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ADDITIONAL GROUNDWATER INVESTIGATION REPORT

FORMER GENERAL INSTRUMENT CORPORATION SITE
SHERBURNE, NEW YORK

PREPARED

BY

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Acronym List

bgs	below ground surface
BTEX	benzene, toluene, ethylbenzene, and xylenes
cm/s	centimeters per second
CSM	conceptual site model
CVOCs	chlorinated volatile organic compounds
DCE	dichloroethene
DO	dissolved oxygen
DOT	Department of Transportation
EPA	U.S. Environmental Protection Agency
ETI	Enviroметal Technologies, Inc.
ft/day	feet per day
f_{oc}	fraction of organic carbon
ID	inside diameter
LNAPL	light non-aqueous phase liquid
µg/l	micrograms per liter
mg/kg	milligrams per kilogram
mm	millimeter
MS/MSD	matrix spike/matrix spike duplicate
MTBE	methyl-tert-butyl-ether
NYSDEC	New York State Department of Environmental Conservation
ORP	oxygen reduction potential
PRB	permeable reactive barrier
PVC	polyvinyl chloride
RI/FS	remedial investigation/feasibility study
SOPs	standard operating procedures
SVE	soil vapor extraction system
S&W	Stearns and Wheler, LLC
1,1,1-TCA	1,1,1-trichloroethane
TCE	trichloroethene
TFE	total fluid extraction
VGSI	Vishay GSI, Inc.
VOCs	volatile organic compounds

1.0 Introduction

ESC Engineering of New York, P.C., on behalf of the corporate successor of General Instrument, Vishay GSI, Inc. (VGSI), has prepared this report detailing additional investigation activities conducted at the former General Instrument Corporation site in Sherburne, New York. The investigations, which included the installation of nine groundwater monitoring wells, was performed as the second phase of work necessary to update the conceptual site model (CSM). The CSM was developed by ESC Engineering to evaluate the efficacy of a permeable reactive barrier (PRB) installed (by others) in 1997. The PRB was installed to treat chlorinated volatile organic compounds (CVOCs) in groundwater. Both ESC Engineering and the New York State Department of Environmental Conservation (NYSDEC) raised concerns about the performance of the PRB following independent reviews. Historical and recent data collected and reviewed as part of the development of the CSM suggested that too few wells were present to fully evaluate the flow pattern and the extent of the affected groundwater. Additional wells were installed in 2005 to further define the groundwater flow near and downgradient of the PRB and to provide additional water quality data. The newly installed wells were sampled along with the existing wells as part of the semiannual groundwater sampling event. The results of the well installation and combined sampling event are presented in this report.

All of the 2005 well installation activities were conducted in accordance with ESC Engineering's standard operating procedures (SOPs) and the approved work plan for well installation and groundwater sampling activities, dated October 17, 2005. The combined groundwater sampling event fulfills the requirements for monitoring and evaluating the performance of the PRB as stipulated in the Order of Consent (#A701578810) signed by General Instrument on August 1, 1989, and the Record of Decision issued for the site in December 1994. This report presents a brief site description and history, a description of the scope of work, and the results of the investigation. In addition, the report provides the updated CSM and ESC Engineering's conclusions and recommendations for the site.

2.0 Site Background

The site is located at 1 Kenyon Press Drive in Sherburne, Chenango County, New York (Figure 1). Originally developed in 1947 for the Technical Appliance Corporation of America, the 5.5-acre site was purchased by Jerrold Electronic Corporation in 1962 and by General Instrument Corporation in 1969. General Instrument used the facility to produce aluminum television antennas, antenna controllers, and other small electronics from 1969 until manufacturing operations ceased in 1983. The facility was decommissioned and subsequently sold in 1989. The site is currently owned and occupied by Kenyon Press Inc., a commercial printer.

The major features of the site include a 75,000-square-foot main building used for manufacturing, warehousing, and administration, and a 4,900-square-foot plating building used for plating, etching, and vapor degreasing (Sheet 2). The site also includes two other buildings, a 1,600-square-foot garage near the southeast corner of the main building that was formerly used as a maintenance shop, and a 2,800-square-foot wooden shed near the western property line that was formerly used to store machinery and materials. Several smaller buildings, including a second garage, an equipment storage shed, and a hazardous material shed, were located south of the main building. These three structures were razed in 1983 to the concrete pads that are still visible in the field south of the main building (also known as South Field).

The site is surrounded by a bulk petroleum storage facility and Quickway gasoline station to the north; light commercial property to the east and south; the Delaware, Lackawanna, and Western railroad to the west; and further to the west by agricultural fields. VGSI currently leases a portion of the agricultural fields west of the site to allow access for the investigations described herein.

2.1 Previous Investigation and Remediation

In 1983, General Instrument implemented a plan to close their manufacturing facilities at the Sherburne Plant. An investigation conducted as part of the closure activities revealed a variety of organic and inorganic compounds in soil surrounding the facility. In response, General Instrument excavated and removed contaminated onsite soils and, in 1985, initiated a groundwater investigation that included the installation of nine groundwater monitoring wells

and six piezometers. The results of the groundwater investigation indicated the presence of 1,1,1-trichloroethane (1,1,1-TCA), trichloroethene (TCE), tetrachloroethene, and several other CVOCs in the groundwater along the western (downgradient) edge of the property.

The site was classified by the NYSDEC as a Class 2 inactive hazardous waste site in 1987 and General Instrument entered into a consent agreement in 1989 to perform a remedial investigation/feasibility study (RI/FS). The RI/FS, conducted by Stearns and Wheler, LLC (S&W), of Cazenovia, New York, and completed in 1993, identified CVOCs in the soil beneath the plating building; a localized area of free-phase petroleum product (fuel oil) floating on the groundwater near the northwest loading dock; and a CVOC-affected groundwater plume in the uppermost water-bearing unit extending west beneath a portion of the adjacent property.

S&W developed a remedial design and remedial action plan for the site that proposed the installation of an *in situ* soil vapor extraction (SVE) system to treat the unsaturated soil beneath the plating building and a groundwater recovery and treatment system to address the free-phase petroleum. The remedial action developed by S&W for the dissolved CVOC groundwater plume was a passive *in situ* PRB, which was designed to reductively dechlorinate the affected groundwater. A Record of Decision was issued by the NYSDEC in December 1994 approving the selected site remedies.

Both the SVE and groundwater recovery and treatment systems were designed, installed, and operated by S&W in the mid to late 1990s; and, both systems were decommissioned by S&W after the NYSDEC agreed that their respective cleanup targets had been achieved. A PRB was initially installed as a pilot-scale funnel-and-gate treatment system. In 1997, based on their interpretation of the pilot test response, S&W installed a full-scale, zero-valent granular iron PRB consisting of two parallel walls oriented roughly north-south and perpendicular to their interpretation of regional groundwater flow (Sheet 2). The longer of the two walls is approximately 370 feet long and was designed to cover the entire breadth of the CVOC-affected groundwater plume. A second, smaller (120-foot-long) wall was installed approximately 30 feet east of the main wall section to provide additional groundwater treatment where the highest CVOC concentrations were expected (i.e., along the core of the affected groundwater plume). Both walls were constructed with granular iron extending from about 3 feet below ground surface (bgs) through the entire thickness of the uppermost water-bearing unit and were keyed into an underlying clay at approximately 21 feet bgs. Each barrier wall was designed with a

flow-through thickness of approximately 1 foot. S&W monitored the PRBs on a quarterly basis for a period of approximately 2 years after the installation, and twice a year thereafter.

In 2001, the NYSDEC raised a number of concerns regarding the performance of the PRB. The concerns centered on apparent shifts in the groundwater flow upgradient of the PRB and changes in the CVOC distribution, including the presence of affected groundwater directly downgradient of the barrier. S&W, as part of their evaluation, contracted Environmental Technologies, Inc. (ETI), the manufacturers of the iron for the PRB, to conduct an investigation of the barrier and the groundwater flow pattern around the walls. The analyses, performed in early 2002, included bench tests performed to evaluate the condition of the PRB iron (recovered from the barrier in a core sample) as compared to an unaltered sample of iron supplied by ETI; downhole flow measurements for both direction and velocity using the existing wells; and an isotopic analysis of the CVOCs to determine if treated and untreated compounds could be readily distinguished. The bench tests performed on the iron core sample indicated that there had been a 10-to-12-percent decrease in the porosity of the wall in the 4.5 years since the installation, which likely reduced the estimated 5E-02 centimeter per second (cm/s; 141 feet per day [ft/day]) hydraulic conductivity of the barrier (ETI, personal communication). The porosity decrease was due to the accumulation of precipitate on the upgradient edge of the wall but its reductive potential, according to ETI's analysis, was unaltered. The downhole directional analysis was inconclusive; however, flowmeter measurements indicated velocities in some of the wells that were significantly higher than the initial estimates of approximately 1 ft/day. This led ETI to conclude that the residence time for groundwater flowing through the southern portion of the wall may be insufficient to fully treat the CVOC concentrations observed in the upgradient wells. Environmental Technologies' attempt to differentiate CVOCs that may have flowed through or around the barrier untreated using isotopic signatures was not definitive.

In response to continuing concerns raised by the NYSDEC, VGSI requested that ESC Engineering complete a technical review of the site in March 2004 using data generated by S&W during the 2002 groundwater monitoring events (ESC Engineering 2004a). ESC Engineering reviewed the data and developed a CSM, which was later validated using the semiannual groundwater data collected in the spring of 2004. The data suggested that the groundwater flow pattern had been altered by the PRB and that CVOCs might be bypassing the barrier; however,

the data set did not include enough monitoring wells to fully evaluate the flow patterns and extent of affected groundwater.

2.2 Adjacent Property

Additional investigation and remediation activities were performed at the adjacent Quickway gasoline station and adjacent petroleum bulk storage facility, which is located directly north of the former General Instrument site (Sheet 2). The activities at the Quickway gasoline station were not related to the operations at the former General Instrument facility; however, groundwater data collected for this and previous reports suggest that some of the compounds released to the subsurface have migrated onto the former General Instrument site and are present in the PRB treatment area. A description of these compounds and their impact on the PRB treatment area is presented below and a copy of the 2004 Geologic NY, Inc., report is included in Appendix A for reference.

The Quickway site is listed on the NYSDEC Spill Incidents Database (#980327) for a release of gasoline in 1998 resulting from underground storage tank (UST) failures in two areas of the site (Sheet 2). According to a letter report obtained by ESC Engineering from Geologic NY, Inc., of Cortland, New York, to the NYSDEC, dated May 24, 2006, groundwater samples collected in 1998 from a monitoring well near the failed tank in the northeast corner of the site along Route 12 contained combined concentrations of benzene, toluene, ethylbenzene, and xylenes (BTEX) that exceeded 42,000 micrograms per liter (μg/l). In September 1998, methyl-tert-butyl-ether (MTBE) was added to the sampling program and concentrations as high as 1,500 μg/l were detected in groundwater samples from a well near the second UST suspected of failure located on the southeast corner of Quickway's property. Samples collected from an additional groundwater monitoring well located between the southeastern UST area and the former General Instrument property line (directly upgradient of the wooden shed and former plating building) contained concentrations of BTEX in groundwater as high as 452.1 μg/l (April 1999) and concentrations of MTBE as high as 513 μg/l (February 1999).

Notes in the letter and on the analytical tables indicate that a combined SVE system with two arrays (positioned in the northeast and southeast UST areas) and total fluid extraction (TFE) system with a single recovery well were installed in early 1999. Fluid extraction from the TFE

recovery well resulted in up to 0.23 foot of light non-aqueous phase liquid (LNAPL) in an adjacent monitoring well in November 1999. At the time of the letter report in 2004, the combined SVE/TFE system had apparently removed all LNAPL at the monitoring points and reduced the total BTEX compounds to concentrations ranging from 6 μg/l in the southeast corner of the site to 722 μg/l in the recovery well. Concentrations of MTBE in the monitoring wells between the southeastern UST and the former General Instrument site ranged from 17 to 360 μg/l from 1999 to 2001 before decreasing to a level of 3.9 μg/l in April 2004.

3.0 Scope of Work

The CSM developed during the technical review of the site indicated that the groundwater flow pattern in and around the PRB had been altered by the barrier itself. Elevation data collected by S&W in 2002 and during the subsequent semiannual groundwater sampling events appeared to show a marked gradient change across the center of the barrier, groundwater elevations above the top of the wall, and altered flow directions near the end of the walls sub-parallel to axis of the barrier, particularly in the north. Analytical data collected during the same sampling events suggested that the CVOC-affected groundwater was bypassing the barrier to the north and south of the wall along the projected flow lines and, in the center of the PRB, was flowing over the wall. Too few wells were present, however, to determine the flow patterns around the ends of the PRB and evaluate the distribution of CVOCs dissolved in groundwater. In addition, little was known about the site geology and hydrogeology beyond the limited information provided in the early reports. This information is necessary to evaluate groundwater velocity and likely distribution of the CVOCs.

To provide a better understanding of the hydraulics around the PRB and update the CSM, ESC Engineering installed and sampled (as part of the semiannual groundwater sampling event) nine groundwater monitoring wells around the northern and southern ends of the PRB and downgradient of the barrier. The well locations were selected to verify the projected flow lines around each side of the barrier and to further evaluate the distribution of the CVOC-affected groundwater plume. ESC Engineering also collected soil samples for grain size and total organic carbon analyses to determine the hydraulic and sorptive characteristics of the water-bearing zone.

All of the activities were performed in accordance with the procedures outlined in the work plan for well installation and groundwater sampling activities, dated October 17, 2005, the Record of Decision issued for the site in December 1994, and ESC Engineering's standard operating procedures (Appendix B). An overview of the scope of work, including the methods used, is presented below.

3.1 Monitoring Well Installation Activities

ESC Engineering installed nine groundwater monitoring wells between November 17 and 22, 2005. The monitoring wells, designated MW-31 through MW-39, were installed to provide data to further evaluate the groundwater flow pattern and characterize the water quality near and downgradient of the PRB (Sheet 2). Monitoring wells MW-31 through MW-33 were installed along potential flow lines in the vicinity of the southern end of the PRB, monitoring wells MW-34 through MW-36 were installed to define the flow near the northern end of the PRB, and MW-37 through MW-39 were positioned halfway between the PRB and downgradient wells MW-20 and MW-21 to provide additional information on the flow pattern and water quality downgradient of the PRB. ESC Engineering also collected soil samples during the well boring installation for grain size and fraction of organic carbon (f_{oc}) analyses to further characterize the hydraulic and sorptive characteristics of the subsurface.

3.1.1 Soil Borings and Monitoring Well Construction

The monitoring well borings were installed using a truck-mounted drill rig equipped with 4.25-inch inside-diameter (ID) hollow-stem augers. The borings were advanced through the shallow water-bearing zone to the top of the underlying silt layer. Continuous split-barrel soil samples were collected from each boring to characterize the soil and to accurately identify the silt interface, which was located between 11 and 24 feet bgs. Lithologic descriptions, which included soil color, texture, and moisture content, were recorded in the field book. Geologic logs of each boring and schematic well construction details are included in Appendix A.

A monitoring well was constructed in each boring once the silt interface was identified using 2-inch-ID, flush-threaded, Schedule 40 polyvinyl chloride (PVC) blank casing equipped with 0.010-inch continuous-wrap PVC screen. The wells were constructed so that the screened section straddled the water table surface and extended to the base of the shallow water-bearing zone. A reference mark was placed on the top of the inner PVC casing of each well, and the well was secured with a locking expandable plug and protective steel casing. Each well was developed 24 hours or later after the installation of the well seal with submersible pumps and surge blocks until the development water was relatively free of suspended sediment.

All downhole and sampling equipment was decontaminated before use, between each borehole, and before leaving the site in accordance with ESC Engineering's SOP 15. Decontamination rinsate, soil cuttings, and development water generated during the well

installation activities, were contained in Department of Transportation- (DOT-) authorized 55-gallon steel drums and staged onsite for later disposal in accordance with state and federal regulations.

The locations, reference mark elevations, and ground surface elevations of all of the newly installed wells were surveyed by a New York-licensed land surveyor prior to the semiannual monitoring event conducted in December 2005. All horizontal locations were measured to the nearest 0.1 foot and vertical locations to the nearest 0.01 foot.

3.1.2 Soil Sampling

In addition to the lithologic descriptions, soil samples for grain size distribution and f_{oc} analysis were collected from select borings to characterize the hydraulic and sorption properties of the shallow water-bearing zone. Eleven grain size analysis soil samples were collected from borings MW-31, MW-32, and MW-34 through MW-39 at depths ranging from 5 to 15 feet bgs[1] (Sheet 2). Nine the samples were collected from the water-bearing zone above the underlying silty clay; the samples from MW-34 and one of the two samples collected from MW-37 were used to characterize the silty clay. Ten soil samples were collected for analysis of total organic carbon, which was used to calculate the f_{oc}. One sample was collected from each of the nine soil borings at depths ranging from 5 to 17 feet bgs with a second sample collected from MW-36, the deepest boring at the site, between 17 and 19 feet bgs.

The grain size analyses were performed at Geotechnics Laboratories in Pittsburgh, Pennsylvania, using ASTM International Method D422. The f_{oc}, which was calculated from the total organic content, was analyzed at Severn Trent Laboratories in Buffalo, New York by US Environmental Protection Agency (EPA) Method 9060. The samples were collected and shipped in accordance with ESC Engineering's SOPs 10 and 20, which are included in Appendix B. Laboratory analytical reports of grain size analysis and total organic content are included in Appendices C and D, respectively.

3.2 Groundwater Monitoring

ESC Engineering performed the semiannual groundwater monitoring for the site between December 20 and 22, 2005, which combined the existing wells in the PRB monitoring network

[1] Soil samples for grain size analysis were not collected from MW-33 due to low recoveries.

and the newly installed monitoring wells. The activities included collecting water level data to determine the potentiometric surface in the vicinity of the PRB and analytical samples to evaluate the water quality upgradient and downgradient of the PRB. As with previous events, the groundwater samples were analyzed for VOCs by EPA Method 8260 and also included, at the request of the NYSDEC, analysis for MTBE and naphthalene.

All of the groundwater monitoring work at the site was performed in accordance with ESC Engineering's SOPs, which are presented in Appendix B. The methods for each activity are presented below and the results are summarized in Tables 3 and 4. For comparison, Tables 3 and 5 include elevation data and analytical results, respectively, from the previous groundwater monitoring event.

3.2.1 Groundwater Elevations

Water level data were collected from the wells prior to beginning sampling activities. The wells gauged included 18 of the 19 wells located within the PRB monitoring network (i.e., MW-2, MW-8, MW-17, MW-20 through MW-30, P-3, P-8, P-10, and P-11); MW-14, which was included in the gauging activities to provide additional information on the flow pattern upgradient of the barrier; and the nine newly installed groundwater monitoring wells (i.e., MW-31 through MW-39; Sheet 2). The water level in MW-18 was inadvertently not measured due to an oversight in the field.

Each well was uncapped and allowed to stand undisturbed for at least one hour (for equilibration) prior to gauging. The measurements were made to the nearest 0.01 foot using an electronic water-level indicator and recorded in the field notebook. The water level data are presented in Table 3.

3.2.2 Water Quality

Seventeen of the 19 wells in the PRB monitoring network (MW-2, MW-8, MW-17, MW-20 through MW-27, MW-29, MW-30, P-3, P-8, P-10, and P-11) and the nine newly installed monitoring wells (MW-31 through MW-39) were sampled using the low-flow purge protocol in accordance with ESC Engineering's SOP 3B and the EPA Low Flow (Minimal Drawdown) Procedures (1996; Appendix B; Sheet 2). Two of the network wells, MW-18 and MW-28, were

not sampled. Monitoring well MW-18 is a former petroleum product recovery well[2] that is typically not sampled due to the presence of a thin layer of LNAPL in the well[3]. Monitoring well MW-28 is damaged and could not be sampled using low-flow equipment. Samples were also not collected from monitoring well MW-14, which is outside the PRB monitoring network and is used to measure groundwater elevations only.

The wells were purged and sampled using QED Environmental Systems, Inc., MP15 Controllers and CO_2-driven MicroPurge bladder pumps equipped with disposable Teflon bladders and Teflon-lined polyethylene tubing. The pumps were set near the midpoint of each well screen and the wells were purged at rates between 0.2 and 0.5 liter per minute. Temperature, pH, specific conductance, dissolved oxygen (DO), turbidity, oxygen-reduction potential (ORP), and drawdown were monitored every 3 to 5 minutes during the purge process using a flow-through cell and an electronic water-level indicator. Low flow groundwater sampling forms recorded for each well during the purge process are presented in Appendix E.

Water quality samples were collected directly from the pump once the field parameters stabilized (±10 percent for temperature, turbidity, DO, and ORP; ±0.1 unit for pH; ± 3 percent for specific conductance; and drawdown variance less than 0.3 foot) and the turbidity readings were less than 50 nephelometric units. The samples were labeled, packed on ice, and shipped by overnight carrier to Severn Trent Laboratories, Inc., of Buffalo, New York, for analysis of VOCs using EPA Method 8260. All samples were maintained and shipped in accordance with ESC Engineering's SOP 20 (Appendix B). Laboratory results for the groundwater data collected in December 2005 are presented in Appendix D. The data usability report is presented in Appendix F.

After sampling each well, the bladder pumps were disassembled and decontaminated using non-phosphate soap and tap water in accordance with ESC Engineering's SOP

[2] Monitoring well MW-18 was installed as part of the onsite groundwater treatment and soil vapor extraction system. According to S&W's June 2000 decommissioning Plan, groundwater recovery from MW-18 was discontinued with approval from the NYSDEC in 1998. The well, along with onsite treatment system wells MW-2 and MW-8, was incorporated into the monitoring program for the PRB.

[3] The water elevation and thickness of free product in monitoring well MW-18 was not measured during the December 2005 sampling event due to an oversight in the field. Product thicknesses in the well have ranged from 0.11 feet during the June and November 2004 event to 0.17 feet during the June 2005 event.

16 (Appendix B). All non-metal parts of the pumps, including rubber o-rings and the Teflon bladder, were replaced between each well. Investigation-derived wastes generated during the sampling activities (i.e., purge and decontamination water) were contained in DOT-approved 55-gallon steel drums. The drums were labeled and staged onsite for later disposal in accordance with state and federal regulations.

4.0 Investigation Results

ESC Engineering installed nine groundwater monitoring wells near and downgradient of the PRB to further assess the groundwater flow pattern and evaluate the water quality. The newly installed wells and 16 of the existing wells within the PRB network were sampled as part of the semiannual groundwater sampling event in December 2005. The results of these activities are presented below and are summarized in Tables 1 through 5. Table 1 and 2 detail the results of the soil sampling activities and include the grain size analysis classifications, estimates of the hydraulic conductivity, and the f_{oc}. Table 3 includes groundwater elevation data from the December sampling event and the two previous sampling events for comparison. Table 4 provides the analytical data collected from the wells and Table 5 summarizes the historical analytical data for the last three semiannual sampling events. A copy of the laboratory analytical results and the data usability study report are presented in Appendix F. Grain size analysis reports are presented in Appendix G and the boring logs and groundwater sampling logs are presented in Appendices C and D, respectively.

4.1 Soil Sampling Results

The nine soil borings installed for the monitoring wells were sampled continuously to provide geologic descriptions of the subsurface. Select intervals were also sampled for grain size and organic carbon analysis. Based on the soil descriptions and the grain size analyses, the area around the PRB is underlain by three stratigraphic units. The upper unit consists of 2 to 10 feet of organic-rich, yellowish-brown to olive brown silt or sandy silt with minor amounts of gravel. The silt forms a cap to the underlying units and is likely the result of overbank deposits formed during repeated flooding events of the nearby Chenango River. This unit is currently farmed by the local landowner. The upper silt unit is underlain by up to 15 feet of olive brown well to poorly graded coarse gravel with varying amounts of silt and sand. The gravel is often rounded to well-rounded and is weakly stratified with alternating layers of gravelly silt and gravely sand. Underlying the gravel unit is a dense, dark grey silty clay, which marks the base of the upper water-bearing zone. The unit appears to be contiguous across the site, though the depth it was encountered ranged widely from 11 to 21 feet bgs. The top of the unit was sampled during the

installation of MW-37 and appears to be at least 2-feet-thick. No borings were advanced through this unit.

4.1.1 Hydraulic Conductivity Estimates

Rough estimates of the hydraulic conductivity (K) were calculated from the samples using the grain size analyses and the empirical power-law relationship developed by Hazen, which uses the d_{10} effective grain size to predict K. The power-law relationship is given by:

$$K = Ad_{10}^2$$

where:

K = hydraulic conductivity (cm/s)

d_{10} = the grain size diameter in millimeters (mm) at which 10-percent (by weight) of the soil particles are finer and 90-percent are coarser.

A = a unit conversion coefficient (equal to 1.0 for K in cm/s and d_{10} in mm; Freeze and Cherry, 1979).

This empirical formula provides only a crude estimate of the conductive capacity of the soil material because the homogenized sample does not differentiate between horizontal and vertical structures (e.g., bedding) that may have been present in the soil (i.e., the estimate of K is isotropic) nor is there any consideration for the packing of the grains. Calculations using this relationship, however, yielded hydraulic conductivity estimates of 1.2E-04 to 2.8E-02 cm/s (0.34 to 79 ft/day) for the sandy and silty gravels, 1.4E-04 cm/s (0.41 ft/day) for the silty sand sample recovered from MW-34, and 1.7E-06 to 2.6E-06 cm/s (4.8E-03 to 7.3E-03 ft/day) for the underlying silt clay, all of which are generally consistent with typical values for silty and sandy gravel mixtures (1E-03 to 1 cm/s; 2.8 to 2834 ft/day), silt and sand mixtures (1E-05 to 1E-02 cm/s; 2.8E-02 to 28.3 ft/day) and silt clay mixtures (IE-08 to 1E-04 cm/s; 2.8E-05 to 2.8E-01 ft/day), respectively (Table 1; Freeze and Cherry 1979). The values were also in close agreement with K estimates derived from slug tests performed by S&W using onsite and offsite wells[4],

[4] The slug tests were performed by S&W as part of the Remedial Investigation. Of the nine wells used for the slug tests, MW-3, MW-4, MW-9 through MW-12, and MW-15 through MW-17, only MW-17 still exists. The remainder of the wells were abandoned by S&W. See the Remedial Investigation Report (November 1992) for additional information.

which ranged from 5.55E-03 to 8.07E-02 cm/s (16 to 228 ft/day; S&W, 1992). These estimates suggest that the majority of the groundwater flow is horizontal through the gravel unit and the underlying silty clay, with a K that is up to 10,000 times less transmissive, is an effective aquitard for the upper water-bearing unit.

It is important to note here, as will be described more fully later in this text, that the estimates for the permeability of the gravel are similar and in fact could be higher than the permeability of the PRB.

4.1.2 Organic Carbon Results

The results of the organic carbon analyses indicate that total organic carbon was generally less than 3,000 milligrams per kilogram (mg/kg; 0.3 percent) ranging from a low of 980 mg/kg (0.98 percent) in the duplicate sample collected from the 5-to-7-foot depth interval of boring MW-31 to 2,600 mg/kg (0.26 percent) in the sample recovered from the 9-to-11-foot depth interval of MW-39 (Table 2). Significantly higher concentrations of organic carbon were detected in the 7-to-9-foot sample from MW-38 (6,100 mg/kg; 0.61-percent), in the 8-to-10-foot (19,000 mg/kg; 1.9-percent) and 17-to-19-foot (32,000 mg/kg; 3.2-percent) samples recovered from MW-36.

The mobility of an organic compound dissolved in groundwater is sensitive to the amount of physical sorption to the soil matrix and to the amount of chemical sorption by the soil organic matter (Chiou, *et al.,* 1979; Karickhoff, *et al.,* 1979). Increases in the amount of sorption result in a greater retardation of the dissolved compound (i.e., the velocity of the contaminants, V_c, is reduced) with respect to the linear velocity of the groundwater alone (V_w). For non-polar organic compounds such as TCE, the amount of retardation (R) is dominated by the soil organic content at concentrations of f_{oc} (a proxy for the total soil organic matter) greater than 0.1 percent (Pignatello 1989). Estimates of R were generated from the f_{oc} analysis using the relationship:

$$R = V_w/V_c = 1 + (\rho b/n)\,(K_d)$$

Where:

R = Retardation factor (unitless)

V_w = Linear velocity of the groundwater

V_c = Linear velocity of the contaminant

ρ_b = bulk density of the porous medium (grams per cubic centimeter)

n = porosity of the porous medium (unitless)

K_d = distribution coefficient; equal to $f_{oc}K_{oc}$, where K_{oc} is the compound-specific organic carbon partitioning coefficient (liters per kilogram; Freeze and Cherry, 1979)

Estimates of the retardation factor for each of the samples were calculated for TCE using the default values for soil porosity (0.25), soil bulk density (1.99 grams per cubic centimeter), and TCE K_{oc} (166 liters per kilogram) recommended by the EPA's Soil Screening User's Guide (1996). The calculations yielded estimates for the majority of the samples ranging from 1.1 for the duplicate sample collected from the 5-to-7-foot depth interval of boring MW-31 to 1.3 for the sample recovered from the 9-to-11-foot depth interval of MW-39 (Table 2; Sheet 2). These values are near the low end of typical TCE retardation values, which typically range from 1 to 10 (Mackay, *et al.*, 1985), and are consistent with coarse-grained soils that generally have lower organic carbon content. The higher concentrations of organic carbon detected in the 7-to-9-foot sample from MW-38 and in the 8-to-10-foot and 17-to-19-foot samples recovered from MW-36 yielded retardation estimates of 1.8, 3.5, and 5.2, respectively. These values may be related to locally higher concentrations of organic silt or clay or the application of fertilizers, which can significantly increase the soil organic content. These results indicate that, with the exception of the sampled soil horizons in MW-36 and MW-38, the dissolved CVOCs appear to be undergoing little retardation and are migrating at a rate similar to the groundwater flow velocity.

4.2 Groundwater Investigation Results

The groundwater investigation was performed after the groundwater within the newly installed wells had been allowed to equilibrate with the surrounding formation for a minimum of two weeks. The investigation activities were timed to coincide with the semiannual groundwater sampling, which is normally conducted in November or December, and to provide a snapshot of the current groundwater elevations and water quality over the entire treatment area. A total of 28 wells were gauged and 26 sampled for water quality between December 20 and 22, 2006.

4.2.1 Elevation Results

The results of the December elevation measurements are generally consistent with the groundwater elevation data collected from the PRB monitoring network wells during previous events. Although water levels ranged from 1.02 to 1.31 feet higher than the elevations measured in June 2005, the overall site gradient of 0.0015 (as measured between P-8 and MW-21) was slightly shallower than the gradient calculated from the November data and is equivalent to the average (0.0015) of the last 3 sampling events (Table 1). Groundwater elevations in several of the wells directly upgradient of the PRB (i.e., MW-29, MW-30 and P-10) were either above (P-10) or within a few tenths of a foot of the top elevation of the barrier indicating that groundwater may be flowing over the top of the wall. The groundwater contour map (Sheet 3), which includes the elevation data from the nine newly installed wells, depicts a generally west-southwest groundwater flow direction towards MW-21.

The prominent groundwater mound identified east (upgradient) of the PRB, which was first described in the Preliminary Data Gathering and Semiannual Groundwater Sampling Report (ESC Engineering 2004b), is still present and appears to be centered between wells MW-29 and MW-30 (Sheet 3). Initial analysis of the elevations showed a distinct peak in the groundwater surface near the leading edge of the mound at well MW-28, which is reportedly installed within the smaller PRB wall. Because of questions about the level of hydraulic communication between the wall of the PRB and the surrounding formation (see Interpretation and Updated CSM section below) and because of ongoing concerns about the integrity of the well (the well casing is damaged), MW-28 was removed from the analysis. Even with MW-28 removed from the well field, local groundwater flow directions near the northern and southern end of the PRB appear to diverge from the regional groundwater flow direction to the north and south, respectively. This divergence from the regional flow direction is most pronounced east (upgradient) of the PRB's north end, where groundwater contours reveal a northwesterly groundwater flow direction and locally steep (0.003 as measured between MW-17 and MW-34) gradient extending from wells P-3 to MW-35. Data from the newly installed monitoring wells MW-34 through MW-39 near the north end of the wall indicate that the flow direction turns first westerly (near MW-35) and then southwesterly towards MW-21 as the groundwater flows around the end of the barrier. A similar, though less well defined pattern is present along the southern end of the PRB. Groundwater appears to flow south-southwest upgradient of the barrier between MW-29 and MW-22 before

turning sharply to the northwest at the southern end of the PRB near newly installed wells MW-31 through MW-33 before returning to a more west-southwesterly flow between wells MW-33 and MW-37.

The groundwater elevation in the wells immediately downgradient of the PRB (i.e., MW-23 through MW-27 and P-11) and four of the newly installed wells downgradient of the barrier (i.e., MW-33 and MW-36 through MW-38) indicate a depression in the water table extending from the PRB downgradient towards MW-21 (Sheet 3). This depression is consistent with previous results and is formed by the relatively steep drop in groundwater elevations along the barrier. Local gradients across the PRB are 0.033 at the northern end of the PRB (between MW-28 and MW-25), 0.027 near the midpoint of the barrier (between MW-24 and 30), and 0.015 at the southern end of the PRB (between MW-23 and MW-29). These gradients are 10 to 20 times higher than the average site gradient.

4.2.2 Analytical Results

The analytical results indicate that site-related CVOCs were detected in all of the samples from wells both upgradient and downgradient of the PRB with five of the compounds, TCE (5.6 to 680 µg/l), *cis*-1,2-dichloroethene *(cis*-1,2-DCE; 5.2 to 1,400 µg/l), *trans*-1,2-DCE (5.7 to 8.2 µg/l), vinyl chloride (3.2 to 63 µg/l), and 1,1,1-TCA (5.3 to 6.0 µg/l), detected at concentrations above the evaluation criteria[5] (Table 4, Sheet 4). The highest total CVOC concentrations were detected upgradient of the PRB in samples from wells MW-17 (476 µg/l) and P-8 (2,096 µg/l), both of which are located directly east of the north end of the PRB. Concentrations of CVOCs exceeding the evaluation criteria were also detected in the wells directly upgradient of the barrier (19.3 to 50.8 µg/l), downgradient of the barrier (9.7 to 133.4 µg/l), and in the newly installed wells along the southern (10.1 to 179.7 µg/l) and northern (20.2 to 191.59 µg/l) boundaries of the PRB treatment area. Trace concentrations of CVOCs below the evaluation criteria were detected in upgradient wells MW-2 and MW-8, and near the center of the PRB in wells MW-24, MW-27, MW-29, and MW-30.

The analytical results from the wells within the existing monitoring well network are generally consistent with previous results. Changes in the CVOC concentrations were noted in

[5] New York State Ambient Water Quality Standards or Guidance for Class GA water provided in the New York State Department of Environmental Conservation Division of Water, Technical, and Operation Guidance Series (1.1.1), dated June 1998, and in the April 2000 Addendum.

several of the samples (as compared to the previous sampling event), including an increase in the total CVOC concentrations from 967 μg/l to 2,096 μg/l in samples collected from piezometer P-8, and a decrease from 2,106 μg/l to 476 μg/l in samples from MW-17; however, the overall pattern of CVOC distribution remained essentially constant. The highest concentrations of CVOCs were centered near the north end of the PRB with lower concentrations detected along the PRB and in the downgradient wells MW-20 and MW-21. Little change (i.e., less than 5 μg/l) was noted in the total CVOC concentrations in samples collected from well pairs along the center of the PRB, including MW-24 through MW-26, MW-29, MW-30, P-10, and P-11. The ratios of the individual compounds also remained relatively constant with generally higher concentrations of the breakdown products *cis*-1,2-DCE, detected at similar concentrations above the evaluation criteria on both sides of the barrier, and vinyl chloride, than of the parent compound TCE, which was not detected on either side of the PRB at concentrations above the evaluation criterion of 5 μg/l.

The analytical sample results obtained from the newly installed wells north, south, and west of the PRB indicate concentrations of CVOCs above the evaluation criteria, including significant concentrations of TCE, present around the ends of the PRB and in the downgradient area between the barrier and wells MW-20 and MW-21 (Sheet 4). The highest total CVOC concentrations were detected in samples from well MW-34 (192 μg/l), which lies within the altered flow pattern near the north end of the barrier along the flow lines generally extending from P-8 and MW-17. The MW-34 results included relatively moderate concentrations of TCE (16 μg/l) and relatively high concentrations of *cis*-1,2-DCE (110 μg/l) and vinyl chloride (63 μg/l), which may indicated the TCE is naturally attenuating (Table 4). Lower but still elevated concentrations were also detected in samples from the wells MW-35 (20.2 μg/l total CVOCs) approximately 40 feet north of the end of the barrier, MW-36 (30.4 μg/l) approximately 60 feet west of the PRB, and MW-38 (26.7 μg/l) approximately 150 feet west of the wall. Similar results were obtained from wells installed around the southern end of the wall, MW-31 (155 μg/l), and MW-32 (180 μg/l), and in downgradient well MW-37 (133.4 μg/l). Samples from the southern wells generally contained higher average[6] concentrations of TCE (up to 81 μg/l in the sample from MW-37) but lower concentrations of *cis*-1,2-DCE and vinyl chloride than the samples from

new wells along the northern end of the barrier. The presence of *cis*-1,2-DCE and vinyl chloride in the samples suggest that natural breakdown of the TCE is occurring.

Trace concentrations of several petroleum-related VOCs, including ethylbenzene and xylenes, were also detected in the groundwater samples; however, only one compound, MTBE, was detected at concentrations above the evaluation criterion of 10 μg/l (Table 4, Sheet 5). The highest concentrations of MTBE were detected in newly installed wells MW-35 (28 μg/l), MW-36 (26 μg/l), and MW-38 (35 μg/l) all of which are southwest (downgradient) of the Quickway gasoline station located on the adjacent property. Lower concentrations, below the evaluation criterion, were detected in samples from two additional wells southwest of the gasoline station, MW-2, and MW-20, and in three of the newly installed monitoring wells, MW-31, MW-32, and MW-37, which are near the southern end of the PRB.

The trace concentrations of petroleum compounds detected at the site are likely the result of the release at the adjacent Quickway gasoline station and petroleum bulk storage facility rather than the localized release of fuel oil that was remediated at the site during the 1990s. All of the compounds detected, benzene, ethylbenzene, xylenes, and MTBE, are either typical or exclusive (i.e., MTBE) constituents of gasoline and are not commonly associated with fuel oil.

[6] The highest concentration of TCE is in the sample from P-8 near the former source.

5.0 Interpretation and Updated Conceptual Site Model

The well installation activities and the combined groundwater sampling results indicate that the PRB continues to influence the overall groundwater flow pattern in the treatment area. The introduction of the barrier into the flow field in 1997 has resulted in steep gradients across the PRB more than an order of magnitude greater than the overall site gradient and the formation of a prominent, asymmetric groundwater mound east (upgradient) of the barrier (Sheet 3). Groundwater flow is clearly influenced by the wall, and some flow is believed to be redirected around the south and north ends of the wall and, during wetter periods of the year, over the top of the barrier.

The diversion is more obvious along the northern end of the PRB where the addition of the second, smaller barrier wall has apparently magnified the influence on groundwater flow. The alteration of the groundwater flow pattern appears to begin at least 250 feet to the northeast of the PRB near onsite well MW-14 where groundwater flow is shifted to the northwest (Sheet 3). The magnitude of the northerly shift becomes more pronounced towards the PRB until the flow direction is essentially parallel to the length of the barrier near the northern edge of the smaller PRB wall (i.e., between P-3 and P-8). Elevation data from the newly installed wells MW-34 through MW-36 confirm previous assumptions that the redirected groundwater along the northern portion of the PRB is flowing around the end of the wall. The return to the south-southwesterly flow is more rapid than might otherwise be expected due to the depression in the flow field caused by the PRB. The head differential along the edges of the depression creates a southerly gradient that allows groundwater near the end of the wall to flow south.

The direction of the flow lines around the southern end of the upgradient groundwater mound is more subtle (Sheet 3). Instead of the abrupt shift and steep gradient parallel to the barrier observed in the north, the flow pattern is marked by a broad, generally flat mound of groundwater that extends to the east dipping gently to the south-southwest. Groundwater along the center of the mound (i.e., east of the barrier between MW-29 and MW-30) appears to flow perpendicular to the PRB and is likely flowing through or over the wall. Groundwater west and upgradient of MW-29 appears to flow to the south-southwest in a direction that is sub-parallel to the barrier before it eventually flows around the southern edge of the wall towards the southwest and MW-21. Like the groundwater flowing around the northern end of the PRB, groundwater

passing the southern end of the wall flows toward the center of the depression caused by the PRB.

The site groundwater flow pattern around the PRB appears to be a result of a lower effective hydraulic conductivity in the iron filings or the trench walls that make up the barrier as compared to the surrounding formation. The rough estimates of permeability calculated from the grain size analyses and available in the literature for the gravel samples collected from MW-36, 2.8E-02 cm/s (79.1 ft/day); MW-37, 1.4E-02 cm/s (40.8 ft/day); and MW-39, 1E-02 cm/s (28.3 ft/day) and the hydraulic conductivity estimates from S&W's onsite and offsite slug tests, which ranges from 5.55E-03 to 8.07E-02 cm/s (16 to 228 ft/day), are closer to the hydraulic conductivity estimate for the iron in the PRB wall (5E-02 cm/s [141 ft/day]) than would be reasonable for a prudent design. The lack of contrast in the permeability indicates that, at the time of installation, the conductivities of the formation and the barrier were nearly equal (Table 1). This is a much different situation than the normal design approach of ensuring that conductivity of the barrier is 10 to 100 times greater than that of the surrounding formation (ETI, personal communication). There is insufficient data to evaluate the flow at the time when the PRB was first installed; however, the obstruction of flow may have been present from the start based on construction practices (i.e., smearing of the underlying clay along the sidewalls of the barrier trench). Grain size analyses for the underlying silty clay show that it has an estimated hydraulic conductivity up to four orders of magnitude less than the overlying gravels. Only a small amount of silty clay introduced into the PRB trench along the sidewalls would have resulted in a significant reduction in the flow of groundwater through the wall. Alternately, the reduced flow may have been a function of the precipitate that formed on the upgradient edge of the barrier, which, according to ETI's analysis, decreased the porosity by 10 to 12 percent within the first 5 years of operation. Precipitates may have continued to form in the intervening 4 years since the evaluation, further exacerbating the influence on groundwater flow.

5.1 Groundwater Quality

The apparent disturbance in the groundwater flow pattern has split the affected groundwater into two separate plumes (Sheet 6). The highest concentrations of CVOCs are located along each end of the PRB. These two areas of affected groundwater appear to be distinct

from each other within the treatment area. In the northern portion of the PRB, the total CVOC concentrations decrease along flow lines leading around the barrier wall from (Sheet 4; Table 4):

- P-8 (2,096 µg/l total; 680 µg/l TCE; 1,400 µg/l *cis*-1,2-DCE)
- MW-17 (476 µg/l total; 15 µg/l TCE; 400 µg/l *cis*-1,2-DCE)
- MW-34 (190.5 µg/l total; 16 µg/l TCE; 110 µg/l *cis*-1,2-DCE)
- MW-35 (20.2 µg/l total; 5.7 µg/l TCE; 5.7 µg/l *cis*-1,2-DCE)

Although the concentrations fluctuate somewhat, the impacted groundwater appears to continue on along the same flow line through:

- MW-36 (29.9 µg/l total; 13 µg/l TCE; 6.6 µg/l *cis*-1,2-DCE)
- MW-38 (26.7 µg/l total; 19 µg/l TCE; 0.5 µg/l *cis*-1,2-DCE)
- MW-20 (15.7 µg/l total; 6.4 µg/l TCE; 5.2 µg/l *cis*-1,2-DCE)

A similar trend is apparent in the results from wells at the southern end of the PRB:

- MW-31 (155 µg/l total; 48 µg/l TCE; 99 µg/l *cis*-1,2-DCE)
- MW-32 (171.7 µg/l total; 75 µg/l TCE; 91 µg/l *cis*-1,2-DCE)
- MW-37 (133.4 µg/l total; 81 µg/l TCE; 50 µg/l *cis*-1,2-DCE)

In both cases, CVOCs were detected in samples from wells that are sidegradient of the original source and presumably were outside the area to be treated (i.e., not impacted) by the PRB, which was designed to cover the entire breadth of the affected groundwater plume. Based on the retardation calculations, both plumes appear to be migrating at roughly the same rate.

Between the “two” plumes near the center of the PRB is an area of relatively clean (i.e., low CVOC concentrations) groundwater. Concentrations of TCE (6.6 µg/l) and *cis*-1,2-DCE (13 µg/l) are present in samples from piezometer P-3; however, these concentrations are low given its location nearby wells MW-17 and P-8 and the former core of the affected groundwater plume (Sheet 4; Table 4). ESC Engineering believes, based on S&W’s characterization of the initial plume, that the compounds detected in these wells represent residual concentrations stemming from the shift of affected groundwater to the north and its replacement by relatively clean water from upgradient areas that appears to be moving (in the area around P-3) northward parallel to the barrier. Likewise, the relatively low concentrations of CVOCs (less than 20 µg/l total) in samples from MW-29, MW-30, and P-10, all of which are located within a few feet of the upgradient edge of the PRB, are likely residual concentrations left after the majority of the

affected groundwater passed through the PRB, over the top of the barrier, or was forced along the gradients formed on the sides of the groundwater mound as it grew over time. The sample results from well pairs located directly downgradient of the wall opposite these wells (i.e., MW-23, MW-24, MW-26, MW-27, and P-11) suggest that the CVOCs consist of only the breakdown products on the downgradient side of the wall. This may be due to partial dechlorination of CVOCs as affected groundwater passes through the wall or untreated groundwater that has flowed over the top of the barrier.

The formation of the groundwater mound in the center of the PRB treatment area is also likely responsible for the presence of trace petroleum-related compounds that likely originated from the northern end of the treatment area (i.e., from Quickway gasoline station and petroleum bulk storage facility) along the southern edge of the treatment area. Of particular note is the presence of MTBE in samples from wells MW-31, MW-32, and MW-37, which are all within the southern flow line where CVOC-affected groundwater appears to be migrating around the end of the barrier (Sheet 5; Table 4). The similarity in the pattern of petroleum and non-petroleum compounds suggests that, like the CVOCs, the MTBE was originally located upgradient of the PRB and was split and subsequently shifted to the south by the introduction of relatively clean groundwater along the center of the PRB as the groundwater mound formed. This supports the interpretation that the CVOCs detected in samples from the newly installed southern wells are the result of the same type of displacement by the mound rather than from a second, unrecognized source in the southern portion of the site. Unlike CVOCs, MTBE has a relatively high solubility in water and does not readily partition to the soil matrix resulting in a distinct separation of the two plumes with no residual concentrations in groundwater between the two plumes.

5.2 Updated Conceptual Site Model

The original CSM developed and validated by ESC Engineering in 2004 conjectured that CVOC-affected groundwater was bypassing the PRB around the ends and over the top of the barrier walls. The newly installed wells confirm the presence of CVOC-affected groundwater outside of the original treatment area as defined by S&W during the installation of the PRB. The elevation data provided by the new wells suggest that the CVOCs detected in these areas are indeed flowing around the edges of the barrier as depicted in Sheet 6. Based on this

interpretation and the data collected to date, the CSM can be summarized by the following fundamental components:

1. The natural groundwater flow across the site is from the east-northeast to the west-southwest.
2. The natural site gradient is approximately 0.0015 foot per foot, as approximated by measurements between wells MW-14 and MW-21.
3. The geology of the treatment area near the PRB consists of a generally thin (2 to 10 feet) veneer of silt or sandy silt underlain by up to 15 feet of silty or sandy coarse gravel, which in turn is underlain by silty clay encountered between 11 to 21 feet bgs.
4. Rough estimates for the hydraulic conductivity in the gravel unit ranges from 1.2E-04 to 2.8E-02 cm/s (0.34 to 79 ft/day), which are consistent with typical values reported in the literature and estimates derived from slug tests performed by S&W using onsite and offsite wells..
5. The underlying silty clay appears to be contiguous across the site and has an apparent thickness of at least two feet. Hydraulic conductivity estimates for the unit, 1.7E-06 to 2.6E-06 cm/s (4.8E-03 to 7.3E-03 ft/day), are approximately four orders of magnitude less than those for the overlying gravel unit suggesting that it is an effective aquitard.
6. The reported hydraulic conductivity of the PRB at the time of installation was 5E-02 cm/s (141 ft/day). The conductivity 4.5 years after installation was measured at 10 to 12 percent less due to the formation of a precipitate on the upgradient edge of the PRB wall.
7. A groundwater mound formed upgradient of the PRB after its installation in 1997 due to differences in the hydraulic conductivities of the formation and barrier.
8. The restriction in the flow of groundwater caused by the PRB has resulted in gradients across the barrier (e.g., MW-30 to MW-24) that are currently more than an order of magnitude above the overall site gradient.
9. The groundwater flow regime at each end of the PRB shows an alteration of the overall flow pattern. Groundwater flow is redirected around the edges of the wall.

10. The alteration of the groundwater flow in the northern area is more pronounced and is likely due to the added resistance to flow caused by the second, smaller PRB wall.
11. Groundwater is likely flowing over the top of the PRB.
12. The primary constituents of concern at the site are TCE, the *cis*- and *trans*-isomers of 1,2-DCE, 1,1,1-TCA, and vinyl chloride, all five of which were detected at concentrations above the evaluation criteria.
13. The formation of the groundwater mound has effectively split the CVOC-affected groundwater plume into two separate plumes located at either end of the PRB. The highest concentrations of CVOCs above the evaluation criteria are located near the ends of the PRB. The significantly lower concentrations of CVOCs in the center portion of the plume (i.e., MW-29, MW-30, P-10, and P-3) are likely residual concentrations resulting from the displacement of affected groundwater to either side of the groundwater mound.
14. Sample results from well pairs on either side of the center of the PRB indicate that CVOC concentrations are as high or higher in wells downgradient of the barrier when compared to the upgradient wells suggesting incomplete dechlorination of CVOCs in groundwater passing through the wall.
15. The majority of the CVOC-affected groundwater remains upgradient of the PRB and is located near MW-17 and P-8. The concentrations in these well samples are at least an order of magnitude higher than and detected concentration downgradient.
16. The presence of TCE breakdown products in the majority of groundwater samples collected indicates that natural attenuation is occurring at the site.
17. The BTEX and MTBE compounds detected in the groundwater samples are likely the result of a documented release in 1998 from the adjacent Quickway gasoline station and bulk petroleum storage facility where similar compounds were detected in groundwater. The petroleum compounds do not appear to be related to the fuel oil release at the former General Instruments site.
18. MTBE released from the nearby Quickway station has acted as a tracer in the southern area of the wall supporting the argument of CVOC displacement by the

groundwater mound rather than their transport to the area from a second, unrecognized source.

6.0 Conclusions and Recommendations

ESC Engineering believes that, based on the historical elevation and water quality data and the data obtained from the newly installed wells, the PRB is not treating all of the groundwater passing through the source area. The groundwater elevation and water quality data clearly demonstrate that some portion of the groundwater is not flowing through the wall and CVOC concentrations are present at concentrations above the evaluation criteria are present both north and south of the PRB outside of the original treatment area. These compounds are located along flow lines that indicate affected groundwater is flowing around the ends of the barrier.

The majority of the affected groundwater, however, remains near the historic source of the plume (i.e., near MW-17 and P-8) upgradient of the PRB. The total CVOC concentrations in these wells are 1 to 2 orders of magnitude greater than in any other well onsite. ESC Engineering believes that the CVOCs in these wells represent the most significant environmental issue at the site.

Reductive dechlorination is occurring. The presence of TCE breakdown products in samples collected from these wells suggest that the TCE is attenuating as it travels downgradient further reducing the need for additional treatment. The CVOC concentrations further downgradient of the barrier (e.g., MW-37, MW-38, MW-21), while somewhat higher than those directly adjacent to the wall, are low relative to the concentrations upgradient of the PRB and not significantly above the evaluation criteria.

Rather than continue investigating the performance of the PRB, ESC Engineering is proposing to redirect the focus of activities at the site to an evaluation of potential supplemental remedial technologies to aid in the treatment of the remaining CVOCs. The evaluation will be directed towards those areas where additional treatment will yield the greatest reductions in the CVOC mass: along the northern end of the PRB near the former core of the plume (i.e., near monitoring wells MW-17, MW-34, P-3, and P-8) and around the southern end of the wall (Sheet 4). ESC Engineering does not believe an evaluation of supplemental treatment options in other areas of the site are warranted: the residual concentrations of CVOCs present directly upgradient and downgradient of the center of the PRB are only slightly above the evaluation criteria, and thus (1) do not represent a significant risk to the environment, and (2) absent receptors in the area (there are no groundwater users downgradient of the site) pose no potential health risk.

ESC Engineering believes that this targeted approach will expedite the treatment of the bulk of the CVOCs and potentially avoid any additional problems that may arise from any future decrease in the PRB efficiency.

6.1 Schedule

ESC Engineering will prepare an alternatives analysis/pilot test work plan, which will include an evaluation of appropriate technologies that could be used to treat the CVOCs and the protocols for a field scale pilot test(s) to verify the selected technologies are effective for treatment of the residual concentrations of CVOCs at the Sherburne site. ESC Engineering will submit the work plan within 60 days of receiving approval of the revised approach from the NYSDEC.

7.0 References

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Figures and Sheets

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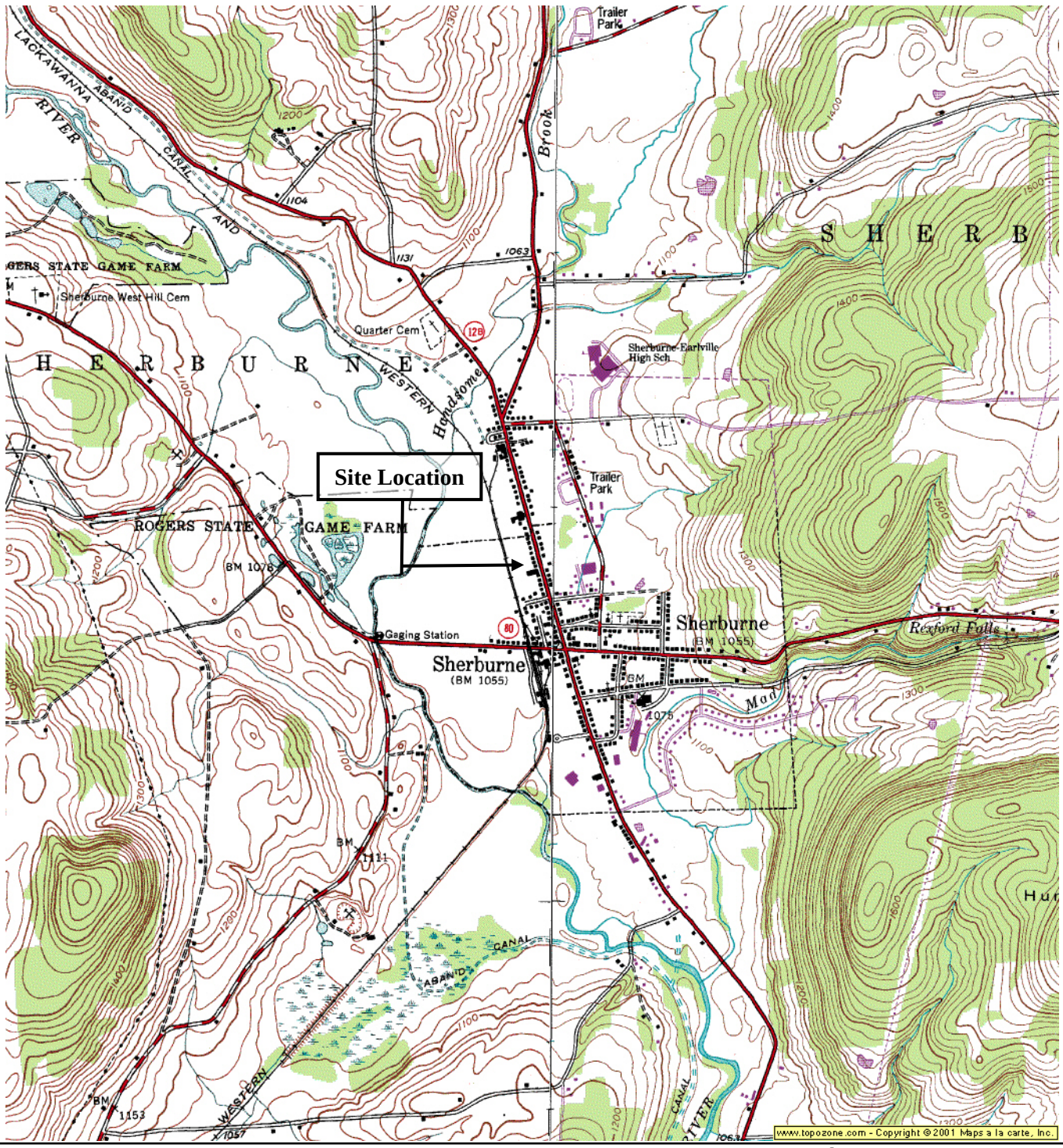

Reference
7.5 Minute Series Topographic Quadrangle
Earlville, New York
Photorevised 1988; Scale 1:25,000 Metric

N

Quadrangle Location

Scale in Meters
0 500 1000
0 1000 2000
Scale in Feet

ESC ENGINEERING OF NEW YORK, P.C.
5 SULLIVAN STREET
CAZENOVIA, NEW YORK 13035
315-655-3900

Figure 1
Site Location
Former General Instrument Corporation Site
Sherburne, New York

REVISIONS

REV	DESCRIPTION
1	Revised: Chkd: Appr.:
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SITE LAYOUT

FORMER GENERAL INSTRUMENT CORPORATON SITE
SHERBURNE, NEW YORK

PREPARED FOR
MORRIS, DOWNING & SHERRED, LLP
NEWTON, NEW JERSEY

ESC ENGINEERING OF NEW YORK, P.C.

SHEET 2

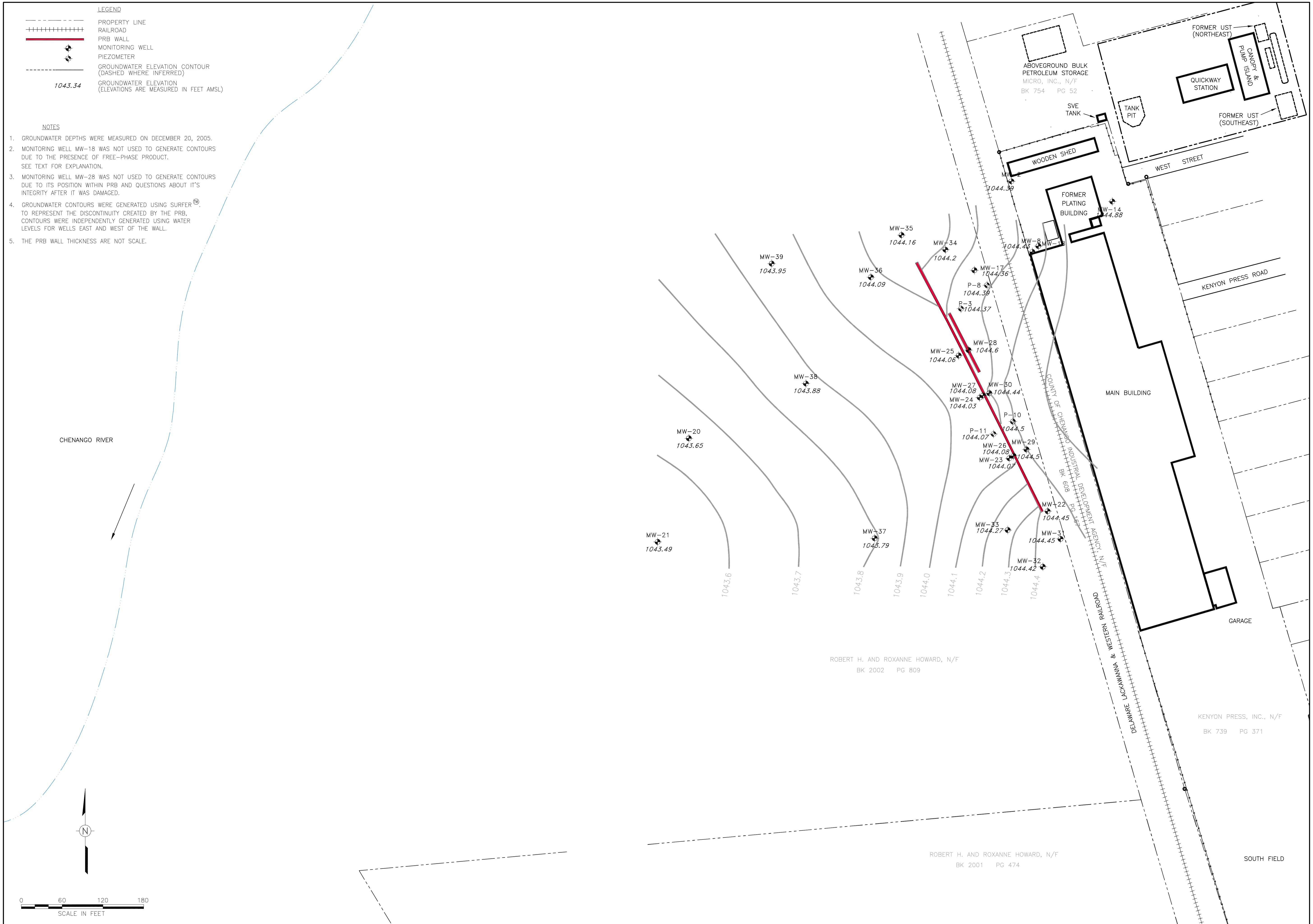
Drawing Number
14899220

LEGEND

- PROPERTY LINE
- RAILROAD
- PRB WALL
- MONITORING WELL
- PIEZOMETER
- GROUNDWATER ELEVATION CONTOUR (DASHED WHERE INFERRED)
- 1043.34 — GROUNDWATER ELEVATION (ELEVATIONS ARE MEASURED IN FEET AMSL)

NOTES

1. GROUNDWATER DEPTHS WERE MEASURED ON DECEMBER 20, 2005.
2. MONITORING WELL MW-18 WAS NOT USED TO GENERATE CONTOURS DUE TO THE PRESENCE OF FREE-PHASE PRODUCT. SEE TEXT FOR EXPLANATION.
3. MONITORING WELL MW-28 WAS NOT USED TO GENERATE CONTOURS DUE TO ITS POSITION WITHIN PRB AND QUESTIONS ABOUT IT'S INTEGRITY AFTER IT WAS DAMAGED.
4. GROUNDWATER CONTOURS WERE GENERATED USING SURFER(TM). TO REPRESENT THE DISCONTINUITY CREATED BY THE PRB, CONTOURS WERE INDEPENDENTLY GENERATED USING WATER LEVELS FOR WELLS EAST AND WEST OF THE WALL.
5. THE PRB WALL THICKNESS ARE NOT SCALE.



REVISIONS

REV	DESCRIPTION
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2	Revised: Chkd: Appr.:
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GROUNDWATER CONTOUR MAP
DECEMBER 2005

FORMER GENERAL INSTRUMENT CORPORATON SITE
SHERBURNE, NEW YORK

PREPARED FOR

MORRIS, DOWNING & SHERRED, LLP
NEWTON, NEW JERSEY

ESC ENGINEERING OF NEW YORK, P.C.

SHEET 3

Drawing Number
14899220

CRITERIA VOCS	EVALUATION (UG/L)
TETRACHLOROETHENE	5
TRICHLOROETHENE	5
1,1,1,-TRICHLOROETHANE	5
CIS-1,2-DICHLOROETHENE	5
TRANS-1,2-DICHLOROETHENE	5
1,1-DICHLOROETHANE	5
VINYL CHLORIDE	2

SAMPLE ID: VOCS (UG/L)	MW-2
TETRACHLOROETHENE	1.0 U
TRICHLOROETHENE	1.5
1,1,1-TRICHLOROETHANE	1.0 U
CIS-1,2-DICHLOROETHENE	3.2
TRANS-1,2-DICHLOROETHENE	1.0 U
1,1-DICHLOROETHANE	1.5
VINYL CHLORIDE	1.0 U

SAMPLE ID: VOCS (UG/L)	P-3
TETRACHLOROETHENE	1.0 U
TRICHLOROETHENE	**6.8**
1,1,1-TRICHLOROETHANE	1.0 U
CIS-1,2-DICHLOROETHENE	**13**
TRANS-1,2-DICHLOROETHENE	1.0 U
1,1-DICHLOROETHANE	1.0 U
VINYL CHLORIDE	**3.2**

SAMPLE ID: VOCS (UG/L)	MW-39	MW-36	MW-35	MW-34
TETRACHLOROETHENE	1.0 U	0.45 J	1.0 U	1.0 U
TRICHLOROETHENE	4.0	**13**	**5.7**	**16**
1,1,1-TRICHLOROETHANE	2.8	5.3	2.4	1.1
CIS-1,2-DICHLOROETHENE	1.0 U	**6.6**	**5.7**	**110 D**
TRANS-1,2-DICHLOROETHENE	1.0 U	1.0 U	1.0 U	0.67 J
1,1-DICHLOROETHANE	1.0 U	3.2	4.4	0.82 J
VINYL CHLORIDE	1.0 U	1.8	**2.0**	**63**

SAMPLE ID: VOCS (UG/L)	MW-8	MW-18
TETRACHLOROETHENE	1.0 U	NA
TRICHLOROETHENE	1.9	NA
1,1,1-TRICHLOROETHANE	1.0 U	NA
CIS-1,2-DICHLOROETHENE	0.92 J	NA
TRANS-1,2-DICHLOROETHENE	1.0 U	NA
1,1-DICHLOROETHANE	1.0 U	NA
VINYL CHLORIDE	1.0 U	NA

SAMPLE ID: VOCS (UG/L)	MW-17	P-8
TETRACHLOROETHENE	4.0 U	25 U
TRICHLOROETHENE	**15**	**680**
1,1,1-TRICHLOROETHANE	4.0 U	25 U
CIS-1,2-DICHLOROETHENE	**400**	**1,400**
TRANS-1,2-DICHLOROETHENE	4.0 U	25 U
1,1-DICHLOROETHANE	4.0 U	25 U
VINYL CHLORIDE	**61**	**16 J**

SAMPLE ID: VOCS (UG/L)	MW-25	MW-28
TETRACHLOROETHENE	1.0 U	NA
TRICHLOROETHENE	0.6 J	NA
1,1,1-TRICHLOROETHANE	1.0 U	NA
CIS-1,2-DICHLOROETHENE	**29**	NA
TRANS-1,2-DICHLOROETHENE	1.0 J	NA
1,1-DICHLOROETHANE	1.0 U	NA
VINYL CHLORIDE	**14**	NA

SAMPLE ID: VOCS (UG/L)	MW-38
TETRACHLOROETHENE	1.0 U
TRICHLOROETHENE	**19**
1,1,1-TRICHLOROETHANE	**6.0**
CIS-1,2-DICHLOROETHENE	0.5 J
TRANS-1,2-DICHLOROETHENE	1.0 U
1,1-DICHLOROETHANE	1.2
VINYL CHLORIDE	1.0 U

SAMPLE ID: VOCS (UG/L)	MW-24	MW-27	MW-30
TETRACHLOROETHENE	1.0 U	1.0 U	1.0 U
TRICHLOROETHENE	0.8 J	0.6 J	0.4 J
1,1,1-TRICHLOROETHANE	1.0 U	1.0 U	1.0 U
CIS-1,2-DICHLOROETHENE	1.8	1.4	0.4 J
TRANS-1,2-DICHLOROETHENE	1.0 U	1.0 U	1.0 U
1,1-DICHLOROETHANE	1.0 U	1.0 U	1.0 U
VINYL CHLORIDE	0.6 J	1.0	1.0 U

SAMPLE ID: VOCS (UG/L)	MW-20
TETRACHLOROETHENE	1.0 U
TRICHLOROETHENE	**6.4**
1,1,1-TRICHLOROETHANE	2.4
CIS-1,2-DICHLOROETHENE	**5.2**
TRANS-1,2-DICHLOROETHENE	1.0 U
1,1-DICHLOROETHANE	1.7
VINYL CHLORIDE	0.47 J

SAMPLE ID: VOCS (UG/L)	P-11	P-10
TETRACHLOROETHENE	1.0 U	1.0 U
TRICHLOROETHENE	1.0 U	3.3
1,1,1-TRICHLOROETHANE	1.0 U	1.0 U
CIS-1,2-DICHLOROETHENE	**12**	**16**
TRANS-1,2-DICHLOROETHENE	1.3	1.0 U
1,1-DICHLOROETHANE	1.0 U	1.0 U
VINYL CHLORIDE	**7.4**	1.0 U

SAMPLE ID: VOCS (UG/L)	MW-23	MW-26	MW-29
TETRACHLOROETHENE	1.0 U	1.0 U	1.0 U
TRICHLOROETHENE	0.9 J	0.5 J	0.9 J
1,1,1-TRICHLOROETHANE	1.0 U	1.0 U	1.0 U
CIS-1,2-DICHLOROETHENE	**8.0**	**43**	1.0 U
TRANS-1,2-DICHLOROETHENE	1.0 U	3.2	1.0 U
1,1-DICHLOROETHANE	1.0 U	1.0 U	1.0 U
VINYL CHLORIDE	0.8 J	1.0	1.0 U

SAMPLE ID: VOCS (UG/L)	MW-21
TETRACHLOROETHENE	1.0 U
TRICHLOROETHENE	**20**
1,1,1-TRICHLOROETHANE	1.4
CIS-1,2-DICHLOROETHENE	**18**
TRANS-1,2-DICHLOROETHENE	1.0 U
1,1-DICHLOROETHANE	0.85 J
VINYL CHLORIDE	1.0 U

SAMPLE ID: VOCS (UG/L)	MW-32	MW-31
TETRACHLOROETHENE	1.0 U	1.0 U
TRICHLOROETHENE	**75**	**48**
1,1,1-TRICHLOROETHANE	1.0 U	1.0 U
CIS-1,2-DICHLOROETHENE	**91**	**99**
TRANS-1,2-DICHLOROETHENE	**5.7**	**8.2**
1,1-DICHLOROETHANE	1.0 U	1.0 U
VINYL CHLORIDE	1.0 U	1.0 U

SAMPLE ID: VOCS (UG/L)	MW-37	MW-33	MW-22
TETRACHLOROETHENE	1.0 U	1.0 U	2.0 U
TRICHLOROETHENE	**81**	3.1	**13**
1,1,1-TRICHLOROETHANE	1.0 U	1.0 U	2.0 U
CIS-1,2-DICHLOROETHENE	**50**	**7.0**	**36**
TRANS-1,2-DICHLOROETHENE	2.4	1.0 U	1.8 J
1,1-DICHLOROETHANE	1.0 U	1.0 U	2.0 U
VINYL CHLORIDE	1.0 U	1.0 U	2.0 U

REVISIONS

REV	DESCRIPTION		
1	Revised:	Chkd:	Appr.:
2	Revised:	Chkd:	Appr.:
3	Revised:	Chkd:	Appr.:

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SITE RELATED CONSTITUENTS OF CONCERN (DECEMBER 2005)

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SHEET 4

Drawing Number
14899221

LEGEND

PROPERTY LINE
RAILROAD
PRB WALL
MONITORING WELL
PIEZOMETER

CRITERIA VOCS	EVALUATION (UG/L)
BENZENE	1
ETHYLBENZENE	5
XYLENES (TOTAL)	5
METHYL-TERT-BUTYL-ETHER	10 (c)

0 60 120 180
SCALE IN FEET

NOTES:
1. SAMPLE FROM SOUTHWEST CORNER OF THE QUICK WAY (NYSDEC SPILL # 9803207) SITE CONTAINED BENZENE (720 UG/L), ETHYLBENZENE (220 UG/l), XYLENES (1,000 UG/l), AND METHYL-TERT-BUTYL-ETHER (1,500 UG/L) IN NOVEMBER 1999. SEE TEXT AND APPENDIX A FOR EXPLANATION.
2. A SAMPLE FROM THE RECOVERY WELL IN THE NORTHWEST CORNER OF THE QUICK WAY (NYSDEC SPILL #9803207) SITE CONTAINED BENZENE (550 UG/L), ETHYLBENZENE (97 UG/L), XYLENES (440 UG/L) AND METHYL-TERT-BUTYL-ETHER (6.4 UG/L) IN APRIL 2004. SEE TEXT AND APPENDIX A FOR EXPLANATION.

CHENANGO RIVER

SAMPLE ID: VOCS (UG/L)	MW-20
BENZENE	1.0 U
ETHYLBENZENE	1.0 U
XYLENES (TOTAL)	3.0 U
METHYL-TERT-BUTYL-ETHER	8.5

SAMPLE ID: VOCS (UG/L)	MW-21
BENZENE	1.0 U
ETHYLBENZENE	1.0 U
XYLENES (TOTAL)	3.0 U
METHYL-TERT-BUTYL-ETHER	0.99 J

SAMPLE ID: VOCS (UG/L)	MW-38
BENZENE	1.0 U
ETHYLBENZENE	1.0 U
XYLENES (TOTAL)	3.0 U
METHYL-TERT-BUTYL-ETHER	35

SAMPLE ID: VOCS (UG/L)	MW-39	MW-36	MW-35	MW-34
BENZENE	1.0 U	1.0 U	1.0 U	1.0 U
ETHYLBENZENE	1.0 U	1.0 U	1.0 U	1.0 U
XYLENES (TOTAL)	3.0 U	3.0 U	1.1 BJ	3.0 U
METHYL-TERT-BUTYL-ETHER	5.4	28	28	1.4

SAMPLE ID: VOCS (UG/L)	MW-25	MW-28
BENZENE	1.0 U	NA
ETHYLBENZENE	0.5 J	NA
XYLENES (TOTAL)	3.0 U	NA
METHYL-TERT-BUTYL-ETHER	1.0 U	NA

SAMPLE ID: VOCS (UG/L)	MW-24	MW-27	MW-30
BENZENE	1.0 U	1.0 U	1.0 U
ETHYLBENZENE	1.0 U	1.0 U	1.0 U
XYLENES (TOTAL)	3.0 U	3.0 U	3.0 U
METHYL-TERT-BUTYL-ETHER	1.0 U	1.0 U	1.0 U

SAMPLE ID: VOCS (UG/L)	MW-23	MW-26	MW-29
BENZENE	1.0 U	1.0 U	1.0 U
ETHYLBENZENE	1.0 U	1.0 U	1.0 U
XYLENES (TOTAL)	3.0 U	3.0 U	3.0 U
METHYL-TERT-BUTYL-ETHER	1.0 U	1.0 U	1.0 U

SAMPLE ID: VOCS (UG/L)	MW-37	MW-33	MW-22
BENZENE	1.0 U	1.0 U	2.0 U
ETHYLBENZENE	1.0 U	1.0 U	2.0 U
XYLENES (TOTAL)	3.0 U	3.0 U	6.0 U
METHYL-TERT-BUTYL-ETHER	0.5 J	1.0 U	2.0 U

SAMPLE ID: VOCS (UG/L)	MW-32	MW-31
BENZENE	1.0 U	1.0 U
ETHYLBENZENE	1.0 U	1.0 U
XYLENES (TOTAL)	3.0 U	3.0 U
METHYL-TERT-BUTYL-ETHER	2.5	2.4

SAMPLE ID: VOCS (UG/L)	MW-2
BENZENE	1.0 U
ETHYLBENZENE	1.0 U
XYLENES (TOTAL)	3.0 U
METHYL-TERT-BUTYL-ETHER	3.2

SAMPLE ID: VOCS (UG/L)	P-3
BENZENE	1.0 U
ETHYLBENZENE	1.0 U
XYLENES (TOTAL)	3.0 U
METHYL-TERT-BUTYL-ETHER	1.0 U

SAMPLE ID: VOCS (UG/L)	MW-8	MW-18
BENZENE	4.0 U	NA
ETHYLBENZENE	4.0 U	NA
XYLENES (TOTAL)	12 U	NA
METHYL-TERT-BUTYL-ETHER	4.0 U	NA

SAMPLE ID: VOCS (UG/L)	MW-17	P-8
BENZENE	4.0 U	25 U
ETHYLBENZENE	4.0 U	25 U
XYLENES (TOTAL)	12 U	75 U
METHYL-TERT-BUTYL-ETHER	4.0 U	25 U

SAMPLE ID: VOCS (UG/L)	P-11	P-10
BENZENE	1.0 U	1.0 U
ETHYLBENZENE	1.0 U	1.0 U
XYLENES (TOTAL)	3.0 U	3.0 U
METHYL-TERT-BUTYL-ETHER	1.0 U	1.0 U

ABOVEGROUND BULK PETROLEUM STORAGE
, N/F
PG 52
FORMER UST (NORTHEAST)
CANOPY & PUMP ISLAND
QUICKWAY STATION
FORMER UST (SOUTHEAST)
SVE TANK
TANK PIT
WOODEN SHED
WEST STREET
FORMER PLATING BUILDING
KENYON PRESS ROAD
COUNTY OF CHENANGO INDUSTRIAL DEVELOPMENT AGENCY, N/F
BK 608 PG 167
DELAWARE LACKAWANNA & WESTERN RAILROAD
MAIN BUILDING
GARAGE
SOUTH FIELD
ROBERT H. AND ROXANNE HOWARD, N/F
BK 2002 PG 809
ROBERT H. AND ROXANNE HOWARD, N/F
BK 2001 PG 474
KENYON PRESS, INC., N/F
BK 739 PG 371

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REV	DESCRIPTION	DATE
1	Revised	Approved
2	Revised	Approved
3	Revised	Approved

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PETROLUEM RELATED COMPOUNDS OF CONCERN (DECEMBER 2005)

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SHERBURNE, NEW YORK

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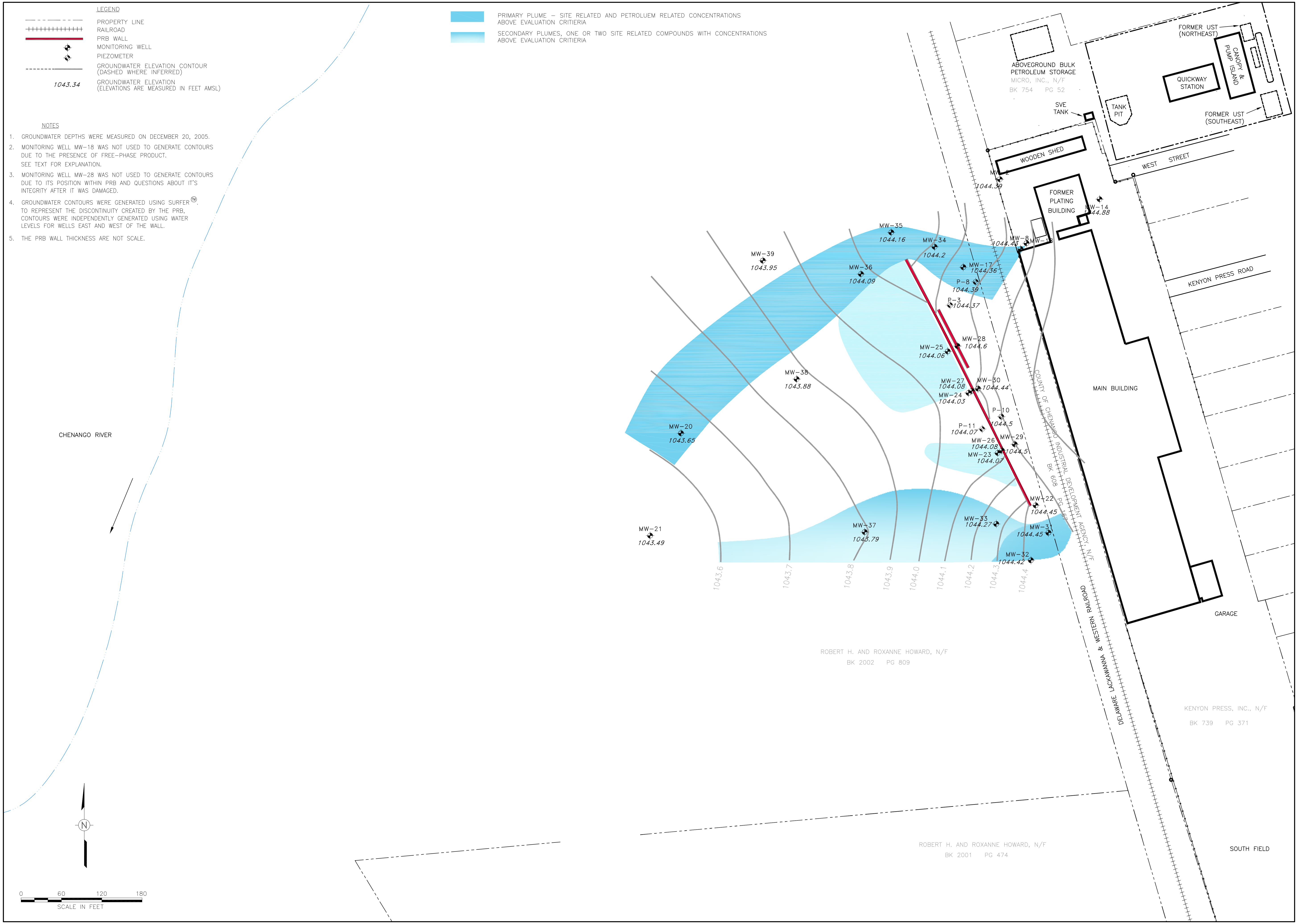
SHEET 5

Drawing Number
14899221



REVISIONS

REV	DESCRIPTION
1	
2	
3	

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CONCEPTUAL SITE MODEL

FORMER GENERAL INSTRUMENT CORPORATON SITE
SHERBURNE, NEW YORK

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SHEET 6

Drawing Number
14899220

Tables

Table 1

Grain Size Analysis and Estimate of Hydraulic Conductivity
Former General Instrument Corporation Site
Sherburne, New York
November 2005 (a)

Well ID	Sample ID	USCS Symbol	d_{10}	Estimated Hydralic Conductivity	
			mm	cm/s	ft/day
MW-31	MW31050	sm	0.012	0.00014	0.41
MW-32	MW32110	gm	0.011	0.00012	0.34
MW-34	MW34105	gp-gm	0.074	0.0055	15.5
MW-34	MW34150	cl	0.0013 (b)	0.0000017	0.0048
MW-35	MW35090	gm	0.011	0.00012	0.34
MW-36	MW36088	gp-gm	0.167	0.028	79.1
MW-36	MW36125	gp-gm	0.077	0.0059	16.8
MW-37	MW37120	gp-gm	0.12	0.014	40.8
MW-37	MW37150	cl	0.0016	0.0000026	0.0073
MW-38	MW38110	gw-gm	0.042	0.0018	5.0
MW-39	MW39105	gp-gm	0.1	0.01	28.3

a/ USCS = Unified Soil Classification System; mm = millimeters; cm/s = centimeters per second; ft/day = feet per day; d_{10} = grain size diameter at which 10-percent (by weight) of the soil is finer and 90-percent is coarser; hydraulic conductivities were estimated using Hazen's power-law relationship. See text for explanation.

b/ Greater than 10 percent of the sample was smaller than the smallest sieve size used in the grain size analysis.

Table 2

Soil Organic Carbon Analysis
Former General Instruments Corporation Site
Sherburne, New York
November 2005 (a)

Sample Location:	**MW-31**	**MW-31 (b)**	**MW-32**	**MW-33**	**MW-34**	**MW-35**	**MW-36**	**MW-36**	**MW-37**	**MW-38**	**MW-39**
Sample ID:	**MW31050**	**MW92050**	**MW32050**	**MW33060**	**MW34070**	**MW35050**	**MW36080**	**MW36170**	**MW37070**	**MW38070**	**MW39090**
Sample Depth (ft bgs):	**5-7**	**5-7**	**5-7**	**6-8**	**7-9**	**5-7**	**8-10**	**17-19**	**7-9**	**7-9**	**9-11**
T_{oc} (mg/kg)	1,100	980	1,500	1,400	1,700	1,700	19,000	32,000	1,300	6,100	2,600
f_{oc} (percent)	0.11	0.098	0.15	0.14	0.17	0.17	1.9	3.2	0.13	0.61	0.26
TCE Retardation	1.1	1.1	1.2	1.2	1.2	1.2	1.3	5.2	1.2	1.8	1.3

a/ ft bgs = feet below ground surface; T_{oc} = total organic carbon; f_{oc} = fraction of organic carbon (expressed as percent); TCE = trichloroethene.

b/ Sample MW92050 is a blind duplicate of sample MW31050 collected from 5 to 7 feet bgs at the location of monitoring well MW-31.

c/ TCE retardation is a unitless factor calculated from the fraction of organic carbon. Calculated values were rounded to two significant digits. See text for explanation.

Table 3

Groundwater Elevations
Former General Instrument Corporation Site
Sherburne, New York
June 2004 through December 2005 (a)

			June 2004			November 2004			June 2005			December 2005		
Well ID	Ground Elevation	Reference Elevation	Depth To Water	Groundwater Elevation	Depth Below Ground Surface	Depth To Water	Groundwater Elevation	Depth Below Ground Surface	Depth To Water	Groundwater Elevation	Depth Below Ground Surface	Depth To Water	Groundwater Elevation	Depth Below Ground Surface
MW-2	1,048.46	1,050.07	5.98	1,044.09	4.37	5.89	1,044.18	4.28	6.77	1,043.30	5.16	5.68	1,044.39	4.07
MW-8	1,048.44 (d)	1,048.13 (d)	6.24	1,044.26	4.10	6.17	1,044.33	4.03	7.12	1,043.38	4.98	3.70	1,044.43	4.01
MW-14	1,049.63	1,049.67	NM	-	-	4.99	1,044.68	4.95	5.78	1,043.89	5.74	4.79	1,044.88	4.75
MW-17	1,047.85	1,050.74	6.67	1,044.07	3.78	6.60	1,044.14	3.71	7.46	1,043.28	4.57	6.38	1,044.36	3.49
MW-18 (b)	1,048.45	1,047.84	3.69	1,044.15	4.30	3.67	1,044.17	4.28	4.53	1,043.31	5.14	NM	-	-
MW-20	1,046.15	1,049.20	5.86	1,043.34	2.81	5.72	1,043.48	2.67	6.73	1,042.47	3.68	5.55	1,043.65	2.50
MW-21	1,047.70	1,049.97	6.84	1,043.13	4.57	6.70	1,043.27	4.43	7.70	1,042.27	5.43	6.48	1,043.49	4.21
MW-22	1,048.09	1,051.24	7.11	1,044.13	3.96	7.05	1,044.19	3.90	7.84	1,043.40	4.69	6.79	1,044.45	3.64
MW-23	1,047.67	1,050.84	7.09	1,043.75	3.92	7.00	1,043.84	3.83	7.88	1,042.96	4.71	6.77	1,044.07	3.60
MW-24	1,048.02	1,051.13	7.41	1,043.72	4.30	7.31	1,043.82	4.20	8.24	1,042.89	5.13	7.10	1,044.03	3.99
MW-25	1,047.99	1,051.16	7.40	1,043.76	4.23	7.31	1,043.85	4.14	8.20	1,042.96	5.03	7.10	1,044.06	3.93
MW-26	1,047.94	1,051.04	7.29	1,043.75	4.19	7.19	1,043.85	4.09	8.08	1,042.96	4.98	6.96	1,044.08	3.86
MW-27	1,047.93	1,051.07	7.34	1,043.73	4.20	7.23	1,043.84	4.09	8.11	1,042.96	4.97	6.99	1,044.08	3.85
MW-28	1,047.94	1,051.02	6.96	1,044.06	3.88	6.82	1,044.20	3.74	7.73	1,043.29	4.65	6.42	1,044.60	3.34
MW-29	1,047.23	1,049.37	5.14	1,044.23	3.00	5.10	1,044.27	2.96	5.89	1,043.48	3.75	4.87	1,044.50	2.73
MW-30	1,047.72	1,049.90	5.74	1,044.16	3.56	5.68	1,044.22	3.50	6.50	1,043.40	4.32	5.46	1,044.44	3.28
MW-31 (c)	1,048.40	1,050.54	-	-	-	-	-	-	-	-	-	6.09	1,044.45	3.95
MW-32 (c)	1,047.42	1,048.92	-	-	-	-	-	-	-	-	-	4.50	1,044.42	3.00
MW-33 (c)	1,047.03	1,049.13	-	-	-	-	-	-	-	-	-	4.86	1,044.27	2.76
MW-34 (c)	1,046.39	1,048.38	-	-	-	-	-	-	-	-	-	4.18	1,044.20	2.19
MW-35 (c)	1,047.32	1,049.85	-	-	-	-	-	-	-	-	-	5.69	1,044.16	3.16
MW-36 (c)	1,046.80	1,048.06	-	-	-	-	-	-	-	-	-	3.97	1,044.09	2.71
MW-37 (c)	1,047.70	1,049.50	-	-	-	-	-	-	-	-	-	5.71	1,043.79	3.91
MW-38 (c)	1,047.50	1,049.61	-	-	-	-	-	-	-	-	-	5.73	1,043.88	3.62
MW-39 (c)	1,047.36	1,049.31	-	-	-	-	-	-	-	-	-	5.36	1,043.95	3.41
P-3	1,047.83	1,050.25	6.16	1,044.09	3.74	6.09	1,044.16	3.67	6.95	1,043.30	4.53	5.88	1,044.37	3.46
P-8	1,048.81	1,051.32	7.23	1,044.09	4.72	7.13	1,044.19	4.62	8.01	1,043.31	5.50	6.93	1,044.39	4.42
P-10	1,047.60	1,049.64	5.42	1,044.22	3.38	5.37	1,044.27	3.33	6.17	1,043.47	4.13	5.14	1,044.50	3.10
P-11	1,047.46	1,049.60	5.85	1,043.75	3.71	5.75	1,043.85	3.61	6.64	1,042.96	4.50	5.53	1,044.07	3.39

a/ All measurements in feet, elevations are feet above Mean Sea Level; NM = not measured.
b/ Monitoring well MW-18 contained 0.11 feet of free-phase product in June and November 2004 and 0.17 feet of free-phase product in June 2005.
c/ Wells MW-31 through MW-39 were installed between November 17 and 22, 2005.
d/ The well head at MW-8 was converted to a flush-mount pad on June 8, 2005. The original ground elevation before conversion was 1048.36 feet, and the original reference elevation was 1050.50

Table 4

Groundwater Sampling Results
Former General Instrument Corporation Site
Sherburne, New York
December 20 through 22, 2005 (a)

Sample ID:	Evaluation Criteria (b)	MW-2	MW-8	MW-8(DUP) (c)	MW-17	MW-18 (d)
VOCs (µg/l)						
Benzene	1	1.0 U	**1.8**	**1.6**	4.0 U	NA
1,1-Dichloroethane	5	1.5	1.0 U	1.0 U	4.0 U	NA
cis-1,2-Dichloroethene	5	3.2	0.92 J	0.78 J	**400**	NA
trans-1,2-Dichloroethene	5	1.0 U	1.0 U	1.0 U	4.0 U	NA
Ethylbenzene	5	1.0 U	1.0 U	1.0 U	4.0 U	NA
Isopropylbenzene	5	1.0 U	1.0 U	1.0 U	4.0 U	NA
Methyl-tert-butyl-ether	10	3.2	1.8	1.7	4.0 U	NA
Naphthalene	10	1.0 U	0.53 J	0.52 J	4.0 U	NA
Tetrachloroethene	5	1.0 U	1.0 U	1.0 U	4.0 U	NA
1,1,1-Trichloroethane	5	1.0 U	1.0 U	1.0 U	4.0 U	NA
Trichloroethene	5	1.5	1.9	1.8	**15**	NA
Vinyl chloride	2	1.0 U	1.0 U	1.0 U	**61**	NA
Xylenes (total)	5	3.0 U	3.0 U	3.0 U	12 U	NA
Sample ID:	**Evaluation Criteria (b)**	**MW-20**	**MW-21**	**MW-22**	**MW-23**	**MW-24**
VOCs (µg/l)						
Benzene	1	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U
1,1-Dichloroethane	5	1.7	0.85 J	2.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	5	**5.2**	**18**	**36**	**8.0**	1.8
trans-1,2-Dichloroethene	5	1.0 U	1.0 U	1.8 J	1.0 U	1.0 U
Ethylbenzene	5	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U
Isopropylbenzene	5	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U
Methyl-tert-butyl-ether	10	8.5	0.99 J	2.0 U	1.0 U	1.0 U
Naphthalene	10	1.0 UJ	1.0 U	2.0 U	1.0 U	1.0 U
Tetrachloroethene	5	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U
1,1,1-Trichloroethane	5	2.4	1.4	2.0 U	1.0 U	1.0 U
Trichloroethene	5	**6.4**	**20**	**13**	0.9 J	0.8 J
Vinyl chloride	2	0.47 J	1.0 U	2.0 U	0.8 J	0.6 J
Xylenes (total)	5	3.0 U	3.0 U	6.0 U	3.0 U	3.0 U

Table 4

Groundwater Sampling Results
Former General Instrument Corporation Site
Sherburne, New York
December 20 through 22, 2005 (a)

Sample ID:	Evaluation Criteria (b)	MW-25	MW-26	MW-27	MW-28 (e)	MW-29
VOCs (µg/l)						
Benzene	1	1.0 U	1.0 U	1.0 U	NA	1.0 U
1,1-Dichloroethane	5	1.0 U	1.0 U	1.0 U	NA	1.0 U
cis-1,2-Dichloroethene	5	**29**	**43**	1.4	NA	1.0 U
trans-1,2-Dichloroethene	5	1.0 J	3.2	1.0 U	NA	1.0 U
Ethylbenzene	5	0.5 J	1.0 U	1.0 U	NA	1.0 U
Isopropylbenzene	5	0.6 J	1.0 U	1.0 U	NA	1.0 U
Methyl-tert-butyl-ether	10	1.0 U	1.0 U	1.0 U	NA	1.0 U
Naphthalene	10	1.0 U	1.0 U	1.0 U	NA	1.0 U
Tetrachloroethene	5	1.0 U	1.0 U	1.0 U	NA	1.0 U
1,1,1-Trichloroethane	5	1.0 U	1.0 U	1.0 U	NA	1.0 U
Trichloroethene	5	0.6 J	0.5 J	0.6 J	NA	0.9 J
Vinyl chloride	2	**14**	1.0	1.0	NA	1.0 U
Xylenes (total)	5	3.0 U	3.0 U	3.0 U	NA	3.0 U
Sample ID:	**Evaluation Criteria (b)**	**MW-30**	**MW-31**	**MW-32**	**MW-33**	**MW-34**
VOCs (µg/l)						
Benzene	1	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	5	1.0 U	1.0 U	1.0 U	1.0 U	0.82 J
cis-1,2-Dichloroethene	5	0.4 J	**99**	**91**	**7.0**	**110** D
trans-1,2-Dichloroethene	5	1.0 U	**8.2**	**5.7**	1.0 U	0.67 J
Ethylbenzene	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropylbenzene	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl-tert-butyl-ether	10	1.0 U	2.4	2.5	1.0 U	1.4
Naphthalene	10	1.0 U	1.0 U	1.0 UJ	1.0 UJ	1.0 U
Tetrachloroethene	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,1-Trichloroethane	5	1.0 U	1.0 U	1.0 U	1.0 U	1.1
Trichloroethene	5	0.4 J	**48**	**75**	3.1	**16**
Vinyl chloride	2	1.0 U	1.0 U	1.0 U	1.0 U	**63**
Xylenes (total)	5	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U

Table 4

Groundwater Sampling Results
Former General Instrument Corporation Site
Sherburne, New York
December 20 through 22, 2005 (a)

Sample ID:	Evaluation Criteria (b)	MW-35	MW-35(DUP) (c)	MW-36	MW-37	MW-38
VOCs (µg/l)						
Benzene	1	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	5	4.4	4.3	3.2	1.0 U	1.2
cis-1,2-Dichloroethene	5	**5.7**	**5.9**	**6.6**	**50**	0.5 J
trans-1,2-Dichloroethene	5	1.0 U	1.0 U	1.0 U	2.4	1.0 U
Ethylbenzene	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropylbenzene	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl-tert-butyl-ether	10	**28**	**28**	**26**	0.5 J	**35**
Naphthalene	10	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U	1.0 U
Tetrachloroethene	5	1.0 U	1.0 U	0.45 J	1.0 U	1.0 U
1,1,1-Trichloroethane	5	2.4	2.3	**5.3**	1.0 U	**6.0**
Trichloroethene	5	**5.7**	**5.6**	**13**	**81**	**19**
Vinyl chloride	2	2.0	1.7	1.8	1.0 U	1.0 U
Xylenes (total)	5	1.1 BJ	3.0 U	3.0 U	3.0 U	3.0 U
Sample ID:	**Evaluation Criteria (b)**	**MW-39**	**P-3**	**P-8**	**P-10**	**P-11**
VOCs (µg/l)						
Benzene	1	1.0 U	1.0 U	25 U	1.0 U	1.0 U
1,1-Dichloroethane	5	1.0 U	1.0 U	25 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	5	1.0 U	**13**	**1,400**	**16**	**12**
trans-1,2-Dichloroethene	5	1.0 U	1.0 U	25 U	1.0 U	1.3
Ethylbenzene	5	1.0 U	1.0 U	25 U	1.0 U	1.0 U
Isopropylbenzene	5	1.0 U	1.0 U	25 U	1.0 U	1.0 U
Methyl-tert-butyl-ether	10	5.4	1.0 U	25 U	1.0 U	1.0 U
Naphthalene	10	1.0 UJ	1.0 U	25 U	1.0 U	1.0 U
Tetrachloroethene	5	1.0 U	1.0 U	25 U	1.0 U	1.0 U
1,1,1-Trichloroethane	5	2.8	1.0 U	25 U	1.0 U	1.0 U
Trichloroethene	5	4.0	**6.8**	**680**	3.3	1.0 U
Vinyl chloride	2	1.0 U	**3.2**	**16** J	1.0 U	**7.4**
Xylenes (total)	5	3.0 U	3.0 U	75 U	3.0 U	3.0 U

a/ VOCs = volatile organic compounds; µg/l = micrograms per liter; ND = compound not detected at or above the reporting limit; J = estimated value; D = compound identified in analysis at the secondary dilution factor; NA = not analyzed; bolded values exceed evaluation criteria.

b/ Evaluation criteria are the New York State Ambient Water Quality Standards or Guidance Values for Class GA groundwater provided in the New York State Department of Environmental Conservation Division of Water Technical and Operational Guidance Series (1.1.1), dated June 1998, and the April 2000 Addendum.

c/ MW-8(DUP) was designated MW-100 in the field for blind duplicate analysis. MW-35(DUP) was designated MW-101 in the field for blind duplicate analysis.

d/ MW-18 was not sampled due to the presence of free-phase product. See text for explanation.

e/ MW-28 was not sampled because the well is damaged.

