	12.0
297.80	7.0

299.80

14.0

Data File : C:\MSDCHEM\1\DATA\AC092901.D

Vial: 1

Acq On : 29 Sep 2005 9:45 am

Operator: RJP

Sample : BFB1UT

Inst : MSD #1

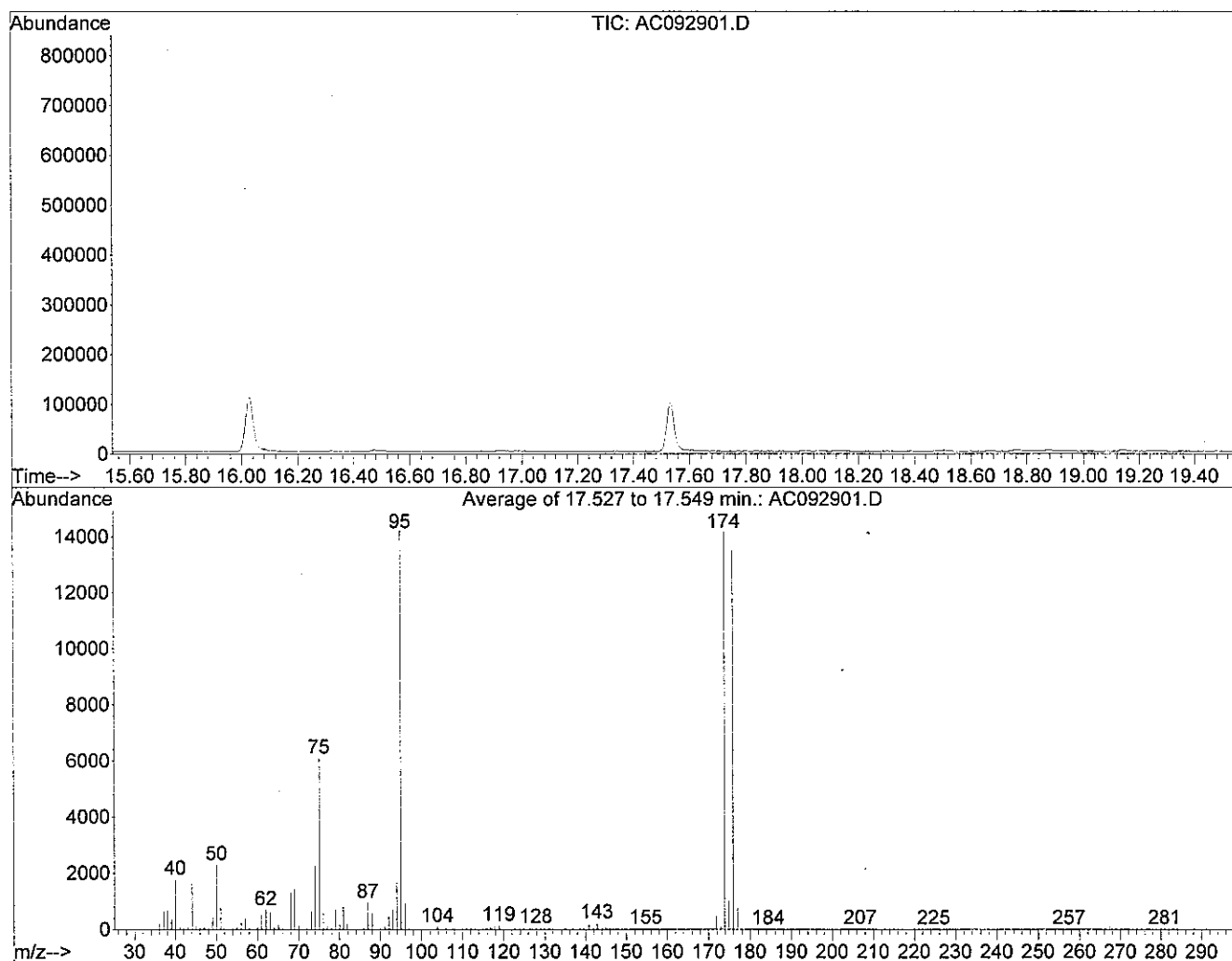
Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Method : C:\MSDCHEM\1\METHODS\A905_1UT.M (RTE Integrator)

Title : TO-15 VOA Standards for 5 point calibration



Spectrum Information: Average of 17.527 to 17.549 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	40	16.2	2309	PASS
75	95	30	66	42.8	6096	PASS
95	95	100	100	100.0	14228	PASS
96	95	5	9	6.7	947	PASS
173	174	0.00	2	0.7	104	PASS
174	95	50	120	99.8	14195	PASS
175	174	4	9	7.0	997	PASS
176	174	95	101	95.2	13511	PASS
177	176	5	9	5.8	788	PASS

Average of 17.527 to 17.549 min.: AC092901.D
BFB1UT

35.10	18.0
36.05	199.0
37.10	657.0
38.05	683.0
39.10	369.0
40.05	1787.0
41.15	78.0
42.05	38.0
43.05	78.0
43.25	24.0
44.05	1676.0
44.90	29.0
45.10	127.0
46.00	43.0
46.60	13.0
46.90	65.0
47.15	120.0
47.40	16.0
48.00	105.0
48.20	13.0
49.05	492.0
50.10	2309.0
51.10	798.0
51.90	43.0
52.15	24.0
52.75	34.0
53.00	9.0
53.30	13.0
54.05	32.0
54.95	76.0
55.15	79.0
55.70	9.0
56.10	287.0
57.05	383.0
57.90	18.0
58.00	10.0
58.15	42.0
59.20	16.0
59.80	42.0
59.90	16.0
60.05	102.0
60.30	23.0
61.05	538.0
62.10	709.0
63.05	624.0
63.95	98.0
64.20	36.0
65.00	157.0
65.15	100.0
66.15	32.0
67.00	12.0
67.30	23.0
68.05	1339.0
69.00	1433.0
70.00	165.0
71.10	13.0
71.95	55.0
72.20	10.0

73.10	662.0
74.05	2265.0
75.10	6096.0
76.10	580.0
76.95	138.0
77.35	22.0
77.95	73.0
78.15	51.0
78.95	724.0
79.80	25.0
80.05	229.0
80.90	820.0
81.85	224.0
82.90	16.0
84.20	17.0
85.20	12.0
85.95	34.0
86.95	959.0
88.00	600.0
89.30	9.0
89.60	9.0
90.10	13.0
90.70	14.0
91.05	96.0
92.00	462.0
92.20	43.0
93.00	715.0
94.05	1687.0
95.05	14228.0
96.05	947.0
96.90	11.0
97.20	29.0
103.60	11.0
103.90	102.0
104.60	11.0
105.20	14.0
105.90	75.0
107.60	11.0
108.00	20.0
110.00	21.0
110.90	9.0
112.00	28.0
115.10	16.0
115.60	30.0
115.90	55.0
116.20	21.0
116.80	101.0
116.90	26.0
117.05	40.0
117.75	96.0
118.40	9.0
118.90	144.0
119.20	11.0
122.70	13.0
124.80	9.0
126.40	11.0
127.85	67.0
129.00	9.0
129.75	42.0
130.05	33.0
130.80	10.0

131.20	14.0
135.05	37.0
136.90	36.0
138.80	9.0
140.85	173.0
142.00	10.0
142.50	11.0
142.85	223.0
143.05	121.0
144.95	69.0
145.85	30.0
149.80	19.0
153.70	15.0
154.40	12.0
154.85	37.0
156.60	17.0
156.80	12.0
160.90	13.0
170.85	55.0
171.10	18.0
171.90	477.0
172.90	104.0
173.90	14195.0
174.95	997.0
175.90	13511.0
176.95	788.0
177.90	11.0
184.40	13.0
202.60	10.0
206.85	28.0
212.80	13.0
224.80	13.0
225.50	12.0
257.50	11.0
260.70	9.0
280.95	24.0
288.20	12.0

GC/MS VOLATILES-WHOLE AIR

METHOD TO-15

RAW QC DATA

CLIENT: ESC Environmental
 Work Order: C0509018
 Project: 127491.05

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15_0.25TCE

Sample ID	MB1UT-092905	SampType: MBLK	TestCode: TO15_0.25TC	Units: ppbV	Prep Date:	RunNo: 386						
Client ID: ZZZZZ		Batch ID: R386	TestNo: TO-15		Analysis Date: 9/29/2005	SeqNo: 5841						
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane		ND	0.150									
1,1,2,2-Tetrachloroethane		ND	0.150									
1,1,2-Trichloroethane		ND	0.150									
1,1-Dichloroethane		ND	0.150									
1,1-Dichloroethene		ND	0.150									
1,2,4-Trichlorobenzene		ND	0.150									
1,2,4-Trimethylbenzene		ND	0.150									
1,2-Dibromoethane		ND	0.150									
1,2-Dichlorobenzene		ND	0.150									
1,2-Dichloroethane		ND	0.150									
1,2-Dichloropropane		ND	0.150									
1,3,5-Trimethylbenzene		ND	0.150									
1,3-butadiene		ND	0.150									
1,3-Dichlorobenzene		ND	0.150									
1,4-Dichlorobenzene		ND	0.150									
1,4-Dioxane		ND	0.300									
2,2,4-trimethylpentane		ND	0.150									
4-ethyltoluene		ND	0.150									
Acetone		ND	0.300									
Allyl chloride		ND	0.150									
Benzene		ND	0.150									
Benzyl chloride		ND	0.150									
Bromodichloromethane		ND	0.150									
Bromoform		ND	0.150									
Bromomethane		ND	0.150									
Carbon disulfide		ND	0.150									
Carbon tetrachloride		ND	0.150									
Chlorobenzene		ND	0.150									
Chloroethane		ND	0.150									

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

CLIENT: ESC Environmental
 Work Order: C0509018
 Project: 127491.05

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15_0.25TCE

Sample ID	MB1UT-092905	SampType: MBLK	TestCode: TO15_0.25TC	Units: ppbV	Prep Date:	RunNo: 386					
Client ID:	ZZZZZ	Batch ID: R386	TestNo: TO-15		Analysis Date: 9/29/2005	SeqNo: 5841					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloroform	ND	0.150									
Chloromethane	ND	0.150									
cis-1,2-Dichloroethene	ND	0.150									
cis-1,3-Dichloropropene	ND	0.150									
Cyclohexane	ND	0.150									
Dibromochloromethane	ND	0.150									
Ethyl acetate	ND	0.250									
Ethylbenzene	ND	0.150									
Freon 11	ND	0.150									
Freon 113	ND	0.150									
Freon 114	ND	0.150									
Freon 12	ND	0.150									
Heptane	ND	0.150									
Hexachloro-1,3-butadiene	ND	0.150									
Hexane	ND	0.150									
Isopropyl alcohol	ND	0.150									
m-Xylene	ND	0.150									
Methyl Butyl Ketone	ND	0.300									
Methyl Ethyl Ketone	ND	0.300									
Methyl Isobutyl Ketone	ND	0.300									
Methyl tert-butyl ether	ND	0.150									
Methylene chloride	ND	0.150									
o-Xylene	ND	0.150									
p-Xylene	ND	0.150									
Propylene	ND	0.150									
Styrene	ND	0.150									
Tetrachloroethylene	ND	0.150									
Tetrahydrofuran	ND	0.150									
Toluene	0.04000	0.150									
trans-1,2-Dichloroethene	ND	0.150									
trans-1,3-Dichloropropene	ND	0.150									

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

ANALYTICAL QC SUMMARY REPORT

CLIENT: ESC Environmental

Work Order: C0509018

Project: 127491.05

TestCode: TO15_0.25TCE

Sample ID	MB1UT-092905	SampType: MBLK	TestCode: TO15_0.25TC	Units: ppbV	Prep Date:	RunNo: 386						
Client ID:	ZZZZZ	Batch ID: R386	TestNo: TO-15		Analysis Date: 9/29/2005	SeqNo: 5841						
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Trichloroethene	ND	0.0400
Vinyl acetate	ND	0.150
Vinyl Bromide	ND	0.150
Vinyl chloride	ND	0.150

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

Data File : C:\MSDCHEM\1\DATA\AC092905.D

Vial: 5

Acq On : 29 Sep 2005 12:21 pm

Operator: RJP

Sample : MB1UT-092905

Inst : MSD #1

Misc : MB1UT-092905

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Sep 29 12:44:32 2005

Quant Results File: A905_1UT.RES

Quant Method : C:\MSDCHEM\1\METHODS\A905_1UT.M (RTE Integrator)

Title : TO-15 VOA Standards for 5 point calibration

Last Update : Tue Sep 06 13:55:05 2005

Response via : Initial Calibration

DataAcq Meth : A905_1UT

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) Bromochloromethane	9.27	128	20607	1.00	ppb	-0.01
30) 1,4-difluorobenzene	11.58	114	53037	1.00	ppb	0.00
44) Chlorobenzene-d5	16.03	117	53158	1.00	ppb	0.00

System Monitoring Compounds

58) Bromofluorobenzene	17.53	95	21509	0.79	ppb	0.00
Spiked Amount	1.000	Range	70 - 130	Recovery	=	79.00%

Target Compounds

Qvalue

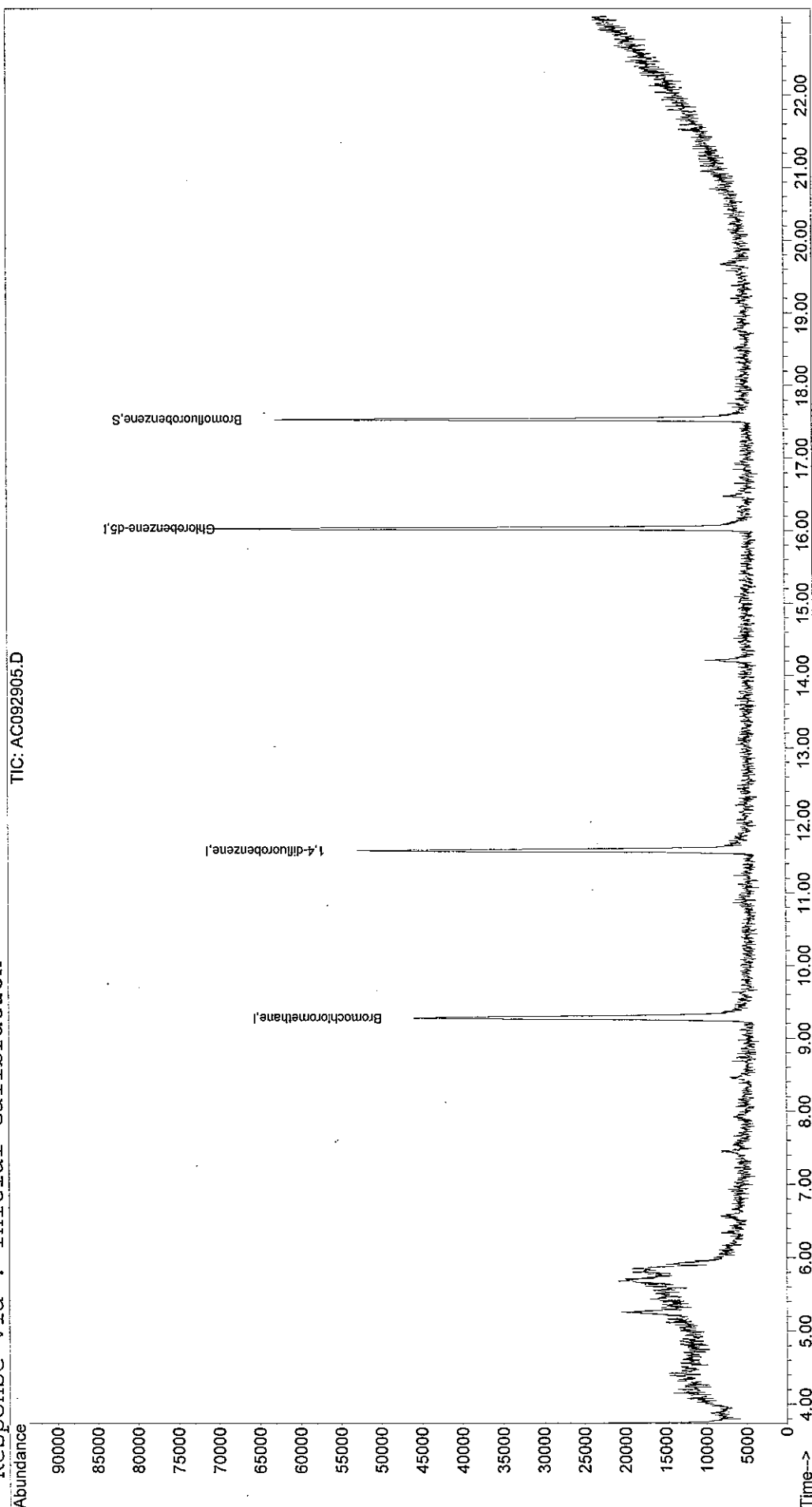
Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\AC092905.D
 Acq On : 29 Sep 2005 12:21 pm
 Sample : MB1UT-092905
 Misc : MB1UT-092905
 MS Integration Params: RTEINT.P
 Quant Time: Oct 9 14:19 2005

Vial: 5
 Operator: RJP
 Inst : MSD #1
 Multiplr: 1.00

Quant Results File: A905_1UT.RES

Method : C:\MSDCHEM\1\METHODS\A905_1UT.M (RTE Integrator)
 Title : TO-15 VOA Standards for 5 point calibration
 Last Update : Sun Oct 09 14:17:28 2005
 Response via : Initial Calibration



CLIENT: ESC Environmental
 Work Order: C0509018
 Project: 127491.05

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15_0.25TCE

Sample ID	BS1UT-092905	SampType: LCS	TestCode: TO15_0.25TC	Units: ppbV	Prep Date:	RunNo: 386					
Client ID:	ZZZZZ	Batch ID: R386	TestNo: TO-15		Analysis Date: 9/29/2005	SeqNo: 5842					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	1.270	0.150	1	0	127	70	130				
1,1,2,2-Tetrachloroethane	1.140	0.150	1	0	114	70	130				
1,1,2-Trichloroethane	1.200	0.150	1	0	120	70	130				
1,1-Dichloroethane	1.090	0.150	1	0	109	70	130				
1,1-Dichloroethene	1.030	0.150	1	0	103	70	130				
1,2,4-Trichlorobenzene	1.190	0.150	1	0	119	70	130				
1,2,4-Trimethylbenzene	1.160	0.150	1	0	116	70	130				
1,2-Dibromoethane	1.140	0.150	1	0	114	70	130				
1,2-Dichlorobenzene	1.290	0.150	1	0	129	70	130				
1,2-Dichloroethane	1.060	0.150	1	0	106	70	130				
1,2-Dichloropropane	1.200	0.150	1	0	120	70	130				
1,3,5-Trimethylbenzene	1.300	0.150	1	0	130	70	130				
1,3-butadiene	1.100	0.150	1	0	110	70	130				
1,3-Dichlorobenzene	1.220	0.150	1	0	122	70	130				
1,4-Dichlorobenzene	1.250	0.150	1	0	125	70	130				
1,4-Dioxane	0.8900	0.300	1	0	89.0	70	130				
2,2,4-trimethylpentane	1.240	0.150	1	0	124	70	130				
4-ethyltoluene	1.260	0.150	1	0	126	70	130				
Acetone	1.180	0.300	1	0	118	70	130				
Allyl chloride	1.230	0.150	1	0	123	70	130				
Benzene	1.120	0.150	1	0	112	70	130				
Benzyl chloride	1.290	0.150	1	0	129	70	130				S
Bromodichloromethane	1.330	0.150	1	0	133	70	130				S
Bromoform	1.370	0.150	1	0	137	70	130				
Bromomethane	1.040	0.150	1	0	104	70	130				
Carbon disulfide	1.060	0.150	1	0	106	70	130				
Carbon tetrachloride	1.210	0.150	1	0	121	70	130				
Chlorobenzene	1.060	0.150	1	0	106	70	130				
Chloroethane	0.9200	0.150	1	0	92.0	70	130				

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

CLIENT: ESC Environmental
 Work Order: C0509018
 Project: 127491.05

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15_0.25TCE

Sample ID	BS1UT-092905	SampType: LCS	TestCode: TO15_0.25TC	Units: ppbV	Prep Date:	RunNo: 386					
Client ID: ZZZZZ		Batch ID: R386	TestNo: TO-15		Analysis Date: 9/29/2005	SeqNo: 5842					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloroform	1.100	0.150	1	0	110	70	130				
Chloromethane	0.9000	0.150	1	0	90.0	70	130				
cis-1,2-Dichloroethene	1.010	0.150	1	0	101	70	130				
cis-1,3-Dichloropropene	1.270	0.150	1	0	127	70	130				
Cyclohexane	1.310	0.150	1	0	131	70	130				S
Dibromochloromethane	1.200	0.150	1	0	120	70	130				
Ethyl acetate	0.9100	0.250	1	0	91.0	70	130				
Ethylbenzene	0.9800	0.150	1	0	98.0	70	130				
Freon 11	1.190	0.150	1	0	119	70	130				
Freon 113	1.100	0.150	1	0	110	70	130				
Freon 114	1.110	0.150	1	0	111	70	130				
Freon 12	1.100	0.150	1	0	110	70	130				
Heptane	1.230	0.150	1	0	123	70	130				
Hexachloro-1,3-butadiene	1.260	0.150	1	0	126	70	130				
Hexane	1.300	0.150	1	0	130	70	130				
Isopropyl alcohol	1.250	0.150	1	0	125	70	130				
m-Xylene	0.8500	0.150	1	0	85.0	70	130				
Methyl Butyl Ketone	0.9900	0.300	1	0	99.0	70	130				
Methyl Ethyl Ketone	1.210	0.300	1	0	121	70	130				
Methyl Isobutyl Ketone	0.9900	0.300	1	0	99.0	70	130				
Methyl tert-butyl ether	0.9500	0.150	1	0	95.0	70	130				
Methylene chloride	1.110	0.150	1	0	111	70	130				
o-Xylene	1.070	0.150	1	0	107	70	130				
p-Xylene	1.220	0.150	1	0	122	70	130				
Propylene	1.230	0.150	1	0	123	70	130				
Styrene	0.9700	0.150	1	0	97.0	70	130				
Tetrachloroethylene	1.140	0.150	1	0	114	70	130				
Tetrahydrofuran	0.9000	0.150	1	0	90.0	70	130				
Toluene	1.180	0.150	1	0.04	114	70	130				
trans-1,2-Dichloroethene	1.170	0.150	1	0	117	70	130				
trans-1,3-Dichloropropene	1.160	0.150	1	0	116	70	130				

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

CLIENT: ESC Environmental
 Work Order: C0509018
 Project: 127491.05

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15_0.25TCE

Sample ID	BS1UT-092905	SampType: LCS	TestCode: TO15_0.25TC	Units: ppbV	Prep Date:	RunNo: 386					
Client ID: ZZZZZ		Batch ID: R386	TestNo: TO-15		Analysis Date: 9/29/2005	SeqNo: 5842					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Trichloroethene	1.270	0.0400	1	0	127	70	130				
Vinyl acetate	0.9600	0.150	1	0	96.0	70	130				
Vinyl Bromide	1.290	0.150	1	0	129	70	130				
Vinyl chloride	0.9000	0.150	1	0	90.0	70	130				