Table 5

Historic Groundwater Sampling Results
Former General Instrument Corporation Site
Sherburne, New York
June 2004 through December 2005 (a)

Well ID	Date	Acetone	Benzene	Cyclohexane	1,1-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Ethylbenzene	Isopropylbenzene	Methylcyclohexane	Methylene chloride	Methyl-tert-butyl-ether	Naphthalene	Tetrachloroethene	Toluene	1,1,1-Trichloroethane	Trichloroethene	Vinyl chloride	Total Xylenes
Evaluation Criteria (b)		**50 (d)**	**1**	**(c)**	**5**	**5**	**5**	**5**	**5**	**5**	**(c)**	**5**	**10**	**10**	**5**	**5**	**5**	**5**	**2**	**5**
MW-2	Jun-04	5.0 U	1.0 U	1.0 U	2.1	1.0 U	3.9	1.6	1.0 U	0.24 J	0.76 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.8	1.0 U	3.0 U
	Nov-04	5.0 U	1.0 U	1.0 U	3.2	1.0 U	3.6	1.9	1.0 U	1.0 U	0.4 J	1.0 U	9.8	1.0 U	1.0 U	1.0 U	1.0 U	0.58 J	1.0 U	3.0 U
	Jun-05	5.0 U	1.0 U	1.0 U	3.1	1.0 U	1.5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**11.0**	1.0 U	1.0 U	1.0 U	1.0 U	0.6 J	0.6 J	3.0 U
	Dec-05	5.0 U	1.0 U	1.0 U	1.5	1.0 U	3.2	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	3.2	1.0 U	1.0 U	1.0 U	1.0 U	1.5	1.0 U	3.0 U
MW-8	Jun-04	5.0 U	0.8 J	0.24 J	0.42 J	1.0 U	0.84 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.2	1.0 U	1.0 U	1.0 U	1.0 U	1.8	1.0 U	3.0 U
	Nov-04	5.0 U	0.44 J	1.0 U	0.52 J	1.0 U	0.8 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.1	1.0 U	1.0 U	1.0 U	1.0 U	2.6	1.0 U	3.0 U
	Jun-05	5.0 U	**2.2**	0.3 J	0.7 J	1.0 U	1.2	1.0 U	1.0 U	0.3 J	1.0 U	1.0 U	3.0	2.6	1.0 U	1.0 U	1.0 U	1.0	0.6 J	0.8 J
	Dec-05	5.0 U	**1.8**	1.0 U	1.0 U	1.0 U	0.92 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.8	0.53 J	1.0 U	1.0 U	1.0 U	1.9	1.0 U	3.0 U
MW-8(DUP) (e)	Dec-05	5.0 U	**1.6**	1.0 U	1.0 U	1.0 U	0.78 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.7	0.52 J	1.0 U	1.0 U	1.0 U	1.8	1.0 U	3.0 U
MW-17	Jun-04	5.0 U	0.73 J	1.0 U	0.45 J	0.96 J	**510** D	3.6	1.0 U	1.0 U	1.0 U	1.0 U	8.4	1.0 U	1.0 U	1.0 U	0.58 J	**26**	**120** D	3 U
	Nov-04	100 U	20 U	20 U	20 U	20 U	**420**	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	**26**	**98**	60 U
	Jun-05	100 U	20 U	20 U	20 U	20 U	**1700** D	**7.2** J	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	**19** J	**380**	60 U
	Dec-05	20 U	4.0 U	4.0 U	4.0 U	4.0 U	**400**	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U	**15**	**61**	12 U
MW-18 (d)	Jun-04	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Nov-04	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jun-05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Dec-05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-20	Jun-04	5.0 U	1.0 U	1.0 U	2.9	1.0 U	**7.5**	0.38 J	1.0 U	1.0 U	1.0 U	1.0 U	1.9	1.0 U	1.0 U	1.0 U	2.0	3.3	1.6	3.0 U
	Nov-04	5.0 U	1.0 U	1.0 U	3.3	1.0 U	**6.9**	0.46 J	1.0 U	1.0 U	1.0 U	1.0 U	9.8	1.0 U	1.0 U	1.0 U	1.8	4.2	1.8	3.0 U
MW-20(DUP) (e)	Nov-04	5.0 U	1.0 U	1.0 U	3.2	1.0 U	**6.9**	0.45 J	1.0 U	1.0 U	1.0 U	1.0 U	9.5	1.0 U	1.0 U	1.0 U	1.9	4.5	1.8	3.0 U
	Jun-05	5.0 U	1.0 U	1.0 U	2.7	1.0 U	**8.4**	0.4 J	1.0 U	1.0 U	1.0 U	1.0 U	5.6	1.0 U	1.0 U	1.0 U	2.7	**6.9**	**2.4**	3.0 U
	Dec-05	5.0 U	1.0 U	1.0 U	1.7	1.0 U	**5.2**	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	8.5	1.0 UJ	1.0 U	1.0 U	2.4	**6.4**	0.47 J	3.0 U
MW-21	Jun-04	5.0 U	1.0 U	1.0 U	3.4	1.0 U	**87** D	0.48 J	1.0 U	1.0 U	1.0 U	1.0 U	2.4	1.0 U	0.34 J	1.0 U	4.8	**100** D	**12**	3.0 U
	Nov-04	20 U	4.0 U	4.0 U	3.4 J	4.0 U	**83**	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U	7.8	4.0 U	4.0 U	4.0 U	4.3	**88**	4.0 U	12.0 U
	Jun-05	10.0 U	2.0 U	2.0 U	2.9	2.0 U	**72**	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	6.0	2.0 U	2.0 U	2.0 U	4.8	**59** D	**4.4**	6.0 U
	Dec-05	5.0 U	1.0 U	1.0 U	0.85 J	1.0 U	**18**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 J	1.0 U	1.0 U	1.0 U	1.4	**20**	1.0 U	3.0 U
MW-22	Jun-04	20 U	4.0 U	4.0 U	4.0 U	4.0 U	**90**	**5.6**	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U	**25**	4.0 U	12.0 U
	Nov-04	20 U	4.0 U	4.0 U	4.0 U	4.0 U	**110**	**8.6**	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U	**33**	4.0 U	12.0 U
	Jun-05	10.0 U	2.0 U	2.0 U	2.0 U	2.0 U	**70**	2.5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	**19**	2.0 U	6.0 U
	Dec-05	10 U	2.0 U	2.0 U	2.0 U	2.0 U	**36**	1.8 J	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	**13**	2.0 U	6.0 U
MW-23	Jun-04	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**22**	1.3	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.9	1.7	1.0 U
	Nov-04	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**23**	1.4	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.2	**2.6**	3.0 U
	Jun-05	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**13**	0.76 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.6	**2.0**	3.0 U
	Dec-05	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**8.0**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.86 J	0.77 J	3.0 U
MW-24	Jun-04	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.75 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.41 J	1.0 U	1.0 U
	Nov-04	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.3	0.47 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.33 J	1.2	3.0 U
	Jun-05	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0	0.32 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.5 J	1.0 U	3.0 U
	Dec-05	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.8	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.77 J	0.62 J	3.0 U

Table 5

Historic Groundwater Sampling Results
Former General Instrument Corporation Site
Sherburne, New York
June 2004 through December 2005 (a)

Well ID	Date	Acetone	Benzene	Cyclohexane	1,1-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Ethylbenzene	Isopropylbenzene	Methylcyclohexane	Methylene chloride	Methyl-tert-butyl-ether	Naphthalene	Tetrachloroethene	Toluene	1,1,1-Trichloroethane	Trichloroethene	Vinyl chloride	Total Xylenes
Evaluation Criteria (b)		**50 (d)**	**1**	**(c)**	**5**	**5**	**5**	**5**	**5**	**5**	**(c)**	**5**	**10**	**10**	**5**	**5**	**5**	**5**	**2**	**5**
MW-25	Jun-04	5.0 U	0.35 J	2.3	1.0 U	1.0 U	**7.6**	0.44 J	1.0 U	**6.1**	3.0	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0	**3.6**	**7.8**
	Nov-04	5.0 U	0.68 J	1.4	1.0 U	0.24 J	**26**	1.7	3.1	2.7	3.6	1.0 U	0.6 J	2.7	1.0 U	0.4 J	1.0 U	0.27 J	**19**	1.3 J
	Jun-05	5.0 U	0.4 J	1.5	1.0 U	0.2 J	**26**	0.86 J	3.8	2.8	2.9	1.0 U	1.0 U	5.4	1.0 U	1.0 U	1.0 U	0.7 J	**15**	2.0 J
	Dec-05	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**29**	1.0 J	0.50 J	0.64 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.58 J	**14**	3.0 U
MW-26	Jun-04	5.0 U	1.0 U	1.0 U	1.0	1.0 U	**49** D	4.2	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0	1.4	3.0 U
	Nov-04	10 U	2.0 U	2.0 U	2.0 U	2.0 U	**60**	**5.6**	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	1.4 J	**2.0**	6.0 U
	Jun-05	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**39** D	2.9	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.6	1.7	3.0 U
	Dec-05	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**43**	3.2	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.54 J	1.0	3.0 U
MW-27	Jun-04	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**2.3**	3.0 U
MW-27(DUP) (e)	Jun-04	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**2.9**	3.0 U
	Nov-04	4.8 J	0.44 J	1.0 U	1.0 U	1.0 U	1.1	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**2.6**	3.0 U
	Jun-05	5.0 U	0.3 J	1.0 U	1.0 U	1.0	**9.7**	0.4 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**8.8**	**12.0**	3.0 U
	Dec-05	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.4	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.59 J	1.0	3.0 U
MW-28 (f)	Jun-04	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Nov-04	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jun-05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Dec-05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-29	Jun-04	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	4.3	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.9	1.0 U	3.0 U
	Nov-04	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.46 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.4	1.0 U	3.0 U
	Jun-05	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.7 J	1.0 U	3.0 U
	Dec-05	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.90 J	1.0 U	3.0 U
MW-30	Jun-04	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**6.0**	1.0 U	1.0 U	1.0 U	1.0 U	1.0	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	3.3	1.0 U	3.0 U
	Nov-04	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.8	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.3	1.0 U	3.0 U
	Jun-05	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.3	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0	1.0 U	3.0 U
	Dec-05	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.44 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.42 J	1.0 U	3.0 U
MW-31	Dec-05	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**99**	**8.2**	1.0 U	1.0 U	1.0 U	1.0 U	2.4	1.0 U	1.0 U	1.0 U	1.0 U	**48**	1.0 U	3.0 U
MW-32	Dec-05	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**91**	**5.7**	1.0 U	1.0 U	1.0 UJ	1.0 U	2.5	1.0 UJ	1.0 U	1.0 U	1.0 U	**75**	1.0 U	3.0 U
MW-33	Dec-05	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**7.0**	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	3.1	1.0 U	3.0 U
MW-34	Dec-05	5.0 U	1.0 U	1.0 U	0.82 J	1.0 U	**110** D	0.67 J	1.0 U	1.0 U	1.0 U	1.0 U	1.4	1.0 U	1.0 U	1.0 U	1.1	**16**	**63**	3.0 U
MW-35	Dec-05	5.0 U	1.0 U	1.0 U	4.4	1.0 U	**5.7**	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	**28**	1.0 UJ	1.0 U	1.0 U	2.4	**5.7**	2.0	1.1 BJ
MW-35(DUP) (e)	Dec-05	5.0 U	1.0 U	1.0 U	4.3	1.0 U	**5.9**	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	**28**	1.0 UJ	1.0 U	1.0 U	2.3	**5.6**	1.7	3.0 U
MW-36	Dec-05	5.0 U	1.0 U	1.0 U	3.2	1.0 U	**6.6**	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	**26**	1.0 UJ	0.45 J	1.0 U	**5.3**	**13**	1.8	3.0 U
MW-37	Dec-05	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**50**	2.4	1.0 U	1.0 U	1.0 U	1.0 U	0.51 J	1.0 U	1.0 U	1.0 U	1.0 U	**81**	1.0 U	3.0 U
MW-38	Dec-05	5.0 U	1.0 U	1.0 U	1.2	1.0 U	0.54 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**35**	1.0 U	1.0 U	1.0 U	**6.0**	**19**	1.0 U	3.0 U
MW-39	Dec-05	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	5.4	1.0 UJ	1.0 U	1.0 U	2.8	4.0	1.0 U	3.0 U
P-3	Jun-04	5.0 U	0.34 J	1.0 U	1.0 U	1.0 U	**13**	0.32 J	1.0 U	1.0 U	1.0 U	1.0 U	0.6 J	1.0 U	1.0 U	1.0 U	1.0 U	**8.5**	**2.2**	3.0 U
	Nov-04	5.0 U	0.34 J	1.0 U	1.0 U	1.0 U	**15**	0.44 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**11**	**5.0**	3.0 U
	Jun-05	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**9.8**	0.3 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**7.0**	**2.9**	3.0 U
	Dec-05	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**13.0**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**6.8**	**3.2**	3.0 U

Table 5

Historic Groundwater Sampling Results
Former General Instrument Corporation Site
Sherburne, New York
June 2004 through December 2005 (a)

Well ID	Date	Acetone	Benzene	Cyclohexane	1,1-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Ethylbenzene	Isopropylbenzene	Methylcyclohexane	Methylene chloride	Methyl-tert-butyl-ether	Naphthalene	Tetrachloroethene	Toluene	1,1,1-Trichloroethane	Trichloroethene	Vinyl chloride	Total Xylenes
Evaluation Criteria (b)		**50 (d)**	**1**	**(c)**	**5**	**5**	**5**	**5**	**5**	**5**	**(c)**	**5**	**10**	**10**	**5**	**5**	**5**	**5**	**2**	**5**
P-8	Jun-04	120 U	25 U	25 U	25 U	25 U	**830**	25 U	25 U	25 U	25 U	25 U	25 U	1.0 U	1.0 U	1.0 U	1.0 U	**320**	**25**	75 U
	Nov-04	120 U	25 U	25 U	25 U	25 U	**730**	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	**260**	**27**	75 U
	Jun-05	120 U	25 U	25 U	25 U	25 U	**700**	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	**230**	**37**	75 U
	Dec-05	120 U	25 U	25 U	25 U	25 U	**1400**	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	**680**	**16** J	75 U
P-10	Jun-04	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**14**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.38 J	**5.1**	1.0 U	3.0 U
	Nov-04	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**18**	0.35 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.3 J	4.2	1.0 U	3.0 U
	Jun-05	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**20**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.3 J	3.5	0.6 J	3.0 U
	Dec-05	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**16.0**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	3.3	1.0 U	3.0 U
P-11	Jun-04	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**14**	0.6 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.9 J	1.3	3.0 U
	Nov-04	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**11**	1.6	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.29 J	**3.5**	3.0 U
	Jun-05	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**10**	1.5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.3 J	**5.6**	3.0 U
P-11(DUP) (e)	Jun-05	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**10**	1.5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.3 J	**5.6**	3.0 U
	Dec-05	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**12.0**	1.3	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**7.4**	3.0 U

a/ All results are reported in micrograms per liter (µg/l); ND = compound not detected at or above the reporting limit; J = estimated value; D = compound identified in analysis at the secondary dilution factor; NA = not analyzed; value in bold exceeds evaluation criteria.
b/ Evaluation criteria are the New York State Ambient Water Quality Standards or Guidance Values for Class GA groundwater provided in the New York State Department of Environmental Conservation Division of Water Technical and Operational Guidance Series (1.1.1), dated June 1998, and the April 2000 Addendum.
c/ No standard or guidance value for groundwater is available for this substance.
d/ MW-18 was not sampled due to the presence of free product.
e/ MW-20(DUP) was designated MW-201 in the field for blind duplicate analysis. MW-27(DUP) was designated MW-90 in the field for blind duplicate analysis. P-11(DUP) was designated P-101 in the field for blind duplicate analysis.
f/ MW-28 was not sampled because the well is damaged.

Appendix A – Geologic NY, Inc., Report

GeoLogic

GeoLogic NY, Inc. P.O. Box 5080 • Cortland, NY 13045 • 607.836.4400 • Fax: 607.836.4403

May 24, 2004

Mr. John Okesson
NYSDEC - Region 7
Binghamton Sub-Office
1679 NY Route 11
Kirkwood, New York 13795-1602

Reference: Project Status Report
Quickway
Route 12
Sherburne, NY
Project No. 98010C
NYSDEC Spill #9803207

REPORTING PERIOD: October 2002 – May 2004.

PROJECT PHASE: Post remediation monitoring.

REMEDIAL TECHNOLOGY: Soil Vapor Extraction (SVE) / Total Fluids Extraction (TFE).

ATTACHMENTS: Site Plan;

Summary Tables (water level and analytical);

Analytical Results for 10/1/02, 6/23/03 and 4/28/04.

CURRENT CONDITIONS: Annual groundwater monitoring.
RW-1 total BTEX - 722 ug/L (4/28/04).
MW-2 total BTEX – 6 ug/L (4/28/04).

MODIFICATIONS: None.

RECOMMENDATIONS / PLANNED CHANGES: Groundwater BTEX concentrations at RW-1/MW-1, in the vicinity of the "North" vapor extraction array, have been reduced from 42,310 ug/L (7/24/98) to 722 ug/L (4/28/04). Groundwater BTEX concentrations at MW-2, in the vicinity of the "South" vapor extraction array, have been reduced from 3,555 ug/L (7/24/98) to 6 ug/L (4/28/04).

Based on the analytical results, GeoLogic recommends that the Department consider closure of NYSDEC Spill #9803207.

If you have any questions or require additional information concerning this report, please do not hesitate to contact the undersigned at 607/836-4400.

Respectfully submitted,

GeoLogic NY, Inc.

Judson Powell
Project Manager

Forrest C. Earl
Vice President/Principal Hydrogeologist

cc: Mr. Mike Mirabito, Mirabito Fuel Group

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Sherburne Quikway
Route 12
98010-C

GROUNDWATER ANALYTICAL DATA
in ug/l

MW-1	Date	GW Elevation	Benzene	Ethylbenzene	Toluene	Xylenes	BTEX	MTBE
		Ref=97.00						
	07/24/98	92.11	5,310	2,490	21,900	12,610	42,310	
	08/06/98	91.49			No sample taken			
	09/30/98	90.83	3,610	282	9,430	7,760	21,082	951
	12/02/98	90.68	1,270	113	1,320	1,060	3,763	508
	02/17/99	93.34	4,370.0	2,140.0	7,790	9,310.0	23,610	948
	03/29/99	93.74	6,300.0	1,800.0	14,000	10,400.0	32,500	990
	04/21/99	93.10	5,100.0	2,000.0	11,000	11,500.0	29,600	1200
	06/02/99	91.89	0.07 ft FP					
	07/01/99	91.15	0.04 ft FP					
	07/20/99	90.33	0.30 ft FP					
	08/11/99	90.00	0.20 ft FP					
	09/11/99	90.00	0.20 ft FP					
	11/02/99	91.18	0.23 ft FP	4" diameter recovery well installed adjacent to MW-1				
	12/09/99	91.80	0.03 ft FP	Extracted 780 gallons fluid from adjacent well RW-1				
	01/13/00	94.08	0.02 ft FP	Extracted 860 gallons fluid from adjacent well RW-1				
	02/24/00	93.75	0.00 ft FP	Sample taken from adjacent well RW-1				

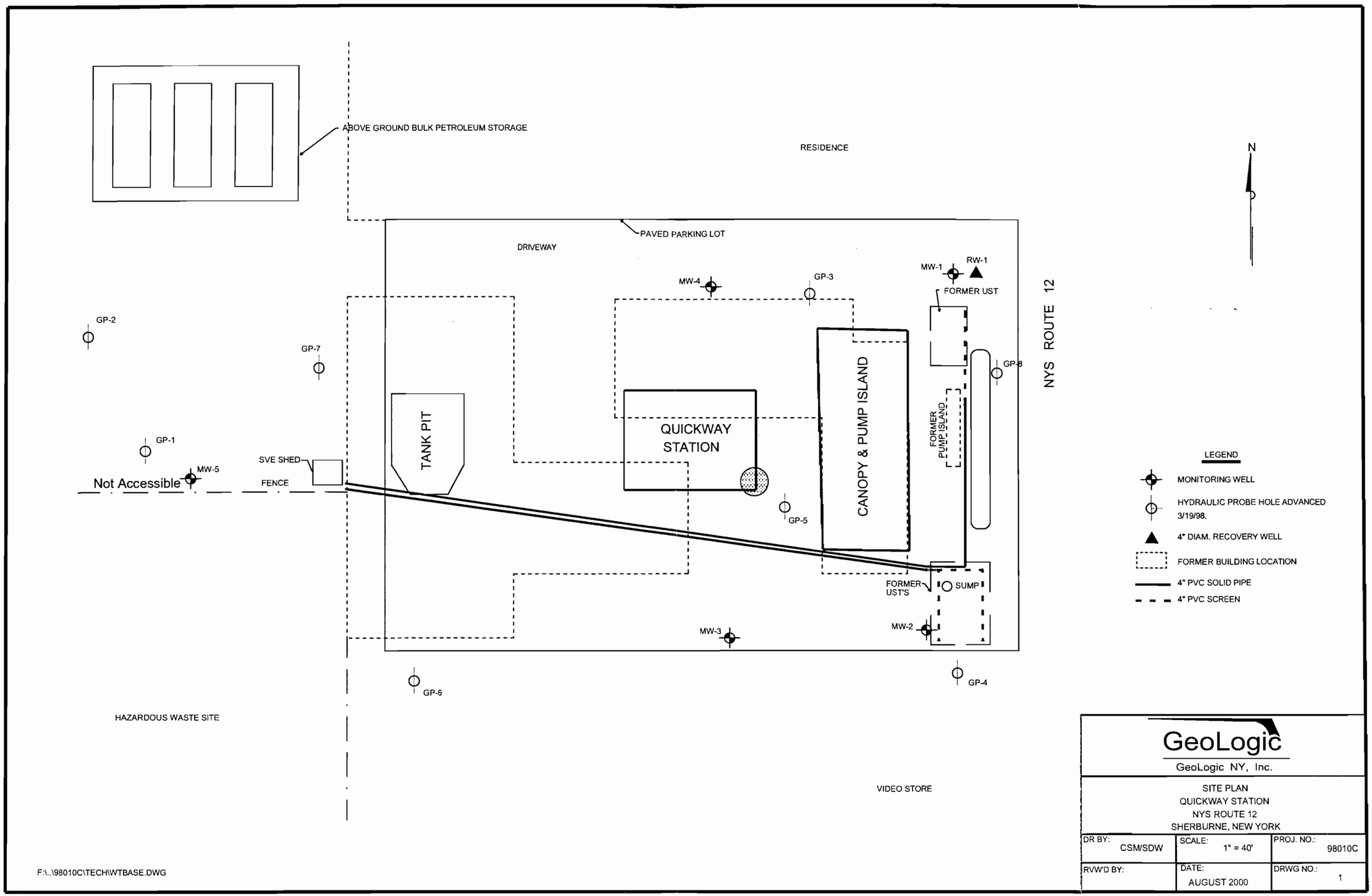
RW-1	Date	GW Elevation	Benzene	Ethylbenzene	Toluene	Xylenes	BTEX	MTBE
		NA						
	12/09/00	wl - 6.50	0.01 ft FP	Extracted 780 gallons fluid				
	01/13/00	wl - 2.92	0.02 ft FP	Extracted 860 gallons fluid				
	02/24/00	wl - 2.71	970	350	3,500	3,400	8,220	<500
	06/28/00	wl - 3.43	150	150	420	940	1,660	<50
	05/02/01	wl - 3.92	350	160	1,100	810	2,420	210
	06/19/02	wl - 3.09	100	57	130	470	757	<50
	10/01/02	wl - 5.09	200	240	560	1,470	2,470	120
	06/23/03	wl - 3.46	<1	83	190	410	683	6
	04/28/04	wl - 3.23	55	97	130	440	722	6.4

MW-2	Date	GW Elevation	Benzene	Ethylbenzene	Toluene	Xylenes	BTEX	MTBE
		Ref=97.28						
	07/24/98	91.96	549	577	109	2,320	3,555	
	08/06/98	91.21			No sample taken			
	09/30/98	90.67	242	50	258	492	1,042	339
	12/02/98	90.63	267	42	28	223	560	776
	02/17/99	93.12	133	13	15	95	256	306
	03/29/99	93.54	120	13	3	59	195	130
	04/21/99	92.97	240	72	30	197	539	300
	06/02/99	91.70	140	38	14	155	347	150
	07/01/99	90.85	160	28	31	<10	219	200
	07/20/99	90.51	220	13	<10	<10	233	680
	08/11/99	89.78	390	110	85	<1	585	480
	09/11/99	89.68	460	110	9	150	729	1,400
	11/02/99	90.88	720	220	150	1,000	2,090	1,500
	12/09/99		Vacuum extraction event - no sample taken					
	01/13/00		Vacuum extraction event - no sample taken					
	02/24/00	93.58	260	200	27	780	1,267	300
	06/28/00	92.89	54	<10	<10	<10	54	56
	05/02/01	92.93	45	12	1	16	74	100
	06/19/02	93.18	9	<1	<1	<1	9	8
	10/01/02	91.86	16	2	<1	8	26	51
	06/23/03	92.83	<1	1	<1	<3	<6	25
	04/28/04	93.59	4	2	<1	<3	6	3

MW-3	Date	GW Elevation	Benzene	Ethylbenzene	Toluene	Xylenes	BTEX	MTBE
		Ref = 96.45						
	07/24/98	91.20	73.3	<1	<1	<1	73.3	
	08/06/98	90.51			No sample taken			
	09/30/98	90.10	<1	<1	<1	<1	ND	179
	12/02/98	90.19	<1	<1	<1	<1		79.5
	02/17/99	92.57	89.9	<1	<1	<1	89.9	513
	03/29/99	93.03	52.0	<1	<1	<1	52.0	110
	04/21/99	92.24	440.0	2.1	8.5	1.5	452.1	330
	06/02/99	91.02	79.0	<1	<1	<3	79.0	260
	07/01/99	90.30	<10	<10	<10	<10	ND	240
	07/20/99	89.94	<1	<1	<1	<1	ND	440
	08/11/99	89.35	<1	<1	<1	<1	ND	270
	09/11/99	89.25	<1	<1	<1	<1	ND	250
	11/02/99	90.36	<1	<1	<1	<1	ND	150
	12/09/99		Vacuum extraction event - no sample taken					
	01/13/00		Vacuum extraction event - no sample taken					
	02/24/00	92.84	<1	<1	<1	<1	ND	17
	06/28/00	92.25	3.0	<1	<1	<1	3.0	82
	05/02/01	92.16	<1	<1	<1	<1	ND	360
	06/19/02	92.50	<1	<1	<1	<1	ND	13
	10/01/02	91.50	<1	<1	<1	<3	ND	18
	06/23/03	92.15	<1	<1	<1	<3	ND	16
	04/28/04	93.02	<1	<1	<1	<3	ND	3.9

MW-4	Date	GW Elevation	Benzene	Ethylbenzene	Toluene	Xylenes	BTEX	MTBE
		Ref = 96.63						
	12/02/98	90.58	<1	<1	<1	<1	ND	<5
	02/17/99	93.16	<1	<1	<1	<1	ND	<5
	03/29/99	93.59	<1	<1	<1	<1	ND	<1
	04/21/99	92.88	<1	<1	<1	<1	ND	<1
	06/02/99	91.62	<1	<1	<1	<3	ND	<1
	07/01/99	90.63	<1	<1	<1	<1	ND	<1
	07/20/99	90.42	<1	<1	<1	<1	ND	<1
	08/11/99	89.76	<1	<1	<1	<1	ND	<1
	09/11/99	89.63	<1	<1	<1	<1	ND	<1
	11/02/99	90.82	<1	<1	<1	<1	ND	<1
	12/09/99		Vacuum extraction event - no sample taken					
	01/13/00		Vacuum extraction event - no sample taken					
	02/24/00	93.52	<1	<1	<1	<1	ND	<5
	06/28/00	92.82	<1	<1	<1	<1	ND	<5
	05/02/01		Unable to access					
	06/19/02		Unable to access					
	10/01/02		Unable to access					
	06/23/03		Unable to access					
	04/28/04		Unable to access					

MW-5	Date	GW Elevation	Benzene	Ethylbenzene	Toluene	Xylenes	BTEX	MTBE
		Ref = 96.10						
	02/17/99	91.75	1	<1	<1	<1	1	<5
	03/29/99	92.49	5	<1	<1	8	13	<1
	04/21/99	91.34	1	<1	<1	<1	1	<1
	06/02/99	90.05	2	<1	<1	<3	2	<1
	07/01/99	86.40	1	<1	<1	<1	1	<1
	07/20/99	89.19	1	<1	<1	<1	1	<1
	08/11/99	88.76	<1	<1	<1	<1	ND	6
	09/11/99	88.76	4	<1	<1	<1	4	28
	11/02/99	89.64	2	<1	<1	<1	2	<1
	12/09/99		Vacuum extraction event - no sample taken					
	01/13/00		Vacuum extraction event - no sample taken					
	02/24/00	91.7	1	<1	<1	<1	1	<5
	06/28/00		Unable to access					
	05/02/01		Unable to access					
	06/19/02		Unable to access					
	10/01/02		Unable to access					
	06/23/03		Unable to access					
	04/28/04		Unable to access					



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GeoLogic

GeoLogic NY, Inc.

SITE PLAN
QUICKWAY STATION
NYS ROUTE 12
SHERBURNE, NEW YORK

DR BY:	SCALE:	PROJ. NO.:
CSM/SDW	1" = 40'	98010C
RVW'D BY:	DATE:	DRWG NO.:
	AUGUST 2000	1

BUCK
ENVIRONMENTAL LABORATORIES, INC.
accredited environmental analysis

Report Date: *18-Oct-02*
Lab Log No: 0210071

CLIENT: MIRABITO FUEL GROUP
44 GRAND STREET
SIDNEY, NY 13838-
Project: 98010-C
Lab ID: 0210071-01A

Client Sample ID: MW-1
Sampled By: GEOLOGIC
Collection Date: 10/01/02
Received at Lab: 10/04/02
Matrix: AQUEOUS

Analyses	CAS	DF	PQL	Result	Units	Qual
STARS VOLATILES BY 8260		Analyst: **JHB**	Analysis Date: **10/16/02**			
Benzene	71-43-2	1	1.0	**200**	µg/L	
n-Butylbenzene	104-51-8	1	1.0	ND	µg/L	
sec-Butylbenzene	135-98-8	1	1.0	ND	µg/L	
tert-Butylbenzene	98-06-6	1	1.0	ND	µg/L	
Ethylbenzene	100-41-4	20	20	**240**	µg/L	
4-Isopropyltoluene	99-87-6	1	1.0	**6.7**	µg/L	
Methyl tert-butyl ether	1634-04-4	1	1.0	**120**	µg/L	
n-Propylbenzene	103-65-1	1	1.0	**78**	µg/L	
Isopropylbenzene	98-82-8	1	1.0	**29**	µg/L	
Naphthalene	91-20-3	1	1.0	**120**	µg/L	
Toluene	108-88-3	20	20	**560**	µg/L	
1,2,4-Trimethylbenzene	95-63-6	20	20	**570**	µg/L	
1,3,5-Trimethylbenzene	108-67-8	20	20	**180**	µg/L	
m,p-Xylene	1330-20-7	20	40	**950**	µg/L	
o-Xylene	95-47-6	20	20	**520**	µg/L	
Surr: 4-Bromofluorobenzene	460-00-4	1	85.3-110.1	109	%REC	
Surr: Dibromofluoromethane	1868-53-7	1	81.9-116	85.9	%REC	
Surr: Toluene-d8	2037-26-5	1	85.5-113.5	92.3	%REC	

NYSDOH ELAP #10795

John H. Buck, P.E.
Laboratory Director

Abbreviations:
ND - Not Detected at the Reporting Limit
D - Surrogate diluted out
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Est., Value exceeds quantitation range
H - Est., Holding time exceedance

3821 Buck Drive, Cortland, NY 13045-5150
Tel 607.753.3403 Fax 607.753.3415

B U C K
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accredited environmental analysis

Report Date: *18-Oct-02*
Lab Log No: 0210071

CLIENT: MIRABITO FUEL GROUP
44 GRAND STREET
SIDNEY, NY 13838-
Project: 98010-C
Lab ID: 0210071-02A

Client Sample ID: MW-2
Sampled By: GEOLOGIC
Collection Date: 10/01/02
Received at Lab: 10/04/02
Matrix: AQUEOUS

Analyses	CAS	DF	PQL	Result	Units	Qual
STARS VOLATILES BY 8260		Analyst: **JHB**	Analysis Date: **10/16/02**			
Benzene	71-43-2	1	1.0	**16**	µg/L	
n-Butylbenzene	104-51-8	1	1.0	ND	µg/L	
sec-Butylbenzene	135-98-8	1	1.0	ND	µg/L	
tert-Butylbenzene	98-06-6	1	1.0	ND	µg/L	
Ethylbenzene	100-41-4	1	1.0	**2.1**	µg/L	
4-Isopropyltoluene	99-87-6	1	1.0	ND	µg/L	
Methyl tert-butyl ether	1634-04-4	1	1.0	**51**	µg/L	
n-Propylbenzene	103-65-1	1	1.0	**3.1**	µg/L	
Isopropylbenzene	98-82-8	1	1.0	**1.4**	µg/L	
Naphthalene	91-20-3	1	1.0	**3.5**	µg/L	
Toluene	108-88-3	1	1.0	ND	µg/L	
1,2,4-Trimethylbenzene	95-63-6	1	1.0	**7.4**	µg/L	
1,3,5-Trimethylbenzene	108-67-8	1	1.0	**7.0**	µg/L	
m,p-Xylene	1330-20-7	1	2.0	**8.4**	µg/L	
o-Xylene	95-47-6	1	1.0	ND	µg/L	
Surr: 4-Bromofluorobenzene	460-00-4	1	85.3-110.1	102	%REC	
Surr: Dibromofluoromethane	1868-53-7	1	81.9-116	90.1	%REC	
Surr: Toluene-d8	2037-26-5	1	85.5-113.5	99.2	%REC	

NYSDOH ELAP #10795

John H. Buck P.E.
Laboratory Director

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E - Est., Value exceeds quantitation range
H - Est., Holding time exceedance

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accredited environmental analysis

Report Date: *18-Oct-02*
Lab Log No: 0210071

CLIENT:	MIRABITO FUEL GROUP 44 GRAND STREET SIDNEY, NY 13838-	**Client Sample ID:**	MW-3
		Sampled By:	GEOLOGIC
		Collection Date:	10/01/02
Project:	98010-C	**Received at Lab:**	10/04/02
Lab ID:	0210071-03A	**Matrix:**	AQUEOUS

Analyses	CAS	DF	PQL	Result	Units	Qual
STARS VOLATILES BY 8260		Analyst: **PI**	Analysis Date: **10/13/02**			
Benzene	71-43-2	1	1.0	ND	µg/L	
n-Butylbenzene	104-51-8	1	1.0	ND	µg/L	
sec-Butylbenzene	135-98-8	1	1.0	ND	µg/L	
tert-Butylbenzene	98-06-6	1	1.0	ND	µg/L	
Ethylbenzene	100-41-4	1	1.0	ND	µg/L	
4-Isopropyltoluene	99-87-6	1	1.0	ND	µg/L	
Methyl tert-butyl ether	1634-04-4	1	1.0	**18**	µg/L	
n-Propylbenzene	103-65-1	1	1.0	ND	µg/L	
Isopropylbenzene	98-82-8	1	1.0	ND	µg/L	
Naphthalene	91-20-3	1	1.0	ND	µg/L	
Toluene	108-88-3	1	1.0	ND	µg/L	
1,2,4-Trimethylbenzene	95-63-6	1	1.0	ND	µg/L	
1,3,5-Trimethylbenzene	108-67-8	1	1.0	ND	µg/L	
m,p-Xylene	1330-20-7	1	2.0	ND	µg/L	
o-Xylene	95-47-6	1	1.0	ND	µg/L	
Surr: 4-Bromofluorobenzene	460-00-4	1	85.3-110.1	95.5	%REC	
Surr: Dibromofluoromethane	1868-53-7	1	81.9-116	114	%REC	
Surr: Toluene-d8	2037-26-5	1	85.5-113.5	102	%REC	

NYSDOH ELAP #10795

John H. Buck, P.E.
Laboratory Director

Abbreviations:
ND - Not Detected at the Reporting Limit
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E - Est., Value exceeds quantitation range
H - Est., Holding time exceedance

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Report Date: *03-Jul-03*
Lab Log No: **0306293**

CLIENT:	MIRABITO FUEL GROUP 44 GRAND STREET SIDNEY, NY 13838-	**Client Sample ID:**	RW-1
		Sampled By:	GEOLOGIC
		Collection Date:	06/23/03 1:40:00 PM
Project:	98010-C	**Received at Lab:**	06/26/03
Lab ID:	0306293-01A	**Matrix:**	AQUEOUS

Analyses	CAS	DF	PQL	Result	Units	Qual
STARS VOLATILES BY EPA 8260		Analyst: **TZ**	Analysis Date:	**Jun 29, 2003 10:53 pm**		
1,2,4-Trimethylbenzene	95-63-6	1	1.0	**130**	µg/L	
1,3,5-Trimethylbenzene	108-67-8	1	1.0	**37**	µg/L	
4-Isopropyltoluene	99-87-6	1	1.0	ND	µg/L	
Benzene	71-43-2	1	1.0	ND	µg/L	
Ethylbenzene	100-41-4	1	1.0	**83**	µg/L	
Isopropylbenzene	98-82-8	1	1.0	**4.1**	µg/L	
m,p-Xylene	1330-20-7	1	2.0	**300**	µg/L	
Methyl tert-butyl ether	1634-04-4	1	1.0	**6.1**	µg/L	
n-Butylbenzene	104-51-8	1	1.0	**6.2**	µg/L	
n-Propylbenzene	103-65-1	1	1.0	**16**	µg/L	
Naphthalene	91-20-3	1	1.0	**21**	µg/L	
o-Xylene	95-47-6	1	1.0	**110**	µg/L	
sec-Butylbenzene	135-98-8	1	1.0	ND	µg/L	
tert-Butylbenzene	98-06-6	1	1.0	ND	µg/L	
Toluene	108-88-3	1	1.0	**190**	µg/L	
Surr: 1,2-Dichloroethane-d4	17060-07-0	1	80-120	91.7	%REC	
Surr: 4-Bromofluorobenzene	460-00-4	1	85.3-110.1	97.3	%REC	
Surr: Dibromofluoromethane	1868-53-7	1	81.9-116	93.9	%REC	
Surr: Toluene-d8	2037-26-5	1	85.5-113.5	98.7	%REC	

NYSDOH ELAP #10795 **EPA LAB ID #NY00935**

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accredited environmental analysis

Report Date: *03-Jul-03*
Lab Log No: **0306293**

CLIENT:	MIRABITO FUEL GROUP 44 GRAND STREET SIDNEY, NY 13838-	**Client Sample ID:**	MW-2
		Sampled By:	GEOLOGIC
		Collection Date:	06/23/03 1:20:00 PM
Project:	98010-C	**Received at Lab:**	06/26/03
Lab ID:	0306293-02A	**Matrix:**	AQUEOUS

Analyses	CAS	DF	PQL	Result	Units	Qual
STARS VOLATILES BY EPA 8260		Analyst: **TZ**	Analysis Date: **Jun 30, 2003 3:05 am**			
1,2,4-Trimethylbenzene	95-63-6	1	1.0	ND	µg/L	
1,3,5-Trimethylbenzene	108-67-8	1	1.0	ND	µg/L	
4-Isopropyltoluene	99-87-6	1	1.0	ND	µg/L	
Benzene	71-43-2	1	1.0	ND	µg/L	
Ethylbenzene	100-41-4	1	1.0	**1.3**	µg/L	
Isopropylbenzene	98-82-8	1	1.0	ND	µg/L	
m,p-Xylene	1330-20-7	1	2.0	ND	µg/L	
Methyl tert-butyl ether	1634-04-4	1	1.0	**25**	µg/L	
n-Butylbenzene	104-51-8	1	1.0	ND	µg/L	
n-Propylbenzene	103-65-1	1	1.0	1.1	µg/L	
Naphthalene	91-20-3	1	1.0	ND	µg/L	
o-Xylene	95-47-6	1	1.0	ND	µg/L	
sec-Butylbenzene	135-98-8	1	1.0	ND	µg/L	
tert-Butylbenzene	98-06-6	1	1.0	ND	µg/L	
Toluene	108-88-3	1	1.0	ND	µg/L	
Surr: 1,2-Dichloroethane-d4	17060-07-0	1	80-120	90.9	%REC	
Surr: 4-Bromofluorobenzene	460-00-4	1	85.3-110.1	101	%REC	
Surr: Dibromofluoromethane	1868-53-7	1	81.9-116	95.6	%REC	
Surr: Toluene-d8	2037-26-5	1	85.5-113.5	98.6	%REC	

JUL 07 2003

NYSDOH ELAP #10795 **EPA LAB ID #NY00935**

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Report Date: *03-Jul-03*
Lab Log No: **0306293**

CLIENT:	MIRABITO FUEL GROUP 44 GRAND STREET SIDNEY, NY 13838-	**Client Sample ID:**	MW-3
		Sampled By:	GEOLOGIC
		Collection Date:	06/23/03 1:00:00 PM
Project:	98010-C	**Received at Lab:**	06/26/03
Lab ID:	0306293-03A	**Matrix:**	AQUEOUS

Analyses	CAS	DF	PQL	Result	Units	Qual
STARS VOLATILES BY EPA 8260		Analyst: **TZ**	Analysis Date: **Jun 30, 2003 3:42 am**			
1,2,4-Trimethylbenzene	95-63-6	1	1.0	ND	µg/L	
1,3,5-Trimethylbenzene	108-67-8	1	1.0	ND	µg/L	
4-Iscpropyltoluene	99-87-6	1	1.0	ND	µg/L	
Benzene	71-43-2	1	1.0	ND	µg/L	
Ethylbenzene	100-41-4	1	1.0	ND	µg/L	
Isopropylbenzene	98-82-8	1	1.0	ND	µg/L	
m,p-Xylene	1330-20-7	1	2.0	ND	µg/L	
Methyl tert-butyl ether	1634-04-4	1	1.0	**16**	µg/L	
n-Butylbenzene	104-51-8	1	1.0	ND	µg/L	
n-Propylbenzene	103-65-1	1	1.0	ND	µg/L	
Naphthalene	91-20-3	1	1.0	ND	µg/L	
o-Xylene	95-47-6	1	1.0	ND	µg/L	
sec-Butylbenzene	135-98-8	1	1.0	ND	µg/L	
tert-Butylbenzene	98-06-6	1	1.0	ND	µg/L	
Toluene	108-88-3	1	1.0	ND	µg/L	
Surr: 1,2-Dichloroethane-d4	17060-07-0	1	80-120	93.6	%REC	
Surr: 4-Bromofluorobenzene	460-00-4	1	85.3-110.1	100	%REC	
Surr: Dibromofluoromethane	1868-53-7	1	81.9-116	96.8	%REC	
Surr: Toluene-d8	2037-26-5	1	85.5-113.5	98.5	%REC	

NYSDOH ELAP #10795 **EPA LAB ID #NY00935**

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Report Date: *11-May-04*
Lab Log No: **0404301**

CLIENT:	MIRABITO FUEL GROUP 44 GRAND STREET SIDNEY, NY 13838-	**Client Sample ID:**	MW-1
		Sampled By:	GEOLOGIC
		Collection Date:	04/28/04 1:30:00 PM
Project:	98010-C	**Received at Lab:**	04/29/04
Lab ID:	0404301-01A	**Matrix:**	AQUEOUS

Analyses	CAS	DF	PQL	Result	Units	Qual
STARS VOLATILES BY EPA 8260		Analyst: **CP**	Analysis Date: **May 09, 2004 5:04 pm**			
1,2,4-Trimethylbenzene	95-63-6	1	1.0	**130**	µg/L	
1,3,5-Trimethylbenzene	108-67-8	1	1.0	**30**	µg/L	
4-Isopropyltoluene	99-87-6	1	1.0	ND	µg/L	
Benzene	71-43-2	1	1.0	**55**	µg/L	
Ethylbenzene	100-41-4	1	1.0	**97**	µg/L	
Isopropylbenzene	98-82-8	1	1.0	**3.8**	µg/L	
m,p-Xylene	1330-20-7	1	2.0	**330**	µg/L	
Methyl tert-butyl ether	1634-04-4	1	1.0	**6.4**	µg/L	
n-Butylbenzene	104-51-8	1	1.0	ND	µg/L	
n-Propylbenzene	103-65-1	1	1.0	**15**	µg/L	
Naphthalene	91-20-3	1	1.0	**19**	µg/L	
o-Xylene	95-47-6	1	1.0	**110**	µg/L	
sec-Butylbenzene	135-98-8	1	1.0	ND	µg/L	
tert-Butylbenzene	98-06-6	1	1.0	ND	µg/L	
Toluene	108-88-3	1	1.0	**130**	µg/L	
Surr: 1,2-Dichloroethane-d4	17060-07-0	1	79-118	101	%REC	
Surr: 4-Bromofluorobenzene	460-00-4	1	85.3-110.1	99.2	%REC	
Surr: Dibromofluoromethane	1868-53-7	1	81.9-116	102	%REC	
Surr: Toluene-d8	2037-26-5	1	85.5-113.5	98.5	%REC	

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ENVIRONMENTAL LABORATORIES, INC.
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Report Date: *11-May-04*
Lab Log No: **0404301**

CLIENT:	MIRABITO FUEL GROUP 44 GRAND STREET SIDNEY, NY 13838-	**Client Sample ID:**	MW-2
		Sampled By:	GEOLOGIC
		Collection Date:	04/28/04 1:50:00 PM
Project:	98010-C	**Received at Lab:**	04/29/04
Lab ID:	0404301-02A	**Matrix:**	AQUEOUS

Analyses	CAS	DF	PQL	Result	Units	Qual
STARS VOLATILES BY EPA 8260		Analyst: **CP**	Analysis Date:	**May 09, 2004 5:37 pm**		
1,2,4-Trimethylbenzene	95-63-6	1	1.0	ND	µg/L	
1,3,5-Trimethylbenzene	108-67-8	1	1.0	ND	µg/L	
4-Isopropyltoluene	99-87-6	1	1.0	ND	µg/L	
Benzene	71-43-2	1	1.0	**4.0**	µg/L	
Ethylbenzene	100-41-4	1	1.0	**1.7**	µg/L	
Isopropylbenzene	98-82-8	1	1.0	ND	µg/L	
m,p-Xylene	1330-20-7	1	2.0	ND	µg/L	
Methyl tert-butyl ether	1634-04-4	1	1.0	**2.5**	µg/L	
n-Butylbenzene	104-51-8	1	1.0	ND	µg/L	
n-Propylbenzene	103-65-1	1	1.0	ND	µg/L	
Naphthalene	91-20-3	1	1.0	ND	µg/L	
o-Xylene	95-47-6	1	1.0	ND	µg/L	
sec-Butylbenzene	135-98-8	1	1.0	ND	µg/L	
tert-Butylbenzene	98-06-6	1	1.0	ND	µg/L	
Toluene	108-88-3	1	1.0	ND	µg/L	
Surr: 1,2-Dichloroethane-d4	17060-07-0	1	79-118	99.2	%REC	
Surr: 4-Bromofluorobenzene	460-00-4	1	85.3-110.1	101	%REC	
Surr: Dibromofluoromethane	1868-53-7	1	81.9-116	101	%REC	
Surr: Toluene-d8	2037-26-5	1	85.5-113.5	96.9	%REC	

NYSDOH ELAP #10795 **EPA LAB ID #NY00935**

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accredited environmental analysis

Report Date: *11-May-04*
Lab Log No: **0404301**

CLIENT:	MIRABITO FUEL GROUP 44 GRAND STREET SIDNEY, NY 13838-	**Client Sample ID:**	MW-3
		Sampled By:	GEOLOGIC
		Collection Date:	04/28/04 2:10:00 PM
Project:	98010-C	**Received at Lab:**	04/29/04
Lab ID:	0404301-03A	**Matrix:**	AQUEOUS

Analyses	CAS	DF	PQL	Result	Units	Qual
STARS VOLATILES BY EPA 8260		Analyst: **CP**	Analysis Date: **May 09, 2004 6:09 pm**			
1,2,4-Trimethylbenzene	95-63-6	1	1.0	ND	µg/L	
1,3,5-Trimethylbenzene	108-67-8	1	1.0	ND	µg/L	
4-Isopropyltoluene	99-87-6	1	1.0	ND	µg/L	
Benzene	71-43-2	1	1.0	ND	µg/L	
Ethylbenzene	100-41-4	1	1.0	ND	µg/L	
Isopropylbenzene	98-82-8	1	1.0	ND	µg/L	
m,p-Xylene	1330-20-7	1	2.0	ND	µg/L	
Methyl tert-butyl ether	1634-04-4	1	1.0	**3.9**	µg/L	
n-Butylbenzene	104-51-8	1	1.0	ND	µg/L	
n-Propylbenzene	103-65-1	1	1.0	ND	µg/L	
Naphthalene	91-20-3	1	1.0	ND	µg/L	
o-Xylene	95-47-6	1	1.0	ND	µg/L	
sec-Butylbenzene	135-98-8	1	1.0	ND	µg/L	
tert-Butylbenzene	98-06-6	1	1.0	ND	µg/L	
Toluene	108-88-3	1	1.0	ND	µg/L	
Surr: 1,2-Dichloroethane-d4	17060-07-0	1	79-118	102	%REC	
Surr: 4-Bromofluorobenzene	460-00-4	1	85.3-110.1	99.5	%REC	
Surr: Dibromofluoromethane	1868-53-7	1	81.9-116	99.7	%REC	
Surr: Toluene-d8	2037-26-5	1	85.5-113.5	98.0	%REC	

NYSDOH ELAP #10795 **EPA LAB ID #NY00935**

3821 Buck Drive, Cortland, NY 13045-5150
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Appendix B – Standard Operating Procedures

Standard Operating Procedure – 3b

Groundwater Sampling Using Low – Flow Submersible Pump

Materials:

Sampling notebook/Field log book
Groundwater monitoring data log forms
Well key
Adjustable wrench or manhole wrench
Photoionization detector (PID)
Flashlight or mirror
Electronic water level indicator
pH, conductivity, temperature meter
Oxidation potential meter (Eh)
Dissolved oxygen meter
Turbidity meter
Sample bottles, sample tags or labels, indelible markers, and clear tape
Appropriate power supply
Redi-Flo 2 submersible pump (or equivalent) and Teflon® tubing
Flow-through cell for pump or appropriate-sized beakers for meters
Buckets or drum for water storage
Pocket knife or scissors
Level C or Level D Personal Protective Equipment
Nitrile or latex gloves

Note: This SOP is only to be used if the applicable state of federal agency approves of purging and sampling groundwater using a submersible pump.

Procedure:

1. Verify locations of wells, media to be sampled, and parameters to be analyzed as specified in the sampling plan.

2. Prepare field log book with description of site, weather, participants, and other relevant observations (Refer to SOP-1)

3. As the following steps are completed, fill-in both front and back of the groundwater monitoring data log (Attachment 1 in SOP-1).

4. With the field personnel in Level D personal protective equipment, unless historical data, information, or suspicious warrants upgrading to Level C protective equipment, survey around the base of the well and wellhead with a PID; remove well cap, place probe of PID in wellhead, and record PID response in field book. Survey breathing zone to ensure that the level of personal protection is appropriate. Note observations on the groundwater monitoring data log. (See Site Health and Safety Plan for appropriate measuring techniques and upgrade requirements).

5. Inspect water surface in the well; use flashlight if necessary. Note any observable floating product and record observations in the field book.

6. Measure and record the extent of the top of the well riser above the ground. If well is a flush mount, measure and record the top of the well riser below the ground. Measure the casing (riser) inside diameter (CID) and record in inches. From the top of the riser, measure the depth (in feet) to water (DTW) with an electronic water level indicator and record on the groundwater monitoring data log. Static water level measurements must be recorded from the surveyor's mark at the top of the riser, if present. If no mark is present, mark a location with a metal file or indelible marker on the north side of the riser for future reference. Measure and record the total depth (TD, in feet) to the bottom of the well.

7. Check for light non-aqueous phase liquids (LNAPLs) and dense non-aqueous phase liquids (DNAPLs). Measure thickness with a oil/water interface probe in accordance with the RCRA Groundwater Monitoring Technical Enforcement Guidance Document (November 1992).

8. Monitoring wells should be purged/sampled by starting with the upgradient (or clean wells) and proceeding downgradient (in the order from least to most contaminated wells) for the remaining monitoring wells.

9. If LNAPL was observed, carefully lower a bailer attached to an appropriate length of new nylon rope into the well, and allow the bottom to sink 1 foot below the water surface to capture LNAPL only. Remove bailer and dispose of LNAPL appropriately. Record the quantity of LNAPL removed in the field book.

10. Place plastic sheeting around the wellhead. Carefully lower the pump into the well and place the pump intake in the center of the saturated screen interval, near the top of the well screen if the screen is submerged.

11. Begin purging the well at 0.2 to 0.5 L/min (0.05 to 0.13 gal/min). The water level should optimally be monitored continuously, but at a minimum, every 3 to 5 minutes during purging. Ideally, a steady flow rate should be maintained that results in a stabilized water level (less than 0.3 feet of variation). Pumping rates should, if needed, be reduced to the minimum capabilities of the pump to ensure stabilization of the water level. However, care should be taken to maintain pump suction and to avoid entrainment of air in the tubing. Record each adjustment made to the pumping rate ad the water level measured immediately after each adjustment.

12. If the recharge rate of the well is very low, care should be taken to avoid loss of pressure in the tubing line, cascading through the sand pack, or pumping the well dry. In these cases, purging should be interrupted before the water in the well reaches a level below the top of the pump. Sampling should commence as soon as the volume in the well has recovered sufficiently to permit collection of samples.

13. During purging of the well, monitor the following geochemical parameters every 3 to 5 minutes: turbidity, dissolved oxygen, redox potential (Eh), temperature, specific conductance, and pH. In-line analyzers and continuous readout displays are highly recommended. The well is considered stabilized and ready for sample collection once turbidity, redox potential, and dissolved oxygen in in-line or downhole analyses of groundwater have stabilized within approximately 10% over at least two measurements – for example, over two successive measurements made three minutes apart. Turbidity should be less than 50 NTUs (decrease pumping rate to lower turbidity measurements). Dissolved oxygen and Eh must be obtained in a manner in which the sample is not exposed to air prior to the measurement. Other parameters may be taken in a clean container, such as a glass beaker.

14. If a well is purged to dryness before removing three well volumes, allow well to recharge and proceed to collect sample. If full recovery exceeds 2 hours, the well should be sampled as soon as sufficient volume is available or within a maximum of 3 hours from purging dry.

15. Collect groundwater samples after purging is completed. Collect the samples using the sampling pump operated at a maximum rate of 0.25 L/min (0.07 gal/min)(or to the rate of the purging activities) to avoid agitating the water. Sample first for VOCs, taking care to remove all air bubbles from the vial and minimize agitation. Collect remaining organic samples then inorganic samples.

    The recommended order of sample collection is as follows:

    In-field measurements (e.g., temperature, pH, Eh, specific conductance, dissolved oxygen, turbidity)
    Volatile organic compounds (VOCs)
    Purgeable organic carbon (POC)
    Purgeable organic halogens (POX)
    Total organic halogens (TOX)
    Total organic carbon (TOC)
    Extractable organics
    Pesticides and herbicides
    Total metals
    Dissolved metals
    Phenols
    Cyanide
    Sulfate and chloride
    Nitrate and ammonia
    Radionuclides

16. Affix a sample tag or label to each sample container and complete all required information (sample no., date, time, sampler's initials, analysis, preservatives). Place clear tape over the tag or label. Record sample designation, date, time, and the sampler's initials on the sample tracking form and in the field book. Complete chain-of-custody forms with appropriate sampling information.

17. Remove the pump and tubing from the well. Inspect the well for soundness of protective casing and surface ground seal. Record water color, suspended particulates, discoloration of casing, any unusual occurrences during sampling, and any pertinent weather details on the groundwater monitoring data log.

18. Thoroughly decontaminate all equipment used before proceeding to the next well. See SOP No. 16 for details on decontamination procedures. Discard used towels, tubing, gloves, etc., in a plastic bag. Refer to the Investigation Derived Waste Management Plan for the site for appropriate storage and disposal methods of these materials.

Standard Operating Procedure - 10

Split-Spoon Soil Sampling

Application:

To collect soil samples with a split-spoon sampler that is advanced and retrieved with a drill rig.

Materials:

Field log book
Personal protective equipment (PPE)
Split-spoon samplers
Stainless steel spoons or trowels
Mixing tray or bowl
Pipe wrenches
Expanding ruler or tape measure

Note: Decontamination is not required for dedicated sampling equipment.

Procedure:

1. Use appropriate PPE as specified in the site-specific health and safety plan.

2. Ensure that the soil boring has reached the desired sample depth and that loose soil in the bottom of the boring has been cleaned out.

3. The drillers will attach a decontaminated split-spoon sampler to the lead drilling rod, lower it to the bottom of the boring, and advance the split-spoon into the undisturbed soil. Record in the field logbook the number of blows for every 6 inches the sampler is advanced.

4. When the split-spoon has reached the desired depth, the driller will retrieve the split-spoon and disconnect the split-spoon from the drilling rod.

5. Remove the head and shoe from the split-spoon and note which end of the sampler is the top and bottom. Separate the split-spoon sampler into two halves keeping all of the soil in one of the halves (if possible).

6. Measure the length of material recovered in the sampler with respect to the penetration depth and record this ratio in the field logbook.

7. If field screening for organic vapors is required, break or cut the soil core every 3 to 4 inches and quickly scan the breaks in the core material with a PID/OVA. Headspace analyses, if required, should be performed in accordance with SOP 22. Record the reading in the field logbook.

8. For VOC samples, transfer the soil directly into the sample containers with a decontaminated stainless steel spoon**.** A closed-system sampler (e.g., Encore Sampler) should be used, if necessary, to collect sludge samples for VOC analysis using EPA Method 5035 for preservation.

9. Describe the remaining sample material in accordance with ASTM International Standard D 2488 and the Unified Soil Classification System. Record the information in the field logbook.

Note: the top of the split-spoon often contains float material, which is not to be included in the soil sample or sample description.

10. If it is necessary to collect soil samples for non-volatile parameters, transfer the recovered soil to a decontaminated mixing tray or bowl with a decontaminated stainless steel spoon. Soil material lodged within the split-spoon shoe should also be placed in the mixing tray or bowl for sampling.

11. Examine contents of the tray and remove pebbles, organic material, (e.g., roots, grass, and woody material), and other debris with the stainless steel spoon. Use the same spoon to chop apart clumps of soil and mix the contents of the tray to a homogeneous particle size and texture.

12. Transfer the soil material to the appropriate sample containers using the stainless steel spoon.

13. Label the containers, cover the labels with tape, and immediately place the containers in a cooler maintained at an ambient temperature of 4° Celsius with wet ice. Freezer packs or dry ice should not be used for sample preservation.

14. Record the sample location, sample depth, sampler name, and the requested analytical parameters in the field log book.

15. Complete the chain-of-custody form with appropriate sampling information.

16. Samples should be maintained and shipped in accordance with SOP 20.

17. Properly manage all PPE and investigation-derived wastes in accordance with state and federal requirements.

BORING LOG ESC Engineering of New York, P.C. 11911 Freedom Drive Reston, Virginia 20190	**PROJECT**	Boring No. Sheet _of Date Drilled
Drilling Co. Driller Geologist		Boring Location Ground Elevation TOC Elevation
Boring Method Hole Diameter Inside Diameter Total Depth	Casing/S Type Diameter Screen Length Screen Slot Size	Sampler Method Length (ft) Hammer (lb) Fall (in)

Depth	P.I.D. (ppm)	Percent Recovery	Sample Depth	Blows/6"	Well Design	Sample Description

Standard Operating Procedure - 15

Decontamination of Drilling Equipment

Materials:

Canvas or plastic tarp(s)
4-mil polyethylene liner
Pressurized steam cleaner (steam jenny)
55-gallon steel drums with bung (closed) tops
55-gallon steel drums with open tops, rings, lids, ring-nut and ring-bolt
Hammer, nails, duct tape, extension cord(s)
Wood boards - 4" x 4", 2" x 4" or 2" x6"
Portable wet/dry vacuum
Shovel, funnel, and squeegee

Construction of Decontamination Basin:

1. Place tarp(s) on flat, firm surface in an accessible area of the site away from areas of surface contamination. Use enough tarp to accommodate the rear of the drilling rig and hollow stem augers and to prevent overspray from the steam jenny from falling onto adjacent soil surfaces. If necessary, place more than one tarp on the ground. Overlap tarp edges and secure with duct tape. Area should be slightly inclined toward one corner so that the decontamination water will pool in one corner for easier pumping to the containment drums.

2. Place a layer of polyethylene liner on top of the tarp(s). If one sheet cannot completely cover the tarp, use another one. Overlap the sheets at the edges and secure with duct tape.

3. Place 4" x 4" boards along the tarp's outer edges to form a square or rectangular basin. Roll each 4" x 4" board toward the center so the tarp and polyethylene wrap completely around it at least once. Secure the tarp and liner to the top of the boards with nails, tacks or heavy-duty staples.

4. Place the drums, steam cleaner, and wet/dry vacuum adjacent to one side of the basin on the outside.

Decontamination Procedure:

1. Unload drilling equipment from the drilling rig and place in one side of the basin.

2. Activate the steam cleaner. Personnel performing steam cleaning should don rubber boots, Tyvek or Saranex suits, rubber gloves, and a hard hat with a face shield for splash protection.

3. Clean each piece of drilling equipment, including auger bits, drill bits, portable power augers, hollow stem augers, auger holders, split spoons, rod lifters, and drilling rods, by holding the nozzle of the steam cleaner a few inches away. Wood 2" x 4"s can be placed on the basin floor to prevent drilling equipment from coming into contact with solids that will build up beneath it as it is being steam cleaned.

4. After each piece is cleaned, place it on rows of 2" x 4" boards in a separate area of the basin.

5. If space allows, position the rear of the drill rig in the basin and use the steam cleaner to clean off rig surfaces and the hoist and derrick as needed.

6. Reload drilling equipment onto rig and drive it out of the basin.

7. Vacuum up liquids on the basin floor with the flexible hose of the portable wet/dry vacuum. A long-handled squeegee can be used to pool liquid together to aid vacuuming.

8. Remove accumulated solids from the basin floor with a shovel and place in open-top drums. During removal of the accumulated solids, be careful so that the polyethylene liner is not torn, cut, or punctured with the shovel.

9. Empty the canister of the wet/dry vacuum into a bung-top drum using a funnel.

10. Secure and tighten tops of drums and apply appropriate hazardous waste or nonhazardous waste labels to each drum. The accumulation date should be placed on each drum. An inventory of all onsite drums should be entered into the field log book by field personnel. All drums should be marked, numbered, or labeled with an indelible marker for future reference.

11. On completion of onsite work, the properly labeled and inventoried drums should be stored within a newly constructed pad or basin until disposal is arranged. This containment area should be constructed of wooden boards with a polyethylene liner, as described above.

12. Materials used in construction of the decontamination basin or pad should be disassembled and placed into a properly labeled drum for future disposal.

13. All drilling equipment and the drill rig should be decontaminated on arrival onsite and before the start of any drilling activity. On completion of site work, the drilling equipment and rig should be decontaminated by the drilling contractor before departure from the site.

Standard Operating Procedure - 16

Decontamination of Submersible Pumps

Materials:

Field logbook
Personal protective equipment (PPE)
Polyethylene sheeting
Garbage bags
Nonphosphate detergent (e.g., Liquinox or Alconox)
Tap water
Deionized water
Two containers (e.g., garbage cans, buckets, plastic tubs)
Nylon brushes
Isopropanol
Spray bottles
Paper towels

Note: To limit the potential for cross-contamination between wells, wells should be pumped in the order of increasing constituent concentrations whenever possible. This SOP assumes that dedicated tubing is being used at each well. If dedicated tubing is not being used, the tubing should also be decontaminated using the following procedures.

Decontamination Procedure:

1. Use appropriate PPE as specified in the site-specific health and safety plan.

2. Prepare a decontamination area by spreading polyethylene sheeting on a firm, flat surface (if possible). Create a berm around the decontamination area to contain inadvertent spillage. A berm can be created by rolling under the edges of the polysheeting or by draping the plastic over a wooden frame, etc.

3. Place two clean containers (e.g., garbage cans, buckets, plastic tubs) on the polysheeting. Place tap water in one container with non-phosphate detergent. Place only tap water in the second container. The containers may also be lined with garbage bags.

4. If an oily film or residue is observed on the pump or leads when they are removed from the well, the pump should be sprayed with isopropanol to remove the oil and then wiped clean with paper towels before proceeding with Step 5 below. The oily rinsate should be contained in a separate container for proper disposal.

5. Place the pump and wire leads in the container of non-phosphate detergent and tap water and scrub the exterior of the pump with a brush. Circulate the soapy solution through the pump for at least 5 minutes. Rinse the exterior of the pump and leads with additional tap water to remove excess soap (if necessary) before proceeding with Step 6.

6. Place the pump and leads in the container of tap water and run the pump for a least 5 minutes. Run water through the pump until all residual detergent has been removed. The soapy solution and rinse water should be changed when it becomes oily or too silty.

7. Remove the pump and leads from the rinse water. Spray off the pump thoroughly with deionized water and wipe it dry with clean paper towels. Wipe off the wire leads with a paper towel soaked with deionized water.

8. Wrap the pump and leads in plastic sheeting or a new plastic garbage bag to prevent possible contamination during transportation. Label the sheeting or bag with the date of decontamination for future reference.

9. Properly manage all PPE and decontamination rinsate in accordance with state and federal requirements (See SOP 26). The spent wash water and rinse water can potentially be placed in the facility's waste water treatment system. However, field personnel should obtain approval from facility personnel and from the local POTW.

Standard Operating Procedure – 20

Sample Shipping Procedures

Materials:

Suitable shipping container (e.g., plastic cooler or lab supplied styrofoam cooler)
Chain-of-custody forms
Custody seals
ESC Engineering mailing labels
Strapping, clear packing, or duct tape
Ziploc® plastic bags
Knife or scissors
Permanent marker
Latex or nitrile gloves
Large plastic garbage bag
Wet ice
Bubble wrap or other packing material
Universal sorbent materials
Sample container custody seals (if required)
Federal Express form (with ESC Engineering account number)
Vermiculite (or commercially available cat litter)

Procedures:

For shipping purposes, samples are segregated into two classes; environmental samples and restricted articles (i.e., hazardous materials). Environmental samples can also be categorized based on expected or historical analyte concentrations (i.e., low or high). An environmental sample is one that is not defined as a hazardous material by the Department of Transportation (DOT, 49 CFR Part 171.8). The DOT defines a "hazardous material" as a substance which has been determined by the Secretary of Transportation to be capable of posing an unreasonable risk to health, safety, and property when transported in commerce, and which has been so designated. Any material of a suspected hazardous nature, previously characterized as hazardous, or known to be hazardous is considered a restricted article.

In general, the two major concerns in shipping samples are protecting the samples from incidental breakage during shipment and complying with applicable DOT and courier requirements for restricted article shipments.

Protecting the samples from incidental breakage can be achieved using "common sense." All samples should be packed in a manner that will not allow them to freely move about in the cooler or shipping container. Glass surfaces should not be allowed to contact each other. When possible, repack the samples in the same materials that they were originally received in from the laboratory. Each container should be cushioned with plastic bubble wrap, styrofoam, or other nonreactive cushioning material. Shipping hazardous materials should conform to the packaging, marking, labeling, and shipping instructions identified in 49 CFR Parts 172 & 173.

Environmental samples shall be packed for shipment using the following procedures:

1. Line the shipping container with a large, heavy-duty plastic garbage bag. Place universal sorbent materials (e.g., sorbent pads) between the cooler and the heavy-duty plastic bag. The amount of sorbent material should be sufficient to absorb the volume of wet ice and aqueous samples. If using a plastic cooler, securely tape the drain plug closed on the outside of the cooler.

2. Place 2-4 inches of bubble wrap or other packing material inside the heavy-duty plastic bag in the bottom of the cooler.

3. The sample packer should wear latex or nitrile gloves when handling the samples during the packing process.

4. Place the bottles in the cooler with sufficient space to allow for the addition of more bubble wrap or other packing material between the bottles. Large or heavy sample containers should be placed on the bottom of the cooler with lighter samples (i.e., VOAs) placed on top to eliminate breakage.

5. Place the "wet ice" inside two sealed heavy-duty zipper-style plastic bags and package the bags of ice on top of or between the samples. Pack enough ice in the cooler to chill the samples during transit. If the cooler is shipped on a Friday or Saturday for Monday delivery, double the amount of ice placed in the cooler (Monday delivery should be used only as a last resort). Fill all remaining space with bubble wrap or other packing material. Securely close and seal with tape the top of the heavy-duty plastic bag.

6. Place chain-of-custody form (and, if applicable, CLP traffic reports) into a Ziploc® plastic bag and affix to the cooler's inside lid, then close the cooler. Securely fasten the top of the cooler shut with tape. Place two signed and dated chain-of-custody seals on the top and sides of the cooler so that the cooler cannot be opened without breaking the seals.

7. Once cooler is sealed, shake test the cooler to make sure that there are no loose sample containers in the cooler. If loose samples are detected, open the cooler and repack the samples.

8. Using clear tape, affix a mailing label with ESC Engineering' return address to the top of the cooler.

9. Ship samples via priority overnight express to the contracted analytical laboratory for next morning delivery. If applicable, check the appropriate box on the airbill for Saturday delivery.

10. Declare value of samples on the shipping form for insurance purposes. The declared value should reflect the cost to recollect the samples.

11. Record the tracking numbers from the Federal Express forms in the field notebook and on the chain of custody form. Also, retain the customer's copy of the Federal Express airbill.

Hazardous materials should be packed according to the above procedures with the following additions:

1. Place samples in individual Ziploc® plastic bags and secure with a plastic tie or tape.

2. Place samples in paint cans in a manner which would prevent bottle breakage (i.e., do not place glass against glass).

3. Place vermiculite or other absorbent packing material in the paint can around the samples. The amount of packing material used should be sufficient to absorb the entire contents of the sample if the container is broken during shipment.

4. Secure a lid to the paint can with can clips and label the outside of the can with sample numbers and quantity. Mark the paint can with "This End Up" and arrow labels that indicate the proper upward position of the paint can.

5. Package the paint cans in DOT-authorized boxes or coolers, with appropriate DOT shipping labels and markings on two adjacent sides of the box or cooler.

6. Ship the restricted articles via overnight courier following the courier's documentation requirements. A special airbill must be completed for each shipment. Retain a copy of the airbill for ESC Engineering records and tracking purposes, if necessary.

Standard Operating Procedure – 25

Groundwater Sampling Using Geoprobe® System or Equivalent

Application:

To perform groundwater sampling using hydraulically-driven screen point sampling equipment (GeoProbe® System or Equivalent).

Materials:

Stainless steel probe rods with treads sealed with Teflon® tape or O-rings
Stainless steel screen point sampler
Stainless steel mini-bailer
Teflon®-coated stainless steel wire or thin nylon line
Polyethylene tubing (3/8-inch) fitted with a stainless steel check valve
Silicone tubing
0.45-micron filter
Peristaltic pump
Sample bottles, labels, indelible markers, and clear tape
Nitrile or latex gloves

Procedure:

1. Decontaminate all down-hole equipment before conducting sampling activities at each location. Ensure that the sampling location has been cleared of all underground utilities.

2. Drive the stainless steel point sampler into the subsurface material. The design of the sampler should allow the screen to remain retracted within the probe rods until it is driven to the appropriate sampling depth.

3. After reaching the desired depth, pull back on the stainless steel sheath to expose the screen. The point on the probe rods will be displaced and is not recoverable[a].

4. Purging is not required for probes that are sealed and opened at the target depth for sample collection. Exposed probes that are driven through the soil to the desired water sample depth must be purged of a minimum of three probe-rod volumes of water before sampling is conducted.

5. Groundwater samples can be collected using a mini-bailer lowered on Teflon®-coated stainless steel wire or nylon line inside the probe rods. Another method of sample collection involves the use of a clean section of 3/8-inch polyethylene tubing fitted with a stainless steel bottom check valve. The polyethylene tubing is inserted down the probe rods to the desired sampling depth. Oscillate the polyethylene tubing up and down to drive a column of water to the surface. A peristaltic pump may be attached to the sample tubing and used to pump water to the surface. The peristaltic pump should not be used to collect samples for VOC analysis.

6. Immediately collect samples for VOC analysis, if required. Transfer the groundwater directly form the sampling equipment (mini-bailer, polyethylene tubing) to the sample containers. If analyzing for dissolved metals, the sample must be filtered in the field. See note below with regards to field filtering of metal samples.

7. Seal and label each sample container and place in a cooler with ice or freezer packs to maintain 4° Celsius for shipment to the analytical laboratory.

8. Complete the chain-of-custody form with appropriate sampling information.

    a) Where samples are collected from depths greater than 15-20 feet below the water table, a water level indicator may be inserted into the rods before exposing the screen to determine whether water is entering through the rod joints or disposable probe point.

Field Filtering of Metal Samples:

1. Assemble peristaltic pump per operating manual instructions that accompany the pump. Silicone tubing is generally used though the head of the pump.

2. Attach polyethylene tubing to the inflow end of the silicone tubing. The polyethylene tubing should be long enough to extend to the bottom of the screen point. Attach a clean filter to the outflow end of the silicone tubing.

3. Turn on the pump and slowly draw the water from the sampling equipment, through the pump and filter, and into the sample container. If sediment is visible in the sample container, filter break-through has occurred and the sampling and filtering process will need to be repeated.

4. Disassemble the pump head and discard the tubing and filter.

Appendix C – Boring Logs

Boring Log: MW-31

Project: Former General Instrument
Project No.: 148992
Location: Sherburne, NY
Completion Date: November 18, 2005

Surface Elevation (feet AMSL*): 1,048.40
TOC Elevation (feet AMSL*): 1,050.54
Total Depth (feet): 20
Borehole Diameter (inches): 8.25

**AMSL = Above mean sea level*

Depth	Sample/Interval	PID/OVM (ppm)	Blow Count	% Recovery	Lithology	Description	Well Details
						Ground Surface	
2	1	0.7	0 0 2 3	25		***Silt*** Dark yellowish-brown (10YR 3/4) silt, trace woody debris; loose; dry.	
4	2	0.0	5 5 7 7	75		***Poorly-Graded Sand (SP)*** Olive brown (2.5Y 4/4) silt, trace fine-grained sand; dense; dry, becoming moist between 3.4 and 3.5 feet.	
6	3	NA	2 3 3 3	50		***Poorly-Graded Sand with Gravel (SP)*** Olive brown (2.5Y 4/4) fine to medium-grained sand, little to some gravel, trace silt; loose; wet.	
8	4	NA	3 1 1 1	75		***Poorly-Graded Sand (SP)*** Olive brown (2.5Y 4/4) fine to medium-grained sand, trace fine-grained gravel, trace silt; medium dense to dense; wet; faint solvent-like odor between 5.0 and 6.0 feet.	
10	5	NA	1 1 1 1	25		***Silty Gravel (GM)*** Olive brown (2.5Y 4/4) gravel, some silt, trace fine to medium-grained sand; dense; wet.	
12	6	NA	2 3 2 3	25		***Silty Sand with Gravel (SM)*** Olive brown (2.5Y 4/4) fine-grained sand, little to some silt, little to some fine to coarse-grained gravel; loose; wet.	
14	7	NA	2 2 3 5	50			
16	8	NA	4 4 5 5	100		***Poorly-Graded Sand (SP)*** Olive brown (2.5Y 4/4) fine to medium-grained sand, trace fine-grained gravel, trace silt; loose; wet.	
18	9	NA	5 6 7 8	50		***Poorly-Graded Sand (SP)*** Olive brown (2.5Y 4/4) fine to coarse-grained sand, trace gravel; loose; wet.	
20	10	NA	7 3 5 6	25		***Silty Sand with Gravel (SM)*** Olive brown (2.5Y 4/4) fine to medium-grained sand, some silt, little fine to coarse-grained gravel; medium dense; wet.	

Geologist(s): David P. Bouchard
Subcontractor: Parratt Wolff, Inc.
Driller/Operator: Ian Grassy
Method: Hollow Stem Auger

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5 Sullivan Street
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(315) 655-3900

Boring Log: MW-31

Project: Former General Instrument
Project No.: 148992
Location: Sherburne, NY
Completion Date: November 18, 2005

Surface Elevation (feet AMSL*): 1,048.40
TOC Elevation (feet AMSL*): 1,050.54
Total Depth (feet): 20
Borehole Diameter (inches): 8.25

**AMSL = Above mean sea level*

Sample Data					Subsurface Profile		
Depth	Sample/Interval	PID/OVM (ppm)	Blow Count	% Recovery	Lithology	Description	Well Details
22						***Poorly-Graded Sand with Gravel (SP)*** Olive brown (2.5Y 4/4) silt, little to some gravel; medium dense; wet.	
						Silt (ML) Dark gray (2.5Y 4/1) silt, little clay; dense; wet.	
24						Bottom of Boring at 20 feet	
26							
28							
30							
32							
34							
36							
38							
40							

Geologist(s): David P. Bouchard
Subcontractor: Parratt Wolff, Inc.
Driller/Operator: Ian Grassy
Method: Hollow Stem Auger

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5 Sullivan Street
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(315) 655-3900

Boring Log: MW-32

Project: Former General Instrument
Project No.: 148992
Location: Sherburne, NY
Completion Date: November 18, 2005

Surface Elevation (feet AMSL*): 1,047.42
TOC Elevation (feet AMSL*): 1,048.92
Total Depth (feet): 16
Borehole Diameter (inches): 8.25

**AMSL = Above mean sea level*

Depth	Sample/Interval	PID/OVM (ppm)	Blow Count	% Recovery	Lithology	Description	Well Details
						Ground Surface	
2	1	0.0	2 2 3 3	50		***Silt (ML)*** Olive brown (2.5Y 4/4) silt; medium dense to very dense; dry, mottled and iron-oxide stained between 3.0 and 4.0 feet.	
4	2	0.0	3 3 3 5	75			
6	3	NA	2 2 2 1	50		***Gravelly Silt with Sand (ML)*** Olive brown (2.5Y 4/3) silt, some gravel, little fine to medium-grained sand; medium dense; wet.	
8	4	NA	1 1 1 1	25		***Silty Gravel with Sand (GM)*** Olive brown (2.5Y 4/3) fine to coarse-grained gravel, some silt, little fine to medium-grained sand; loose; wet.	
10	5	NA	5 7 4 4	50		***Gravelly Silt with Sand (ML)*** Olive brown (2.5Y 4/3) silt, little fine-grained sand, little fine to coarse-grained gravel; loose; wet.	
12	6	NA	4 5 6 6	50		***Silty Gravel with Sand (GM)*** Olive brown (2.5Y 4/3) fine to coarse-grained gravel, little silt, little fine to medium-grained sand; loose; wet.	
14	7	NA	6 7 4 3	100		***Poorly-Graded Sand (SP)*** Olive brown (2.5Y 4/3) fine to coarse-grained sand, trace gravel; medium dense; wet.	
16	8	NA	2 2 2 2	75		***Silty Gravel with Sand (GM)*** Olive brown (2.5Y 4/3) gravel, little silt, little fine to medium-grained sand; loose; wet.	
18						***Silt (ML)*** Very dark gray (2.5Y 3/1) silt, little clay; medium dense; moist.	
20						Bottom of Boring at 16 feet	

Geologist(s): David P. Bouchard
Subcontractor: Parratt Wolff, Inc.
Driller/Operator: Ian Grassy
Method: Hollow Stem Auger

Environmental Strategies Consulting LLC
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(315) 655-3900

Boring Log: MW-33

Project: Former General Instrument
Project No.: 148992
Location: Sherburne, NY
Completion Date: November 17, 2005

Surface Elevation (feet AMSL*): 1,047.03
TOC Elevation (feet AMSL*): 1,049.13
Total Depth (feet): 16
Borehole Diameter (inches): 8.25

**AMSL = Above mean sea level*

Sample Data					Subsurface Profile		
Depth	Sample/Interval	PID/OVM (ppm)	Blow Count	% Recovery	Lithology	Description	Well Details
						Ground Surface	
0	1	NR	1 2 2 3	50		***Silt (ML)*** Dark grayish-brown (2.5Y 4/2) silt; medium dense; moist.	
2	2	NR	3 3 4 4	75		***Silt (ML)*** Light olive brown (2.5Y 5/3) silt, little clay; dense; moist, mottled.	
4	3	NA	3 4 3 4	25		***Sandy Silt (ML)*** Light olive brown (2.5Y 5/3) silt, little to some fine-grained sand; dense; dry, some mottling and iron-oxide staining.	
6	4	NA	3 3 2 3	50		***Poorly-Graded Sand with Gravel (SP)*** Olive brown (2.5Y 4/3) fine to coarse-grained sand, some fine to coarse-grained gravel; loose to medium dense; wet.	
8	5	NA	1 1 2 1	50		***Poorly-Graded Gravel with Sand (GP)*** Dark olive brown (2.5Y 3/3) fine to coarse-grained gravel, little fine to coarse-grained sand, little silt; loose; wet.	
10	6	NA	2 1 1 1	25			
12	7	NA	- - - -	50		***Poorly-Graded Gravel with Silt and Sand (GP-GM)*** Dark olive brown (2.5Y 3/3) fine to coarse-grained gravel, some medium to coarse-grained sand, trace to little silt; loose; wet.	
14	8	NA	0 2 3 3	50		***Silt (ML)*** Very dark gray (2.5Y 3/1) silt, trace fine-grained sand; medium dense; wet, becoming moist between 15.2 and 16.0 feet.	
16						Bottom of Boring at 16 feet	
18							
20							

Geologist(s): David P. Bouchard
Subcontractor: Parratt Wolff, Inc.
Driller/Operator: Ian Grassy
Method: Hollow Stem Auger

Environmental Strategies Consulting LLC
5 Sullivan Street
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(315) 655-3900

Boring Log: MW-34

Project: Former General Instrument
Project No.: 148992
Location: Sherburne, NY
Completion Date: November 18, 2005

Surface Elevation (feet AMSL*): 1,046.39
TOC Elevation (feet AMSL*): 1,048.38
Total Depth (feet): 16
Borehole Diameter (inches): 8.25

**AMSL = Above mean sea level*

Depth	Sample/Interval	PID/OVM (ppm)	Blow Count	% Recovery	Lithology	Description	Well Details
						Ground Surface	
0–2	1	0.0	0 2 4 4	50		***Silt (ML)*** Olive brown (2.5Y 4/4) silt; medium dense; dry.	
2–4	2	0.0	5 5 5 5	50		***Silt (ML)*** Olive brown (2.5Y 4/4) silt, little clay; moist, becoming wet at 4.0 feet, mottled between 3.5 and 4.0 feet.	
4–6	3	NA	2 3 2 3	25		***Gravelly Silt with Sand (ML)*** Olive brown (2.5Y 4/4) silt, some gravel, little fine to medium-grained sand; loose; wet.	
6–8	4	NA	3 3 5 8	50		***Silty Gravel with Sand (GM)*** Olive brown (2.5Y 4/4) gravel, little fine to medium-grained sand, little silt; medium dense; wet; faint solvent-like odor.	
8–10	5	NA	4 5 4 4	25		***Poorly-Graded Gravel with Sand (GP)*** Olive brown (2.5Y 4/4)fine to coarse-grained gravel, little to some medium to coarse-grained sand; loose; wet.	
10–12	6	NA	3 3 5 4	75		***Poorly-Graded Sand with Gravel (SP)*** Olive brown (2.5Y 4/3) fine to medium-grained sand and gravel, little silt; loose; wet.	
12–14	7	NA	7 11 14 14	75		***Poorly-Graded Sand (SP)*** Dark olive brown (2.5Y 3/3) fine to medium-grained sand, trace gravel; loose; wet.	
14–16	8	NA	- - - -	50		***Poorly-Graded Gravel with Sand (GP)*** Olive brown (2.5Y 4/3) fine to coarse-grained gravel, some medium to coarse-grained sand, trace silt; medium dense; wet.	
16–18						***Silt (ML)*** Very dark gray (2.5Y 3/1) silt, little clay; very dense; moist.	
18–20						Bottom of Boring at 16 feet	

Geologist(s): David P. Bouchard
Subcontractor: Parratt Wolff, Inc.
Driller/Operator: Ian Grassy
Method: Hollow Stem Auger

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(315) 655-3900

Boring Log: MW-35

Project: Former General Instrument
Project No.: 148992
Location: Sherburne, NY
Completion Date: November 21, 2005

Surface Elevation (feet AMSL*): 1,047.32
TOC Elevation (feet AMSL*): 1,049.85
Total Depth (feet): 24
Borehole Diameter (inches): 8.25

**AMSL = Above mean sea level*

Depth	Sample/Interval	PID/OVM (ppm)	Blow Count	% Recovery	Lithology	Description	Well Details
						Ground Surface	
2	1	0.0	2 2 4 4	50		***Silt (ML)*** Dark olive brown (2.5Y 3/3) silt, trace gravel; medium dense; dry.	
4	2	0.0	3 3 3 3	100		***Silt with Sand (ML)*** Dark olive brown (2.5Y 3/3) silt, little fine-grained sand; moist, becoming wet at 4.0 feet, mottled between 3.6 and 4.0 feet.	
6	3	NA	2 3 5 5	25		***Silty Gravel with Sand (GM)*** Olive brown (2.5Y 4/4) fine to coarse-grained gravel, little to some silt, little fine to coarse-grained sand; loose to medium dense; wet.	
8	4	NA	3 5 7 10	25			
10	5	NA	5 8 9 9	50			
12	6	NA	5 5 6 8	50			
14	7	NA	6 8 10 11	50			
16	8	NA	3 5 8 10	75			
18	9	NA	10 12 10 8	100		***Poorly-Graded Sand (SP)*** Dark olive brown (2.5Y 3.3) fine to medium-grained sand; medium dense; wet.	
20	10	NA	4 7 8 12	0		***Silty Gravel with Sand (GM)*** Olive brown (2.5Y 4/4) gravel, some fine to coarse-grained sand, little silt; loose to dense; wet.	

Geologist(s): David P. Bouchard
Subcontractor: Parratt Wolff, Inc.
Driller/Operator: Ian Grassy
Method: Hollow Stem Auger

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5 Sullivan Street
Cazenovia, NY 13035
(315) 655-3900

Boring Log: MW-35

Project: Former General Instrument
Project No.: 148992
Location: Sherburne, NY
Completion Date: November 21, 2005

Surface Elevation (feet AMSL*): 1,047.32
TOC Elevation (feet AMSL*): 1,049.85
Total Depth (feet): 24
Borehole Diameter (inches): 8.25

**AMSL = Above mean sea level*

Sample Data					Subsurface Profile		
Depth	Sample/Interval	PID/OVM (ppm)	Blow Count	% Recovery	Lithology	Description	Well Details
22	11	NA	8 10 6 7	50		***Silty Gravel with Sand (GM)*** Olive brown (2.5Y 4/4) gravel, some fine to coarse-grained sand, little silt; loose to dense; wet.*(continued)*	
	12	NA	10 11 5 6	75			
24						***Silt (ML)*** Very dark gray (2.5Y 3/1) silt, little clay; dense; moist.	
						Bottom of Boring at 24 feet	
26							
28							
30							
32							
34							
36							
38							
40							

Geologist(s): David P. Bouchard
Subcontractor: Parratt Wolff, Inc.
Driller/Operator: Ian Grassy
Method: Hollow Stem Auger

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5 Sullivan Street
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Boring Log: MW-36

Project: Former General Instrument
Project No.: 148992
Location: Sherburne, NY
Completion Date: November 21, 2005

Surface Elevation (feet AMSL*): 1,046.80
TOC Elevation (feet AMSL*): 1,048.06
Total Depth (feet): 22
Borehole Diameter (inches): 8.25

**AMSL = Above mean sea level*

Depth	Sample/Interval	PID/OVM (ppm)	Blow Count	% Recovery	Lithology	Description	Well Details
						Ground Surface	
2	1	0.0	5 4 16 4	50		***Silt (ML)*** Olive brown (2.5Y 4/3) silt, trace coarse-grained gravel; medium dense; dry.	
4	2	0.0	3 3 3 3	50		***Silt (ML)*** Very dark gray (2.5Y 3/1) silt, trace organic material; medium dense; moist.	
6	3	0.0	1 1 5 9	25		***Silt (ML)*** Olive brown (2.5Y 4/3) silt, trace gravel, wood debris in cutting shoe; medium dense; moist.	
8	4	NA	9 6 9 10	12.5		***Silt (ML)*** Olive brown (2.5Y 4/3) silt, trace gravel and fine-grained sand; loose; wet.	
10	5	NA	4 6 10 10	100		***Silt (ML)*** Very dark grayish-brown (2.5Y 3/2) silt, trace to little fine to coarse-grained gravel, gravel increases with depth; loose wet.	
12	6	NA	6 8 7 10	75		***Silty Gravel with Sand (GM)*** Olive brown (2.5Y 4/3) gravel, little to some fine to coarse-grained sand, little silt; medium dense; wet.	
14	7	NA	10 14 15 18	75		***Poorly-Graded Sand (SP)*** Very dark gray (2.5Y 3/1) fine to coarse-grained sand, trace fine to medium-grained gravel; loose; wet.	
16	8	NA	8 12 17 20	75		***Silty Gravel with Sand (GM)*** Olive brown (2.5Y 4/3) gravel, some fine to coarse-grained sand, little silt; medium dense to dense; wet.	
18	9	NA	11 16 20 10	50			
20	10	NA	6 7 7 8	25			

Geologist(s): David P. Bouchard
Subcontractor: Parratt Wolff, Inc.
Driller/Operator: Ian Grassy
Method: Hollow Stem Auger

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5 Sullivan Street
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(315) 655-3900

Boring Log: MW-36

Project: Former General Instrument
Project No.: 148992
Location: Sherburne, NY
Completion Date: November 21, 2005

Surface Elevation (feet AMSL*): 1,046.80
TOC Elevation (feet AMSL*): 1,048.06
Total Depth (feet): 22
Borehole Diameter (inches): 8.25

**AMSL = Above mean sea level*

Sample Data					Subsurface Profile		
Depth	Sample/Interval	PID/OVM (ppm)	Blow Count	% Recovery	Lithology	Description	Well Details
22	11	NA	4 11 8 6	50		***Silt (ML)*** Very dark grayish-brown (2.5Y 3/3) silt, little clay; very dense; moist. Bottom of Boring at 22 feet	

Geologist(s): David P. Bouchard
Subcontractor: Parratt Wolff, Inc.
Driller/Operator: Ian Grassy
Method: Hollow Stem Auger

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(315) 655-3900

Boring Log: MW-37

Project: Former General Instrument
Project No.: 148992
Location: Sherburne, NY
Completion Date: November 17, 2005

Surface Elevation (feet AMSL*): 1,047.70
TOC Elevation (feet AMSL*): 1,049.50
Total Depth (feet): 16
Borehole Diameter (inches): 8.25

**AMSL = Above mean sea level*

Sample Data					Subsurface Profile		
Depth	Sample/Interval	PID/OVM (ppm)	Blow Count	% Recovery	Lithology	Description	Well Details
						Ground Surface	
2	1	NR	1 2 4 3	50		***Silt (ML)*** Dark olive brown (2.5Y 3/3) silt; medium dense; dry.	
4	2	NR	2 3 5 6	50		***Silt (ML)*** Dark olive brown (2.5Y 3/3) silt; medium dense, trace fine-grained sand and gravel; moist, becoming wet between 3.3 and 3.4 feet.	
6	3	NA	3 4 4 3	50		***Poorly-Graded Gravel with Silt and Sand (GP-GM)*** Dark olive brown (2.5Y 3/3) fine to coarse-grained gravel, little to some fine to coarse-grained sand, trace to little silt; loose to medium dense; wet.	
8	4	NA	5 4 6 5	50			
10	5	NA	8 9 8 8	25			
12	6	NA	8 6 5 8	50			
14	7	NA	- - - -	100			
16	8	NA	3 2 3 2	100		***Silt (ML)*** Olive brown (2.5Y 4/4) silt, trace fine grained-sand; medium dense; wet.	
18						***Silt (ML)*** Very dark gray (2.5Y 3/1) silt, little clay; very dense; moist.	
20						Bottom of Boring at 16 feet	

Geologist(s): David P. Bouchard
Subcontractor: Parratt Wolff, Inc.
Driller/Operator: Ian Grassy
Method: Hollow Stem Auger

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Boring Log: MW-38

Project: Former General Instrument
Project No.: 148992
Location: Sherburne, NY
Completion Date: November 17, 2005

Surface Elevation (feet AMSL*): 1,047.50
TOC Elevation (feet AMSL*): 1,049.61
Total Depth (feet): 14
Borehole Diameter (inches): 8.25

**AMSL = Above mean sea level*

Depth	Sample/Interval	PID/OVM (ppm)	Blow Count	% Recovery	Lithology	Description	Well Details
						Ground Surface	
2	1	NR	2 2 3 3	50		***Silt (ML)*** Olive brown (2.5Y 4/3) silt, trace fine-grained sand; medium dense; dry, becoming moist between 2.25 feet and 3.5 feet, becoming wet between 3.5 and 3.8 feet.	
4	2	NA	3 4 5 5	88			
6	3	NA	0 0 2 2	25		***Silt with Sand (ML)*** Olive brown (2.5Y 4/4) silt, some fine to medium-grained sand; medium dense; wet.	
8	4	NA	3 4 4 5	50		***Poorly-Graded Sand with Gravel (SP)*** Olive brown (2.5Y 4/3) fine to medium-grained sand, some fine gravel; loose; wet.	
10	5	NA	5 5 6 7	25		***Poorly-Graded Sand with Silt and Gravel (SP-SM)*** Olive brown (2.5Y 4/3) fine to coarse-grained sand, some fine to coarse-grained gravel, trace to little silt; loose to medium dense; wet.	
12	6	NA	4 5 6 7	50			
14	7	NA	7 8 5 4	100		***Silt (ML)*** Olive brown (2.5Y 4/3) silt, little clay; medium dense; moist.	
16						Bottom of Boring at 14 feet	
18							
20							

Geologist(s): David P. Bouchard
Subcontractor: Parratt Wolff, Inc.
Driller/Operator: Ian Grassy
Method: Hollow Stem Auger

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5 Sullivan Street
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(315) 655-3900

Boring Log: MW-39

Project: Former General Instrument
Project No.: 148992
Location: Sherburne, NY
Completion Date: November 22, 2005

Surface Elevation (feet AMSL*): 1,047.36
TOC Elevation (feet AMSL*): 1,049.31
Total Depth (feet): 12
Borehole Diameter (inches): 8.25

**AMSL = Above mean sea level*

Depth	Sample/Interval	PID/OVM (ppm)	Blow Count	% Recovery	Lithology	Description	Well Details
						Ground Surface	
2	1	0.0	1 1 2 3	37.5		***Silt (ML)*** Olive brown (2.5Y 4/3) silt, trace gravel; loose to medium dense; moist.	
4	2	0.0	3 3 3 3	75			
6	3	NA	1 1 2 2	25		***Silty Gravel with Sand (GM)*** Olive brown (2.5Y 4/3) gravel, little silt and fine-grained sand; loose wet.	
8	4	NA	4 5 5 6	25			
10	5	NA	3 3 5 5	50		***Silty Gravel with Sand (GM)*** Olive brown (2.5Y 4/3) gravel, some coarse-grained sand, little silt; loose; wet.	
12	6	NA	1 2 2 2	75		***Silt (ML)*** Olive brown (2.5Y 4/3) to gray (2.5Y 5/1) silt; trace to little clay; dense; wet.	
14						Bottom of Boring at 12 feet	
16							
18							
20							

Geologist(s): Erik S. Reinert
Subcontractor: Parratt Wolff, Inc.
Driller/Operator: Ian Grassy
Method: Hollow Stem Auger

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(315) 655-3900

Appendix D – Low Flow Groundwater Sampling Monitoring Forms

ESC Engineering of New York, P.C.
5 Sullivan Street
Cazenovia, NY 13035 v. (315) 655-3900 f. (315) 655-3907

Groundwater Sampling
Monitoring Form

Well ID	**MW-2**	**Project No.**	**148992**	**Sample Date:**	12/20/2005
Well Diameter	2 in	**Location (Site/Facility)**	**Former General Instrument Site**		
Depth to Water	5.71 ft	**Decon Procedures:**	Non-phosphate soap and DI rinse		
Total Depth	16.32 ft	**Field Personnel**	DTW	**Notes:**	
Screen Length	10 ft	**Weather Conditions**	Light Snow		
Pump Intake	11 ft	**Equipment:**	QED Sample Pro (Teflon) Bladder pumps & MP-15 Controllers driven with compressed CO_2		

Stabilized: ±10-percent for temperature, turbidity, DO, and ORP; ±0.1 unit for pH; and ± 3-percent for specific conductance

Instrument Calibration Information

pH Meter Calibration			Horiba U-22 Calibration
pH 7.00 Std.	pH 4.01 Std.	Sl. (mV/pH)	Notes on calibration:
NA	NA	NA	Calibrated to manufacturer's specifications
Air temp =	12 ºF		

Well Purging Information — Start purge @: 1018 — End purge @: 1105 — Pump Type: Bladder

Time	DTW	Purge Volume (L)	pH	Conductivity (mS/m)	Turbidity (NTU)	D.O. (mg/l) *	T (ºC)	ORP/Eh (mV)	Flow Rate (mL/min)	Comments
1018	5.71	0.0								
1022	5.71	0.5	6.16	65	13.4	0.72	6.8	108	300	silty
1026	5.71	1.7	6.21	62	39.0	0.00	9.7	67	300	
1030	5.71	2.9	6.49	65	999.0	0.00	9.6	27	300	Black silt, air buble on NTU meter
1034	5.71	4.1	6.78	67	43.1	0.00	8.8	1	200	bubble off of NTU Meter
1038	5.71	5.3	6.86	67	17.6	0.00	9.2	-11	100	
1042	5.71	5.5	7.00	73	-3.5	0.00	9.4	-30	100	clear
1046	5.71	5.9	7.05	74	-5.3	0.00	9.0	-36	100	clear
1050	5.71	6.3	7.04	75	-5.7	0.00	9.4	-38	100	clear
1054	5.71	6.7	7.04	77	-10.0	0.00	9.5	-40	100	clear
1100	Collect Sample MW-2									
1105	Collect MS/MSD Sample from MW-2									

ESC Engineering of New York, P.C.
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Cazenovia, NY 13035 v. (315) 655-3900 f. (315) 655-3907

Groundwater Sampling
Monitoring Form

Well ID	**MW-8**	**Project No.**	**148992**	**Sample Date:**	12/20/2005
Well Diameter	2 in	**Location (Site/Facility)**	**Former General Instrument Site**		
Depth to Water	3.7 ft	**Decon Procedures:**	Non-phosphate soap and DI rinse		
Total Depth	16.16 ft	**Field Personnel**	ESR/BAM	**Notes:**	
Screen Length	10 ft	**Weather Conditions**	Cold and partly sunny		
Pump Intake	8 ft	**Equipment:**	QED Sample Pro (Teflon) Bladder pumps & MP-15 Controllers driven with compressed CO_2		

Stabilized: ±10-percent for temperature, turbidity, DO, and ORP; ±0.1 unit for pH; and ± 3-percent for specific conductance

Instrument Calibration Information

pH Meter Calibration			Horiba U-22 Calibration
pH 7.00 Std.	pH 4.01 Std.	Sl. (mV/pH)	Notes on calibration:
NA	NA	NA	Calibrated to manufacturer's specifications
Air temp =	10 ºF		

Well Purging Information — Start purge @: 1340 — End purge @: 1420 — Pump Type: Bladder

Time	DTW	Purge Volume (L)	pH	Conductivity (mS/m)	Turbidity (NTU)	D.O. (mg/l) *	T (ºC)	ORP/Eh (mV)	Flow Rate (mL/min)	Comments
1340	3.70	0.5	6.72	0	-10.0	0.00	11.3	-11	80	
1345	3.70	0.7	6.77	0	-10.0	0.00	11.5	-29	80	
1350	3.70	0.9								Recalibrated Horiba
1355	3.70	1.1	6.01	0	35.4	0.00	11.1	-21	80	
1400	3.70	1.3	6.23	0	32.2	0.00	11.6	-44	80	
1405	3.70	1.5	6.31	0	28.6	0.00	11.5	-55	80	
1410	3.70	1.7	6.35	0	27.7	0.00	11.2	-59	80	
1415	3.70	1.9	6.37	0	26.6	0.00	11.5	-65	80	
1420	Sample Collected and labeled MW-8 (2 VOAs). Also collected 2 VOAs labled MW-100 for blind duplicate analysis with false time of 1900.									

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Groundwater Sampling
Monitoring Form

Well ID	**MW-17**	**Project No.**	**148992**	**Sample Date:**	12/20/2005
Well Diameter	2 in	**Location (Site/Facility)**	**Former General Instrument Site**		
Depth to Water	6.38 ft	**Decon Procedures:**	Non-phosphate soap and DI rinse		
Total Depth	17.21 ft	**Field Personnel**	DTW	**Notes:**	
Screen Length	10 ft	**Weather Conditions**	Snowing		
Pump Intake	12 ft	**Equipment:**	QED Sample Pro (Teflon) Bladder pumps & MP-15 Controllers driven with compressed CO_2		

Stabilized: ±10-percent for temperature, turbidity, DO, and ORP; ±0.1 unit for pH; and ± 3-percent for specific conductance

Instrument Calibration Information

pH Meter Calibration			**Horiba U-22 Calibration**
pH 7.00 Std.	pH 4.01 Std.	Sl. (mV/pH)	Notes on calibration:
NA	NA	NA	Calibrated to manufacturer's specifications
Air temp =	12 ºF		

Well Purging Information — Start purge @: 1320 — End purge @: 1355 — Pump Type: Bladder

Time	DTW	Purge Volume (L)	pH	Conductivity (mS/m)	Turbidity (NTU)	D.O. (mg/l) *	T (ºC)	ORP/Eh (mV)	Flow Rate (mL/min)	Comments
1320	6.38									
1324	6.38	0.5	7.42	52	-10.0	1.22	5.8	102	100	clear
1328	6.38	0.9	7.37	50	-10.0	0.00	8.1	96	100	clear
1332	6.38	1.3	7.33	50	-10.0	0.00	8.9	90	100	clear
1336	6.38	1.7	7.31	50	-10.0	0.00	9.2	88	100	clear
1340	6.38	2.1	7.28	52	-10.0	0.00	9.4	91	100	clear
1344	6.38	2.5	7.28	52	-10.0	0.00	9.8	87	100	clear
1355	Collect Sample MW-17 for VOCs (2 VOAs) analysis.									

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Well ID	**MW-20**	**Project No.**	**148992**	**Sample Date:**	12/21/2005
Well Diameter	2 in	**Location (Site/Facility)**	**Former General Instrument Site**		
Depth to Water	5.64 ft	**Decon Procedures:**	Non-phosphate soap and DI rinse		
Total Depth	17.11 ft	**Field Personnel**	BAM	**Notes:**	
Screen Length	10 ft	**Weather Conditions**	Cold		
Pump Intake	12 ft	**Equipment:**	QED Sample Pro (Teflon) Bladder pumps & MP-15 Controllers driven with compressed CO_2		

Stabilized: ±10-percent for temperature, turbidity, DO, and ORP; ±0.1 unit for pH; and ± 3-percent for specific conductance

Instrument Calibration Information

pH Meter Calibration			**Horiba U-22 Calibration**
pH 7.00 Std.	pH 4.01 Std.	Sl. (mV/pH)	Notes on calibration:
NA	NA	NA	Calibrated to manufacturer's specifications
Air temp =	15 ºF		

Well Purging Information — Start purge @: 1230 — End purge @: 1525 — Pump Type: Bladder

Time	DTW	Purge Volume (L)	pH	Conductivity (mS/m)	Turbidity (NTU)	D.O. (mg/l) *	T (ºC)	ORP/Eh (mV)	Flow Rate (mL/min)	Comments
1240	5.64	0.0	5.40	1	18.0	2.56	2.0	269	80	pump stopped working
1455	5.64	0.5	5.97	1	48.7	2.35	6.5	306	100	resume purge
1500	5.64	0.7	6.06	1	55.6	1.12	7.1	287	100	
1505	5.64	1.0	6.16	1	32.2	0.89	7.1	267	100	
1510	5.64	1.3	6.10	1	29.9	0.77	7.1	266	100	
1515	5.64	1.6	6.17	1	23.7	0.62	7.2	255	100	
1520	5.64	1.9	6.22	1	21.6	0.59	7.3	246	100	
1525	Sample Collected at MW-20 for VOCs (2 VOAs).									

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Well ID	**MW-21**	**Project No.**	**148992**	**Sample Date:**	12/21/2005
Well Diameter	2 in	**Location (Site/Facility)**	**Former General Instrument Site**		
Depth to Water	6.57 ft	**Decon Procedures:**	Non-phosphate soap and DI rinse		
Total Depth	16.6 ft	**Field Personnel**	BAM	**Notes:**	
Screen Length	10 ft	**Weather Conditions**	Cloudy and light snow		
Pump Intake	12 ft	**Equipment:**	QED Sample Pro (Teflon) Bladder pumps & MP-15 Controllers driven with compressed CO_2		

Stabilized: ±10-percent for temperature, turbidity, DO, and ORP; ±0.1 unit for pH; and ± 3-percent for specific conductance

Instrument Calibration Information

pH Meter Calibration			**Horiba U-22 Calibration**
pH 7.00 Std.	pH 4.01 Std.	Sl. (mV/pH)	Notes on calibration:
NA	NA	NA	Calibrated to manufacturer's specifications
Air temp =	15 ºF		

Well Purging Information — Start purge @: 1000 — End purge @: 1050 — Pump Type: Bladder

Time	DTW	Purge Volume (L)	pH	Conductivity (mS/m)	Turbidity (NTU)	D.O. (mg/l) *	T (ºC)	ORP/Eh (mV)	Flow Rate (mL/min)	Comments
1025	6.57	0.5	5.17	1	9.6	0.44	4.8	180	80	
1030	6.57	0.7	5.15	1	10.6	0.24	5.1	176	80	
1035	6.57	0.9	5.15	1	19.6	0.18	4.9	173	80	
1040	6.57	1.1	5.16	1	8.2	0.06	4.5	169	80	
1045	6.57	1.3	5.17	1	8.3	0.07	4.5	170	80	
1050	Sample Collected for MW-21 (2 VOAs).									

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Well ID	**MW-22**	**Project No.**	**148992**	**Sample Date:**	12/21/2005
Well Diameter	2 in	**Location (Site/Facility)**	**Former General Instrument Site**		
Depth to Water	6.61 ft	**Decon Procedures:**	Non-phosphate soap and DI rinse		
Total Depth	17.51 ft	**Field Personnel**	ESR	**Notes:**	
Screen Length	10 ft	**Weather Conditions**	Cold and Snowing Lightly		
Pump Intake	13 ft	**Equipment:**	QED Sample Pro (Teflon) Bladder pumps & MP-15 Controllers driven with compressed CO_2		

Stabilized: ±10-percent for temperature, turbidity, DO, and ORP; ±0.1 unit for pH; and ± 3-percent for specific conductance

Instrument Calibration Information

pH Meter Calibration			Horiba U-22 Calibration
pH 7.00 Std.	pH 4.01 Std.	Sl. (mV/pH)	Notes on calibration:
NA	NA	NA	Calibrated to manufacturer's specifications
Air temp =	10 ºF		

Well Purging Information — Start purge @: 1555 — End purge @: 1703 — Pump Type: Bladder

Time	DTW	Purge Volume (L)	pH	Conductivity (mS/m)	Turbidity (NTU)	D.O. (mg/l) *	T (ºC)	ORP/Eh (mV)	Flow Rate (mL/min)	Comments
1558	6.61	0.0	6.44	54	999.0	2.62	12.8	221	150	silty
1603	6.61	0.8	6.58	60	999.0	0.30	13.0	219	150	clearing
1608	6.61	1.8	6.66	65	999.0	0.00	12.7	208	200	
1613	6.61	2.8	6.71	67	945.0	0.00	12.9	198	200	
1618	6.61	3.5	6.72	72	612.0	0.00	12.0	190	150	
1623	6.61	4.3	6.76	73	420.0	0.00	11.9	186	150	
1628	6.61	5.0	6.74	74	505.0	0.00	10.5	182	150	
1638	6.61	5.8	6.76	74	526.0	0.00	10.3	173	150	
1643	6.61	6.5								
1701	6.61	9.5	6.75	75	249.0	0.00	11.3	167	150	
1703	End purge. Collected sample before turbidity dropped below 50 NTU. Other parameters are stabilized.									
	Collected 2 VOAs labeled MW-22 and packed on ice.									
	Time gap in final reading is due to time spent assisting BAM with equipment troubles.									

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Well ID	**MW-23**	**Project No.**	**148992**	**Sample Date:**	12/22/2005
Well Diameter	2 in	**Location (Site/Facility)**	**Former General Instrument Site**		
Depth to Water	6.93 ft	**Decon Procedures:**	Non-phosphate soap and DI rinse		
Total Depth	22.82 ft	**Field Personnel**	ESR	**Notes:**	
Screen Length	10 ft	**Weather Conditions**	Cloudy and Cold		
Pump Intake	18 ft	**Equipment:**	QED Sample Pro (Teflon) Bladder pumps & MP-15 Controllers driven with compressed CO_2		

Stabilized: ±10-percent for temperature, turbidity, DO, and ORP; ±0.1 unit for pH; and ± 3-percent for specific conductance

Instrument Calibration Information

pH Meter Calibration			**Horiba U-22 Calibration**
pH 7.00 Std.	pH 4.01 Std.	Sl. (mV/pH)	Notes on calibration:
NA	NA	NA	Calibrated to manufacturer's specifications
Air temp =	15 ºF		

Well Purging Information — Start purge @: 1015 — End purge @: 1121 — Pump Type: Bladder

Time	DTW	Purge Volume (L)	pH	Conductivity (mS/m)	Turbidity (NTU)	D.O. (mg/l) *	T (ºC)	ORP/Eh (mV)	Flow Rate (mL/min)	Comments
1015	6.93	0.0	7.19	43	370.0	0.00	8.2	214	200	clear
1020	6.93	1.0	6.82	42	206.0	0.00	9.3	194	200	clear
1025	6.93	2.0	6.74	43	220.0	0.00	9.5	171	200	clear
1030	6.93	3.0	6.71	43	207.0	0.00	9.6	143	200	clear
1035	6.93	4.0	6.69	44	197.0	0.00	9.5	126	200	clear
1040	6.93	5.0	6.69	45	35.2	0.00	9.3	103	200	clear
1045	6.93	6.0	6.72	46	26.4	0.00	9.7	83	200	clear
1050	6.93	7.0	6.73	47	24.5	0.00	9.7	72	200	clear
1055	6.93	8.0	6.75	48	25.7	0.00	9.5	63	200	clear
1100	6.93	9.0	6.75	48	24.7	0.00	9.5	57	200	clear
1105	6.93	10.0	6.75	49	25.6	0.00	9.4	52	200	clear
1110	6.93	11.0	6.76	50	26.4	0.00	9.3	46	200	clear
1115	6.93	12.0	6.76	51	25.3	0.00	9.3	44	200	clear
1120	6.93	13.0	6.77	52	25.3	0.00	9.3	37	200	clear
1121	End Purge and Collected 2 VOAs labeled MW-23 and packed on ice.									

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Well ID	**MW-24**	**Project No.**	**148992**	**Sample Date:**	12/22/2005
Well Diameter	2 in	**Location (Site/Facility)**	**Former General Instrument Site**		
Depth to Water	7.21 ft	**Decon Procedures:**	Non-phosphate soap and DI rinse		
Total Depth	21.42 ft	**Field Personnel**	BAM	**Notes:**	
Screen Length	10 ft	**Weather Conditions**	Cloudy with light snow		
Pump Intake	16 ft	**Equipment:**	QED Sample Pro (Teflon) Bladder pumps & MP-15 Controllers driven with compressed CO_2		

Stabilized: ±10-percent for temperature, turbidity, DO, and ORP; ±0.1 unit for pH; and ± 3-percent for specific conductance

Instrument Calibration Information

pH Meter Calibration			**Horiba U-22 Calibration**
pH 7.00 Std.	pH 4.01 Std.	Sl. (mV/pH)	Notes on calibration:
NA	NA	NA	Calibrated to manufacturer's specifications
Air temp =	15 ºF		

Well Purging Information — Start purge @: 840 — End purge @: 0920 — Pump Type: Bladder

Time	DTW	Purge Volume (L)	pH	Conductivity (mS/m)	Turbidity (NTU)	D.O. (mg/l) *	T (ºC)	ORP/Eh (mV)	Flow Rate (mL/min)	Comments
0840	7.21	0.0	6.40	0	239.0	8.66	7.1	219	80	
0845	7.21	0.3	6.07	0	145.0	7.70	8.5	208	80	
0850	7.21	0.6	6.81	0	104.0	7.37	8.5	199	100	seems to be pumping slightly faster
0855	7.21	1.0	6.88	0	71.8	6.97	8.5	190	100	
0900	7.21	1.3	6.95	0	59.1	6.63	8.5	183	100	
0905	7.21	1.6	6.99	0	33.3	6.29	8.5	175	100	
0910	7.21	1.9	7.04	0	18.4	5.98	8.5	168	100	
0915	7.21	2.2	7.06	0	13.0	5.93	8.5	165	100	
0920	Sample collected for MW-24 for VOCs (2 VOAs). Labeled the samples and packed them on ice.									

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Groundwater Sampling
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Well ID	**MW-25**	**Project No.**	**148992**	**Sample Date:**	12/21/2005
Well Diameter	2 in	**Location (Site/Facility)**	**Former General Instrument Site**		
Depth to Water	7.12 ft	**Decon Procedures:**	Non-phosphate soap and DI rinse		
Total Depth	22.93 ft	**Field Personnel**	BAM	**Notes:**	
Screen Length	10 ft	**Weather Conditions**	Cold		
Pump Intake	18 ft	**Equipment:**	QED Sample Pro (Teflon) Bladder pumps & MP-15 Controllers driven with compressed CO_2		

Stabilized: ±10-percent for temperature, turbidity, DO, and ORP; ±0.1 unit for pH; and ± 3-percent for specific conductance

Instrument Calibration Information

pH Meter Calibration			**Horiba U-22 Calibration**
pH 7.00 Std.	pH 4.01 Std.	Sl. (mV/pH)	Notes on calibration:
NA	NA	NA	Calibrated to manufacturer's specifications
Air temp =	10 ºF		

Well Purging Information — Start purge @: 1700 — End purge @: 1725 — Pump Type: Bladder

Time	DTW	Purge Volume (L)	pH	Conductivity (mS/m)	Turbidity (NTU)	D.O. (mg/l) *	T (ºC)	ORP/Eh (mV)	Flow Rate (mL/min)	Comments
1700	7.12	0.2	6.70	1	328.0	2.76	7.8	128	100	
1705	7.12	0.4	6.53	1	231.0	1.90	7.7	105	100	
1710	7.12	0.6	6.58	1	63.4	1.33	8.8	77	100	
1715	7.12	0.8	6.63	1	21.1	0.94	8.6	65	100	
1720	7.12	1.0	6.66	1	14.1	0.80	8.4	60	100	
1725	Sample collected for MW-25 for VOCs (2 VOAs)									

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Groundwater Sampling
Monitoring Form

Well ID	**MW-26**	**Project No.**	**148992**	**Sample Date:**	12/22/2005
Well Diameter	2 in	**Location (Site/Facility)**	**Former General Instrument Site**		
Depth to Water	7.21 ft	**Decon Procedures:**	Non-phosphate soap and DI rinse		
Total Depth	21.42 ft	**Field Personnel**	ESR	**Notes:**	
Screen Length	10 ft	**Weather Conditions**	Partly sunny and cold		
Pump Intake	16 ft	**Equipment:**	QED Sample Pro (Teflon) Bladder pumps & MP-15 Controllers driven with compressed CO_2		

Stabilized: ±10-percent for temperature, turbidity, DO, and ORP; ±0.1 unit for pH; and ± 3-percent for specific conductance

Instrument Calibration Information

pH Meter Calibration			**Horiba U-22 Calibration**
pH 7.00 Std.	pH 4.01 Std.	Sl. (mV/pH)	Notes on calibration:
NA	NA	NA	Calibrated to manufacturer's specifications
Air temp =	20 ºF		

Well Purging Information — Start purge @: 1300 — End purge @: 1351 — Pump Type: Bladder

Time	DTW	Purge Volume (L)	pH	Conductivity (mS/m)	Turbidity (NTU)	D.O. (mg/l) *	T (ºC)	ORP/Eh (mV)	Flow Rate (mL/min)	Comments
1300	7.21	0.0	6.93	23	710.0	0.73	9.2	84	200	clear
1305	7.21	1.0	6.78	28	795.0	0.00	8.8	6.26	200	clear
1310	7.21	2.0	6.83	63	124.0	1.19	8.9	11	200	clear
1315	7.21	3.0	6.83	70	134.0	0.00	9.0	-11	200	clear
1320	7.18	4.0	6.84	72	13.1	0.00	8.6	-24	200	clear
1325	7.18	5.0	6.86	75	4.2	0.00	8.9	-35	200	clear
1330	7.18	6.0	6.88	78	1.1	0.00	9.1	-42	200	clear
1335	7.18	7.0	6.90	80	-1.5	0.00	8.9	-47	200	clear
1340	7.18	8.0	6.90	80	-1.6	0.00	9.0	-51	200	clear
1345	7.18	9.0	6.92	81	-3.5	0.00	9.4	-54	200	clear
1350	7.18	10.0	6.92	82	-3.5	0.00	9.2	-57	200	clear
1351	End Purge and collected 2 VOAs for VOC analysis. Labeled the samples MW-26 and packed them on ice.									

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Monitoring Form

Well ID	**MW-27**	**Project No.**	**148992**	**Sample Date:**	12/22/2005
Well Diameter	2 in	**Location (Site/Facility)**	**Former General Instrument Site**		
Depth to Water	6.91 ft	**Decon Procedures:**	Non-phosphate soap and DI rinse		
Total Depth	22.95 ft	**Field Personnel**	BAM	**Notes:**	
Screen Length	10 ft	**Weather Conditions**	Partly Cloudy and cold		
Pump Intake	18 ft	**Equipment:**	QED Sample Pro (Teflon) Bladder pumps & MP-15 Controllers driven with compressed CO_2		

Stabilized: ±10-percent for temperature, turbidity, DO, and ORP; ±0.1 unit for pH; and ± 3-percent for specific conductance

Instrument Calibration Information

pH Meter Calibration			**Horiba U-22 Calibration**
pH 7.00 Std.	pH 4.01 Std.	Sl. (mV/pH)	Notes on calibration:
NA	NA	NA	Calibrated to manufacturer's specifications
Air temp =	20 ºF		

Well Purging Information — Start purge @: 1030 — End purge @: 1120 — Pump Type: Bladder

Time	DTW	Purge Volume (L)	pH	Conductivity (mS/m)	Turbidity (NTU)	D.O. (mg/l) *	T (ºC)	ORP/Eh (mV)	Flow Rate (mL/min)	Comments
1030	7.21	0.0	7.24	1	-0.2	1.77	6.7	235	100	
1035	7.30	0.3	7.37	1	-5.5	0.93	5.4	187	100	
1040	7.34	0.6	7.40	1	-10.0	0.74	6.9	144	80	seems to be pumping slower
1045	7.51	0.8	7.43	1	-10.0	0.52	7.5	103	80	
1050	7.65	1.0	7.41	1	-10.0	0.42	7.4	78	80	
1055	7.78	1.2	7.39	1	-10.0	0.39	7.4	61	80	
1100	7.83	1.4	7.35	1	-10.0	0.33	7.3	49	80	
1105	7.91	1.6	7.31	1	-10.0	0.29	6.9	44	80	
1110	7.98	1.8	7.29	1	-10.0	0.25	7.0	40	80	
1115	8.04	2.0	7.27	1	-10.0	0.24	7.0	38	80	
1120	Sample collected for MW-27 to be sampled for VOCs (2 VOAs). Labeled the samples and packed them on ice.									

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Well ID	**MW-29**	**Project No.**	**148992**	**Sample Date:**	12/22/2005
Well Diameter	2 in	**Location (Site/Facility)**	**Former General Instrument Site**		
Depth to Water	4.97 ft	**Decon Procedures:**	Non-phosphate soap and DI rinse		
Total Depth	20.44 ft	**Field Personnel**	DTW	**Notes:**	
Screen Length	15 ft	**Weather Conditions**	Partly Cloudy and cold		
Pump Intake	13 ft	**Equipment:**	QED Sample Pro (Teflon) Bladder pumps & MP-15 Controllers driven with compressed CO_2		

Stabilized: ±10-percent for temperature, turbidity, DO, and ORP; ±0.1 unit for pH; and ± 3-percent for specific conductance

Instrument Calibration Information

pH Meter Calibration			**Horiba U-22 Calibration**
pH 7.00 Std.	pH 4.01 Std.	Sl. (mV/pH)	Notes on calibration:
NA	NA	NA	Calibrated to manufacturer's specifications
Air temp =	15 ºF		

Well Purging Information — Start purge @: 1430 — End purge @: 1505 — Pump Type: Bladder

Time	DTW	Purge Volume (L)	pH	Conductivity (mS/m)	Turbidity (NTU)	D.O. (mg/l) *	T (ºC)	ORP/Eh (mV)	Flow Rate (mL/min)	Comments
1430	4.97	0.0								
1434	4.97	0.5	7.30	23	98.9	7.54	8.3	42	300	clear
1438	4.97	1.7	6.32	22	109.0	0.00	8.9	88	300	clear
1442	4.97	2.9	5.35	22	161.0	0.00	9.1	156	300	clear
1446	4.97	4.1	5.29	23	14.6	0.00	9.2	177	300	clear
1450	4.97	5.3	5.65	23	11.8	0.00	9.3	177	300	clear
1454	4.97	6.5	5.84	23	8.6	0.00	9.3	169	300	clear
1458	4.97	7.7	5.76	23	10.7	0.00	9.4	175	300	clear
1502	4.97	8.9	5.73	24	9.2	0.00	9.5	178	300	clear
1505	Collect sample for MW-29 for VOCs (2 VOAs).									

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Groundwater Sampling
Monitoring Form

Well ID	**MW-30**	**Project No.**	**148992**	**Sample Date:**	12/22/2005
Well Diameter	2 in	**Location (Site/Facility)**	**Former General Instrument Site**		
Depth to Water	5.53 ft	**Decon Procedures:**	Non-phosphate soap and DI rinse		
Total Depth	19.13 ft	**Field Personnel**	DTW	**Notes:**	
Screen Length	15 ft	**Weather Conditions**	Cold with a light snow		
Pump Intake	12 ft	**Equipment:**	QED Sample Pro (Teflon) Bladder pumps & MP-15 Controllers driven with compressed CO_2		

Stabilized: ±10-percent for temperature, turbidity, DO, and ORP; ±0.1 unit for pH; and ± 3-percent for specific conductance

Instrument Calibration Information

pH Meter Calibration			**Horiba U-22 Calibration**
pH 7.00 Std.	pH 4.01 Std.	Sl. (mV/pH)	Notes on calibration:
NA	NA	NA	Calibrated to manufacturer's specifications
Air temp =	15 ºF		

Well Purging Information — Start purge @: 1003 — End purge @: 1035 — Pump Type: Bladder

Time	DTW	Purge Volume (L)	pH	Conductivity (mS/m)	Turbidity (NTU)	D.O. (mg/l) *	T (ºC)	ORP/Eh (mV)	Flow Rate (mL/min)	Comments
1003	5.53	0.0								
1011	5.53	0.5	7.07	47	25.0	0.00	6.5	194	250	
1015	5.53	1.5	6.47	46	4.9	0.00	7.3	190	250	
1019	5.53	2.5	6.17	45	1.3	0.00	7.6	185	250	
1023	5.53	3.5	6.14	45	1.4	0.00	7.6	175	250	
1027	5.53	4.5	6.19	46	-0.4	0.00	7.6	164	250	
1031	5.53	5.5	6.22	45	-0.3	0.00	7.8	161	250	
1035	Collect sample @ MW-30 for VOC analysis (2 VOAs).									

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Groundwater Sampling
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Well ID	**MW-31**	**Project No.**	**148992**	**Sample Date:**	12/21/2005
Well Diameter	2 in	**Location (Site/Facility)**	**Former General Instrument Site**		
Depth to Water	6.17 ft	**Decon Procedures:**	Non-phosphate soap and DI rinse		
Total Depth	17.5 ft	**Field Personnel**	ESR	**Notes:**	
Screen Length	15 ft	**Weather Conditions**	Partly Cloudy and cold		
Pump Intake	13 ft	**Equipment:**	QED Sample Pro (Teflon) Bladder pumps & MP-15 Controllers driven with compressed CO_2		

Stabilized: ±10-percent for temperature, turbidity, DO, and ORP; ±0.1 unit for pH; and ± 3-percent for specific conductance

Instrument Calibration Information

pH Meter Calibration			**Horiba U-22 Calibration**
pH 7.00 Std.	pH 4.01 Std.	Sl. (mV/pH)	Notes on calibration:
NA	NA	NA	Calibrated to manufacturer's specifications
Air temp =	10 ºF		

Well Purging Information — Start purge @: 935 — End purge @: 1025 — Pump Type: Bladder

Time	DTW	Purge Volume (L)	pH	Conductivity (mS/m)	Turbidity (NTU)	D.O. (mg/l) *	T (ºC)	ORP/Eh (mV)	Flow Rate (mL/min)	Comments
0940	6.17	0.8	6.55	60	133.0	0.00	11.6	47	150	slgihtly cloudy
0945	6.17	1.5	6.68	89	126.0	0.00	11.9	29	150	
0950	6.17	2.3	6.75	88	143.0	0.00	12.2	13	150	
1000	6.17	3.8	6.78	88	129.0	0.00	12.0	-3	150	clear
1001	Emptied the flow through cell									
1005	6.17	4.5	6.84	88	337.0	0.00	10.6	1	150	
1010	6.17	5.3	6.79	85	485.0	0.00	12.3	-1	150	clear
1015	6.17	6.0	6.81	87	110.0	0.00	11.8	-3	150	clear
1020	6.17	6.8	6.80	87	113.0	0.00	12.0	-4	150	clear
1025	End Purge. Well was sampled despite high turbidity. Turbidity stabilized and water appeared clear.									
	Collected 2 VOAs for VOC analysis. Labeled MW-31 and packed on ice.									
	Also collected 2 additional samples for matrix spike and matrix spike duplicate. Labeled these samples as MW-31 MS/MSD and packed on ice									

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Groundwater Sampling
Monitoring Form

Well ID	**MW-32**	**Project No.**	**148992**	**Sample Date:**	12/21/2005
Well Diameter	2 in	**Location (Site/Facility)**	**Former General Instrument Site**		
Depth to Water	4.58 ft	**Decon Procedures:**	Non-phosphate soap and DI rinse		
Total Depth	13 ft	**Field Personnel**	ESR	**Notes:**	
Screen Length	10 ft	**Weather Conditions**	Partly Cloudy and cold		
Pump Intake	11 ft	**Equipment:**	QED Sample Pro (Teflon) Bladder pumps & MP-15 Controllers driven with compressed CO_2		

Stabilized: ±10-percent for temperature, turbidity, DO, and ORP; ±0.1 unit for pH; and ± 3-percent for specific conductance

Instrument Calibration Information

pH Meter Calibration			**Horiba U-22 Calibration**
pH 7.00 Std.	pH 4.01 Std.	Sl. (mV/pH)	Notes on calibration:
NA	NA	NA	Calibrated to manufacturer's specifications
Air temp =	10 ºF		

Well Purging Information — Start purge @: 1142 — End purge @: 1222 — Pump Type: Bladder

Time	DTW	Purge Volume (L)	pH	Conductivity (mS/m)	Turbidity (NTU)	D.O. (mg/l) *	T (ºC)	ORP/Eh (mV)	Flow Rate (mL/min)	Comments
1145	4.58	0.0	5.90	86	132.0	0.00	8.5	104	200	clear
1150	4.58	1.0	5.52	88	213.0	0.00	9.3	137	200	clear
1155	4.58	2.0	5.49	89	203.0	0.00	9.3	145	200	clear
1200	4.58	3.0	5.51	90	365.0	0.00	9.4	150	200	clear
1205	4.58	4.0	5.47	90	422.0	0.00	8.8	154	200	clear
1210	4.58	5.0	5.44	90	578.0	0.00	9.0	159	200	clear
1215	4.58	6.0	5.39	89	530.0	0.00	9.1	164	200	clear
1220	4.58	7.0	5.40	86	326.0	0.00	9.2	167	200	clear
1222	Collected 2 VOAs labeled MW-32 and packed them on ice. Turbidity would not drop, but the other parameters were stabilized.									

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Well ID	**MW-33**	**Project No.**	**148992**	**Sample Date:**	12/21/2005
Well Diameter	2 in	**Location (Site/Facility)**	**Former General Instrument Site**		
Depth to Water	4.9 ft	**Decon Procedures:**	Non-phosphate soap and DI rinse		
Total Depth	13 ft	**Field Personnel**	ESR	**Notes:**	
Screen Length	10 ft	**Weather Conditions**	Cloudy and cold		
Pump Intake	11 ft	**Equipment:**	QED Sample Pro (Teflon) Bladder pumps & MP-15 Controllers driven with compressed CO_2		

Stabilized: ±10-percent for temperature, turbidity, DO, and ORP; ±0.1 unit for pH; and ± 3-percent for specific conductance

Instrument Calibration Information

pH Meter Calibration			**Horiba U-22 Calibration**
pH 7.00 Std.	pH 4.01 Std.	Sl. (mV/pH)	Notes on calibration:
NA	NA	NA	Calibrated to manufacturer's specifications
Air temp =	15 ºF		

Well Purging Information — Start purge @: 1410 — End purge @: 1444 — Pump Type: Bladder

Time	DTW	Purge Volume (L)	pH	Conductivity (mS/m)	Turbidity (NTU)	D.O. (mg/l) *	T (ºC)	ORP/Eh (mV)	Flow Rate (mL/min)	Comments
1414	4.90	0.0	6.00	34	845.0	0.00	9.2	198	200	clear
1419	4.90	1.0	6.01	35	745.0	0.00	8.0	202	200	clear
1424	4.90	1.5	5.99	36	785.0	0.00	7.7	201	100	clear
1429	4.90	2.0	6.02	36	754.0	0.00	7.8	200	100	clear
1438	4.90	4.0	6.08	36	818.0	0.00	7.7	199	100	clear
1443	4.90	5.0	6.10	36	825.0	0.00	7.9	199	100	clear
1444	Collected 2 VOAs for VOC analysis. Labeled samples as MW-33 and packed them on ice.									

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Groundwater Sampling
Monitoring Form

Well ID	**MW-34**	**Project No.**	**148992**	**Sample Date:**	12/21/2005
Well Diameter	2 in	**Location (Site/Facility)**	**Former General Instrument Site**		
Depth to Water	4.21 ft	**Decon Procedures:**	Non-phosphate soap and DI rinse		
Total Depth	13 ft	**Field Personnel**	DTW	**Notes:**	
Screen Length	10 ft	**Weather Conditions**	Light Snow		
Pump Intake	11 ft	**Equipment:**	QED Sample Pro (Teflon) Bladder pumps & MP-15 Controllers driven with compressed CO_2		

Stabilized: ±10-percent for temperature, turbidity, DO, and ORP; ±0.1 unit for pH; and ± 3-percent for specific conductance

Instrument Calibration Information

pH Meter Calibration			**Horiba U-22 Calibration**
pH 7.00 Std.	pH 4.01 Std.	Sl. (mV/pH)	Notes on calibration:
NA	NA	NA	Calibrated to manufacturer's specifications
Air temp =	10 ºF		

Well Purging Information — Start purge @: 845 — End purge @: 0935 — Pump Type: Bladder

Time	DTW	Purge Volume (L)	pH	Conductivity (mS/m)	Turbidity (NTU)	D.O. (mg/l) *	T (ºC)	ORP/Eh (mV)	Flow Rate (mL/min)	Comments
0845	4.21	0.0								
0905	4.21	0.5	5.70	0	72.8	0.00	9.5	254	400	clear
0909	4.21	2.1	6.20	0	36.7	0.00	10.8	225	400	clear
0913	4.21	3.7	6.64	0	-0.7	0.00	11.0	205	400	clear
0917	4.21	5.3	6.82	0	-2.7	0.00	11.1	187	400	clear
0921	4.21	6.9	6.90	0	-3.4	0.00	11.0	170	400	clear
0925	4.21	8.5	6.95	0	-4.0	0.00	11.0	157	400	clear
0929	4.21	10.1	6.98	0	-3.7	0.00	11.1	146	400	clear
0933	4.21	11.7	7.00	0	-5.7	0.00	11.0	142	400	clear
0944	Collected samples @ MW-34 (2 VOAs).									

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Well ID	**MW-35**	**Project No.**	**148992**	**Sample Date:**	12/21/2005
Well Diameter	2 in	**Location (Site/Facility)**	**Former General Instrument Site**		
Depth to Water	5.75 ft	**Decon Procedures:**	Non-phosphate soap and DI rinse		
Total Depth	18 ft	**Field Personnel**	DTW	**Notes:**	
Screen Length	15 ft	**Weather Conditions**	Light Snow		
Pump Intake	13.5 ft	**Equipment:**	QED Sample Pro (Teflon) Bladder pumps & MP-15 Controllers driven with compressed CO_2		

Stabilized: ±10-percent for temperature, turbidity, DO, and ORP; ±0.1 unit for pH; and ± 3-percent for specific conductance

Instrument Calibration Information

pH Meter Calibration			Horiba U-22 Calibration
pH 7.00 Std.	pH 4.01 Std.	Sl. (mV/pH)	Notes on calibration:
NA	NA	NA	Calibrated to manufacturer's specifications
Air temp =	12 ºF		

Well Purging Information — Start purge @: 1108 — End purge @: 1145 — Pump Type: Bladder

Time	DTW	Purge Volume (L)	pH	Conductivity (mS/m)	Turbidity (NTU)	D.O. (mg/l) *	T (ºC)	ORP/Eh (mV)	Flow Rate (mL/min)	Comments
1108	5.75	0.0								
1116	5.75	0.5	6.58	0	174.0	0.00	10.1	200	400	clear
1120	5.75	2.1	6.11	0	164.0	0.00	10.0	214	400	clear
1124	5.75	3.7	6.25	0	9.5	0.00	10.7	211	400	clear
1128	5.75	5.3	6.60	0	13.7	0.00	10.8	185	400	clear
1132	5.75	6.9	6.74	0	5.6	0.00	10.6	177	400	clear
1136	5.75	8.5	6.83	0	16.0	0.00	10.8	167	400	clear
1140	5.75	10.1	6.90	0	19.4	0.00	10.7	157	400	clear
1144	5.75	11.7	6.89	0	17.3	0.00	10.8	153	400	clear
1145	End Purge.									
1150	Collect Sample MW-35 for VOC anlaysis (2 VOAs).									
1200	Collect Duplicate MW-101 (2 VOAs).									

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Groundwater Sampling
Monitoring Form

Well ID	**MW-36**	**Project No.**	**148992**	**Sample Date:**	12/21/2005
Well Diameter	2 in	**Location (Site/Facility)**	**Former General Instrument Site**		
Depth to Water	4.03 ft	**Decon Procedures:**	Non-phosphate soap and DI rinse		
Total Depth	18 ft	**Field Personnel**	DTW	**Notes:**	
Screen Length	15 ft	**Weather Conditions**	Light Snow		
Pump Intake	13.5 ft	**Equipment:**	QED Sample Pro (Teflon) Bladder pumps & MP-15 Controllers driven with compressed CO_2		

Stabilized: ±10-percent for temperature, turbidity, DO, and ORP; ±0.1 unit for pH; and ± 3-percent for specific conductance

Instrument Calibration Information

pH Meter Calibration			Horiba U-22 Calibration
pH 7.00 Std.	pH 4.01 Std.	Sl. (mV/pH)	Notes on calibration:
NA	NA	NA	Calibrated to manufacturer's specifications
Air temp =	10 ºF		

Well Purging Information — Start purge @: 1340 — End purge @: 1420 — Pump Type: Bladder

Time	DTW	Purge Volume (L)	pH	Conductivity (mS/m)	Turbidity (NTU)	D.O. (mg/l) *	T (ºC)	ORP/Eh (mV)	Flow Rate (mL/min)	Comments
1340	4.03	0.0								
1342	4.04	0.5	7.12	0	47.5	0.08	9.5	167	300	clear
1351	4.04	1.7	7.06	0	11.3	3.73	9.9	149	300	clear
1355	4.04	2.9	7.15	0	12.0	3.98	10.5	125	300	clear
1359	4.04	4.1	7.27	0	13.7	4.46	10.6	107	300	clear
1403	4.04	5.3	7.36	0	10.3	4.91	10.7	93	300	clear
1407	4.04	6.5	7.42	0	12.3	3.63	10.5	84	300	clear
1411	4.04	7.7	7.47	0	9.5	2.85	10.7	74	300	D.O. jumping between 0.30 and 6.58
1415	4.04	8.9	7.49	0	7.1	2.35	10.5	69	300	clear
1419	4.04	10.1	7.50	0	6.0	2.32	10.4	68	300	clear
1420	Collected Sample @ MW-36 (2 VOAs).									

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Groundwater Sampling
Monitoring Form

Well ID	**MW-37**	**Project No.**	**148992**	**Sample Date:**	12/22/2005
Well Diameter	2 in	**Location (Site/Facility)**	**Former General Instrument Site**		
Depth to Water	5.86 ft	**Decon Procedures:**	Non-phosphate soap and DI rinse		
Total Depth	12.5 ft	**Field Personnel**	ESR	**Notes:**	
Screen Length	10 ft	**Weather Conditions**	Cloudy and Cold		
Pump Intake	10.5 ft	**Equipment:**	QED Sample Pro (Teflon) Bladder pumps & MP-15 Controllers driven with compressed CO_2		

Stabilized: ±10-percent for temperature, turbidity, DO, and ORP; ±0.1 unit for pH; and ± 3-percent for specific conductance

Instrument Calibration Information

pH Meter Calibration			**Horiba U-22 Calibration**
pH 7.00 Std.	pH 4.01 Std.	Sl. (mV/pH)	Notes on calibration:
NA	NA	NA	Calibrated to manufacturer's specifications
Air temp =	15 ºF		

Well Purging Information — Start purge @: 825 — End purge @: 0856 — Pump Type: Bladder

Time	DTW	Purge Volume (L)	pH	Conductivity (mS/m)	Turbidity (NTU)	D.O. (mg/l) *	T (ºC)	ORP/Eh (mV)	Flow Rate (mL/min)	Comments
0825	5.86	0.0	6.31	84	65.5	0.00	9.4	215	150	clear
0830	5.86	0.8	6.59	84	60.6	0.00	9.2	211	150	clear
0835	5.86	1.5	6.68	84	62.6	0.00	9.2	208	150	clear
0840	5.86	2.3	6.75	85	58.3	0.00	8.8	201	150	clear
0845	5.86	3.0	6.79	84	37.0	0.00	8.5	199	150	clear
0850	5.86	3.8	6.80	84	31.0	0.00	8.4	197	150	clear
0855	5.86	4.5	6.82	84	23.5	0.00	8.4	195	150	clear
0856	Collected 2 VOAs for VOC analysis, labeled as MW-37 and packed on ice.									

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Groundwater Sampling
Monitoring Form

Well ID	**MW-38**	**Project No.**	**148992**	**Sample Date:**	12/22/2005
Well Diameter	2 in	**Location (Site/Facility)**	**Former General Instrument Site**		
Depth to Water	5.83 ft	**Decon Procedures:**	Non-phosphate soap and DI rinse		
Total Depth	12 ft	**Field Personnel**	DTW	**Notes:**	
Screen Length	10 ft	**Weather Conditions**	Light Snow		
Pump Intake	10.5 ft	**Equipment:**	QED Sample Pro (Teflon) Bladder pumps & MP-15 Controllers driven with compressed CO_2		

Stabilized: ±10-percent for temperature, turbidity, DO, and ORP; ±0.1 unit for pH; and ± 3-percent for specific conductance

Instrument Calibration Information

pH Meter Calibration			**Horiba U-22 Calibration**
pH 7.00 Std.	pH 4.01 Std.	Sl. (mV/pH)	Notes on calibration:
NA	NA	NA	Calibrated to manufacturer's specifications
Air temp =	19 ºF		

Well Purging Information — Start purge @: 804 — End purge @: 0845 — Pump Type: Bladder

Time	DTW	Purge Volume (L)	pH	Conductivity (mS/m)	Turbidity (NTU)	D.O. (mg/l) *	T (ºC)	ORP/Eh (mV)	Flow Rate (mL/min)	Comments
0804	5.83	0.0								
0813	5.83	0.5	5.94	0	85.1	0.00	7.2	248	300	
0817	5.83	1.7	6.33	0	60.7	0.00	7.9	230	300	
0821	5.83	2.9	6.71	0	114.0	0.00	8.7	206	300	
0825	5.83	4.1	6.86	0	144.0	0.00	8.8	191	300	clear
0829	5.83	5.3	6.97	0	129.0	0.00	8.9	180	200	
0833	5.83	6.3	7.04	0	156.0	0.00	8.9	173	200	
0837	5.83	7.3	7.08	0	145.0	0.00	9.1	165	200	
0841	5.83	8.3	7.12	0	160.0	0.00	9.1	160	200	
0845	Collect Sample @ MW-38 (2 VOAs).									

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Groundwater Sampling
Monitoring Form

Well ID	**MW-39**	**Project No.**	**148992**	**Sample Date:**	12/21/2005
Well Diameter	2 in	**Location (Site/Facility)**	**Former General Instrument Site**		
Depth to Water	5.4 ft	**Decon Procedures:**	Non-phosphate soap and DI rinse		
Total Depth	12 ft	**Field Personnel**	DTW	**Notes:**	
Screen Length	10 ft	**Weather Conditions**	Light Snow		
Pump Intake	10 ft	**Equipment:**	QED Sample Pro (Teflon) Bladder pumps & MP-15 Controllers driven with compressed CO_2		

Stabilized: ±10-percent for temperature, turbidity, DO, and ORP; ±0.1 unit for pH; and ± 3-percent for specific conductance

Instrument Calibration Information

pH Meter Calibration			**Horiba U-22 Calibration**
pH 7.00 Std.	pH 4.01 Std.	Sl. (mV/pH)	Notes on calibration:
NA	NA	NA	Calibrated to manufacturer's specifications
Air temp =	8 ºF		

Well Purging Information — Start purge @: 1526 — End purge @: 1610 — Pump Type: Bladder

Time	DTW	Purge Volume (L)	pH	Conductivity (mS/m)	Turbidity (NTU)	D.O. (mg/l) *	T (ºC)	ORP/Eh (mV)	Flow Rate (mL/min)	Comments
1526	5.40	0.0								
1529	5.40	0.5	7.78	0	999.0	3.26	8.7	178	400	silty
1533	5.40	2.1	7.43	0	740.0	0.00	9.3	179	400	water in tube is clearing
1537	5.40	3.7	7.44	0	199.0	0.00	9.4	171	400	water in tube is clearing
1541	5.40	5.3	7.42	0	227.0	0.00	9.4	164	400	
Empty Horiba to clear silt.									400	
1545	5.40	6.9	7.41	0	61.1	0.00	9.3	158	400	
1549	5.40	8.5	7.30	0	62.1	0.00	9.3	156	400	
1553	5.40	10.1	7.07	0	60.7	0.00	9.3	153	400	
1557	5.40	11.7	6.91	0	62.2	0.00	9.4	155	400	
1601	5.40	13.3	6.89	0	56.1	0.00	9.4	156	400	
1605	5.40	14.9	6.88	0	60.9	0.00	9.1	157	400	
1610	Collect Sample @ MW-39 (2 VOAs).									

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Groundwater Sampling
Monitoring Form

Well ID	**P-3**	**Project No.**	**148992**	**Sample Date:**	12/20/2005
Well Diameter	2 in	**Location (Site/Facility)**	**Former General Instrument Site**		
Depth to Water	5.89 ft	**Decon Procedures:**	Non-phosphate soap and DI rinse		
Total Depth	14.45 ft	**Field Personnel**	BAM	**Notes:**	
Screen Length	10 ft	**Weather Conditions**	Cold and Snowing		
Pump Intake	9 ft	**Equipment:**	QED Sample Pro (Teflon) Bladder pumps & MP-15 Controllers driven with compressed CO_2		

Stabilized: ±10-percent for temperature, turbidity, DO, and ORP; ±0.1 unit for pH; and ± 3-percent for specific conductance

Instrument Calibration Information

pH Meter Calibration			**Horiba U-22 Calibration**
pH 7.00 Std.	pH 4.01 Std.	Sl. (mV/pH)	Notes on calibration:
NA	NA	NA	Calibrated to manufacturer's specifications
Air temp =	10 ºF		

Well Purging Information — Start purge @: 1515 — End purge @: 1555 — Pump Type: Bladder

Time	DTW	Purge Volume (L)	pH	Conductivity (mS/m)	Turbidity (NTU)	D.O. (mg/l) *	T (ºC)	ORP/Eh (mV)	Flow Rate (mL/min)	Comments
1520	5.89	100 mL	6.44	51	88.6	0.31	7.7	90	120	
1524	5.89	580 mL	6.65	56	75.3	0.00	8.4	88	120	
1528	5.89	800 mL	6.60	64	61.4	0.00	8.6	83	100	
1532	5.89	1.1	6.54	67	59.3	0.00	8.7	78	100	
1536	5.89	1.4	6.59	70	59.4	0.00	8.8	73	100	
1540	5.89	1.7	6.60	72	58.3	0.00	8.8	68	100	
1544	5.89	2.0	6.61	76	22.4	0.00	8.8	64	100	
1548	5.89	2.3	6.62	77	6.4	0.00	8.9	62	100	
1552	5.89	2.6	6.62	78	4.7	0.00	8.9	59	100	
1555	Sample Collected. 2 VOAs labeled P-3 for VOC analysis and packed on ice									

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Groundwater Sampling
Monitoring Form

Well ID	**P-8**	**Project No.**	**148992**	**Sample Date:**	12/20/2005
Well Diameter	2 in	**Location (Site/Facility)**	**Former General Instrument Site**		
Depth to Water	6.94 ft	**Decon Procedures:**	Non-phosphate soap and DI rinse		
Total Depth	15.93 ft	**Field Personnel**	DTW	**Notes:**	
Screen Length	10 ft	**Weather Conditions**	Snowing		
Pump Intake	11 ft	**Equipment:**	QED Sample Pro (Teflon) Bladder pumps & MP-15 Controllers driven with compressed CO_2		

Stabilized: ±10-percent for temperature, turbidity, DO, and ORP; ±0.1 unit for pH; and ± 3-percent for specific conductance

Instrument Calibration Information

pH Meter Calibration			**Horiba U-22 Calibration**
pH 7.00 Std.	pH 4.01 Std.	Sl. (mV/pH)	Notes on calibration:
NA	NA	NA	Calibrated to manufacturer's specifications
Air temp =	12 ºF		

Well Purging Information — Start purge @: 1509 — End purge @: 1540 — Pump Type: Bladder

Time	DTW	Purge Volume (L)	pH	Conductivity (mS/m)	Turbidity (NTU)	D.O. (mg/l) *	T (ºC)	ORP/Eh (mV)	Flow Rate (mL/min)	Comments
1509	6.94	0.0	-	-	-	-	-	-	-	
1512	6.94	0.5	7.29	39	86.4	0.00	8.2	133	150	clear
1516	6.95	1.1	6.95	40	23.1	1.01	10.3	135	150	clear
1520	6.95	1.7	6.97	43	18.1	0.00	9.4	131	150	clear
1524	6.95	2.3	6.93	44	19.3	0.00	9.0	131	100	clear
1528	6.95	2.7	6.92	44	6.6	0.00	9.2	128	100	clear
1532	6.95	3.1	6.94	51	4.4	0.00	9.0	127	100	clear
1540	Collect Sample @ P-8 for VOC's (VOAs)									

ESC Engineering of New York, P.C.
5 Sullivan Street
Cazenovia, NY 13035 v. (315) 655-3900 f. (315) 655-3907

Groundwater Sampling
Monitoring Form

Well ID	**P-10**	**Project No.**	**148992**	**Sample Date:**	12/22/2005
Well Diameter	2 in	**Location (Site/Facility)**	**Former General Instrument Site**		
Depth to Water	5.22 ft	**Decon Procedures:**	Non-phosphate soap and DI rinse		
Total Depth	20 ft	**Field Personnel**	DTW	**Notes:**	
Screen Length	10 ft	**Weather Conditions**	Cold		
Pump Intake	15 ft	**Equipment:**	QED Sample Pro (Teflon) Bladder pumps & MP-15 Controllers driven with compressed CO_2		

Stabilized: ±10-percent for temperature, turbidity, DO, and ORP; ±0.1 unit for pH; and ± 3-percent for specific conductance

Instrument Calibration Information

pH Meter Calibration			Horiba U-22 Calibration
pH 7.00 Std.	pH 4.01 Std.	Sl. (mV/pH)	Notes on calibration:
NA	NA	NA	Calibrated to manufacturer's specifications
Air temp =	20 ºF		

Well Purging Information — Start purge @: 1253 — End purge @: 1359 — Pump Type: Bladder

Time	DTW	Purge Volume (L)	pH	Conductivity (mS/m)	Turbidity (NTU)	D.O. (mg/l) *	T (ºC)	ORP/Eh (mV)	Flow Rate (mL/min)	Comments
1253	5.22	0.0								
1258	5.22	0.5	6.80	61	442.0	1.32	9.9	202	250	
1302	5.22	1.5	6.48	62	296.0	1.36	8.2	213	250	
1306	5.22	2.5	6.44	64	236.0	1.47	9.0	209	250	
1310	5.22	3.5	6.45	68	188.0	1.24	9.7	178	250	
1314	5.22	4.5	6.48	75	188.0	1.21	9.9	120	250	
1318	5.22	5.5	6.47	82	159.0	1.25	10.9	88	250	clear
1322	5.22	6.5	6.62	83	168.0	0.00	10.9	69	250	clear
1326	5.22	7.5								Empty flow through cell
1328	5.22	8.5	6.80	89	17.0	0.00	9.9	62	250	
1332	5.22	9.5	6.95	84	14.4	0.00	10.8	39	250	
1336	5.22	10.5	6.97	85	9.5	0.00	10.8	32	250	
1340	5.22	11.5	6.95	86	6.2	0.00	10.5	31	250	
1359	Collect Sample @ P-10 for VOCs (2 VOAs)									

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5 Sullivan Street
Cazenovia, NY 13035 v. (315) 655-3900 f. (315) 655-3907

Groundwater Sampling
Monitoring Form

Well ID	**P-11**	**Project No.**	**148992**	**Sample Date:**	12/22/2005
Well Diameter	2 in	**Location (Site/Facility)**	**Former General Instrument Site**		
Depth to Water	5.64 ft	**Decon Procedures:**	Non-phosphate soap and DI rinse		
Total Depth	20.22 ft	**Field Personnel**	BAM	**Notes:**	
Screen Length	10 ft	**Weather Conditions**	Cold		
Pump Intake	15 ft	**Equipment:**	QED Sample Pro (Teflon) Bladder pumps & MP-15 Controllers driven with compressed CO_2		

Stabilized: ±10-percent for temperature, turbidity, DO, and ORP; ±0.1 unit for pH; and ± 3-percent for specific conductance

Instrument Calibration Information

pH Meter Calibration			**Horiba U-22 Calibration**
pH 7.00 Std.	pH 4.01 Std.	Sl. (mV/pH)	Notes on calibration:
NA	NA	NA	Calibrated to manufacturer's specifications
Air temp =	20 ºF		

Well Purging Information — Start purge @: 1300 — End purge @: 1415 — Pump Type: Bladder

Time	DTW	Purge Volume (L)	pH	Conductivity (mS/m)	Turbidity (NTU)	D.O. (mg/l) *	T (ºC)	ORP/Eh (mV)	Flow Rate (mL/min)	Comments
1305	5.64	0.0	7.25	0	157.0	3.87	8.8	282	80	
1310	5.64	0.2	7.25	0	159.0	1.64	8.4	271	80	
1315	5.64	0.4	7.20	0	105.0	1.03	8.2	258	80	
1320	5.64	0.6	7.19	0	33.6	0.68	8.3	239	80	
1325	5.64	0.8	7.18	0	-1.8	0.52	8.5	210	80	
1330	5.64	1.0	7.16	0	-10.0	0.36	9.2	185	80	
1335	5.64	1.2	7.13	0	-10.0	0.29	9.3	143	80	
1340	5.64	1.4	7.14	0	-10.0	0.28	9.4	95	80	
1345	5.64	1.6	7.16	0	-10.0	0.20	9.2	42	80	
1350	5.64	1.8	7.16	0	-10.0	0.17	8.8	15	80	
1355	5.64	2.0	7.17	0	-10.0	0.33	9.4	-6	80	
1400	5.64	2.2	7.18	0	-10.0	0.14	9.2	-22	80	
1405	5.64	2.4	7.19	0	-10.0	0.12	9.4	-28	80	
1410	5.64	2.6	7.18	0	-10.0	0.13	9.4	-30	80	
1415	Sample Collected for P-11 to be analyzed for VOCs (2 VOAs). Labeled and put on ice.									

Appendix E – Laboratory Analytical Reports (including CDs of laboratory report files)

ANALYTICAL REPORT

Job#: A05-E587

STL Project#: NY4A9171
Site Name: Environmental Strategies Corporation
Task: Sherburne

Mr. David Bouchard
Environmental Strategies Corp.
5 Sullivan Street
Cazenovia, NY 13035

STL Buffalo

Candace L. Fox
Project Manager

01/13/2006

STL Buffalo
Current Certifications

As of 12/28/2005

STATE	Program	Cert # / Lab ID
AFCEE	AFCEE	
Arkansas	SDWA, CWA, RCRA, SOIL	03-054-D/88-0686
California	NELAP CWA, RCRA	01169CA
Connecticut	SDWA, CWA, RCRA, SOIL	PH-0568
Florida	NELAP CWA, 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	SDWA,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
Oklahoma	CWA, RCRA	9421
Pennsylvania	Env. Lab Reg.	68-281
South Carolina	RCRA	91013
Tennessee	SDWA	02970
USACE	USACE	
USDA	FOREIGN SOIL PERMIT	S-41579
USDOE	Department of Energy	DOECAP-STB
Virginia	SDWA	278
Washington	CWA,RCRA	C254
West Virginia	CWA,RCRA	252
Wisconsin	CWA	998310390

Sample Data Summary Package

SAMPLE SUMMARY

LAB SAMPLE ID	CLIENT SAMPLE ID	MATRIX	SAMPLED DATE	SAMPLED TIME	RECEIVED DATE	RECEIVED TIME
A5E58709	EB122005	WATER	12/21/2005	08:53	12/23/2005	10:15
A5E58717	EB122105	WATER	12/21/2005	13:11	12/23/2005	10:15
A5E58705	MW-100	WATER	12/20/2005	19:00	12/23/2005	10:15
A5E58714	MW-101	WATER	12/21/2005	19:00	12/23/2005	10:15
A5E58702	MW-17	WATER	12/20/2005	13:55	12/23/2005	10:15
A5E58701	MW-2	WATER	12/20/2005	11:00	12/23/2005	10:15
A5E58701MS	MW-2	WATER	12/20/2005	11:00	12/23/2005	10:15
A5E58701SD	MW-2	WATER	12/20/2005	11:00	12/23/2005	10:15
A5E58719	MW-20	WATER	12/21/2005	15:25	12/23/2005	10:15
A5E58712	MW-21	WATER	12/21/2005	10:50	12/23/2005	10:15
A5E58715	MW-32	WATER	12/21/2005	12:22	12/23/2005	10:15
A5E58718	MW-33	WATER	12/21/2005	14:44	12/23/2005	10:15
A5E58710	MW-34	WATER	12/21/2005	09:40	12/23/2005	10:15
A5E58713	MW-35	WATER	12/21/2005	11:50	12/23/2005	10:15
A5E58716	MW-36	WATER	12/21/2005	14:20	12/23/2005	10:15
A5E58720	MW-39	WATER	12/21/2005	16:10	12/23/2005	10:15
A5E58704	MW-8	WATER	12/20/2005	14:20	12/23/2005	10:15
A5E58708	P-3	WATER	12/20/2005	15:55	12/23/2005	10:15
A5E58706	P-8	WATER	12/20/2005	15:40	12/23/2005	10:15
A5E58703	TB-121505-01	WATER	12/20/2005		12/23/2005	10:15
A5E58707	TB-121505-02	WATER	12/20/2005		12/23/2005	10:15

METHODS SUMMARY

Job#: A05-E587

STL Project#: NY4A9171
Site Name: Environmental Strategies Corporation

PARAMETER	ANALYTICAL METHOD
METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W	SW8463 8260

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-E587

STL Project#: NY4A9171
Site Name: Environmental Strategies Corporation

General Comments

The enclosed data may or may not 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-E587
Sample Cooler(s) were received at the following temperature(s); 2.0 °C
All samples were received in good condition.

GC/MS Volatile Data

All samples were preserved to a PH less than 2.

The analytes Total Xylenes were detected in Method Blank VBLK40 (A5B2009802) 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.

Initial calibration standard curve A5I0002430-1 exhibited the %RSD of the compounds Bromomethane, Chloroethane, Methylene Chloride and 1,2,4-Trichlorobenzene as greater than 15%. However, the mean RSD of all compounds is 6.44%.

Initial calibration standard curve A5I0002444-1 exhibited the %RSD of several compounds as greater than 15%. However, the mean RSD of all compounds is 10.12%.

Initial calibration standard curve A5I0002442-1 exhibited the %RSD of several compounds as greater than 15%. However, the mean RSD of all compounds is 8.04%.

****

Client Sample ID	Lab Sample ID	Parameter (Inorganic)/Method (Organic)	Dilution	Code
MW-17	A5E58702	8260	4.00	008
P-8	A5E58706	8260	25.00	008
MW-34 DL	A5E58710DL	8260	2.00	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

SEVERN TRENT STL

DATA QUALIFIER PAGE

These definitions are provided in the event the data in this report requires the use of one or more of the qualifiers. Not all qualifiers defined below are necessarily used in the accompanying data package.

ORGANIC DATA QUALIFIERS

ND or U	Indicates compound was analyzed for, but not detected.
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 CLP methodology only. For Pesticide/Aroclor target analytes, when a difference for detected concentrations between the two GC columns is greater than 25%, 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. Report with the detection limit value.
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.
S	Indicates value determined by the Method of Standard Addition.
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 the spike or duplicate analysis is not within the quality control limits.
+	Indicates the correlation coefficient for the Method of Standard Addition is less than 0.995.

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

9/504

Client No.

EB122005

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A5E58709

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G7641.RR

Level: (low/med) LOW Date Samp/Recv: 12/21/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/28/2005

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND		Q
67-64-1	Acetone	3.8	J
71-43-2	Benzene	1.0	U
75-27-4	Bromodichloromethane	0.43	J
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon Disulfide	1.0	U
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	1.0	U
67-66-3	Chloroform	0.60	J
74-87-3	Chloromethane	1.0	U
110-82-7	Cyclohexane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-59-2	cis-1,2-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
98-82-8	Isopropylbenzene	1.0	U
79-20-9	Methyl acetate	1.0	U
108-87-2	Methylcyclohexane	1.0	U
75-09-2	Methylene chloride	1.0	U

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

10/504

Client No.

EB122005

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A5E58709

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G7641.RR

Level: (low/med) LOW Date Samp/Recv: 12/21/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/28/2005

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND		Q
108-10-1	4-Methyl-2-pentanone	5.0	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	1.0	U
91-20-3	Naphthalene	1.0	U
100-42-5	Styrene	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	5.1	
108-88-3	Toluene	0.78	J
120-82-1	1,2,4-Trichlorobenzene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
79-01-6	Trichloroethene	1.0	U
75-01-4	Vinyl chloride	1.0	U
1330-20-7	Total Xylenes	3.0	U

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

11/504

Client No.

EB122105

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A5E58717

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q9552.RR

Level: (low/med) LOW Date Samp/Recv: 12/21/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/28/2005

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND		Q
67-64-1	Acetone	5.0	U
71-43-2	Benzene	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon Disulfide	1.0	U
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	1.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	1.0	U
110-82-7	Cyclohexane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-59-2	cis-1,2-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
98-82-8	Isopropylbenzene	1.0	U
79-20-9	Methyl acetate	1.0	U
108-87-2	Methylcyclohexane	1.0	U
75-09-2	Methylene chloride	1.0	U

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

12/504

Client No.

EB122105

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A5E58717

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q9552.RR

Level: (low/med) LOW Date Samp/Recv: 12/21/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/28/2005

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	5.0	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	1.0	U
91-20-3	Naphthalene	1.0	U
100-42-5	Styrene	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
79-01-6	Trichloroethene	1.0	U
75-01-4	Vinyl chloride	1.0	U
1330-20-7	Total Xylenes	3.0	U

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

13/504

Client No.

MW-100

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A5E58705

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: S9673.RR

Level: (low/med) LOW Date Samp/Recv: 12/20/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/27/2005

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND		Q
67-64-1	Acetone	5.0	U
71-43-2	Benzene	1.6	
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon Disulfide	1.0	U
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	1.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	1.0	U
110-82-7	Cyclohexane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-59-2	cis-1,2-Dichloroethene	0.78	J
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
98-82-8	Isopropylbenzene	1.0	U
79-20-9	Methyl acetate	1.0	U
108-87-2	Methylcyclohexane	1.0	U
75-09-2	Methylene chloride	1.0	U

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

14/504

Client No.

MW-100

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A5E58705

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: S9673.RR

Level: (low/med) LOW Date Samp/Recv: 12/20/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/27/2005

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND		Q
108-10-1	4-Methyl-2-pentanone	5.0	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	1.7	
91-20-3	Naphthalene	0.52	J
100-42-5	Styrene	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
79-01-6	Trichloroethene	1.8	
75-01-4	Vinyl chloride	1.0	U
1330-20-7	Total Xylenes	3.0	U

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

15/504

Client No.

MW-101

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A5E58714

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q9549.RR

Level: (low/med) LOW Date Samp/Recv: 12/21/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/27/2005

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	5.0	U
71-43-2	Benzene	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon Disulfide	1.0	U
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	1.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	1.0	U
110-82-7	Cyclohexane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U
75-34-3	1,1-Dichloroethane	4.3	
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-59-2	cis-1,2-Dichloroethene	5.9	
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
98-82-8	Isopropylbenzene	1.0	U
79-20-9	Methyl acetate	1.0	U
108-87-2	Methylcyclohexane	1.0	U
75-09-2	Methylene chloride	1.0	U

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

16/504

Client No.

MW-101

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A5E58714

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q9549.RR

Level: (low/med) LOW Date Samp/Recv: 12/21/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/27/2005

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	5.0	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	28	
91-20-3	Naphthalene	1.0	U
100-42-5	Styrene	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
71-55-6	1,1,1-Trichloroethane	2.3	
79-00-5	1,1,2-Trichloroethane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
79-01-6	Trichloroethene	5.6	
75-01-4	Vinyl chloride	1.7	
1330-20-7	Total Xylenes	3.0	U

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

17/504

Client No.

MW-17

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A5E58702

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: S9696.RR

Level: (low/med) LOW Date Samp/Recv: 12/20/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/28/2005

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 4.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	20	U
71-43-2	Benzene	4.0	U
75-27-4	Bromodichloromethane	4.0	U
75-25-2	Bromoform	4.0	U
74-83-9	Bromomethane	4.0	U
78-93-3	2-Butanone	20	U
75-15-0	Carbon Disulfide	4.0	U
56-23-5	Carbon Tetrachloride	4.0	U
108-90-7	Chlorobenzene	4.0	U
75-00-3	Chloroethane	4.0	U
67-66-3	Chloroform	4.0	U
74-87-3	Chloromethane	4.0	U
110-82-7	Cyclohexane	4.0	U
106-93-4	1,2-Dibromoethane	4.0	U
124-48-1	Dibromochloromethane	4.0	U
96-12-8	1,2-Dibromo-3-chloropropane	4.0	U
95-50-1	1,2-Dichlorobenzene	4.0	U
541-73-1	1,3-Dichlorobenzene	4.0	U
106-46-7	1,4-Dichlorobenzene	4.0	U
75-71-8	Dichlorodifluoromethane	4.0	U
75-34-3	1,1-Dichloroethane	4.0	U
107-06-2	1,2-Dichloroethane	4.0	U
75-35-4	1,1-Dichloroethene	4.0	U
156-59-2	cis-1,2-Dichloroethene	400	
156-60-5	trans-1,2-Dichloroethene	4.0	U
78-87-5	1,2-Dichloropropane	4.0	U
10061-01-5	cis-1,3-Dichloropropene	4.0	U
10061-02-6	trans-1,3-Dichloropropene	4.0	U
100-41-4	Ethylbenzene	4.0	U
591-78-6	2-Hexanone	20	U
98-82-8	Isopropylbenzene	4.0	U
79-20-9	Methyl acetate	4.0	U
108-87-2	Methylcyclohexane	4.0	U
75-09-2	Methylene chloride	4.0	U

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

18/504

Client No.

MW-17

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A5E58702

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: S9696.RR

Level: (low/med) LOW Date Samp/Recv: 12/20/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/28/2005

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 4.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	20	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	4.0	U
91-20-3	Naphthalene	4.0	U
100-42-5	Styrene	4.0	U
79-34-5	1,1,2,2-Tetrachloroethane	4.0	U
127-18-4	Tetrachloroethene	4.0	U
108-88-3	Toluene	4.0	U
120-82-1	1,2,4-Trichlorobenzene	4.0	U
71-55-6	1,1,1-Trichloroethane	4.0	U
79-00-5	1,1,2-Trichloroethane	4.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	4.0	U
75-69-4	Trichlorofluoromethane	4.0	U
79-01-6	Trichloroethene	15	
75-01-4	Vinyl chloride	61	
1330-20-7	Total Xylenes	12	U

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

19/504

Client No.

MW-2

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A5E58701

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G7639.RR

Level: (low/med) LOW Date Samp/Recv: 12/20/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/28/2005

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	5.0	U
71-43-2	Benzene	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon Disulfide	1.0	U
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	1.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	1.0	U
110-82-7	Cyclohexane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U
75-34-3	1,1-Dichloroethane	1.5	
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-59-2	cis-1,2-Dichloroethene	3.2	
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
98-82-8	Isopropylbenzene	1.0	U
79-20-9	Methyl acetate	1.0	U
108-87-2	Methylcyclohexane	1.0	U
75-09-2	Methylene chloride	1.0	U

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

20/504

Client No.

MW-2

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A5E58701

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G7639.RR

Level: (low/med) LOW Date Samp/Recv: 12/20/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/28/2005

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	5.0	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	3.2	
91-20-3	Naphthalene	1.0	U
100-42-5	Styrene	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
79-01-6	Trichloroethene	1.5	
75-01-4	Vinyl chloride	1.0	U
1330-20-7	Total Xylenes	3.0	U

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

21/504

Client No.

MW-20

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A5E58719

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q9554.RR

Level: (low/med) LOW Date Samp/Recv: 12/21/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/28/2005

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	5.0	U
71-43-2	Benzene	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon Disulfide	1.0	U
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	1.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	1.0	U
110-82-7	Cyclohexane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U
75-34-3	1,1-Dichloroethane	1.7	
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-59-2	cis-1,2-Dichloroethene	5.2	
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
98-82-8	Isopropylbenzene	1.0	U
79-20-9	Methyl acetate	1.0	U
108-87-2	Methylcyclohexane	1.0	U
75-09-2	Methylene chloride	1.0	U

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

22/504

Client No.

MW-20

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A5E58719

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q9554.RR

Level: (low/med) LOW Date Samp/Recv: 12/21/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/28/2005

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	5.0	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	8.5	
91-20-3	Naphthalene	1.0	U
100-42-5	Styrene	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
71-55-6	1,1,1-Trichloroethane	2.4	
79-00-5	1,1,2-Trichloroethane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
79-01-6	Trichloroethene	6.4	
75-01-4	Vinyl chloride	0.47	J
1330-20-7	Total Xylenes	3.0	U

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

23/504

Client No.

MW-21

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A5E58712

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: S9725.RR

Level: (low/med) LOW Date Samp/Recv: 12/21/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/28/2005

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	5.0	U
71-43-2	Benzene	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon Disulfide	1.0	U
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	1.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	1.0	U
110-82-7	Cyclohexane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U
75-34-3	1,1-Dichloroethane	0.85	J
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-59-2	cis-1,2-Dichloroethene	18	
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
98-82-8	Isopropylbenzene	1.0	U
79-20-9	Methyl acetate	1.0	U
108-87-2	Methylcyclohexane	1.0	U
75-09-2	Methylene chloride	1.0	U

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

24/504

Client No.

MW-21

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A5E58712

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: S9725.RR

Level: (low/med) LOW Date Samp/Recv: 12/21/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/28/2005

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	5.0	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	0.99	J
91-20-3	Naphthalene	1.0	U
100-42-5	Styrene	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.4	
79-00-5	1,1,2-Trichloroethane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
79-01-6	Trichloroethene	20	
75-01-4	Vinyl chloride	1.0	U
1330-20-7	Total Xylenes	3.0	U

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

25/504

Client No.

MW-32

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A5E58715

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q9550.RR

Level: (low/med) LOW Date Samp/Recv: 12/21/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/27/2005

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	5.0	U
71-43-2	Benzene	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon Disulfide	1.0	U
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	1.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	1.0	U
110-82-7	Cyclohexane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-59-2	cis-1,2-Dichloroethene	91	
156-60-5	trans-1,2-Dichloroethene	5.7	
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
98-82-8	Isopropylbenzene	1.0	U
79-20-9	Methyl acetate	1.0	U
108-87-2	Methylcyclohexane	1.0	U
75-09-2	Methylene chloride	1.0	U

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

26/504

Client No.

MW-32

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A5E58715

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q9550.RR

Level: (low/med) LOW Date Samp/Recv: 12/21/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/27/2005

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	5.0	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	2.5	
91-20-3	Naphthalene	1.0	U
100-42-5	Styrene	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
79-01-6	Trichloroethene	75	
75-01-4	Vinyl chloride	1.0	U
1330-20-7	Total Xylenes	3.0	U

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

27/504

Client No.

MW-33

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A5E58718

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q9553.RR

Level: (low/med) LOW Date Samp/Recv: 12/21/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/28/2005

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	5.0	U
71-43-2	Benzene	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon Disulfide	1.0	U
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	1.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	1.0	U
110-82-7	Cyclohexane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-59-2	cis-1,2-Dichloroethene	7.0	
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
98-82-8	Isopropylbenzene	1.0	U
79-20-9	Methyl acetate	1.0	U
108-87-2	Methylcyclohexane	1.0	U
75-09-2	Methylene chloride	1.0	U

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.

MW-33

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A5E58718

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q9553.RR

Level: (low/med) LOW Date Samp/Recv: 12/21/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/28/2005

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	5.0	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	1.0	U
91-20-3	Naphthalene	1.0	U
100-42-5	Styrene	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
79-01-6	Trichloroethene	3.1	
75-01-4	Vinyl chloride	1.0	U
1330-20-7	Total Xylenes	3.0	U

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.

MW-34

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A5E58710

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: S9694.RR

Level: (low/med) LOW Date Samp/Recv: 12/21/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/28/2005

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	5.0	U
71-43-2	Benzene	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon Disulfide	1.0	U
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	1.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	1.0	U
110-82-7	Cyclohexane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U
75-34-3	1,1-Dichloroethane	0.82	J
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-59-2	cis-1,2-Dichloroethene	110	E
156-60-5	trans-1,2-Dichloroethene	0.67	J
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
98-82-8	Isopropylbenzene	1.0	U
79-20-9	Methyl acetate	1.0	U
108-87-2	Methylcyclohexane	1.0	U
75-09-2	Methylene chloride	1.0	U

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

30/504

Client No.

MW-34

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A5E58710

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: S9694.RR

Level: (low/med) LOW Date Samp/Recv: 12/21/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/28/2005

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	5.0	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	1.4	
91-20-3	Naphthalene	1.0	U
100-42-5	Styrene	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.1	
79-00-5	1,1,2-Trichloroethane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
79-01-6	Trichloroethene	16	
75-01-4	Vinyl chloride	63	
1330-20-7	Total Xylenes	3.0	U

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

31/504

Client No.

MW-34 DL

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A5E58710DL

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: S9724.RR

Level: (low/med) LOW Date Samp/Recv: 12/21/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/28/2005

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 2.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	10	U
71-43-2	Benzene	2.0	U
75-27-4	Bromodichloromethane	2.0	U
75-25-2	Bromoform	2.0	U
74-83-9	Bromomethane	2.0	U
78-93-3	2-Butanone	10	U
75-15-0	Carbon Disulfide	2.0	U
56-23-5	Carbon Tetrachloride	2.0	U
108-90-7	Chlorobenzene	2.0	U
75-00-3	Chloroethane	2.0	U
67-66-3	Chloroform	2.0	U
74-87-3	Chloromethane	2.0	U
110-82-7	Cyclohexane	2.0	U
106-93-4	1,2-Dibromoethane	2.0	U
124-48-1	Dibromochloromethane	2.0	U
96-12-8	1,2-Dibromo-3-chloropropane	2.0	U
95-50-1	1,2-Dichlorobenzene	2.0	U
541-73-1	1,3-Dichlorobenzene	2.0	U
106-46-7	1,4-Dichlorobenzene	2.0	U
75-71-8	Dichlorodifluoromethane	2.0	U
75-34-3	1,1-Dichloroethane	2.0	U
107-06-2	1,2-Dichloroethane	2.0	U
75-35-4	1,1-Dichloroethene	2.0	U
156-59-2	cis-1,2-Dichloroethene	110	D
156-60-5	trans-1,2-Dichloroethene	2.0	U
78-87-5	1,2-Dichloropropane	2.0	U
10061-01-5	cis-1,3-Dichloropropene	2.0	U
10061-02-6	trans-1,3-Dichloropropene	2.0	U
100-41-4	Ethylbenzene	2.0	U
591-78-6	2-Hexanone	10	U
98-82-8	Isopropylbenzene	2.0	U
79-20-9	Methyl acetate	2.0	U
108-87-2	Methylcyclohexane	2.0	U
75-09-2	Methylene chloride	2.0	U

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.

MW-34 DL

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A5E58710DL

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: S9724.RR

Level: (low/med) LOW Date Samp/Recv: 12/21/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/28/2005

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 2.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	10	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	1.4	DJ
91-20-3	Naphthalene	2.0	U
100-42-5	Styrene	2.0	U
79-34-5	1,1,2,2-Tetrachloroethane	2.0	U
127-18-4	Tetrachloroethene	2.0	U
108-88-3	Toluene	2.0	U
120-82-1	1,2,4-Trichlorobenzene	2.0	U
71-55-6	1,1,1-Trichloroethane	2.0	U
79-00-5	1,1,2-Trichloroethane	2.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	2.0	U
75-69-4	Trichlorofluoromethane	2.0	U
79-01-6	Trichloroethene	15	D
75-01-4	Vinyl chloride	58	D
1330-20-7	Total Xylenes	6.0	U

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

33/504

Client No.

MW-35

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A5E58713

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q9548.RR

Level: (low/med) LOW Date Samp/Recv: 12/21/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/27/2005

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	5.0	U
71-43-2	Benzene	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon Disulfide	1.0	U
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	1.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	1.0	U
110-82-7	Cyclohexane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U
75-34-3	1,1-Dichloroethane	4.4	
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-59-2	cis-1,2-Dichloroethene	5.7	
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
98-82-8	Isopropylbenzene	1.0	U
79-20-9	Methyl acetate	1.0	U
108-87-2	Methylcyclohexane	1.0	U
75-09-2	Methylene chloride	1.0	U

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.

MW-35

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A5E58713

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q9548.RR

Level: (low/med) LOW Date Samp/Recv: 12/21/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/27/2005

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	5.0	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	28	
91-20-3	Naphthalene	1.0	U
100-42-5	Styrene	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
71-55-6	1,1,1-Trichloroethane	2.4	
79-00-5	1,1,2-Trichloroethane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
79-01-6	Trichloroethene	5.7	
75-01-4	Vinyl chloride	2.0	
1330-20-7	Total Xylenes	1.1	BJ

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

35/504

Client No.

MW-36

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A5E58716

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q9551.RR

Level: (low/med) LOW Date Samp/Recv: 12/21/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/27/2005

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	5.0	U
71-43-2	Benzene	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon Disulfide	1.0	U
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	1.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	1.0	U
110-82-7	Cyclohexane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U
75-34-3	1,1-Dichloroethane	3.2	
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-59-2	cis-1,2-Dichloroethene	6.6	
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
98-82-8	Isopropylbenzene	1.0	U
79-20-9	Methyl acetate	1.0	U
108-87-2	Methylcyclohexane	1.0	U
75-09-2	Methylene chloride	1.0	U

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

36/504

Client No.

MW-36

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A5E58716

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q9551.RR

Level: (low/med) LOW Date Samp/Recv: 12/21/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/27/2005

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	5.0	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	26	
91-20-3	Naphthalene	1.0	U
100-42-5	Styrene	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	0.45	J
108-88-3	Toluene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
71-55-6	1,1,1-Trichloroethane	5.3	
79-00-5	1,1,2-Trichloroethane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
79-01-6	Trichloroethene	13	
75-01-4	Vinyl chloride	1.8	
1330-20-7	Total Xylenes	3.0	U

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

37/504

Client No.

MW-39

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A5E58720

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q9555.RR

Level: (low/med) LOW Date Samp/Recv: 12/21/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/28/2005

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	5.0	U
71-43-2	Benzene	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon Disulfide	1.0	U
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	1.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	1.0	U
110-82-7	Cyclohexane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-59-2	cis-1,2-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
98-82-8	Isopropylbenzene	1.0	U
79-20-9	Methyl acetate	1.0	U
108-87-2	Methylcyclohexane	1.0	U
75-09-2	Methylene chloride	1.0	U

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.

MW-39

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A5E58720

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q9555.RR

Level: (low/med) LOW Date Samp/Recv: 12/21/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/28/2005

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	5.0	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	5.4	
91-20-3	Naphthalene	1.0	U
100-42-5	Styrene	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
71-55-6	1,1,1-Trichloroethane	2.8	
79-00-5	1,1,2-Trichloroethane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
79-01-6	Trichloroethene	4.0	
75-01-4	Vinyl chloride	1.0	U
1330-20-7	Total Xylenes	3.0	U

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.

MW-8

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A5E58704

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: S9672.RR

Level: (low/med) LOW Date Samp/Recv: 12/20/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/27/2005

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND		Q
67-64-1	Acetone	5.0	U
71-43-2	Benzene	1.8	
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon Disulfide	1.0	U
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	1.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	1.0	U
110-82-7	Cyclohexane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-59-2	cis-1,2-Dichloroethene	0.92	J
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
98-82-8	Isopropylbenzene	1.0	U
79-20-9	Methyl acetate	1.0	U
108-87-2	Methylcyclohexane	1.0	U
75-09-2	Methylene chloride	1.0	U

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

40/504

Client No.