Qualifiers: E Value above quantitation range
 ND Not Detected at the Reporting Limit

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

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

Data File : C:\MSDCHEM\1\DATA\AC092904.D

Vial: 4

Acq On : 29 Sep 2005 11:43 am

Operator: RJP

Sample : BS1UT-092905

Inst : MSD #1

Misc : BS1UT-092905

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Sep 29 12:06:19 2005

Quant Results File: A905_1UT.RES

Quant Method : C:\MSDCHEM\1\METHODS\A905_1UT.M (RTE Integrator)

Title : TO-15 VOA Standards for 5 point calibration

Last Update : Tue Sep 06 13:55:05 2005

Response via : Initial Calibration

DataAcq Meth : A905_1UT

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) Bromochloromethane	9.28	128	24644m	1.00	ppb	0.00
30) 1,4-difluorobenzene	11.58	114	66604	1.00	ppb	0.00
44) Chlorobenzene-d5	16.03	117	68925	1.00	ppb	0.00

System Monitoring Compounds

58) Bromofluorobenzene	17.53	95	38784	1.10	ppb	0.00
Spiked Amount	1.000	Range	70 - 130	Recovery	=	110.00%

Target Compounds

						Qvalue
2) Propylene	3.88	41	19122m	1.23	ppb	
3) Freon 12	3.93	85	88371	1.10	ppb	99
4) Chloromethane	4.11	50	25093	0.90	ppb	97
5) Freon 114	4.11	85	106015	1.11	ppb	76
6) Vinyl Chloride	4.29	62	21875	0.90	ppb	88
7) 1,3-butadiene	4.38	39	18119	1.10	ppb	# 51
8) Bromomethane	4.69	94	34267	1.04	ppb	92
9) Chloroethane	4.87	64	11270m	0.92	ppb	
10) Vinyl Bromide	5.18	106	44279	1.29	ppb	95
11) Freon 11	5.44	101	126530m	1.19	ppb	
12) Acetone	5.80	58	14521m	1.18	ppb	
13) Isopropyl alcohol	5.82	45	35765m	1.25	ppb	
14) 1,1-dichloroethene	6.16	96	27640	1.03	ppb	# 56
15) Freon 113	6.36	101	81008	1.10	ppb	# 83
16) Methylene chloride	6.60	84	30613	1.11	ppb	# 67
17) Allyl chloride	6.59	41	28470	1.23	ppb	# 61
18) Carbon disulfide	6.75	76	112258	1.06	ppb	88
19) trans-1,2-dichloroethene	7.52	61	36580	1.17	ppb	# 69
20) methyl tert-butyl ether	7.59	73	42587m	0.95	ppb	
21) 1,1-dichloroethane	7.92	63	51678	1.09	ppb	91
22) Vinyl acetate	8.02	43	29890m	0.96	ppb	
23) Methyl Ethyl Ketone	8.88	43	28871m	1.21	ppb	
24) cis-1,2-dichloroethene	8.84	61	28211	1.01	ppb	# 61
25) Hexane	8.46	41	32291	1.30	ppb	87
26) Ethyl acetate	9.28	43	27218m	0.91	ppb	
27) Chloroform	9.43	83	69702	1.10	ppb	98
28) Tetrahydrofuran	10.02	42	17402m	0.90	ppb	
29) 1,2-dichloroethane	10.54	62	33807	1.06	ppb	96
31) 1,1,1-trichloroethane	10.25	97	60919m	1.27	ppb	
32) Cyclohexane	10.96	56	29999m	1.31	ppb	
33) Carbon tetrachloride	10.89	117	69166m	1.21	ppb	
34) Benzene	10.87	78	67442m	1.12	ppb	
35) 1,4-dioxane	12.94	88	5330m	0.89	ppb	

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

AC092904.D A905_1UT.M

Sun Oct 09 14:20:17 2005

MSA

Page 1

Data File : C:\MSDCHEM\1\DATA\AC092904.D

Vial: 4

Acq On : 29 Sep 2005 11:43 am

Operator: RJP

Sample : BS1UT-092905

Inst : MSD #1

Misc : BS1UT-092905

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Sep 29 12:06:19 2005

Quant Results File: A905_1UT.RES

Quant Method : C:\MSDCHEM\1\METHODS\A905_1UT.M (RTE Integrator)

Title : TO-15 VOA Standards for 5 point calibration

Last Update : Tue Sep 06 13:55:05 2005

Response via : Initial Calibration

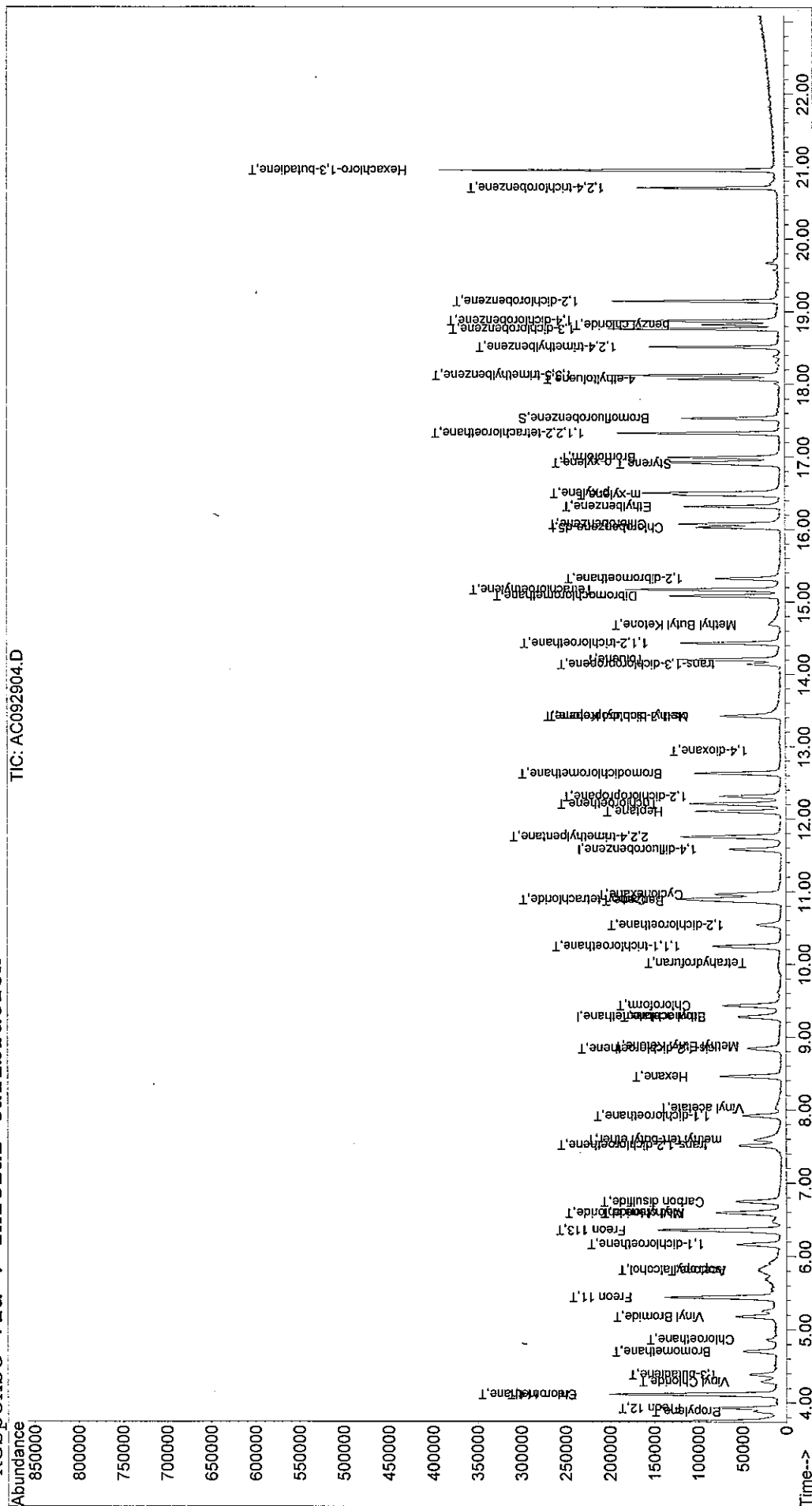
DataAcq Meth : A905_1UT

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
36) 2,2,4-trimethylpentane	11.75	57	93233m	1.24	ppb	
37) Heptane	12.10	43	32263m	1.23	ppb	
38) Trichloroethene	12.21	130	45919	1.27	ppb	# 89
39) 1,2-dichloropropane	12.31	63	26075m	1.20	ppb	
40) Bromodichloromethane	12.63	83	61275m	1.33	ppb	
41) cis-1,3-dichloropropene	13.42	75	34606	1.27	ppb	96
42) trans-1,3-dichloropropene	14.14	75	26360	1.16	ppb	99
43) 1,1,2-trichloroethane	14.43	97	38105m	1.20	ppb	
45) Toluene	14.20	92	55740	1.18	ppb	95
46) Methyl Isobutyl Ketone	13.42	43	37553m	0.99	ppb	
47) Dibromochloromethane	15.08	129	71717m	1.20	ppb	
48) Methyl Butyl Ketone	14.69	43	32493m	0.99	ppb	
49) 1,2-dibromoethane	15.32	107	59399	1.14	ppb	99
50) Tetrachloroethylene	15.17	164	43445	1.14	ppb	100
51) Chlorobenzene	16.07	112	77280	1.06	ppb	88
52) Ethylbenzene	16.31	91	83676	0.98	ppb	96
53) m-xylene	16.48	91	59339	0.85	ppb	87
54) p-xylene	16.50	91	96082	1.22	ppb	85
55) Styrene	16.90	104	45581	0.97	ppb	79
56) Bromoform	16.99	173	58704m	1.37	ppb	
57) o-xylene	16.92	91	90112	1.07	ppb	86
59) 1,1,2,2-tetrachloroethane	17.33	83	93410	1.14	ppb	99
60) 4-ethyltoluene	18.07	105	72530	1.26	ppb	94
61) 1,3,5-trimethylbenzene	18.12	105	102949	1.30	ppb	84
62) 1,2,4-trimethylbenzene	18.51	105	77988	1.16	ppb	87
63) 1,3-dichlorobenzene	18.76	146	88290	1.22	ppb	95
64) benzyl chloride	18.82	91	52032m	1.29	ppb	
65) 1,4-dichlorobenzene	18.87	146	88544	1.25	ppb	97
66) 1,2-dichlorobenzene	19.15	146	83456	1.29	ppb	96
67) 1,2,4-trichlorobenzene	20.70	180	48705	1.19	ppb	99
68) Hexachloro-1,3-butadiene	20.95	225	45525m	1.26	ppb	

(#) = qualifier out of range (m) = manual integration (+) = signals summed
AC092904.D A905_1UT.M Sun Oct 09 14:20:17 2005 MSA Page 2

Data File : C:\MSDCHEM\1\DATA\AC092904.D
Acq On : 29 Sep 2005 11:43 am Vial: 4
Sample : BS1UT-092905 Operator: RJP
Misc : BS1UT-092905 Inst : MSD #1
MS Integration Params: RTEINT.P Multiplr: 1.00
Quant Time: Sep 29 13:19 2005 Quant Results File: A905_1UT.RES

Method : C:\MSDCHEM\1\METHODS\A905_1UT.M (RTE Integrator)
Title : TO-15 VOA Standards for 5 point calibration
Last Update : Sun Oct 09 14:17:28 2005
Response via : Initial Calibration