MW-8

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A5E58704

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: S9672.RR

Level: (low/med) LOW Date Samp/Recv: 12/20/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/27/2005

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	5.0	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	1.8	
91-20-3	Naphthalene	0.53	J
100-42-5	Styrene	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
79-01-6	Trichloroethene	1.9	
75-01-4	Vinyl chloride	1.0	U
1330-20-7	Total Xylenes	3.0	U

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

41/504

Client No.

P-3

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A5E58708

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G7640.RR

Level: (low/med) LOW Date Samp/Recv: 12/20/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/28/2005

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	5.0	U
71-43-2	Benzene	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon Disulfide	1.0	U
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	1.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	1.0	U
110-82-7	Cyclohexane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-59-2	cis-1,2-Dichloroethene	13	
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
98-82-8	Isopropylbenzene	1.0	U
79-20-9	Methyl acetate	1.0	U
108-87-2	Methylcyclohexane	1.0	U
75-09-2	Methylene chloride	1.0	U

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

42/504

Client No.

P-3

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A5E58708

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G7640.RR

Level: (low/med) LOW Date Samp/Recv: 12/20/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/28/2005

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	5.0	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	1.0	U
91-20-3	Naphthalene	1.0	U
100-42-5	Styrene	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
79-01-6	Trichloroethene	6.8	
75-01-4	Vinyl chloride	3.2	
1330-20-7	Total Xylenes	3.0	U

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

43/504

Client No.

P-8

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A5E58706

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: S9674.RR

Level: (low/med) LOW Date Samp/Recv: 12/20/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/27/2005

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 25.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	120	U
71-43-2	Benzene	25	U
75-27-4	Bromodichloromethane	25	U
75-25-2	Bromoform	25	U
74-83-9	Bromomethane	25	U
78-93-3	2-Butanone	120	U
75-15-0	Carbon Disulfide	25	U
56-23-5	Carbon Tetrachloride	25	U
108-90-7	Chlorobenzene	25	U
75-00-3	Chloroethane	25	U
67-66-3	Chloroform	25	U
74-87-3	Chloromethane	25	U
110-82-7	Cyclohexane	25	U
106-93-4	1,2-Dibromoethane	25	U
124-48-1	Dibromochloromethane	25	U
96-12-8	1,2-Dibromo-3-chloropropane	25	U
95-50-1	1,2-Dichlorobenzene	25	U
541-73-1	1,3-Dichlorobenzene	25	U
106-46-7	1,4-Dichlorobenzene	25	U
75-71-8	Dichlorodifluoromethane	25	U
75-34-3	1,1-Dichloroethane	25	U
107-06-2	1,2-Dichloroethane	25	U
75-35-4	1,1-Dichloroethene	25	U
156-59-2	cis-1,2-Dichloroethene	1400	
156-60-5	trans-1,2-Dichloroethene	25	U
78-87-5	1,2-Dichloropropane	25	U
10061-01-5	cis-1,3-Dichloropropene	25	U
10061-02-6	trans-1,3-Dichloropropene	25	U
100-41-4	Ethylbenzene	25	U
591-78-6	2-Hexanone	120	U
98-82-8	Isopropylbenzene	25	U
79-20-9	Methyl acetate	25	U
108-87-2	Methylcyclohexane	25	U
75-09-2	Methylene chloride	25	U

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

44/504

Client No.

P-8

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A5E58706

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: S9674.RR

Level: (low/med) LOW Date Samp/Recv: 12/20/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/27/2005

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 25.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	120	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	25	U
91-20-3	Naphthalene	25	U
100-42-5	Styrene	25	U
79-34-5	1,1,2,2-Tetrachloroethane	25	U
127-18-4	Tetrachloroethene	25	U
108-88-3	Toluene	25	U
120-82-1	1,2,4-Trichlorobenzene	25	U
71-55-6	1,1,1-Trichloroethane	25	U
79-00-5	1,1,2-Trichloroethane	25	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	25	U
75-69-4	Trichlorofluoromethane	25	U
79-01-6	Trichloroethene	680	
75-01-4	Vinyl chloride	16	J
1330-20-7	Total Xylenes	75	U

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

45/504

Client No.

TB-121505-01

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A5E58703

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: S9671.RR

Level: (low/med) LOW Date Samp/Recv: 12/20/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/27/2005

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	5.0	U
71-43-2	Benzene	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon Disulfide	1.0	U
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	1.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	1.0	U
110-82-7	Cyclohexane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-59-2	cis-1,2-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
98-82-8	Isopropylbenzene	1.0	U
79-20-9	Methyl acetate	1.0	U
108-87-2	Methylcyclohexane	1.0	U
75-09-2	Methylene chloride	1.0	U

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

46/504

Client No.

TB-121505-01

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A5E58703

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: S9671.RR

Level: (low/med) LOW Date Samp/Recv: 12/20/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/27/2005

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND		Q
108-10-1	4-Methyl-2-pentanone	5.0	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	1.0	U
91-20-3	Naphthalene	1.0	U
100-42-5	Styrene	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
79-01-6	Trichloroethene	1.0	U
75-01-4	Vinyl chloride	1.0	U
1330-20-7	Total Xylenes	3.0	U

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

47/504

Client No.

TB-121505-02

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A5E58707

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: S9657.RR

Level: (low/med) LOW Date Samp/Recv: 12/20/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/27/2005

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	5.0	U
71-43-2	Benzene	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon Disulfide	1.0	U
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	1.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	1.0	U
110-82-7	Cyclohexane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-59-2	cis-1,2-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
98-82-8	Isopropylbenzene	1.0	U
79-20-9	Methyl acetate	1.0	U
108-87-2	Methylcyclohexane	1.0	U
75-09-2	Methylene chloride	1.0	U

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

48/504

Client No.

TB-121505-02

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A5E58707

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: S9657.RR

Level: (low/med) LOW Date Samp/Recv: 12/20/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/27/2005

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	5.0	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	1.0	U
91-20-3	Naphthalene	1.0	U
100-42-5	Styrene	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
79-01-6	Trichloroethene	1.0	U
75-01-4	Vinyl chloride	1.0	U
1330-20-7	Total Xylenes	3.0	U

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

	Client Sample ID	Lab Sample ID	BFB %REC	#	DCE %REC	#	TOL %REC	#						TOT OUT
1	EB122005	A5E58709	93		92		94							0
2	EB122105	A5E58717	102		97		99							0
3	MSB21	A5B2007601	89		99		96							0
4	MSB22	A5B2013701	88		104		98							0
5	MSB23	A5B2015901	88		96		93							0
6	MSB37	A5B2011201	94		92		95							0
7	MSB40	A5B2009801	102		95		100							0
8	MW-100	A5E58705	80		92		90							0
9	MW-101	A5E58714	101		96		100							0
10	MW-17	A5E58702	85		106		96							0
11	MW-2	A5E58701	94		92		95							0
12	MW-2	A5E58701MS	79		91		91							0
13	MW-2	A5E58701SD	84		97		94							0
14	MW-20	A5E58719	102		96		98							0
15	MW-21	A5E58712	88		108		96							0
16	MW-32	A5E58715	104		96		100							0
17	MW-33	A5E58718	104		97		100							0
18	MW-34	A5E58710	82		98		91							0
19	MW-34 DL	A5E58710DL	85		103		93							0
20	MW-35	A5E58713	103		97		99							0
21	MW-36	A5E58716	104		96		100							0
22	MW-39	A5E58720	104		97		101							0
23	MW-8	A5E58704	84		98		93							0
24	P-3	A5E58708	94		91		95							0
25	P-8	A5E58706	86		102		99							0
26	TB-121505-01	A5E58703	85		103		98							0
27	TB-121505-02	A5E58707	87		98		95							0
28	VBLK21	A5B2007602	85		97		92							0

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
WATER SURROGATE RECOVERY

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

	Client Sample ID	Lab Sample ID	BFB %REC	#	DCE %REC	#	TOL %REC	#						TOT OUT
29	VBLK22	A5B2013702	86		105		95							0
30	VBLK23	A5B2015902	81		98		89							0
31	VBLK37	A5B2011202	92		92		93							0
32	VBLK40	A5B2009802	102		94		100							0

QC LIMITS

BFB = p-Bromofluorobenzene (73-120)
DCE = 1,2-Dichloroethane-D4 (72-143)
TOL = Toluene-D8 (76-122)

Column to be used to flag recovery values
* Values outside of contract required QC limits
D Surrogates diluted out

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
WATER MATRIX SPIKE BLANK RECOVERY

Lab Name: STL Buffalo Contract: 4 Lab Samp ID: A5B2007602

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix Spike - Client Sample No.: VBLK21

COMPOUND	SPIKE ADDED UG/L	MSB CONCENTRATION UG/L	MSB % REC #	QC LIMITS REC.
1,1-Dichloroethene	25.0	31.9	128	65 - 142
Trichloroethene	25.0	28.8	116	71 - 120
Benzene	25.0	29.0	116	67 - 126
Toluene	25.0	28.2	113	69 - 120
Chlorobenzene	25.0	27.1	108	73 - 120

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike recovery: 0 out of 5 outside limits

Comments: _____

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
WATER MATRIX SPIKE BLANK RECOVERY

Lab Name: STL Buffalo Contract: 4 Lab Samp ID: A5B2009802

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix Spike - Client Sample No.: VBLK40

COMPOUND	SPIKE ADDED UG/L	MSB CONCENTRATION UG/L	MSB % REC #	QC LIMITS REC.
1,1-Dichloroethene	25.0	29.1	117	65 - 142
Trichloroethene	25.0	26.5	106	71 - 120
Benzene	25.0	27.2	109	67 - 126
Toluene	25.0	27.2	109	69 - 120
Chlorobenzene	25.0	27.0	108	73 - 120

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike recovery: 0 out of 5 outside limits

Comments: _____

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
WATER MATRIX SPIKE BLANK RECOVERY

Lab Name: STL Buffalo Contract: 4 Lab Samp ID: A5B2011202

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix Spike - Client Sample No.: VBLK37

COMPOUND	SPIKE ADDED UG/L	MSB CONCENTRATION UG/L	MSB % REC	#	QC LIMITS REC.
1,1-Dichloroethene	25.0	25.9	104		65 - 142
Trichloroethene	25.0	25.3	102		71 - 120
Benzene	25.0	25.8	103		67 - 126
Toluene	25.0	25.5	102		69 - 120
Chlorobenzene	25.0	25.7	103		73 - 120

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike recovery: 0 out of 5 outside limits

Comments: _____

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
WATER MATRIX SPIKE BLANK RECOVERY

Lab Name: STL Buffalo Contract: 4 Lab Samp ID: A5B2013702

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix Spike - Client Sample No.: VBLK22

COMPOUND	SPIKE ADDED UG/L	MSB CONCENTRATION UG/L	MSB % REC #	QC LIMITS REC.
1,1-Dichloroethene	25.0	29.2	117	65 - 142
Trichloroethene	25.0	27.3	110	71 - 120
Benzene	25.0	27.2	109	67 - 126
Toluene	25.0	25.8	103	69 - 120
Chlorobenzene	25.0	25.0	100	73 - 120

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike recovery: 0 out of 5 outside limits

Comments: _____

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
WATER MATRIX SPIKE BLANK RECOVERY

Lab Name: STL Buffalo Contract: 4 Lab Samp ID: A5B2015902

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix Spike - Client Sample No.: VBLK23

COMPOUND	SPIKE ADDED UG/L	MSB CONCENTRATION UG/L	MSB % REC #	QC LIMITS REC.
1,1-Dichloroethene	25.0	29.4	118	65 - 142
Trichloroethene	25.0	28.6	115	71 - 120
Benzene	25.0	28.1	113	67 - 126
Toluene	25.0	26.7	107	69 - 120
Chlorobenzene	25.0	26.5	106	73 - 120

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike recovery: 0 out of 5 outside limits

Comments: _____

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

56/504

Lab Name: STL Buffalo Contract: 4 Lab Samp ID: A5E58701

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix Spike - Client Sample No.: MW-2

COMPOUND	SPIKE ADDED UG/L	SAMPLE CONCENTRATION UG/L	MS CONCENTRATION UG/L	MS % REC #	QC LIMITS REC.
1,1-Dichloroethene	25.0	0	31.4	126	65 - 142
Trichloroethene	25.0	1.54	30.4	116	71 - 120
Benzene	25.0	0	29.0	116	67 - 126
Toluene	25.0	0	27.6	110	69 - 120
Chlorobenzene	25.0	0	27.0	108	73 - 120

COMPOUND	SPIKE ADDED UG/L	MSD CONCENTRATION UG/L	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1-Dichloroethene	25.0	31.9	128	2	16	65 - 142
Trichloroethene	25.0	31.2	119	2	16	71 - 120
Benzene	25.0	29.9	120	3	13	67 - 126
Toluene	25.0	28.4	114	4	18	69 - 120
Chlorobenzene	25.0	27.4	110	2	19	73 - 120

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 5 outside limits
Spike recovery: 0 out of 10 outside limits

Comments: _____

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
METHOD BLANK SUMMARY

57/504
Client No.

VBLK21

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Lab File ID: S9655.RR Lab Sample ID: A5B2007602

Date Analyzed: 12/27/2005 Time Analyzed: 11:30

GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Instrument ID: HP5973S

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
1	MSB21	A5B2007601	S9656.RR	11:54
2	MW-100	A5E58705	S9673.RR	18:48
3	MW-2	A5E58701MS	S9668.RR	16:47
4	MW-2	A5E58701SD	S9669.RR	17:11
5	MW-8	A5E58704	S9672.RR	18:24
6	P-8	A5E58706	S9674.RR	19:12
7	TB-121505-01	A5E58703	S9671.RR	17:59
8	TB-121505-02	A5E58707	S9657.RR	12:20

Comments: _____

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

58/504

Client No.

VBLK21

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A5B2007602

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: S9655.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/27/2005

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	5.0	U
71-43-2	Benzene	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon Disulfide	1.0	U
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	1.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	1.0	U
110-82-7	Cyclohexane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-59-2	cis-1,2-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
98-82-8	Isopropylbenzene	1.0	U
79-20-9	Methyl acetate	1.0	U
108-87-2	Methylcyclohexane	1.0	U
75-09-2	Methylene chloride	1.0	U

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

59/504

Client No.

VBLK21

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A5B2007602

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: S9655.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/27/2005

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	5.0	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	1.0	U
91-20-3	Naphthalene	1.0	U
100-42-5	Styrene	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
79-01-6	Trichloroethene	1.0	U
75-01-4	Vinyl chloride	1.0	U
1330-20-7	Total Xylenes	3.0	U

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
METHOD BLANK SUMMARY

60/504
Client No.

VBLK40

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Lab File ID: Q9547.RR Lab Sample ID: A5B2009802

Date Analyzed: 12/27/2005 Time Analyzed: 21:45

GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Instrument ID: HP5973Q

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
1	EB122105	A5E58717	Q9552.RR	00:08
2	MSB40	A5B2009801	Q9546.RR	21:17
3	MW-101	A5E58714	Q9549.RR	22:43
4	MW-20	A5E58719	Q9554.RR	01:05
5	MW-32	A5E58715	Q9550.RR	23:12
6	MW-33	A5E58718	Q9553.RR	00:37
7	MW-35	A5E58713	Q9548.RR	22:15
8	MW-36	A5E58716	Q9551.RR	23:40
9	MW-39	A5E58720	Q9555.RR	01:33

Comments: _____

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

61/504

Client No.

VBLK40

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A5B2009802

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q9547.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/27/2005

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND		Q
67-64-1	Acetone	5.0	U
71-43-2	Benzene	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon Disulfide	1.0	U
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	1.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	1.0	U
110-82-7	Cyclohexane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-59-2	cis-1,2-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
98-82-8	Isopropylbenzene	1.0	U
79-20-9	Methyl acetate	1.0	U
108-87-2	Methylcyclohexane	1.0	U
75-09-2	Methylene chloride	1.0	U

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

62/504

Client No.

VBLK40

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A5B2009802

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q9547.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/27/2005

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	5.0	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	1.0	U
91-20-3	Naphthalene	1.0	U
100-42-5	Styrene	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
79-01-6	Trichloroethene	1.0	U
75-01-4	Vinyl chloride	1.0	U
1330-20-7	Total Xylenes	1.2	J

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
METHOD BLANK SUMMARY

Client No.

VBLK37

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Lab File ID: G7618.RR Lab Sample ID: A5B2011202

Date Analyzed: 12/27/2005 Time Analyzed: 21:51

GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Instrument ID: HP5973G

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
1	EB122005	A5E58709	G7641.RR	06:43
2	MSB37	A5B2011201	G7617.RR	21:29
3	MW-2	A5E58701	G7639.RR	05:57
4	P-3	A5E58708	G7640.RR	06:20

Comments: _____

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

64/504

Client No.

VBLK37

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A5B2011202

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G7618.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/27/2005

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND		Q
67-64-1	Acetone	5.0	U
71-43-2	Benzene	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon Disulfide	1.0	U
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	1.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	1.0	U
110-82-7	Cyclohexane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-59-2	cis-1,2-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
98-82-8	Isopropylbenzene	1.0	U
79-20-9	Methyl acetate	1.0	U
108-87-2	Methylcyclohexane	1.0	U
75-09-2	Methylene chloride	1.0	U

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

65/504

Client No.

VBLK37

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A5B2011202

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G7618.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/27/2005

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	5.0	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	1.0	U
91-20-3	Naphthalene	1.0	U
100-42-5	Styrene	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
79-01-6	Trichloroethene	1.0	U
75-01-4	Vinyl chloride	1.0	U
1330-20-7	Total Xylenes	3.0	U

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
METHOD BLANK SUMMARY

66/504
Client No.

VBLK22

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Lab File ID: S9693.RR Lab Sample ID: A5B2013702

Date Analyzed: 12/28/2005 Time Analyzed: 09:44

GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Instrument ID: HP5973S

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
1	MSB22	A5B2013701	S9692.RR	09:19
2	MW-17	A5E58702	S9696.RR	10:56
3	MW-34	A5E58710	S9694.RR	10:08

Comments: _____

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

67/504

Client No.

VBLK22

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A5B2013702

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: S9693.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/28/2005

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	5.0	U
71-43-2	Benzene	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon Disulfide	1.0	U
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	1.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	1.0	U
110-82-7	Cyclohexane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-59-2	cis-1,2-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
98-82-8	Isopropylbenzene	1.0	U
79-20-9	Methyl acetate	1.0	U
108-87-2	Methylcyclohexane	1.0	U
75-09-2	Methylene chloride	1.0	U

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

68/504

Client No.

VBLK22

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A5B2013702

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: S9693.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/28/2005

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND		Q
108-10-1	4-Methyl-2-pentanone	5.0	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	1.0	U
91-20-3	Naphthalene	1.0	U
100-42-5	Styrene	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
79-01-6	Trichloroethene	1.0	U
75-01-4	Vinyl chloride	1.0	U
1330-20-7	Total Xylenes	3.0	U

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
METHOD BLANK SUMMARY

Client No.: VBLK23

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Lab File ID: S9721.RR Lab Sample ID: A5B2015902

Date Analyzed: 12/28/2005 Time Analyzed: 20:59

GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Instrument ID: HP5973S

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
1	MSB23	A5B2015901	S9720.RR	20:35
2	MW-21	A5E58712	S9725.RR	22:42
3	MW-34 DL	A5E58710DL	S9724.RR	22:18

Comments: _____

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

70/504

Client No.

VBLK23

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A5B2015902

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: S9721.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/28/2005

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	5.0	U
71-43-2	Benzene	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon Disulfide	1.0	U
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	1.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	1.0	U
110-82-7	Cyclohexane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-59-2	cis-1,2-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
98-82-8	Isopropylbenzene	1.0	U
79-20-9	Methyl acetate	1.0	U
108-87-2	Methylcyclohexane	1.0	U
75-09-2	Methylene chloride	1.0	U

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

71/504

Client No.

VBLK23

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A5B2015902

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: S9721.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/28/2005

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	5.0	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	1.0	U
91-20-3	Naphthalene	1.0	U
100-42-5	Styrene	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
79-01-6	Trichloroethene	1.0	U
75-01-4	Vinyl chloride	1.0	U
1330-20-7	Total Xylenes	3.0	U

Lab Name: STL Buffalo Contract: 4 Labsampid: A5C0006622

Lab Code: RECNY Case No.: ____ SAS No.: ____ SDG No.: ____

Lab File ID (Standard): G7615.RR Date Analyzed: 12/27/2005

Instrument ID: HP5973G Time Analyzed: 20:41

GC Column(1): DB-624 ID: 0.250(mm) Heated Purge: (Y/N) N

			IS1 (CBZ) AREA	#	RT	#	IS2 (DCB) AREA	#	RT	#	IS3 (DFB) AREA	#	RT	#
	12 HOUR STD		177567		8.70		170788		11.05		349549		5.80	
	UPPER LIMIT		355134		9.20		341576		11.55		699098		6.30	
	LOWER LIMIT		88784		8.20		85394		10.55		174775		5.30	
	CLIENT SAMPLE	Lab Sample ID												
1	EB122005	A5E58709	170909		8.70		161752		11.05		338651		5.81	
2	MSB37	A5B2011201	173200		8.70		164553		11.05		344655		5.81	
3	MW-2	A5E58701	169364		8.70		159128		11.06		341239		5.80	
4	P-3	A5E58708	171732		8.70		164785		11.05		348575		5.80	
5	VBLK37	A5B2011202	175393		8.70		165543		11.05		349100		5.81	

	AREA UNIT QC LIMITS	RT QC LIMITS
IS1 (CBZ) = Chlorobenzene-D5	(50-200)	-0.50 / +0.50 min
IS2 (DCB) = 1,4-Dichlorobenzene-D4	(50-200)	-0.50 / +0.50 min
IS3 (DFB) = 1,4-Difluorobenzene	(50-200)	-0.50 / +0.50 min

\# Column to be used to flag recovery values
* Values outside of contract required QC limits

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: STL Buffalo Contract: 4 Labsampid: A5C0006629

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Lab File ID (Standard): Q9545.RR Date Analyzed: 12/27/2005

Instrument ID: HP5973Q Time Analyzed: 20:40

GC Column(1): DB-624 ID: 0.250(mm) Heated Purge: (Y/N) N

			IS1 (CBZ) AREA	#	RT	#	IS2 (DCB) AREA	#	RT	#	IS3 (DFB) AREA	#	RT	#
	12 HOUR STD		252227		8.39		126055		10.53		288192		5.77	
	UPPER LIMIT		504454		8.89		252110		11.03		576384		6.27	
	LOWER LIMIT		126114		7.89		63028		10.03		144096		5.27	
	CLIENT SAMPLE	Lab Sample ID												
1	EB122105	A5E58717	245180		8.39		117155		10.53		277560		5.77	
2	MSB40	A5B2009801	249415		8.39		117928		10.53		285218		5.77	
3	MW-101	A5E58714	248417		8.39		119550		10.54		280187		5.77	
4	MW-20	A5E58719	244192		8.39		117109		10.53		275423		5.77	
5	MW-32	A5E58715	245891		8.39		118399		10.54		278806		5.77	
6	MW-33	A5E58718	242307		8.39		117830		10.54		275616		5.77	
7	MW-35	A5E58713	248704		8.39		115168		10.53		281438		5.77	
8	MW-36	A5E58716	243816		8.39		116670		10.53		278237		5.77	
9	MW-39	A5E58720	237875		8.39		114860		10.53		275219		5.77	
10	VBLK40	A5B2009802	250720		8.39		120285		10.53		284411		5.77	

	AREA UNIT QC LIMITS	RT QC LIMITS
IS1 (CBZ) = Chlorobenzene-D5	(50-200)	-0.50 / +0.50 min
IS2 (DCB) = 1,4-Dichlorobenzene-D4	(50-200)	-0.50 / +0.50 min
IS3 (DFB) = 1,4-Difluorobenzene	(50-200)	-0.50 / +0.50 min

\# Column to be used to flag recovery values
* Values outside of contract required QC limits

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: STL Buffalo Contract: 4 Labsampid: A5C0006621

Lab Code: RECNY Case No.: ____ SAS No.: ____ SDG No.: ____

Lab File ID (Standard): S9652.RR Date Analyzed: 12/27/2005

Instrument ID: HP5973S Time Analyzed: 10:13

GC Column(1): DB-624 ID: 0.180(mm) Heated Purge: (Y/N) N

			IS1 (CBZ) AREA	#	RT	#	IS2 (DCB) AREA	#	RT	#	IS3 (DFB) AREA	#	RT	#
	12 HOUR STD		600499		7.30		297459		9.16		441026		5.09	
	UPPER LIMIT		1200998		7.80		594918		9.66		882052		5.59	
	LOWER LIMIT		300250		6.80		148730		8.66		220513		4.59	
	CLIENT SAMPLE	Lab Sample ID												
1	MSB21	A5B2007601	567286		7.30		268030		9.16		425062		5.09	
2	MW-100	A5E58705	582848		7.30		279039		9.17		424238		5.09	
3	MW-2	A5E58701MS	573247		7.30		267484		9.16		424442		5.09	
4	MW-2	A5E58701SD	573304		7.30		265132		9.16		422149		5.09	
5	MW-8	A5E58704	545856		7.30		262800		9.17		390693		5.09	
6	P-8	A5E58706	559665		7.30		255277		9.16		410100		5.09	
7	TB-121505-01	A5E58703	540313		7.30		245616		9.17		389528		5.09	
8	TB-121505-02	A5E58707	564581		7.30		260644		9.16		411945		5.09	
9	VBLK21	A5B2007602	556539		7.30		258175		9.16		405816		5.09	

	AREA UNIT QC LIMITS	RT QC LIMITS
IS1 (CBZ) = Chlorobenzene-D5	(50-200)	-0.50 / +0.50 min
IS2 (DCB) = 1,4-Dichlorobenzene-D4	(50-200)	-0.50 / +0.50 min
IS3 (DFB) = 1,4-Difluorobenzene	(50-200)	-0.50 / +0.50 min

\# Column to be used to flag recovery values
* Values outside of contract required QC limits

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: STL Buffalo Contract: 4 Labsampid: A5C0006632

Lab Code: RECNY Case No.: ____ SAS No.: ____ SDG No.: ____

Lab File ID (Standard): S9691.RR Date Analyzed: 12/28/2005

Instrument ID: HP5973S Time Analyzed: 08:52

GC Column(1): DB-624 ID: 0.180(mm) Heated Purge: (Y/N) N

			IS1 (CBZ) AREA	#	RT	#	IS2 (DCB) AREA	#	RT	#	IS3 (DFB) AREA	#	RT	#
	12 HOUR STD		557609		7.30		290663		9.16		392221		5.09	
	UPPER LIMIT		1115218		7.80		581326		9.66		784442		5.59	
	LOWER LIMIT		278805		6.80		145332		8.66		196111		4.59	
	CLIENT SAMPLE	Lab Sample ID												
1	MSB22	A5B2013701	545359		7.30		253524		9.16		396361		5.09	
2	MW-17	A5E58702	530612		7.30		242129		9.17		374495		5.09	
3	MW-34	A5E58710	541725		7.30		253813		9.17		379329		5.09	
4	VBLK22	A5B2013702	535567		7.30		244360		9.17		375838		5.09	

	AREA UNIT QC LIMITS	RT QC LIMITS
IS1 (CBZ) = Chlorobenzene-D5	(50-200)	-0.50 / +0.50 min
IS2 (DCB) = 1,4-Dichlorobenzene-D4	(50-200)	-0.50 / +0.50 min
IS3 (DFB) = 1,4-Difluorobenzene	(50-200)	-0.50 / +0.50 min

\# Column to be used to flag recovery values
* Values outside of contract required QC limits

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: STL Buffalo Contract: 4 Labsampid: A5C0006643

Lab Code: RECNY Case No.: ____ SAS No.: ____ SDG No.: ____

Lab File ID (Standard): S9718.RR Date Analyzed: 12/28/2005

Instrument ID: HP5973S Time Analyzed: 19:47

GC Column(1): DB-624 ID: 0.180(mm) Heated Purge: (Y/N) N

			IS1 (CBZ) AREA	#	RT	#	IS2 (DCB) AREA	#	RT	#	IS3 (DFB) AREA	#	RT	#
	12 HOUR STD		557852		7.30		295373		9.16		387682		5.09	
	UPPER LIMIT		1115704		7.80		590746		9.66		775364		5.59	
	LOWER LIMIT		278926		6.80		147687		8.66		193841		4.59	
	CLIENT SAMPLE	Lab Sample ID												
1	MSB23	A5B2015901	576889		7.30		298932		9.17		410703		5.09	
2	MW-21	A5E58712	522948		7.30		246274		9.17		357903		5.09	
3	MW-34 DL	A5E58710DL	526940		7.30		248196		9.17		368158		5.09	
4	VBLK23	A5B2015902	544736		7.30		253992		9.17		382802		5.09	

	AREA UNIT QC LIMITS	RT QC LIMITS
IS1 (CBZ) = Chlorobenzene-D5	(50-200)	-0.50 / +0.50 min
IS2 (DCB) = 1,4-Dichlorobenzene-D4	(50-200)	-0.50 / +0.50 min
IS3 (DFB) = 1,4-Difluorobenzene	(50-200)	-0.50 / +0.50 min

\# Column to be used to flag recovery values
* Values outside of contract required QC limits

Sample Data Package

SDG Narrative

SAMPLE SUMMARY

LAB SAMPLE ID	CLIENT SAMPLE ID	MATRIX	SAMPLED DATE	SAMPLED TIME	RECEIVED DATE	RECEIVED TIME
A5E58709	EB122005	WATER	12/21/2005	08:53	12/23/2005	10:15
A5E58717	EB122105	WATER	12/21/2005	13:11	12/23/2005	10:15
A5E58705	MW-100	WATER	12/20/2005	19:00	12/23/2005	10:15
A5E58714	MW-101	WATER	12/21/2005	19:00	12/23/2005	10:15
A5E58702	MW-17	WATER	12/20/2005	13:55	12/23/2005	10:15
A5E58701	MW-2	WATER	12/20/2005	11:00	12/23/2005	10:15
A5E58701MS	MW-2	WATER	12/20/2005	11:00	12/23/2005	10:15
A5E58701SD	MW-2	WATER	12/20/2005	11:00	12/23/2005	10:15
A5E58719	MW-20	WATER	12/21/2005	15:25	12/23/2005	10:15
A5E58712	MW-21	WATER	12/21/2005	10:50	12/23/2005	10:15
A5E58715	MW-32	WATER	12/21/2005	12:22	12/23/2005	10:15
A5E58718	MW-33	WATER	12/21/2005	14:44	12/23/2005	10:15
A5E58710	MW-34	WATER	12/21/2005	09:40	12/23/2005	10:15
A5E58713	MW-35	WATER	12/21/2005	11:50	12/23/2005	10:15
A5E58716	MW-36	WATER	12/21/2005	14:20	12/23/2005	10:15
A5E58720	MW-39	WATER	12/21/2005	16:10	12/23/2005	10:15
A5E58704	MW-8	WATER	12/20/2005	14:20	12/23/2005	10:15
A5E58708	P-3	WATER	12/20/2005	15:55	12/23/2005	10:15
A5E58706	P-8	WATER	12/20/2005	15:40	12/23/2005	10:15
A5E58703	TB-121505-01	WATER	12/20/2005		12/23/2005	10:15
A5E58707	TB-121505-02	WATER	12/20/2005		12/23/2005	10:15

METHODS SUMMARY

Job#: A05-E587

STL Project#: NY4A9171
Site Name: Environmental Strategies Corporation

PARAMETER	ANALYTICAL METHOD
METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W	SW8463 8260

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-E587

STL Project#: NY4A9171
Site Name: Environmental Strategies Corporation

General Comments

The enclosed data may or may not 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-E587
Sample Cooler(s) were received at the following temperature(s); 2.0 °C
All samples were received in good condition.

GC/MS Volatile Data

All samples were preserved to a PH less than 2.

The analytes Total Xylenes were detected in Method Blank VBLK40 (A5B2009802) 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.

Initial calibration standard curve A5I0002430-1 exhibited the %RSD of the compounds Bromomethane, Chloroethane, Methylene Chloride and 1,2,4-Trichlorobenzene as greater than 15%. However, the mean RSD of all compounds is 6.44%.

Initial calibration standard curve A5I0002444-1 exhibited the %RSD of several compounds as greater than 15%. However, the mean RSD of all compounds is 10.12%.

Initial calibration standard curve A5I0002442-1 exhibited the %RSD of several compounds as greater than 15%. However, the mean RSD of all compounds is 8.04%.

****

Chain Of Custody Documentation

CHAIN OF CUSTODY RECORD

No. 037478

Project Number:	Site and Location:
148992	Sherrard, NY - Former GIC Site

Sampler's Name(s): Todd Waldrop, Brett Marvin, Erik Reinhardt

Sampler's Signature(s): Todd Waldrop, Brett Marvin, Erik Reinhardt

Matrices: S = Soil; Aq = Water; A = Air; Bu = Bulk; W = Wipe; Bi = Biota; OW = Oily Waste; O = Other

Requested Analyses

Sample Identification:	Date	Time	Matrix	Number of Containers	VOCs (8260)									Remarks
MW-2	12/20/05	1100	AQ	2	2									
MW-2-MS	12/20/05	1105	AQ	2	2									Matrix Spike
MW-2-MSD	12/20/05	1105	AQ	2	2									Matrix Spike Duplicate
MW-17	12/20/05	1355	AQ	2	2									
~~TRIP BLANK~~ TB-121505-01	12/15/05	-	AQ	2	2									Trip Blank
MW-8	12/20/05	1420	AQ	2	2									
MW-100	12/20/05	1900	AQ	2	2									
P-8	12/20/05	1540	AQ	2	2									
TB-121505-02	12/15/05	-	AQ	1	1									
P-3	12/20/05	1555	AQ	2	2									
EB122005	12/21/05	0953	Aq	2	2									Equipment Blank
MW-34	12/21/05	0940	AQ	2	2									
MW-31	12/21/05	1025	Aq	2	2									
MW-31MS	12/21/05	1025	Aq	2	2									Matrix Spike
MW-31MSD	12/21/05	1025	Aq	2	2									Matrix Spike Duplicate
MW-21	12/21/05	1050	Aq	2	2									

Relinquished by (Signature):	12/22/05 1643 (Date | Time)	Received by (Signature): 1615	Laboratory Name: STL Buffalo
Relinquished by (Signature):	Date | Time	Received by (Signature):	Laboratory Location: Amherst, NY
			Custody Seal Numbers: 148992.1004.10 to .13
Turn-Around Time: 2-Week		Tracking Number: 9525 0523 4190	Method of Shipment: Fedex

ENVIRONMENTAL STRATEGIES CONSULTING LLC
A QUANTA TECHNICAL SERVICES COMPANY

☐ Reston Office: 11911 Freedom Dr, # 900, Reston, VA 20190
Tel: (703) 709-6500, Fax: (703) 709-8505

☐ Pittsburgh Office: 300 Corporate Center Dr, # 200, Moon Twp, PA 15108
Tel: (412) 604-1040, Fax: (412) 604-1055

☐ Denver Office: 4600 South Ulster, # 930, Denver, CO 80237
Tel: (303) 850-9200, Fax: (303) 850-9214

☐ Minneapolis Office: 123 North 3rd St, #706, Minneapolis, MN 55401
Tel: (612) 343-0510, Fax: (612) 343-0506

☒ Cazenovia Office 5 Sullivan St, 13035

CHAIN OF CUSTODY RECORD

No. 034637

Project Number:	Site and Location:
148992	SHERBURNE, NY - FORMER GIC SITE

Sampler's Name(s): TODD WALDRON, BRETT MARION, ERIK REINHART

Sampler's Signature(s): Todd Waldron Brett Marion Erik Reinhart

Matrices: S = Soil; Aq = Water; A = Air; Bu = Bulk; W = Wipe; Bi = Biota; OW = Oily Waste; O = Other

Requested Analyses

Sample Identification:	Date	Time	Matrix	Number of Containers	VOCs (8260)									Remarks
MW-35	12/21/05	1150	AQ	2	2									
MW-101	12/21/05	1900	AQ	2	2									
MW-32	12/21/05	1222	Aq	2	2									
~~EB122105~~ EB122105	12/21/05	1311	Aq	2	2									Equipment blank
MW-36	12/21/05	1420	AQ	2	2									
MW-33	122105	1444	Aq	2	2									
MW-20	12/21/05	1525	Aq	2	2									
MW-39	12/21/05	1610	AQ	2	2									
MW-22	12/21/05	1703	Aq	2	2									
MW-25	12/21/05	1725	Aq	2	2									
MW-38	12/22/05	0845	AQ	2	2									
MW-37	12/22/05	0856	AQ	2	2									
MW-24	12/22/05	0920	AQ	2	2									
MW-30	12/22/05	1035	AQ	2	2									
EB-122205	12/22/05	1110	AQ	2	2									
MW-23	12/22/05	1121	Aq	2	2									

Relinquished by (Signature):	12/22/05 1643 Date | Time	Received by (Signature): 1015 STL 122305	Laboratory Name: STL Buffalo
Relinquished by (Signature):	Date | Time	Received by (Signature):	Laboratory Location: Amherst NY
			Custody Seal Numbers: 148992.1004.10-13
Turn-Around Time: 2-week		Tracking Number: 8525 0523 4190	Method of Shipment: Fedex

ENVIRONMENTAL STRATEGIES CONSULTING LLC
A QUANTA TECHNICAL SERVICES COMPANY

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☐ Denver Office: 4600 South Ulster, # 930, Denver, CO 80237
Tel: (303) 850-9200, Fax: (303) 850-9214

☐ Minneapolis Office: 123 North 3rd St, #706, Minneapolis, MN 55401
Tel: (612) 343-0510, Fax: (612) 343-0506

☒ Cazenovia Office - 5 Sullivan St. 13035

CHAIN OF CUSTODY RECORD

No. 034636

Project Number:	Site and Location:
148992	Sherburne, NY – Former GIC site

Sampler's Name(s): Todd Waldrop, Brett Marion, Erik Rainert

Sampler's Signature(s): Brett Marion

Matrices: S = Soil; Aq = Water; A = Air; Bu = Bulk; W = Wipe; Bi = Biota; OW = Oily Waste; O = Other

Requested Analyses

Sample Identification:	Date	Time	Matrix	Number of Containers	VOCs (8260)	Remarks
MW-27	12/22/05	1120	AQ	2	2	
P-10	12/22/05	1350	AQ	2	2	
MW-26	12/22/05	1351	AQ	2	2	
P-11	12/22/05	1415	AQ	2	2	
MW-29	12/22/05	1505	AQ	2	2	

Relinquished by (Signature):	12/22/05 1643 Date | Time	Received by (Signature): 1015	Laboratory Name: STL Buffalo
Relinquished by (Signature):	Date | Time	Received by (Signature):	Laboratory Location: Amherst, NY
Turn-Around Time: 2-week		Tracking Number: 9525-3945-7	Custody Seal Numbers: ~~148~~ 148992.1004.10 to .13
			Method of Shipment: Fedex

ENVIRONMENTAL STRATEGIES CONSULTING LLC
A QUANTA TECHNICAL SERVICES COMPANY

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Tel: (303) 850-9200, Fax: (303) 850-9214

☐ Minneapolis Office: 123 North 3rd St, #706, Minneapolis, MN 55401
Tel: (612) 343-0510, Fax: (612) 343-0506

☒ Cazenovia Office 5 Sullivan St, Cazenovia NY 13035

Job No: A05-E587
Client: Environmental Strategies Corporation
Project: NY4A9171
SDG:
Case:
SMO No:
No. Samps: 1

Radiation Check: YES
Custody Seal: YES
Chain of Custody: YES
Sample Tags: NO
Sample Tag Numbers: NO
SMO Forms: NO
CLSIS: NO

Cooler Temperature: 2.0°C

Sample	Receive	Client Sample ID	Lab ID	Condition	Bottles	Parameters	Lab	Pres log Code	Pres log PH
12/20/2005 11:00	12/23/2005 10:15	MW-2	A5E58701	Good	2-40mlV	8260	RECNY	0103	<2
12/20/2005 11:00	12/23/2005 10:15	MW-2	A5E58701MS	Good	2-40mlV	8260	RECNY	0103	<2
12/20/2005 11:00	12/23/2005 10:15	MW-2	A5E58701SD	Good	2-40mlV	8260	RECNY	0103	<2
12/20/2005 13:55	12/23/2005 10:15	MW-17	A5E58702	Good	2-40mlV	8260	RECNY	0103	<2
12/20/2005	12/23/2005 10:15	TB-121505-01	A5E58703	Good	2-40mlV	8260	RECNY	0103	<2
12/20/2005 14:20	12/23/2005 10:15	MW-8	A5E58704	Good	2-40mlV	8260	RECNY	0103	<2
12/20/2005 19:00	12/23/2005 10:15	MW-100	A5E58705	Good	2-40mlV	8260	RECNY	0103	<2
12/20/2005 15:40	12/23/2005 10:15	P-8	A5E58706	Good	2-40mlV	8260	RECNY	0103	<2
12/20/2005	12/23/2005 10:15	TB-121505-02	A5E58707	Good	1-40mlV	8260	RECNY	0103	<2
12/20/2005 15:55	12/23/2005 10:15	P-3	A5E58708	Good	2-40mlV	8260	RECNY	0103	<2
12/21/2005 08:53	12/23/2005 10:15	EB122005	A5E58709	Good	2-40mlV	8260	RECNY	0103	<2
12/21/2005 09:40	12/23/2005 10:15	MW-34	A5E58710	Good	2-40mlV	8260	RECNY	0103	<2
12/21/2005 10:50	12/23/2005 10:15	MW-21	A5E58712	Good	2-40mlV	8260	RECNY	0103	<2
12/21/2005 11:50	12/23/2005 10:15	MW-35	A5E58713	Good	2-40mlV	8260	RECNY	0103	<2
12/21/2005 19:00	12/23/2005 10:15	MW-101	A5E58714	Good	2-40mlV	8260	RECNY	0103	<2
12/21/2005 12:22	12/23/2005 10:15	MW-32	A5E58715	Good	2-40mlV	8260	RECNY	0103	<2
12/21/2005 14:20	12/23/2005 10:15	MW-36	A5E58716	Good	2-40mlV	8260	RECNY	0103	<2
12/21/2005 13:11	12/23/2005 10:15	EB122105	A5E58717	Good	2-40mlV	8260	RECNY	0103	<2
12/21/2005 14:44	12/23/2005 10:15	MW-33	A5E58718	Good	2-40mlV	8260	RECNY	0103	<2
12/21/2005 15:25	12/23/2005 10:15	MW-20	A5E58719	Good	2-40mlV	8260	RECNY	0103	<2
12/21/2005 16:10	12/23/2005 10:15	MW-39	A5E58720	Good	2-40mlV	8260	RECNY	0103	<2

Sample Custodian: Tom G 12/23/2005

Analytical Services Coordinator: _____ /____/20__

86/504

Preservation Code References:

First Digit: Sample Filtration; 1=Filtered, 0=Unfiltered
Second Digit: Sample Requires Cooling; (4°) 1=Cooled, 0=Not Cooled

Third, Fourth Digits - Preservation Types:
00=Nothing added, 01=HNO3, 02=H2SO4, 03=HCl, 04=Sodium Thiosulfate
05=NaOH, 06=NaOH+Zinc Acetate, 07=Sodium Thiosulfate+HCl, 08=MeOH
09=MCAA (Mono chloroacetic acid)

Volatiles

QC Summary

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
WATER SURROGATE RECOVERY

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

	Client Sample ID	Lab Sample ID	BFB %REC	#	DCE %REC	#	TOL %REC	#						TOT OUT
1	EB122005	A5E58709	93		92		94							0
2	EB122105	A5E58717	102		97		99							0
3	MSB21	A5B2007601	89		99		96							0
4	MSB22	A5B2013701	88		104		98							0
5	MSB23	A5B2015901	88		96		93							0
6	MSB37	A5B2011201	94		92		95							0
7	MSB40	A5B2009801	102		95		100							0
8	MW-100	A5E58705	80		92		90							0
9	MW-101	A5E58714	101		96		100							0
10	MW-17	A5E58702	85		106		96							0
11	MW-2	A5E58701	94		92		95							0
12	MW-2	A5E58701MS	79		91		91							0
13	MW-2	A5E58701SD	84		97		94							0
14	MW-20	A5E58719	102		96		98							0
15	MW-21	A5E58712	88		108		96							0
16	MW-32	A5E58715	104		96		100							0
17	MW-33	A5E58718	104		97		100							0
18	MW-34	A5E58710	82		98		91							0
19	MW-34 DL	A5E58710DL	85		103		93							0
20	MW-35	A5E58713	103		97		99							0
21	MW-36	A5E58716	104		96		100							0
22	MW-39	A5E58720	104		97		101							0
23	MW-8	A5E58704	84		98		93							0
24	P-3	A5E58708	94		91		95							0
25	P-8	A5E58706	86		102		99							0
26	TB-121505-01	A5E58703	85		103		98							0
27	TB-121505-02	A5E58707	87		98		95							0
28	VBLK21	A5B2007602	85		97		92							0

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
WATER SURROGATE RECOVERY

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

	Client Sample ID	Lab Sample ID	BFB %REC	#	DCE %REC	#	TOL %REC	#						TOT OUT
29	VBLK22	A5B2013702	86		105		95							0
30	VBLK23	A5B2015902	81		98		89							0
31	VBLK37	A5B2011202	92		92		93							0
32	VBLK40	A5B2009802	102		94		100							0

			QC LIMITS
BFB	=	p-Bromofluorobenzene	(73-120)
DCE	=	1,2-Dichloroethane-D4	(72-143)
TOL	=	Toluene-D8	(76-122)

\# Column to be used to flag recovery values
* Values outside of contract required QC limits
D Surrogates diluted out

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
WATER MATRIX SPIKE BLANK RECOVERY

Lab Name: STL Buffalo Contract: 4 Lab Samp ID: A5B2007602

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix Spike - Client Sample No.: VBLK21

COMPOUND	SPIKE ADDED UG/L	MSB CONCENTRATION UG/L	MSB % REC #	QC LIMITS REC.
1,1-Dichloroethene	25.0	31.9	128	65 - 142
Trichloroethene	25.0	28.8	116	71 - 120
Benzene	25.0	29.0	116	67 - 126
Toluene	25.0	28.2	113	69 - 120
Chlorobenzene	25.0	27.1	108	73 - 120

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike recovery: 0 out of 5 outside limits

Comments: _____

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
WATER MATRIX SPIKE BLANK RECOVERY

Lab Name: STL Buffalo Contract: 4 Lab Samp ID: A5B2009802

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix Spike - Client Sample No.: VBLK40

COMPOUND	SPIKE ADDED UG/L	MSB CONCENTRATION UG/L	MSB % REC #	QC LIMITS REC.
1,1-Dichloroethene	25.0	29.1	117	65 - 142
Trichloroethene	25.0	26.5	106	71 - 120
Benzene	25.0	27.2	109	67 - 126
Toluene	25.0	27.2	109	69 - 120
Chlorobenzene	25.0	27.0	108	73 - 120

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike recovery: 0 out of 5 outside limits

Comments: _____

_____

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
WATER MATRIX SPIKE BLANK RECOVERY

Lab Name: STL Buffalo Contract: 4 Lab Samp ID: A5B2011202

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix Spike - Client Sample No.: VBLK37

COMPOUND	SPIKE ADDED UG/L	MSB CONCENTRATION UG/L	MSB % REC #	QC LIMITS REC.
1,1-Dichloroethene	25.0	25.9	104	65 - 142
Trichloroethene	25.0	25.3	102	71 - 120
Benzene	25.0	25.8	103	67 - 126
Toluene	25.0	25.5	102	69 - 120
Chlorobenzene	25.0	25.7	103	73 - 120

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike recovery: 0 out of 5 outside limits

Comments: _____

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
WATER MATRIX SPIKE BLANK RECOVERY

Lab Name: STL Buffalo Contract: 4 Lab Samp ID: A5B2013702

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix Spike - Client Sample No.: VBLK22

COMPOUND	SPIKE ADDED UG/L	MSB CONCENTRATION UG/L	MSB % REC #	QC LIMITS REC.
1,1-Dichloroethene	25.0	29.2	117	65 - 142
Trichloroethene	25.0	27.3	110	71 - 120
Benzene	25.0	27.2	109	67 - 126
Toluene	25.0	25.8	103	69 - 120
Chlorobenzene	25.0	25.0	100	73 - 120

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike recovery: 0 out of 5 outside limits

Comments: _____

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
WATER MATRIX SPIKE BLANK RECOVERY

Lab Name: STL Buffalo Contract: 4 Lab Samp ID: A5B2015902

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix Spike - Client Sample No.: VBLK23

COMPOUND	SPIKE ADDED UG/L	MSB CONCENTRATION UG/L	MSB % REC #	QC LIMITS REC.
1,1-Dichloroethene	25.0	29.4	118	65 - 142
Trichloroethene	25.0	28.6	115	71 - 120
Benzene	25.0	28.1	113	67 - 126
Toluene	25.0	26.7	107	69 - 120
Chlorobenzene	25.0	26.5	106	73 - 120

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike recovery: 0 out of 5 outside limits

Comments: _____

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: STL Buffalo Contract: 4 Lab Samp ID: A5E58701

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix Spike - Client Sample No.: MW-2

COMPOUND	SPIKE ADDED UG/L	SAMPLE CONCENTRATION UG/L	MS CONCENTRATION UG/L	MS % REC #	QC LIMITS REC.
1,1-Dichloroethene	25.0	0	31.4	126	65 - 142
Trichloroethene	25.0	1.54	30.4	116	71 - 120
Benzene	25.0	0	29.0	116	67 - 126
Toluene	25.0	0	27.6	110	69 - 120
Chlorobenzene	25.0	0	27.0	108	73 - 120

COMPOUND	SPIKE ADDED UG/L	MSD CONCENTRATION UG/L	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1-Dichloroethene	25.0	31.9	128	2	16	65 - 142
Trichloroethene	25.0	31.2	119	2	16	71 - 120
Benzene	25.0	29.9	120	3	13	67 - 126
Toluene	25.0	28.4	114	4	18	69 - 120
Chlorobenzene	25.0	27.4	110	2	19	73 - 120

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 5 outside limits
Spike recovery: 0 out of 10 outside limits

Comments: _____

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
METHOD BLANK SUMMARY

Client No.: VBLK21

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Lab File ID: S9655.RR Lab Sample ID: A5B2007602

Date Analyzed: 12/27/2005 Time Analyzed: 11:30

GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Instrument ID: HP5973S

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
1	MSB21	A5B2007601	S9656.RR	11:54
2	MW-100	A5E58705	S9673.RR	18:48
3	MW-2	A5E58701MS	S9668.RR	16:47
4	MW-2	A5E58701SD	S9669.RR	17:11
5	MW-8	A5E58704	S9672.RR	18:24
6	P-8	A5E58706	S9674.RR	19:12
7	TB-121505-01	A5E58703	S9671.RR	17:59
8	TB-121505-02	A5E58707	S9657.RR	12:20

Comments: _____

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
METHOD BLANK SUMMARY

Client No.: VBLK40

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Lab File ID: Q9547.RR Lab Sample ID: A5B2009802

Date Analyzed: 12/27/2005 Time Analyzed: 21:45

GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Instrument ID: HP5973Q

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
1	EB122105	A5E58717	Q9552.RR	00:08
2	MSB40	A5B2009801	Q9546.RR	21:17
3	MW-101	A5E58714	Q9549.RR	22:43
4	MW-20	A5E58719	Q9554.RR	01:05
5	MW-32	A5E58715	Q9550.RR	23:12
6	MW-33	A5E58718	Q9553.RR	00:37
7	MW-35	A5E58713	Q9548.RR	22:15
8	MW-36	A5E58716	Q9551.RR	23:40
9	MW-39	A5E58720	Q9555.RR	01:33

Comments: _____

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
METHOD BLANK SUMMARY

Client No.: VBLK37

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Lab File ID: G7618.RR Lab Sample ID: A5B2011202

Date Analyzed: 12/27/2005 Time Analyzed: 21:51

GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Instrument ID: HP5973G

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
1	EB122005	A5E58709	G7641.RR	06:43
2	MSB37	A5B2011201	G7617.RR	21:29
3	MW-2	A5E58701	G7639.RR	05:57
4	P-3	A5E58708	G7640.RR	06:20

Comments: _____

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
METHOD BLANK SUMMARY

Client No.: VBLK22

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Lab File ID: S9693.RR Lab Sample ID: A5B2013702

Date Analyzed: 12/28/2005 Time Analyzed: 09:44

GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Instrument ID: HP5973S

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
1	MSB22	A5B2013701	S9692.RR	09:19
2	MW-17	A5E58702	S9696.RR	10:56
3	MW-34	A5E58710	S9694.RR	10:08

Comments: _____

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
METHOD BLANK SUMMARY

Client No.: VBLK23

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Lab File ID: S9721.RR Lab Sample ID: A5B2015902

Date Analyzed: 12/28/2005 Time Analyzed: 20:59

GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Instrument ID: HP5973S

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
1	MSB23	A5B2015901	S9720.RR	20:35
2	MW-21	A5E58712	S9725.RR	22:42
3	MW-34 DL	A5E58710DL	S9724.RR	22:18

Comments: _____

ENVIRONMENTAL STRATEGIES CORPORATION
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: STL Buffalo Contract: 4 Tune ID: A5T0003577

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Lab File ID: G7402 BFB Injection Date: 12/20/2005

Instrument ID: HP5973G BFB Injection Time: 09:53

GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N): N

m/e	ION Abundance Criteria	% Relative Abundance		
50	15.0 - 40.0% of mass 95	19.3		
75	30.0 - 60.0% of mass 95	50.7		
95	Base peak, 100% relative abundance	100.0		
96	5.0 - 9.0% of mass 95	7.1		
173	Less than 2.0% of mass 174	0.6	(0.9)	1
174	50 - 120 % of mass 95	71.2		
175	5.0 - 9.0% of mass 174	5.1	(7.2)	1
176	95.0 - 101.0% of mass 174	68.3	(95.9)	1
177	5.0 - 9.0% of mass 176	4.6	(6.8)	2

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

This Tune Applies to the Following Samples, MS, MSD, Blanks, and Standards:

	Client Sample No.	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
1	VSTD050	A5I0002430-1	G7406.RR	12/20/2005	11:27
2	VSTD100	A5I0002430-1	G7407.RR	12/20/2005	11:50
3	VSTD025	A5I0002430-1	G7408.RR	12/20/2005	13:18
4	VSTD010	A5I0002430-1	G7409.RR	12/20/2005	13:40
5	VSTD001	A5I0002430-1	G7411.RR	12/20/2005	14:25

ENVIRONMENTAL STRATEGIES CORPORATION
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: STL Buffalo Contract: 4 Tune ID: A5T0003643

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Lab File ID: G7614 BFB Injection Date: 12/27/2005

Instrument ID: HP5973G BFB Injection Time: 20:20

GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N): N

m/e	ION Abundance Criteria	% Relative Abundance		
50	15.0 - 40.0% of mass 95	19.5		
75	30.0 - 60.0% of mass 95	51.8		
95	Base peak, 100% relative abundance	100.0		
96	5.0 - 9.0% of mass 95	6.8		
173	Less than 2.0% of mass 174	0.3	(0.4)	1
174	50 - 120 % of mass 95	71.2		
175	5.0 - 9.0% of mass 174	5.2	(7.3)	1
176	95.0 - 101.0% of mass 174	69.8	(98.1)	1
177	5.0 - 9.0% of mass 176	5.3	(7.6)	2

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

This Tune Applies to the Following Samples, MS, MSD, Blanks, and Standards:

	Client Sample No.	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
1	VSTD025	A5C0006622-1	G7615.RR	12/27/2005	20:41
2	MSB37	A5B2011201	G7617.RR	12/27/2005	21:29
3	VBLK37	A5B2011202	G7618.RR	12/27/2005	21:51
4	MW-2	A5E58701	G7639.RR	12/28/2005	05:57
5	P-3	A5E58708	G7640.RR	12/28/2005	06:20
6	EB122005	A5E58709	G7641.RR	12/28/2005	06:43

ENVIRONMENTAL STRATEGIES CORPORATION
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: STL Buffalo Contract: 4 Tune ID: A5T0003615

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Lab File ID: Q9457 BFB Injection Date: 12/23/2005

Instrument ID: HP5973Q BFB Injection Time: 08:06

GC Column: DB-624 ID: 0.20 (mm) Heated Purge: (Y/N): N

m/e	ION Abundance Criteria	% Relative Abundance		
50	15.0 - 40.0% of mass 95	17.5		
75	30.0 - 60.0% of mass 95	45.4		
95	Base peak, 100% relative abundance	100.0		
96	5.0 - 9.0% of mass 95	6.6		
173	Less than 2.0% of mass 174	0.0	(0.0)	1
174	50 - 120 % of mass 95	82.3		
175	5.0 - 9.0% of mass 174	5.8	(7.1)	1
176	95.0 - 101.0% of mass 174	79.2	(96.2)	1
177	5.0 - 9.0% of mass 176	5.4	(6.8)	2

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

This Tune Applies to the Following Samples, MS, MSD, Blanks, and Standards:

	Client Sample No.	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
1	VSTD025	A5I0002444-1	Q9458.RR	12/23/2005	09:01
2	VSTD100	A5I0002444-1	Q9459.RR	12/23/2005	09:29
3	VSTD050	A5I0002444-1	Q9460.RR	12/23/2005	09:57
4	VSTD010	A5I0002444-1	Q9461.RR	12/23/2005	10:26
5	VSTD001	A5I0002444-1	Q9463.RR	12/23/2005	11:46

ENVIRONMENTAL STRATEGIES CORPORATION
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: STL Buffalo Contract: 4 Tune ID: A5T0003648

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Lab File ID: Q9544 BFB Injection Date: 12/27/2005

Instrument ID: HP5973Q BFB Injection Time: 20:18

GC Column: DB-624 ID: 0.20 (mm) Heated Purge: (Y/N): N

m/e	ION Abundance Criteria	% Relative Abundance		
50	15.0 - 40.0% of mass 95	18.0		
75	30.0 - 60.0% of mass 95	45.4		
95	Base peak, 100% relative abundance	100.0		
96	5.0 - 9.0% of mass 95	7.0		
173	Less than 2.0% of mass 174	0.0	(0.0)	1
174	50 - 120 % of mass 95	82.9		
175	5.0 - 9.0% of mass 174	6.1	(7.3)	1
176	95.0 - 101.0% of mass 174	80.7	(97.3)	1
177	5.0 - 9.0% of mass 176	5.5	(6.8)	2

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

This Tune Applies to the Following Samples, MS, MSD, Blanks, and Standards:

	Client Sample No.	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
1	VSTD025	A5C0006629-1	Q9545.RR	12/27/2005	20:40
2	MSB40	A5B2009801	Q9546.RR	12/27/2005	21:17
3	VBLK40	A5B2009802	Q9547.RR	12/27/2005	21:45
4	MW-35	A5E58713	Q9548.RR	12/27/2005	22:15
5	MW-101	A5E58714	Q9549.RR	12/27/2005	22:43
6	MW-32	A5E58715	Q9550.RR	12/27/2005	23:12
7	MW-36	A5E58716	Q9551.RR	12/27/2005	23:40
8	EB122105	A5E58717	Q9552.RR	12/28/2005	00:08
9	MW-33	A5E58718	Q9553.RR	12/28/2005	00:37
10	MW-20	A5E58719	Q9554.RR	12/28/2005	01:05
11	MW-39	A5E58720	Q9555.RR	12/28/2005	01:33

ENVIRONMENTAL STRATEGIES CORPORATION
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: STL Buffalo Contract: 4 Tune ID: A5T0003605

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Lab File ID: S9597 BFB Injection Date: 12/22/2005

Instrument ID: HP5973S BFB Injection Time: 15:36

GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N): N

m/e	ION Abundance Criteria	% Relative Abundance		
50	15.0 - 40.0% of mass 95	22.9		
75	30.0 - 60.0% of mass 95	49.0		
95	Base peak, 100% relative abundance	100.0		
96	5.0 - 9.0% of mass 95	7.5		
173	Less than 2.0% of mass 174	0.0	(0.0)	1
174	50 - 120 % of mass 95	69.8		
175	5.0 - 9.0% of mass 174	4.7	(6.8)	1
176	95.0 - 101.0% of mass 174	67.6	(96.8)	1
177	5.0 - 9.0% of mass 176	4.7	(7.0)	2

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

This Tune Applies to the Following Samples, MS, MSD, Blanks, and Standards:

	Client Sample No.	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
1	VSTD100	A5I0002442-1	S9598.RR	12/22/2005	15:56
2	VSTD050	A5I0002442-1	S9599.RR	12/22/2005	16:20
3	VSTD025	A5I0002442-1	S9600.RR	12/22/2005	16:44
4	VSTD010	A5I0002442-1	S9601.RR	12/22/2005	17:09
5	VSTD001	A5I0002442-1	S9602.RR	12/22/2005	17:33

ENVIRONMENTAL STRATEGIES CORPORATION
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: STL Buffalo Contract: 4 Tune ID: A5T0003642

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Lab File ID: S9651 BFB Injection Date: 12/27/2005

Instrument ID: HP5973S BFB Injection Time: 09:49

GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N): N

m/e	ION Abundance Criteria	% Relative Abundance		
50	15.0 - 40.0% of mass 95	19.9		
75	30.0 - 60.0% of mass 95	45.0		
95	Base peak, 100% relative abundance	100.0		
96	5.0 - 9.0% of mass 95	8.8		
173	Less than 2.0% of mass 174	0.0	(0.0)	1
174	50 - 120 % of mass 95	60.3		
175	5.0 - 9.0% of mass 174	3.4	(5.6)	1
176	95.0 - 101.0% of mass 174	58.7	(97.3)	1
177	5.0 - 9.0% of mass 176	3.9	(6.6)	2

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

This Tune Applies to the Following Samples, MS, MSD, Blanks, and Standards:

	Client Sample No.	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
1	VSTD025	A5C0006621-1	S9652.RR	12/27/2005	10:13
2	VBLK21	A5B2007602	S9655.RR	12/27/2005	11:30
3	MSB21	A5B2007601	S9656.RR	12/27/2005	11:54
4	TB-121505-02	A5E58707	S9657.RR	12/27/2005	12:20
5	MW-2	A5E58701MS	S9668.RR	12/27/2005	16:47
6	MW-2	A5E58701SD	S9669.RR	12/27/2005	17:11
7	TB-121505-01	A5E58703	S9671.RR	12/27/2005	17:59
8	MW-8	A5E58704	S9672.RR	12/27/2005	18:24
9	MW-100	A5E58705	S9673.RR	12/27/2005	18:48
10	P-8	A5E58706	S9674.RR	12/27/2005	19:12

ENVIRONMENTAL STRATEGIES CORPORATION
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: STL Buffalo Contract: 4 Tune ID: A5T0003653

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Lab File ID: S9690 BFB Injection Date: 12/28/2005

Instrument ID: HP5973S BFB Injection Time: 08:31

GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N): N

m/e	ION Abundance Criteria	% Relative Abundance		
50	15.0 - 40.0% of mass 95	19.8		
75	30.0 - 60.0% of mass 95	42.0		
95	Base peak, 100% relative abundance	100.0		
96	5.0 - 9.0% of mass 95	6.2		
173	Less than 2.0% of mass 174	0.0	(0.0)	1
174	50 - 120 % of mass 95	66.7		
175	5.0 - 9.0% of mass 174	4.1	(6.1)	1
176	95.0 - 101.0% of mass 174	64.6	(96.9)	1
177	5.0 - 9.0% of mass 176	4.0	(6.2)	2

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

This Tune Applies to the Following Samples, MS, MSD, Blanks, and Standards:

	Client Sample No.	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
1	VSTD025	A5C0006632-1	S9691.RR	12/28/2005	08:52
2	MSB22	A5B2013701	S9692.RR	12/28/2005	09:19
3	VBLK22	A5B2013702	S9693.RR	12/28/2005	09:44
4	MW-34	A5E58710	S9694.RR	12/28/2005	10:08
5	MW-17	A5E58702	S9696.RR	12/28/2005	10:56

ENVIRONMENTAL STRATEGIES CORPORATION
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: STL Buffalo Contract: 4 Tune ID: A5T0003666

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Lab File ID: S9717 BFB Injection Date: 12/28/2005

Instrument ID: HP5973S BFB Injection Time: 19:31

GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N): N

m/e	ION Abundance Criteria	% Relative Abundance		
50	15.0 - 40.0% of mass 95	18.4		
75	30.0 - 60.0% of mass 95	42.0		
95	Base peak, 100% relative abundance	100.0		
96	5.0 - 9.0% of mass 95	7.7		
173	Less than 2.0% of mass 174	0.0	(0.0)	1
174	50 - 120 % of mass 95	63.5		
175	5.0 - 9.0% of mass 174	4.6	(7.2)	1
176	95.0 - 101.0% of mass 174	61.1	(96.2)	1
177	5.0 - 9.0% of mass 176	3.1	(5.0)	2

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

This Tune Applies to the Following Samples, MS, MSD, Blanks, and Standards:

	Client Sample No.	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
1	VSTD025	A5C0006643-1	S9718.RR	12/28/2005	19:47
2	MSB23	A5B2015901	S9720.RR	12/28/2005	20:35
3	VBLK23	A5B2015902	S9721.RR	12/28/2005	20:59
4	MW-34 DL	A5E58710DL	S9724.RR	12/28/2005	22:18
5	MW-21	A5E58712	S9725.RR	12/28/2005	22:42

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: STL Buffalo Contract: 4 Labsampid: A5C0006622

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Lab File ID (Standard): G7615.RR Date Analyzed: 12/27/2005

Instrument ID: HP5973G Time Analyzed: 20:41

GC Column(1): DB-624 ID: 0.250(mm) Heated Purge: (Y/N) N

		IS1 (CBZ) AREA	#	RT	#	IS2 (DCB) AREA	#	RT	#	IS3 (DFB) AREA	#	RT	#
	12 HOUR STD	177567		8.70		170788		11.05		349549		5.80	
	UPPER LIMIT	355134		9.20		341576		11.55		699098		6.30	
	LOWER LIMIT	88784		8.20		85394		10.55		174775		5.30	
	CLIENT SAMPLE	Lab Sample ID											
1	EB122005	A5E58709		170909		8.70		161752		11.05		338651	5.81
2	MSB37	A5B2011201		173200		8.70		164553		11.05		344655	5.81
3	MW-2	A5E58701		169364		8.70		159128		11.06		341239	5.80
4	P-3	A5E58708		171732		8.70		164785		11.05		348575	5.80
5	VBLK37	A5B2011202		175393		8.70		165543		11.05		349100	5.81

	AREA UNIT QC LIMITS	RT QC LIMITS
IS1 (CBZ) = Chlorobenzene-D5	(50-200)	-0.50 / +0.50 min
IS2 (DCB) = 1,4-Dichlorobenzene-D4	(50-200)	-0.50 / +0.50 min
IS3 (DFB) = 1,4-Difluorobenzene	(50-200)	-0.50 / +0.50 min

\# Column to be used to flag recovery values
* Values outside of contract required QC limits

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: STL Buffalo Contract: 4 Labsampid: A5C0006629

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Lab File ID (Standard): Q9545.RR Date Analyzed: 12/27/2005

Instrument ID: HP5973Q Time Analyzed: 20:40

GC Column(1): DB-624 ID: 0.250(mm) Heated Purge: (Y/N) N

			IS1 (CBZ) AREA	#	RT	#	IS2 (DCB) AREA	#	RT	#	IS3 (DFB) AREA	#	RT	#
	12 HOUR STD		252227		8.39		126055		10.53		288192		5.77	
	UPPER LIMIT		504454		8.89		252110		11.03		576384		6.27	
	LOWER LIMIT		126114		7.89		63028		10.03		144096		5.27	
	CLIENT SAMPLE	Lab Sample ID												
1	EB122105	A5E58717	245180		8.39		117155		10.53		277560		5.77	
2	MSB40	A5B2009801	249415		8.39		117928		10.53		285218		5.77	
3	MW-101	A5E58714	248417		8.39		119550		10.54		280187		5.77	
4	MW-20	A5E58719	244192		8.39		117109		10.53		275423		5.77	
5	MW-32	A5E58715	245891		8.39		118399		10.54		278806		5.77	
6	MW-33	A5E58718	242307		8.39		117830		10.54		275616		5.77	
7	MW-35	A5E58713	248704		8.39		115168		10.53		281438		5.77	
8	MW-36	A5E58716	243816		8.39		116670		10.53		278237		5.77	
9	MW-39	A5E58720	237875		8.39		114860		10.53		275219		5.77	
10	VBLK40	A5B2009802	250720		8.39		120285		10.53		284411		5.77	

	AREA UNIT QC LIMITS	RT QC LIMITS
IS1 (CBZ) = Chlorobenzene-D5	(50-200)	-0.50 / +0.50 min
IS2 (DCB) = 1,4-Dichlorobenzene-D4	(50-200)	-0.50 / +0.50 min
IS3 (DFB) = 1,4-Difluorobenzene	(50-200)	-0.50 / +0.50 min

\# Column to be used to flag recovery values
* Values outside of contract required QC limits

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: STL Buffalo Contract: 4 Labsampid: A5C0006621

Lab Code: RECNY Case No.: ____ SAS No.: ____ SDG No.: ____

Lab File ID (Standard): S9652.RR Date Analyzed: 12/27/2005

Instrument ID: HP5973S Time Analyzed: 10:13

GC Column(1): DB-624 ID: 0.180(mm) Heated Purge: (Y/N) N

			IS1 (CBZ) AREA	#	RT	#	IS2 (DCB) AREA	#	RT	#	IS3 (DFB) AREA	#	RT	#
	12 HOUR STD		600499		7.30		297459		9.16		441026		5.09	
	UPPER LIMIT		1200998		7.80		594918		9.66		882052		5.59	
	LOWER LIMIT		300250		6.80		148730		8.66		220513		4.59	
	CLIENT SAMPLE	Lab Sample ID												
1	MSB21	A5B2007601	567286		7.30		268030		9.16		425062		5.09	
2	MW-100	A5E58705	582848		7.30		279039		9.17		424238		5.09	
3	MW-2	A5E58701MS	573247		7.30		267484		9.16		424442		5.09	
4	MW-2	A5E58701SD	573304		7.30		265132		9.16		422149		5.09	
5	MW-8	A5E58704	545856		7.30		262800		9.17		390693		5.09	
6	P-8	A5E58706	559665		7.30		255277		9.16		410100		5.09	
7	TB-121505-01	A5E58703	540313		7.30		245616		9.17		389528		5.09	
8	TB-121505-02	A5E58707	564581		7.30		260644		9.16		411945		5.09	
9	VBLK21	A5B2007602	556539		7.30		258175		9.16		405816		5.09	

	AREA UNIT QC LIMITS	RT QC LIMITS
IS1 (CBZ) = Chlorobenzene-D5	(50-200)	-0.50 / +0.50 min
IS2 (DCB) = 1,4-Dichlorobenzene-D4	(50-200)	-0.50 / +0.50 min
IS3 (DFB) = 1,4-Difluorobenzene	(50-200)	-0.50 / +0.50 min

\# Column to be used to flag recovery values
* Values outside of contract required QC limits

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: STL Buffalo Contract: 4 Labsampid: A5C0006632

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Lab File ID (Standard): S9691.RR Date Analyzed: 12/28/2005

Instrument ID: HP5973S Time Analyzed: 08:52

GC Column(1): DB-624 ID: 0.180(mm) Heated Purge: (Y/N) N

			IS1 (CBZ) AREA	#	RT	#	IS2 (DCB) AREA	#	RT	#	IS3 (DFB) AREA	#	RT	#
	12 HOUR STD		557609		7.30		290663		9.16		392221		5.09	
	UPPER LIMIT		1115218		7.80		581326		9.66		784442		5.59	
	LOWER LIMIT		278805		6.80		145332		8.66		196111		4.59	
	CLIENT SAMPLE	Lab Sample ID												
1	MSB22	A5B2013701	545359		7.30		253524		9.16		396361		5.09	
2	MW-17	A5E58702	530612		7.30		242129		9.17		374495		5.09	
3	MW-34	A5E58710	541725		7.30		253813		9.17		379329		5.09	
4	VBLK22	A5B2013702	535567		7.30		244360		9.17		375838		5.09	

	AREA UNIT QC LIMITS	RT QC LIMITS
IS1 (CBZ) = Chlorobenzene-D5	(50-200)	-0.50 / +0.50 min
IS2 (DCB) = 1,4-Dichlorobenzene-D4	(50-200)	-0.50 / +0.50 min
IS3 (DFB) = 1,4-Difluorobenzene	(50-200)	-0.50 / +0.50 min

\# Column to be used to flag recovery values
* Values outside of contract required QC limits

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: STL Buffalo Contract: 4 Labsampid: A5C0006643

Lab Code: RECNY Case No.: ____ SAS No.: _____ SDG No.: _____

Lab File ID (Standard): S9718.RR Date Analyzed: 12/28/2005

Instrument ID: HP5973S Time Analyzed: 19:47

GC Column(1): DB-624 ID: 0.180(mm) Heated Purge: (Y/N) N

			IS1 (CBZ) AREA	#	RT	#	IS2 (DCB) AREA	#	RT	#	IS3 (DFB) AREA	#	RT	#
	12 HOUR STD		557852		7.30		295373		9.16		387682		5.09	
	UPPER LIMIT		1115704		7.80		590746		9.66		775364		5.59	
	LOWER LIMIT		278926		6.80		147687		8.66		193841		4.59	
	CLIENT SAMPLE	Lab Sample ID												
1	MSB23	A5B2015901	576889		7.30		298932		9.17		410703		5.09	
2	MW-21	A5E58712	522948		7.30		246274		9.17		357903		5.09	
3	MW-34 DL	A5E58710DL	526940		7.30		248196		9.17		368158		5.09	
4	VBLK23	A5B2015902	544736		7.30		253992		9.17		382802		5.09	

	AREA UNIT QC LIMITS	RT QC LIMITS
IS1 (CBZ) = Chlorobenzene-D5	(50-200)	-0.50 / +0.50 min
IS2 (DCB) = 1,4-Dichlorobenzene-D4	(50-200)	-0.50 / +0.50 min
IS3 (DFB) = 1,4-Difluorobenzene	(50-200)	-0.50 / +0.50 min

\# Column to be used to flag recovery values
* Values outside of contract required QC limits

Sample Data

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.

EB122005

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A5E58709

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G7641.RR

Level: (low/med) LOW Date Samp/Recv: 12/21/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/28/2005

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	3.8	J
71-43-2	Benzene	1.0	U
75-27-4	Bromodichloromethane	0.43	J
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon Disulfide	1.0	U
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	1.0	U
67-66-3	Chloroform	0.60	J
74-87-3	Chloromethane	1.0	U
110-82-7	Cyclohexane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-59-2	cis-1,2-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
98-82-8	Isopropylbenzene	1.0	U
79-20-9	Methyl acetate	1.0	U
108-87-2	Methylcyclohexane	1.0	U
75-09-2	Methylene chloride	1.0	U

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.

EB122005

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A5E58709

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G7641.RR

Level: (low/med) LOW Date Samp/Recv: 12/21/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/28/2005

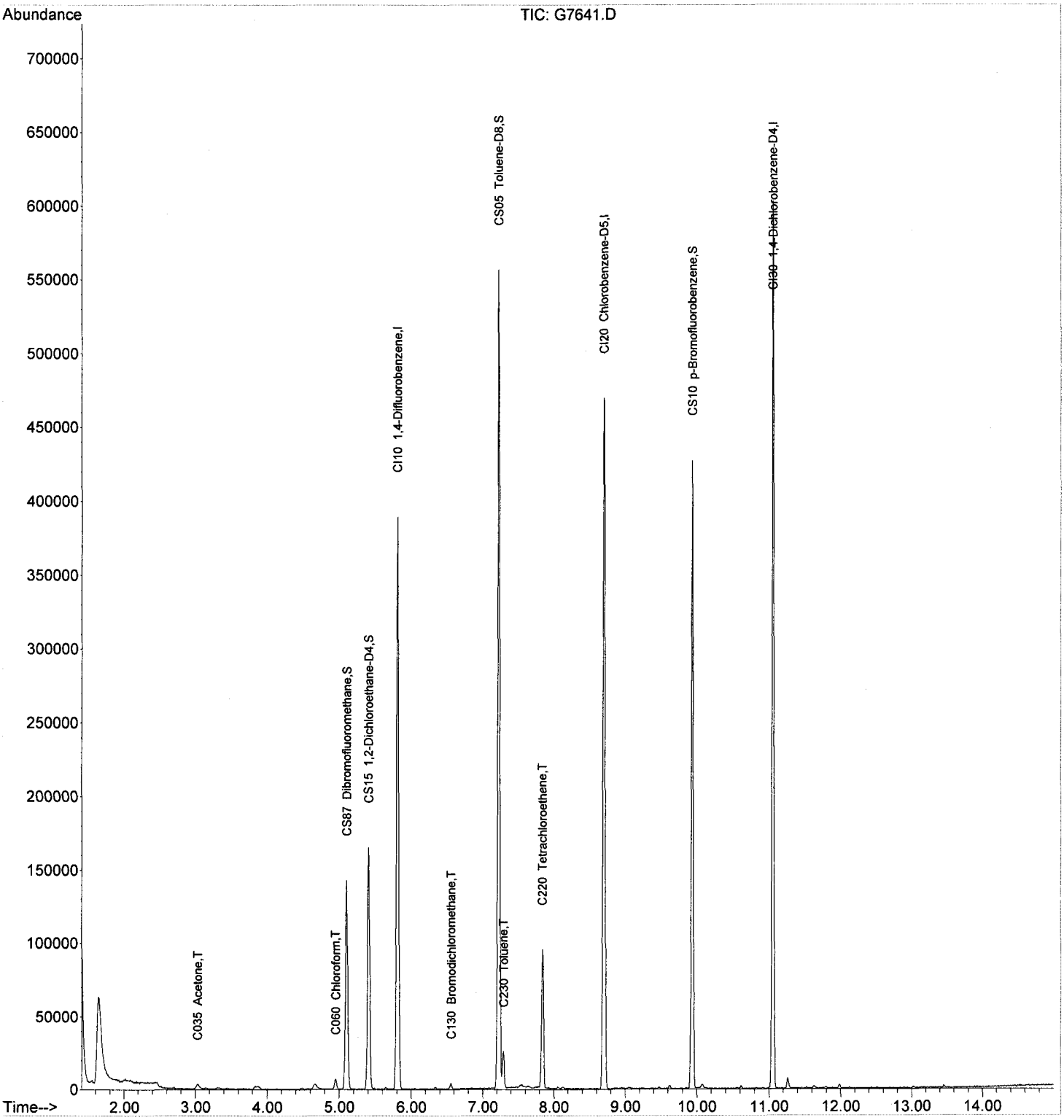
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	5.0	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	1.0	U
91-20-3	Naphthalene	1.0	U
100-42-5	Styrene	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	5.1	
108-88-3	Toluene	0.78	J
120-82-1	1,2,4-Trichlorobenzene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
79-01-6	Trichloroethene	1.0	U
75-01-4	Vinyl chloride	1.0	U
1330-20-7	Total Xylenes	3.0	U

Data File: C:\MSDCHEM\1\DATA\122705\G7641.D
Acq On : 28 Dec 2005 6:43
Sample : A5E58709
Misc :
Integrator: RTE
Quant Time: Dec 28 08:03:40 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 27 21:28:27 2005
Response via : Initial Calibration
Data Path : C:\MSDCHEM\1\DATA\122705\
Operator : TLC



Data File: C:\MSDCHEM\1\DATA\122705\G7641.D
Acq On : 28 Dec 2005 6:43
Sample : A5E58709
Misc :
Integrator: RTE
Quant Time: Dec 28 08:03:40 2005

STL 12/28/05

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 27 21:28:27 2005
Response via : Initial Calibration
Data Path : C:\MSDCHEM\1\DATA\122705\
Operator : TLC

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.81	114	338651	125.00	ng	0.00 96.88%
43) CI20	Chlorobenzene-D5	8.70	82	170909	125.00	ng	0.00 96.25%
63) CI30	1,4-Dichlorobenzene-	11.05	152	161752	125.00	ng	0.00 94.71%
System Monitoring Compounds							
26) CS87	Dibromofluoromethane	5.10	111	95787	113.00	NG	0.00
Spiked Amount	125.000	Range	70 - 130	Recovery	=	90.40%	
31) CS15	1,2-Dichloroethane-D	5.41	65	125960	115.54	ng	0.00
Spiked Amount	125.000	Range	73 - 136	Recovery	=	92.43%	
44) CS05	Toluene-D8	7.22	98	402983	116.93	ng	0.00
Spiked Amount	125.000	Range	77 - 122	Recovery	=	93.54%	
62) CS10	p-Bromofluorobenzene	9.94	174	123277	116.42	ng	0.00
Spiked Amount	125.000	Range	74 - 120	Recovery	=	93.14%	
Target Compounds							Qvalue
2) C290	Dichlorodifluorome	0.00	85	0	N.D.		
3) C010	Chloromethane	1.62	50	1084	N.D.		
4) C020	Vinyl chloride	0.00	62	0	N.D.		
5) C015	Bromomethane	0.00	94	0	N.D.		
6) C025	Chloroethane	0.00	64	0	N.D.		
7) C275	Trichlorofluoromet	0.00	101	0	N.D.		
8) C045	1,1-Dichloroethene	0.00	96	0	N.D.		
9) C030	Methylene chloride	3.43	84	59	N.D.		
10) C040	Carbon disulfide	3.14	76	1265	N.D.		
11) C036	Acrolein	0.00	56	0	N.D.		
12) C038	Acrylonitrile	0.00	53	0	N.D.		
13) C035	Acetone	3.03	43	7041	19.13	ng	88
14) C300	Acetonitrile	3.32	41	1789	N.D.		
15) C276	Iodomethane	0.00	142	0	N.D.		
16) C291	1,1,2-Trichloro-1,	0.00	101	0	N.D.		
17) C962	T-butyl Methyl Eth	0.00	73	0	N.D.		
18) C057	trans-1,2-Dichloro	0.00	96	0	N.D.		
19) C255	Methyl Acetate	0.00	43	0	N.D.		
20) C050	1,1-Dichloroethane	0.00	63	0	N.D.		
21) C125	Vinyl Acetate	0.00	43	0	N.D.		
22) C051	2,2-Dichloropropan	4.66	77	55	N.D.		
23) C056	cis-1,2-Dichloroet	0.00	96	0	N.D.		
24) C272	Tetrahydrofuran	0.00	42	0	N.D.		
25) C222	Bromochloromethane	0.00	128	0	N.D.		
27) C060	Chloroform	4.95	83	6162	3.00	ng	88
28) C115	1,1,1-Trichloroeth	0.00	97	0	N.D.		
29) C120	Carbon tetrachlori	0.00	117	0	N.D.		
30) C116	1,1-Dichloropropen	0.00	75	0	N.D.		
32) C165	Benzene	5.45	78	321	N.D.		
33) C065	1,2-Dichloroethane	0.00	62	0	N.D.		
34) C110	2-Butanone	4.67	43	2202	N.D.		
35) C256	Cyclohexane	0.00	56	0	N.D.		
36) C150	Trichloroethene	6.05	95	153	N.D.		

1/12/2006

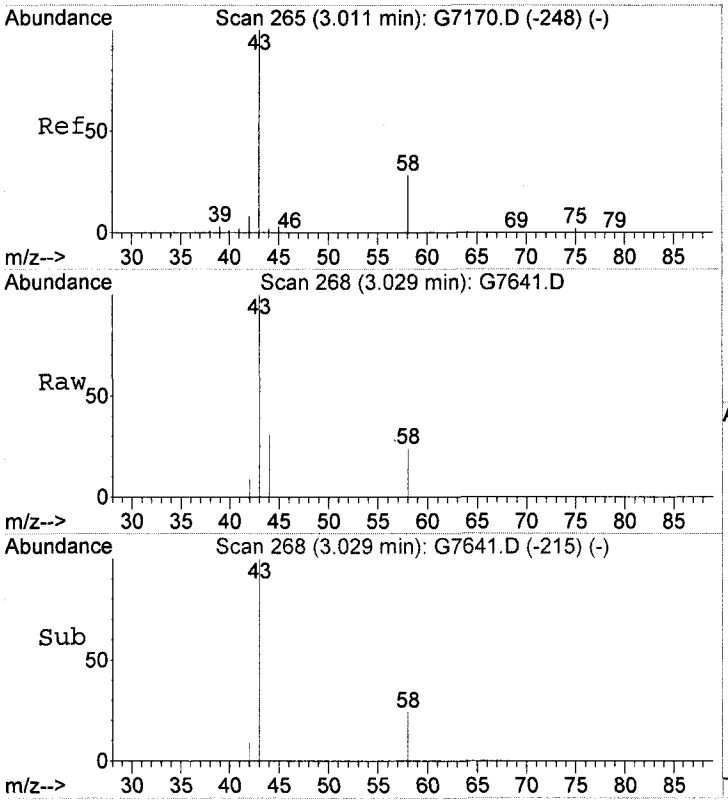
Data File: C:\MSDCHEM\1\DATA\122705\G7641.D
Acq On : 28 Dec 2005 6:43
Sample : A5E58709
Misc :
Integrator: RTE
Quant Time: Dec 28 08:03:40 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 27 21:28:27 2005
Response via : Initial Calibration
Data Path : C:\MSDCHEM\1\DATA\122705\
Operator : TLC

Internal Standards		R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
37) C140	1,2-Dichloropropan	0.00	63	0	N.D.	
38) C278	Dibromomethane	0.00	93	0	N.D.	
39) C130	Bromodichloromethane	6.55	83	3049	2.14 ng	96
40) C161	2-Chloroethylvinyl	6.85	63	215	N.D.	
41) C012	Methylcyclohexane	0.00	83	0	N.D.	
42) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.	
45) C230	Toluene	7.29	92	11738	3.88 ng	90
46) C170	trans-1,3-Dichloro	0.00	75	0	N.D.	
47) C284	Ethyl Methacrylate	0.00	69	0	N.D.	
48) C160	1,1,2-Trichloroeth	7.83	83	440	N.D.	
49) C210	4-Methyl-2-pentano	7.22	43	1858	N.D.	
50) C220	Tetrachloroethene	7.84	166	32656	25.44 ng	88
51) C221	1,3-Dichloropropan	0.00	76	0	N.D.	
52) C155	Dibromochlorometha	8.13	129	839	N.D.	
53) C163	1,2-Dibromoethane	0.00	107	0	N.D.	
54) C215	2-Hexanone	8.05	43	193	N.D.	
55) C235	Chlorobenzene	0.00	112	0	N.D.	
56) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.	
57) C240	Ethylbenzene	8.95	91	797	N.D.	
58) C246	m,p-Xylene	8.96	106	183	N.D.	
59) C247	o-Xylene	0.00	106	0	N.D.	
60) C245	Styrene	0.00	104	0	N.D.	
61) C180	Bromoform	0.00	173	0	N.D.	
64) C966	Isopropylbenzene	0.00	105	0	N.D.	
65) C301	Bromobenzene	0.00	156	0	N.D.	
66) C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.	
67) C282	1,2,3-Trichloropro	0.00	110	0	N.D.	
68) C283	t-1,4-Dichloro-2-B	0.00	51	0	N.D.	
69) C302	n-Propylbenzene	9.94	91	427	N.D.	
70) C303	2-Chlorotoluene	0.00	126	0	N.D.	
71) C289	4-Chlorotoluene	0.00	126	0	N.D.	
72) C304	1,3,5-Trimethylben	0.00	105	0	N.D.	
73) C306	tert-Butylbenzene	0.00	134	0	N.D.	
74) C307	1,2,4-Trimethylben	10.71	105	72	N.D.	
75) C308	sec-Butylbenzene	10.71	105	72	N.D.	
76) C260	1,3-Dichlorobenzen	0.00	146	0	N.D.	
77) C309	4-Isopropyltoluene	11.00	119	322	N.D.	
78) C267	1,4-Dichlorobenzen	0.00	146	0	N.D.	
79) C249	1,2-Dichlorobenzen	0.00	146	0	N.D.	
80) C310	n-Butylbenzene	0.00	91	0	N.D.	
81) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.	
82) C313	1,2,4-Trichloroben	0.00	180	0	N.D.	
83) C316	Hexachlorobutadien	0.00	225	0	N.D.	
84) C314	Naphthalene	13.02	128	1127	N.D.	
85) C934	1,2,3-Trichloroben	0.00	180	0	N.D.	

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

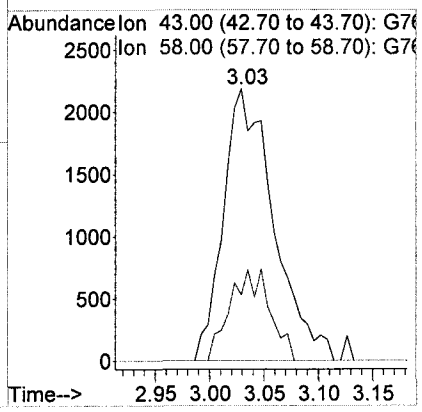
MT 1/12/2006

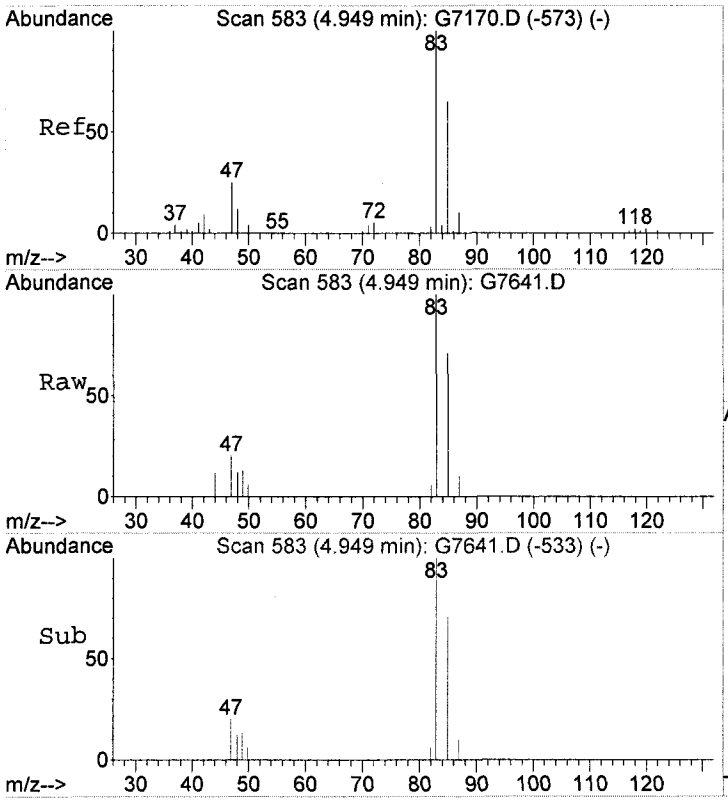


#13
C035 Acetone
Concen: 19.13 ng
RT: 3.03 min Scan# 268
Delta R.T. 0.02 min
Lab File: G7641.D
Acq: 28 Dec 2005 6:43

Tgt Ion: 43 Resp: 7041

Ion	Ratio	Lower	Upper
43	100		
58	24.3	0.9	60.9

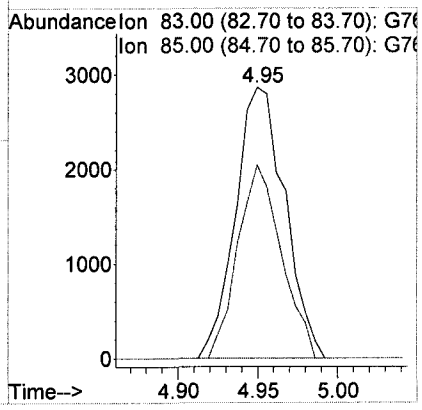


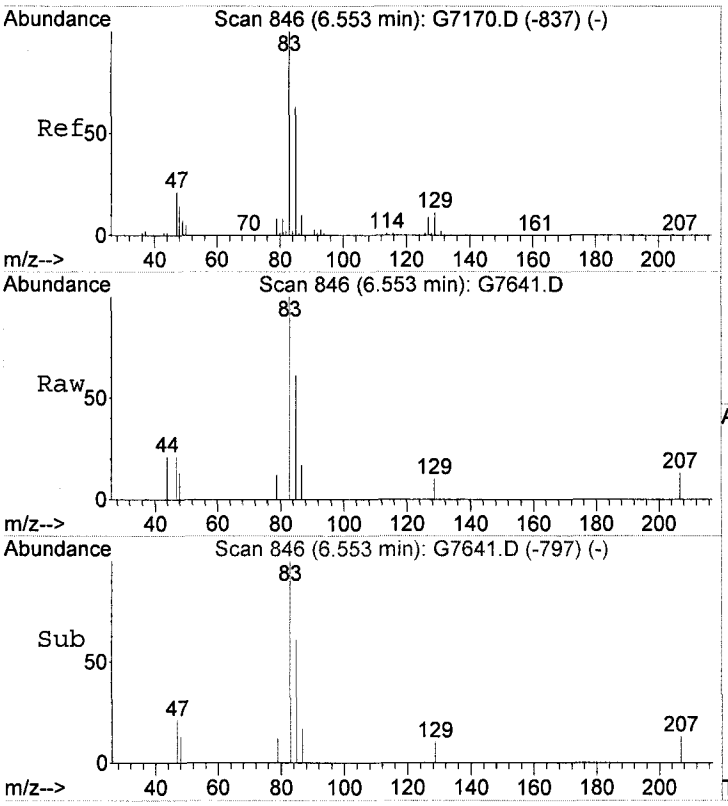


#27
C060 Chloroform
Concen: 3.00 ng
RT: 4.95 min Scan# 583
Delta R.T. 0.01 min
Lab File: G7641.D
Acq: 28 Dec 2005 6:43

Tgt Ion: 83 Resp: 6162

Ion	Ratio	Lower	Upper
83	100		
85	71.3	32.3	92.3

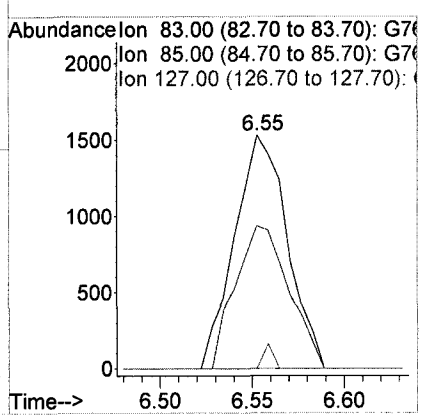


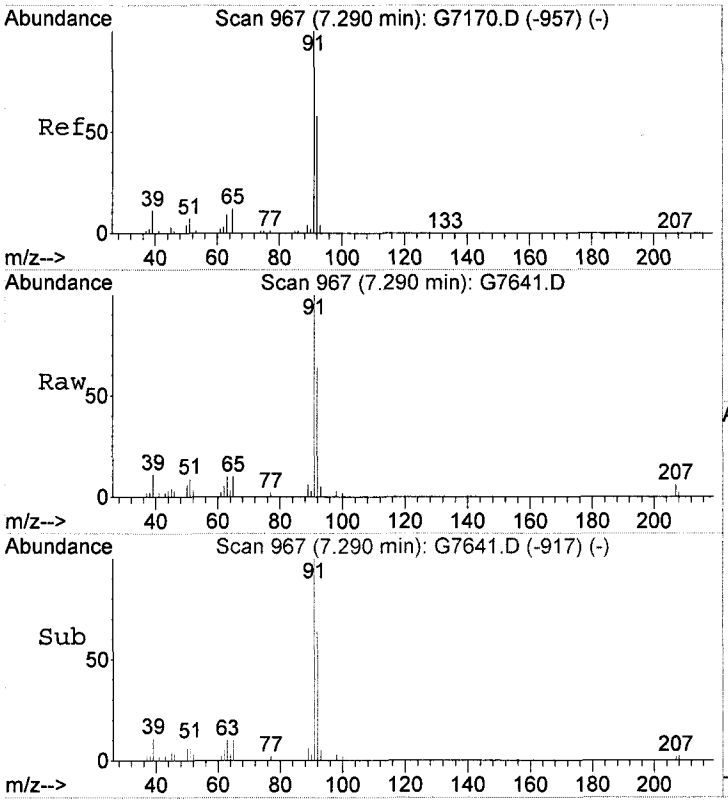


#39
C130 Bromodichloromethane
Concen: 2.14 ng
RT: 6.55 min Scan# 846
Delta R.T. -0.00 min
Lab File: G7641.D
Acq: 28 Dec 2005 6:43

Tgt Ion: 83 Resp: 3049

Ion	Ratio	Lower	Upper
83	100		
85	61.1	29.9	89.9
127	0.0	0.0	37.5

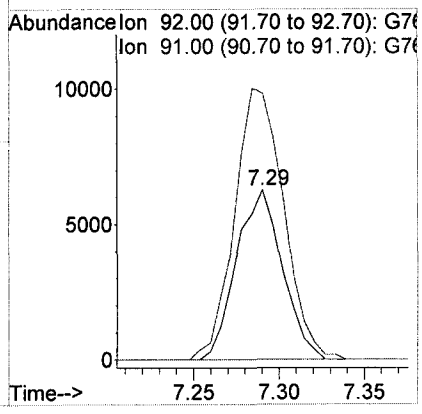


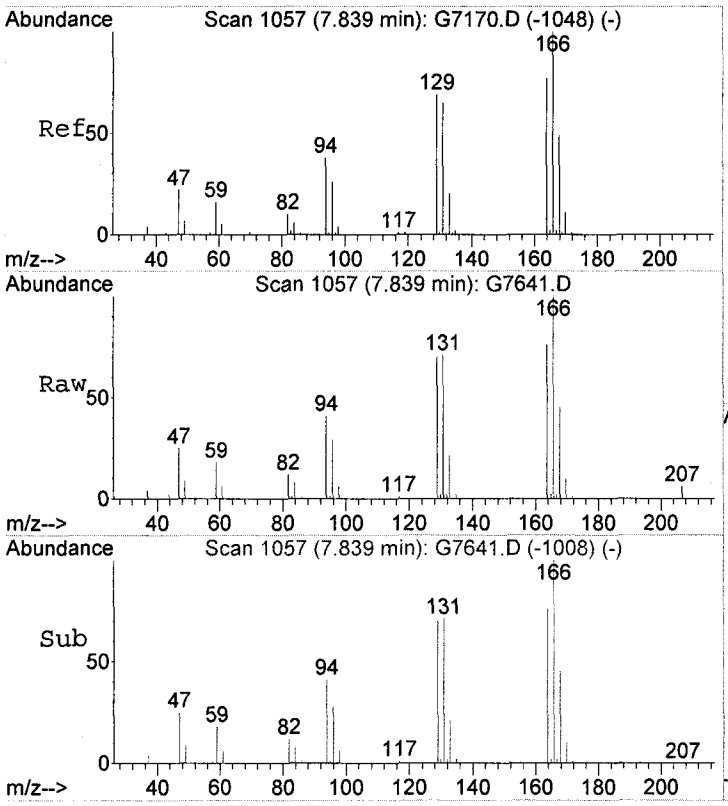


#45
C230 Toluene
Concen: 3.88 ng
RT: 7.29 min Scan# 967
Delta R.T. 0.01 min
Lab File: G7641.D
Acq: 28 Dec 2005 6:43

Tgt Ion: 92 Resp: 11738

Ion	Ratio	Lower	Upper
92	100		
91	157.0	141.4	201.4

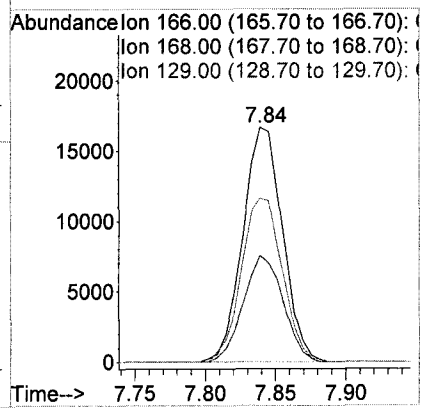




#50
C220 Tetrachloroethene
Concen: 25.44 ng
RT: 7.84 min Scan# 1057
Delta R.T. -0.00 min
Lab File: G7641.D
Acq: 28 Dec 2005 6:43

Tgt Ion:166 Resp: 32656

Ion	Ratio	Lower	Upper
166	100		
168	44.2	18.3	78.3
129	67.9	51.8	111.8



METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.

EB122105

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A5E58717

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q9552.RR

Level: (low/med) LOW Date Samp/Recv: 12/21/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/28/2005

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	5.0	U
71-43-2	Benzene	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon Disulfide	1.0	U
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	1.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	1.0	U
110-82-7	Cyclohexane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-59-2	cis-1,2-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
98-82-8	Isopropylbenzene	1.0	U
79-20-9	Methyl acetate	1.0	U
108-87-2	Methylcyclohexane	1.0	U
75-09-2	Methylene chloride	1.0	U

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.

EB122105

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A5E58717

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q9552.RR

Level: (low/med) LOW Date Samp/Recv: 12/21/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/28/2005

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

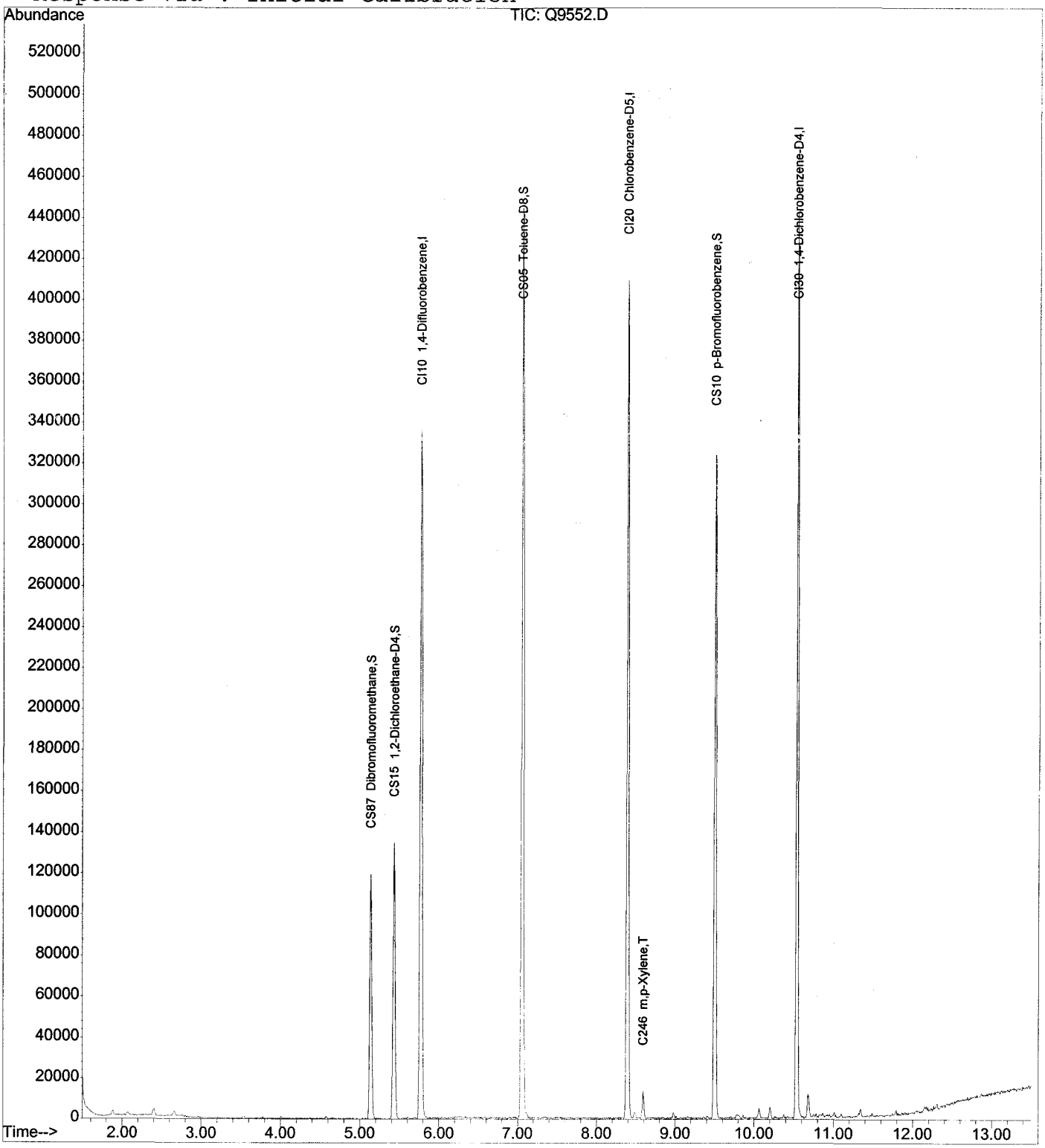
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	5.0	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	1.0	U
91-20-3	Naphthalene	1.0	U
100-42-5	Styrene	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
79-01-6	Trichloroethene	1.0	U
75-01-4	Vinyl chloride	1.0	U
1330-20-7	Total Xylenes	3.0	U

Quantitation Report

Data File : C:\HPCHEM\1\DATA\122705\Q9552.D Vial: 35
Acq On : 28 Dec 2005 00:08 Operator: TLC
Sample : A5E58717 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 28 8:44 2005 Quant Results File: A5I02444.RES

Method : C:\HPCHEM\1\METHODS\Q8260\A5I02444.M (RTE Integrator)
Title : 8260 5ML
Last Update : Wed Dec 28 08:38:57 2005
Response via : Initial Calibration



Quantitation Report STL Buffalo

Data File : C:\HPCHEM\1\DATA\122705\Q9552.D Vial: 35
Acq On : 28 Dec 2005 00:08 Operator: TLC
Sample : A5E58717 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 28 8:44 2005 Quant Results File: A5I02444.RES

Quant Method : C:\HPCHEM\1...\A5I02444.M (RTE Integrator)
Title : 8260 5ML
Last Update : Wed Dec 28 08:38:57 2005
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : C:\HPCHEM\1\DATA\122705\Q9545.D (27 Dec 2005 20:40)

Internal Standards		R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.77	114	277560	125.00 ng	0.00 96.31%
43) CI20	Chlorobenzene-D5	8.39	117	245180	125.00 ng	0.00 97.21%
62) CI30	1,4-Dichlorobenzene-	10.53	152	117155	125.00 ng	0.00 92.94%
System Monitoring Compounds						
30) CS87	Dibromofluoromethane	5.14	111	73836	122.25 ng	0.00
Spiked Amount	125.000	Range	70 - 130	Recovery =	97.80%	
31) CS15	1,2-Dichloroethane-D	5.43	65	85299	121.47 ng	0.00
Spiked Amount	125.000	Range	72 - 143	Recovery =	97.18%	
44) CS05	Toluene-D8	7.05	98	300114	123.91 ng	0.00
Spiked Amount	125.000	Range	76 - 116	Recovery =	99.13%	
61) CS10	p-Bromofluorobenzene	9.51	174	99779	127.85 ng	0.00
Spiked Amount	125.000	Range	73 - 117	Recovery =	102.28%	

Target Compounds					Qvalue
2) C290	Dichlorodifluorometh	0.00	85	0	N.D.
3) C010	Chloromethane	0.00	50	0	N.D.
4) C020	Vinyl chloride	0.00	62	0	N.D.
5) C015	Bromomethane	0.00	94	0	N.D.
6) C025	Chloroethane	0.00	64	0	N.D.
7) C275	Trichlorofluorometha	0.00	101	0	N.D.
8) C045	1,1-Dichloroethene	0.00	96	0	N.D.
9) C030	Methylene chloride	0.00	84	0	N.D.
10) C040	Carbon disulfide	0.00	76	0	N.D.
11) C036	Acrolein	0.00	56	0	N.D.
12) C038	Acrylonitrile	0.00	53	0	N.D.
13) C035	Acetone	3.21	43	134	N.D.
14) C300	Acetonitrile	0.00	41	0	N.D.
15) C276	Iodomethane	0.00	142	0	N.D.
16) C291	1,1,2 Trichloro-1,2,	0.00	101	0	N.D.
17) C962	T-butyl Methyl Ether	0.00	73	0	N.D.
18) C057	trans-1,2-Dichloroet	0.00	96	0	N.D.
19) C255	Methyl Acetate	3.53	43	1236	N.D.
20) C050	1,1-Dichloroethane	0.00	63	0	N.D.
21) C125	Vinyl Acetate	0.00	43	0	N.D.
22) C051	2,2-Dichloropropane	0.00	77	0	N.D.

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

Quantitation Report STL Buffalo

Data File : C:\HPCHEM\1\DATA\122705\Q9552.D Vial: 35
Acq On : 28 Dec 2005 00:08 Operator: TLC
Sample : A5E58717 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 28 8:44 2005 Quant Results File: A5I02444.RES

Quant Method : C:\HPCHEM\1...\A5I02444.M (RTE Integrator)
Title : 8260 5ML
Last Update : Wed Dec 28 08:38:57 2005
Response via : Initial Calibration
DataAcq Meth : VOA

	Compound		R.T.	QIon	Response	Conc Unit	Qvalue
23)	C056	cis-1,2-Dichloroethe	0.00	96	0	N.D.	
24)	C272	Tetrahydrofuran	0.00	42	0	N.D.	
25)	C222	Bromochloromethane	0.00	128	0	N.D.	
26)	C060	Chloroform	0.00	83	0	N.D.	
27)	C115	1,1,1-Trichloroethan	0.00	97	0	N.D.	
28)	C120	Carbon tetrachloride	0.00	117	0	N.D.	
29)	C116	1,1-Dichloropropene	0.00	75	0	N.D.	
32)	C165	Benzene	5.45	78	129	N.D.	
33)	C065	1,2-Dichloroethane	0.00	62	0	N.D.	
34)	C110	2-Butanone	0.00	43	0	N.D.	
35)	C256	Cyclohexane	5.15	56	130	N.D.	
36)	C150	Trichloroethene	0.00	95	0	N.D.	
37)	C140	1,2-Dichloropropane	0.00	63	0	N.D.	
38)	C278	Dibromomethane	0.00	93	0	N.D.	
39)	C130	Bromodichloromethane	0.00	83	0	N.D.	
40)	C161	2-Chloroethylvinyl E	0.00	63	0	N.D.	
41)	C012	Methylcycolhexane	0.00	83	0	N.D.	
42)	C145	cis-1,3-Dichloroprop	0.00	75	0	N.D.	
45)	C230	Toluene	7.11	92	746	N.D.	
46)	C170	trans-1,3-Dichloropr	0.00	75	0	N.D.	
47)	C284	Ethyl Methacrylate	0.00	69	0	N.D.	
48)	C160	1,1,2-Trichloroethan	0.00	83	0	N.D.	
49)	C210	4-Methyl-2-pentanone	7.05	43	1083	N.D.	
50)	C220	Tetrachloroethene	0.00	166	0	N.D.	
51)	C221	1,3-Dichloropropane	0.00	76	0	N.D.	
52)	C155	Dibromochloromethane	0.00	129	0	N.D.	
53)	C163	1,2-Dibromoethane	0.00	107	0	N.D.	
54)	C215	2-Hexanone	0.00	43	0	N.D.	
55)	C235	Chlorobenzene	0.00	112	0	N.D.	
56)	C281	1,1,1,2-Tetrachloroe	0.00	131	0	N.D.	
57)	C240	Ethylbenzene	8.49	91	3022	N.D.	
58)	C246	m,p-Xylene	8.59	106	4406	3.52 ng	94
59)	C247	o-Xylene	8.98	106	1100	N.D.	
60)	C245	Styrene	0.00	104	0	N.D.	
63)	C180	Bromoform	0.00	173	0	N.D.	
64)	C966	Isopropylbenzene	0.00	105	0	N.D.	
65)	C301	Bromobenzene	0.00	156	0	N.D.	
66)	C225	1,1,2,2-Tetrachloroe	0.00	83	0	N.D.	
67)	C282	1,2,3-Trichloropropa	0.00	110	0	N.D.	
68)	C283	t-1,4-Dichloro-2-But	0.00	51	0	N.D.	
69)	C302	n-Propylbenzene	9.71	91	588	N.D.	

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

11/2/2006

Quantitation Report STL Buffalo

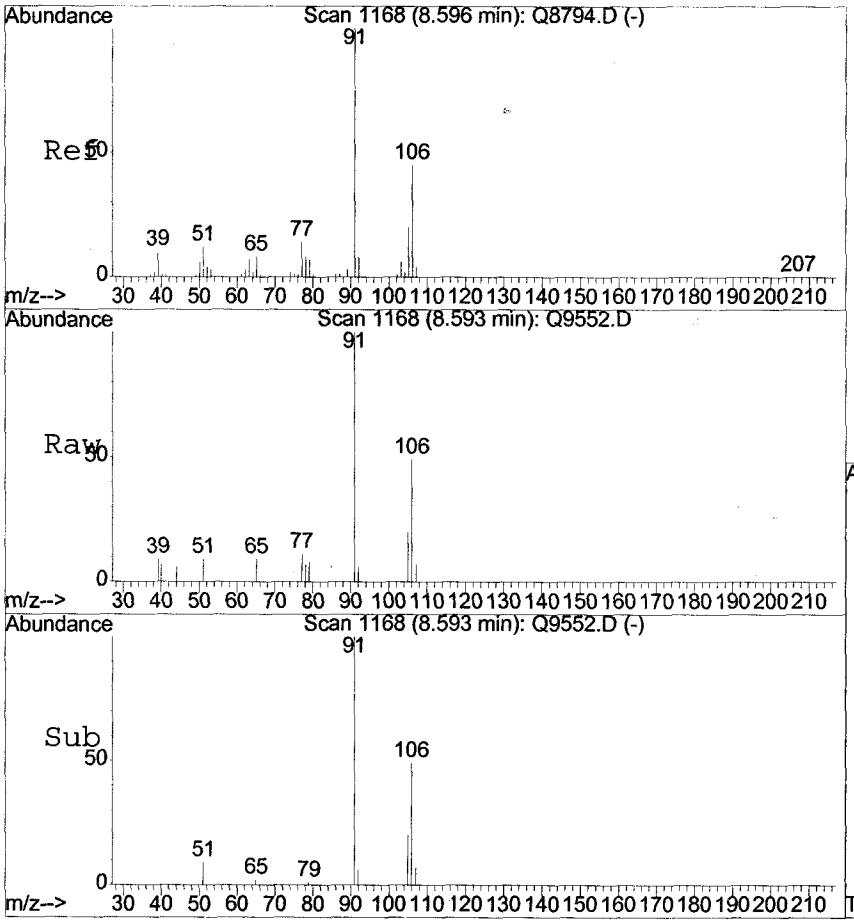
Data File : C:\HPCHEM\1\DATA\122705\Q9552.D Vial: 35
Acq On : 28 Dec 2005 00:08 Operator: TLC
Sample : A5E58717 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 28 8:44 2005 Quant Results File: A5I02444.RES

Quant Method : C:\HPCHEM\1...\A5I02444.M (RTE Integrator)
Title : 8260 5ML
Last Update : Wed Dec 28 08:38:57 2005
Response via : Initial Calibration
DataAcq Meth : VOA

	Compound		R.T.	QIon	Response	Conc Unit	Qvalue
70)	C303	2-Chlorotoluene	0.00	126	0	N.D.	
71)	C289	4-Chlorotoluene	0.00	126	0	N.D.	
72)	C304	1,3,5-Trimethylbenze	9.86	105	835	N.D.	
73)	C306	tert-Butylbenzene	0.00	134	0	N.D.	
74)	C307	1,2,4-Trimethylbenze	10.20	105	4183	N.D.	
75)	C308	sec-Butylbenzene	10.20	105	4183	N.D.	
76)	C260	1,3-Dichlorobenzene	0.00	146	0	N.D.	
77)	C309	4-Isopropyltoluene	0.00	119	0	N.D.	
78)	C267	1,4-Dichlorobenzene	0.00	146	0	N.D.	
79)	C249	1,2-Dichlorobenzene	0.00	146	0	N.D.	
80)	C310	n-Butylbenzene	10.80	91	138	N.D.	
81)	C286	1,2-Dibromo-3-Chloro	0.00	75	0	N.D.	
82)	C313	1,2,4-Trichlorobenze	0.00	180	0	N.D.	
83)	C316	Hexachlorobutadiene	0.00	225	0	N.D.	
84)	C314	Naphthalene	12.30	128	2157	N.D.	
85)	C934	1,2,3-Trichlorobenze	0.00	180	0	N.D.	

mr 1/12/2006

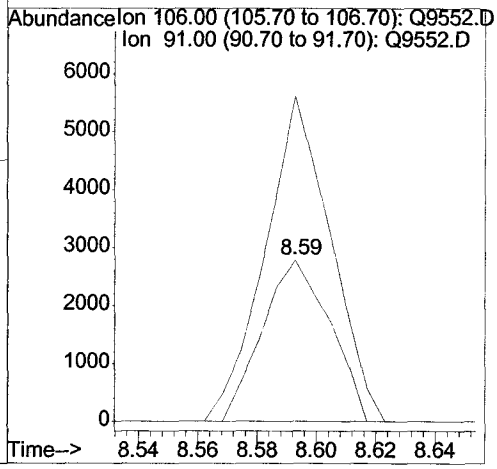
(#) = qualifier out of range (m) = manual integration



#58
C246 m,p-Xylene
Concen: 3.52 ng
RT: 8.59 min Scan# 1168
Delta R.T. -0.00 min
Lab File: Q9552.D
Acq: 28 Dec 2005 00:08

Tgt Ion:106 Resp: 4406

Ion	Ratio	Lower	Upper
106	100		
91	202.1	191.5	231.5



METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.: MW-100

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A5E58705

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: S9673.RR

Level: (low/med) LOW Date Samp/Recv: 12/20/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/27/2005

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	5.0	U
71-43-2	Benzene	1.6	
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon Disulfide	1.0	U
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	1.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	1.0	U
110-82-7	Cyclohexane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-59-2	cis-1,2-Dichloroethene	0.78	J
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
98-82-8	Isopropylbenzene	1.0	U
79-20-9	Methyl acetate	1.0	U
108-87-2	Methylcyclohexane	1.0	U
75-09-2	Methylene chloride	1.0	U

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.

MW-100

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A5E58705

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: S9673.RR

Level: (low/med) LOW Date Samp/Recv: 12/20/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/27/2005

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 1.00

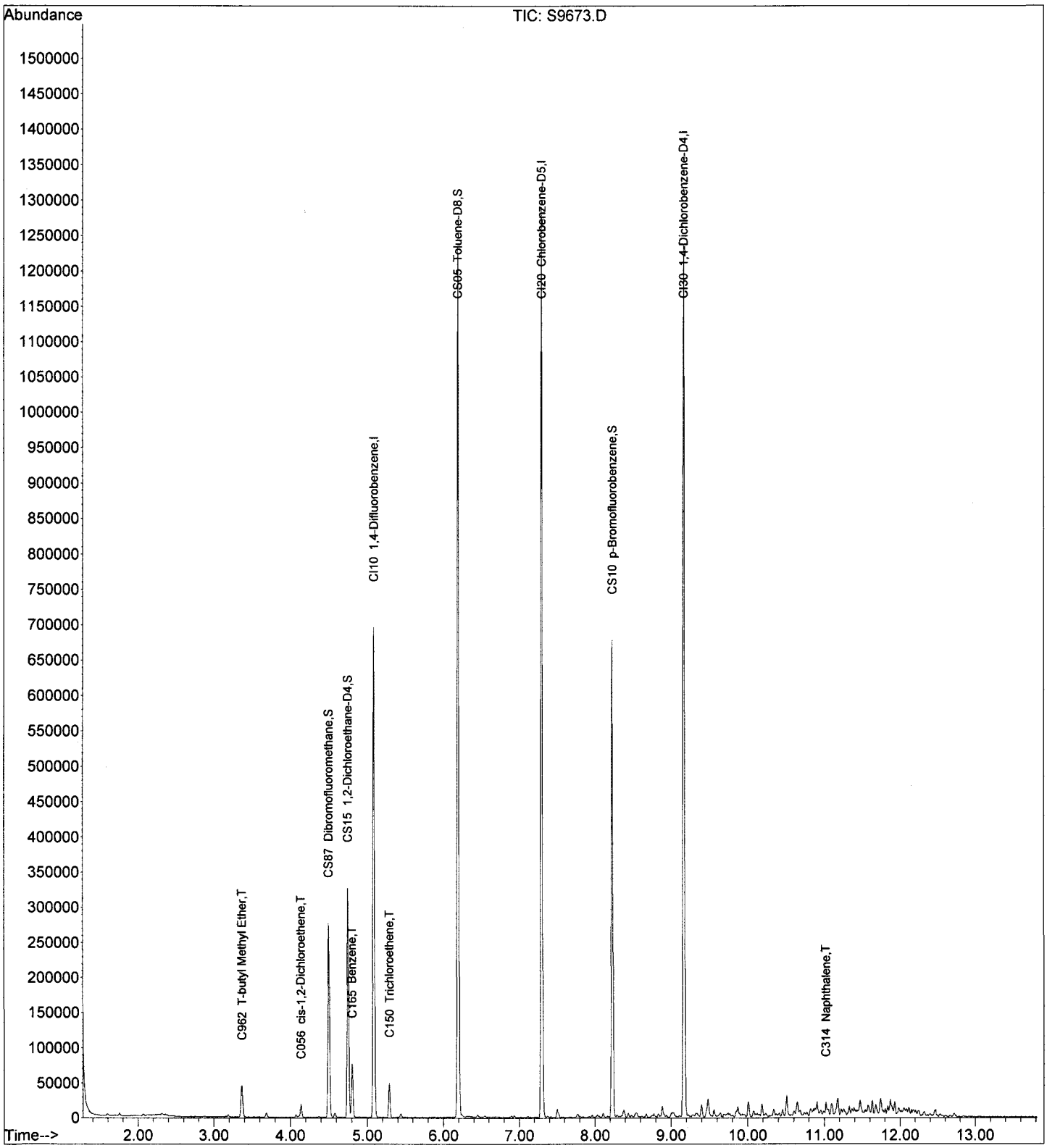
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	5.0	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	1.7	
91-20-3	Naphthalene	0.52	J
100-42-5	Styrene	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
79-01-6	Trichloroethene	1.8	
75-01-4	Vinyl chloride	1.0	U
1330-20-7	Total Xylenes	3.0	U

Data File : D:\DATA\122705\S9673.D
Acq On : 27 Dec 2005 18:48
Sample : A5E58705
Misc :
MS Integration Params: RTEINT.P

Vial: 23
Operator: LH
Inst : HP5973S
Multiplr: 1.00

Quant Time: Dec 27 20:50:40 2005 Results File: A5I0002442_E2.RES
Quant Method : C:\MSDCHEM\1...\A5I0002442_E2.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Tue Dec 27 11:08:38 2005
Response via : Initial Calibration
DataAcq Meth : VOA



Data File : D:\DATA\122705\S9673.D Vial: 23
Acq On : 27 Dec 2005 18:48 Operator: LH
Sample : A5E58705 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 27 20:50:40 2005 Results File: A5I0002442_E2.RES

Quant Method : C:\MSDCHEM\1...\A5I0002442_E2.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Tue Dec 27 11:08:38 2005
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\DATA\122705\S9652.D (27 Dec 2005 10:13)

STE 12/28/05 LA

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.09	114	424238	125.00	ng	0.00 96.19%
43) CI20	Chlorobenzene-D5	7.30	117	582848	125.00	ng	0.00 97.06%
62) CI30	1,4-Dichlorobenzene-	9.17	152	279039	125.00	ng	0.00 93.81%
System Monitoring Compounds							
30) CS87	Dibromofluoromethane	4.50	111	141909	118.52	ng	0.00
Spiked Amount	125.000	Range	70 - 130	Recovery =	94.82%		
31) CS15	1,2-Dichloroethane-D	4.75	65	150625	115.26	ng	0.00
Spiked Amount	125.000	Range	73 - 136	Recovery =	92.21%		
44) CS05	Toluene-D8	6.19	98	646666	112.00	ng	0.00
Spiked Amount	125.000	Range	77 - 122	Recovery =	89.60%		
61) CS10	p-Bromofluorobenzene	8.23	174	130819	99.78	ng	0.00
Spiked Amount	125.000	Range	74 - 120	Recovery =	79.82%		
Target Compounds							Qvalue
2) C290	Dichlorodifluorome	0.00	85	0	N.D.		
3) C010	Chloromethane	0.00	50	0	N.D.		
4) C020	Vinyl chloride	1.60	62	1613	N.D.		
5) C015	Bromomethane	0.00	94	0	N.D.		
6) C025	Chloroethane	0.00	64	0	N.D.		
7) C275	Trichlorofluoromet	0.00	101	0	N.D.		
8) C045	1,1-Dichloroethene	2.70	96	146	N.D.		
9) C030	Methylene chloride	0.00	84	0	N.D.		
10) C040	Carbon disulfide	2.88	76	1089	N.D.		
11) C036	Acrolein	0.00	56	0	N.D.		
12) C038	Acrylonitrile	3.37	53	138	N.D.		
13) C035	Acetone	2.75	43	589	N.D.		
14) C300	Acetonitrile	0.00	41	0	N.D.		
15) C276	Iodomethane	0.00	142	0	N.D.		
16) C291	1,1,2 Trichloro-1,	0.00	101	0	N.D.		
17) C962	T-butyl Methyl Ether	3.37	73	29367	8.48	ng #	79
18) C057	trans-1,2-Dichloro	0.00	96	0	N.D.		
19) C255	Methyl Acetate	0.00	43	0	N.D.		
20) C050	1,1-Dichloroethane	3.68	63	5496	N.D.		
21) C125	Vinyl Acetate	0.00	43	0	N.D.		
22) C051	2,2-Dichloropropan	0.00	77	0	N.D.		
23) C056	cis-1,2-Dichloroethe	4.14	96	6256	3.92	ng	96
24) C272	Tetrahydrofuran	4.38	42	308	N.D.		
25) C222	Bromochloromethane	0.00	128	0	N.D.		
26) C060	Chloroform	0.00	83	0	N.D.		
27) C115	1,1,1-Trichloroeth	4.52	97	1088	N.D.		
28) C120	Carbon tetrachlori	0.00	117	0	N.D.		
29) C116	1,1-Dichloropropen	0.00	75	0	N.D.		
32) C165	Benzene	4.81	78	52263	8.02	ng	95
33) C065	1,2-Dichloroethane	4.80	62	130	N.D.		
34) C110	2-Butanone	0.00	43	0	N.D.		
35) C256	Cyclohexane	4.58	56	2509	N.D.		
36) C150	Trichloroethene	5.29	95	13487	8.98	ng	97
37) C140	1,2-Dichloropropan	0.00	63	0	N.D.		
38) C278	Dibromomethane	0.00	93	0	N.D.		

mp 1/12/2006

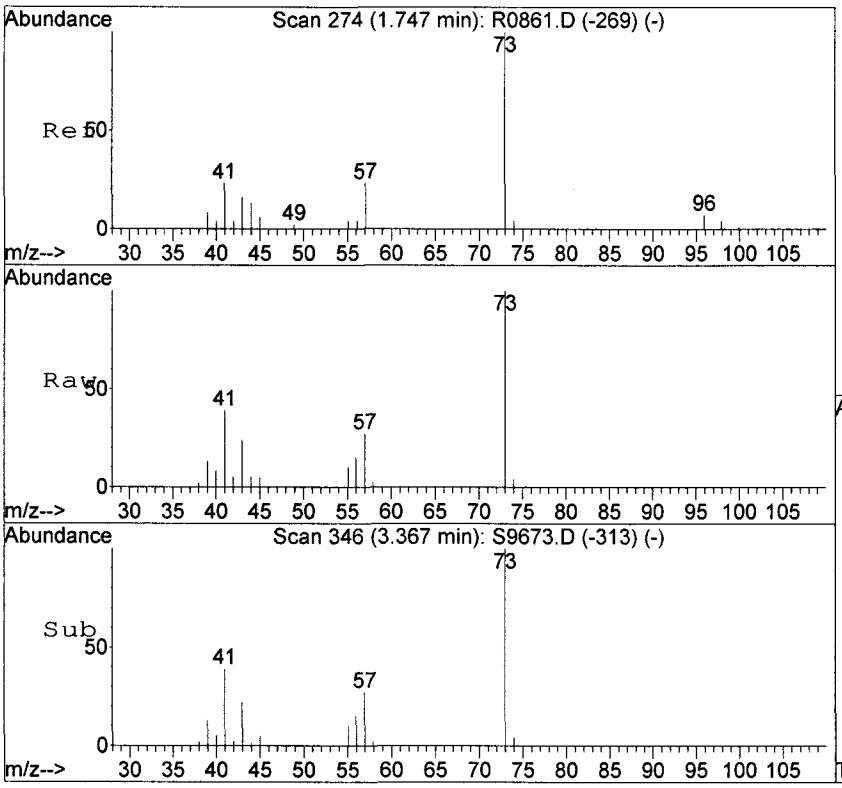
Data File : D:\DATA\122705\S9673.D Vial: 23
Acq On : 27 Dec 2005 18:48 Operator: LH
Sample : A5E58705 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 27 20:50:40 2005 Results File: A5I0002442_E2.RES

Quant Method : C:\MSDCHEM\1...\A5I0002442_E2.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Tue Dec 27 11:08:38 2005
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\DATA\122705\S9652.D (27 Dec 2005 10:13)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
39) C130	Bromodichlorometha	0.00	83	0	N.D.		
40) C161	2-Chloroethylvinyl	5.89	63	140	N.D.		
41) C012	Methylcycolhexane	5.44	83	1822	N.D.		
42) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.		
45) C230	Toluene	6.24	92	489	N.D.		
46) C170	trans-1,3-Dichloro	0.00	75	0	N.D.		
47) C284	Ethyl Methacrylate	6.45	69	140	N.D.		
48) C160	1,1,2-Trichloroeth	0.00	83	0	N.D.		
49) C210	4-Methyl-2-pentano	6.19	43	2605	N.D.		
50) C220	Tetrachloroethene	0.00	166	0	N.D.		
51) C221	1,3-Dichloropropan	0.00	76	0	N.D.		
52) C155	Dibromochlorometha	0.00	129	0	N.D.		
53) C163	1,2-Dibromoethane	0.00	107	0	N.D.		
54) C215	2-Hexanone	6.69	43	134	N.D.		
55) C235	Chlorobenzene	7.32	112	2539	N.D.		
56) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.		
57) C240	Ethylbenzene	7.41	91	357	N.D.		
58) C246	m,p-Xylene	7.50	106	3624	N.D.		
59) C247	o-Xylene	0.00	106	0	N.D.		
60) C245	Styrene	0.00	104	0	N.D.		
63) C180	Bromoform	0.00	173	0	N.D.		
64) C966	Isopropylbenzene	8.11	105	4168	N.D.		
65) C301	Bromobenzene	0.00	156	0	N.D.		
66) C225	1,1,2,2-Tetrachlor	8.38	83	368	N.D.		
67) C282	1,2,3-Trichloropro	0.00	110	0	N.D.		
68) C283	t-1,4-Dichloro-2-B	0.00	53	0	N.D.		
69) C302	n-Propylbenzene	8.44	91	5392	N.D.		
70) C303	2-Chlorotoluene	0.00	126	0	N.D.		
71) C289	4-Chlorotoluene	0.00	126	0	N.D.		
72) C304	1,3,5-Trimethylben	8.53	105	2885	N.D.		
73) C306	tert-Butylbenzene	9.00	134	138	N.D.		
74) C307	1,2,4-Trimethylben	8.88	105	7229	N.D.		
75) C308	sec-Butylbenzene	9.02	105	3536	N.D.		
76) C260	1,3-Dichlorobenzen	0.00	146	0	N.D.		
77) C309	4-Isopropyltoluene	9.15	119	671	N.D.		
78) C267	1,4-Dichlorobenzen	0.00	146	0	N.D.		
79) C249	1,2-Dichlorobenzen	0.00	146	0	N.D.		
80) C310	n-Butylbenzene	9.48	91	1590	N.D.		
81) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.		
82) C313	1,2,4-Trichloroben	0.00	180	0	N.D.		
83) C316	Hexachlorobutadien	0.00	225	0	N.D.		
84) C314	Naphthalene	11.02	128	9814	2.62	ng	100
85) C934	1,2,3-Trichloroben	0.00	180	0	N.D.		

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

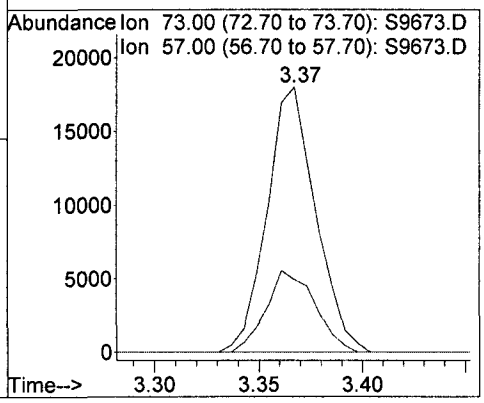
11/12/2006

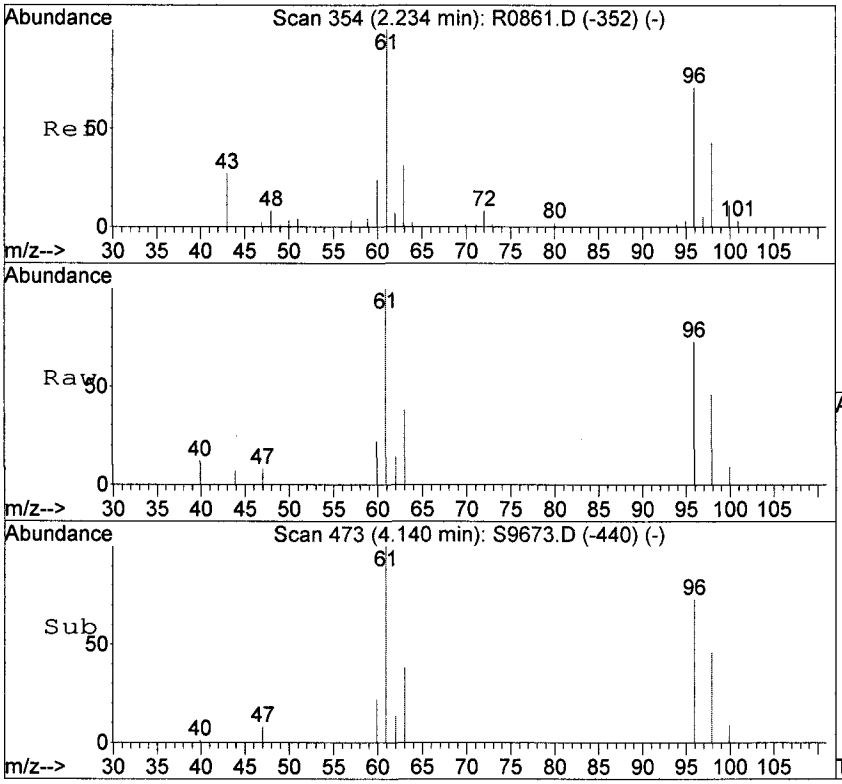


#17
C962 T-butyl Methyl Ether
Concen: 8.48 ng
RT: 3.37 min Scan# 346
Delta R.T. 0.00 min
Lab File: S9673.D
Acq: 27 Dec 2005 18:48

Tgt Ion: 73 Resp: 29367

Ion	Ratio	Lower	Upper
73	100		
57	31.0	17.0	25.6#

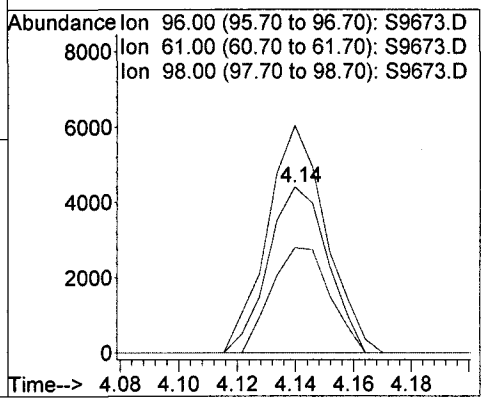


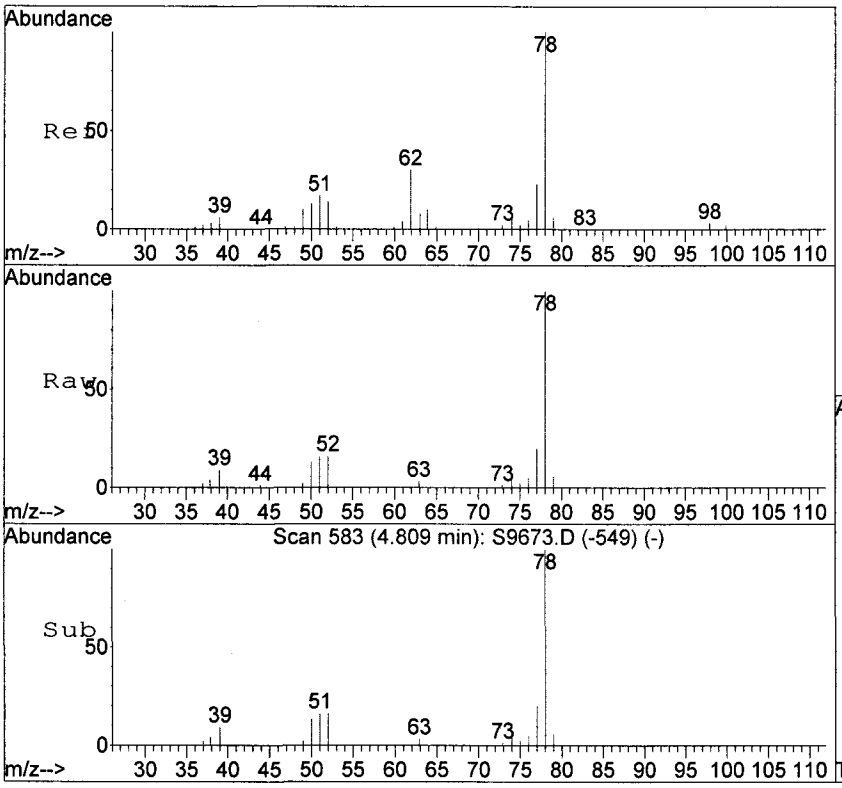


#23
C056 cis-1,2-Dichloroethene
Concen: 3.92 ng
RT: 4.14 min Scan# 473
Delta R.T. -0.00 min
Lab File: S9673.D
Acq: 27 Dec 2005 18:48

Tgt Ion: 96 Resp: 6256

Ion	Ratio	Lower	Upper
96	100		
61	136.9	124.0	164.0
98	63.4	44.3	84.3

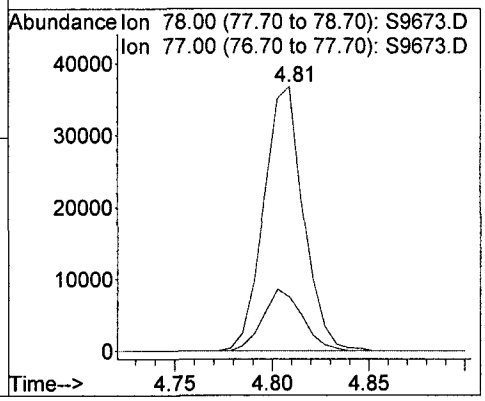


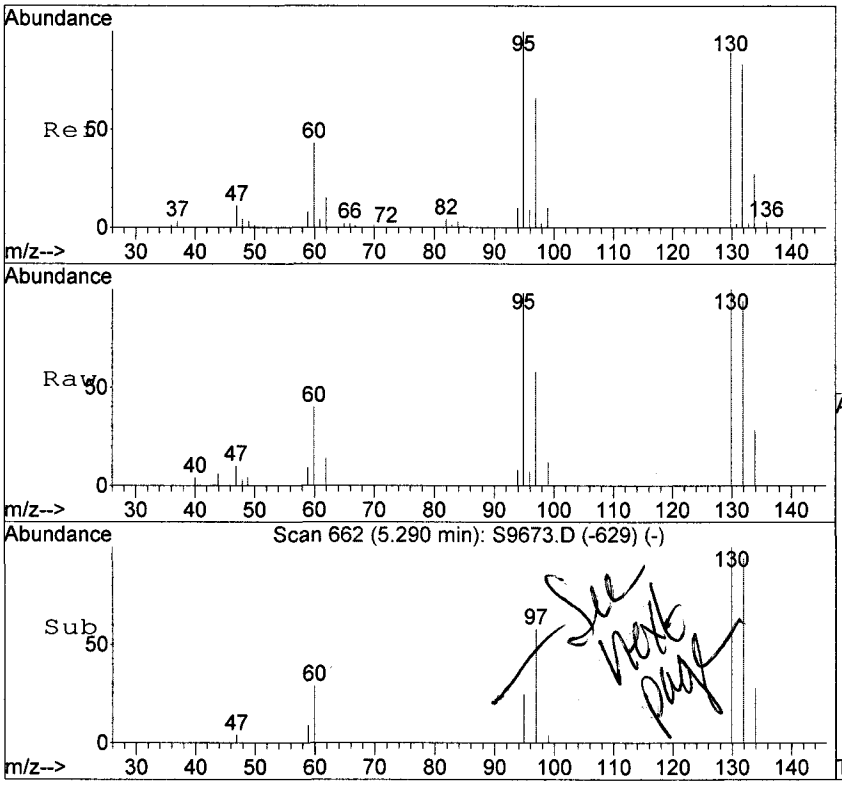


#32
C165 Benzene
Concen: 8.02 ng
RT: 4.81 min Scan# 583
Delta R.T. 0.01 min
Lab File: S9673.D
Acq: 27 Dec 2005 18:48

Tgt Ion: 78 Resp: 52263

Ion	Ratio	Lower	Upper
78	100		
77	20.3	3.0	43.0

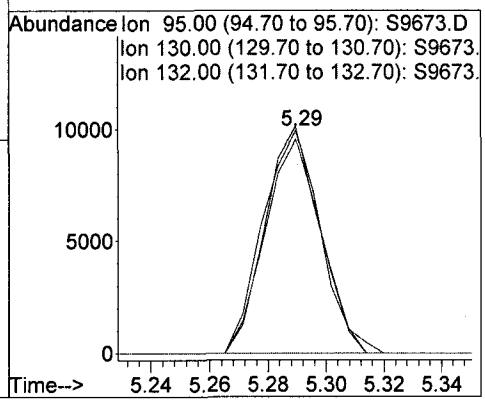




#36
C150 Trichloroethene
Concen: 8.98 ng
RT: 5.29 min Scan# 662
Delta R.T. -0.00 min
Lab File: S9673.D
Acq: 27 Dec 2005 18:48

Tgt Ion: 95 Resp: 13487

Ion	Ratio	Lower	Upper
95	100		
130	101.8	84.6	124.6
132	96.1	79.5	119.5

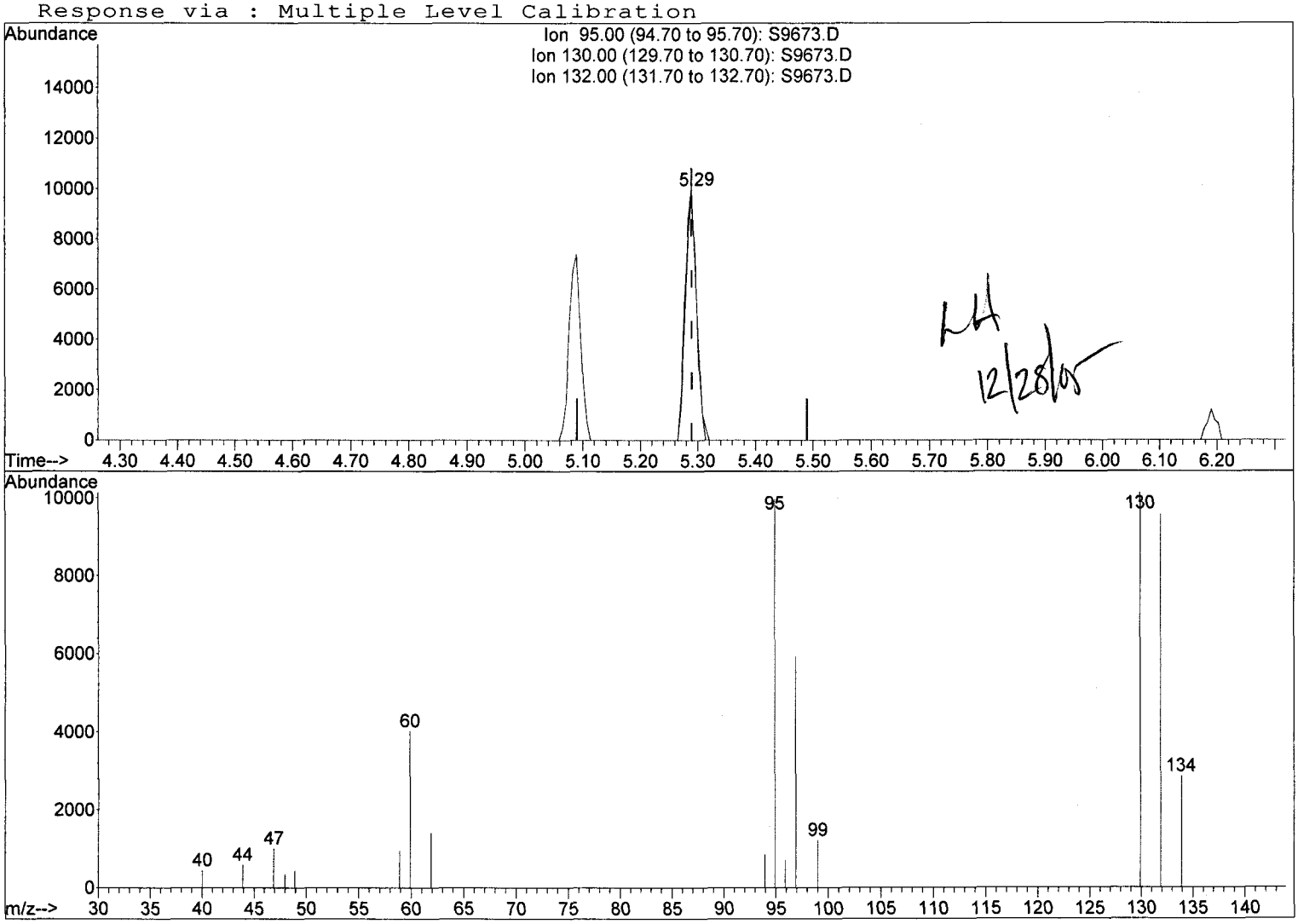


Quantitation Report (Qedit)

Data File : D:\DATA\122705\S9673.D
Acq On : 27 Dec 2005 18:48
Sample : A5E58705
Misc :
MS Integration Params: RTEINT.P
Quant Time: Dec 27 20:50:40 2005

Vial: 23
Operator: LH
Inst : HP5973S
Multiplr: 1.00

Method : C:\MSDCHEM\1\MET...\A5I0002442_E2.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Dec 28 09:45:03 2005
Response via : Multiple Level Calibration



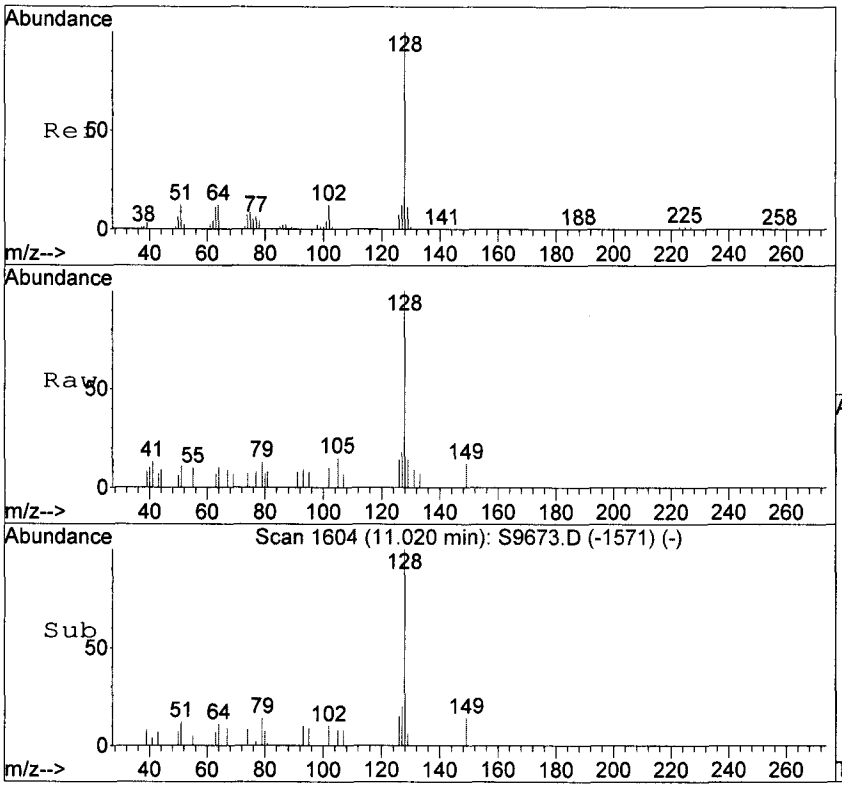
TIC: S9673.D

(36) C150 Trichloroethene (T)

5.29min (-0.000) 8.98ng

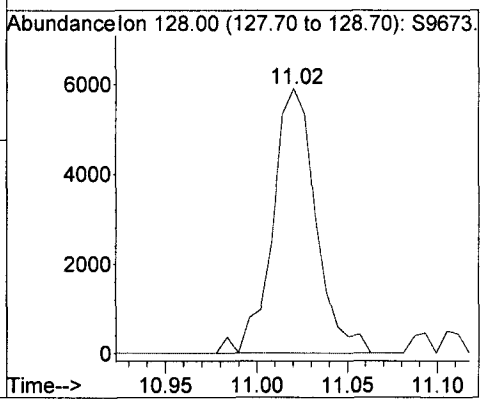
response 13487

Ion	Exp%	Act%
95.00	100	100
130.00	104.60	101.81
132.00	99.50	96.06
0.00	0.00	0.00



#84
C314 Naphthalene
Concen: 2.62 ng
RT: 11.02 min Scan# 1604
Delta R.T. 0.00 min
Lab File: S9673.D
Acq: 27 Dec 2005 18:48

Tgt Ion:128 Resp: 9814



METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.: MW-101

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A5E58714

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q9549.RR

Level: (low/med) LOW Date Samp/Recv: 12/21/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/27/2005

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	5.0	U
71-43-2	Benzene	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon Disulfide	1.0	U
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	1.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	1.0	U
110-82-7	Cyclohexane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U
75-34-3	1,1-Dichloroethane	4.3	
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-59-2	cis-1,2-Dichloroethene	5.9	
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
98-82-8	Isopropylbenzene	1.0	U
79-20-9	Methyl acetate	1.0	U
108-87-2	Methylcyclohexane	1.0	U
75-09-2	Methylene chloride	1.0	U

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.

MW-101

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A5E58714

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q9549.RR

Level: (low/med) LOW Date Samp/Recv: 12/21/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/27/2005

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

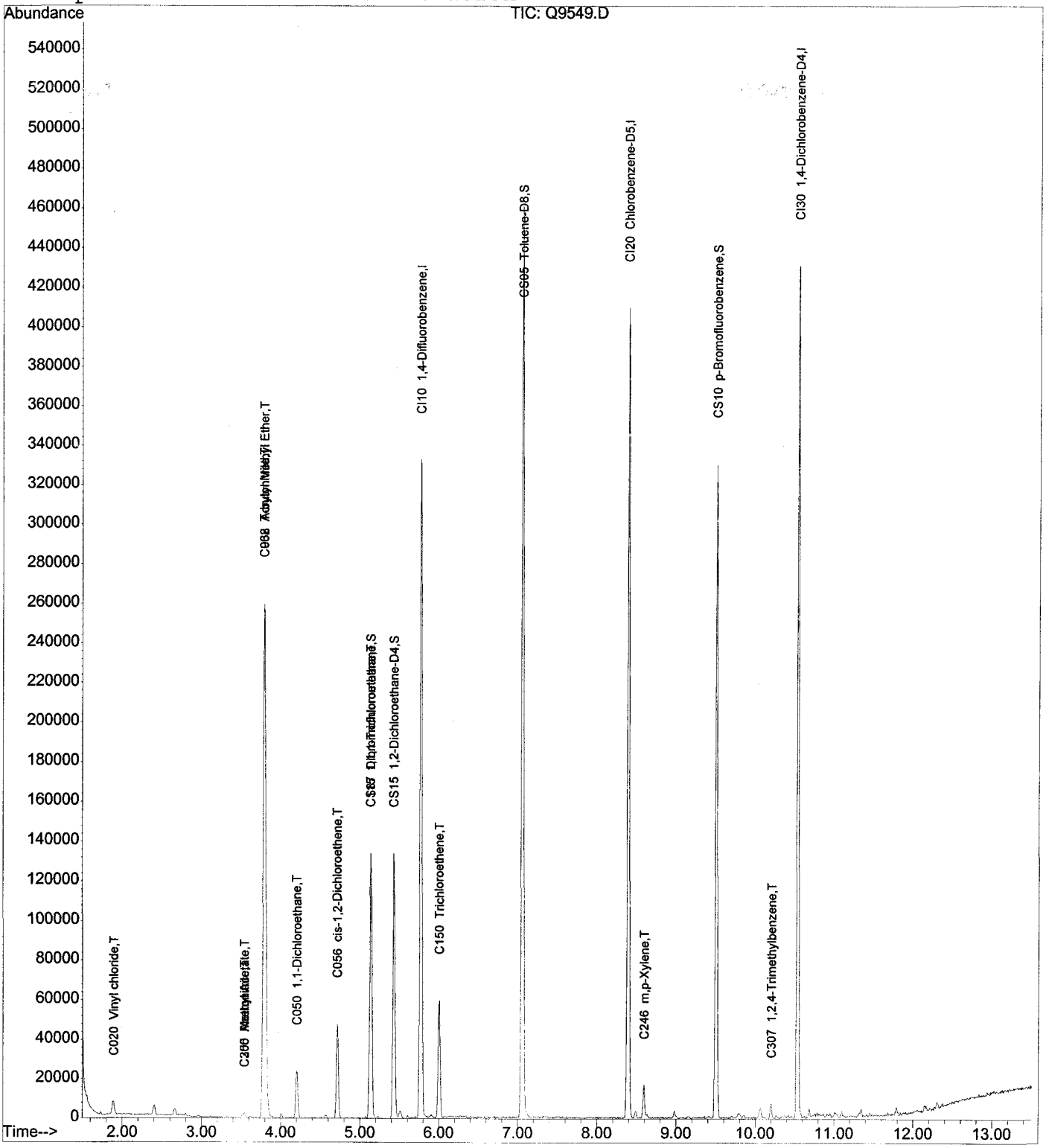
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	5.0	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	28	
91-20-3	Naphthalene	1.0	U
100-42-5	Styrene	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
71-55-6	1,1,1-Trichloroethane	2.3	
79-00-5	1,1,2-Trichloroethane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
79-01-6	Trichloroethene	5.6	
75-01-4	Vinyl chloride	1.7	
1330-20-7	Total Xylenes	3.0	U

Quantitation Report

Data File : C:\HPCHEM\1\DATA\122705\Q9549.D Vial: 32
Acq On : 27 Dec 2005 22:43 Operator: TLC
Sample : A5E58714 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 28 8:43 2005 Quant Results File: A5I02444.RES

Method : C:\HPCHEM\1\METHODS\Q8260\A5I02444.M (RTE Integrator)
Title : 8260 5ML
Last Update : Wed Dec 28 08:38:57 2005
Response via : Initial Calibration



Quantitation Report STL Buffalo

Data File : C:\HPCHEM\1\DATA\122705\Q9549.D Vial: 32
Acq On : 27 Dec 2005 22:43 Operator: TLC
Sample : A5E58714 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 28 8:43 2005 Quant Results File: A5I02444.RES

Quant Method : C:\HPCHEM\1...\A5I02444.M (RTE Integrator)
Title : 8260 5ML
Last Update : Wed Dec 28 08:38:57 2005
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : C:\HPCHEM\1\DATA\122705\Q9545.D (27 Dec 2005 20:40)

SnOMS 12/28/05 +xylenes

Internal Standards		R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.77	114	280187	125.00 ng	0.00 97.22%
43) CI20	Chlorobenzene-D5	8.39	117	248417	125.00 ng	0.00 98.49%
62) CI30	1,4-Dichlorobenzene-	10.54	152	119550	125.00 ng	0.00 94.84%
System Monitoring Compounds						
30) CS87	Dibromofluoromethane	5.13	111	76026	124.69 ng	0.00
Spiked Amount	125.000	Range	70 - 130	Recovery =	99.75%	
31) CS15	1,2-Dichloroethane-D	5.43	65	85554	120.69 ng	0.00
Spiked Amount	125.000	Range	72 - 143	Recovery =	96.55%	
44) CS05	Toluene-D8	7.06	98	305597	124.53 ng	0.00
Spiked Amount	125.000	Range	76 - 116	Recovery =	99.62%	
61) CS10	p-Bromofluorobenzene	9.50	174	100247	126.78 ng	0.00
Spiked Amount	125.000	Range	73 - 117	Recovery =	101.42%	
Target Compounds						Qvalue
2) C290	Dichlorodifluorometh	0.00	85	0	N.D.	
3) C010	Chloromethane	0.00	50	0	N.D.	
4) C020	Vinyl chloride	1.89	62	5268	8.69 ng	97
5) C015	Bromomethane	0.00	94	0	N.D.	
6) C025	Chloroethane	0.00	64	0	N.D.	
7) C275	Trichlorofluorometha	0.00	101	0	N.D.	
8) C045	1,1-Dichloroethene	0.00	96	0	N.D.	
9) C030	Methylene chloride	0.00	84	0	N.D.	
10) C040	Carbon disulfide	0.00	76	0	N.D.	
11) C036	Acrolein	0.00	56	0	N.D.	
~~12) C038~~	~~Acrylonitrile~~	~~3.80~~	~~53~~	~~2606~~	~~7.59 ng~~	~~# 18~~
13) C035	Acetone	0.00	43	0	N.D.	
~~14) C300~~	~~Acetonitrile~~	~~3.53~~	~~41~~	529	4.23 ng	# 26
15) C276	Iodomethane	0.00	142	0	N.D.	
16) C291	1,1,2 Trichloro-1,2,	0.00	101	0	N.D.	
17) C962	T-butyl Methyl Ether	3.79	73	307437	142.55 ng	99
18) C057	trans-1,2-Dichloroet	0.00	96	0	N.D.	
~~19) C255~~	~~Methyl Acetate~~	~~3.54~~	~~43~~	~~2578~~	~~2.68 ng~~	~~# 55~~
20) C050	1,1-Dichloroethane	4.20	63	26855	21.69 ng	97
21) C125	Vinyl Acetate	0.00	43	0	N.D.	
22) C051	2,2-Dichloropropane	0.00	77	0	N.D.	

11/2/06

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

Quantitation Report STL Buffalo

Data File : C:\HPCHEM\1\DATA\122705\Q9549.D Vial: 32
Acq On : 27 Dec 2005 22:43 Operator: TLC
Sample : A5E58714 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 28 8:43 2005 Quant Results File: A5I02444.RES

Quant Method : C:\HPCHEM\1...\A5I02444.M (RTE Integrator)
Title : 8260 5ML
Last Update : Wed Dec 28 08:38:57 2005
Response via : Initial Calibration
DataAcq Meth : VOA

	Compound		R.T.	QIon	Response	Conc Unit		Qvalue
23)	C056	cis-1,2-Dichloroethe	4.71	96	21127	29.32 ng	#	87
24)	C272	Tetrahydrofuran	0.00	42	0	N.D.		
25)	C222	Bromochloromethane	0.00	128	0	N.D.		
26)	C060	Chloroform	0.00	83	0	N.D.		
27)	C115	1,1,1-Trichloroethan	5.13	97	10331	11.39 ng		96
28)	C120	Carbon tetrachloride	0.00	117	0	N.D.		
29)	C116	1,1-Dichloropropene	0.00	75	0	N.D.		
32)	C165	Benzene	5.46	78	795	N.D.		
33)	C065	1,2-Dichloroethane	0.00	62	0	N.D.		
34)	C110	2-Butanone	0.00	43	0	N.D.		
35)	C256	Cyclohexane	5.15	56	686	N.D.		
36)	C150	Trichloroethene	6.00	95	19030	28.07 ng	#	72
37)	C140	1,2-Dichloropropane	0.00	63	0	N.D.		
38)	C278	Dibromomethane	0.00	93	0	N.D.		
39)	C130	Bromodichloromethane	0.00	83	0	N.D.		
40)	C161	2-Chloroethylvinyl E	0.00	63	0	N.D.		
41)	C012	Methylcycolhexane	6.13	83	359	N.D.		
42)	C145	cis-1,3-Dichloroprop	0.00	75	0	N.D.		
45)	C230	Toluene	7.11	92	1081	N.D.		
46)	C170	trans-1,3-Dichloropr	0.00	75	0	N.D.		
47)	C284	Ethyl Methacrylate	0.00	69	0	N.D.		
48)	C160	1,1,2-Trichloroethan	0.00	83	0	N.D.		
49)	C210	4-Methyl-2-pentanone	7.05	43	961	N.D.		
50)	C220	Tetrachloroethene	0.00	166	0	N.D.		
51)	C221	1,3-Dichloropropane	0.00	76	0	N.D.		
52)	C155	Dibromochloromethane	0.00	129	0	N.D.		
53)	C163	1,2-Dibromoethane	0.00	107	0	N.D.		
54)	C215	2-Hexanone	0.00	43	0	N.D.		
55)	C235	Chlorobenzene	0.00	112	0	N.D.		
56)	C281	1,1,1,2-Tetrachloroe	0.00	131	0	N.D.		
57)	C240	Ethylbenzene	8.49	91	4244	N.D.		
58)	C246	m,p-Xylene	8.60	106	5822	4.60 ng		87
59)	C247	o-Xylene	8.98	106	1278	N.D.		
60)	C245	Styrene	0.00	104	0	N.D.		
63)	C180	Bromoform	0.00	173	0	N.D.		
64)	C966	Isopropylbenzene	0.00	105	0	N.D.		
65)	C301	Bromobenzene	0.00	156	0	N.D.		
66)	C225	1,1,2,2-Tetrachloroe	0.00	83	0	N.D.		
67)	C282	1,2,3-Trichloropropa	0.00	110	0	N.D.		
68)	C283	t-1,4-Dichloro-2-But	0.00	51	0	N.D.		
69)	C302	n-Propylbenzene	9.70	91	1269	N.D.		

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

Quantitation Report STL Buffalo

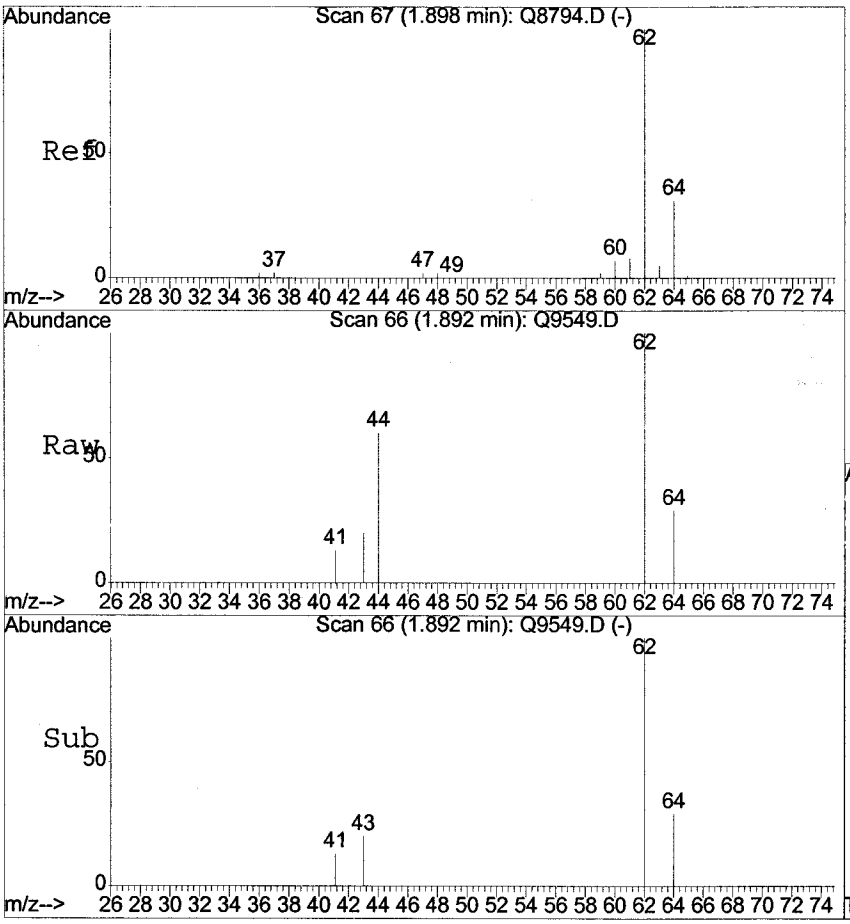
Data File : C:\HPCHEM\1\DATA\122705\Q9549.D Vial: 32
Acq On : 27 Dec 2005 22:43 Operator: TLC
Sample : A5E58714 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 28 8:43 2005 Quant Results File: A5I02444.RES

Quant Method : C:\HPCHEM\1...\A5I02444.M (RTE Integrator)
Title : 8260 5ML
Last Update : Wed Dec 28 08:38:57 2005
Response via : Initial Calibration
DataAcq Meth : VOA

	Compound		R.T.	QIon	Response	Conc Unit	Qvalue
70)	C303	2-Chlorotoluene	0.00	126	0	N.D.	
71)	C289	4-Chlorotoluene	0.00	126	0	N.D.	
72)	C304	1,3,5-Trimethylbenze	9.86	105	1315	N.D.	
73)	C306	tert-Butylbenzene	0.00	134	0	N.D.	
74)	C307	1,2,4-Trimethylbenze	10.20	105	6087	2.47 ng	88
75)	C308	sec-Butylbenzene	10.34	105	1057	N.D.	
76)	C260	1,3-Dichlorobenzene	0.00	146	0	N.D.	
77)	C309	4-Isopropyltoluene	10.46	119	575	N.D.	
78)	C267	1,4-Dichlorobenzene	0.00	146	0	N.D.	
79)	C249	1,2-Dichlorobenzene	0.00	146	0	N.D.	
80)	C310	n-Butylbenzene	10.80	91	1229	N.D.	
81)	C286	1,2-Dibromo-3-Chloro	0.00	75	0	N.D.	
82)	C313	1,2,4-Trichlorobenze	0.00	180	0	N.D.	
83)	C316	Hexachlorobutadiene	0.00	225	0	N.D.	
84)	C314	Naphthalene	12.31	128	2896	N.D.	
85)	C934	1,2,3-Trichlorobenze	0.00	180	0	N.D.	

11/2/06

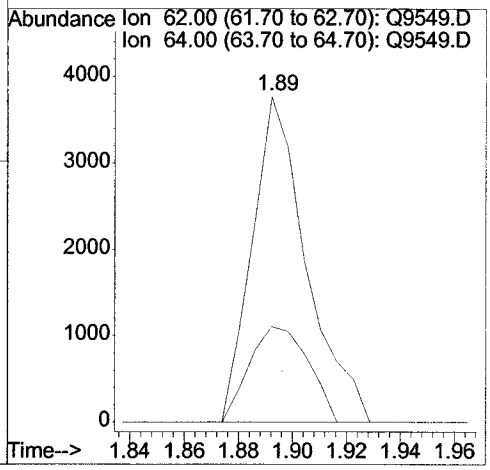
(#) = qualifier out of range (m) = manual integration

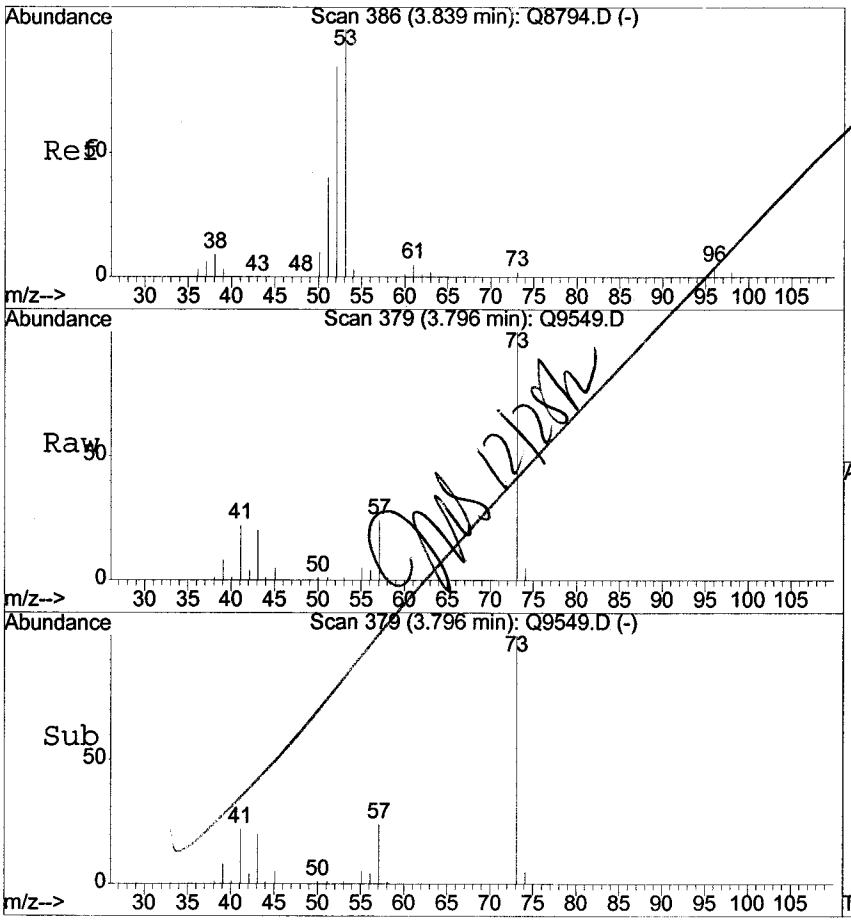


#4
C020 Vinyl chloride
Concen: 8.69 ng
RT: 1.89 min Scan# 66
Delta R.T. -0.00 min
Lab File: Q9549.D
Acq: 27 Dec 2005 22:43

Tgt Ion: 62 Resp: 5268

Ion	Ratio	Lower	Upper
62	100		
64	29.3	11.1	51.1

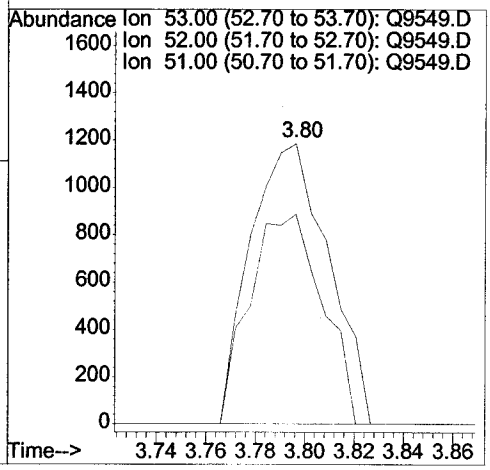


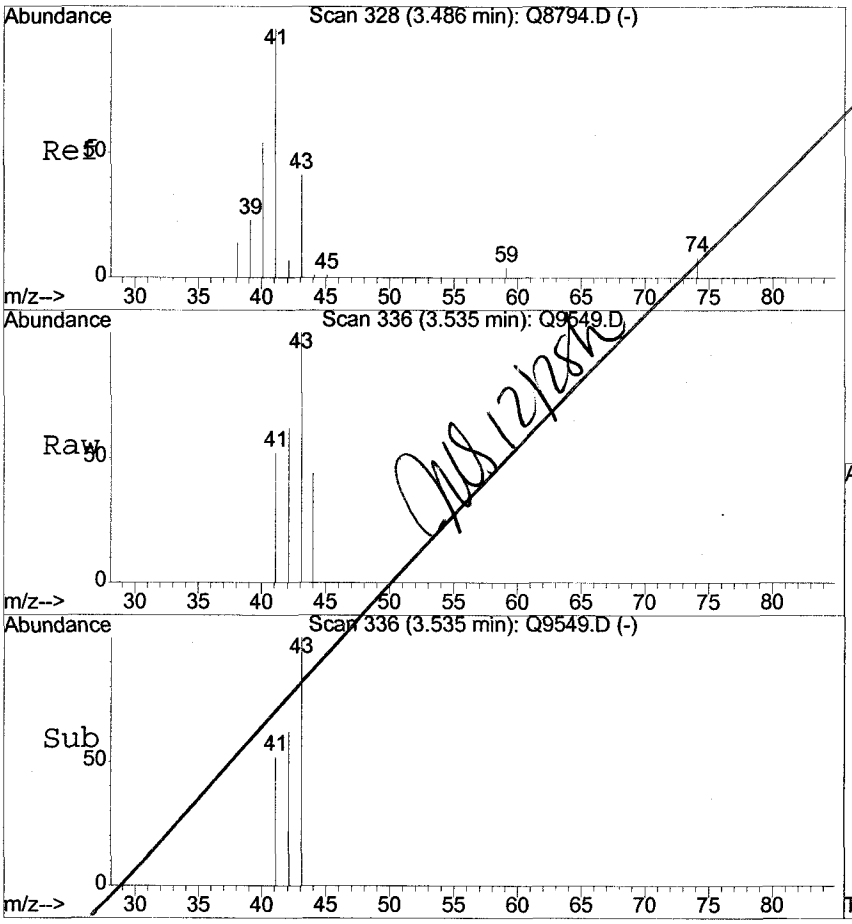


#12
C038 Acrylonitrile
Concen: 7.59 ng
RT: 3.80 min Scan# 379
Delta R.T. -0.04 min
Lab File: Q9549.D
Acq: 27 Dec 2005 22:43

Tgt Ion: 53 Resp: 2606

Ion	Ratio	Lower	Upper
53	100		
52	0.0	66.2	99.2#
51	69.9	28.7	43.1#

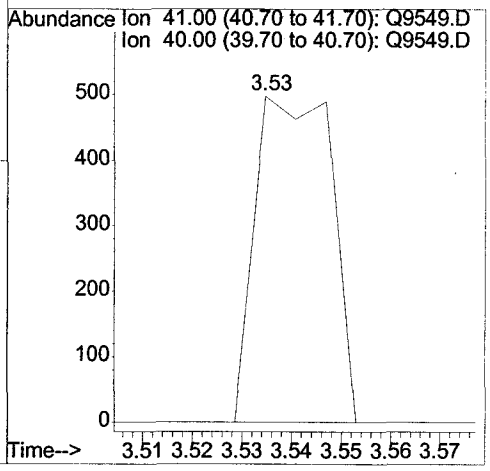


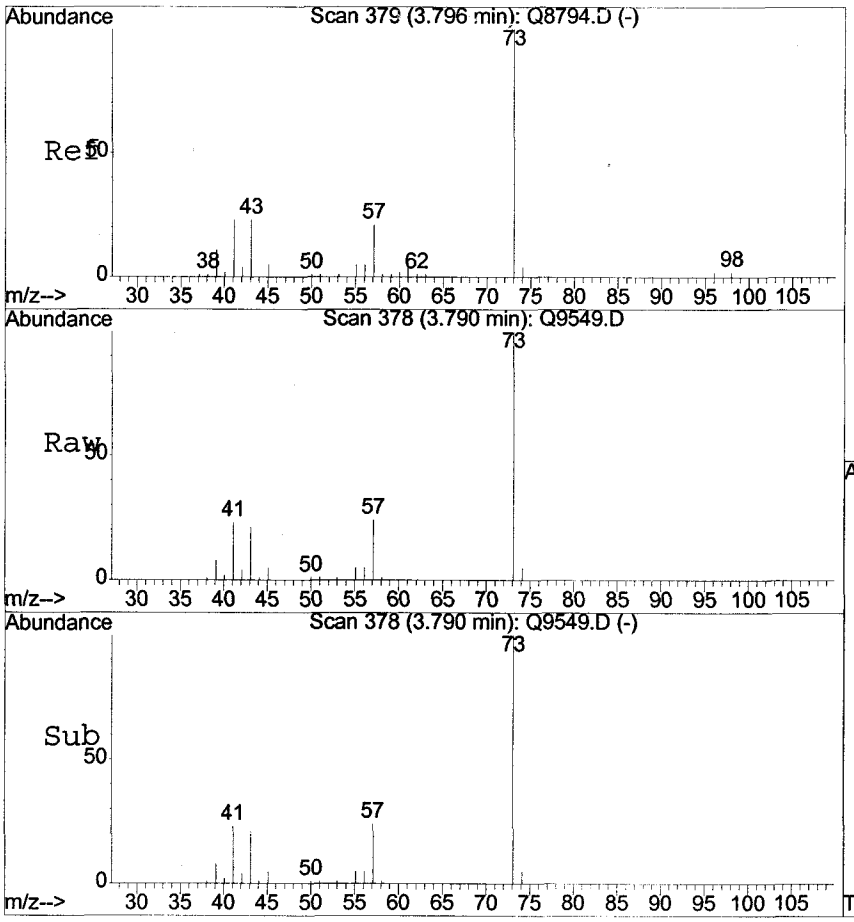


#14
C300 Acetonitrile
Concen: 4.23 ng
RT: 3.53 min Scan# 336
Delta R.T. 0.06 min
Lab File: Q9549.D
Acq: 27 Dec 2005 22:43

Tgt Ion: 41 Resp: 529

Ion	Ratio	Lower	Upper
41	100		
40	0.0	41.8	62.6#

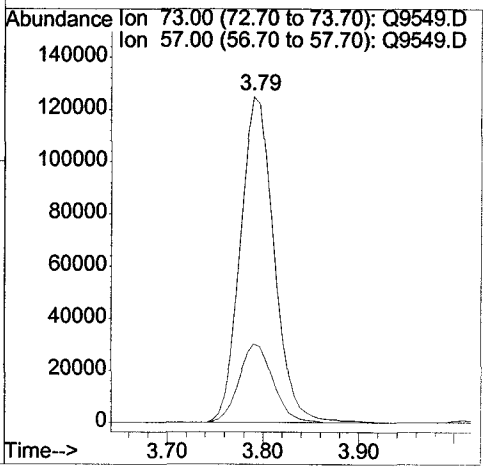


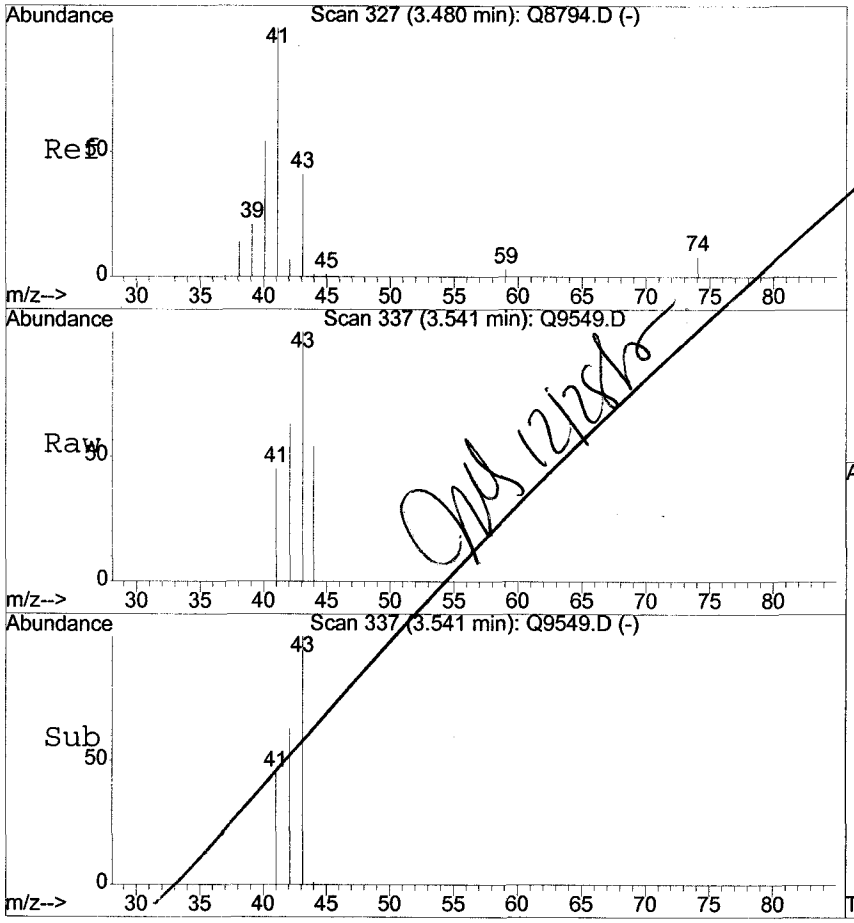


#17
C962 T-butyl Methyl Ether
Concen: 142.55 ng
RT: 3.79 min Scan# 378
Delta R.T. -0.00 min
Lab File: Q9549.D
Acq: 27 Dec 2005 22:43

Tgt Ion: 73 Resp: 307437

Ion	Ratio	Lower	Upper
73	100		
57	24.2	19.1	28.7

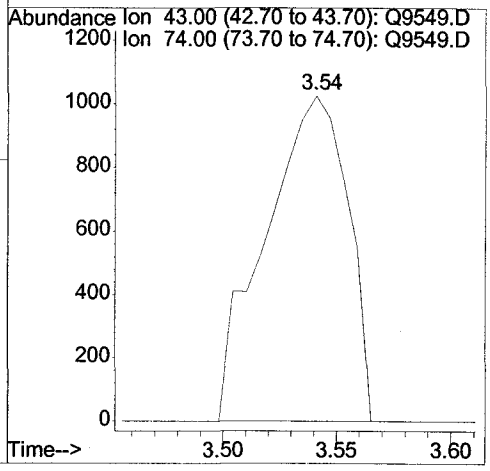


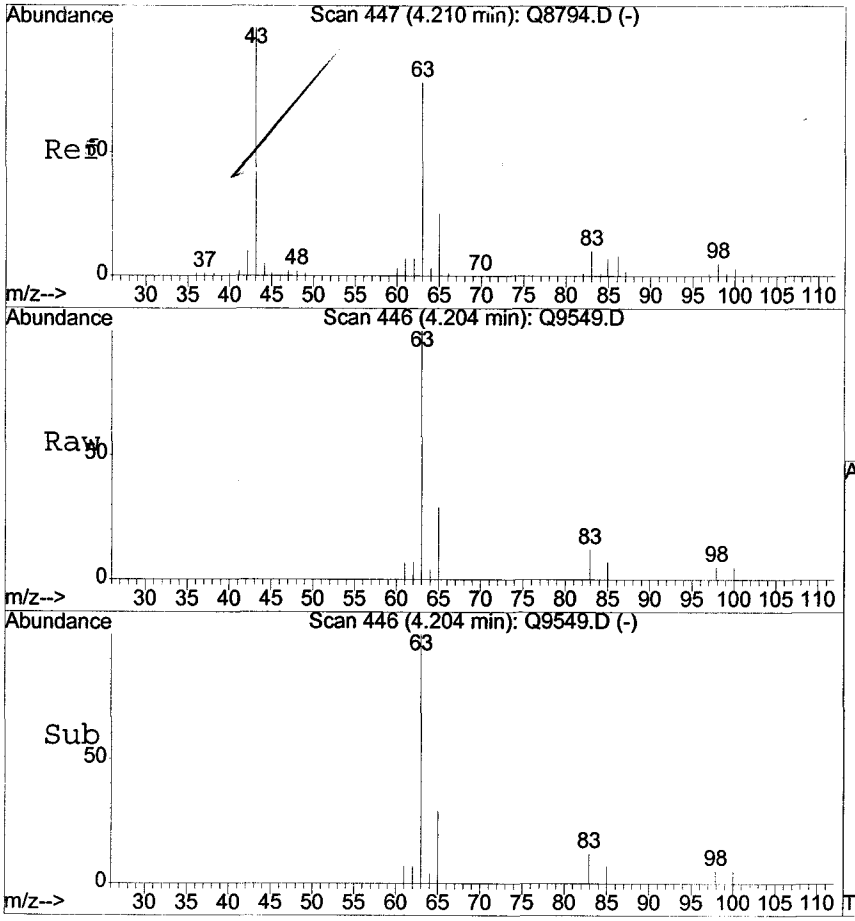


#19
C255 Methyl Acetate
Concen: 2.68 ng
RT: 3.54 min Scan# 337
Delta R.T. 0.06 min
Lab File: Q9549.D
Acq: 27 Dec 2005 22:43