CLIENT: ESC Environmental
 Work Order: C0509018
 Project: 127491.05

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15_0.25TCE

Sample ID	C0509018-010A MS	SampType: MS	TestCode: TO15_0.25TC	Units: ppbV	Prep Date:	RunNo: 386					
Client ID:	RD3IAB092205	Batch ID: R386	TestNo: TO-15		Analysis Date: 9/29/2005	SeqNo: 5862					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	1.430	0.150	1	0	143	70	130				S
1,1,2,2-Tetrachloroethane	0.9600	0.150	1	0	96.0	70	130				
1,1,2-Trichloroethane	1.240	0.150	1	0	124	70	130				
1,1-Dichloroethane	1.150	0.150	1	0	115	70	130				
1,1-Dichloroethene	1.060	0.150	1	0	106	70	130				
1,2,4-Trichlorobenzene	1.540	0.150	1	0	154	70	130				S
1,2,4-Trimethylbenzene	2.340	0.150	1	0	234	70	130				S
1,2-Dibromoethane	0.9700	0.150	1	0	97.0	70	130				
1,2-Dichlorobenzene	1.210	0.150	1	0	121	70	130				
1,2-Dichloroethane	1.060	0.150	1	0	106	70	130				
1,2-Dichloropropane	1.260	0.150	1	0	126	70	130				
1,3,5-Trimethylbenzene	1.780	0.150	1	0	178	70	130				S
1,3-butadiene	1.970	0.150	1	0	197	70	130				S
1,3-Dichlorobenzene	1.220	0.150	1	0	122	70	130				
1,4-Dichlorobenzene	1.240	0.150	1	0	124	70	130				
1,4-Dioxane	0.6600	0.300	1	0	66.0	70	130				S
2,2,4-trimethylpentane	1.410	0.150	1	0	141	70	130				S
4-ethyltoluene	1.930	0.150	1	0	193	70	130				S
Acetone	12.75	0.300	1	13.6	-85.0	70	130				S
Allyl chloride	0.9200	0.150	1	0	92.0	70	130				
Benzene	1.540	0.150	1	0	154	70	130				S
Benzyl chloride	1.390	0.150	1	0	139	70	130				S
Bromodichloromethane	1.410	0.150	1	0	141	70	130				S
Bromoform	1.310	0.150	1	0	131	70	130				S
Bromomethane	1.220	0.150	1	0	122	70	130				
Carbon disulfide	1.050	0.150	1	0	105	70	130				
Carbon tetrachloride	1.410	0.150	1	0	141	70	130				S
Chlorobenzene	0.9600	0.150	1	0	96.0	70	130				
Chloroethane	1.330	0.150	1	0	133	70	130				S

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

CLIENT: ESC Environmental
 Work Order: C0509018
 Project: 127491.05

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15_0.25TCE

Sample ID	C0509018-010A MS	SampType: MS	TestCode: TO15_0.25TC	Units: ppbV	Prep Date:	RunNo: 386					
Client ID:	RD3IAB092205	Batch ID: R386	TestNo: TO-15		Analysis Date: 9/29/2005	SeqNo: 5862					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloroform	2.300	0.150	1	0	230	70	130				S
Chloromethane	1.830	0.150	1	0	183	70	130				S
cis-1,2-Dichloroethene	1.100	0.150	1	0	110	70	130				
cis-1,3-Dichloropropene	1.070	0.150	1	0	107	70	130				
Cyclohexane	2.550	0.150	1	0	255	70	130				S
Dibromochloromethane	1.250	0.150	1	0	125	70	130				
Ethyl acetate	1.020	0.250	1	0	102	70	130				
Ethylbenzene	1.280	0.150	1	0	128	70	130				
Freon 11	1.500	0.150	1	0	150	70	130				S
Freon 113	2.140	0.150	1	0	214	70	130				S
Freon 114	1.260	0.150	1	0	126	70	130				
Freon 12	1.980	0.150	1	0	198	70	130				S
Heptane	1.460	0.150	1	0	146	70	130				S
Hexachloro-1,3-butadiene	1.090	0.150	1	0	109	70	130				
Hexane	1.690	0.150	1	0	169	70	130				S
Isopropyl alcohol	1.230	0.150	1	0	123	70	130				
m-Xylene	1.720	0.150	1	0	172	70	130				S
Methyl Butyl Ketone	0.7700	0.300	1	0	77.0	70	130				
Methyl Ethyl Ketone	1.350	0.300	1	0	135	70	130				S
Methyl Isobutyl Ketone	0.9800	0.300	1	0	98.0	70	130				S
Methyl tert-butyl ether	1.070	0.150	1	0	107	70	130				
Methylene chloride	1.410	0.150	1	0	141	70	130				S
o-Xylene	1.500	0.150	1	0	150	70	130				S
p-Xylene	1.410	0.150	1	0	141	70	130				S
Propylene	3.760	0.150	1	0	376	70	130				S
Styrene	1.270	0.150	1	0	127	70	130				
Tetrachloroethylene	1.410	0.150	1	0	141	70	130				S
Tetrahydrofuran	0.7700	0.150	1	0	77.0	70	130				
Toluene	3.130	0.150	1	0	313	70	130				S
trans-1,2-Dichloroethene	1.440	0.150	1	0	144	70	130				S
trans-1,3-Dichloropropene	1.040	0.150	1	0	104	70	130				

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

CLIENT: ESC Environmental
 Work Order: C0509018
 Project: 127491.05

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15_0.25TCE

Sample ID	C0509018-010A MS	SampType: MS	TestCode: TO15_0.25TC	Units: ppbV	Prep Date:	RunNo: 386					
Client ID:	RD3IAB092205	Batch ID: R386	TestNo: TO-15		Analysis Date: 9/29/2005	SeqNo: 5862					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Trichloroethene	1.430	0.0400	1	0	143	70	130				S
Vinyl acetate	1.200	0.150	1	0	120	70	130				
Vinyl Bromide	1.220	0.150	1	0	122	70	130				
Vinyl chloride	1.270	0.150	1	0	127	70	130				

Sample ID	C0509018-010A MS	SampType: MSD	TestCode: TO15_0.25TC	Units: ppbV	Prep Date:	RunNo: 386					
Client ID:	RD3IAB092205	Batch ID: R386	TestNo: TO-15		Analysis Date: 9/29/2005	SeqNo: 5863					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1,1-Trichloroethane	1.420	0.150	1	0	142	70	130	1.43	0.702	0	S
1,1,2,2-Tetrachloroethane	0.9000	0.150	1	0	90.0	70	130	0.96	6.45	0	
1,1,2-Trichloroethane	1.200	0.150	1	0	120	70	130	1.24	3.28	0	
1,1-Dichloroethane	1.140	0.150	1	0	114	70	130	1.15	0.873	0	
1,1-Dichloroethene	1.100	0.150	1	0	110	70	130	1.06	3.70	0	
1,2,4-Trichlorobenzene	1.510	0.150	1	0	151	70	130	1.54	1.97	0	S
1,2,4-Trimethylbenzene	2.240	0.150	1	0	224	70	130	2.34	4.37	0	S
1,2-Dibromoethane	1.000	0.150	1	0	100	70	130	0.97	3.05	0	
1,2-Dichlorobenzene	1.200	0.150	1	0	120	70	130	1.21	0.830	0	
1,2-Dichloroethane	1.090	0.150	1	0	109	70	130	1.06	2.79	0	
1,2-Dichloropropane	1.290	0.150	1	0	129	70	130	1.26	2.35	0	
1,3,5-Trimethylbenzene	1.740	0.150	1	0	174	70	130	1.78	2.27	0	S
1,3-butadiene	0.5700	0.150	1	0	57.0	70	130	1.97	110	0	S
1,3-Dichlorobenzene	1.200	0.150	1	0	120	70	130	1.22	1.65	0	
1,4-Dichlorobenzene	1.200	0.150	1	0	120	70	130	1.24	3.28	0	
1,4-Dioxane	0.8200	0.300	1	0	82.0	70	130	0.66	21.6	0	
2,2,4-trimethylpentane	1.440	0.150	1	0	144	70	130	1.41	2.11	0	S
4-ethyltoluene	1.890	0.150	1	0	189	70	130	1.93	2.09	0	S
Acetone	12.35	0.300	1	13.6	-125	70	130	12.75	3.19	0	S
Allyl chloride	1.250	0.150	1	0	125	70	130	0.92	30.4	0	
Benzene	1.560	0.150	1	0	156	70	130	1.54	1.29	0	S

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

CLIENT: ESC Environmental
 Work Order: C0509018
 Project: 127491.05

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15_0.25TCE

Sample ID	C0509018-010A MS	SampType: MSD	TestCode: TO15_0.25TC	Units: ppbV	Prep Date:	RunNo: 386					
Client ID:	RD3IAB092205	Batch ID: R386	TestNo: TO-15	Analysis Date: 9/29/2005		SeqNo: 5863					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzyl chloride	1.280	0.150	1	0	128	70	130	1.39	8.24	0	
Bromodichloromethane	1.530	0.150	1	0	153	70	130	1.41	8.16	0	S
Bromoform	1.240	0.150	1	0	124	70	130	1.31	5.49	0	
Bromomethane	1.280	0.150	1	0	128	70	130	1.22	4.80	0	
Carbon disulfide	1.060	0.150	1	0	106	70	130	1.05	0.948	0	
Carbon tetrachloride	1.370	0.150	1	0	137	70	130	1.41	2.88	0	S
Chlorobenzene	0.9700	0.150	1	0	97.0	70	130	0.96	1.04	0	
Chloroethane	0.9900	0.150	1	0	99.0	70	130	1.33	29.3	0	
Chloroform	2.230	0.150	1	0	223	70	130	2.3	3.09	0	S
Chloromethane	1.860	0.150	1	0	186	70	130	1.83	1.63	0	S
cis-1,2-Dichloroethene	1.120	0.150	1	0	112	70	130	1.1	1.80	0	
cis-1,3-Dichloropropene	1.140	0.150	1	0	114	70	130	1.07	6.33	0	
Cyclohexane	2.580	0.150	1	0	258	70	130	2.55	1.17	0	S
Dibromochloromethane	1.190	0.150	1	0	119	70	130	1.25	4.92	0	
Ethyl acetate	0.9400	0.250	1	0	94.0	70	130	1.02	8.16	0	
Ethylbenzene	1.260	0.150	1	0	126	70	130	1.28	1.57	0	
Freon 11	1.500	0.150	1	0	150	70	130	1.5	0	0	S
Freon 113	2.070	0.150	1	0	207	70	130	2.14	3.33	0	S
Freon 114	1.280	0.150	1	0	128	70	130	1.26	1.57	0	
Freon 12	2.010	0.150	1	0	201	70	130	1.98	1.50	0	S
Heptane	1.530	0.150	1	0	153	70	130	1.46	4.68	0	S
Hexachloro-1,3-butadiene	1.360	0.150	1	0	136	70	130	1.09	22.0	0	S
Hexane	1.770	0.150	1	0	177	70	130	1.69	4.62	0	S
Isopropyl alcohol	1.180	0.150	1	0	118	70	130	1.23	4.15	0	
m-Xylene	1.700	0.150	1	0	170	70	130	1.72	1.17	0	S
Methyl Butyl Ketone	1.040	0.300	1	0	104	70	130	0.77	29.8	0	
Methyl Ethyl Ketone	1.600	0.300	1	0	160	70	130	1.35	16.9	0	S
Methyl Isobutyl Ketone	1.190	0.300	1	0	119	70	130	0.98	19.4	0	
Methyl tert-butyl ether	1.170	0.150	1	0	117	70	130	1.07	8.93	0	
Methylene chloride	1.370	0.150	1	0	137	70	130	1.41	2.88	0	S
o-Xylene	1.450	0.150	1	0	145	70	130	1.5	3.39	0	S