Tgt Ion: 43 Resp: 2578

Ion	Ratio	Lower	Upper
43	100		
74	0.0	17.0	25.4#

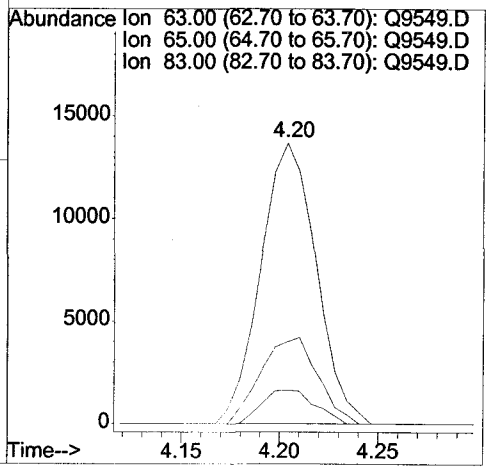


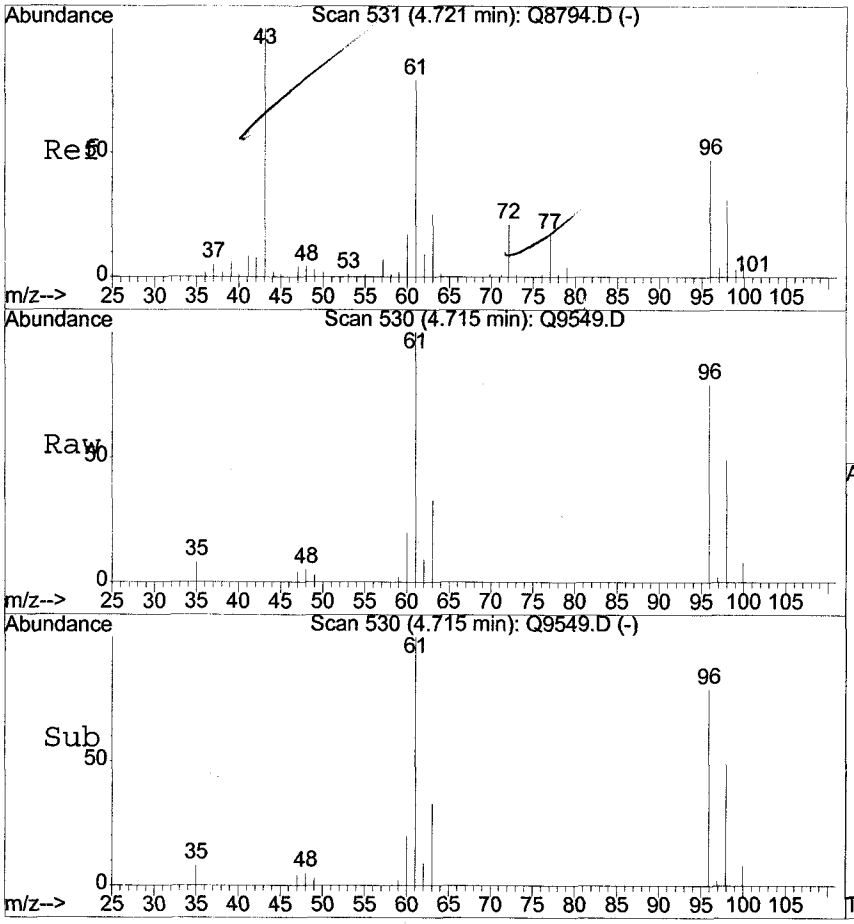


#20
C050 1,1-Dichloroethane
Concen: 21.69 ng
RT: 4.20 min Scan# 446
Delta R.T. 0.00 min
Lab File: Q9549.D
Acq: 27 Dec 2005 22:43

Tgt Ion: 63 Resp: 26855

Ion	Ratio	Lower	Upper
63	100		
65	29.2	11.1	51.1
83	12.0	0.0	31.6

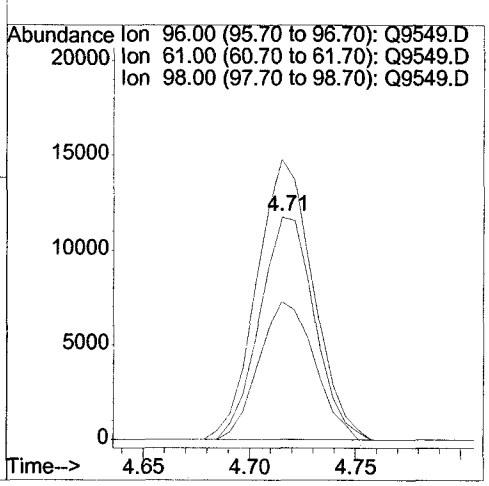


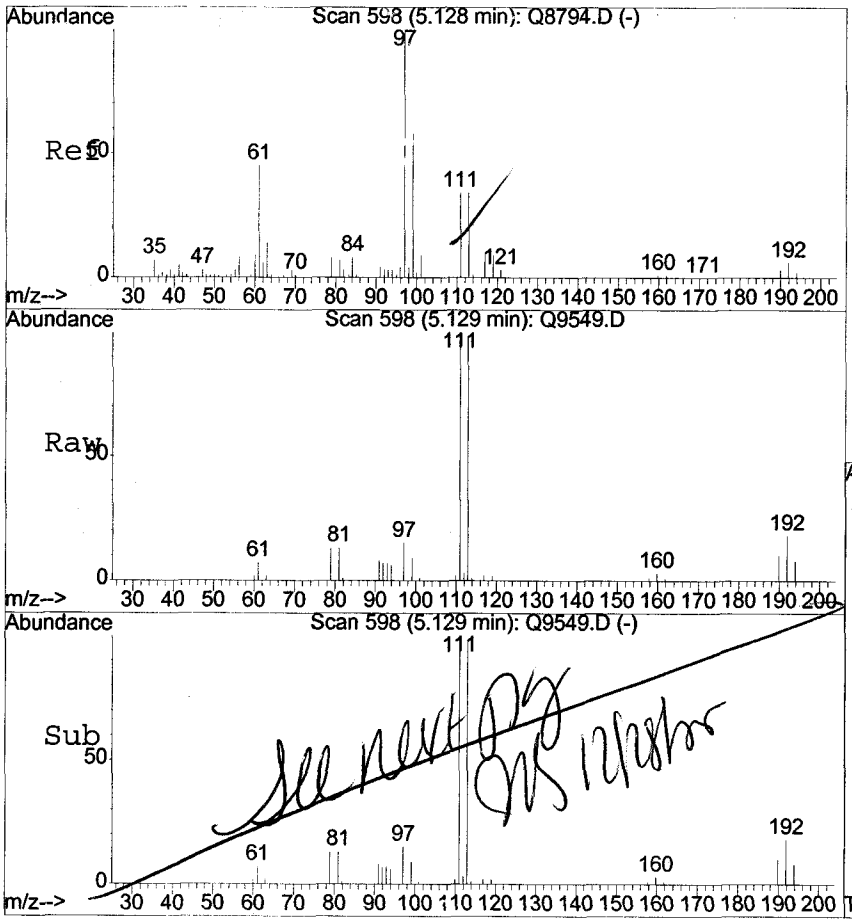


#23
C056 cis-1,2-Dichloroethene
Concen: 29.32 ng
RT: 4.71 min Scan# 530
Delta R.T. -0.00 min
Lab File: Q9549.D
Acq: 27 Dec 2005 22:43

Tgt Ion: 96 Resp: 21127

Ion	Ratio	Lower	Upper
96	100		
61	125.8	128.0	168.0#
98	61.9	43.4	83.4

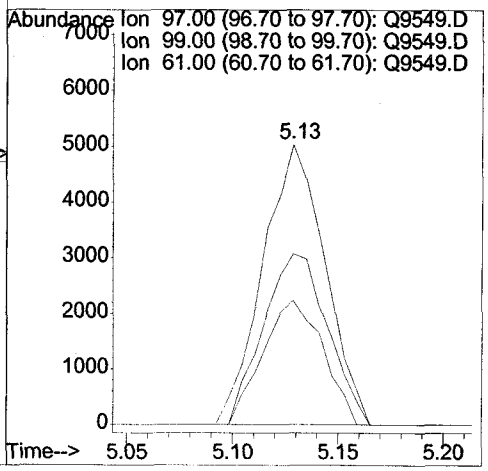




#27
C115 1,1,1-Trichloroethane
Concen: 11.39 ng
RT: 5.13 min Scan# 598
Delta R.T. -0.00 min
Lab File: Q9549.D
Acq: 27 Dec 2005 22:43

Tgt Ion: 97 Resp: 10331

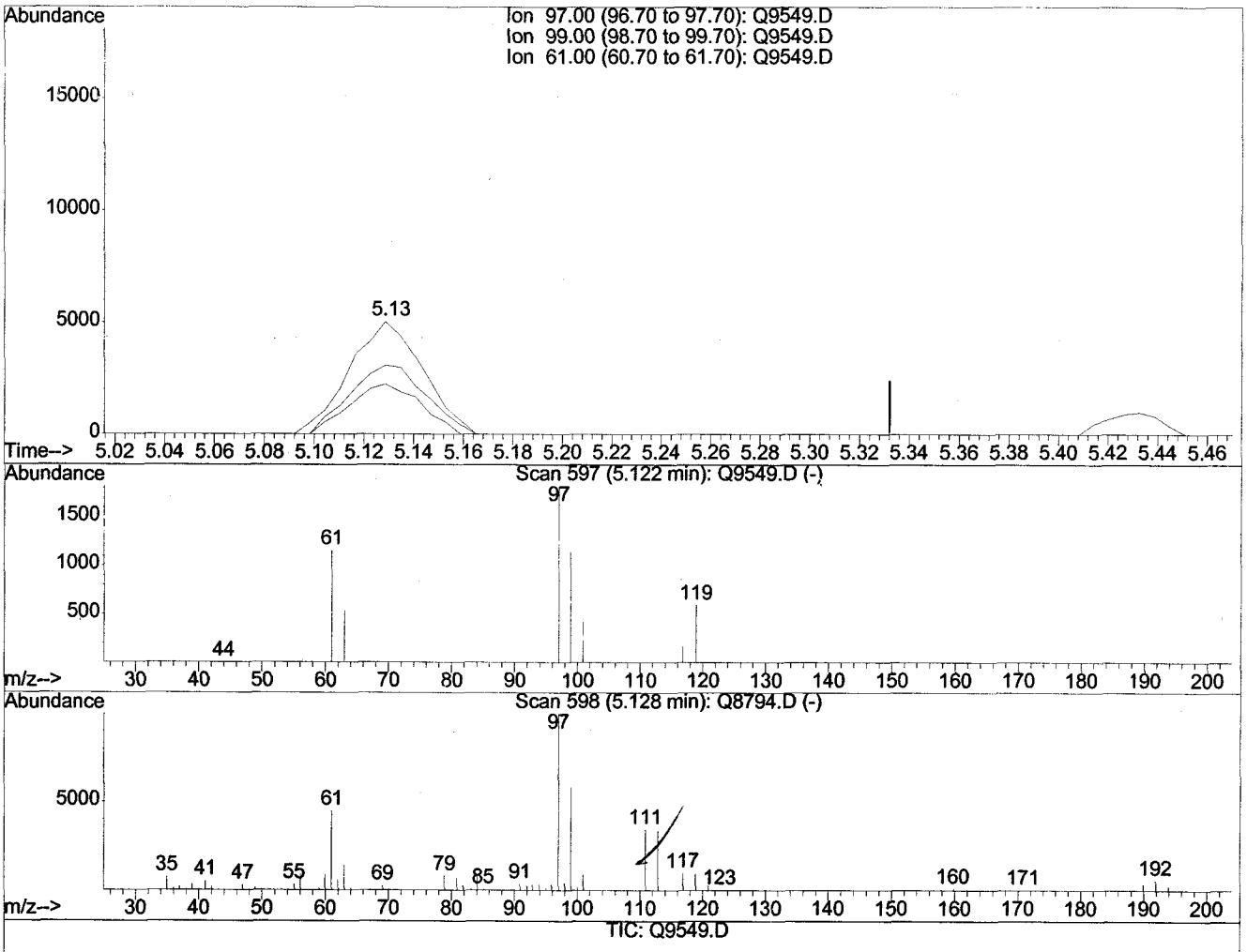
Ion	Ratio	Lower	Upper
97	100		
99	61.0	44.1	84.1
61	44.5	28.0	68.0



Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\122705\Q9549.D Vial: 32
Acq On : 27 Dec 2005 22:43 Operator: TLC
Sample : A5E58714 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 28 12:12 2005 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\Q8260\A5I02444.M (RTE Integrator)
Title : 8260 5ML
Last Update : Wed Dec 28 08:38:57 2005
Response via : Multiple Level Calibration

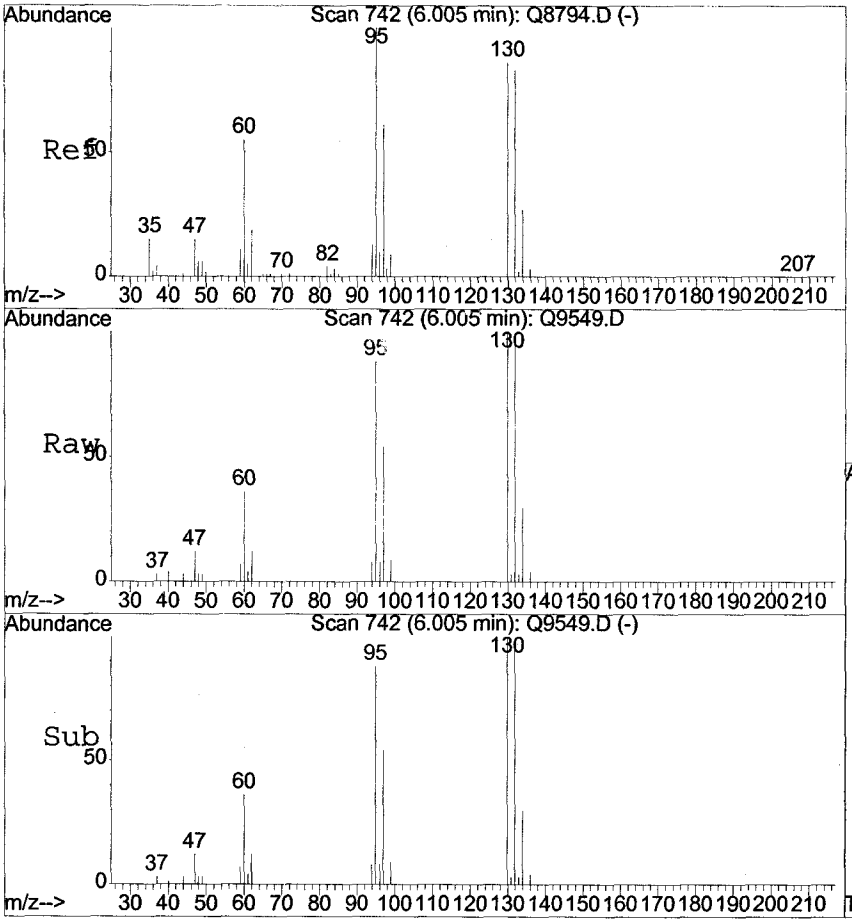


(27) C115 1,1,1-Trichloroethane (T)

5.13min 11.39ng

response 10331

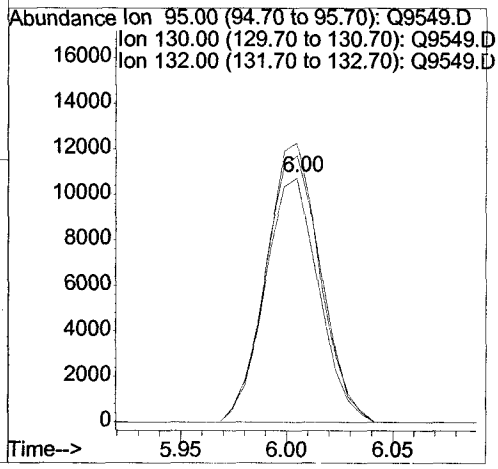
Ion	Exp%	Act%
97.00	100	100
99.00	64.10	61.03
61.00	48.00	44.49
0.00	0.00	0.00

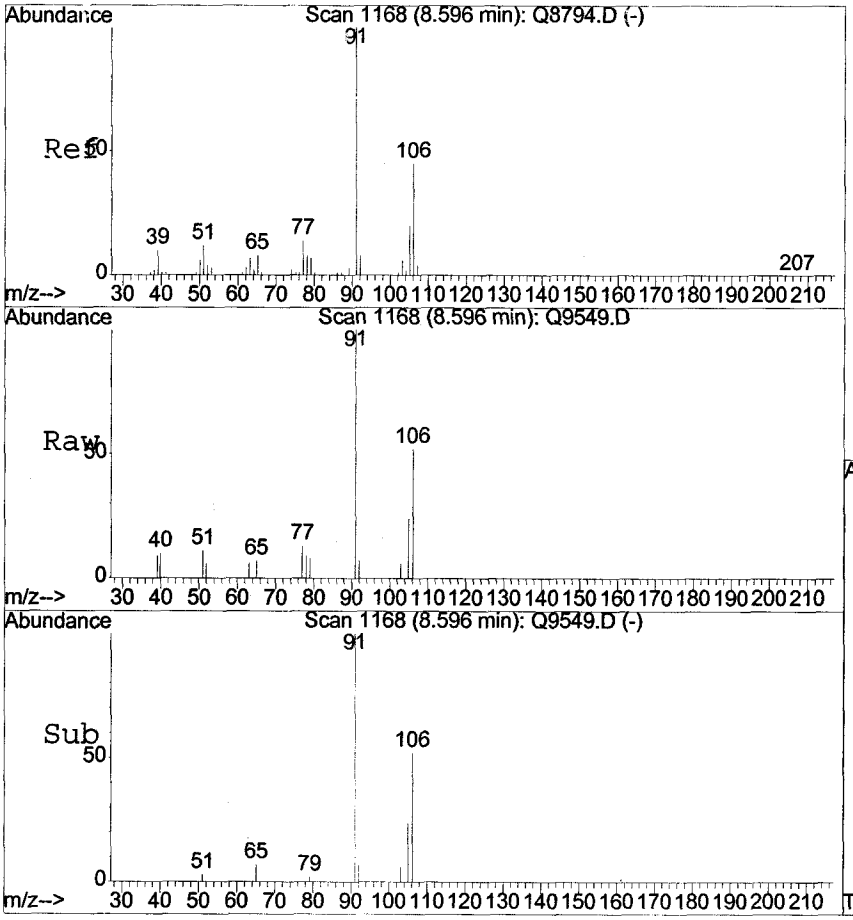


#36
C150 Trichloroethene
Concen: 28.07 ng
RT: 6.00 min Scan# 742
Delta R.T. 0.00 min
Lab File: Q9549.D
Acq: 27 Dec 2005 22:43

Tgt Ion: 95 Resp: 19030

Ion	Ratio	Lower	Upper
95	100		
130	114.3	68.8	108.8#
132	109.1	63.4	103.4#

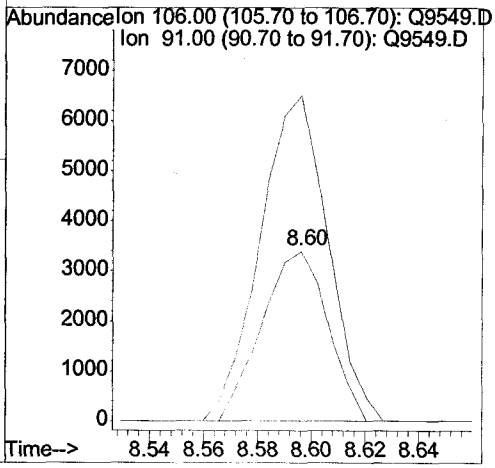


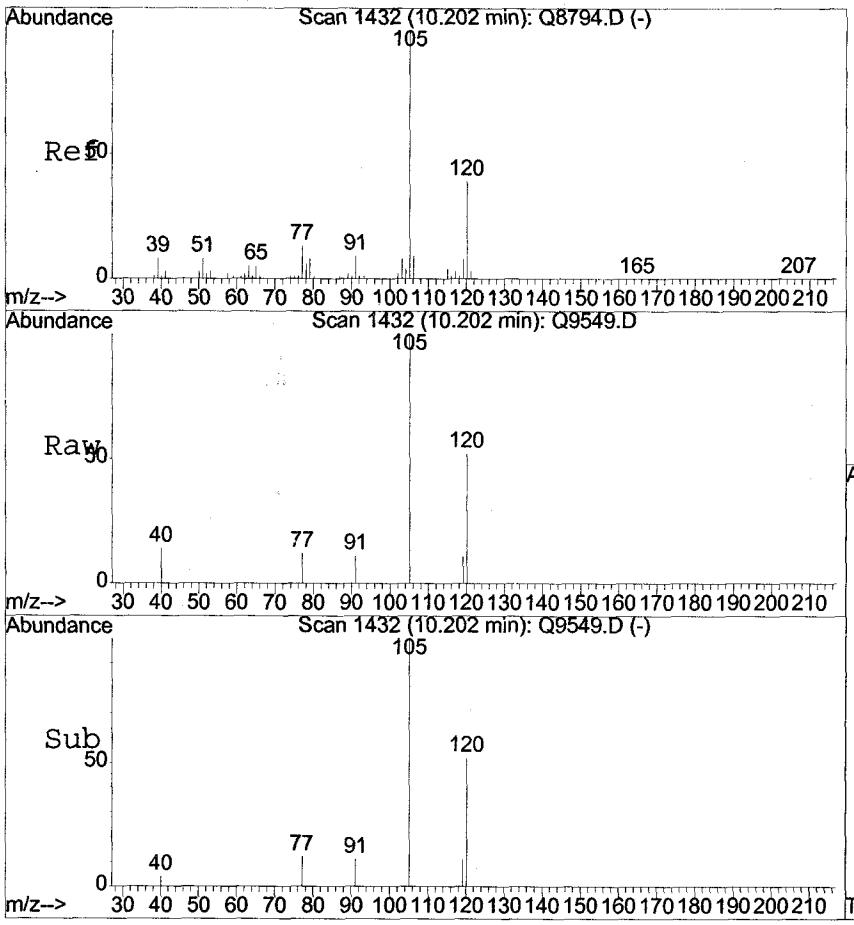


#58
C246 m,p-Xylene
Concen: 4.60 ng
RT: 8.60 min Scan# 1168
Delta R.T. 0.00 min
Lab File: Q9549.D
Acq: 27 Dec 2005 22:43

Tgt Ion:106 Resp: 5822

Ion	Ratio	Lower	Upper
106	100		
91	191.8	191.5	231.5

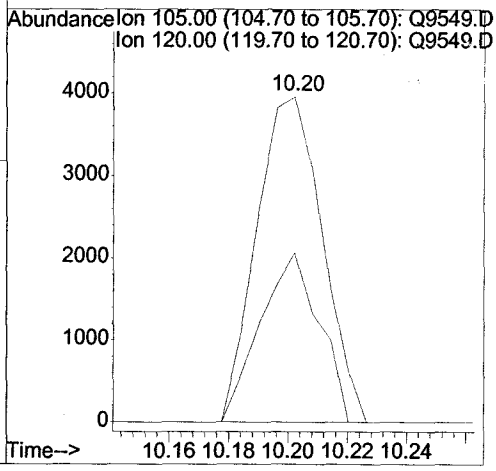




#74
C307 1,2,4-Trimethylbenzene
Concen: 2.47 ng
RT: 10.20 min Scan# 1432
Delta R.T. 0.00 min
Lab File: Q9549.D
Acq: 27 Dec 2005 22:43

Tgt Ion:105 Resp: 6087

Ion	Ratio	Lower	Upper
105	100		
120	52.2	24.2	64.2



METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.

MW-17

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A5E58702

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: S9696.RR

Level: (low/med) LOW Date Samp/Recv: 12/20/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/28/2005

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 4.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	20	U
71-43-2	Benzene	4.0	U
75-27-4	Bromodichloromethane	4.0	U
75-25-2	Bromoform	4.0	U
74-83-9	Bromomethane	4.0	U
78-93-3	2-Butanone	20	U
75-15-0	Carbon Disulfide	4.0	U
56-23-5	Carbon Tetrachloride	4.0	U
108-90-7	Chlorobenzene	4.0	U
75-00-3	Chloroethane	4.0	U
67-66-3	Chloroform	4.0	U
74-87-3	Chloromethane	4.0	U
110-82-7	Cyclohexane	4.0	U
106-93-4	1,2-Dibromoethane	4.0	U
124-48-1	Dibromochloromethane	4.0	U
96-12-8	1,2-Dibromo-3-chloropropane	4.0	U
95-50-1	1,2-Dichlorobenzene	4.0	U
541-73-1	1,3-Dichlorobenzene	4.0	U
106-46-7	1,4-Dichlorobenzene	4.0	U
75-71-8	Dichlorodifluoromethane	4.0	U
75-34-3	1,1-Dichloroethane	4.0	U
107-06-2	1,2-Dichloroethane	4.0	U
75-35-4	1,1-Dichloroethene	4.0	U
156-59-2	cis-1,2-Dichloroethene	400	
156-60-5	trans-1,2-Dichloroethene	4.0	U
78-87-5	1,2-Dichloropropane	4.0	U
10061-01-5	cis-1,3-Dichloropropene	4.0	U
10061-02-6	trans-1,3-Dichloropropene	4.0	U
100-41-4	Ethylbenzene	4.0	U
591-78-6	2-Hexanone	20	U
98-82-8	Isopropylbenzene	4.0	U
79-20-9	Methyl acetate	4.0	U
108-87-2	Methylcyclohexane	4.0	U
75-09-2	Methylene chloride	4.0	U

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.

MW-17

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A5E58702

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: S9696.RR

Level: (low/med) LOW Date Samp/Recv: 12/20/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/28/2005

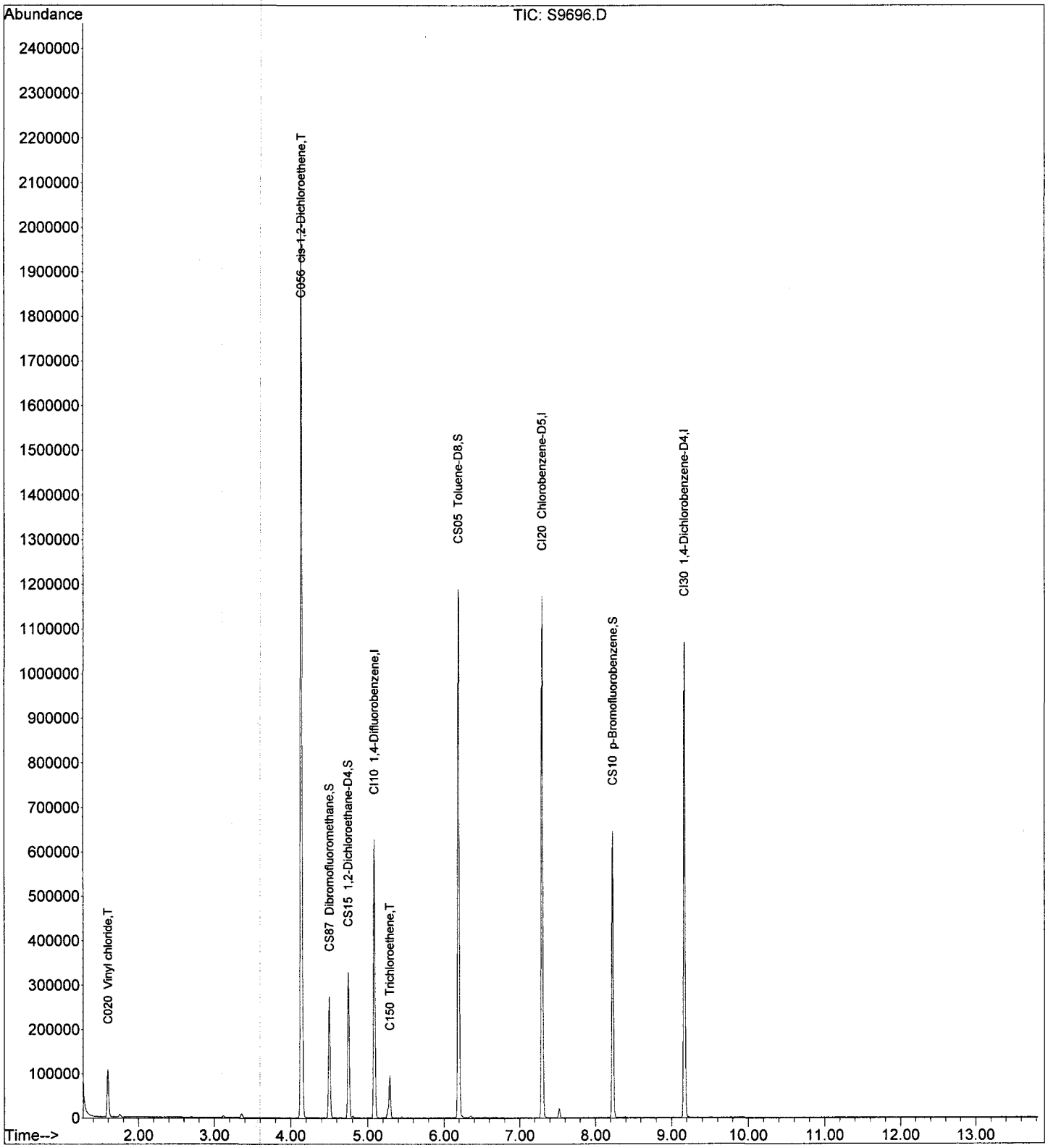
GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 4.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	20	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	4.0	U
91-20-3	Naphthalene	4.0	U
100-42-5	Styrene	4.0	U
79-34-5	1,1,2,2-Tetrachloroethane	4.0	U
127-18-4	Tetrachloroethene	4.0	U
108-88-3	Toluene	4.0	U
120-82-1	1,2,4-Trichlorobenzene	4.0	U
71-55-6	1,1,1-Trichloroethane	4.0	U
79-00-5	1,1,2-Trichloroethane	4.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	4.0	U
75-69-4	Trichlorofluoromethane	4.0	U
79-01-6	Trichloroethene	15	
75-01-4	Vinyl chloride	61	
1330-20-7	Total Xylenes	12	U

Data File : D:\DATA\122805\S9696.D Vial: 7
Acq On : 28 Dec 2005 10:56 Operator: LH
Sample : A5E58702 DF4 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Dec 28 12:20:14 2005 Results File: A5I0002442_E2.RES
Quant Method : C:\MSDCHEM\1...\A5I0002442_E2.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Dec 28 09:45:03 2005
Response via : Initial Calibration
DataAcq Meth : VOA



Data File : D:\DATA\122805\S9696.D Vial: 7
Acq On : 28 Dec 2005 10:56 Operator: LH
Sample : A5E58702 DF4 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 28 12:20:14 2005 Results File: A5I0002442_E2.RES

Quant Method : C:\MSDCHEM\1...\A5I0002442_E2.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Dec 28 09:45:03 2005
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\DATA\122805\S9691.D (28 Dec 2005 8:52)

SK 12/28/05 TC

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.09	114	374495	125.00	ng	0.00 95.48%
43) CI20	Chlorobenzene-D5	7.30	117	530612	125.00	ng	0.00 95.16%
62) CI30	1,4-Dichlorobenzene-	9.17	152	242129	125.00	ng	0.00 83.30%
System Monitoring Compounds							
30) CS87	Dibromofluoromethane	4.50	111	141395	133.77	ng	0.00
Spiked Amount	125.000	Range	70 - 130	Recovery	=	107.02%	
31) CS15	1,2-Dichloroethane-D	4.75	65	153092	132.71	ng	0.00
Spiked Amount	125.000	Range	73 - 136	Recovery	=	106.17%	
44) CS05	Toluene-D8	6.19	98	629603	119.78	ng	0.00
Spiked Amount	125.000	Range	77 - 122	Recovery	=	95.82%	
61) CS10	p-Bromofluorobenzene	8.23	174	126394	105.90	ng	0.00
Spiked Amount	125.000	Range	74 - 120	Recovery	=	84.72%	
Target Compounds							Qvalue
2) C290	Dichlorodifluorome	0.00	85	0	N.D.		
3) C010	Chloromethane	0.00	50	0	N.D.		
4) C020	Vinyl chloride	1.60	62	96373	76.80	ng	98
5) C015	Bromomethane	0.00	94	0	N.D.		
6) C025	Chloroethane	0.00	64	0	N.D.		
7) C275	Trichlorofluoromet	0.00	101	0	N.D.		
8) C045	1,1-Dichloroethene	2.70	96	574	N.D.		
9) C030	Methylene chloride	3.12	84	1428	N.D.		
10) C040	Carbon disulfide	2.87	76	765	N.D.		
11) C036	Acrolein	0.00	56	0	N.D.		
12) C038	Acrylonitrile	0.00	53	0	N.D.		
13) C035	Acetone	2.75	43	176	N.D.		
14) C300	Acetonitrile	0.00	41	0	N.D.		
15) C276	Iodomethane	0.00	142	0	N.D.		
16) C291	1,1,2 Trichloro-1,	0.00	101	0	N.D.		
17) C962	T-butyl Methyl Eth	3.37	73	2464	N.D.		
18) C057	trans-1,2-Dichloro	3.35	96	2940	N.D.		
19) C255	Methyl Acetate	0.00	43	0	N.D.		
20) C050	1,1-Dichloroethane	3.69	63	809	N.D.		
21) C125	Vinyl Acetate	0.00	43	0	N.D.		
22) C051	2,2-Dichloropropan	0.00	77	0	N.D.		
23) C056	cis-1,2-Dichloroethe	4.14	96	704404	499.77	ng	92
24) C272	Tetrahydrofuran	0.00	42	0	N.D.		
25) C222	Bromochloromethane	0.00	128	0	N.D.		
26) C060	Chloroform	0.00	83	0	N.D.		
27) C115	1,1,1-Trichloroeth	4.53	97	682	N.D.		
28) C120	Carbon tetrachlori	0.00	117	0	N.D.		
29) C116	1,1-Dichloropropen	0.00	75	0	N.D.		
32) C165	Benzene	4.81	78	2893	N.D.		
33) C065	1,2-Dichloroethane	0.00	62	0	N.D.		
34) C110	2-Butanone	0.00	43	0	N.D.		
35) C256	Cyclohexane	0.00	56	0	N.D.		
36) C150	Trichloroethene	5.29	95	24481	18.47	ng	97
37) C140	1,2-Dichloropropan	0.00	63	0	N.D.		
38) C278	Dibromomethane	0.00	93	0	N.D.		

11/2/06

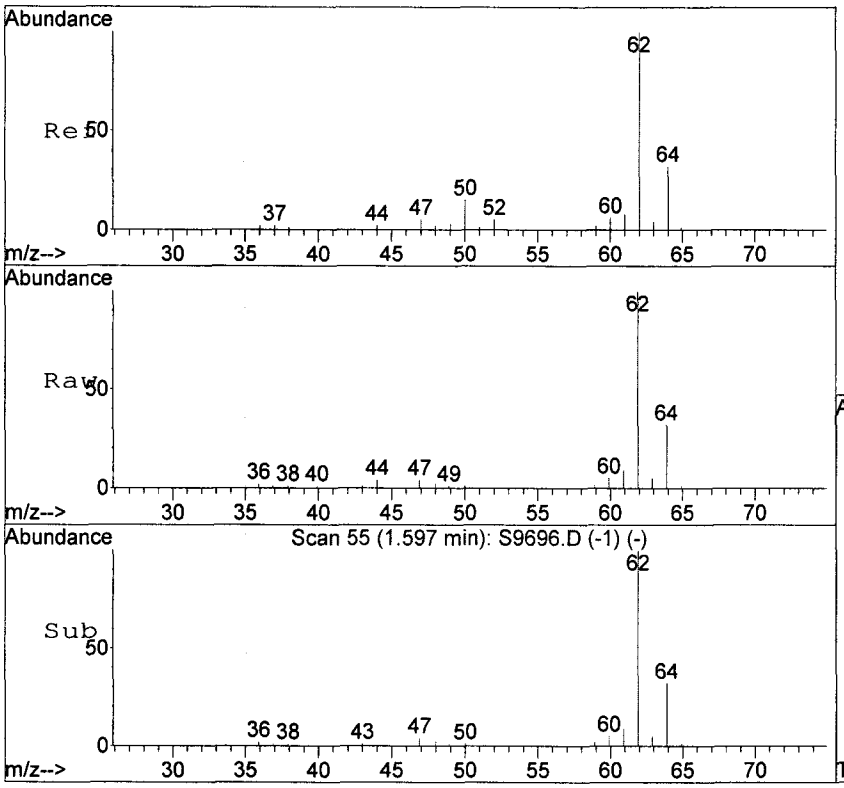
Data File : D:\DATA\122805\S9696.D Vial: 7
Acq On : 28 Dec 2005 10:56 Operator: LH
Sample : A5E58702 DF4 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 28 12:20:14 2005 Results File: A5I0002442_E2.RES

Quant Method : C:\MSDCHEM\1...\A5I0002442_E2.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Dec 28 09:45:03 2005
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\DATA\122805\S9691.D (28 Dec 2005 8:52)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
39) C130	Bromodichlorometha	0.00	83	0	N.D.		
40) C161	2-Chloroethylvinyl	0.00	63	0	N.D.		
41) C012	Methylcycolhexane	0.00	83	0	N.D.		
42) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.		
45) C230	Toluene	6.24	92	459	N.D.		
46) C170	trans-1,3-Dichloro	0.00	75	0	N.D.		
47) C284	Ethyl Methacrylate	0.00	69	0	N.D.		
48) C160	1,1,2-Trichloroeth	0.00	83	0	N.D.		
49) C210	4-Methyl-2-pentano	6.19	43	2668	N.D.		
50) C220	Tetrachloroethene	0.00	166	0	N.D.		
51) C221	1,3-Dichloropropan	0.00	76	0	N.D.		
52) C155	Dibromochlorometha	0.00	129	0	N.D.		
53) C163	1,2-Dibromoethane	0.00	107	0	N.D.		
54) C215	2-Hexanone	0.00	43	0	N.D.		
55) C235	Chlorobenzene	7.32	112	655	N.D.		
56) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.		
57) C240	Ethylbenzene	7.29	91	725	N.D.		
58) C246	m,p-Xylene	0.00	106	0	N.D.		
59) C247	o-Xylene	0.00	106	0	N.D.		
60) C245	Styrene	0.00	104	0	N.D.		
63) C180	Bromoform	0.00	173	0	N.D.		
64) C966	Isopropylbenzene	0.00	105	0	N.D.		
65) C301	Bromobenzene	0.00	156	0	N.D.		
66) C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.		
67) C282	1,2,3-Trichloropro	0.00	110	0	N.D.		
68) C283	t-1,4-Dichloro-2-B	0.00	53	0	N.D.		
69) C302	n-Propylbenzene	0.00	91	0	N.D.		
70) C303	2-Chlorotoluene	0.00	126	0	N.D.		
71) C289	4-Chlorotoluene	0.00	126	0	N.D.		
72) C304	1,3,5-Trimethylben	0.00	105	0	N.D.		
73) C306	tert-Butylbenzene	0.00	134	0	N.D.		
74) C307	1,2,4-Trimethylben	9.02	105	557	N.D.		
75) C308	sec-Butylbenzene	9.02	105	557	N.D.		
76) C260	1,3-Dichlorobenzen	9.18	146	144	N.D.		
77) C309	4-Isopropyltoluene	0.00	119	0	N.D.		
78) C267	1,4-Dichlorobenzen	9.18	146	144	N.D.		
79) C249	1,2-Dichlorobenzen	0.00	146	0	N.D.		
80) C310	n-Butylbenzene	0.00	91	0	N.D.		
81) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.		
82) C313	1,2,4-Trichloroben	0.00	180	0	N.D.		
83) C316	Hexachlorobutadien	0.00	225	0	N.D.		
84) C314	Naphthalene	0.00	128	0	N.D.		
85) C934	1,2,3-Trichloroben	0.00	180	0	N.D.		

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

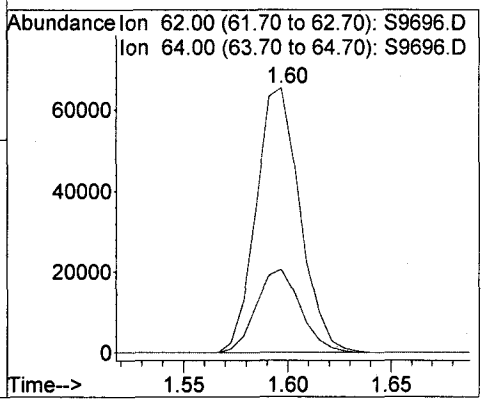
1/12/06

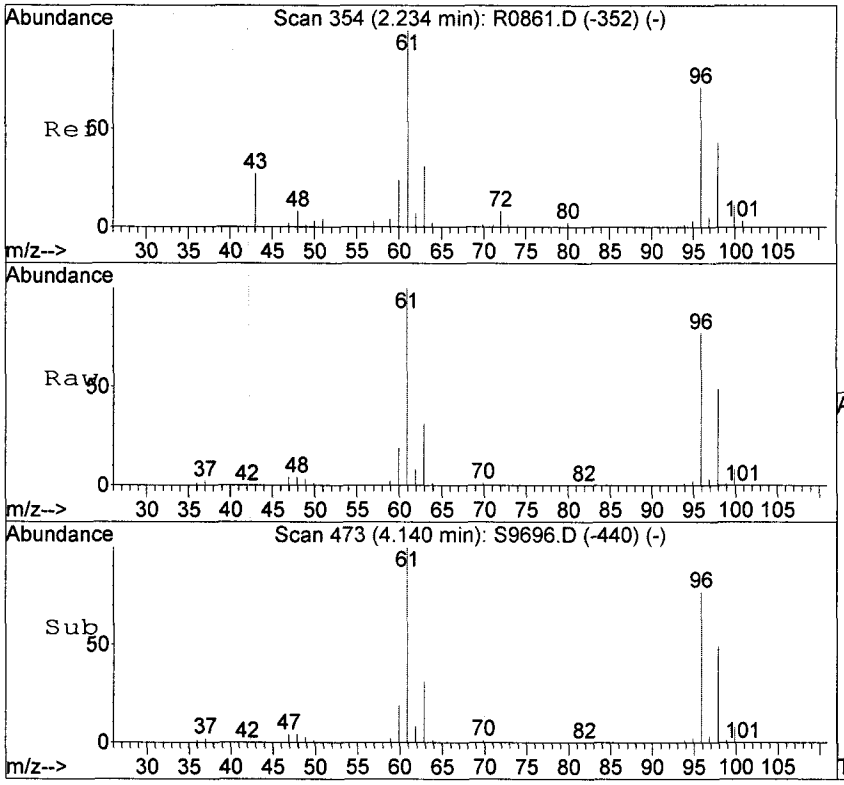


#4
C020 Vinyl chloride
Concen: 76.80 ng
RT: 1.60 min Scan# 55
Delta R.T. -0.00 min
Lab File: S9696.D
Acq: 28 Dec 2005 10:56

Tgt Ion: 62 Resp: 96373

Ion	Ratio	Lower	Upper
62	100		
64	31.5	12.8	52.8

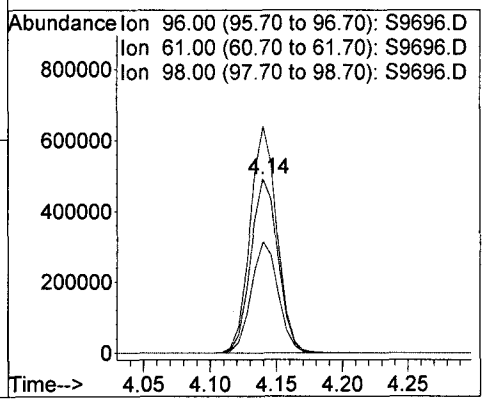


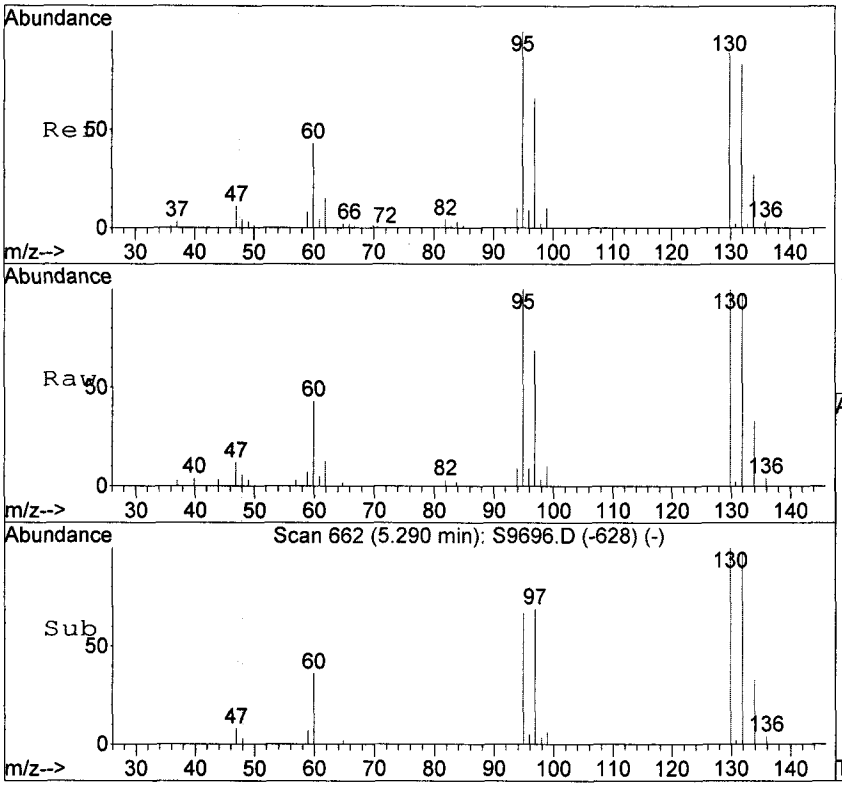


#23
C056 cis-1,2-Dichloroethene
Concen: 499.77 ng
RT: 4.14 min Scan# 473
Delta R.T. -0.00 min
Lab File: S9696.D
Acq: 28 Dec 2005 10:56

Tgt Ion: 96 Resp: 704404

Ion	Ratio	Lower	Upper
96	100		
61	129.8	124.0	164.0
98	63.6	44.3	84.3

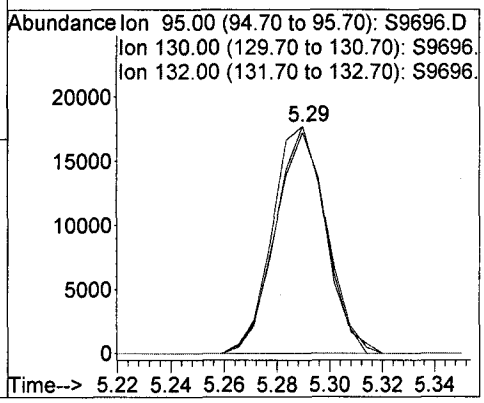




#36
C150 Trichloroethene
Concen: 18.47 ng
RT: 5.29 min Scan# 662
Delta R.T. 0.01 min
Lab File: S9696.D
Acq: 28 Dec 2005 10:56

Tgt Ion: 95 Resp: 24481

Ion	Ratio	Lower	Upper
95	100		
130	100.0	84.6	124.6
132	97.2	79.5	119.5



METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.: MW-2

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A5E58701

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G7639.RR

Level: (low/med) LOW Date Samp/Recv: 12/20/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/28/2005

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	5.0	U
71-43-2	Benzene	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon Disulfide	1.0	U
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	1.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	1.0	U
110-82-7	Cyclohexane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U
75-34-3	1,1-Dichloroethane	1.5	
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-59-2	cis-1,2-Dichloroethene	3.2	
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
98-82-8	Isopropylbenzene	1.0	U
79-20-9	Methyl acetate	1.0	U
108-87-2	Methylcyclohexane	1.0	U
75-09-2	Methylene chloride	1.0	U

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.

MW-2

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A5E58701

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G7639.RR

Level: (low/med) LOW Date Samp/Recv: 12/20/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/28/2005

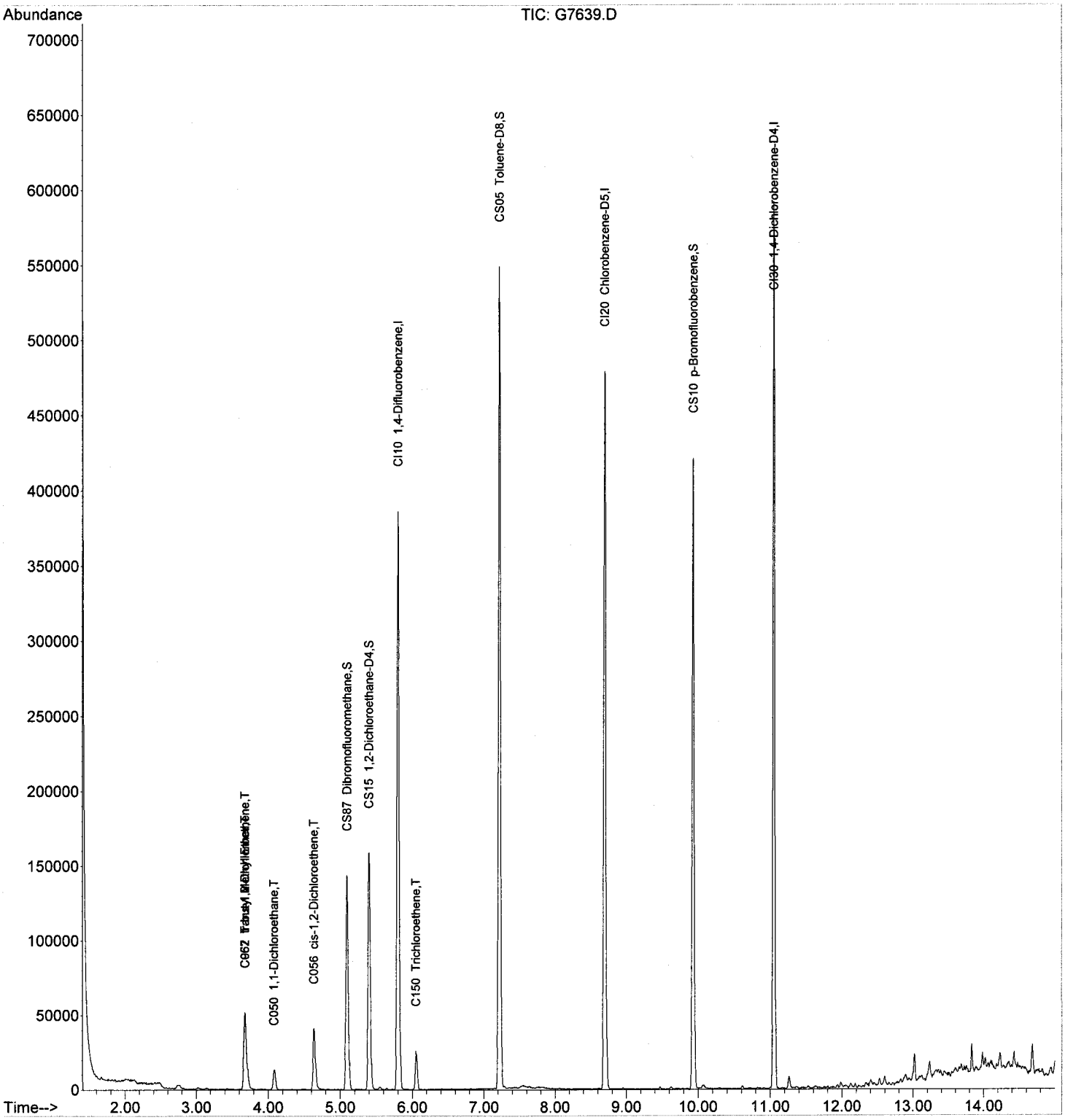
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	5.0	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	3.2	
91-20-3	Naphthalene	1.0	U
100-42-5	Styrene	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
79-01-6	Trichloroethene	1.5	
75-01-4	Vinyl chloride	1.0	U
1330-20-7	Total Xylenes	3.0	U

Data File: C:\MSDCHEM\1\DATA\122705\G7639.D
Acq On : 28 Dec 2005 5:57
Sample : A5E58701
Misc :
Integrator: RTE
Quant Time: Dec 28 08:03:32 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 27 21:28:27 2005
Response via : Initial Calibration
Data Path : C:\MSDCHEM\1\DATA\122705\
Operator : TLC



Data File: C:\MSDCHEM\1\DATA\122705\G7639.D
Acq On : 28 Dec 2005 5:57
Sample : A5E58701
Misc :
Integrator: RTE
Quant Time: Dec 28 08:03:32 2005

STE TRB 12/28/05

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 27 21:28:27 2005
Response via : Initial Calibration
Data Path : C:\MSDCHEM\1\DATA\122705\
Operator : TLC

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.80	114	341239	125.00	ng	0.00 97.62%
43) CI20	Chlorobenzene-D5	8.70	82	169364	125.00	ng	0.00 95.38%
63) CI30	1,4-Dichlorobenzene-	11.06	152	159128	125.00	ng	0.00 93.17%
System Monitoring Compounds							
26) CS87	Dibromofluoromethane	5.10	111	97775	114.47	NG	0.00
Spiked Amount	125.000	Range	70 - 130		Recovery =		91.58%
31) CS15	1,2-Dichloroethane-D	5.40	65	127142	115.74	ng	0.00
Spiked Amount	125.000	Range	73 - 136		Recovery =		92.59%
44) CS05	Toluene-D8	7.22	98	404987	118.58	ng	0.00
Spiked Amount	125.000	Range	77 - 122		Recovery =		94.86%
62) CS10	p-Bromofluorobenzene	9.94	174	123680	117.87	ng	0.00
Spiked Amount	125.000	Range	74 - 120		Recovery =		94.30%
Target Compounds							Qvalue
2) C290	Dichlorodifluorome	0.00	85	0	N.D.		
3) C010	Chloromethane	1.59	50	555	N.D.		
4) C020	Vinyl chloride	1.73	62	631	N.D.		
5) C015	Bromomethane	0.00	94	0	N.D.		
6) C025	Chloroethane	2.16	64	289	N.D.		
7) C275	Trichlorofluoromet	0.00	101	0	N.D.		
8) C045	1,1-Dichloroethene	0.00	96	0	N.D.		
9) C030	Methylene chloride	3.43	84	263	N.D.		
10) C040	Carbon disulfide	3.14	76	1291	N.D.		
11) C036	Acrolein	0.00	56	0	N.D.		
12) C038	Acrylonitrile	3.69	53	634	N.D.		
13) C035	Acetone	3.03	43	2136	N.D.		
14) C300	Acetonitrile	3.32	41	145	N.D.		
15) C276	Iodomethane	0.00	142	0	N.D.		
16) C291	1,1,2-Trichloro-1,	0.00	101	0	N.D.		
17) C962	T-butyl Methyl Ether	3.68	73	58221	16.11	ng	92
~~18) C057~~	~~trans-1,2-Dichloroet~~	~~3.68~~	~~96~~	~~4585~~	~~4.07~~	~~ng~~	~~# 46~~
19) C255	Methyl Acetate	0.00	43	0	N.D.		
20) C050	1,1-Dichloroethane	4.08	63	16255	7.59	ng	94
21) C125	Vinyl Acetate	0.00	43	0	N.D.		
22) C051	2,2-Dichloropropan	0.00	77	0	N.D.		
23) C056	cis-1,2-Dichloroethe	4.64	96	20121	16.07	ng	93
24) C272	Tetrahydrofuran	0.00	42	0	N.D.		
25) C222	Bromochloromethane	0.00	128	0	N.D.		
27) C060	Chloroform	0.00	83	0	N.D.		
28) C115	1,1,1-Trichloroeth	5.11	97	2086	N.D.		
29) C120	Carbon tetrachlori	0.00	117	0	N.D.		
30) C116	1,1-Dichloropropen	0.00	75	0	N.D.		
32) C165	Benzene	5.44	78	470	N.D.		
33) C065	1,2-Dichloroethane	5.49	62	137	N.D.		
34) C110	2-Butanone	4.68	43	627	N.D.		
35) C256	Cyclohexane	0.00	56	0	N.D.		
36) C150	Trichloroethene	6.05	95	9326	7.73	ng	92

mrp 1/12/06

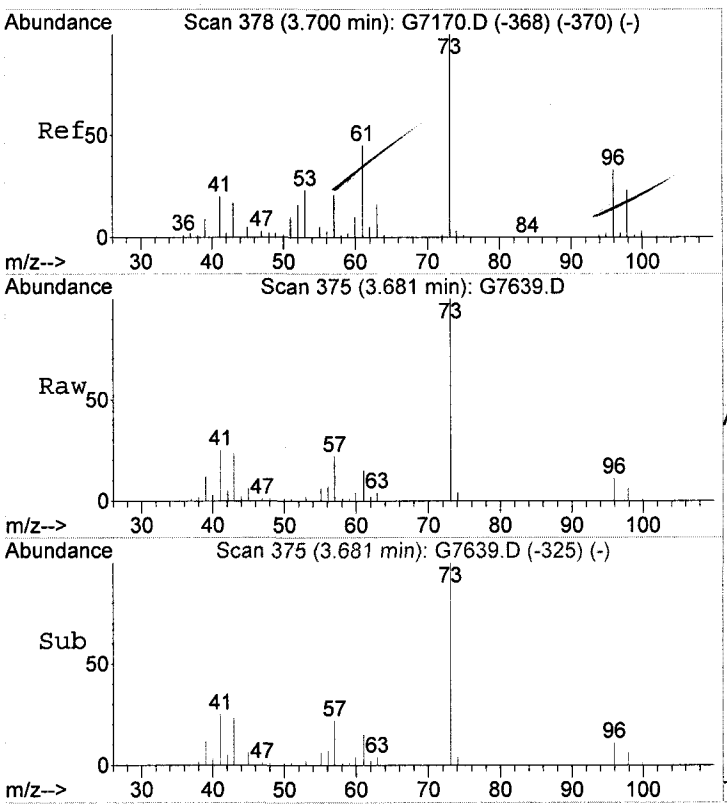
Data File: C:\MSDCHEM\1\DATA\122705\G7639.D
Acq On : 28 Dec 2005 5:57
Sample : A5E58701
Misc :
Integrator: RTE
Quant Time: Dec 28 08:03:32 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 27 21:28:27 2005
Response via : Initial Calibration
Data Path : C:\MSDCHEM\1\DATA\122705\
Operator : TLC

Internal Standards		R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
37) C140	1,2-Dichloropropan	0.00	63	0	N.D.	
38) C278	Dibromomethane	0.00	93	0	N.D.	
39) C130	Bromodichlorometha	0.00	83	0	N.D.	
40) C161	2-Chloroethylvinyl	0.00	63	0	N.D.	
41) C012	Methylcyclohexane	0.00	83	0	N.D.	
42) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.	
45) C230	Toluene	7.28	92	384	N.D.	
46) C170	trans-1,3-Dichloro	0.00	75	0	N.D.	
47) C284	Ethyl Methacrylate	0.00	69	0	N.D.	
48) C160	1,1,2-Trichloroeth	0.00	83	0	N.D.	
49) C210	4-Methyl-2-pentano	7.22	43	1810	N.D.	
50) C220	Tetrachloroethene	7.83	166	135	N.D.	
51) C221	1,3-Dichloropropan	0.00	76	0	N.D.	
52) C155	Dibromochlorometha	0.00	129	0	N.D.	
53) C163	1,2-Dibromoethane	0.00	107	0	N.D.	
54) C215	2-Hexanone	0.00	43	0	N.D.	
55) C235	Chlorobenzene	0.00	112	0	N.D.	
56) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.	
57) C240	Ethylbenzene	8.84	91	57	N.D.	
58) C246	m,p-Xylene	0.00	106	0	N.D.	
59) C247	o-Xylene	0.00	106	0	N.D.	
60) C245	Styrene	0.00	104	0	N.D.	
61) C180	Bromoform	0.00	173	0	N.D.	
64) C966	Isopropylbenzene	0.00	105	0	N.D.	
65) C301	Bromobenzene	0.00	156	0	N.D.	
66) C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.	
67) C282	1,2,3-Trichloropro	0.00	110	0	N.D.	
68) C283	t-1,4-Dichloro-2-B	0.00	51	0	N.D.	
69) C302	n-Propylbenzene	9.93	91	459	N.D.	
70) C303	2-Chlorotoluene	0.00	126	0	N.D.	
71) C289	4-Chlorotoluene	0.00	126	0	N.D.	
72) C304	1,3,5-Trimethylben	0.00	105	0	N.D.	
73) C306	tert-Butylbenzene	0.00	134	0	N.D.	
74) C307	1,2,4-Trimethylben	10.72	105	129	N.D.	
75) C308	sec-Butylbenzene	10.72	105	129	N.D.	
76) C260	1,3-Dichlorobenzen	0.00	146	0	N.D.	
77) C309	4-Isopropyltoluene	11.00	119	319	N.D.	
78) C267	1,4-Dichlorobenzen	0.00	146	0	N.D.	
79) C249	1,2-Dichlorobenzen	0.00	146	0	N.D.	
80) C310	n-Butylbenzene	0.00	91	0	N.D.	
81) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.	
82) C313	1,2,4-Trichloroben	0.00	180	0	N.D.	
83) C316	Hexachlorobutadien	0.00	225	0	N.D.	
84) C314	Naphthalene	13.02	128	1830	N.D.	
85) C934	1,2,3-Trichloroben	13.45	180	88	N.D.	

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

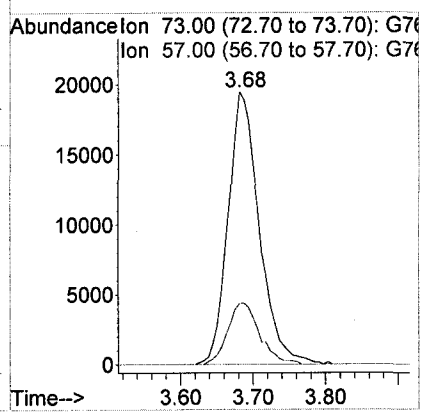
1/12/06

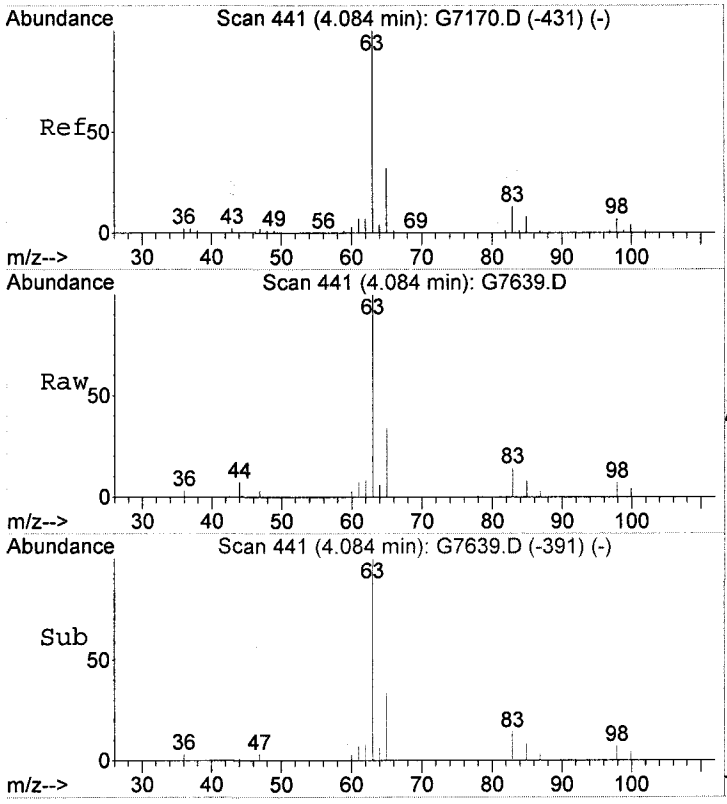


#17
C962 T-butyl Methyl Ether
Concen: 16.11 ng
RT: 3.68 min Scan# 375
Delta R.T. 0.01 min
Lab File: G7639.D
Acq: 28 Dec 2005 5:57

Tgt Ion: 73 Resp: 58221

Ion	Ratio	Lower	Upper
73	100		
57	23.2	0.0	57.5

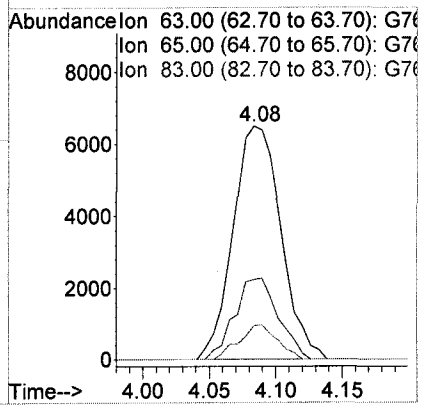


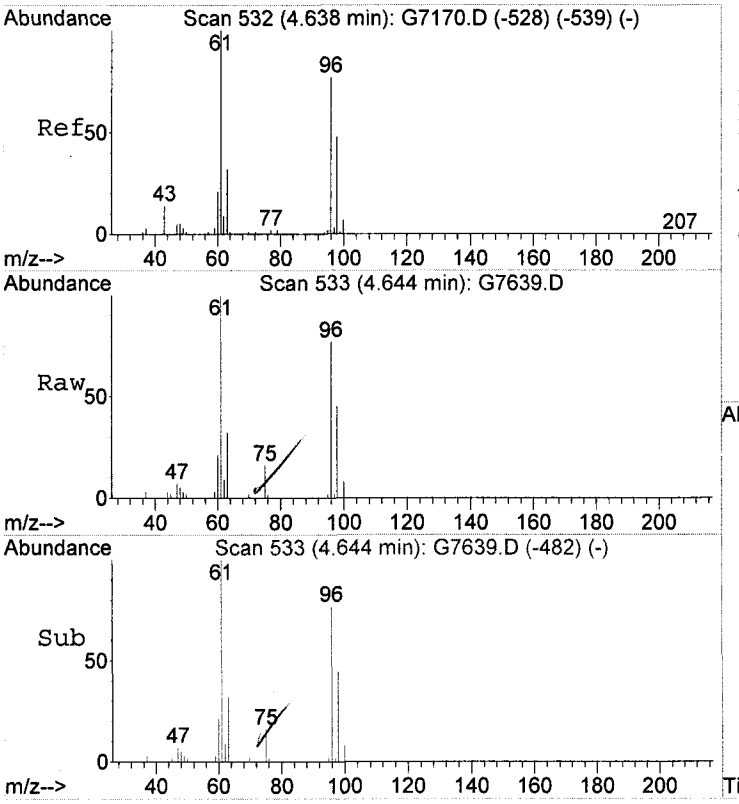


#20
C050 1,1-Dichloroethane
Concen: 7.59 ng
RT: 4.08 min Scan# 441
Delta R.T. 0.01 min
Lab File: G7639.D
Acq: 28 Dec 2005 5:57

Tgt Ion: 63 Resp: 16255

Ion	Ratio	Lower	Upper
63	100		
65	34.3	1.6	61.6
83	14.4	0.0	40.8

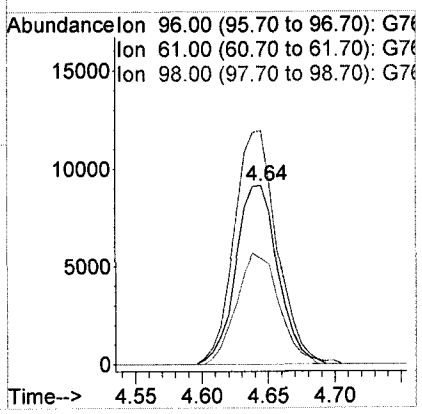


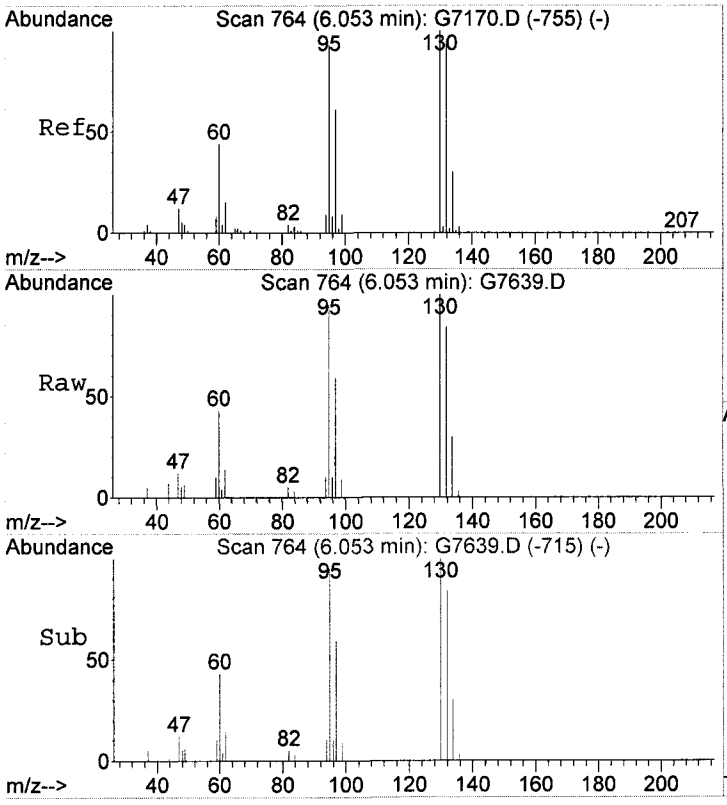


#23
C056 cis-1,2-Dichloroethene
Concen: 16.07 ng
RT: 4.64 min Scan# 533
Delta R.T. 0.01 min
Lab File: G7639.D
Acq: 28 Dec 2005 5:57

Tgt Ion: 96 Resp: 20121

Ion	Ratio	Lower	Upper
96	100		
61	130.4	107.7	167.7
98	59.0	36.9	96.9

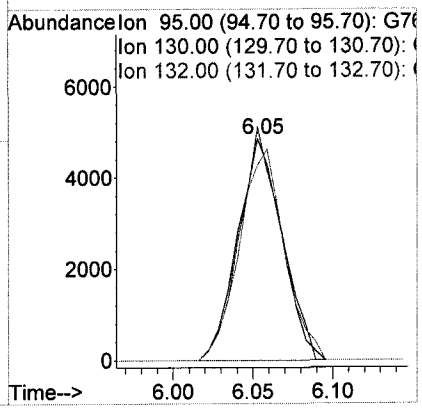




#36
C150 Trichloroethene
Concen: 7.73 ng
RT: 6.05 min Scan# 764
Delta R.T. -0.00 min
Lab File: G7639.D
Acq: 28 Dec 2005 5:57

Tgt Ion: 95 Resp: 9326

Ion	Ratio	Lower	Upper
95	100		
130	105.2	63.6	123.6
132	88.0	62.6	122.6



METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.: MW-20

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A5E58719

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q9554.RR

Level: (low/med) LOW Date Samp/Recv: 12/21/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/28/2005

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	5.0	U
71-43-2	Benzene	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon Disulfide	1.0	U
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	1.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	1.0	U
110-82-7	Cyclohexane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U
75-34-3	1,1-Dichloroethane	1.7	
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-59-2	cis-1,2-Dichloroethene	5.2	
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
98-82-8	Isopropylbenzene	1.0	U
79-20-9	Methyl acetate	1.0	U
108-87-2	Methylcyclohexane	1.0	U
75-09-2	Methylene chloride	1.0	U

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.

MW-20

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A5E58719

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q9554.RR

Level: (low/med) LOW Date Samp/Recv: 12/21/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/28/2005

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

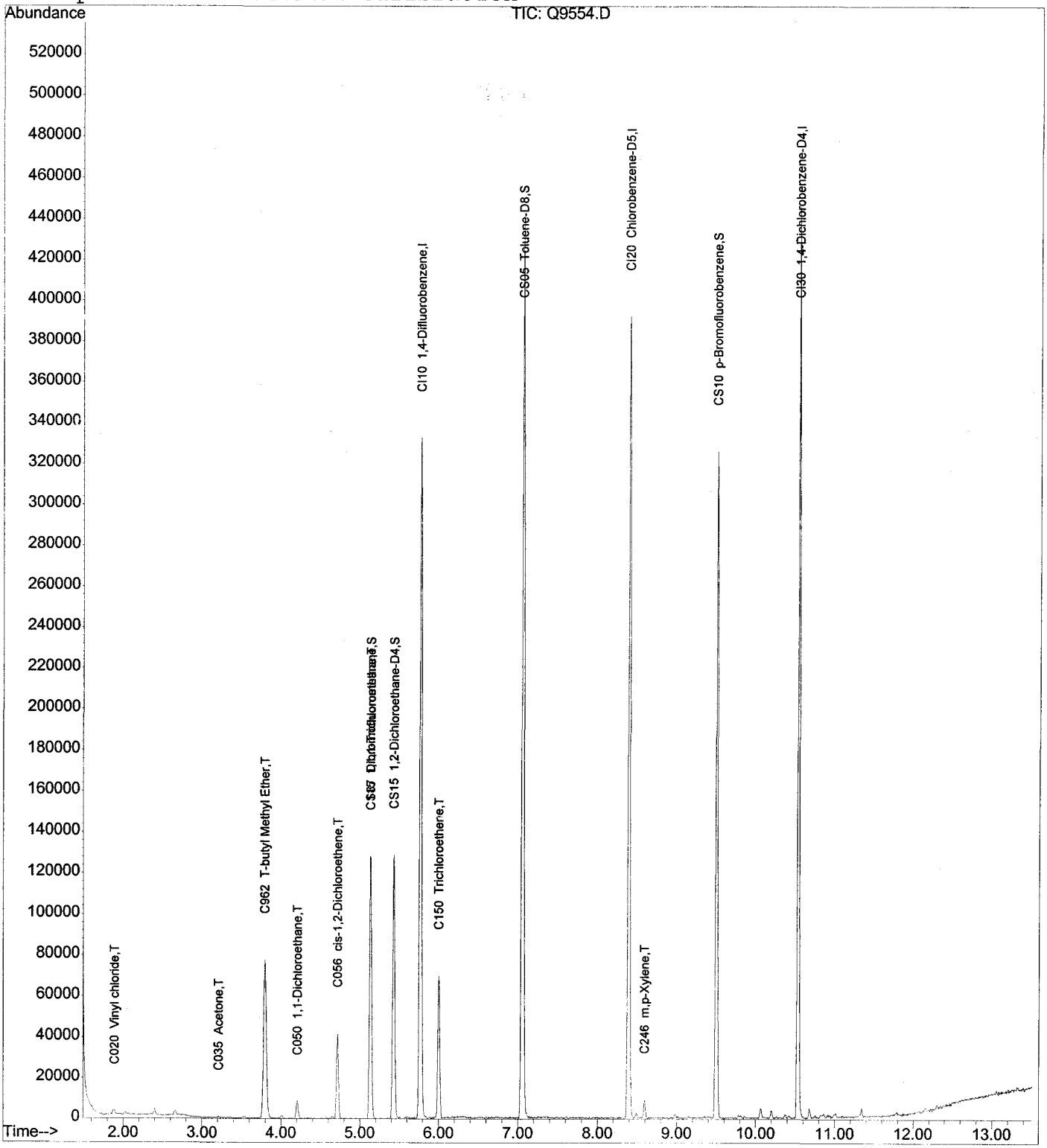
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	5.0	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	8.5	
91-20-3	Naphthalene	1.0	U
100-42-5	Styrene	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
71-55-6	1,1,1-Trichloroethane	2.4	
79-00-5	1,1,2-Trichloroethane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
79-01-6	Trichloroethene	6.4	
75-01-4	Vinyl chloride	0.47	J
1330-20-7	Total Xylenes	3.0	U

Quantitation Report

Data File : C:\HPCHEM\1\DATA\122705\Q9554.D Vial: 37
Acq On : 28 Dec 2005 1:05 Operator: TLC
Sample : A5E58719 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 28 8:44 2005 Quant Results File: A5I02444.RES

Method : C:\HPCHEM\1\METHODS\Q8260\A5I02444.M (RTE Integrator)
Title : 8260 5ML
Last Update : Wed Dec 28 08:38:57 2005
Response via : Initial Calibration



Quantitation Report STL Buffalo

Data File : C:\HPCHEM\1\DATA\122705\Q9554.D Vial: 37
Acq On : 28 Dec 2005 1:05 Operator: TLC
Sample : A5E58719 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 28 8:44 2005 Quant Results File: A5I02444.RES

Quant Method : C:\HPCHEM\1...\A5I02444.M (RTE Integrator)
Title : 8260 5ML
Last Update : Wed Dec 28 08:38:57 2005
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : C:\HPCHEM\1\DATA\122705\Q9545.D (27 Dec 2005 20:40)

12/28/06 tx

Internal Standards		R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.77	114	275423	125.00 ng	0.00 95.57%
43) CI20	Chlorobenzene-D5	8.39	117	244192	125.00 ng	0.00 96.81%
62) CI30	1,4-Dichlorobenzene-	10.53	152	117109	125.00 ng	0.00 92.90%
System Monitoring Compounds						
30) CS87	Dibromofluoromethane	5.14	111	74261	123.90 ng	0.00
Spiked Amount	125.000	Range	70 - 130	Recovery =	99.12%	
31) CS15	1,2-Dichloroethane-D	5.43	65	83532	119.87 ng	0.00
Spiked Amount	125.000	Range	72 - 143	Recovery =	95.90%	
44) CS05	Toluene-D8	7.05	98	296623	122.96 ng	0.00
Spiked Amount	125.000	Range	76 - 116	Recovery =	98.37%	
61) CS10	p-Bromofluorobenzene	9.50	174	99244	127.68 ng	0.00
Spiked Amount	125.000	Range	73 - 117	Recovery =	102.14%	
Target Compounds						Qvalue
2) C290	Dichlorodifluorometh	0.00	85	0	N.D.	
3) C010	Chloromethane	0.00	50	0	N.D.	
4) C020	Vinyl chloride	1.90	62	1402	2.35 ng	89
5) C015	Bromomethane	0.00	94	0	N.D.	
6) C025	Chloroethane	0.00	64	0	N.D.	
7) C275	Trichlorofluorometha	0.00	101	0	N.D.	
8) C045	1,1-Dichloroethene	0.00	96	0	N.D.	
9) C030	Methylene chloride	0.00	84	0	N.D.	
10) C040	Carbon disulfide	0.00	76	0	N.D.	
11) C036	Acrolein	0.00	56	0	N.D.	
12) C038	Acrylonitrile	3.79	53	562	N.D.	
13) C035	Acetone	3.21	43	680	2.54 ng	# 44
14) C300	Acetonitrile	0.00	41	0	N.D.	
15) C276	Iodomethane	0.00	142	0	N.D.	
16) C291	1,1,2 Trichloro-1,2,	0.00	101	0	N.D.	
17) C962	T-butyl Methyl Ether	3.79	73	90377	42.63 ng	98
18) C057	trans-1,2-Dichloroet	3.81	96	496	N.D.	
19) C255	Methyl Acetate	3.53	43	960	N.D.	
20) C050	1,1-Dichloroethane	4.20	63	10430	8.57 ng	96
21) C125	Vinyl Acetate	0.00	43	0	N.D.	
22) C051	2,2-Dichloropropane	0.00	77	0	N.D.	

1/9/06

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

Quantitation Report STL Buffalo

Data File : C:\HPCHEM\1\DATA\122705\Q9554.D Vial: 37
Acq On : 28 Dec 2005 1:05 Operator: TLC
Sample : A5E58719 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 28 8:44 2005 Quant Results File: A5I02444.RES

Quant Method : C:\HPCHEM\1...\A5I02444.M (RTE Integrator)
Title : 8260 5ML
Last Update : Wed Dec 28 08:38:57 2005
Response via : Initial Calibration
DataAcq Meth : VOA

	Compound		R.T.	QIon	Response	Conc Unit		Qvalue
23)	C056	cis-1,2-Dichloroethe	4.72	96	18411	25.99 ng	#	85
24)	C272	Tetrahydrofuran	0.00	42	0	N.D.		
25)	C222	Bromochloromethane	0.00	128	0	N.D.		
26)	C060	Chloroform	0.00	83	0	N.D.		
27)	C115	1,1,1-Trichloroethan	5.13	97	10889	12.22 ng		90
28)	C120	Carbon tetrachloride	0.00	117	0	N.D.		
29)	C116	1,1-Dichloropropene	0.00	75	0	N.D.		
32)	C165	Benzene	5.45	78	552	N.D.		
33)	C065	1,2-Dichloroethane	0.00	62	0	N.D.		
34)	C110	2-Butanone	0.00	43	0	N.D.		
35)	C256	Cyclohexane	0.00	56	0	N.D.		
36)	C150	Trichloroethene	6.00	95	21247	31.89 ng	#	72
37)	C140	1,2-Dichloropropane	0.00	63	0	N.D.		
38)	C278	Dibromomethane	0.00	93	0	N.D.		
39)	C130	Bromodichloromethane	0.00	83	0	N.D.		
40)	C161	2-Chloroethylvinyl E	0.00	63	0	N.D.		
41)	C012	Methylcycolhexane	0.00	83	0	N.D.		
42)	C145	cis-1,3-Dichloroprop	0.00	75	0	N.D.		
45)	C230	Toluene	7.12	92	326	N.D.		
46)	C170	trans-1,3-Dichloropr	0.00	75	0	N.D.		
47)	C284	Ethyl Methacrylate	0.00	69	0	N.D.		
48)	C160	1,1,2-Trichloroethan	0.00	83	0	N.D.		
49)	C210	4-Methyl-2-pentanone	7.05	43	1120	N.D.		
50)	C220	Tetrachloroethene	7.61	166	275	N.D.		
51)	C221	1,3-Dichloropropane	0.00	76	0	N.D.		
52)	C155	Dibromochloromethane	0.00	129	0	N.D.		
53)	C163	1,2-Dibromoethane	0.00	107	0	N.D.		
54)	C215	2-Hexanone	0.00	43	0	N.D.		
55)	C235	Chlorobenzene	0.00	112	0	N.D.		
56)	C281	1,1,1,2-Tetrachloroe	0.00	131	0	N.D.		
57)	C240	Ethylbenzene	8.49	91	2431	N.D.		
58)	C246	m,p-Xylene	8.60	106	3347	2.69 ng	#	72
59)	C247	o-Xylene	8.98	106	685	N.D.		
60)	C245	Styrene	0.00	104	0	N.D.		
63)	C180	Bromoform	0.00	173	0	N.D.		
64)	C966	Isopropylbenzene	0.00	105	0	N.D.		
65)	C301	Bromobenzene	0.00	156	0	N.D.		
66)	C225	1,1,2,2-Tetrachloroe	0.00	83	0	N.D.		
67)	C282	1,2,3-Trichloropropa	0.00	110	0	N.D.		
68)	C283	t-1,4-Dichloro-2-But	0.00	51	0	N.D.		
69)	C302	n-Propylbenzene	9.71	91	600	N.D.		

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

Quantitation Report STL Buffalo

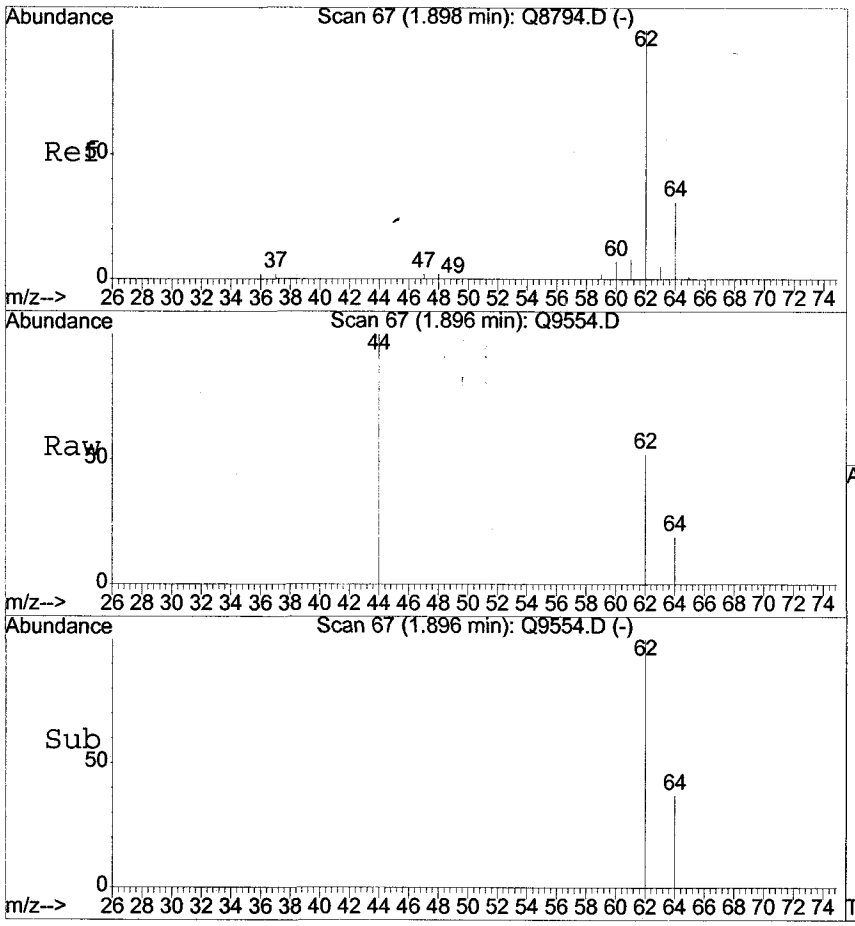
Data File : C:\HPCHEM\1\DATA\122705\Q9554.D Vial: 37
Acq On : 28 Dec 2005 1:05 Operator: TLC
Sample : A5E58719 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 28 8:44 2005 Quant Results File: A5I02444.RES

Quant Method : C:\HPCHEM\1...\A5I02444.M (RTE Integrator)
Title : 8260 5ML
Last Update : Wed Dec 28 08:38:57 2005
Response via : Initial Calibration
DataAcq Meth : VOA

	Compound		R.T.	QIon	Response	Conc Unit	Qvalue
70)	C303	2-Chlorotoluene	0.00	126	0	N.D.	
71)	C289	4-Chlorotoluene	0.00	126	0	N.D.	
72)	C304	1,3,5-Trimethylbenze	9.86	105	624	N.D.	
73)	C306	tert-Butylbenzene	0.00	134	0	N.D.	
74)	C307	1,2,4-Trimethylbenze	10.20	105	3517	N.D.	
75)	C308	sec-Butylbenzene	10.20	105	3517	N.D.	
76)	C260	1,3-Dichlorobenzene	0.00	146	0	N.D.	
77)	C309	4-Isopropyltoluene	0.00	119	0	N.D.	
78)	C267	1,4-Dichlorobenzene	0.00	146	0	N.D.	
79)	C249	1,2-Dichlorobenzene	0.00	146	0	N.D.	
80)	C310	n-Butylbenzene	0.00	91	0	N.D.	
81)	C286	1,2-Dibromo-3-Chloro	0.00	75	0	N.D.	
82)	C313	1,2,4-Trichlorobenze	0.00	180	0	N.D.	
83)	C316	Hexachlorobutadiene	0.00	225	0	N.D.	
84)	C314	Naphthalene	12.30	128	1676	N.D.	
85)	C934	1,2,3-Trichlorobenze	0.00	180	0	N.D.	

11/9/2006

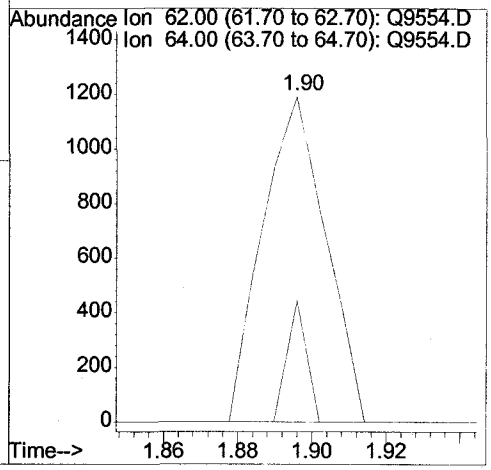
(#) = qualifier out of range (m) = manual integration

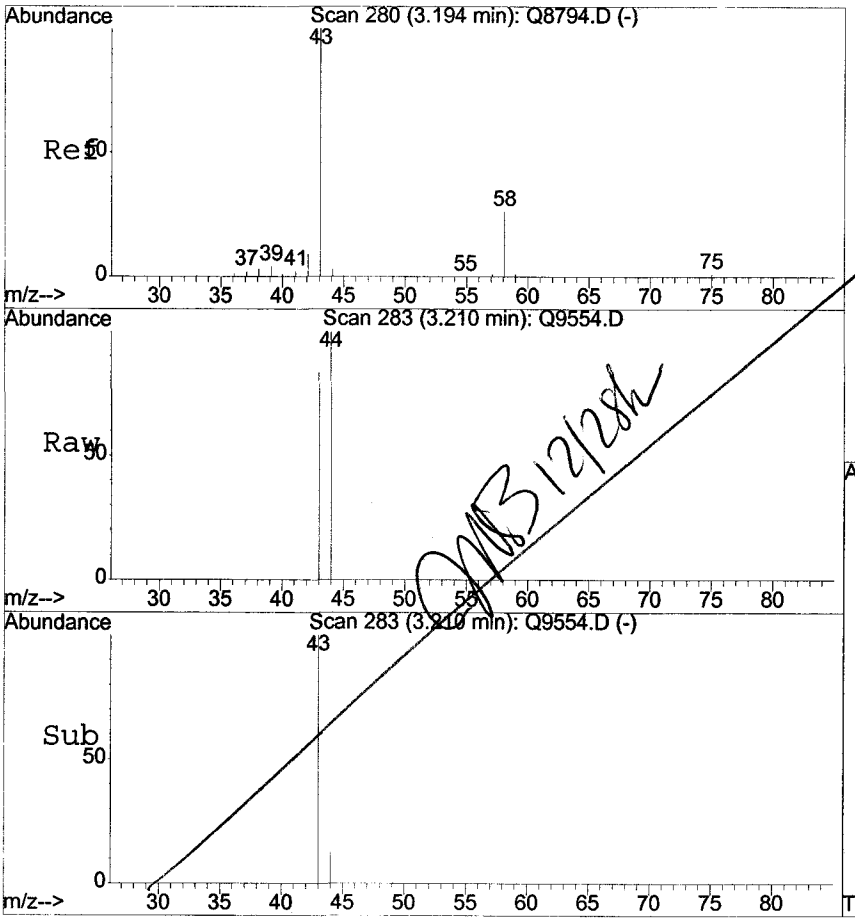


#4
C020 Vinyl chloride
Concen: 2.35 ng
RT: 1.90 min Scan# 67
Delta R.T. 0.00 min
Lab File: Q9554.D
Acq: 28 Dec 2005 1:05

Tgt Ion: 62 Resp: 1402

Ion	Ratio	Lower	Upper
62	100		
64	37.2	11.1	51.1

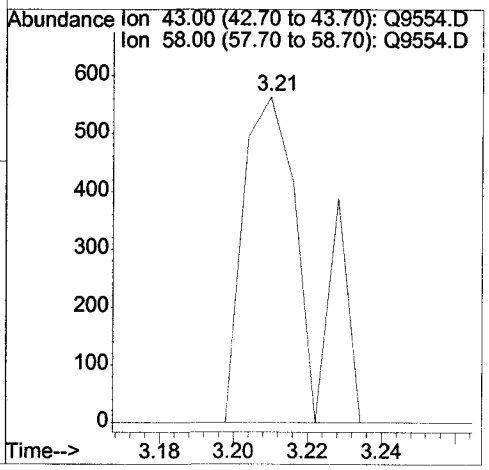


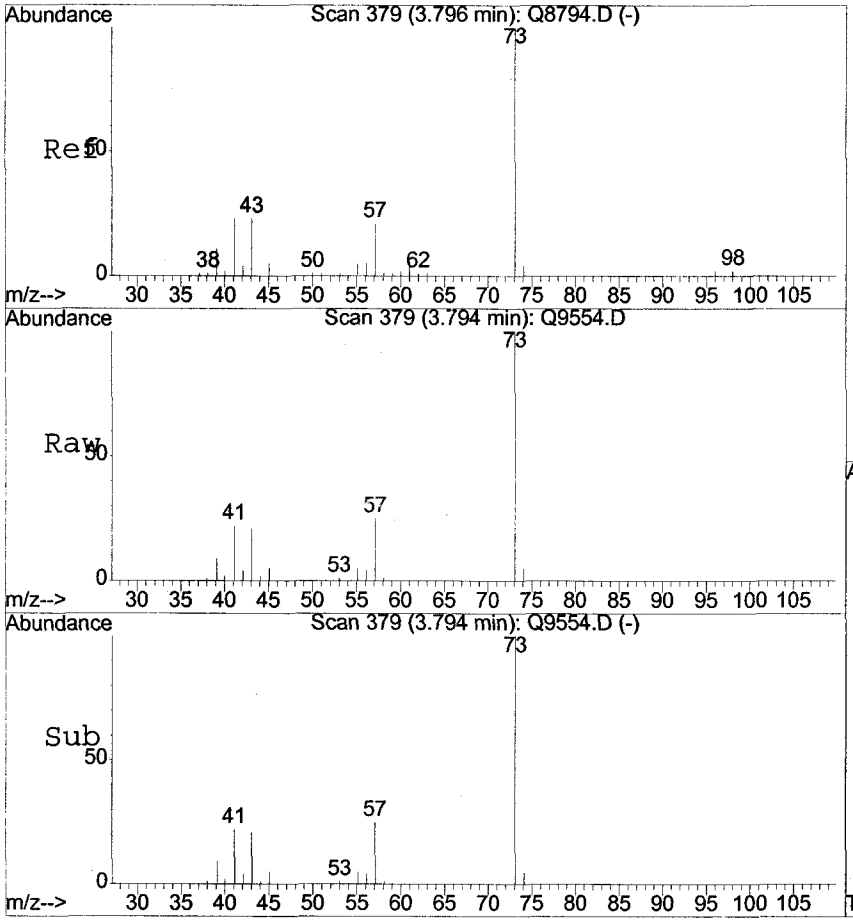


#13
C035 Acetone
Concen: 2.54 ng
RT: 3.21 min Scan# 283
Delta R.T. 0.01 min
Lab File: Q9554.D
Acq: 28 Dec 2005 1:05

Tgt Ion: 43 Resp: 680

Ion	Ratio	Lower	Upper
43	100		
58	0.0	24.2	36.2#

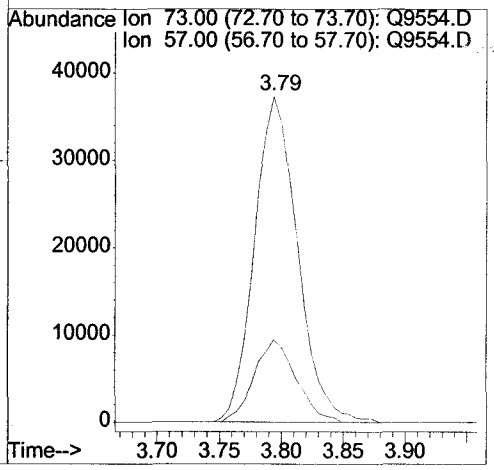


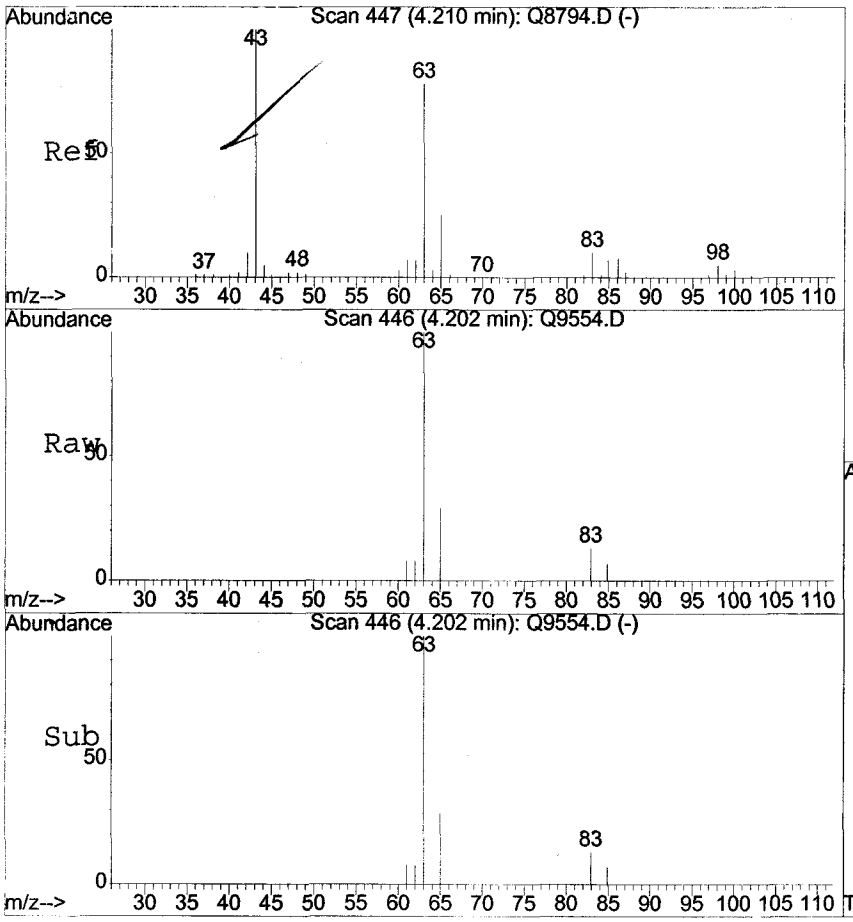


#17
C962 T-butyl Methyl Ether
Concen: 42.63 ng
RT: 3.79 min Scan# 379
Delta R.T. 0.00 min
Lab File: Q9554.D
Acq: 28 Dec 2005 1:05

Tgt Ion: 73 Resp: 90377

Ion	Ratio	Lower	Upper
73	100		
57	24.7	19.1	28.7

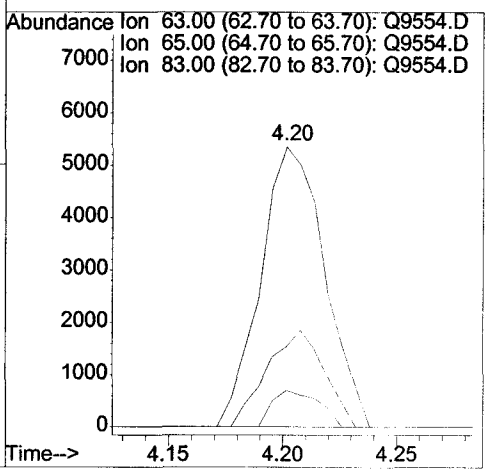


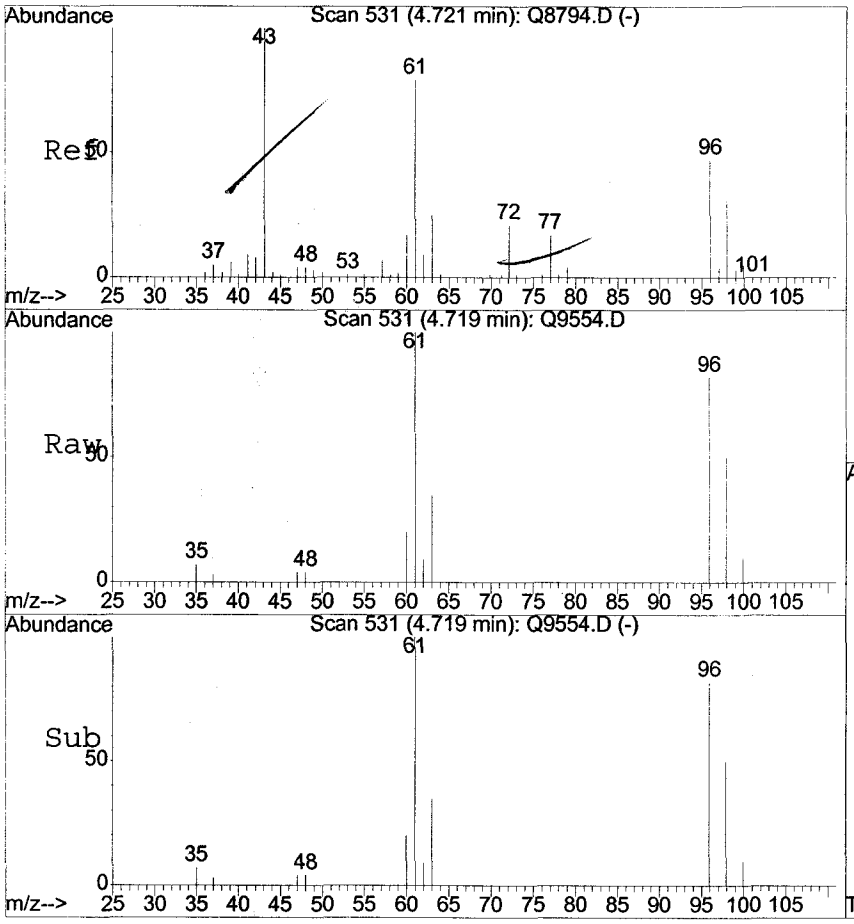


#20
C050 1,1-Dichloroethane
Concen: 8.57 ng
RT: 4.20 min Scan# 446
Delta R.T. 0.00 min
Lab File: Q9554.D
Acq: 28 Dec 2005 1:05

Tgt Ion: 63 Resp: 10430

Ion	Ratio	Lower	Upper
63	100		
65	28.7	11.1	51.1
83	13.2	0.0	31.6

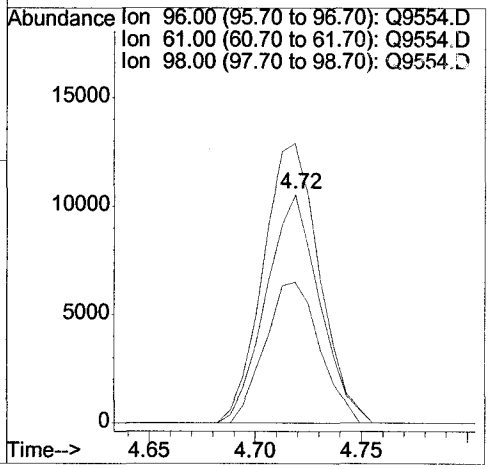


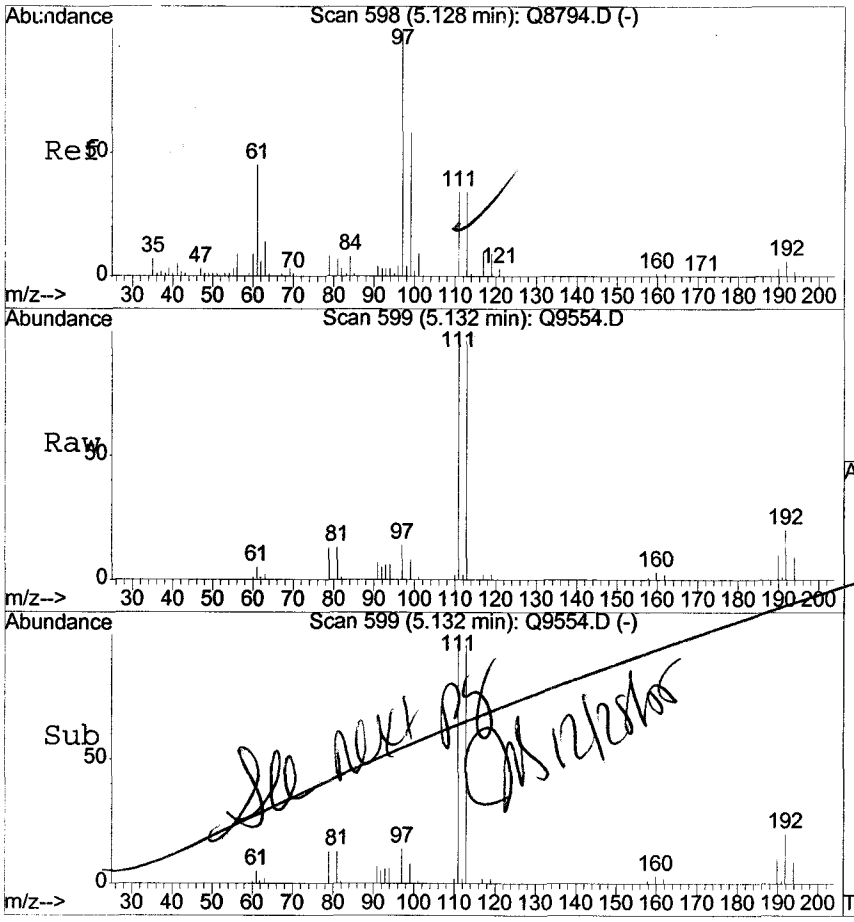


#23
C056 cis-1,2-Dichloroethene
Concen: 25.99 ng
RT: 4.72 min Scan# 531
Delta R.T. 0.00 min
Lab File: Q9554.D
Acq: 28 Dec 2005 1:05

Tgt Ion: 96 Resp: 18411

Ion	Ratio	Lower	Upper
96	100		
61	122.4	128.0	168.0#
98	61.6	43.4	83.4

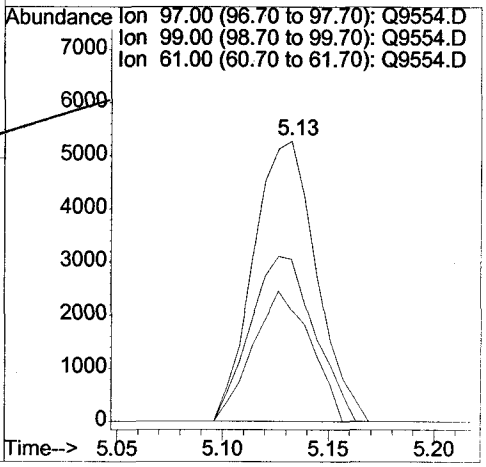




#27
C115 1,1,1-Trichloroethane
Concen: 12.22 ng
RT: 5.13 min Scan# 599
Delta R.T. 0.00 min
Lab File: Q9554.D
Acq: 28 Dec 2005 1:05

Tgt Ion: 97 Resp: 10889

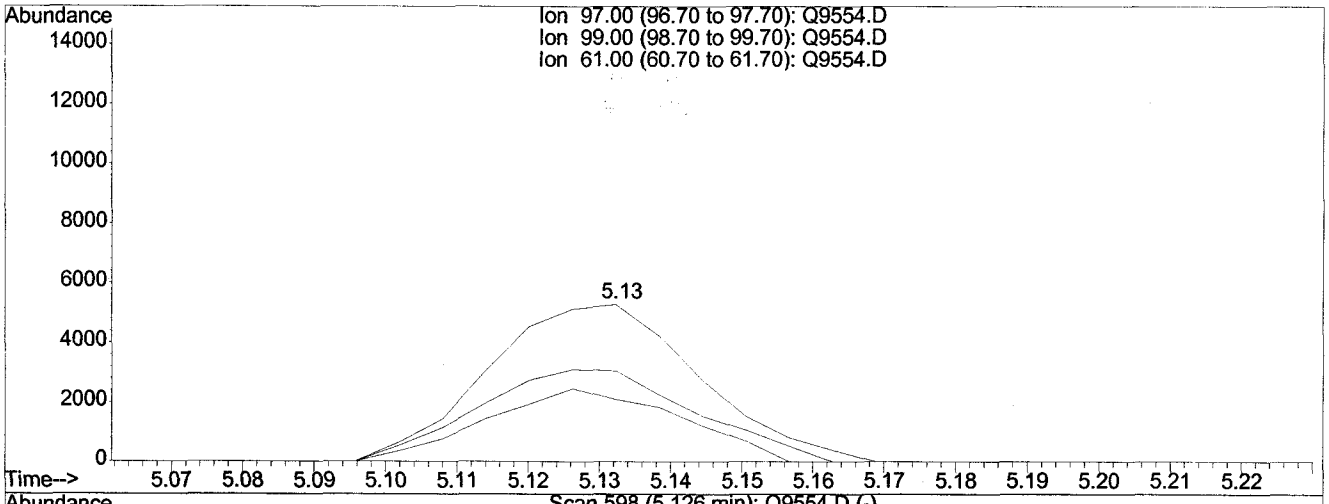
Ion	Ratio	Lower	Upper
97	100		
99	58.0	44.1	84.1
61	39.8	28.0	68.0



Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\122705\Q9554.D Vial: 37
Acq On : 28 Dec 2005 1:05 Operator: TLC
Sample : A5E58719 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 28 13:45 2005 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\Q8260\A5I02444.M (RTE Integrator)
Title : 8260 5ML
Last Update : Wed Dec 28 13:19:14 2005
Response via : Multiple Level Calibration



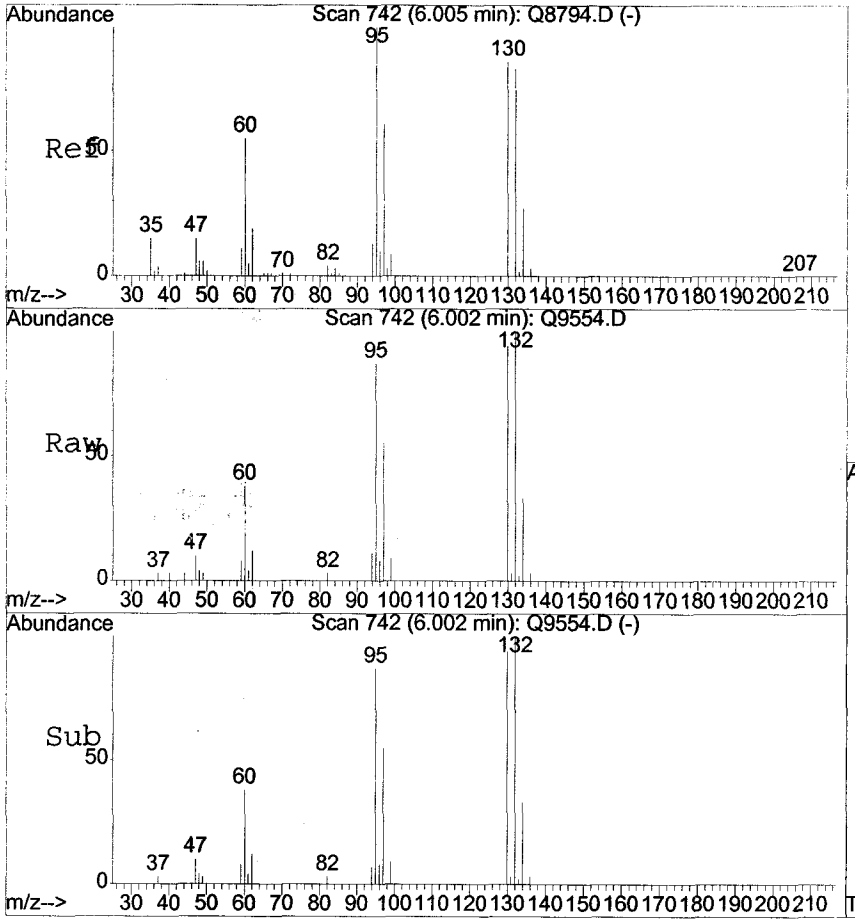
TIC: Q9554.D

(27) C115 1,1,1-Trichloroethane (T)

5.13min 12.22ng

response 10889

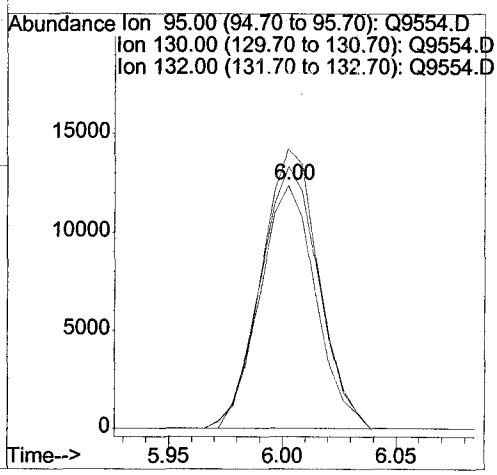
Ion	Exp%	Act%
97.00	100	100
99.00	64.10	57.97
61.00	48.00	39.79
0.00	0.00	0.00

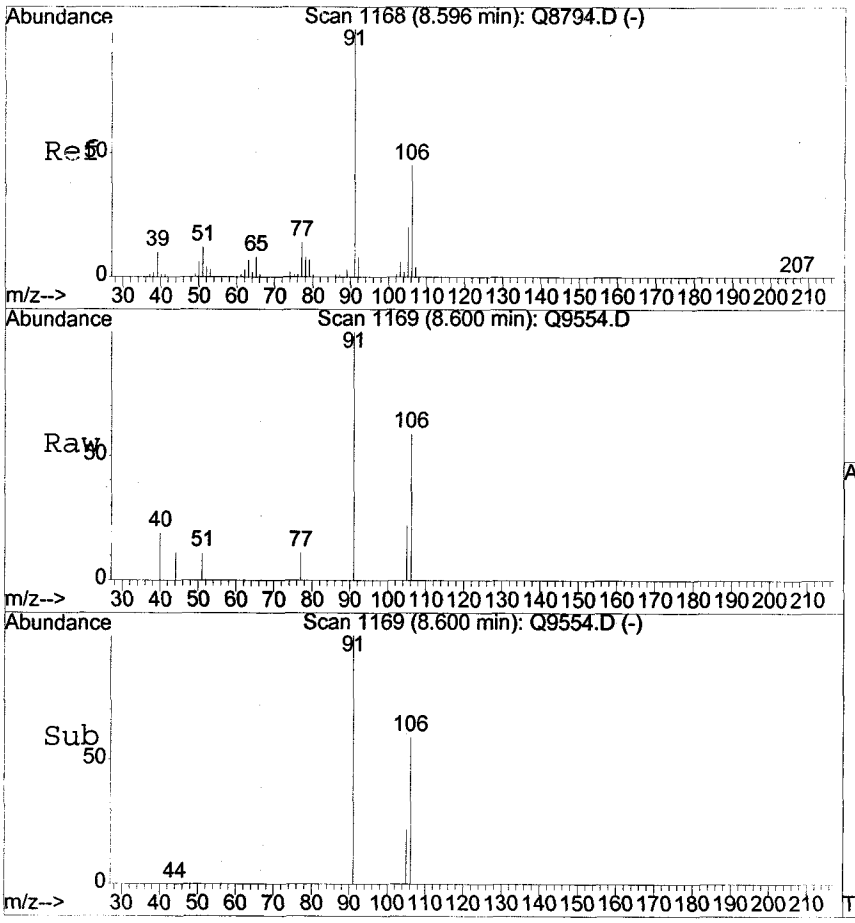


#36
C150 Trichloroethene
Concen: 31.89 ng
RT: 6.00 min Scan# 742
Delta R.T. 0.00 min
Lab File: Q9554.D
Acq: 28 Dec 2005 1:05

Tgt Ion: 95 Resp: 21247

Ion	Ratio	Lower	Upper
95	100		
130	108.0	68.8	108.8
132	115.2	63.4	103.4#

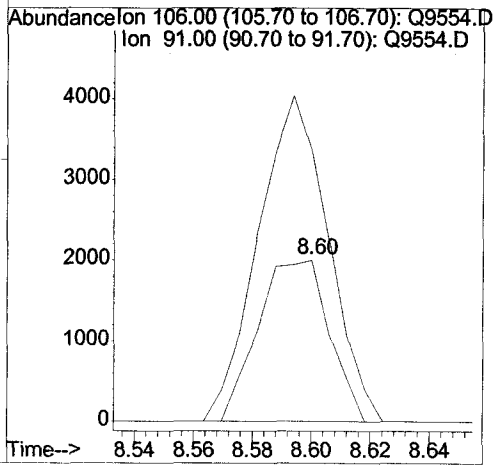




#58
C246 m,p-Xylene
Concen: 2.69 ng
RT: 8.60 min Scan# 1169
Delta R.T. 0.01 min
Lab File: Q9554.D
Acq: 28 Dec 2005 1:05

Tgt Ion:106 Resp: 3347

Ion	Ratio	Lower	Upper
106	100		
91	168.3	191.5	231.5#



METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.

MW-21

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A5E58712

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: S9725.RR

Level: (low/med) LOW Date Samp/Recv: 12/21/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/28/2005

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	5.0	U
71-43-2	Benzene	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon Disulfide	1.0	U
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	1.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	1.0	U
110-82-7	Cyclohexane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U
75-34-3	1,1-Dichloroethane	0.85	J
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-59-2	cis-1,2-Dichloroethene	18	
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
98-82-8	Isopropylbenzene	1.0	U
79-20-9	Methyl acetate	1.0	U
108-87-2	Methylcyclohexane	1.0	U
75-09-2	Methylene chloride	1.0	U

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.

MW-21

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A5E58712

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: S9725.RR

Level: (low/med) LOW Date Samp/Recv: 12/21/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/28/2005

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 1.00

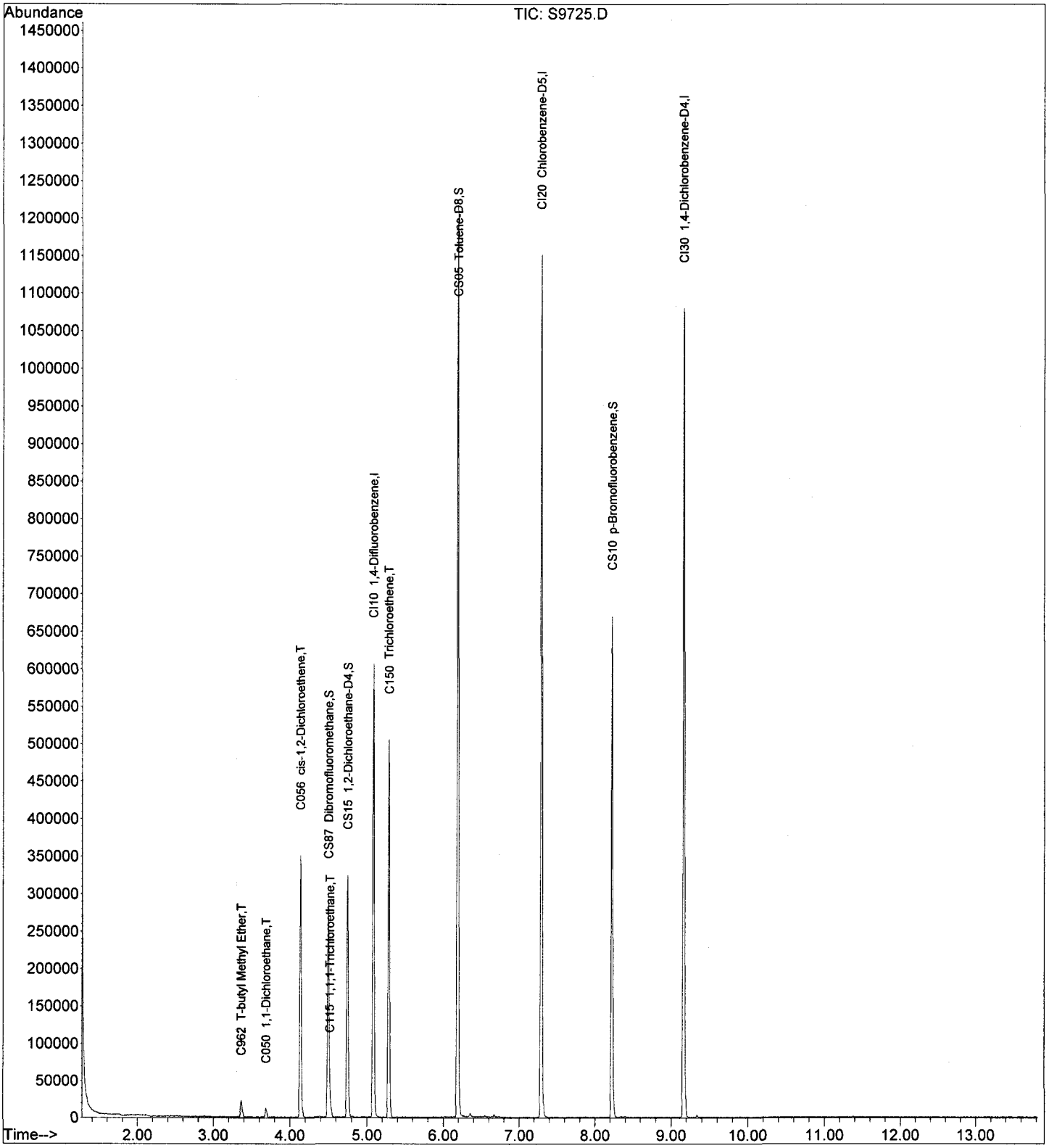
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	5.0	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	0.99	J
91-20-3	Naphthalene	1.0	U
100-42-5	Styrene	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.4	
79-00-5	1,1,2-Trichloroethane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
79-01-6	Trichloroethene	20	
75-01-4	Vinyl chloride	1.0	U
1330-20-7	Total Xylenes	3.0	U

Data File : D:\DATA\122805\S9725.D
Acq On : 28 Dec 2005 22:42
Sample : A5E58712
Misc :
MS Integration Params: RTEINT.P

Vial: 31
Operator: TLC
Inst : HP5973S
Multiplr: 1.00

Quant Time: Dec 29 09:01:05 2005 Results File: A5I0002442_E2.RES
Quant Method : C:\MSDCHEM\1...\A5I0002442_E2.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Dec 28 20:05:16 2005
Response via : Initial Calibration
DataAcq Meth : VOA



Data File : D:\DATA\122805\S9725.D Vial: 31
Acq On : 28 Dec 2005 22:42 Operator: TLC
Sample : A5E58712 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 29 09:01:05 2005 Results File: A5I0002442_E2.RES

Quant Method : C:\MSDCHEM\1...\A5I0002442_E2.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Dec 28 20:05:16 2005
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\DATA\122805\S9718.D (28 Dec 2005 19:47)

STB 12/29/05 LA

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.09	114	357903	125.00	ng	0.00 92.32%
43) CI20	Chlorobenzene-D5	7.30	117	522948	125.00	ng	0.00 93.74%
62) CI30	1,4-Dichlorobenzene-	9.17	152	246274	125.00	ng	0.00 83.38%
System Monitoring Compounds							
30) CS87	Dibromofluoromethane	4.50	111	139875	138.47	ng	0.00
Spiked Amount	125.000	Range	70 - 130	Recovery	=	110.78%	
31) CS15	1,2-Dichloroethane-D	4.75	65	148331	134.54	ng	0.00
Spiked Amount	125.000	Range	73 - 136	Recovery	=	107.63%	
44) CS05	Toluene-D8	6.20	98	623194	120.30	ng	0.00
Spiked Amount	125.000	Range	77 - 122	Recovery	=	96.24%	
61) CS10	p-Bromofluorobenzene	8.23	174	129897	110.43	ng	0.00
Spiked Amount	125.000	Range	74 - 120	Recovery	=	88.34%	
Target Compounds							Qvalue
2) C290	Dichlorodifluorome	0.00	85	0	N.D.		
3) C010	Chloromethane	0.00	50	0	N.D.		
4) C020	Vinyl chloride	1.60	62	942	N.D.		
5) C015	Bromomethane	0.00	94	0	N.D.		
6) C025	Chloroethane	0.00	64	0	N.D.		
7) C275	Trichlorofluoromet	0.00	101	0	N.D.		
8) C045	1,1-Dichloroethene	0.00	96	0	N.D.		
9) C030	Methylene chloride	0.00	84	0	N.D.		
10) C040	Carbon disulfide	2.88	76	887	N.D.		
11) C036	Acrolein	0.00	56	0	N.D.		
12) C038	Acrylonitrile	3.36	53	138	N.D.		
13) C035	Acetone	2.77	43	535	N.D.		
14) C300	Acetonitrile	0.00	41	0	N.D.		
15) C276	Iodomethane	0.00	142	0	N.D.		
16) C291	1,1,2 Trichloro-1,	0.00	101	0	N.D.		
17) C962	T-butyl Methyl Ether	3.37	73	14519	4.97	ng #	84
18) C057	trans-1,2-Dichloro	3.36	96	450	N.D.		
19) C255	Methyl Acetate	0.00	43	0	N.D.		
20) C050	1,1-Dichloroethane	3.69	63	9798	4.23	ng	93
21) C125	Vinyl Acetate	0.00	43	0	N.D.		
22) C051	2,2-Dichloropropan	0.00	77	0	N.D.		
23) C056	cis-1,2-Dichloroethe	4.14	96	123393	91.61	ng	91
24) C272	Tetrahydrofuran	0.00	42	0	N.D.		
25) C222	Bromochloromethane	0.00	128	0	N.D.		
26) C060	Chloroform	4.39	83	520	N.D.		
27) C115	1,1,1-Trichloroethan	4.53	97	10863	6.99	ng	94
28) C120	Carbon tetrachlori	0.00	117	0	N.D.		
29) C116	1,1-Dichloropropen	0.00	75	0	N.D.		
32) C165	Benzene	4.82	78	1059	N.D.		
33) C065	1,2-Dichloroethane	0.00	62	0	N.D.		
34) C110	2-Butanone	0.00	43	0	N.D.		
35) C256	Cyclohexane	0.00	56	0	N.D.		
36) C150	Trichloroethene	5.29	95	125467	99.06	ng	97
37) C140	1,2-Dichloropropan	0.00	63	0	N.D.		
38) C278	Dibromomethane	0.00	93	0	N.D.		

1/12/2006

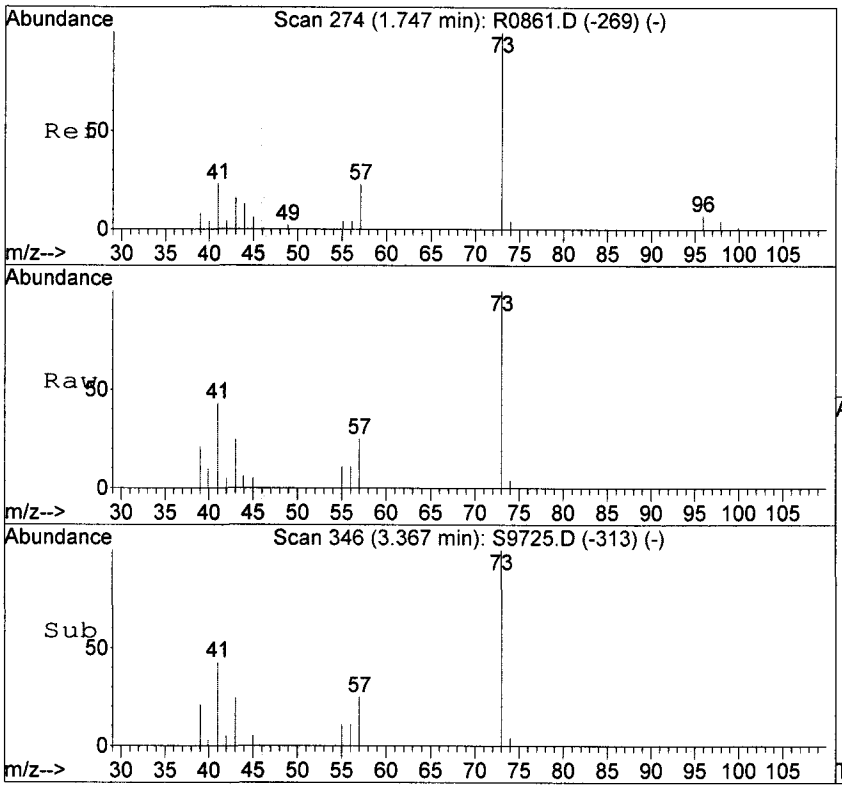
Data File : D:\DATA\122805\S9725.D Vial: 31
Acq On : 28 Dec 2005 22:42 Operator: TLC
Sample : A5E58712 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 29 09:01:05 2005 Results File: A5I0002442_E2.RES

Quant Method : C:\MSDCHEM\1...\A5I0002442_E2.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Dec 28 20:05:16 2005
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\DATA\122805\S9718.D (28 Dec 2005 19:47)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
39) C130	Bromodichlorometha	0.00	83	0	N.D.		
40) C161	2-Chloroethylvinyl	0.00	63	0	N.D.		
41) C012	Methylcycolhexane	0.00	83	0	N.D.		
42) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.		
45) C230	Toluene	6.25	92	195	N.D.		
46) C170	trans-1,3-Dichloro	0.00	75	0	N.D.		
47) C284	Ethyl Methacrylate	0.00	69	0	N.D.		
48) C160	1,1,2-Trichloroeth	0.00	83	0	N.D.		
49) C210	4-Methyl-2-pentano	6.19	43	2505	N.D.		
50) C220	Tetrachloroethene	6.67	166	630	N.D.		
51) C221	1,3-Dichloropropan	0.00	76	0	N.D.		
52) C155	Dibromochlorometha	0.00	129	0	N.D.		
53) C163	1,2-Dibromoethane	0.00	107	0	N.D.		
54) C215	2-Hexanone	0.00	43	0	N.D.		
55) C235	Chlorobenzene	7.32	112	160	N.D.		
56) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.		
57) C240	Ethylbenzene	7.30	91	782	N.D.		
58) C246	m,p-Xylene	0.00	106	0	N.D.		
59) C247	o-Xylene	0.00	106	0	N.D.		
60) C245	Styrene	0.00	104	0	N.D.		
63) C180	Bromoform	0.00	173	0	N.D.		
64) C966	Isopropylbenzene	0.00	105	0	N.D.		
65) C301	Bromobenzene	0.00	156	0	N.D.		
66) C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.		
67) C282	1,2,3-Trichloropro	0.00	110	0	N.D.		
68) C283	t-1,4-Dichloro-2-B	0.00	53	0	N.D.		
69) C302	n-Propylbenzene	0.00	91	0	N.D.		
70) C303	2-Chlorotoluene	0.00	126	0	N.D.		
71) C289	4-Chlorotoluene	0.00	126	0	N.D.		
72) C304	1,3,5-Trimethylben	0.00	105	0	N.D.		
73) C306	tert-Butylbenzene	0.00	134	0	N.D.		
74) C307	1,2,4-Trimethylben	0.00	105	0	N.D.		
75) C308	sec-Butylbenzene	0.00	105	0	N.D.		
76) C260	1,3-Dichlorobenzen	0.00	146	0	N.D.		
77) C309	4-Isopropyltoluene	0.00	119	0	N.D.		
78) C267	1,4-Dichlorobenzen	0.00	146	0	N.D.		
79) C249	1,2-Dichlorobenzen	0.00	146	0	N.D.		
80) C310	n-Butylbenzene	0.00	91	0	N.D.		
81) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.		
82) C313	1,2,4-Trichloroben	0.00	180	0	N.D.		
83) C316	Hexachlorobutadien	0.00	225	0	N.D.		
84) C314	Naphthalene	0.00	128	0	N.D.		
85) C934	1,2,3-Trichloroben	0.00	180	0	N.D.		

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

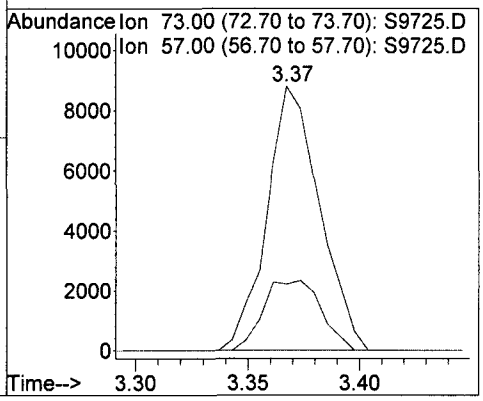
MM 1/12/2006

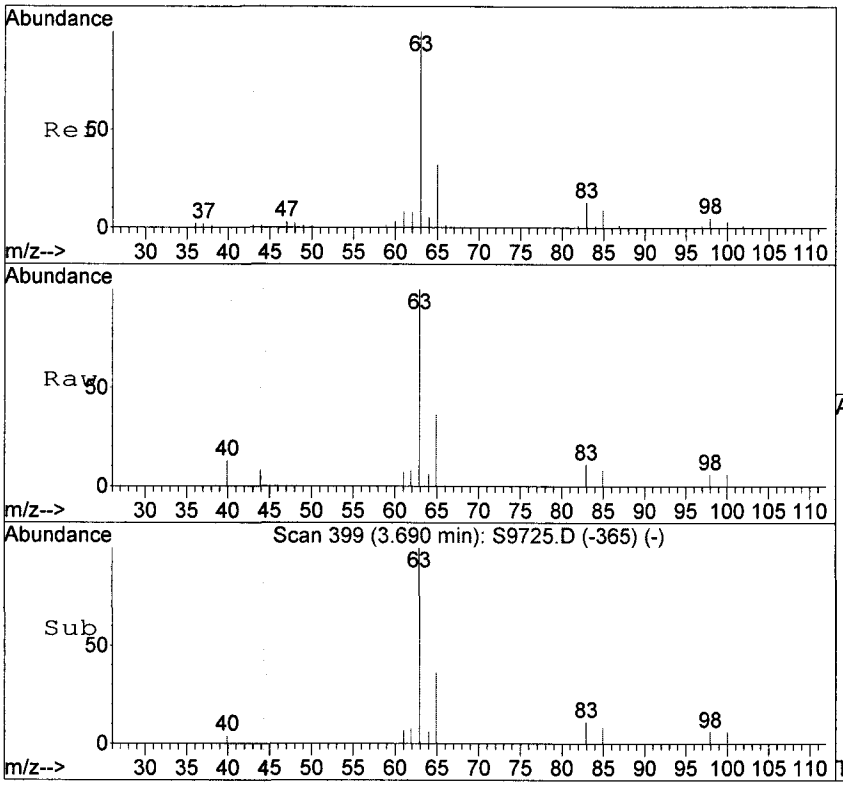


#17
C962 T-butyl Methyl Ether
Concen: 4.97 ng
RT: 3.37 min Scan# 346
Delta R.T. 0.00 min
Lab File: S9725.D
Acq: 28 Dec 2005 22:42

Tgt Ion: 73 Resp: 14519

Ion	Ratio	Lower	Upper
73	100		
57	28.9	17.0	25.6#

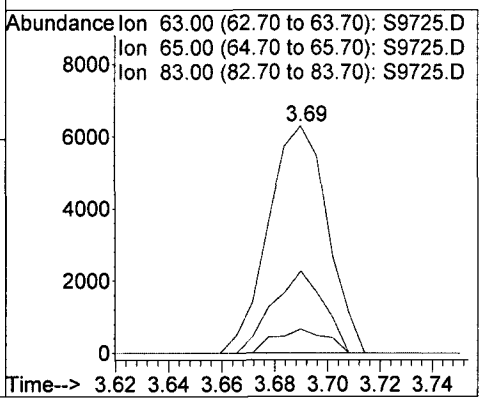


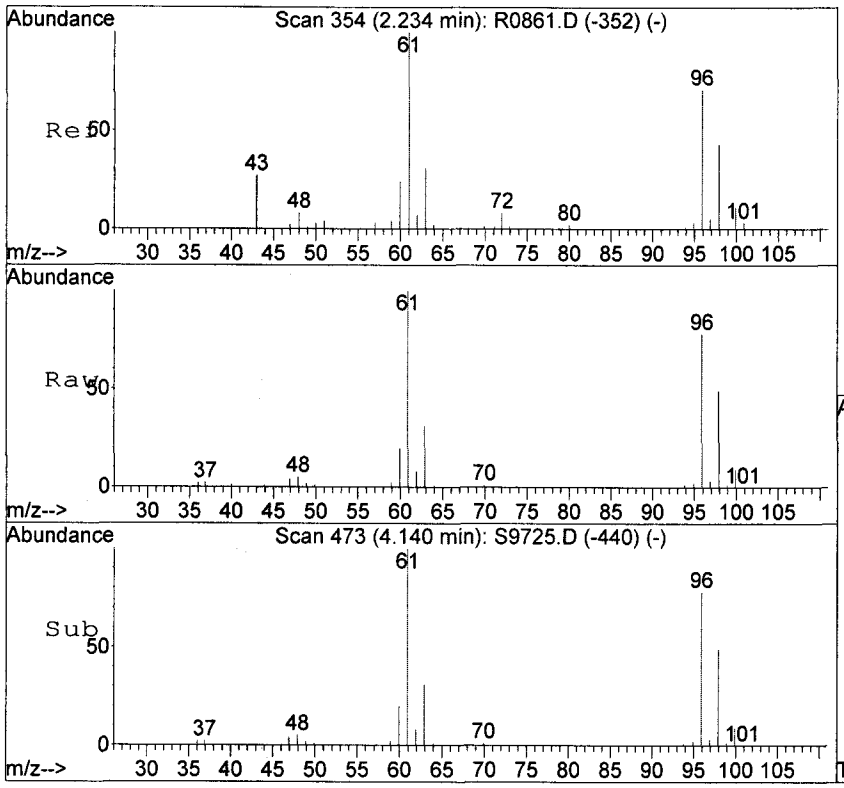


#20
C050 1,1-Dichloroethane
Concen: 4.23 ng
RT: 3.69 min Scan# 399
Delta R.T. 0.01 min
Lab File: S9725.D
Acq: 28 Dec 2005 22:42

Tgt Ion: 63 Resp: 9798

Ion	Ratio	Lower	Upper
63	100		
65	35.9	11.9	51.9
83	10.6	0.0	32.7

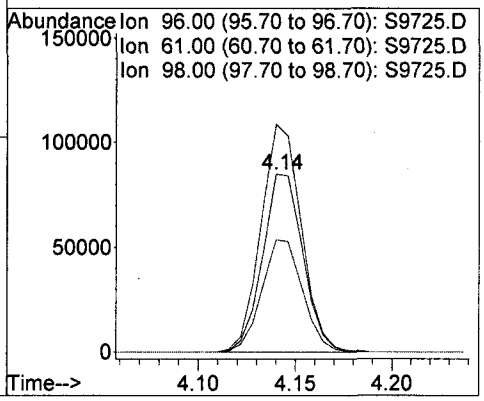


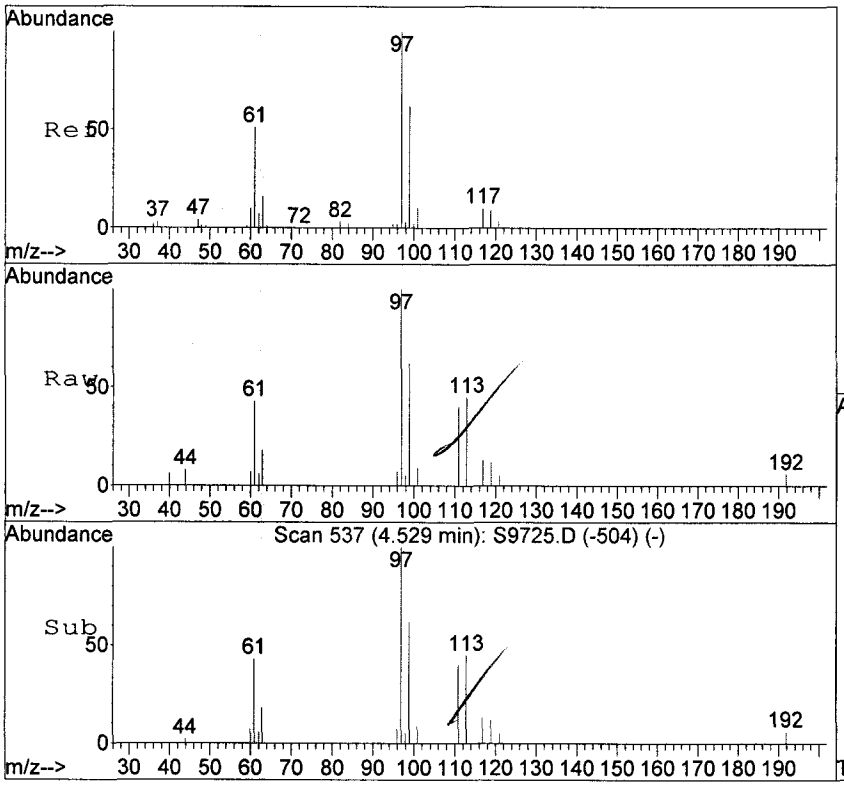


#23
C056 cis-1,2-Dichloroethene
Concen: 91.61 ng
RT: 4.14 min Scan# 473
Delta R.T. 0.00 min
Lab File: S9725.D
Acq: 28 Dec 2005 22:42

Tgt Ion: 96 Resp: 123393

Ion	Ratio	Lower	Upper
96	100		
61	128.0	124.0	164.0
98	63.3	44.3	84.3

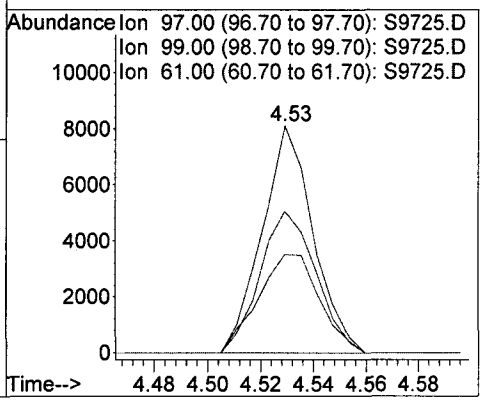


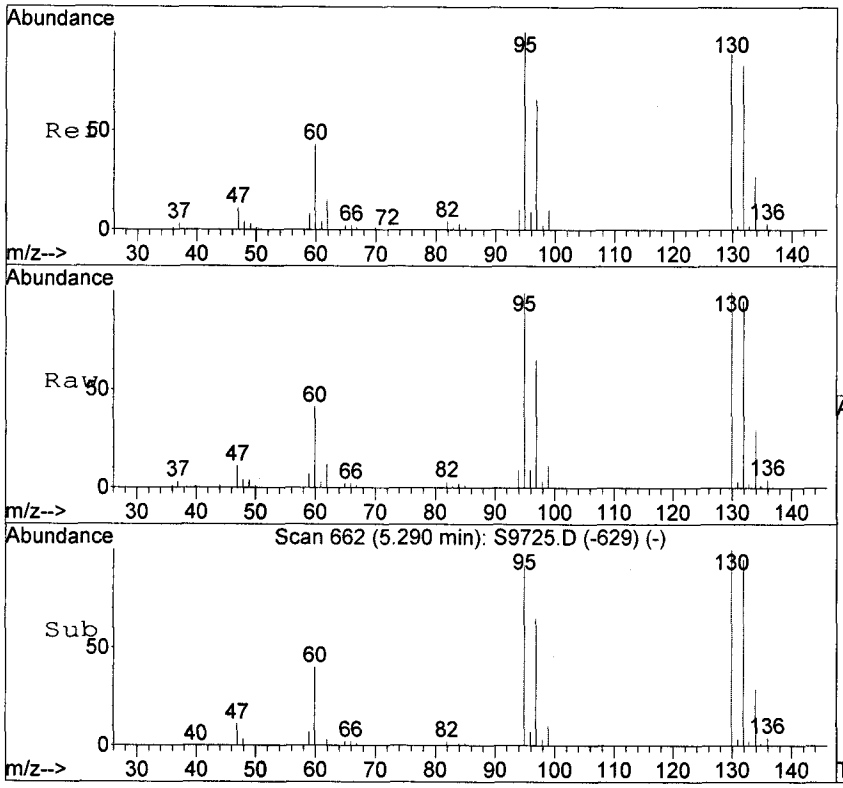


#27
C115 1,1,1-Trichloroethane
Concen: 6.99 ng
RT: 4.53 min Scan# 537
Delta R.T. 0.00 min
Lab File: S9725.D
Acq: 28 Dec 2005 22:42

Tgt Ion: 97 Resp: 10863

Ion	Ratio	Lower	Upper
97	100		
99	62.5	48.4	88.4
61	43.2	25.9	65.9

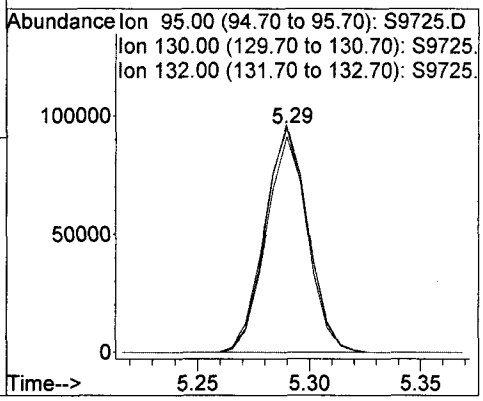




#36
C150 Trichloroethene
Concen: 99.06 ng
RT: 5.29 min Scan# 662
Delta R.T. 0.00 min
Lab File: S9725.D
Acq: 28 Dec 2005 22:42

Tgt Ion: 95 Resp: 125467

Ion	Ratio	Lower	Upper
95	100		
130	101.5	84.6	124.6
132	96.0	79.5	119.5



METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.

MW-32

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A5E58715

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q9550.RR

Level: (low/med) LOW Date Samp/Recv: 12/21/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/27/2005

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	5.0	U
71-43-2	Benzene	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon Disulfide	1.0	U
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	1.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	1.0	U
110-82-7	Cyclohexane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-59-2	cis-1,2-Dichloroethene	91	
156-60-5	trans-1,2-Dichloroethene	5.7	
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
98-82-8	Isopropylbenzene	1.0	U
79-20-9	Methyl acetate	1.0	U
108-87-2	Methylcyclohexane	1.0	U
75-09-2	Methylene chloride	1.0	U

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.

MW-32

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A5E58715

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q9550.RR

Level: (low/med) LOW Date Samp/Recv: 12/21/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/27/2005

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

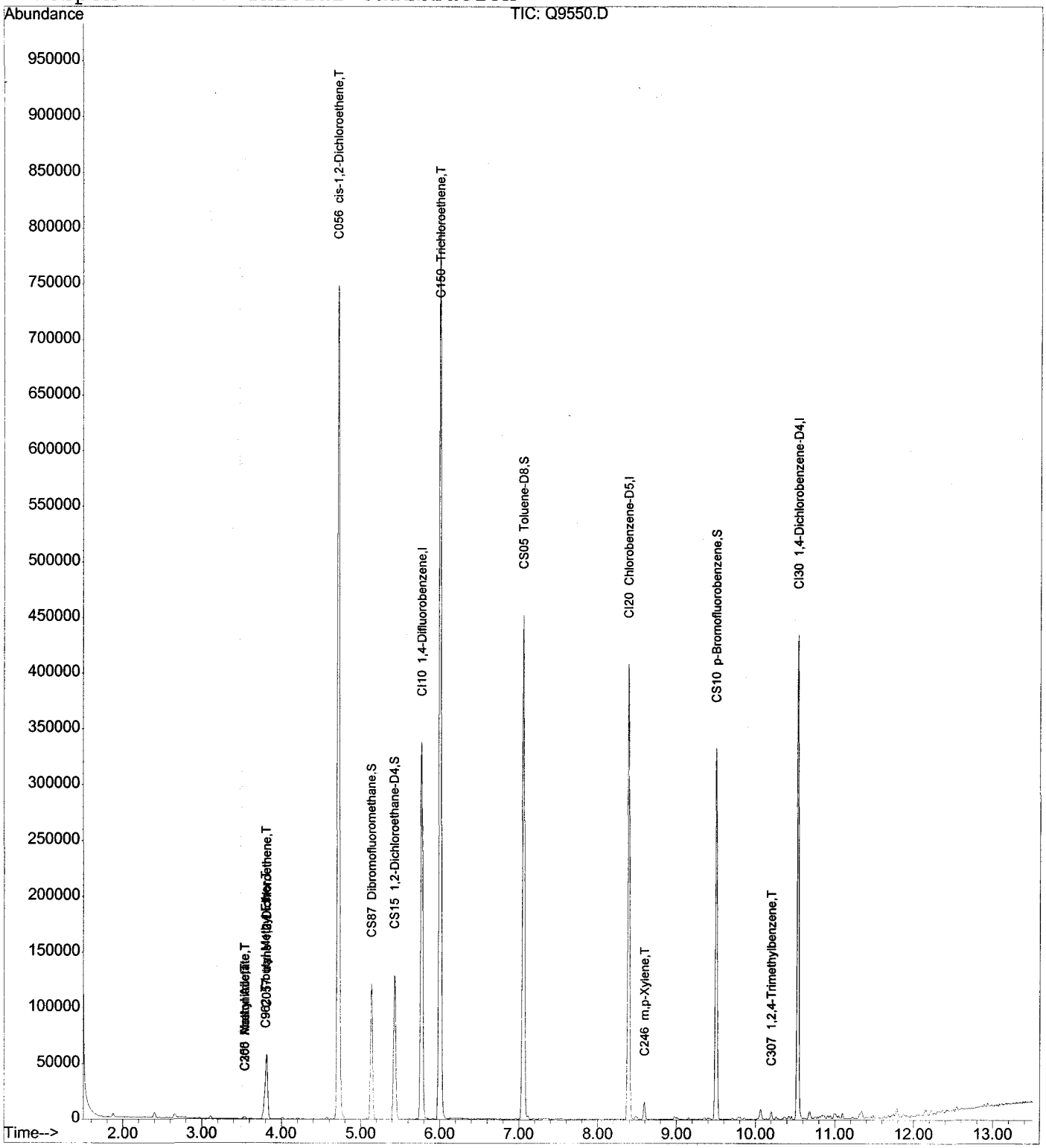
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	5.0	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	2.5	
91-20-3	Naphthalene	1.0	U
100-42-5	Styrene	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
79-01-6	Trichloroethene	75	
75-01-4	Vinyl chloride	1.0	U
1330-20-7	Total Xylenes	3.0	U

Quantitation Report

Data File : C:\HPCHEM\1\DATA\122705\Q9550.D Vial: 33
Acq On : 27 Dec 2005 23:12 Operator: TLC
Sample : A5E58715 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 28 8:44 2005 Quant Results File: A5I02444.RES

Method : C:\HPCHEM\1\METHODS\Q8260\A5I02444.M (RTE Integrator)
Title : 8260 5ML
Last Update : Wed Dec 28 08:38:57 2005
Response via : Initial Calibration



Quantitation Report STL Buffalo

Data File : C:\HPCHEM\1\DATA\122705\Q9550.D Vial: 33
Acq On : 27 Dec 2005 23:12 Operator: TLC
Sample : A5E58715 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 28 8:44 2005 Quant Results File: A5I02444.RES

Quant Method : C:\HPCHEM\1...\A5I02444.M (RTE Integrator)
Title : 8260 5ML
Last Update : Wed Dec 28 08:38:57 2005
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : C:\HPCHEM\1\DATA\122705\Q9545.D (27 Dec 2005 20:40)

SRM 12/28/05 Hyltner

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.77	114	278806	125.00	ng	0.00 96.74%
43) CI20	Chlorobenzene-D5	8.39	117	245891	125.00	ng	0.00 97.49%
62) CI30	1,4-Dichlorobenzene-	10.54	152	118399	125.00	ng	0.00 93.93%
System Monitoring Compounds							
30) CS87	Dibromofluoromethane	5.13	111	74880	123.42	ng	0.00
Spiked Amount	125.000	Range	70 - 130	Recovery =	98.74%		
31) CS15	1,2-Dichloroethane-D	5.43	65	85161	120.73	ng	0.00
Spiked Amount	125.000	Range	72 - 143	Recovery =	96.58%		
44) CS05	Toluene-D8	7.06	98	303569	124.97	ng	0.00
Spiked Amount	125.000	Range	76 - 116	Recovery =	99.98%		
61) CS10	p-Bromofluorobenzene	9.50	174	101387	129.54	ng	0.00
Spiked Amount	125.000	Range	73 - 117	Recovery =	103.63%		
Target Compounds							Qvalue
2) C290	Dichlorodifluorometh	0.00	85	0	N.D.		
3) C010	Chloromethane	0.00	50	0	N.D.		
4) C020	Vinyl chloride	1.89	62	332	N.D.		
5) C015	Bromomethane	0.00	94	0	N.D.		
6) C025	Chloroethane	0.00	64	0	N.D.		
7) C275	Trichlorofluorometha	0.00	101	0	N.D.		
8) C045	1,1-Dichloroethene	3.11	96	892	N.D.		
9) C030	Methylene chloride	0.00	84	0	N.D.		
10) C040	Carbon disulfide	0.00	76	0	N.D.		
11) C036	Acrolein	0.00	56	0	N.D.		
12) C038	Acrylonitrile	0.00	53	0	N.D.		
13) C035	Acetone	0.00	43	0	N.D.		
14) C300	Acetonitrile	3.55	41	530	4.26	ng #	26
15) C276	Iodomethane	0.00	142	0	N.D.		
16) C291	1,1,2 Trichloro-1,2,	0.00	101	0	N.D.		
17) C962	T-butyl Methyl Ether	3.80	73	27322	12.73	ng	93
18) C057	trans-1,2-Dichloroet	3.82	96	18412	28.64	ng	91
19) C255	Methyl Acetate	3.54	43	1913	2.00	ng #	55
20) C050	1,1-Dichloroethane	4.20	63	1133	N.D.		
21) C125	Vinyl Acetate	0.00	43	0	N.D.		
22) C051	2,2-Dichloropropane	0.00	77	0	N.D.		

MT 1/12/2006

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

Quantitation Report STL Buffalo

Data File : C:\HPCHEM\1\DATA\122705\Q9550.D Vial: 33
Acq On : 27 Dec 2005 23:12 Operator: TLC
Sample : A5E58715 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 28 8:44 2005 Quant Results File: A5I02444.RES

Quant Method : C:\HPCHEM\1...\A5I02444.M (RTE Integrator)
Title : 8260 5ML
Last Update : Wed Dec 28 08:38:57 2005
Response via : Initial Calibration
DataAcq Meth : VOA

	Compound		R.T.	QIon	Response	Conc Unit		Qvalue
23)	C056	cis-1,2-Dichloroethe	4.71	96	324826	453.04 ng		93
24)	C272	Tetrahydrofuran	0.00	42	0	N.D.		
25)	C222	Bromochloromethane	0.00	128	0	N.D.		
26)	C060	Chloroform	0.00	83	0	N.D.		
27)	C115	1,1,1-Trichloroethan	0.00	97	0	N.D.		
28)	C120	Carbon tetrachloride	0.00	117	0	N.D.		
29)	C116	1,1-Dichloropropene	0.00	75	0	N.D.		
32)	C165	Benzene	5.45	78	800	N.D.		
33)	C065	1,2-Dichloroethane	0.00	62	0	N.D.		
34)	C110	2-Butanone	0.00	43	0	N.D.		
35)	C256	Cyclohexane	5.15	56	437	N.D.		
36)	C150	Trichloroethene	6.00	95	253531	375.86 ng	#	66
37)	C140	1,2-Dichloropropane	0.00	63	0	N.D.		
38)	C278	Dibromomethane	0.00	93	0	N.D.		
39)	C130	Bromodichloromethane	0.00	83	0	N.D.		
40)	C161	2-Chloroethylvinyl E	0.00	63	0	N.D.		
41)	C012	Methylcycolhexane	6.14	83	147	N.D.		
42)	C145	cis-1,3-Dichloroprop	0.00	75	0	N.D.		
45)	C230	Toluene	7.12	92	1070	N.D.		
46)	C170	trans-1,3-Dichloropr	0.00	75	0	N.D.		
47)	C284	Ethyl Methacrylate	0.00	69	0	N.D.		
48)	C160	1,1,2-Trichloroethan	0.00	83	0	N.D.		
49)	C210	4-Methyl-2-pentanone	7.05	43	957	N.D.		
50)	C220	Tetrachloroethene	0.00	166	0	N.D.		
51)	C221	1,3-Dichloropropane	0.00	76	0	N.D.		
52)	C155	Dibromochloromethane	0.00	129	0	N.D.		
53)	C163	1,2-Dibromoethane	0.00	107	0	N.D.		
54)	C215	2-Hexanone	0.00	43	0	N.D.		
55)	C235	Chlorobenzene	0.00	112	0	N.D.		
56)	C281	1,1,1,2-Tetrachloroe	0.00	131	0	N.D.		
57)	C240	Ethylbenzene	8.49	91	3638	N.D.		
58)	C246	m,p-Xylene	8.60	106	5578	4.45 ng	#	72
59)	C247	o-Xylene	8.98	106	1173	N.D.		
60)	C245	Styrene	0.00	104	0	N.D.		
63)	C180	Bromoform	0.00	173	0	N.D.		
64)	C966	Isopropylbenzene	0.00	105	0	N.D.		
65)	C301	Bromobenzene	0.00	156	0	N.D.		
66)	C225	1,1,2,2-Tetrachloroe	0.00	83	0	N.D.		
67)	C282	1,2,3-Trichloropropa	0.00	110	0	N.D.		
68)	C283	t-1,4-Dichloro-2-But	0.00	51	0	N.D.		
69)	C302	n-Propylbenzene	9.70	91	883	N.D.		

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

1/12/06

Quantitation Report STL Buffalo

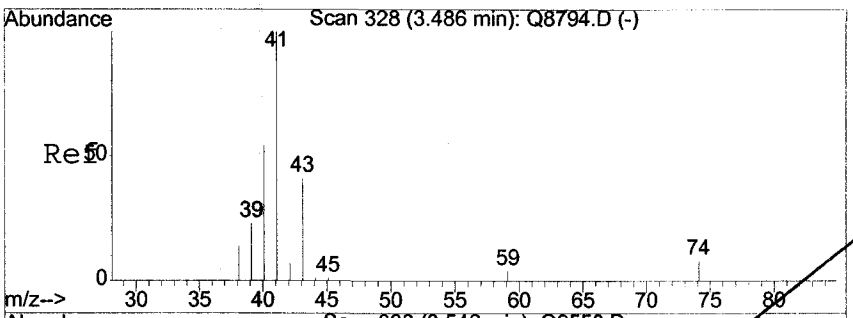
Data File : C:\HPCHEM\1\DATA\122705\Q9550.D Vial: 33
Acq On : 27 Dec 2005 23:12 Operator: TLC
Sample : A5E58715 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 28 8:44 2005 Quant Results File: A5I02444.RES

Quant Method : C:\HPCHEM\1...\A5I02444.M (RTE Integrator)
Title : 8260 5ML
Last Update : Wed Dec 28 08:38:57 2005
Response via : Initial Calibration
DataAcq Meth : VOA

	Compound		R.T.	QIon	Response	Conc Unit	Qvalue
70)	C303	2-Chlorotoluene	0.00	126	0	N.D.	
71)	C289	4-Chlorotoluene	0.00	126	0	N.D.	
72)	C304	1,3,5-Trimethylbenze	9.86	105	1168	N.D.	
73)	C306	tert-Butylbenzene	0.00	134	0	N.D.	
74)	C307	1,2,4-Trimethylbenze	10.20	105	5470	2.24 ng	91
75)	C308	sec-Butylbenzene	10.34	105	457	N.D.	
76)	C260	1,3-Dichlorobenzene	0.00	146	0	N.D.	
77)	C309	4-Isopropyltoluene	10.46	119	369	N.D.	
78)	C267	1,4-Dichlorobenzene	0.00	146	0	N.D.	
79)	C249	1,2-Dichlorobenzene	0.00	146	0	N.D.	
80)	C310	n-Butylbenzene	10.80	91	860	N.D.	
81)	C286	1,2-Dibromo-3-Chloro	0.00	75	0	N.D.	
82)	C313	1,2,4-Trichlorobenze	0.00	180	0	N.D.	
83)	C316	Hexachlorobutadiene	0.00	225	0	N.D.	
84)	C314	Naphthalene	12.31	128	2771	N.D.	
85)	C934	1,2,3-Trichlorobenze	0.00	180	0	N.D.	

mt 1/12/2006

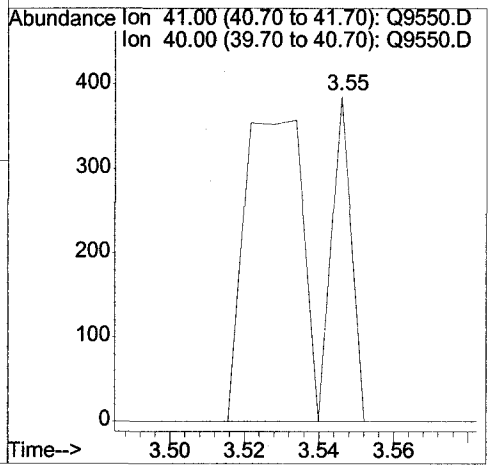
(#) = qualifier out of range (m) = manual integration

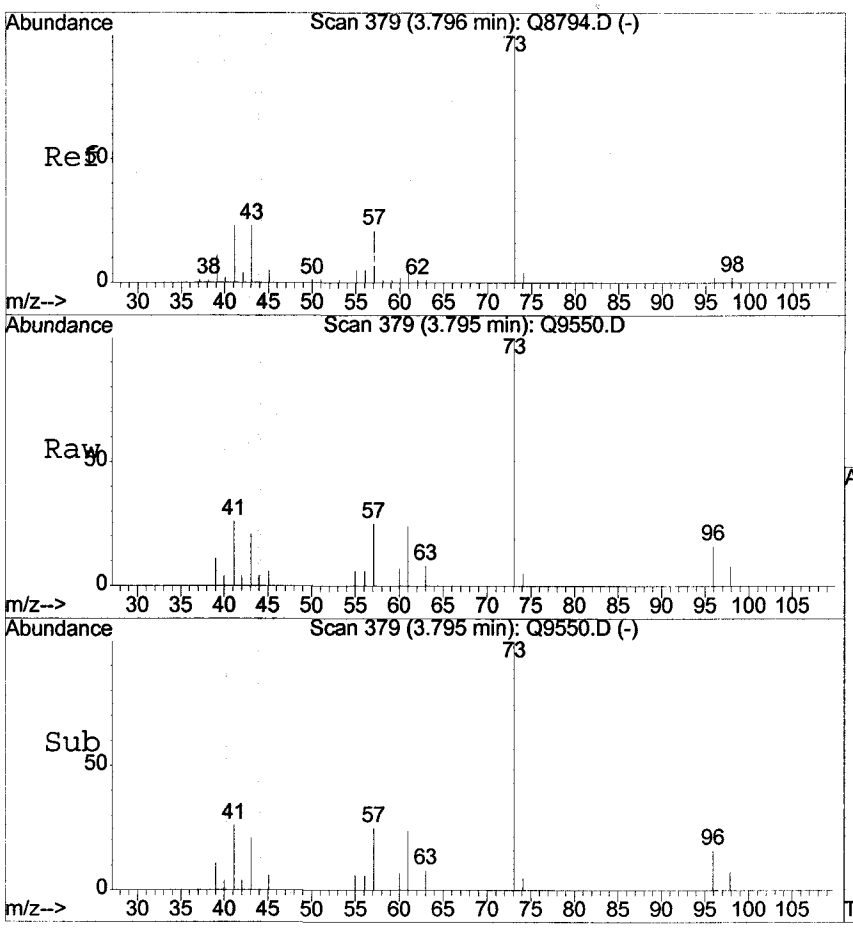


#14
C300 Acetonitrile
Concen: 4.26 ng
RT: 3.55 min Scan# 338
Delta R.T. 0.07 min
Lab File: Q9550.D
Acq: 27 Dec 2005 23:12

Tgt Ion: 41 Resp: 530

Ion	Ratio	Lower	Upper
41	100		
40	0.0	41.8	62.6#

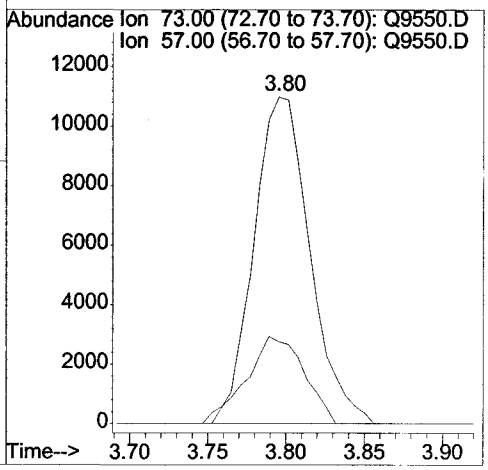


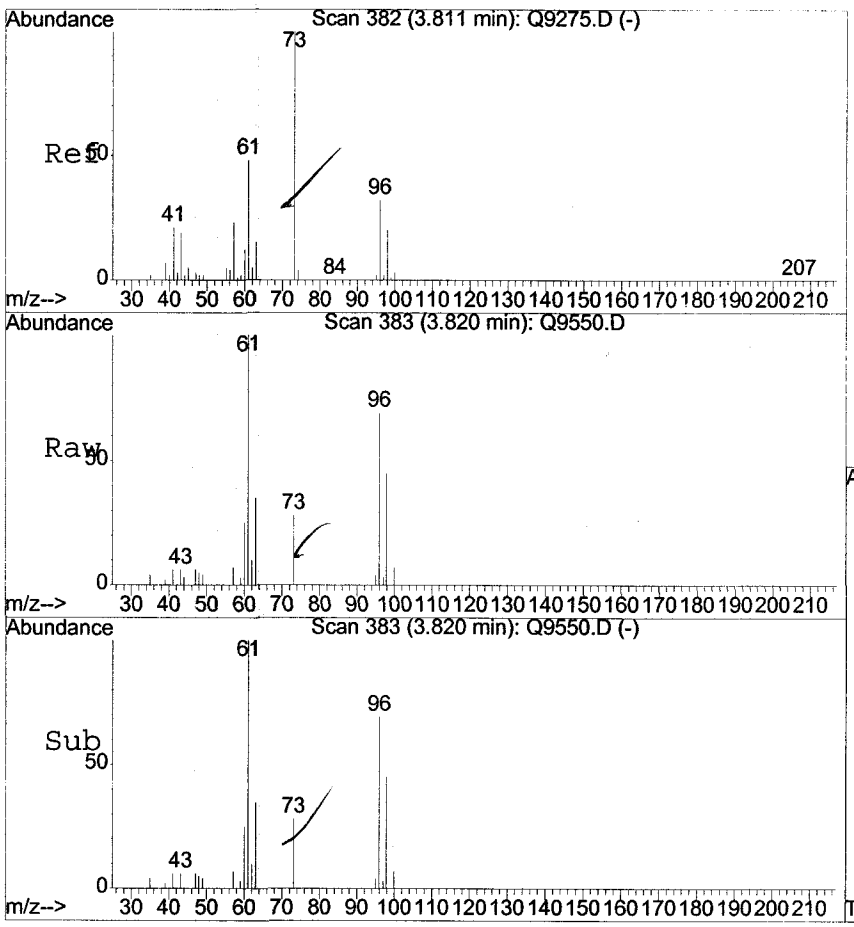


#17
C962 T-butyl Methyl Ether
Concen: 12.73 ng
RT: 3.80 min Scan# 379
Delta R.T. 0.00 min
Lab File: Q9550.D
Acq: 27 Dec 2005 23:12

Tgt Ion: 73 Resp: 27322

Ion	Ratio	Lower	Upper
73	100		
57	27.5	19.1	28.7

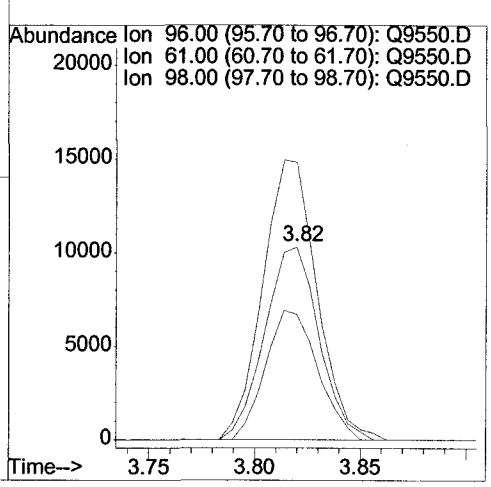


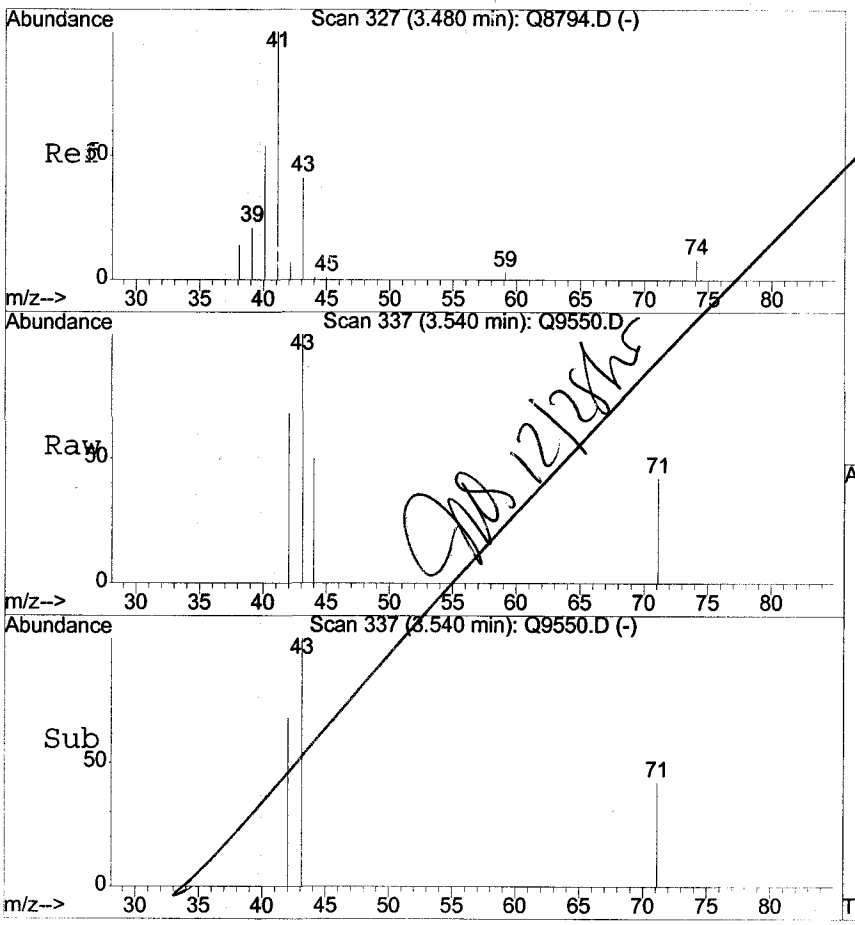


#18
C057 trans-1,2-Dichloroethen
Concen: 28.64 ng
RT: 3.82 min Scan# 383
Delta R.T. 0.00 min
Lab File: Q9550.D
Acq: 27 Dec 2005 23:12

Tgt Ion: 96 Resp: 18412

Ion	Ratio	Lower	Upper
96	100		
61	143.9	139.7	179.7
98	65.2	43.2	83.2

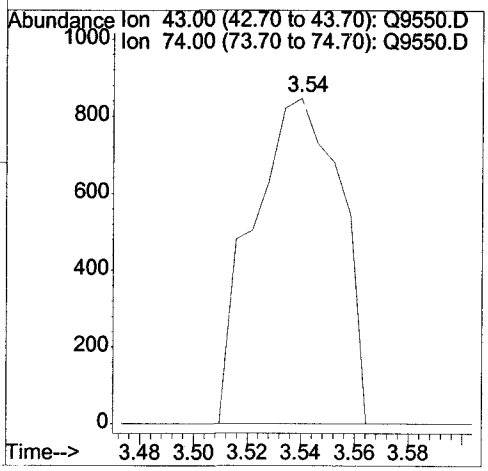


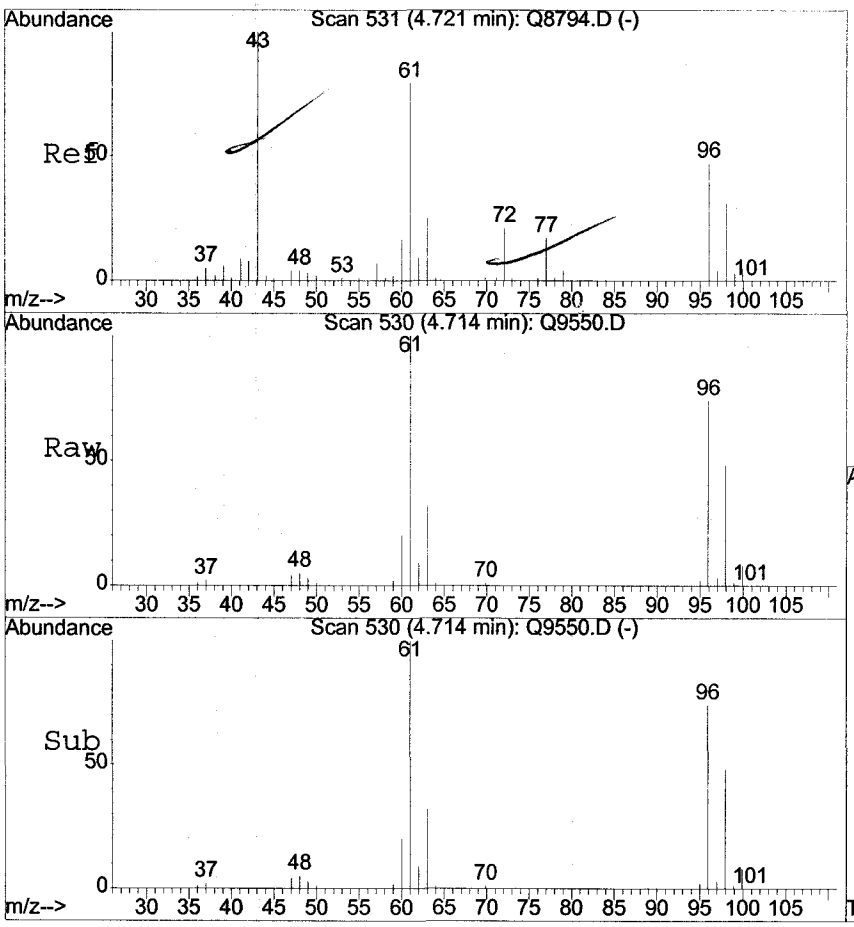


#19
C255 Methyl Acetate
Concen: 2.00 ng
RT: 3.54 min Scan# 337
Delta R.T. 0.06 min
Lab File: Q9550.D
Acq: 27 Dec 2005 23:12

Tgt Ion: 43 Resp: 1913

Ion	Ratio	Lower	Upper
43	100		
74	0.0	17.0	25.4#

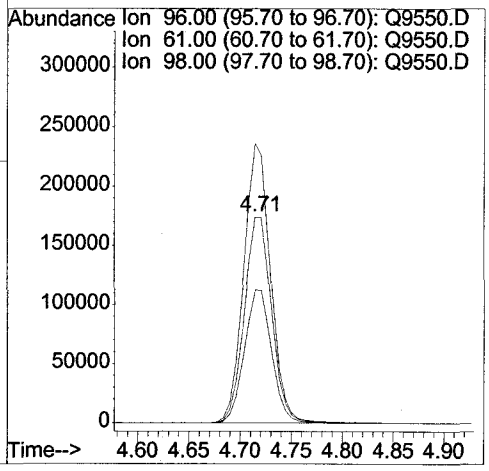


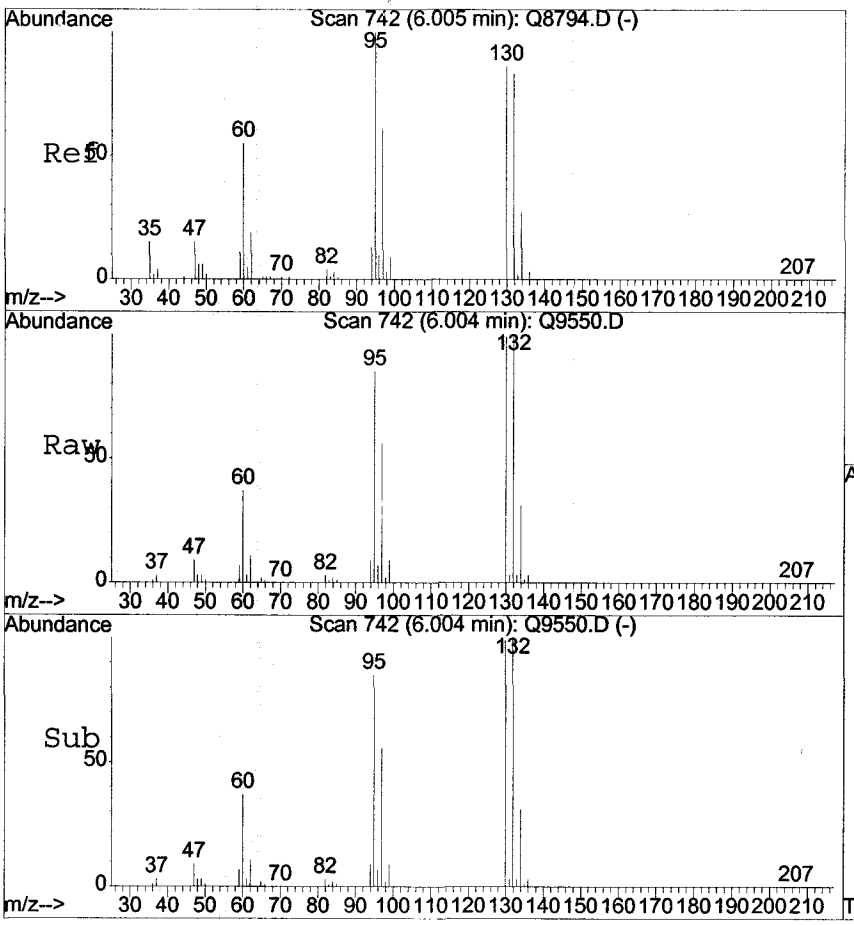


#23
C056 cis-1,2-Dichloroethene
Concen: 453.04 ng
RT: 4.71 min Scan# 530
Delta R.T. -0.00 min
Lab File: Q9550.D
Acq: 27 Dec 2005 23:12

Tgt Ion: 96 Resp: 324826

Ion	Ratio	Lower	Upper
96	100		
61	135.9	128.0	168.0
98	64.8	43.4	83.4

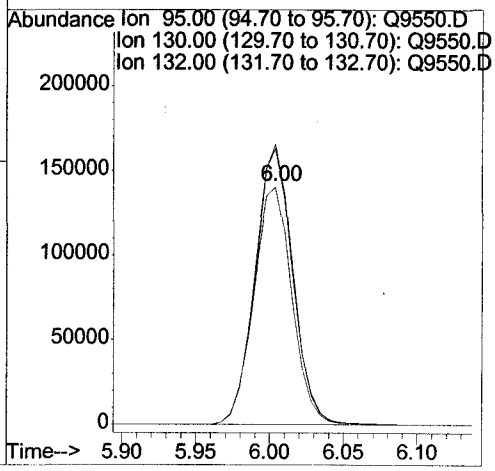


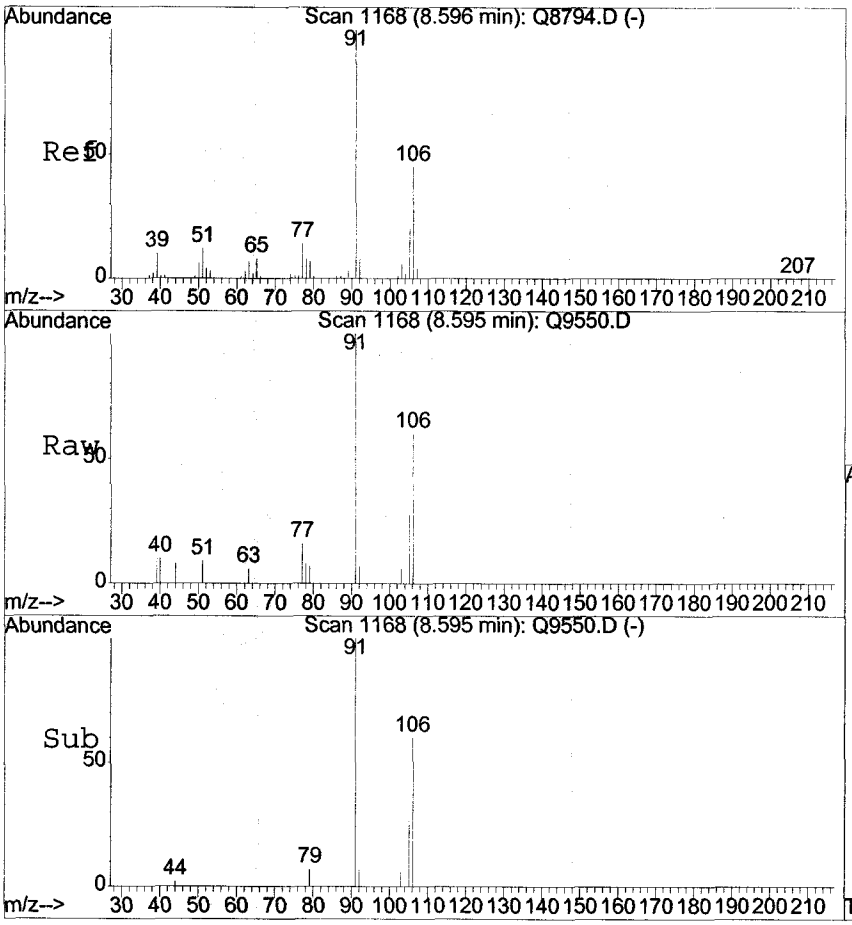


#36
C150 Trichloroethene
Concen: 375.86 ng
RT: 6.00 min Scan# 742
Delta R.T. 0.00 min
Lab File: Q9550.D
Acq: 27 Dec 2005 23:12

Tgt Ion: 95 Resp: 253531

Ion	Ratio	Lower	Upper
95	100		
130	116.3	68.8	108.8#
132	118.1	63.4	103.4#

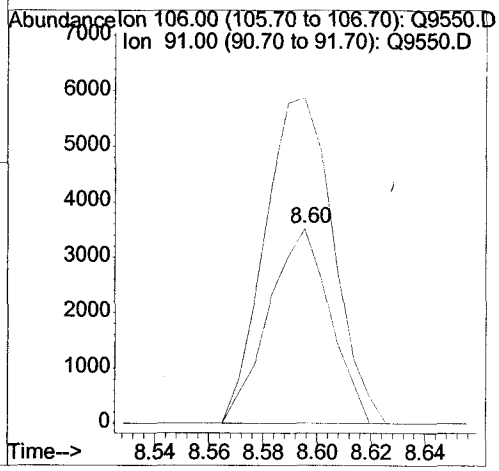


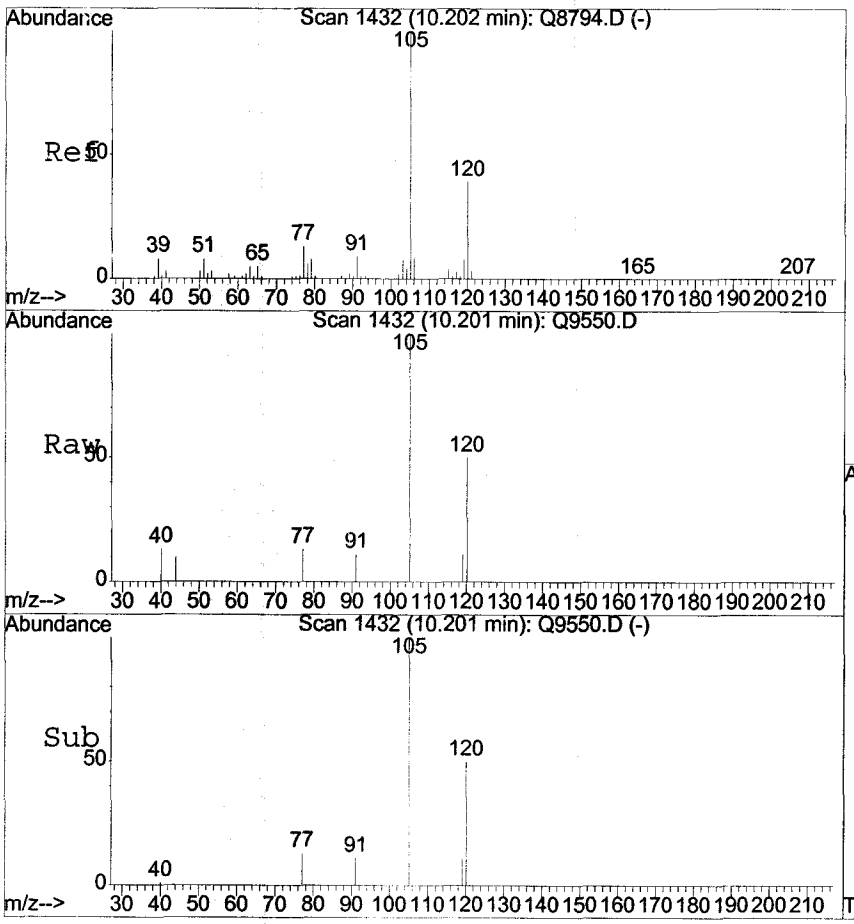


#58
C246 m,p-Xylene
Concen: 4.45 ng
RT: 8.60 min Scan# 1168
Delta R.T. 0.00 min
Lab File: Q9550.D
Acq: 27 Dec 2005 23:12

Tgt Ion:106 Resp: 5578

Ion	Ratio	Lower	Upper
106	100		
91	167.3	191.5	231.5#

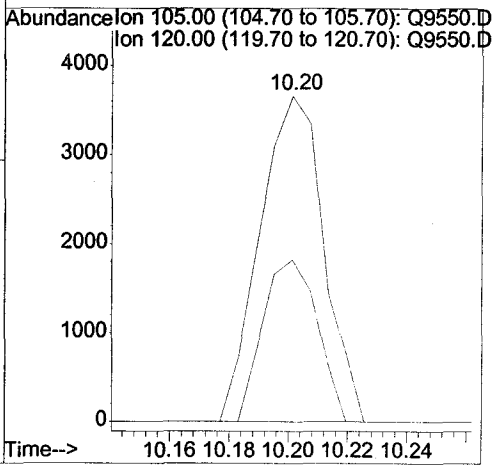




#74
C307 1,2,4-Trimethylbenzene
Concen: 2.24 ng
RT: 10.20 min Scan# 1432
Delta R.T. 0.00 min
Lab File: Q9550.D
Acq: 27 Dec 2005 23:12

Tgt Ion:105 Resp: 5470

Ion	Ratio	Lower	Upper
105	100		
120	49.8	24.2	64.2



METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.