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

ANALYTICAL QC SUMMARY REPORT

CLIENT: ESC Environmental

Work Order: C0509018

Project: 127491.05

TestCode: TO15_0.25TCE

Sample ID	C0509018-010A MS	SampType: MSD	TestCode: TO15_0.25TC	Units: ppbV	Prep Date:	RunNo: 386					
Client ID:	RD31AB092205	Batch ID: R386	TestNo: TO-15		Analysis Date: 9/29/2005	SeqNo: 5863					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
p-Xylene	1.190	0.150	1	0	119	70	130	1.41	16.9	0	
Propylene	3.730	0.150	1	0	373	70	130	3.76	0.801	0	S
Styrene	1.290	0.150	1	0	129	70	130	1.27	1.56	0	
Tetrachloroethylene	1.410	0.150	1	0	141	70	130	1.41	0	0	S
Tetrahydrofuran	1.080	0.150	1	0	108	70	130	0.77	33.5	0	
Toluene	3.090	0.150	1	0	309	70	130	3.13	1.29	0	S
trans-1,2-Dichloroethene	1.460	0.150	1	0	146	70	130	1.44	1.38	0	S
trans-1,3-Dichloropropene	1.070	0.150	1	0	107	70	130	1.04	2.84	0	
Trichloroethene	1.420	0.0400	1	0	142	70	130	1.43	0.702	0	S
Vinyl acetate	1.150	0.150	1	0	115	70	130	1.2	4.26	0	
Vinyl Bromide	1.160	0.150	1	0	116	70	130	1.22	5.04	0	
Vinyl chloride	1.200	0.150	1	0	120	70	130	1.27	5.67	0	

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

CLIENT: ESC Environmental

Work Order: C0509018

Project: 127491.05

Test No: TO-15

Matrix: A

**QC SUMMARY REPORT
SURROGATE RECOVERIES**

Sample ID BR4FBZ

BS1UT-092905	110							
C0509018-001A	106							
C0509018-002A	106							
C0509018-003A	98.0							
C0509018-004A	123							
C0509018-005A	106							
C0509018-006A	105							
C0509018-007A	112							
C0509018-008A	116							
C0509018-009A	116							
C0509018-010A	113							
C0509018-010A MS	117							
C0509018-010A MSD	114							
C0509018-011A	83.0							
MB1UT-092905	79.0							

Acronym	Surrogate	QC Limits
BR4FBZ	= Bromofluorobenzene	70-130

* Surrogate recovery outside acceptance limits

1

Data File : C:\MSDCHEM\1\DATA\AC092911.D

Vial: 11

Acq On : 29 Sep 2005 5:54 pm

Operator: RJP

Sample : C0509018-010A MS

Inst : MSD #1

Misc : C0509018-010A

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Sep 29 18:17:50 2005

Quant Results File: A905_1UT.RES

Quant Method : C:\MSDCHEM\1\METHODS\A905_1UT.M (RTE Integrator)

Title : TO-15 VOA Standards for 5 point calibration

Last Update : Tue Sep 06 13:55:05 2005

Response via : Initial Calibration

DataAcq Meth : A905_1UT

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	9.28	128	32110m	1.00	ppb	0.00
30) 1,4-difluorobenzene	11.58	114	97246m	1.00	ppb	-0.01
44) Chlorobenzene-d5	16.03	117	110982	1.00	ppb	0.00

System Monitoring Compounds

58) Bromofluorobenzene	17.53	95	66318	1.17	ppb	0.00
Spiked Amount	1.000	Range	70 - 130	Recovery	=	117.00%

Target Compounds

						Qvalue
2) Propylene	3.89	41	76087	3.76	ppb	78
3) Freon 12	3.93	85	206156	1.98	ppb	100
4) Chloromethane	4.11	50	66502m	1.83	ppb	
5) Freon 114	4.11	85	156143	1.26	ppb	93
6) Vinyl Chloride	4.29	62	40022	1.27	ppb	90
7) 1,3-butadiene	4.39	39	42471m	1.97	ppb	
8) Bromomethane	4.70	94	52732	1.22	ppb	# 52
9) Chloroethane	4.86	64	21244	1.33	ppb	94
10) Vinyl Bromide	5.18	106	54816m	1.22	ppb	
11) Freon 11	5.45	101	207245m	1.50	ppb	
12) Acetone	5.78	58	203870m	12.75	ppb	
13) Isopropyl alcohol	5.88	45	45775m	1.23	ppb	
14) 1,1-dichloroethene	6.16	96	37156m	1.06	ppb	
15) Freon 113	6.36	101	204860	2.14	ppb	# 52
16) Methylene chloride	6.60	84	50511	1.41	ppb	# 64
17) Allyl chloride	6.59	41	27717m	0.92	ppb	
18) Carbon disulfide	6.75	76	144309	1.05	ppb	98
19) trans-1,2-dichloroethene	7.52	61	58408	1.44	ppb	# 67
20) methyl tert-butyl ether	7.60	73	62473	1.07	ppb	62
21) 1,1-dichloroethane	7.93	63	70897	1.15	ppb	90
22) Vinyl acetate	8.06	43	48685m	1.20	ppb	
23) Methyl Ethyl Ketone	8.84	43	41921m	1.35	ppb	
24) cis-1,2-dichloroethene	8.85	61	40077	1.10	ppb	# 59
25) Hexane	8.47	41	54783	1.69	ppb	93
26) Ethyl acetate	9.30	43	39827m	1.02	ppb	
27) Chloroform	9.43	83	190054	2.30	ppb	99
28) Tetrahydrofuran	10.02	42	19455m	0.77	ppb	
29) 1,2-dichloroethane	10.55	62	44069	1.06	ppb	98
31) 1,1,1-trichloroethane	10.24	97	99889	1.43	ppb	# 62
32) Cyclohexane	10.96	56	85307	2.55	ppb	80
33) Carbon tetrachloride	10.90	117	117873	1.41	ppb	100
34) Benzene	10.87	78	135630	1.54	ppb	72
35) 1,4-dioxane	13.19	88	5827m	0.66	ppb	

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

AC092911.D A905_1UT.M

Sun Oct 09 14:20:19 2005

MSA

Page 1

Data File : C:\MSDCHEM\1\DATA\AC092911.D

Vial: 11

Acq On : 29 Sep 2005 5:54 pm

Operator: RJP

Sample : C0509018-010A MS

Inst : MSD #1

Misc : C0509018-010A

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Sep 29 18:17:50 2005

Quant Results File: A905_1UT.RES

Quant Method : C:\MSDCHEM\1\METHODS\A905_1UT.M (RTE Integrator)

Title : TO-15 VOA Standards for 5 point calibration

Last Update : Tue Sep 06 13:55:05 2005

Response via : Initial Calibration

DataAcq Meth : A905_1UT

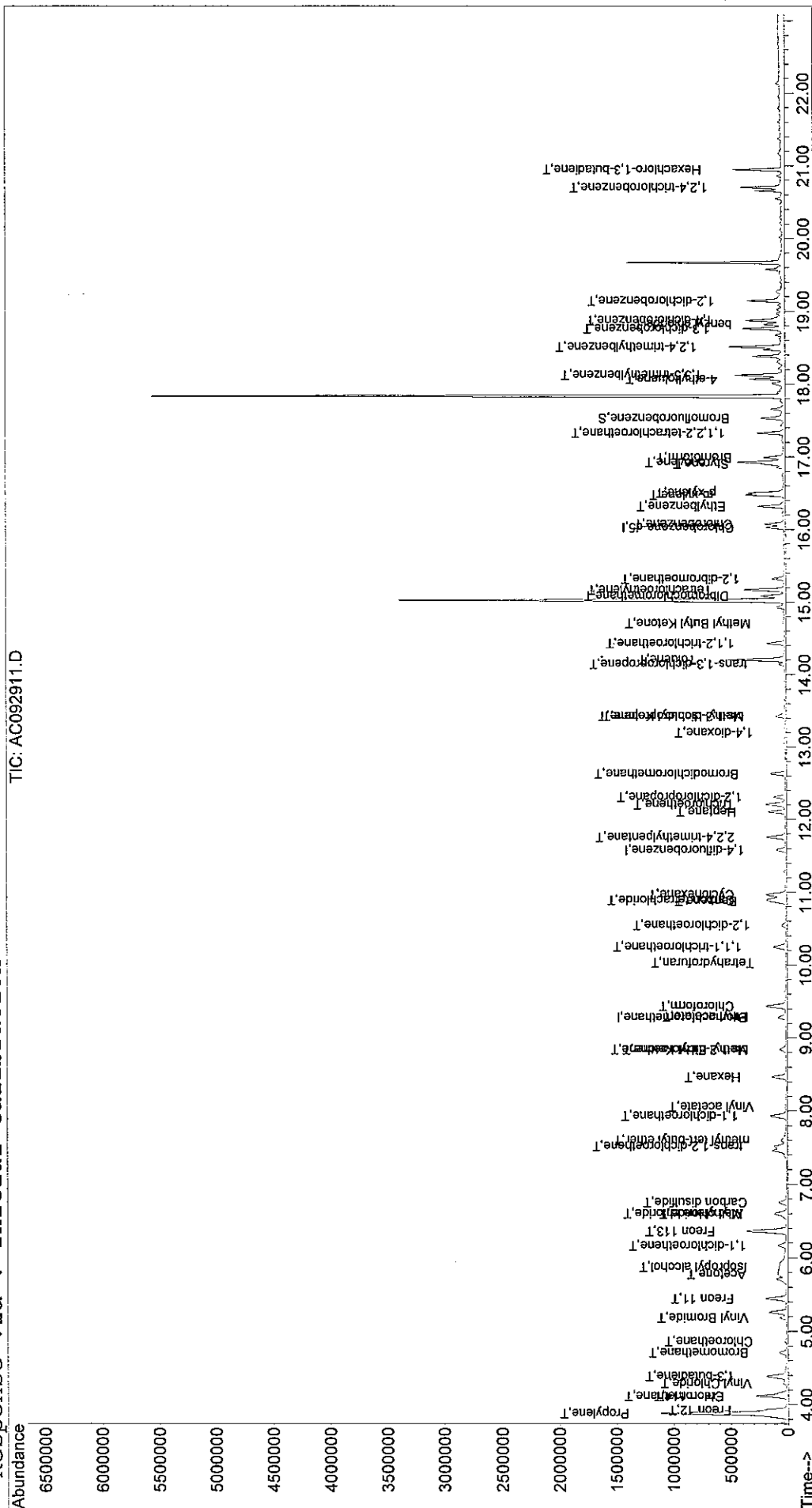
Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
36) 2,2,4-trimethylpentane	11.76	57	154644	1.41	ppb	91
37) Heptane	12.11	43	55879	1.46	ppb	90
38) Trichloroethene	12.21	130	75686	1.43	ppb	# 87
39) 1,2-dichloropropane	12.31	63	39888m	1.26	ppb	
40) Bromodichloromethane	12.63	83	94646m	1.41	ppb	
41) cis-1,3-dichloropropene	13.42	75	42668	1.07	ppb	94
42) trans-1,3-dichloropropene	14.14	75	34515	1.04	ppb	98
43) 1,1,2-trichloroethane	14.43	97	57293	1.24	ppb	100
45) Toluene	14.21	92	237968	3.13	ppb	95
46) Methyl Isobutyl Ketone	13.43	43	60037m	0.98	ppb	
47) Dibromochloromethane	15.08	129	120516	1.25	ppb	97
48) Methyl Butyl Ketone	14.70	43	40551m	0.77	ppb	
49) 1,2-dibromoethane	15.32	107	81168	0.97	ppb	98
50) Tetrachloroethylene	15.17	164	86409	1.41	ppb	100
51) Chlorobenzene	16.07	112	112429	0.96	ppb	85
52) Ethylbenzene	16.32	91	176578	1.28	ppb	94
53) m-xylene	16.47	91	193785	1.72	ppb	90
54) p-xylene	16.50	91	178616m	1.41	ppb	
55) Styrene	16.90	104	95888	1.27	ppb	82
56) Bromoform	16.99	173	90535	1.31	ppb	96
57) o-xylene	16.92	91	203857	1.50	ppb	88
59) 1,1,2,2-tetrachloroethane	17.32	83	126778	0.96	ppb	97
60) 4-ethyltoluene	18.07	105	179420	1.93	ppb	93
61) 1,3,5-trimethylbenzene	18.12	105	227216	1.78	ppb	97
62) 1,2,4-trimethylbenzene	18.51	105	254522	2.34	ppb	87
63) 1,3-dichlorobenzene	18.76	146	142719	1.22	ppb	97
64) benzyl chloride	18.82	91	90080m	1.39	ppb	
65) 1,4-dichlorobenzene	18.87	146	140589	1.24	ppb	97
66) 1,2-dichlorobenzene	19.14	146	126865	1.21	ppb	97
67) 1,2,4-trichlorobenzene	20.70	180	101631	1.54	ppb	97
68) Hexachloro-1,3-butadiene	20.95	225	63636	1.09	ppb	90

(#) = qualifier out of range (m) = manual integration (+) = signals summed
AC092911.D A905_1UT.M Sun Oct 09 14:20:19 2005 MSA Page 2

Data File : C:\MSDCHEM\1\DATA\AC092911.D
Acq On : 29 Sep 2005 5:54 pm
Sample : C0509018-010A MS
Misc : C0509018-010A
MS Integration Params: RTEINT.P
Quant Time: Sep 30 8:07 2005
Quant Results File: A905_1UT.RES

Vial: 11
Operator: RJP
Inst : MSD #1
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\A905_1UT.M (RTE Integrator)
Title : TO-15 VOA Standards for 5 point calibration
Last Update : Sun Oct 09 14:17:28 2005
Response via : Initial Calibration



Data File : C:\MSDCHEM\1\DATA\AC092912.D

Vial: 12

Acq On : 29 Sep 2005 6:32 pm

Operator: RJP

Sample : C0509018-010A MSD

Inst : MSD #1

Misc : C0509018-010A

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Sep 29 18:56:00 2005

Quant Results File: A905_1UT.RES

Quant Method : C:\MSDCHEM\1\METHODS\A905_1UT.M (RTE Integrator)

Title : TO-15 VOA Standards for 5 point calibration

Last Update : Tue Sep 06 13:55:05 2005

Response via : Initial Calibration

DataAcq Meth : A905_1UT

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	9.28	128	35535m	1.00	ppb	0.00
30) 1,4-difluorobenzene	11.58	114	107721m	1.00	ppb	0.00
44) Chlorobenzene-d5	16.03	117	121129	1.00	ppb	0.00

System Monitoring Compounds

58) Bromofluorobenzene	17.53	95	70350	1.14	ppb	0.00
Spiked Amount	1.000	Range	70 - 130	Recovery	=	114.00%

Target Compounds

						Qvalue
2) Propylene	3.88	41	83469	3.73	ppb	78
3) Freon 12	3.93	85	232607	2.01	ppb	99
4) Chloromethane	4.11	50	74805m	1.86	ppb	
5) Freon 114	4.12	85	175542	1.28	ppb	90
6) Vinyl Chloride	4.29	62	42004m	1.20	ppb	
7) 1,3-butadiene	4.37	39	13616m	0.57	ppb	
8) Bromomethane	4.71	94	60828m	1.28	ppb	
9) Chloroethane	4.86	64	17394m	0.99	ppb	
10) Vinyl Bromide	5.19	106	57227m	1.16	ppb	
11) Freon 11	5.45	101	229466	1.50	ppb	98
12) Acetone	5.78	58	218546m	12.35	ppb	
13) Isopropyl alcohol	5.88	45	48703m	1.18	ppb	
14) 1,1-dichloroethene	6.16	96	42525	1.10	ppb	# 53
15) Freon 113	6.36	101	219359	2.07	ppb	# 82
16) Methylene chloride	6.60	84	54367	1.37	ppb	# 66
17) Allyl chloride	6.60	41	41750m	1.25	ppb	
18) Carbon disulfide	6.75	76	161321	1.06	ppb	82
19) trans-1,2-dichloroethene	7.51	61	65572	1.46	ppb	79
20) methyl tert-butyl ether	7.61	73	75557m	1.17	ppb	
21) 1,1-dichloroethane	7.93	63	77794	1.14	ppb	91
22) Vinyl acetate	8.06	43	51565m	1.15	ppb	
23) Methyl Ethyl Ketone	8.82	43	54746m	1.60	ppb	
24) cis-1,2-dichloroethene	8.84	61	45111	1.12	ppb	# 55
25) Hexane	8.47	41	63246	1.77	ppb	93
26) Ethyl acetate	9.32	43	40559m	0.94	ppb	
27) Chloroform	9.43	83	204050	2.23	ppb	99
28) Tetrahydrofuran	10.01	42	30143m	1.08	ppb	
29) 1,2-dichloroethane	10.54	62	49870	1.09	ppb	73
31) 1,1,1-trichloroethane	10.25	97	109822	1.42	ppb	98
32) Cyclohexane	10.97	56	95439	2.58	ppb	# 77
33) Carbon tetrachloride	10.90	117	126841	1.37	ppb	100
34) Benzene	10.87	78	152168	1.56	ppb	89
35) 1,4-dioxane	13.21	88	7966m	0.82	ppb	

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

AC092912.D A905_1UT.M

Sun Oct 09 14:20:21 2005

MSA

Page 1

Data File : C:\MSDCHEM\1\DATA\AC092912.D

Vial: 12

Acq On : 29 Sep 2005 6:32 pm

Operator: RJP

Sample : C0509018-010A MSD

Inst : MSD #1

Misc : C0509018-010A

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Sep 29 18:56:00 2005

Quant Results File: A905_1UT.RES

Quant Method : C:\MSDCHEM\1\METHODS\A905_1UT.M (RTE Integrator)

Title : TO-15 VOA Standards for 5 point calibration

Last Update : Tue Sep 06 13:55:05 2005

Response via : Initial Calibration

DataAcq Meth : A905_1UT

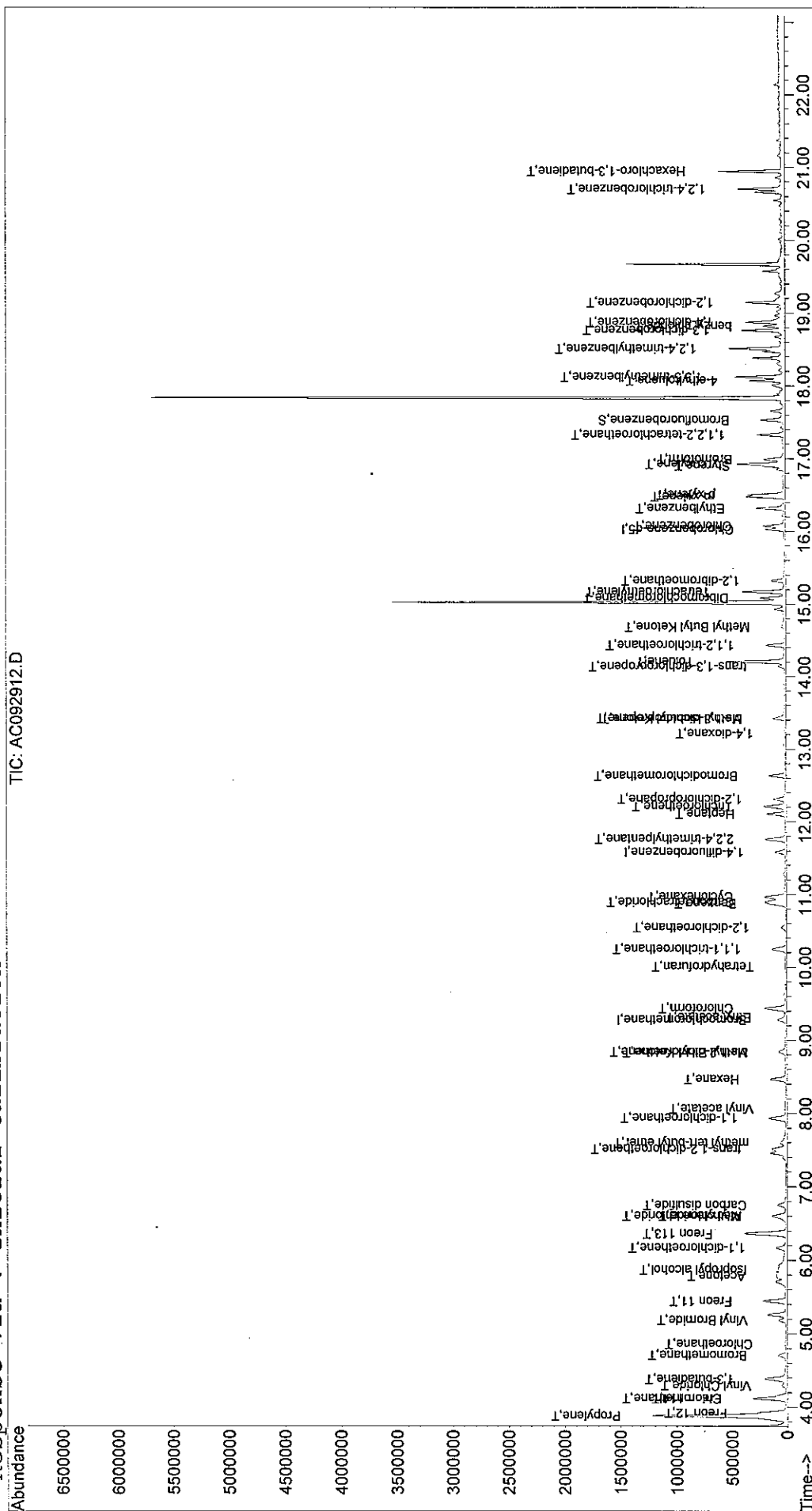
Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
36) 2,2,4-trimethylpentane	11.76	57	174480	1.44	ppb	92
37) Heptane	12.11	43	65140	1.53	ppb	88
38) Trichloroethene	12.21	130	82767	1.42	ppb	# 89
39) 1,2-dichloropropane	12.31	63	45068	1.29	ppb	89
40) Bromodichloromethane	12.63	83	113902	1.53	ppb	98
41) cis-1,3-dichloropropene	13.42	75	50201	1.14	ppb	95
42) trans-1,3-dichloropropene	14.14	75	39354	1.07	ppb	97
43) 1,1,2-trichloroethane	14.43	97	61455	1.20	ppb	99
45) Toluene	14.20	92	256072	3.09	ppb	95
46) Methyl Isobutyl Ketone	13.41	43	79768m	1.19	ppb	
47) Dibromochloromethane	15.08	129	125050	1.19	ppb	100
48) Methyl Butyl Ketone	14.68	43	60151m	1.04	ppb	
49) 1,2-dibromoethane	15.32	107	91093	1.00	ppb	99
50) Tetrachloroethylene	15.17	164	94087	1.41	ppb	99
51) Chlorobenzene	16.07	112	124340	0.97	ppb	88
52) Ethylbenzene	16.32	91	190333	1.26	ppb	93
53) m-xylene	16.47	91	207940	1.70	ppb	97
54) p-xylene	16.50	91	163812	1.19	ppb	83
55) Styrene	16.89	104	106281	1.29	ppb	# 59
56) Bromoform	16.99	173	93849	1.24	ppb	96
57) o-xylene	16.93	91	215894	1.45	ppb	87
59) 1,1,2,2-tetrachloroethane	17.32	83	128962	0.90	ppb	98
60) 4-ethyltoluene	18.07	105	191854	1.89	ppb	93
61) 1,3,5-trimethylbenzene	18.12	105	241777	1.74	ppb	98
62) 1,2,4-trimethylbenzene	18.51	105	265693	2.24	ppb	87
63) 1,3-dichlorobenzene	18.76	146	152359	1.20	ppb	98
64) benzyl chloride	18.82	91	90784m	1.28	ppb	
65) 1,4-dichlorobenzene	18.87	146	149168	1.20	ppb	98
66) 1,2-dichlorobenzene	19.14	146	136468	1.20	ppb	97
67) 1,2,4-trichlorobenzene	20.70	180	109084	1.51	ppb	100
68) Hexachloro-1,3-butadiene	20.95	225	86508m	1.36	ppb	

(#) = qualifier out of range (m) = manual integration (+) = signals summed
AC092912.D A905_1UT.M Sun Oct 09 14:20:21 2005 MSA Page 2

Data File : C:\MSDCHEM\1\DATA\AC092912.D
Acq On : 29 Sep 2005 6:32 pm
Sample : C0509018-010A MSD
Misc : C0509018-010A
MS Integration Params: RTEINT.P
Quant Time: Sep 30 8:07 2005
Quant Results File: A905_1UT.RES

Vial: 12
Operator: RJP
Inst : MSD #1
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\A905_1UT.M (RTE Integrator)
Title : TO-15 VOA Standards for 5 point calibration
Last Update : Sun Oct 09 14:17:28 2005
Response via : Initial Calibration



GC/MS VOLATILES-WHOLE AIR

METHOD TO-15

INJECTION LOG

Centek Laboratories, LLC

Instrument: HP5973 MSD
GC Column: J&W DB-5MS, 1.5u, 60M

Injection Logbook A-MSD

Internal Standard Stock #: A7451
Standard Stock #(s) 432
LCS Stock #(s)
Method Reference: Toxic Organic Compounds in Ambient Air Jan-99

Detection Limit	Login Number	Data File Name	Dil. Factor	Inj. Vol cc	MethodQ File	Group Number	Inj. Date	Inj. Time	Comments	CD BackUp#
	BFBUT	AC050501	-	-	A905-107		9/6/05	0826		
	AUT-1.0	03	-	200						
	2.0	04	-							
	0.50	05	-							
	1.50	06	-							
	0.25	07	-							
	0.30	08	-							
	0.15	09	-							
	0.10	10	-							
	0.04	12	-							
	0.04	13	-	200						
	0.04	14	-							
	0.04	15	-							
	0.04	16	-							
	0.04	17	-							
	0.04	18	-							
	0.04	19	-							
	0.04	20	-							
	0.04	21	-							
	0.04	22	-							
	0.04	23	-							
	0.04	24	-							
	0.04	25	-							
	0.04	26	-							
	0.04	27	-							
	0.04	28	-							
	0.04	29	-							
	0.04	30	-							
	0.04	31	-							
	0.04	32	-							
	0.04	33	-							
	0.04	34	-							
	0.04	35	-							
	0.04	36	-							
	0.04	37	-							
	0.04	38	-							
	0.04	39	-							
	0.04	40	-							
	0.04	41	-							
	0.04	42	-							
	0.04	43	-							
	0.04	44	-							
	0.04	45	-							
	0.04	46	-							
	0.04	47	-							
	0.04	48	-							
	0.04	49	-							
	0.04	50	-							
	0.04	51	-							
	0.04	52	-							
	0.04	53	-							
	0.04	54	-							
	0.04	55	-							
	0.04	56	-							
	0.04	57	-							
	0.04	58	-							
	0.04	59	-							
	0.04	60	-							
	0.04	61	-							
	0.04	62	-							
	0.04	63	-							
	0.04	64	-							
	0.04	65	-							
	0.04	66	-							
	0.04	67	-							
	0.04	68	-							
	0.04	69	-							
	0.04	70	-							
	0.04	71	-							
	0.04	72	-							
	0.04	73	-							
	0.04	74	-							
	0.04	75	-							
	0.04	76	-							
	0.04	77	-							
	0.04	78	-							
	0.04	79	-							
	0.04	80	-							
	0.04	81	-							
	0.04	82	-							
	0.04	83	-							
	0.04	84	-							
	0.04	85	-							
	0.04	86	-							
	0.04	87	-							
	0.04	88	-							
	0.04	89	-							
	0.04	90	-							
	0.04	91	-							
	0.04	92	-							
	0.04	93	-							
	0.04	94	-							
	0.04	95	-							
	0.04	96	-							
	0.04	97	-							
	0.04	98	-							
	0.04	99	-							
	0.04	100	-							

Page No: 249

Analyzed by: AP

Centek Laboratories, LLC

Instrument: HP5973 MSD
GC Column: J&W DB-5MS, 1.5u, 60M

Injection Logbook A-MSD

Internal Standard Stock #: A7471

Standard Stock #(s) 422, 99 A7472

LCS Stock #(s) _____

Method Reference: Toxic Organic Compounds in Ambient Air Jan-99

Detection Limit	Login Number	Data File Name	Dil. Factor	Inj. Vol cc	MethodQ File	Group Number	Inj. Date	Inj. Time	Comments	CD BackUp#
✓	BFBJUT	AS012501	-	-	A505.147		5/25/05	0545		
	AJUT-1.0	03	-	200						
	BSJUT-052505	04	-							
	MBJUT	05	-							
	WAC052505A	06	-							
	A	07	-							
	C	08	-							
	CO505018-011	09	-							
	010	10	-							
	1 MS	11	-							
	1 MS	12	-							
	001	13	-							
	CO505018-002	14	-							
	007	15	-							
	008	16	-							
	005	17	-				7/30/05	0010		
	003	18	-							
	004	19	-							
	005	20	-							
	006	21	-							
	007.04	22	5	40						
	008	23	1							
	009	24	1							
	003	25	10	20						
	004	26	1							
	005	27	1							
	006	28	1							
✓	010	29	1					0507		

Analyzed by: h/p/

Page No: 266

GC/MS VOLATILES-WHOLE AIR

METHOD TO-15

STANDARDS LOG

Std #	Date Prep	Date exp	Description	Stock #	Stock conc	Initial vol	final vol	Final conc/ppbV	Prep by	Chk'd by
AT 421	7/15/05	7/15/06	TO15 IS + B2B	AB18568	1.0 ppm	1000 µsiv	SPECTRA GAS	1.0 ppm	mp	
422			TO15 SUB-SET STD	AB18472						
423			TO14 STD	AB18631						
AT 424	7/15/05	7/22/05	TO15 IS	AT421	1.0 ppm	1.5 µsiv	30 µsiv	50 ppm	mp	
425			TO15 STD	AT422/423						
426			TO15 INT IS	AT424	50 ppm	0.5 µsiv	45 µsiv	1.0 ppm		
427			TO15 INT STD	AT425						
AT 428	7/28/05	8/5/05	TO15 IS	AT421	1.0 ppm	1.5 µsiv	30 µsiv	50 ppm	mp	
429			+ STD	422/423						
430	8/11/05	8/15/05	TO15 INT IS	AT429	50 ppm	0.5 µsiv	45 µsiv	1.0 ppm	mp	
431			+ STD	429						
AT 432	8/11/05	8/15/05	TO15 IS	AT421	1.0 ppm	1.5 µsiv	30 µsiv	50 ppm	mp	
433			+ STD	422/423						
434			TO15 INT IS	AT432	50.0 ppm	0.5 µsiv	45 µsiv	1.0 ppm		
435			+ STD	433						
AT 436	8/17/05	8/24/05	TO15 IS	AT421	1.0 ppm	1.5 µsiv	30 µsiv	50 ppm	mp	
437			+ STD	422/423						
438			TO15 INT IS	AT436	50 ppm	0.5 µsiv	45 µsiv	1.0 ppm		

GC/MS Calibration Standards Logbook

Centek Laboratories, LLC

Std #	Date Prep	Date exp	Description	Stock #	Stock conc	Initial vol	Final vol	Final Conc/ppbv	Prep by	Chk'd by
AT457	9/12/05	9/19/05	TO15 JS	AT421	1 ppm	1.5 psic	30 psic	50 ppm	MP	
458			↓ STD	422/423	↓	↓	↓	↓	↓	
459			TO15106 JS	AT457	50 ppm	0.5 psic	45 psic	1.0 ppm	↓	
460			↓ STD	458	↓	↓	↓	↓	↓	
AT461	9/15/05	9/15/05	TO15106 JS	AT457	50 ppm	0.5 psic	45 psic	1.0 ppm	MP	
AT462	9/20/05	9/23/05	TO15 JS	AT421	1 ppm	1.5 psic	30 psic	50 ppm	MP	
463			↓ STD	422/423	↓	↓	↓	↓	↓	
464			TO15106 JS	AT462	50 ppm	0.5 psic	45 psic	1.0 ppm	↓	
465			↓ STD	463	↓	↓	↓	↓	↓	
AT466	9/23/05	9/27/05	TO15106 JS	AT462	50 ppm	0.5 psic	45 psic	1.0 ppm	MP	
AT467	9/27/05	10/1/05	TO15 JS	AT421	1 ppm	1.5 psic	30 psic	50 ppm	MP	
468			↓ STD + AC2 TGA	422/423 435	↓	↓	↓	↓	↓	
AT469	9/29/05	10/5/05	TO15106 JS	AT421	50 ppm	1.5 psic	30 psic	50 ppm	MP	
470			↓ STD	422/423	↓	↓	↓	↓	↓	
471			TO15106 JS	AT469	50 ppm	0.5 psic	45 psic	1.0 ppm	↓	
472			↓ STD	470	↓	↓	↓	↓	↓	
AT473	10/4/05	10/6/05	TO15106 JS	AT465	50 ppm	0.5 psic	45 psic	1.0 ppm	MP	
474	10/5/05	10/6/05	↓	↓	↓	↓	↓	↓	↓	

GC/MS VOLATILES-WHOLE AIR

METHOD TO-15

CANISTER CLEANING LOG

QC Canister Cleaning & Maintenance Logbook

Centek Laboratories, LLC
Instrument: Entech 3100

Canister Number	QC Can Number	Number of Cycles	Date	QC Batch Number	Maintenance
236	243	20	9/6/05	WAC050605 A	
85					
154					
73					
243					
133	225			B	
107					
156					
137					
225				C	
201	90				
202					
242					
207					
40					
125	189			D	
93					
164					
153					
185					
163	134			E	
237					
248					
155					

Cleaned by: 172

Page # 172

Centek Laboratories, LLC

Instrument: Entech 3100

[illegible]

Cleaned by: apc

Page # 173

Data File : C:\MSDCHEM\1\DATA\AC090619.D

Vial: 5

Acq On : 6 Sep 2005 8:37 pm

Operator: RJP

Sample : WAC090605E

Inst : MSD #1

Misc : 1UG + .25 TCE

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Oct 07 09:00:31 2005

Quant Results File: A905_1UT.RES

Quant Method : C:\MSDCHEM\1\METHODS\A905_1UT.M (RTE Integrator)

Title : TO-15 VOA Standards for 5 point calibration

Last Update : Wed Oct 05 09:11:33 2005

Response via : Initial Calibration

DataAcq Meth : A905_1UT

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) Bromochloromethane	9.27	128	35139m	1.00	ppb	0.00
30) 1,4-difluorobenzene	11.57	114	95361	1.00	ppb	0.00
44) Chlorobenzene-d5	16.02	117	84017	1.00	ppb	0.00

System Monitoring Compounds

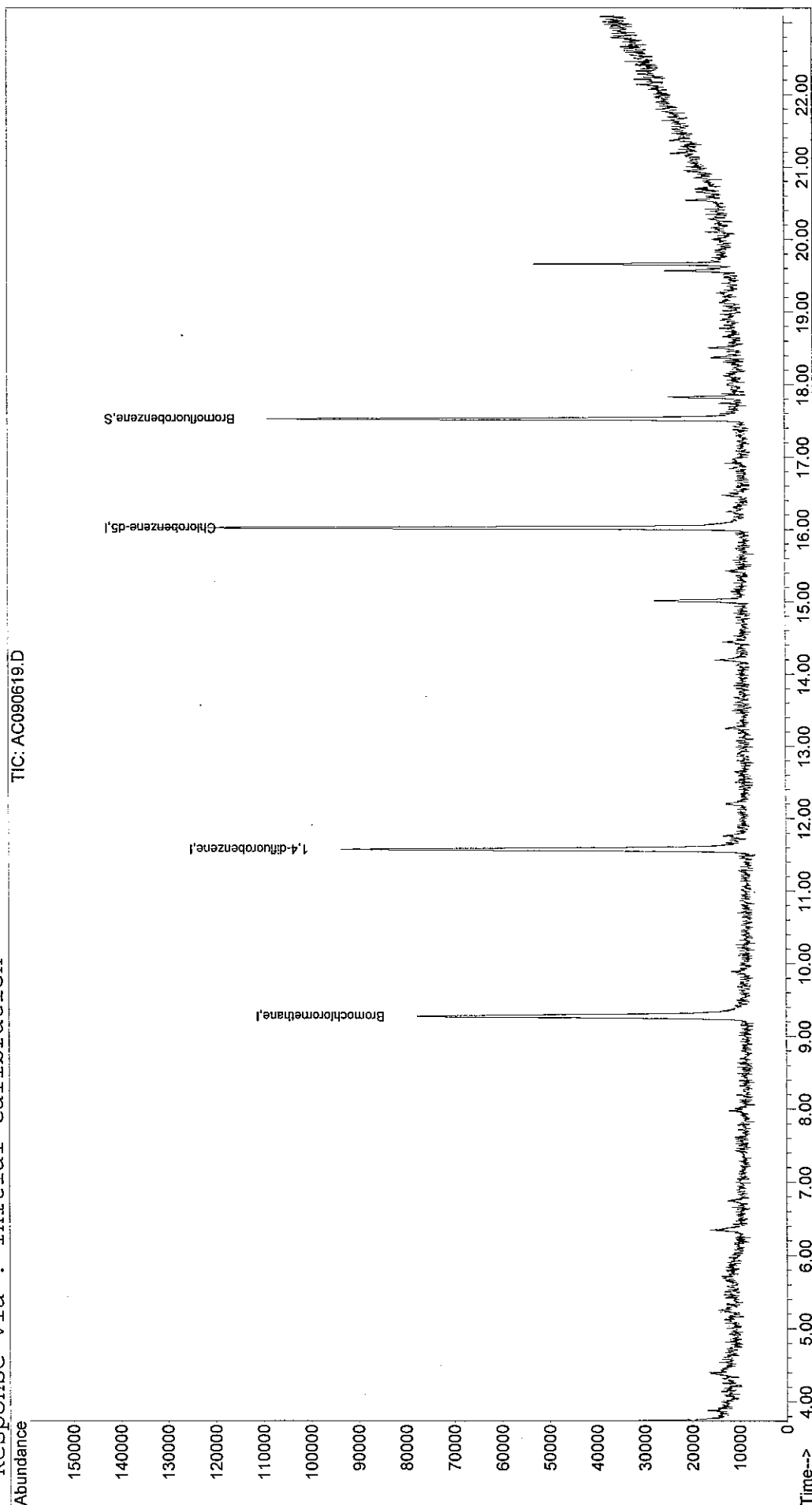
58) Bromofluorobenzene	17.52	95	35752	0.83	ppb	0.00
Spiked Amount	1.000	Range	70 - 130	Recovery	=	83.00%

Target Compounds

Qvalue

Data File : C:\MSDCHEM\1\DATA\AC090619.D
Acq On : 6 Sep 2005 8:37 pm
Sample : WAC090605E
Misc : 1UG + .25 TCE
MS Integration Params: RTEINT.P
Quant Time: Oct 7 9:13 2005
Quant Results File: A905_1UT.RES

Method : C:\MSDCHEM\1\METHODS\A905_1UT.M (RTE Integrator)
Title : TO-15 VOA Standards for 5 point calibration
Last Update : Sun Oct 09 14:17:28 2005
Response via : Initial Calibration



Data File : C:\MSDCHEM\1\DATA\AC090620.D

Vial: 6

Acq On : 6 Sep 2005 9:14 pm

Operator: RJP

Sample : WAC090605F

Inst : MSD #1

Misc : 1UG + .25 TCE

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Sep 06 21:37:55 2005

Quant Results File: A905_1UT.RES

Quant Method : C:\MSDCHEM\1\METHODS\A905_1UT.M (RTE Integrator)

Title : TO-15 VOA Standards for 5 point calibration

Last Update : Tue Sep 06 13:55:05 2005

Response via : Initial Calibration

DataAcq Meth : A905_1UT

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	9.28	128	34702m ⁿ	1.00	ppb	0.00
30) 1,4-difluorobenzene	11.57	114	91848	1.00	ppb	-0.02
44) Chlorobenzene-d5	16.02	117	84129	1.00	ppb	0.00

System Monitoring Compounds

58) Bromofluorobenzene	17.52	95	33857	0.79	ppb	0.00
Spiked Amount	1.000	Range	70 - 130	Recovery	=	79.00%

Target Compounds

Qvalue

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\AC090620.D

Acq On : 6 Sep 2005 9:14 pm

Sample : WAC090605F

Misc : 1UG + .25 TCE

MS Integration Params: RTEINT.P.

Quant Time: Oct 7 9:13 2005

Vial: 6
Operator: RJP
Inst : MSD #1
Multiplr: 1.00

Quant Results File: A905_1UT.RES

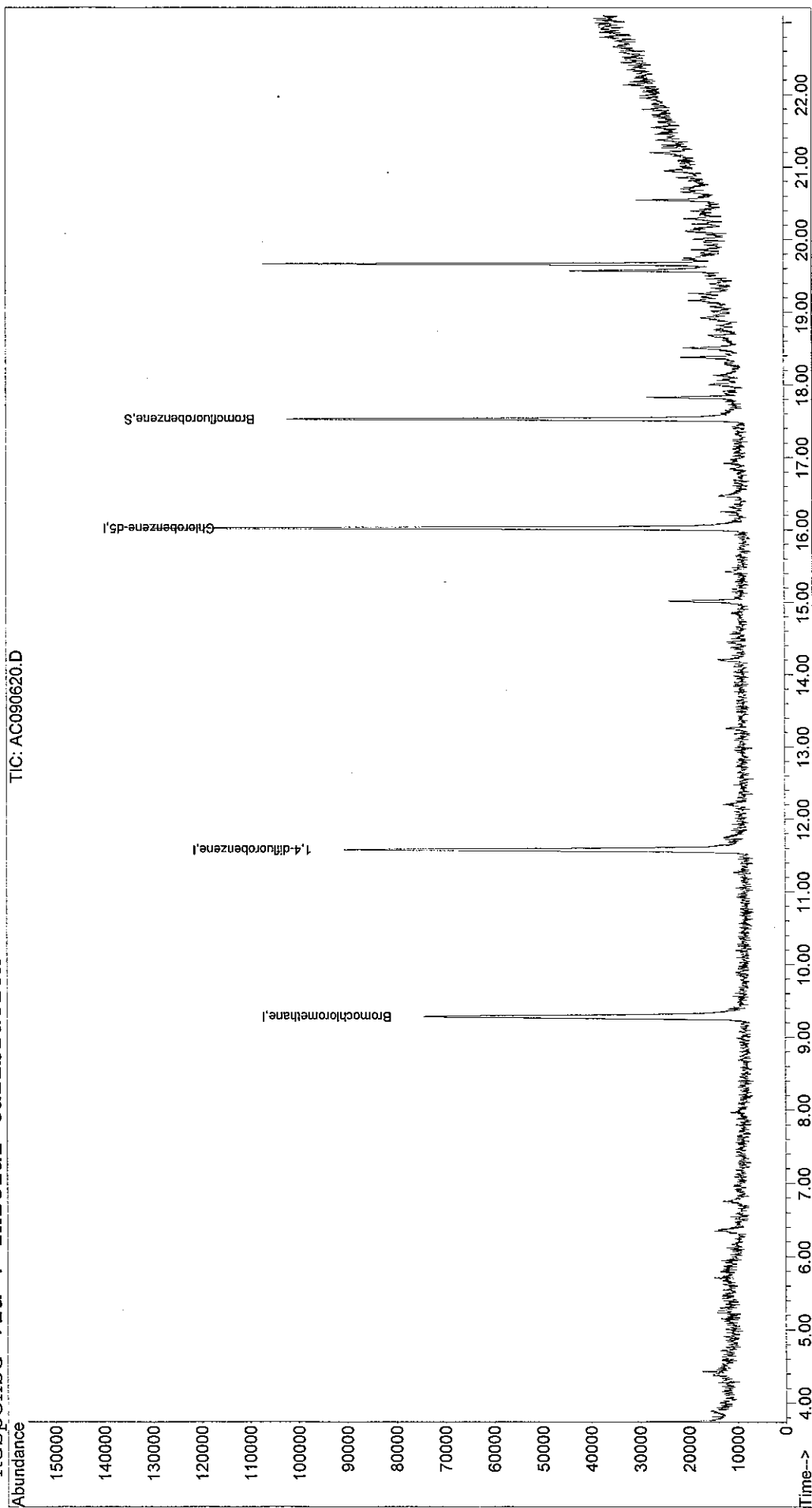
Method : C:\MSDCHEM\1\METHODS\A905_1UT.M (RTE Integrator)

Title : TO-15 VOA Standards for 5 point calibration

Last Update : Sun Oct 09 14:17:28 2005

Response via : Initial Calibration

TIC: AC090620.D



Data File : C:\MSDCHEM\1\DATA\AC090621.D

Vial: 7

Acq On : 6 Sep 2005 9:51 pm

Operator: RJP

Sample : WAC090605G

Inst : MSD #1

Misc : 1UG + .25 TCE

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Sep 06 22:15:09 2005

Quant Results File: A905_1UT.RES

Quant Method : C:\MSDCHEM\1\METHODS\A905_1UT.M (RTE Integrator)

Title : TO-15 VOA Standards for 5 point calibration

Last Update : Tue Sep 06 13:55:05 2005

Response via : Initial Calibration

DataAcq Meth : A905_1UT

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	9.27	128	31096	1.00	ppb	-0.01
30) 1,4-difluorobenzene	11.57	114	88742	1.00	ppb	-0.02
44) Chlorobenzene-d5	16.02	117	76818	1.00	ppb	0.00

System Monitoring Compounds

58) Bromofluorobenzene	17.52	95	33134	0.85	ppb	0.00
Spiked Amount	1.000	Range	70 - 130	Recovery	=	85.00%

Target Compounds

Qvalue

Data File : C:\MSDCHEM\1\DATA\AC090621.D
Acq On : 6 Sep 2005 9:51 pm
Sample : WAC090605G
Misc : 1UG + .25 TCE
MS Integration Params: RTEINT.P
Quant Time: Oct 7 9:14 2005
Quant Results File: A905_1UT.RES

Method : C:\MSDCHEM\1\METHODS\A905_1UT.M (RTE Integrator)
Title : TO-15 VOA Standards for 5 point calibration
Last Update : Sun Oct 09 14:17:28 2005
Response via : Initial Calibration