MW-33

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A5E58718

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q9553.RR

Level: (low/med) LOW Date Samp/Recv: 12/21/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/28/2005

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	5.0	U
71-43-2	Benzene	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon Disulfide	1.0	U
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	1.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	1.0	U
110-82-7	Cyclohexane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-59-2	cis-1,2-Dichloroethene	7.0	
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
98-82-8	Isopropylbenzene	1.0	U
79-20-9	Methyl acetate	1.0	U
108-87-2	Methylcyclohexane	1.0	U
75-09-2	Methylene chloride	1.0	U

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.

MW-33

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A5E58718

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q9553.RR

Level: (low/med) LOW Date Samp/Recv: 12/21/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/28/2005

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

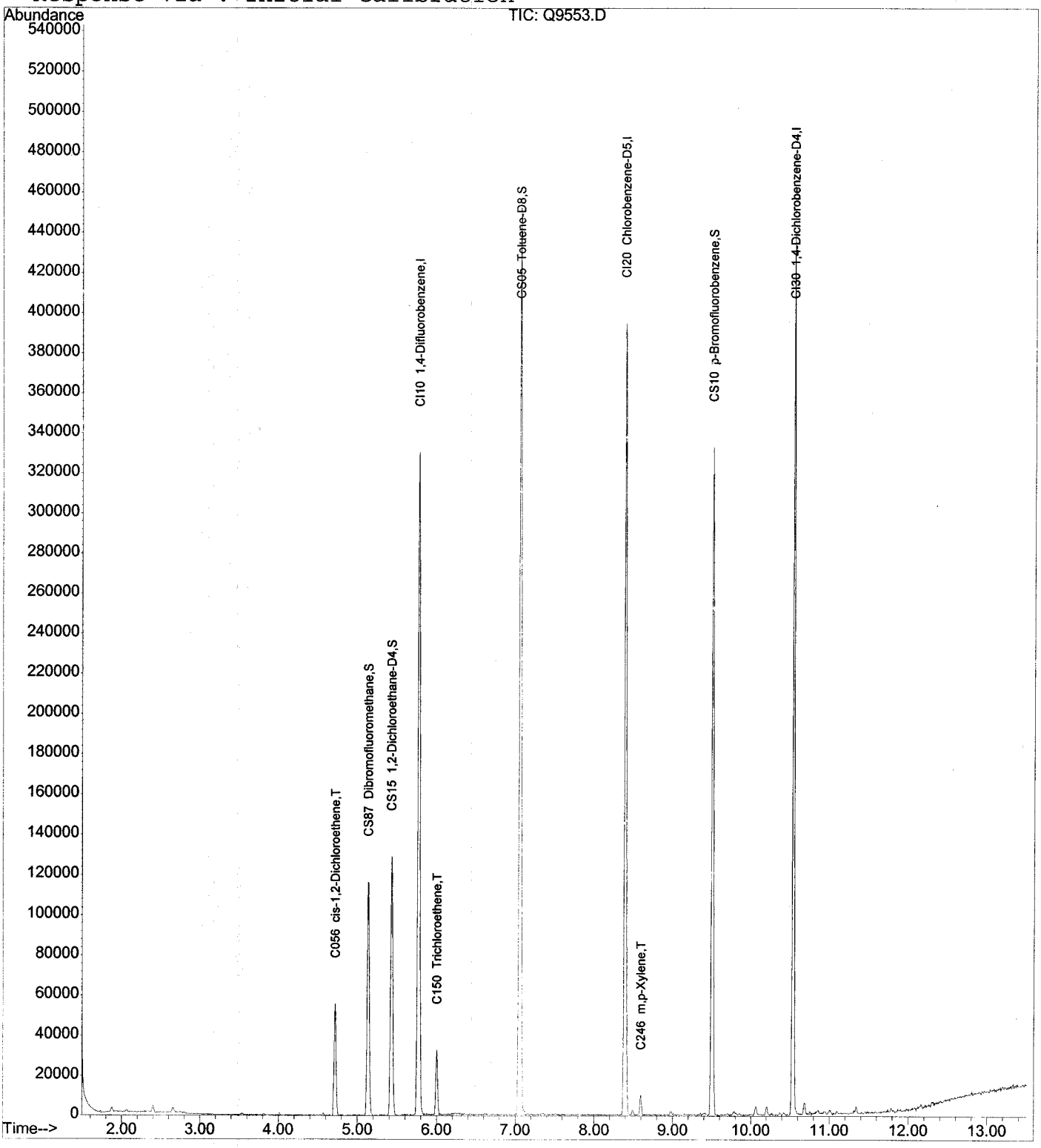
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	5.0	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	1.0	U
91-20-3	Naphthalene	1.0	U
100-42-5	Styrene	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
79-01-6	Trichloroethene	3.1	
75-01-4	Vinyl chloride	1.0	U
1330-20-7	Total Xylenes	3.0	U

Quantitation Report

Data File : C:\HPCHEM\1\DATA\122705\Q9553.D Vial: 36
Acq On : 28 Dec 2005 00:37 Operator: TLC
Sample : A5E58718 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 28 8:44 2005 Quant Results File: A5I02444.RES

Method : C:\HPCHEM\1\METHODS\Q8260\A5I02444.M (RTE Integrator)
Title : 8260 5ML
Last Update : Wed Dec 28 08:38:57 2005
Response via : Initial Calibration



Quantitation Report STL Buffalo

Data File : C:\HPCHEM\1\DATA\122705\Q9553.D Vial: 36
Acq On : 28 Dec 2005 00:37 Operator: TLC
Sample : A5E58718 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 28 8:44 2005 Quant Results File: A5I02444.RES

Quant Method : C:\HPCHEM\1...\A5I02444.M (RTE Integrator)
Title : 8260 5ML
Last Update : Wed Dec 28 08:38:57 2005
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : C:\HPCHEM\1\DATA\122705\Q9545.D (27 Dec 2005 20:40)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.77	114	275616	125.00	ng	0.00 95.64%
43) CI20	Chlorobenzene-D5	8.39	117	242307	125.00	ng	0.00 96.07%
62) CI30	1,4-Dichlorobenzene-	10.54	152	117830	125.00	ng	0.00 93.48%
System Monitoring Compounds							
30) CS87	Dibromofluoromethane	5.13	111	73542	122.62	ng	0.00
Spiked Amount	125.000	Range	70 - 130	Recovery =	98.10%		
31) CS15	1,2-Dichloroethane-D	5.43	65	84943	121.81	ng	0.00
Spiked Amount	125.000	Range	72 - 143	Recovery =	97.45%		
44) CS05	Toluene-D8	7.06	98	299288	125.03	ng	0.00
Spiked Amount	125.000	Range	76 - 116	Recovery =	100.02%		
61) CS10	p-Bromofluorobenzene	9.50	174	100554	130.37	ng	0.00
Spiked Amount	125.000	Range	73 - 117	Recovery =	104.30%		

Target Compounds					Qvalue
2) C290	Dichlorodifluorometh	0.00	85	0	N.D.
3) C010	Chloromethane	0.00	50	0	N.D.
4) C020	Vinyl chloride	0.00	62	0	N.D.
5) C015	Bromomethane	0.00	94	0	N.D.
6) C025	Chloroethane	0.00	64	0	N.D.
7) C275	Trichlorofluorometha	0.00	101	0	N.D.
8) C045	1,1-Dichloroethene	0.00	96	0	N.D.
9) C030	Methylene chloride	0.00	84	0	N.D.
10) C040	Carbon disulfide	0.00	76	0	N.D.
11) C036	Acrolein	0.00	56	0	N.D.
12) C038	Acrylonitrile	0.00	53	0	N.D.
13) C035	Acetone	0.00	43	0	N.D.
14) C300	Acetonitrile	0.00	41	0	N.D.
15) C276	Iodomethane	0.00	142	0	N.D.
16) C291	1,1,2 Trichloro-1,2,	0.00	101	0	N.D.
17) C962	T-butyl Methyl Ether	3.80	73	295	N.D.
18) C057	trans-1,2-Dichloroet	0.00	96	0	N.D.
19) C255	Methyl Acetate	3.53	43	1177	N.D.
20) C050	1,1-Dichloroethane	0.00	63	0	N.D.
21) C125	Vinyl Acetate	0.00	43	0	N.D.
22) C051	2,2-Dichloropropane	0.00	77	0	N.D.

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

Quantitation Report STL Buffalo

Data File : C:\HPCHEM\1\DATA\122705\Q9553.D Vial: 36
Acq On : 28 Dec 2005 00:37 Operator: TLC
Sample : A5E58718 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 28 8:44 2005 Quant Results File: A5I02444.RES

Quant Method : C:\HPCHEM\1...\A5I02444.M (RTE Integrator)
Title : 8260 5ML
Last Update : Wed Dec 28 08:38:57 2005
Response via : Initial Calibration
DataAcq Meth : VOA

	Compound		R.T.	QIon	Response	Conc	Unit		Qvalue
23)	C056	cis-1,2-Dichloroethe	4.72	96	24951	35.20	ng	#	85
24)	C272	Tetrahydrofuran	0.00	42	0	N.D.			
25)	C222	Bromochloromethane	0.00	128	0	N.D.			
26)	C060	Chloroform	0.00	83	0	N.D.			
27)	C115	1,1,1-Trichloroethan	0.00	97	0	N.D.			
28)	C120	Carbon tetrachloride	0.00	117	0	N.D.			
29)	C116	1,1-Dichloropropene	0.00	75	0	N.D.			
32)	C165	Benzene	0.00	78	0	N.D.			
33)	C065	1,2-Dichloroethane	0.00	62	0	N.D.			
34)	C110	2-Butanone	0.00	43	0	N.D.			
35)	C256	Cyclohexane	0.00	56	0	N.D.			
36)	C150	Trichloroethene	6.00	95	10248	15.37	ng	#	76
37)	C140	1,2-Dichloropropane	0.00	63	0	N.D.			
38)	C278	Dibromomethane	0.00	93	0	N.D.			
39)	C130	Bromodichloromethane	0.00	83	0	N.D.			
40)	C161	2-Chloroethylvinyl E	0.00	63	0	N.D.			
41)	C012	Methylcycolhexane	0.00	83	0	N.D.			
42)	C145	cis-1,3-Dichloroprop	0.00	75	0	N.D.			
45)	C230	Toluene	7.11	92	707	N.D.			
46)	C170	trans-1,3-Dichloropr	0.00	75	0	N.D.			
47)	C284	Ethyl Methacrylate	0.00	69	0	N.D.			
48)	C160	1,1,2-Trichloroethan	0.00	83	0	N.D.			
49)	C210	4-Methyl-2-pentanone	7.05	43	1007	N.D.			
50)	C220	Tetrachloroethene	0.00	166	0	N.D.			
51)	C221	1,3-Dichloropropane	0.00	76	0	N.D.			
52)	C155	Dibromochloromethane	0.00	129	0	N.D.			
53)	C163	1,2-Dibromoethane	0.00	107	0	N.D.			
54)	C215	2-Hexanone	0.00	43	0	N.D.			
55)	C235	Chlorobenzene	0.00	112	0	N.D.			
56)	C281	1,1,1,2-Tetrachloroe	0.00	131	0	N.D.			
57)	C240	Ethylbenzene	8.49	91	2545	N.D.			
58)	C246	m,p-Xylene	8.60	106	3900	3.16	ng		95
59)	C247	o-Xylene	8.98	106	835	N.D.			
60)	C245	Styrene	0.00	104	0	N.D.			
63)	C180	Bromoform	0.00	173	0	N.D.			
64)	C966	Isopropylbenzene	0.00	105	0	N.D.			
65)	C301	Bromobenzene	0.00	156	0	N.D.			
66)	C225	1,1,2,2-Tetrachloroe	0.00	83	0	N.D.			
67)	C282	1,2,3-Trichloropropa	0.00	110	0	N.D.			
68)	C283	t-1,4-Dichloro-2-But	0.00	51	0	N.D.			
69)	C302	n-Propylbenzene	9.70	91	553	N.D.			

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

1/12/06

Quantitation Report STL Buffalo

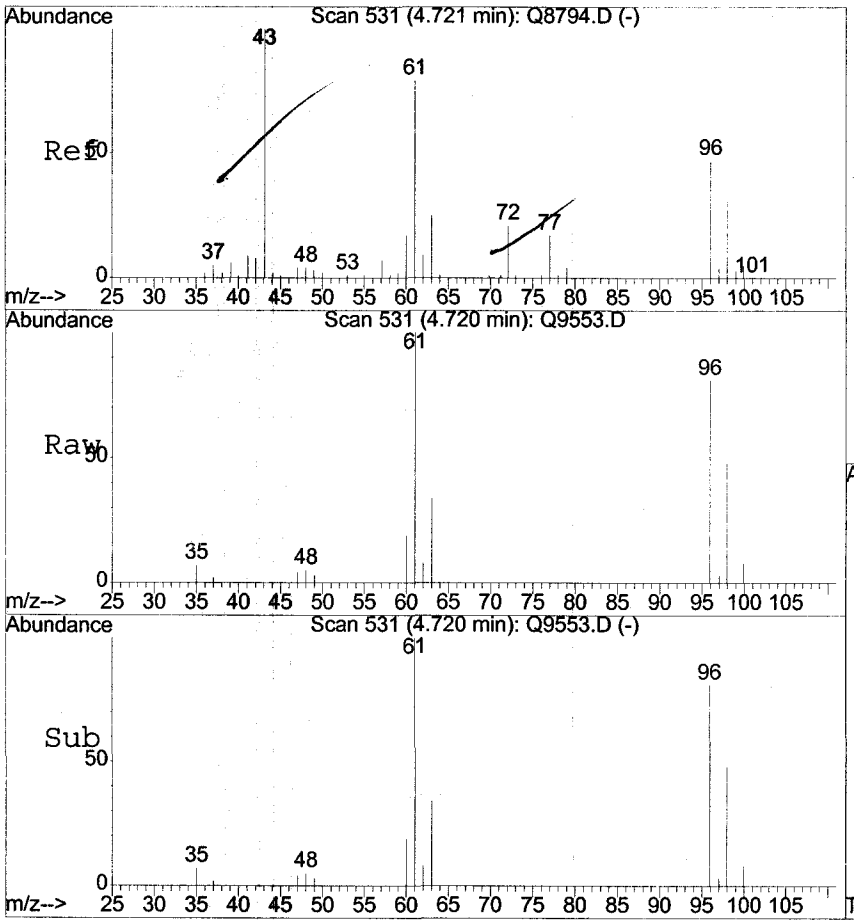
Data File : C:\HPCHEM\1\DATA\122705\Q9553.D Vial: 36
Acq On : 28 Dec 2005 00:37 Operator: TLC
Sample : A5E58718 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 28 8:44 2005 Quant Results File: A5I02444.RES

Quant Method : C:\HPCHEM\1...\A5I02444.M (RTE Integrator)
Title : 8260 5ML
Last Update : Wed Dec 28 08:38:57 2005
Response via : Initial Calibration
DataAcq Meth : VOA

	Compound		R.T.	QIon	Response	Conc Unit	Qvalue
70)	C303	2-Chlorotoluene	0.00	126	0	N.D.	
71)	C289	4-Chlorotoluene	0.00	126	0	N.D.	
72)	C304	1,3,5-Trimethylbenze	9.85	105	808	N.D.	
73)	C306	tert-Butylbenzene	0.00	134	0	N.D.	
74)	C307	1,2,4-Trimethylbenze	10.20	105	4146	N.D.	
75)	C308	sec-Butylbenzene	10.20	105	4146	N.D.	
76)	C260	1,3-Dichlorobenzene	0.00	146	0	N.D.	
77)	C309	4-Isopropyltoluene	0.00	119	0	N.D.	
78)	C267	1,4-Dichlorobenzene	0.00	146	0	N.D.	
79)	C249	1,2-Dichlorobenzene	0.00	146	0	N.D.	
80)	C310	n-Butylbenzene	10.81	91	145	N.D.	
81)	C286	1,2-Dibromo-3-Chloro	0.00	75	0	N.D.	
82)	C313	1,2,4-Trichlorobenze	0.00	180	0	N.D.	
83)	C316	Hexachlorobutadiene	0.00	225	0	N.D.	
84)	C314	Naphthalene	12.30	128	2098	N.D.	
85)	C934	1,2,3-Trichlorobenze	0.00	180	0	N.D.	

mp 1/12/2006

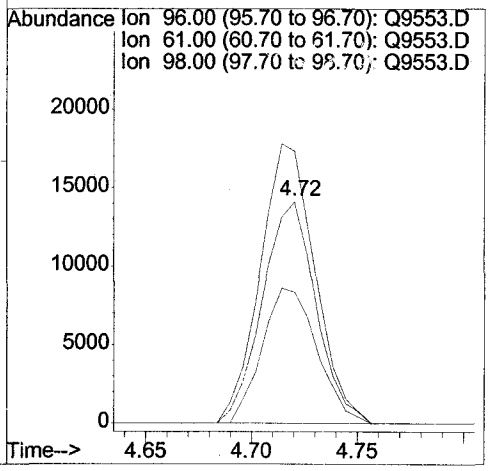
(#) = qualifier out of range (m) = manual integration

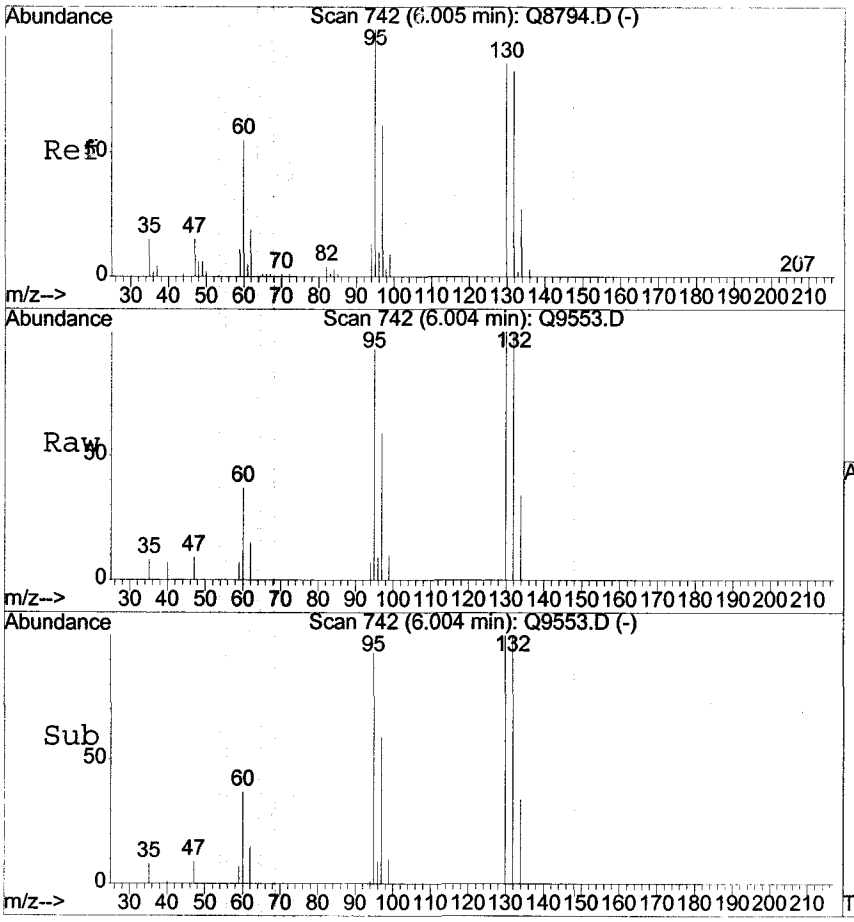


#23
C056 cis-1,2-Dichloroethene
Concen: 35.20 ng
RT: 4.72 min Scan# 531
Delta R.T. 0.00 min
Lab File: Q9553.D
Acq: 28 Dec 2005 00:37

Tgt Ion: 96 Resp: 24951

Ion	Ratio	Lower	Upper
96	100		
61	123.1	128.0	168.0#
98	59.2	43.4	83.4

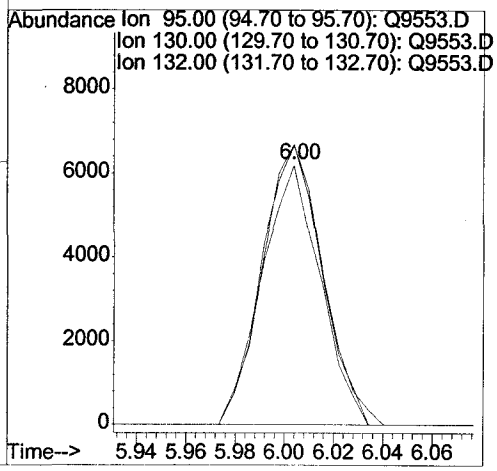


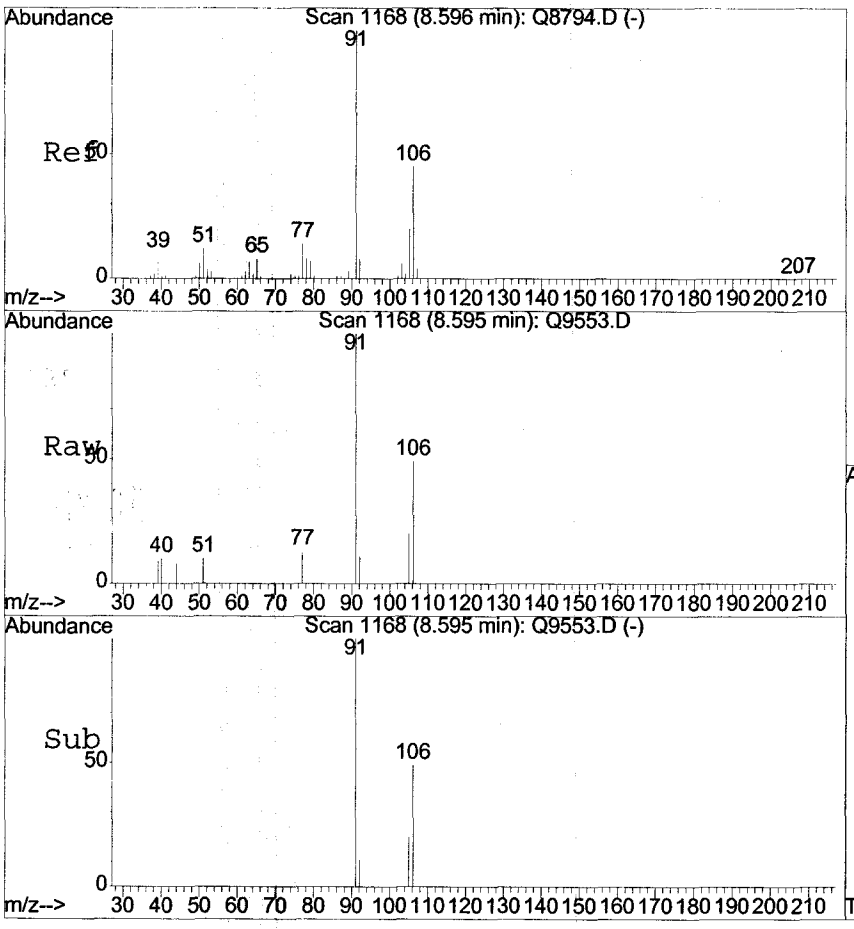


#36
C150 Trichloroethene
Concen: 15.37 ng
RT: 6.00 min Scan# 742
Delta R.T. 0.00 min
Lab File: Q9553.D
Acq: 28 Dec 2005 00:37

Tgt Ion: 95 Resp: 10248

Ion	Ratio	Lower	Upper
95	100		
130	108.0	68.8	108.8
132	107.6	63.4	103.4#

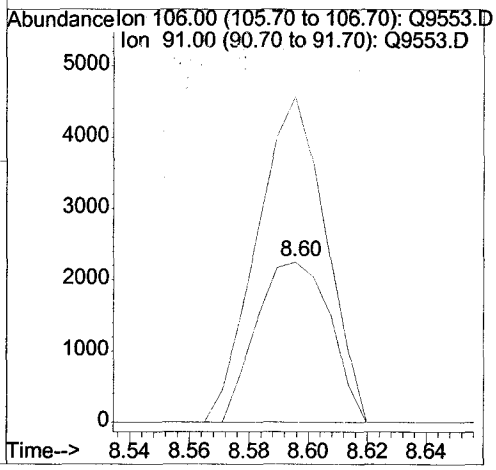




#58
C246 m,p-Xylene
Concen: 3.16 ng
RT: 8.60 min Scan# 1168
Delta R.T. 0.00 min
Lab File: Q9553.D
Acq: 28 Dec 2005 00:37

Tgt Ion:106 Resp: 3900

Ion	Ratio	Lower	Upper
106	100		
91	203.3	191.5	231.5



METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.

MW-34

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A5E58710

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: S9694.RR

Level: (low/med) LOW Date Samp/Recv: 12/21/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/28/2005

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	5.0	U
71-43-2	Benzene	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon Disulfide	1.0	U
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	1.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	1.0	U
110-82-7	Cyclohexane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U
75-34-3	1,1-Dichloroethane	0.82	J
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-59-2	cis-1,2-Dichloroethene	110	E
156-60-5	trans-1,2-Dichloroethene	0.67	J
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
98-82-8	Isopropylbenzene	1.0	U
79-20-9	Methyl acetate	1.0	U
108-87-2	Methylcyclohexane	1.0	U
75-09-2	Methylene chloride	1.0	U

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.

MW-34

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A5E58710

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: S9694.RR

Level: (low/med) LOW Date Samp/Recv: 12/21/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/28/2005

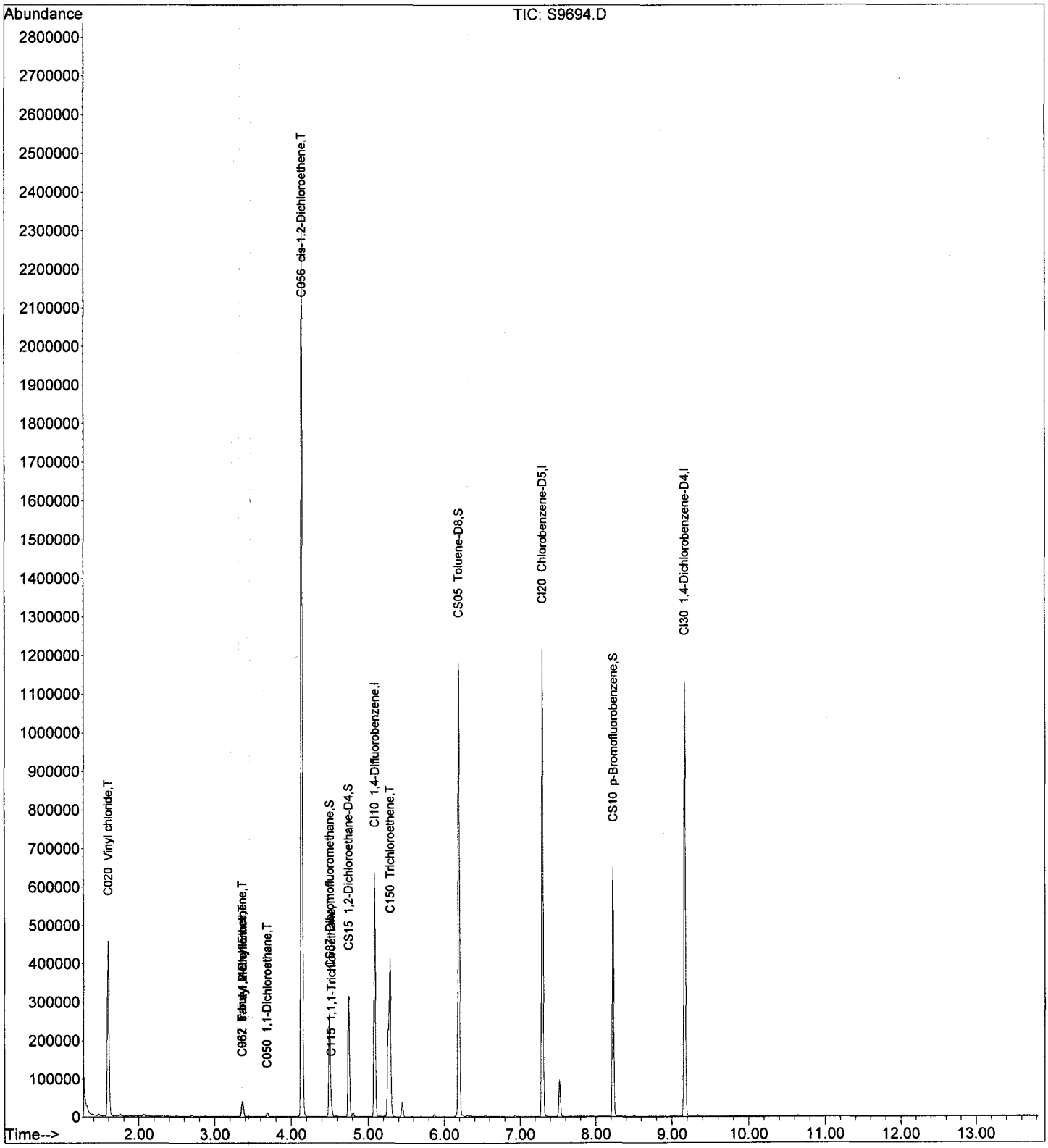
GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	5.0	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	1.4	
91-20-3	Naphthalene	1.0	U
100-42-5	Styrene	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.1	
79-00-5	1,1,2-Trichloroethane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
79-01-6	Trichloroethene	16	
75-01-4	Vinyl chloride	63	
1330-20-7	Total Xylenes	3.0	U

Data File : D:\DATA\122805\S9694.D Vial: 5
Acq On : 28 Dec 2005 10:08 Operator: LH
Sample : A5E58710 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Dec 28 12:20:05 2005 Results File: A5I0002442_E2.RES
Quant Method : C:\MSDCHEM\1...\A5I0002442_E2.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Dec 28 09:45:03 2005
Response via : Initial Calibration
DataAcq Meth : VOA



Quantitation Report STL Buffalo (Not Reviewed)

Data File : D:\DATA\122805\S9694.D Vial: 5
Acq On : 28 Dec 2005 10:08 Operator: LH
Sample : A5E58710 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 28 12:20:05 2005 Results File: A5I0002442_E2.RES

Reshoot DF2

Quant Method : C:\MSDCHEM\1...\A5I0002442_E2.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Dec 28 09:45:03 2005
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\DATA\122805\S9691.D (28 Dec 2005 8:52)

SRE 12/29/05 TLC

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.09	114	379329	125.00	ng	0.00 96.71%
43) CI20	Chlorobenzene-D5	7.30	117	541725	125.00	ng	0.00 97.15%
62) CI30	1,4-Dichlorobenzene-	9.17	152	253813	125.00	ng	0.00 87.32%
System Monitoring Compounds							
30) CS87	Dibromofluoromethane	4.50	111	137580	128.50	ng	0.00
Spiked Amount	125.000	Range	70 - 130	Recovery	=	102.80%	
31) CS15	1,2-Dichloroethane-D	4.75	65	143661	122.95	ng	0.00
Spiked Amount	125.000	Range	73 - 136	Recovery	=	98.36%	
44) CS05	Toluene-D8	6.19	98	613079	114.25	ng	0.00
Spiked Amount	125.000	Range	77 - 122	Recovery	=	91.40%	
61) CS10	p-Bromofluorobenzene	8.23	174	125174	102.72	ng	0.00
Spiked Amount	125.000	Range	74 - 120	Recovery	=	82.18%	
Target Compounds							Qvalue
2) C290	Dichlorodifluorome	0.00	85	0	N.D.		
3) C010	Chloromethane	0.00	50	0	N.D.		
4) C020	Vinyl chloride	1.60	62	399695	314.44	ng	100
5) C015	Bromomethane	0.00	94	0	N.D.		
6) C025	Chloroethane	0.00	64	0	N.D.		
7) C275	Trichlorofluoromet	0.00	101	0	N.D.		
8) C045	1,1-Dichloroethene	2.70	96	1028	N.D.		
9) C030	Methylene chloride	0.00	84	0	N.D.		
10) C040	Carbon disulfide	2.88	76	1428	N.D.		
11) C036	Acrolein	0.00	56	0	N.D.		
12) C038	Acrylonitrile	3.32	53	307	N.D.		
13) C035	Acetone	2.76	43	539	N.D.		
14) C300	Acetonitrile	0.00	41	0	N.D.		
15) C276	Iodomethane	0.00	142	0	N.D.		
16) C291	1,1,2 Trichloro-1,	0.00	101	0	N.D.		
17) C962	T-butyl Methyl Ether	3.37	73	21442	6.92	ng #	78
18) C057	trans-1,2-Dichloroet	3.36	96	4469	3.34	ng #	84
19) C255	Methyl Acetate	0.00	43	0	N.D.		
20) C050	1,1-Dichloroethane	3.68	63	10085	4.11	ng	95
21) C125	Vinyl Acetate	0.00	43	0	N.D.		
22) C051	2,2-Dichloropropan	0.00	77	0	N.D.		
23) C056	cis-1,2-Dichloroethe	4.14	96	807135	565.36	ng	91
24) C272	Tetrahydrofuran	0.00	42	0	N.D.		
25) C222	Bromochloromethane	0.00	128	0	N.D.		
26) C060	Chloroform	0.00	83	0	N.D.		
27) C115	1,1,1-Trichloroethan	4.53	97	9234	5.60	ng	88
28) C120	Carbon tetrachlori	0.00	117	0	N.D.		
29) C116	1,1-Dichloropropen	0.00	75	0	N.D.		
32) C165	Benzene	4.80	78	7385	N.D.		
33) C065	1,2-Dichloroethane	0.00	62	0	N.D.		
34) C110	2-Butanone	0.00	43	0	N.D.		
35) C256	Cyclohexane	4.58	56	1091	N.D.		
36) C150	Trichloroethene	5.29	95	107247	79.89	ng	98
37) C140	1,2-Dichloropropan	0.00	63	0	N.D.		
38) C278	Dibromomethane	0.00	93	0	N.D.		

1/12/2006

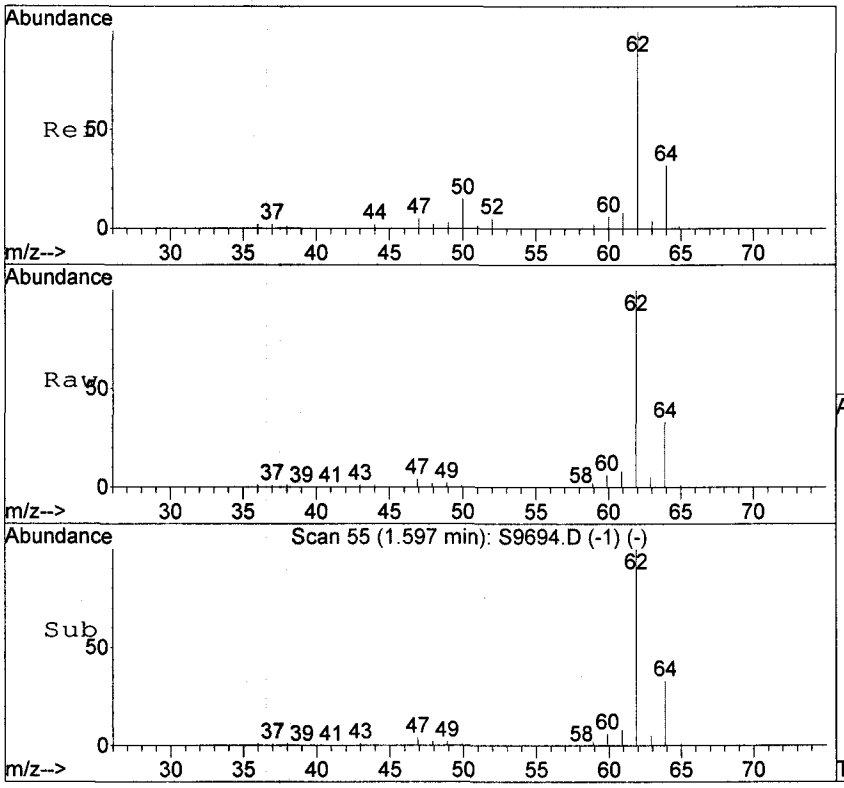
Data File : D:\DATA\122805\S9694.D Vial: 5
Acq On : 28 Dec 2005 10:08 Operator: LH
Sample : A5E58710 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 28 12:20:05 2005 Results File: A5I0002442_E2.RES

Quant Method : C:\MSDCHEM\1...\A5I0002442_E2.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Dec 28 09:45:03 2005
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\DATA\122805\S9691.D (28 Dec 2005 8:52)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
39) C130	Bromodichlorometha	5.69	83	434	N.D.		
40) C161	2-Chloroethylvinyl	0.00	63	0	N.D.		
41) C012	Methylcycolhexane	0.00	83	0	N.D.		
42) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.		
45) C230	Toluene	6.24	92	844	N.D.		
46) C170	trans-1,3-Dichloro	0.00	75	0	N.D.		
47) C284	Ethyl Methacrylate	6.31	69	315	N.D.		
48) C160	1,1,2-Trichloroeth	0.00	83	0	N.D.		
49) C210	4-Methyl-2-pentano	6.19	43	2843	N.D.		
50) C220	Tetrachloroethene	0.00	166	0	N.D.		
51) C221	1,3-Dichloropropan	0.00	76	0	N.D.		
52) C155	Dibromochlorometha	0.00	129	0	N.D.		
53) C163	1,2-Dibromoethane	0.00	107	0	N.D.		
54) C215	2-Hexanone	0.00	43	0	N.D.		
55) C235	Chlorobenzene	7.32	112	1120	N.D.		
56) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.		
57) C240	Ethylbenzene	7.50	91	540	N.D.		
58) C246	m,p-Xylene	7.50	106	136	N.D.		
59) C247	o-Xylene	0.00	106	0	N.D.		
60) C245	Styrene	0.00	104	0	N.D.		
63) C180	Bromoform	0.00	173	0	N.D.		
64) C966	Isopropylbenzene	8.11	105	301	N.D.		
65) C301	Bromobenzene	8.51	156	151	N.D.		
66) C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.		
67) C282	1,2,3-Trichloropro	0.00	110	0	N.D.		
68) C283	t-1,4-Dichloro-2-B	0.00	53	0	N.D.		
69) C302	n-Propylbenzene	8.61	91	174	N.D.		
70) C303	2-Chlorotoluene	0.00	126	0	N.D.		
71) C289	4-Chlorotoluene	0.00	126	0	N.D.		
72) C304	1,3,5-Trimethylben	0.00	105	0	N.D.		
73) C306	tert-Butylbenzene	9.03	134	491	N.D.		
74) C307	1,2,4-Trimethylben	9.03	105	3492	N.D.		
75) C308	sec-Butylbenzene	9.03	105	3492	N.D.		
76) C260	1,3-Dichlorobenzen	9.12	146	132	N.D.		
77) C309	4-Isopropyltoluene	9.15	119	320	N.D.		
78) C267	1,4-Dichlorobenzen	9.19	146	339	N.D.		
79) C249	1,2-Dichlorobenzen	9.50	146	664	N.D.		
80) C310	n-Butylbenzene	9.48	91	145	N.D.		
81) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.		
82) C313	1,2,4-Trichloroben	0.00	180	0	N.D.		
83) C316	Hexachlorobutadien	0.00	225	0	N.D.		
84) C314	Naphthalene	11.03	128	171	N.D.		
85) C934	1,2,3-Trichloroben	0.00	180	0	N.D.		

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

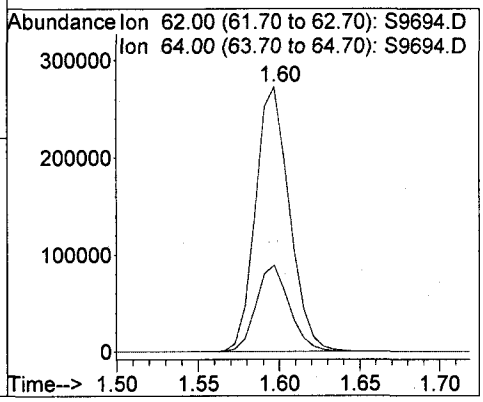
11/12/06

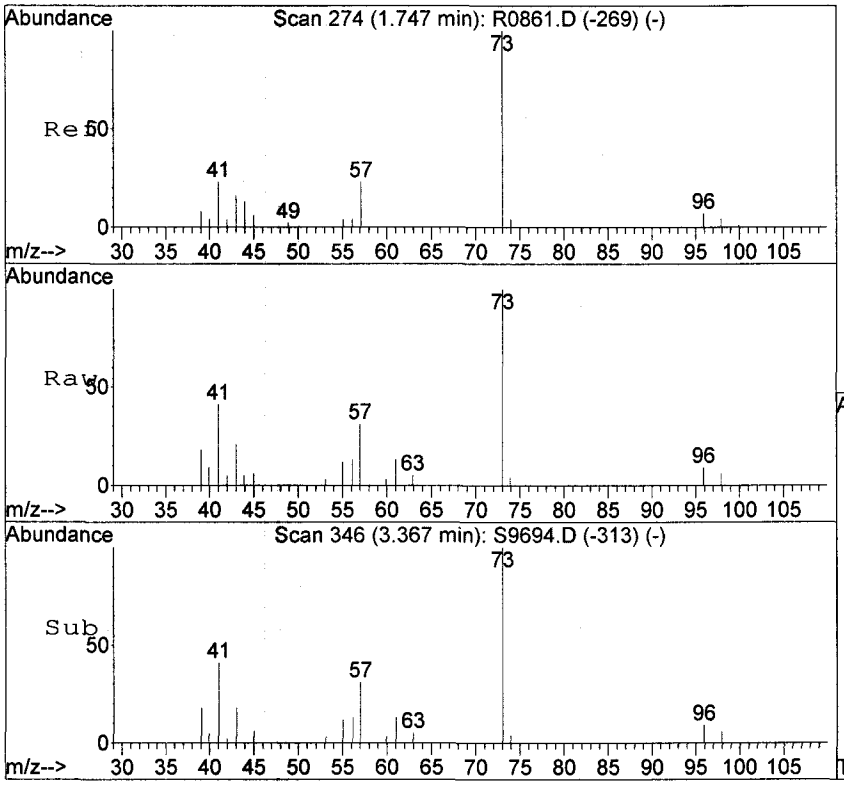


#4
C020 Vinyl chloride
Concen: 314.44 ng
RT: 1.60 min Scan# 55
Delta R.T. 0.00 min
Lab File: S9694.D
Acq: 28 Dec 2005 10:08

Tgt Ion: 62 Resp: 399695

Ion	Ratio	Lower	Upper
62	100		
64	32.6	12.8	52.8

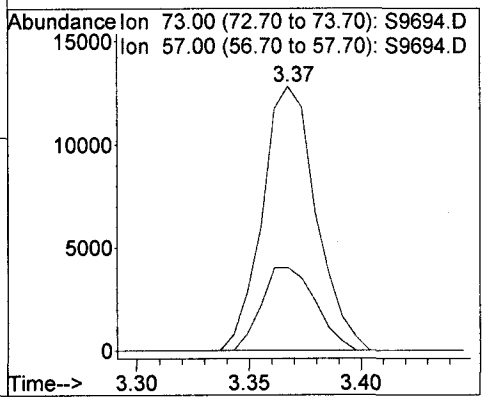


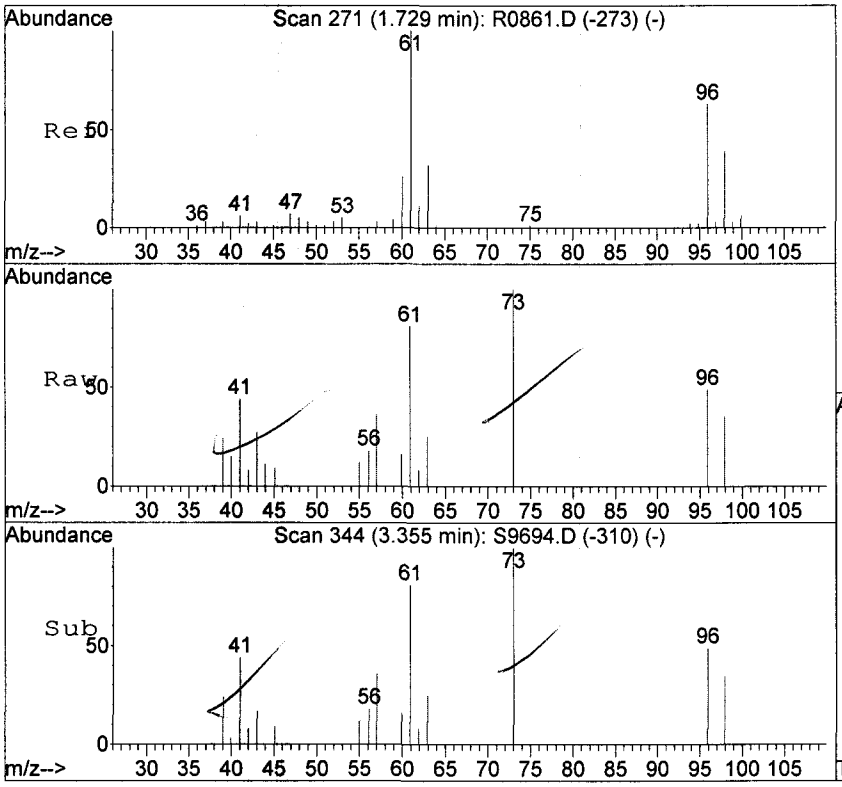


#17
C962 T-butyl Methyl Ether
Concen: 6.92 ng
RT: 3.37 min Scan# 346
Delta R.T. 0.00 min
Lab File: S9694.D
Acq: 28 Dec 2005 10:08

Tgt Ion: 73 Resp: 21442

Ion	Ratio	Lower	Upper
73	100		
57	31.6	17.0	25.6#

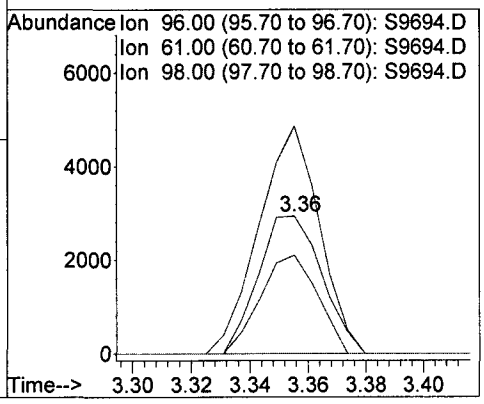


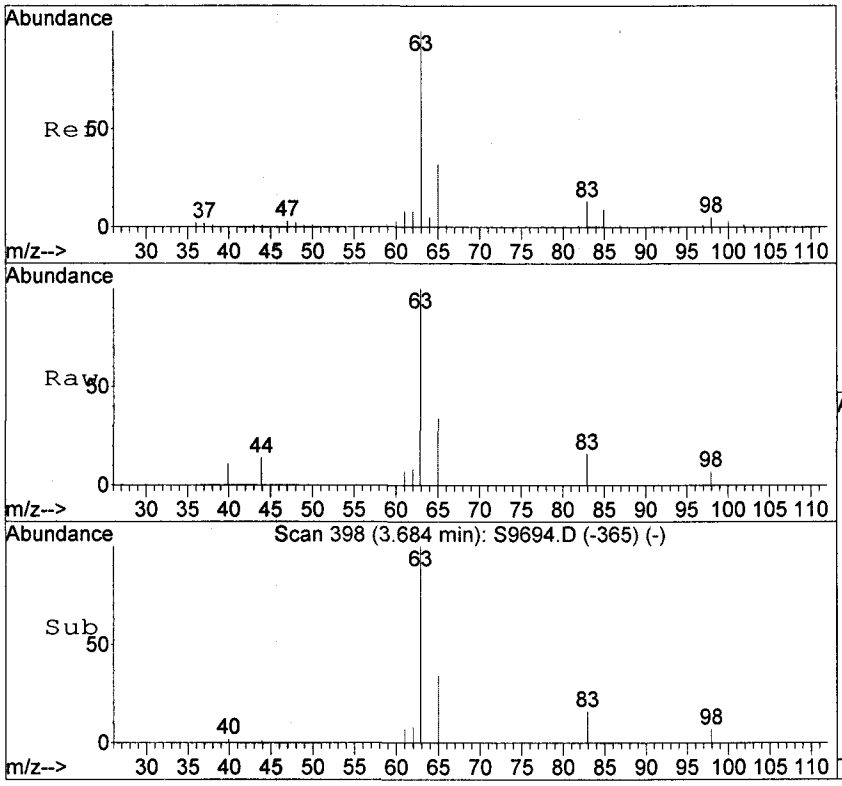


#18
C057 trans-1,2-Dichloroethene
Concen: 3.34 ng
RT: 3.36 min Scan# 344
Delta R.T. 0.01 min
Lab File: S9694.D
Acq: 28 Dec 2005 10:08

Tgt Ion: 96 Resp: 4469

Ion	Ratio	Lower	Upper
96	100		
61	165.8	122.5	162.5#
98	71.4	44.8	84.8

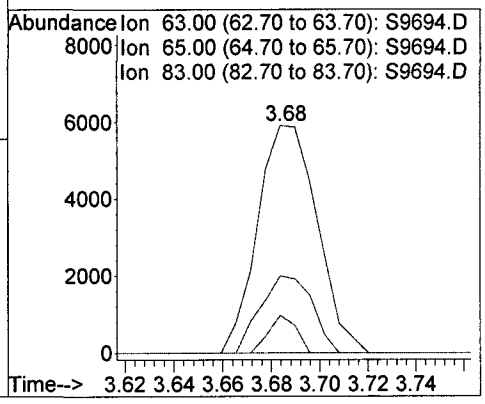


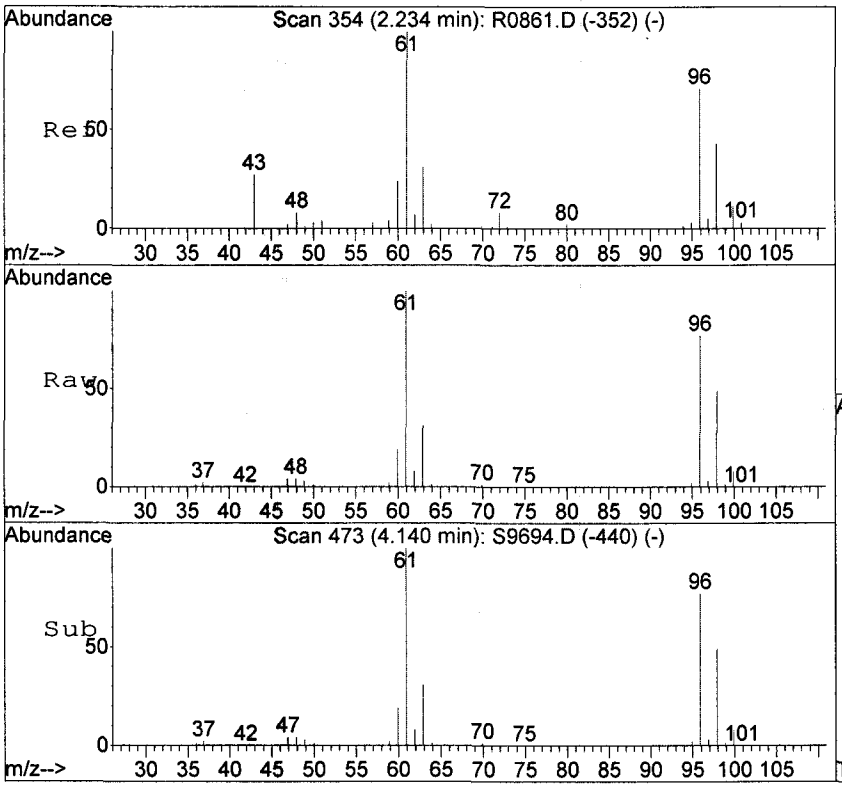


#20
C050 1,1-Dichloroethane
Concen: 4.11 ng
RT: 3.68 min Scan# 398
Delta R.T. 0.00 min
Lab File: S9694.D
Acq: 28 Dec 2005 10:08

Tgt Ion: 63 Resp: 10085

Ion	Ratio	Lower	Upper
63	100		
65	33.8	11.9	51.9
83	16.3	0.0	32.7

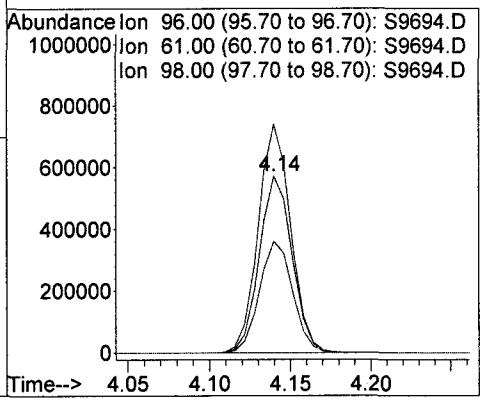


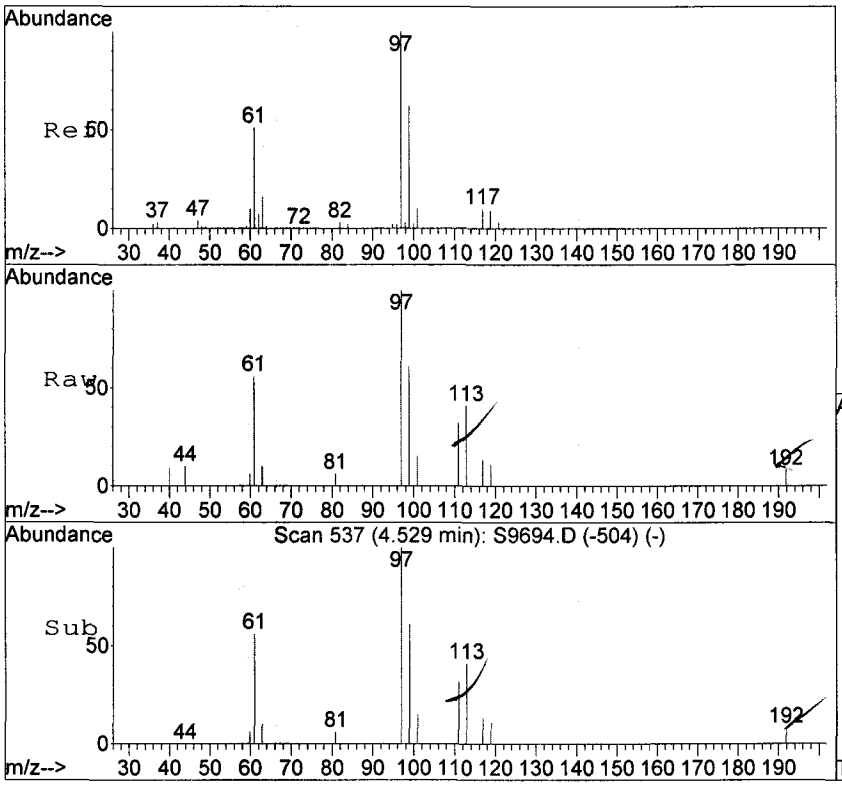


#23
C056 cis-1,2-Dichloroethene
Concen: 565.36 ng
RT: 4.14 min Scan# 473
Delta R.T. 0.00 min
Lab File: S9694.D
Acq: 28 Dec 2005 10:08

Tgt Ion: 96 Resp: 807135

Ion	Ratio	Lower	Upper
96	100		
61	129.3	124.0	164.0
98	63.1	44.3	84.3

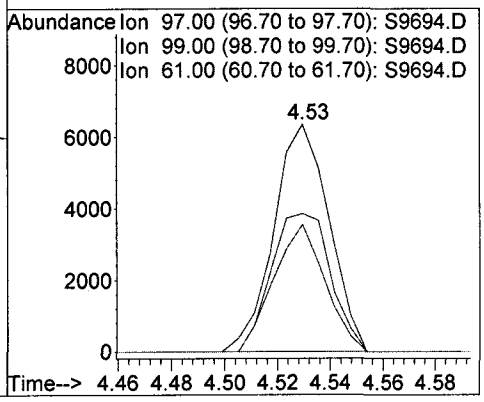


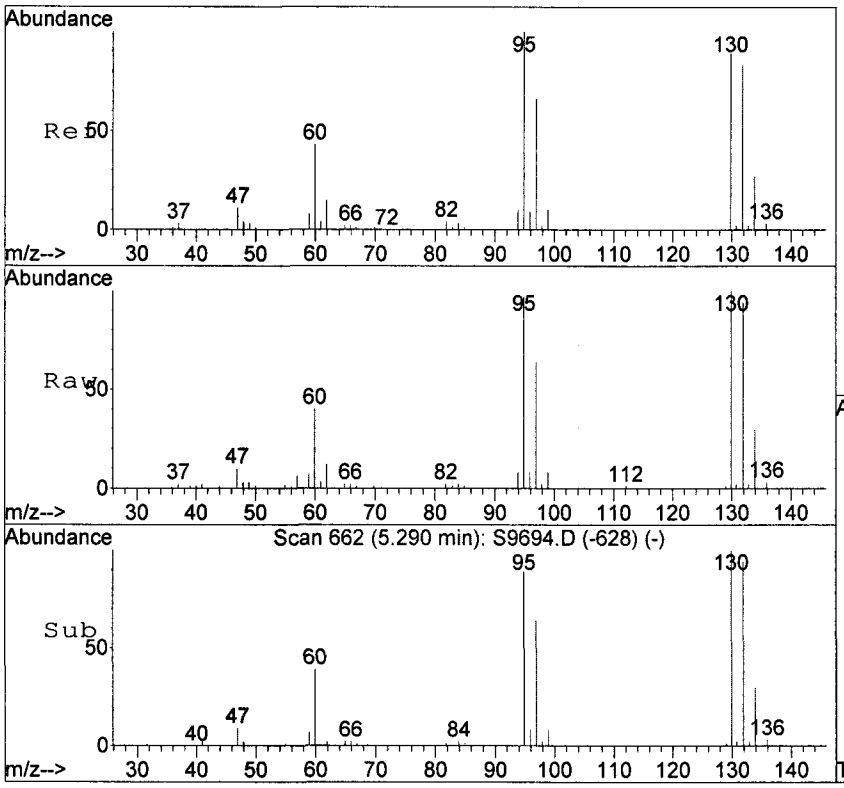


#27
C115 1,1,1-Trichloroethane
Concen: 5.60 ng
RT: 4.53 min Scan# 537
Delta R.T. 0.00 min
Lab File: S9694.D
Acq: 28 Dec 2005 10:08

Tgt Ion: 97 Resp: 9234

Ion	Ratio	Lower	Upper
97	100		
99	60.8	48.4	88.4
61	56.0	25.9	65.9

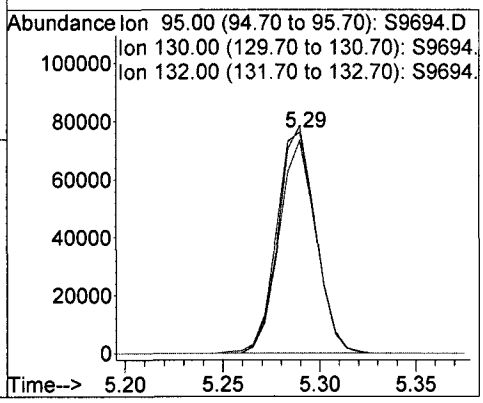




#36
C150 Trichloroethene
Concen: 79.89 ng
RT: 5.29 min Scan# 662
Delta R.T. 0.01 min
Lab File: S9694.D
Acq: 28 Dec 2005 10:08

Tgt Ion: 95 Resp: 107247

Ion	Ratio	Lower	Upper
95	100		
130	102.7	84.6	124.6
132	96.4	79.5	119.5



METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.

MW-34 DL

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A5E58710DL

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: S9724.RR

Level: (low/med) LOW Date Samp/Recv: 12/21/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/28/2005

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 2.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	10	U
71-43-2	Benzene	2.0	U
75-27-4	Bromodichloromethane	2.0	U
75-25-2	Bromoform	2.0	U
74-83-9	Bromomethane	2.0	U
78-93-3	2-Butanone	10	U
75-15-0	Carbon Disulfide	2.0	U
56-23-5	Carbon Tetrachloride	2.0	U
108-90-7	Chlorobenzene	2.0	U
75-00-3	Chloroethane	2.0	U
67-66-3	Chloroform	2.0	U
74-87-3	Chloromethane	2.0	U
110-82-7	Cyclohexane	2.0	U
106-93-4	1,2-Dibromoethane	2.0	U
124-48-1	Dibromochloromethane	2.0	U
96-12-8	1,2-Dibromo-3-chloropropane	2.0	U
95-50-1	1,2-Dichlorobenzene	2.0	U
541-73-1	1,3-Dichlorobenzene	2.0	U
106-46-7	1,4-Dichlorobenzene	2.0	U
75-71-8	Dichlorodifluoromethane	2.0	U
75-34-3	1,1-Dichloroethane	2.0	U
107-06-2	1,2-Dichloroethane	2.0	U
75-35-4	1,1-Dichloroethene	2.0	U
156-59-2	cis-1,2-Dichloroethene	110	D
156-60-5	trans-1,2-Dichloroethene	2.0	U
78-87-5	1,2-Dichloropropane	2.0	U
10061-01-5	cis-1,3-Dichloropropene	2.0	U
10061-02-6	trans-1,3-Dichloropropene	2.0	U
100-41-4	Ethylbenzene	2.0	U
591-78-6	2-Hexanone	10	U
98-82-8	Isopropylbenzene	2.0	U
79-20-9	Methyl acetate	2.0	U
108-87-2	Methylcyclohexane	2.0	U
75-09-2	Methylene chloride	2.0	U

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.

MW-34 DL

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A5E58710DL

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: S9724.RR

Level: (low/med) LOW Date Samp/Recv: 12/21/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/28/2005

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 2.00

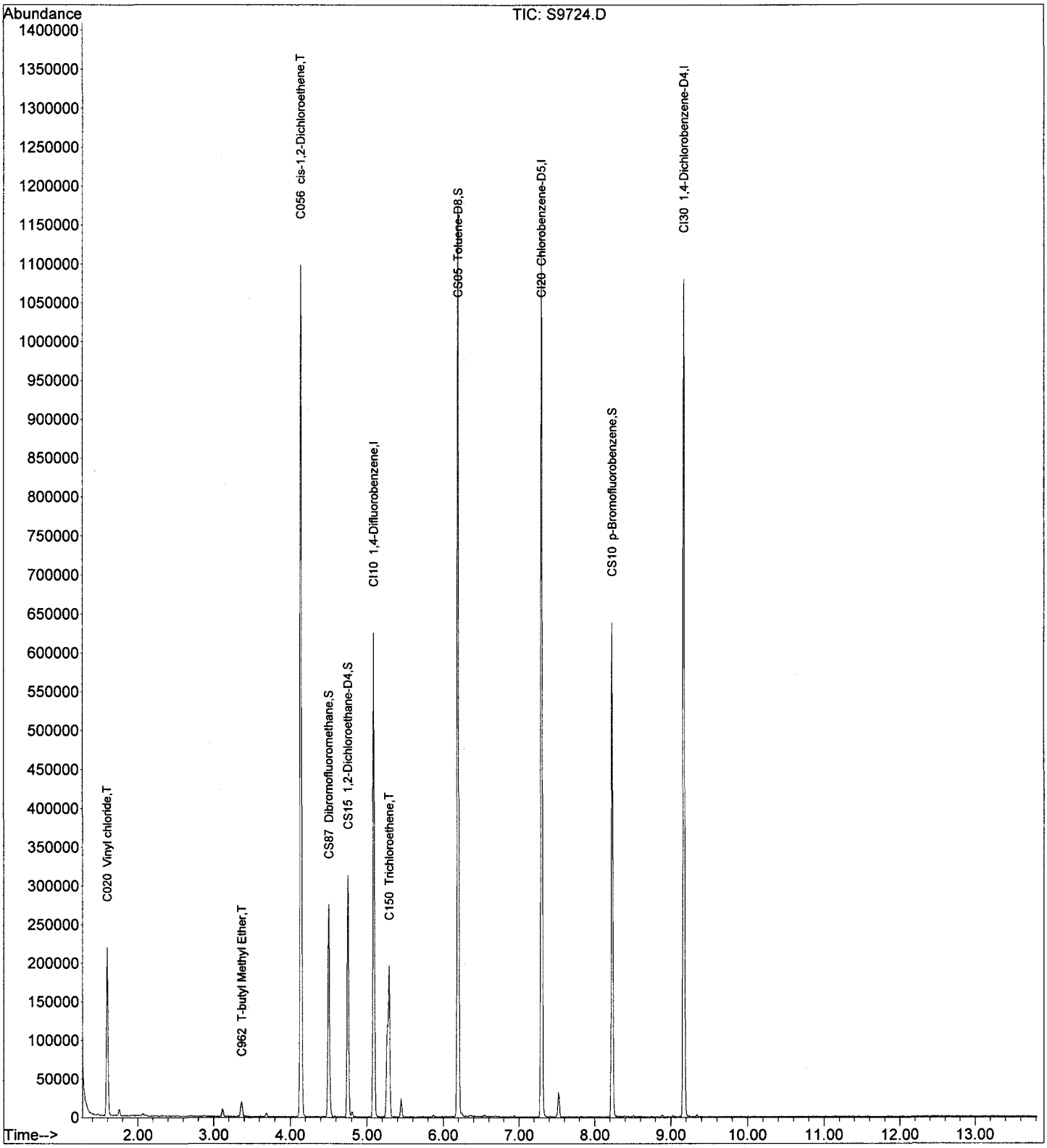
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	10	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	1.4	DJ
91-20-3	Naphthalene	2.0	U
100-42-5	Styrene	2.0	U
79-34-5	1,1,2,2-Tetrachloroethane	2.0	U
127-18-4	Tetrachloroethene	2.0	U
108-88-3	Toluene	2.0	U
120-82-1	1,2,4-Trichlorobenzene	2.0	U
71-55-6	1,1,1-Trichloroethane	2.0	U
79-00-5	1,1,2-Trichloroethane	2.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	2.0	U
75-69-4	Trichlorofluoromethane	2.0	U
79-01-6	Trichloroethene	15	D
75-01-4	Vinyl chloride	58	D
1330-20-7	Total Xylenes	6.0	U

Data File : D:\DATA\122805\S9724.D
Acq On : 28 Dec 2005 22:18
Sample : A5E58710DL DF2
Misc :
MS Integration Params: RTEINT.P

Vial: 30
Operator: TLC
Inst : HP5973S
Multiplr: 1.00

Quant Time: Dec 29 09:01:00 2005 Results File: A5I0002442_E2.RES
Quant Method : C:\MSDCHEM\1...\A5I0002442_E2.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Dec 28 20:05:16 2005
Response via : Initial Calibration
DataAcq Meth : VOA



Data File : D:\DATA\122805\S9724.D Vial: 30
Acq On : 28 Dec 2005 22:18 Operator: TLC
Sample : A5E58710DL DF2 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 29 09:01:00 2005 Results File: A5I0002442_E2.RES

Quant Method : C:\MSDCHEM\1...\A5I0002442_E2.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Dec 28 20:05:16 2005
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\DATA\122805\S9718.D (28 Dec 2005 19:47)

STB 12/29/05 LA

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10 1,4-Difluorobenzene	5.09	114	368158	125.00	ng	0.00 94.96%
43) CI20 Chlorobenzene-D5	7.30	117	526940	125.00	ng	0.00 94.46%
62) CI30 1,4-Dichlorobenzene-	9.17	152	248196	125.00	ng	0.00 84.03%
System Monitoring Compounds						
30) CS87 Dibromofluoromethane	4.50	111	137049	131.89	ng	0.00
Spiked Amount 125.000	Range 70 - 130		Recovery = 105.51%			
31) CS15 1,2-Dichloroethane-D	4.75	65	146364	129.06	ng	0.00
Spiked Amount 125.000	Range 73 - 136		Recovery = 103.25%			
44) CS05 Toluene-D8	6.20	98	606549	116.20	ng	0.00
Spiked Amount 125.000	Range 77 - 122		Recovery = 92.96%			
61) CS10 p-Bromofluorobenzene	8.23	174	126336	106.58	ng	0.00
Spiked Amount 125.000	Range 74 - 120		Recovery = 85.26%			
Target Compounds						Qvalue
2) C290 Dichlorodifluorome	0.00	85	0	N.D.		
3) C010 Chloromethane	0.00	50	0	N.D.		
4) C020 Vinyl chloride	1.60	62	177508	143.88	ng	99
5) C015 Bromomethane	0.00	94	0	N.D.		
6) C025 Chloroethane	0.00	64	0	N.D.		
7) C275 Trichlorofluoromet	0.00	101	0	N.D.		
8) C045 1,1-Dichloroethene	2.69	96	288	N.D.		
9) C030 Methylene chloride	3.12	84	3414	N.D.		
10) C040 Carbon disulfide	2.88	76	1365	N.D.		
11) C036 Acrolein	0.00	56	0	N.D.		
12) C038 Acrylonitrile	3.32	53	287	N.D.		
13) C035 Acetone	2.75	43	149	N.D.		
14) C300 Acetonitrile	0.00	41	0	N.D.		
15) C276 Iodomethane	0.00	142	0	N.D.		
16) C291 1,1,2 Trichloro-1,	0.00	101	0	N.D.		
17) C962 T-butyl Methyl Ether	3.37	73	10307	3.43	ng #	82
18) C057 trans-1,2-Dichloro	3.35	96	2288	N.D.		
19) C255 Methyl Acetate	0.00	43	0	N.D.		
20) C050 1,1-Dichloroethane	3.69	63	4369	N.D.		
21) C125 Vinyl Acetate	0.00	43	0	N.D.		
22) C051 2,2-Dichloropropan	0.00	77	0	N.D.		
23) C056 cis-1,2-Dichloroethe	4.14	96	379156	273.64	ng	91
24) C272 Tetrahydrofuran	0.00	42	0	N.D.		
25) C222 Bromochloromethane	0.00	128	0	N.D.		
26) C060 Chloroform	0.00	83	0	N.D.		
27) C115 1,1,1-Trichloroeth	4.53	97	3749	N.D.		
28) C120 Carbon tetrachlori	0.00	117	0	N.D.		
29) C116 1,1-Dichloropropen	0.00	75	0	N.D.		
32) C165 Benzene	4.81	78	5121	N.D.		
33) C065 1,2-Dichloroethane	0.00	62	0	N.D.		
34) C110 2-Butanone	0.00	43	0	N.D.		
35) C256 Cyclohexane	4.58	56	451	N.D.		
36) C150 Trichloroethene	5.29	95	49346	37.88	ng	96
37) C140 1,2-Dichloropropan	0.00	63	0	N.D.		
38) C278 Dibromomethane	0.00	93	0	N.D.		

MT 1/12/2006

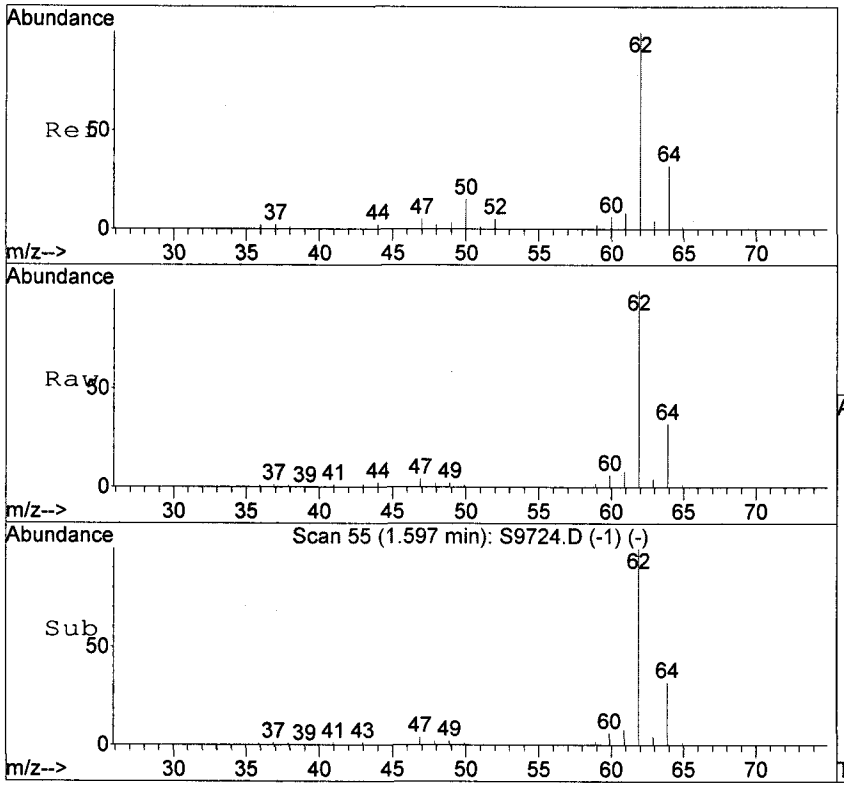
Data File : D:\DATA\122805\S9724.D Vial: 30
Acq On : 28 Dec 2005 22:18 Operator: TLC
Sample : A5E58710DL DF2 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 29 09:01:00 2005 Results File: A5I0002442_E2.RES

Quant Method : C:\MSDCHEM\1...\A5I0002442_E2.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Dec 28 20:05:16 2005
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\DATA\122805\S9718.D (28 Dec 2005 19:47)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
39) C130	Bromodichlorometha	5.70	83	140	N.D.		
40) C161	2-Chloroethylvinyl	0.00	63	0	N.D.		
41) C012	Methylcycolhexane	0.00	83	0	N.D.		
42) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.		
45) C230	Toluene	6.24	92	1276	N.D.		
46) C170	trans-1,3-Dichloro	0.00	75	0	N.D.		
47) C284	Ethyl Methacrylate	0.00	69	0	N.D.		
48) C160	1,1,2-Trichloroeth	0.00	83	0	N.D.		
49) C210	4-Methyl-2-pentano	6.19	43	2791	N.D.		
50) C220	Tetrachloroethene	0.00	166	0	N.D.		
51) C221	1,3-Dichloropropan	0.00	76	0	N.D.		
52) C155	Dibromochlorometha	0.00	129	0	N.D.		
53) C163	1,2-Dibromoethane	0.00	107	0	N.D.		
54) C215	2-Hexanone	0.00	43	0	N.D.		
55) C235	Chlorobenzene	7.32	112	275	N.D.		
56) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.		
57) C240	Ethylbenzene	7.41	91	809	N.D.		
58) C246	m,p-Xylene	7.50	106	883	N.D.		
59) C247	o-Xylene	0.00	106	0	N.D.		
60) C245	Styrene	0.00	104	0	N.D.		
63) C180	Bromoform	0.00	173	0	N.D.		
64) C966	Isopropylbenzene	0.00	105	0	N.D.		
65) C301	Bromobenzene	0.00	156	0	N.D.		
66) C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.		
67) C282	1,2,3-Trichloropro	0.00	110	0	N.D.		
68) C283	t-1,4-Dichloro-2-B	0.00	53	0	N.D.		
69) C302	n-Propylbenzene	8.45	91	376	N.D.		
70) C303	2-Chlorotoluene	0.00	126	0	N.D.		
71) C289	4-Chlorotoluene	0.00	126	0	N.D.		
72) C304	1,3,5-Trimethylben	8.58	105	494	N.D.		
73) C306	tert-Butylbenzene	0.00	134	0	N.D.		
74) C307	1,2,4-Trimethylben	8.89	105	1971	N.D.		
75) C308	sec-Butylbenzene	9.02	105	1746	N.D.		
76) C260	1,3-Dichlorobenzen	9.12	146	153	N.D.		
77) C309	4-Isopropyltoluene	0.00	119	0	N.D.		
78) C267	1,4-Dichlorobenzen	9.20	146	304	N.D.		
79) C249	1,2-Dichlorobenzen	9.50	146	138	N.D.		
80) C310	n-Butylbenzene	0.00	91	0	N.D.		
81) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.		
82) C313	1,2,4-Trichloroben	0.00	180	0	N.D.		
83) C316	Hexachlorobutadien	0.00	225	0	N.D.		
84) C314	Naphthalene	11.02	128	250	N.D.		
85) C934	1,2,3-Trichloroben	0.00	180	0	N.D.		

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

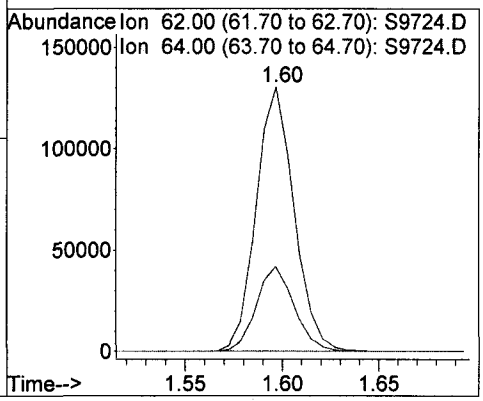
mt 1/12/2006

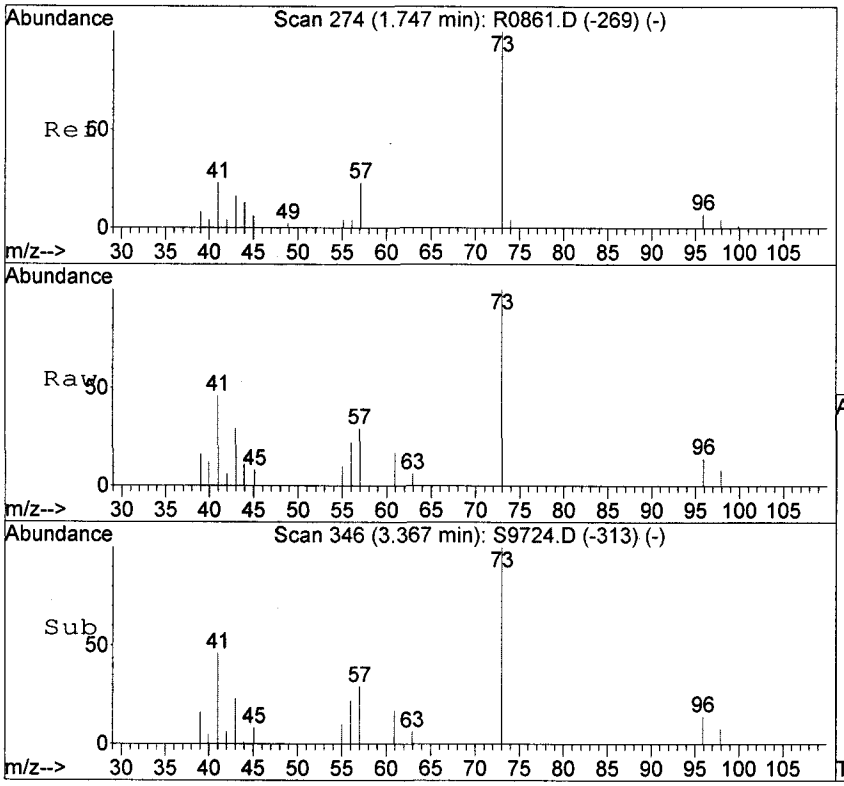


#4
C020 Vinyl chloride
Concen: 143.88 ng
RT: 1.60 min Scan# 55
Delta R.T. -0.00 min
Lab File: S9724.D
Acq: 28 Dec 2005 22:18

Tgt Ion: 62 Resp: 177508

Ion	Ratio	Lower	Upper
62	100		
64	32.1	12.8	52.8

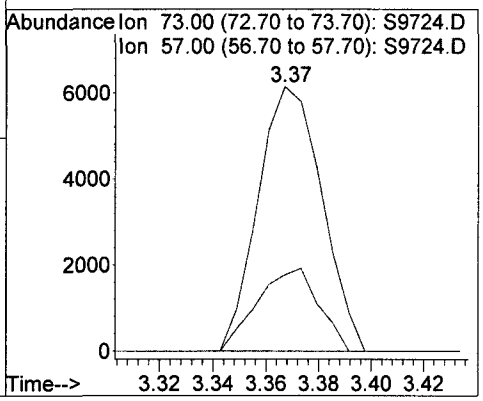


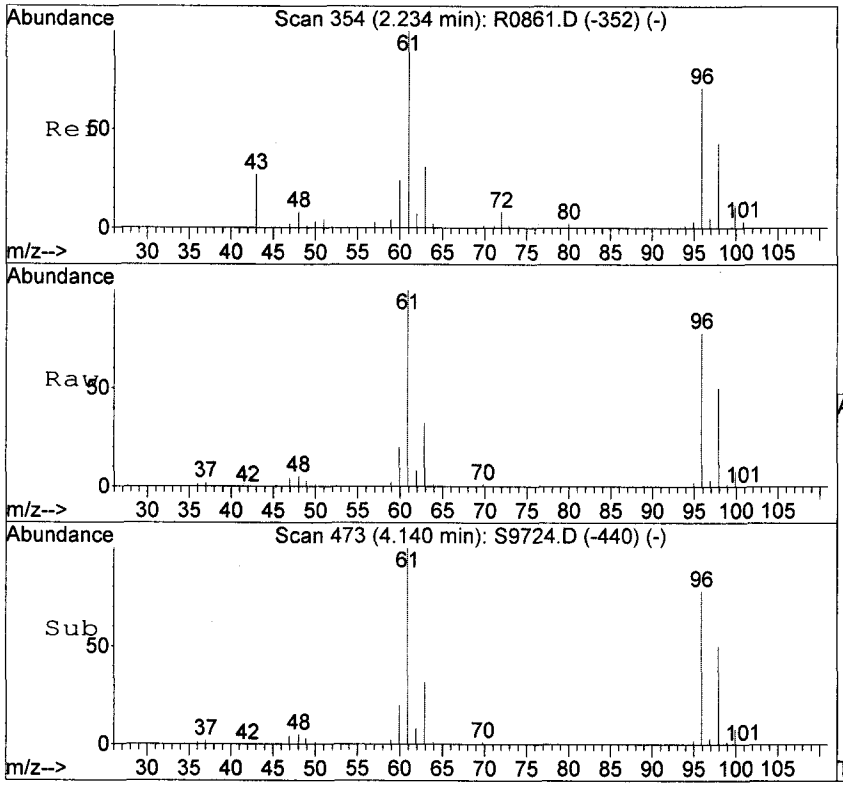


#17
C962 T-butyl Methyl Ether
Concen: 3.43 ng
RT: 3.37 min Scan# 346
Delta R.T. -0.00 min
Lab File: S9724.D
Acq: 28 Dec 2005 22:18

Tgt Ion: 73 Resp: 10307

Ion	Ratio	Lower	Upper
73	100		
57	29.9	17.0	25.6#

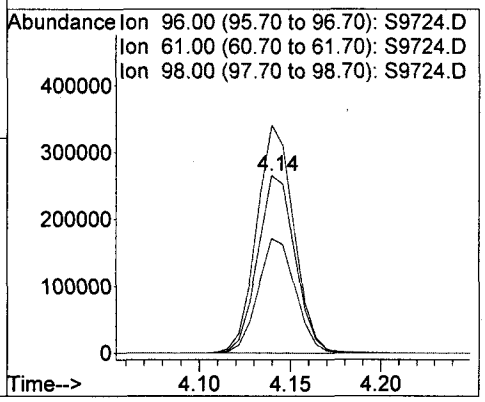


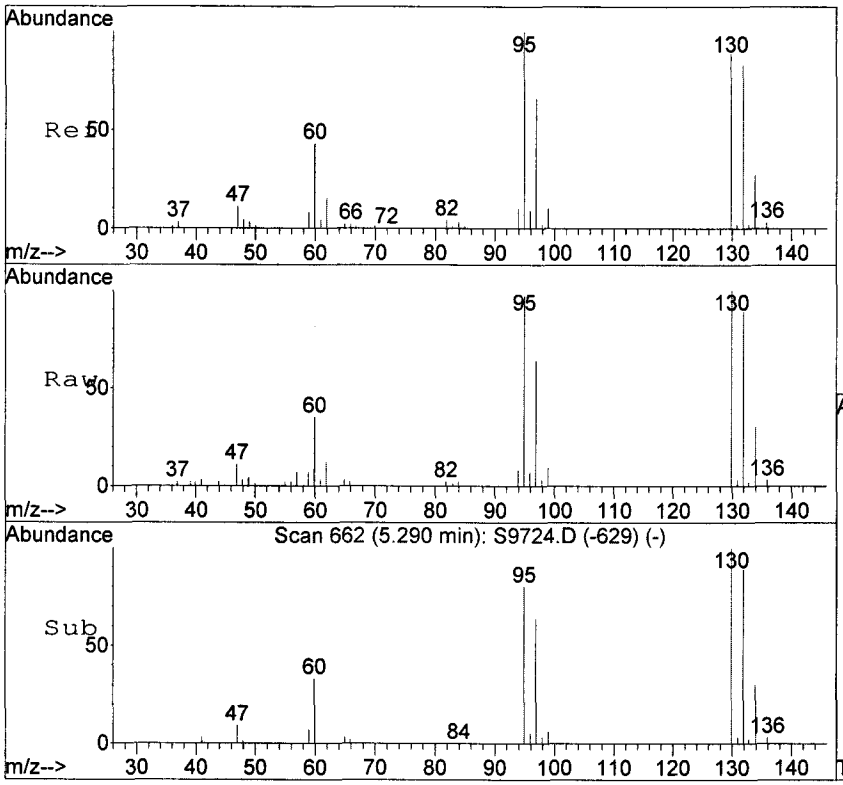


#23
C056 cis-1,2-Dichloroethene
Concen: 273.64 ng
RT: 4.14 min Scan# 473
Delta R.T. -0.00 min
Lab File: S9724.D
Acq: 28 Dec 2005 22:18

Tgt Ion: 96 Resp: 379156

Ion	Ratio	Lower	Upper
96	100		
61	128.3	124.0	164.0
98	64.5	44.3	84.3

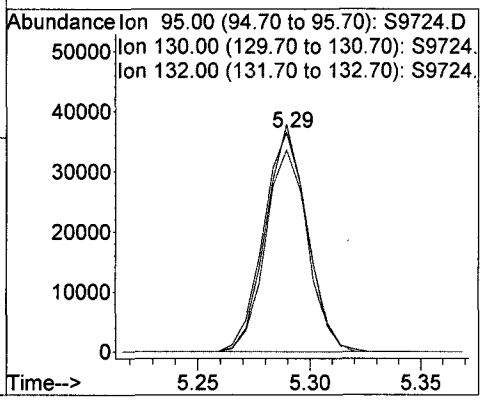




#36
C150 Trichloroethene
Concen: 37.88 ng
RT: 5.29 min Scan# 662
Delta R.T. -0.00 min
Lab File: S9724.D
Acq: 28 Dec 2005 22:18

Tgt Ion: 95 Resp: 49346

Ion	Ratio	Lower	Upper
95	100		
130	103.3	84.6	124.6
132	92.1	79.5	119.5



METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.

MW-35

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A5E58713

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q9548.RR

Level: (low/med) LOW Date Samp/Recv: 12/21/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/27/2005

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	5.0	U
71-43-2	Benzene	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon Disulfide	1.0	U
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	1.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	1.0	U
110-82-7	Cyclohexane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U
75-34-3	1,1-Dichloroethane	4.4	
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-59-2	cis-1,2-Dichloroethene	5.7	
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
98-82-8	Isopropylbenzene	1.0	U
79-20-9	Methyl acetate	1.0	U
108-87-2	Methylcyclohexane	1.0	U
75-09-2	Methylene chloride	1.0	U

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.

MW-35

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A5E58713

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q9548.RR

Level: (low/med) LOW Date Samp/Recv: 12/21/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/27/2005

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

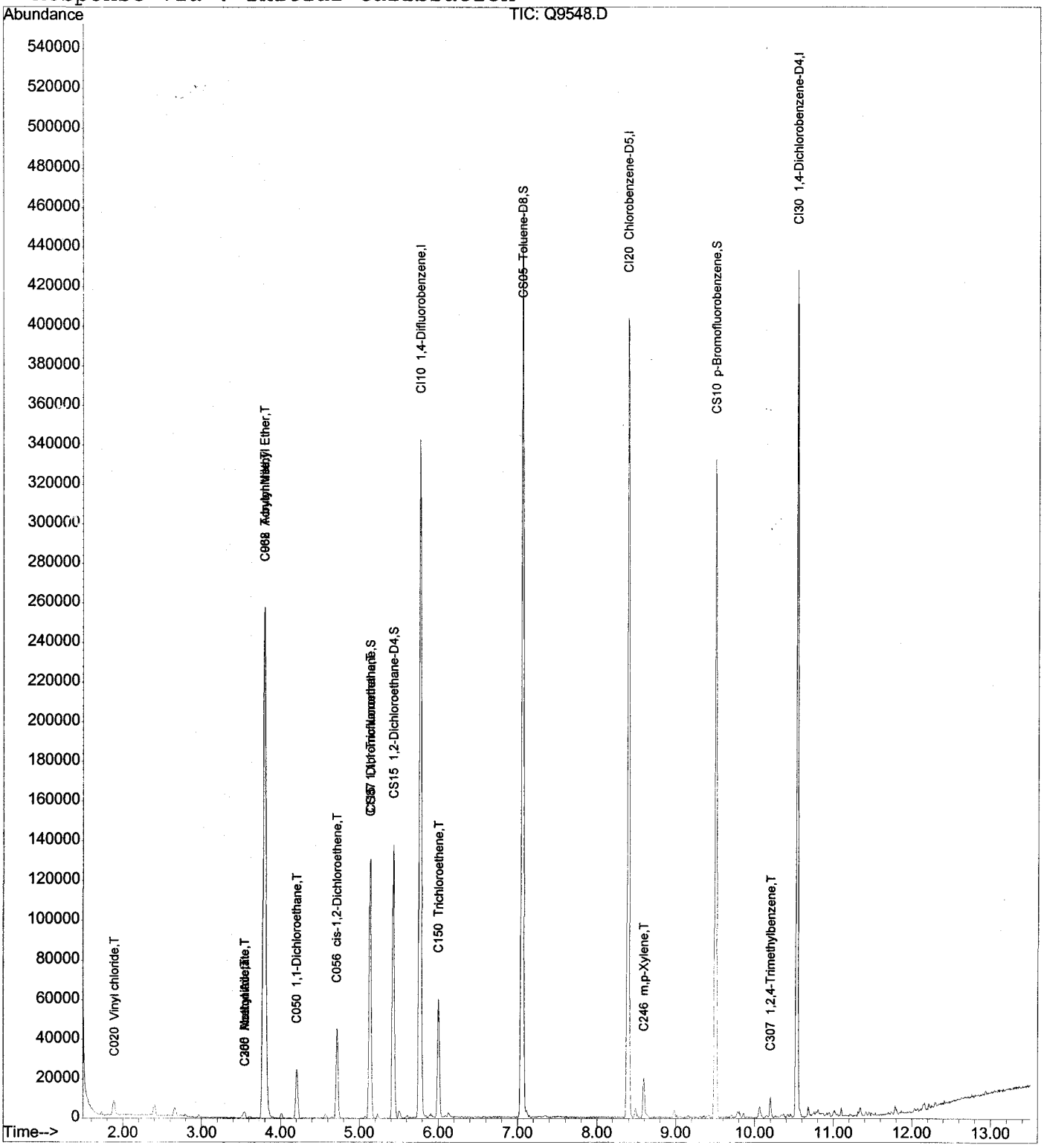
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	5.0	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	28	
91-20-3	Naphthalene	1.0	U
100-42-5	Styrene	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
71-55-6	1,1,1-Trichloroethane	2.4	
79-00-5	1,1,2-Trichloroethane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
79-01-6	Trichloroethene	5.7	
75-01-4	Vinyl chloride	2.0	
1330-20-7	Total Xylenes	1.1	BJ

Quantitation Report

Data File : C:\HPCHEM\1\DATA\122705\Q9548.D Vial: 31
Acq On : 27 Dec 2005 22:15 Operator: TLC
Sample : A5E58713 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 28 8:43 2005 Quant Results File: A5I02444.RES

Method : C:\HPCHEM\1\METHODS\Q8260\A5I02444.M (RTE Integrator)
Title : 8260 5ML
Last Update : Wed Dec 28 08:38:57 2005
Response via : Initial Calibration



Quantitation Report STL Buffalo

Data File : C:\HPCHEM\1\DATA\122705\Q9548.D Vial: 31
Acq On : 27 Dec 2005 22:15 Operator: TLC
Sample : A5E58713 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 28 8:43 2005 Quant Results File: A5I02444.RES

Quant Method : C:\HPCHEM\1...\A5I02444.M (RTE Integrator)
Title : 8260 5ML
Last Update : Wed Dec 28 08:38:57 2005
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : C:\HPCHEM\1\DATA\122705\Q9545.D (27 Dec 2005 20:40)

Internal Standards		R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.77	114	281438	125.00 ng	0.00 97.66%
43) CI20	Chlorobenzene-D5	8.39	117	248704	125.00 ng	0.00 98.60%
62) CI30	1,4-Dichlorobenzene-	10.53	152	115168	125.00 ng	0.00 91.36%
System Monitoring Compounds						
30) CS87	Dibromofluoromethane	5.14	111	75144	122.70 ng	0.00
Spiked Amount	125.000	Range	70 - 130	Recovery =	98.16%	
31) CS15	1,2-Dichloroethane-D	5.43	65	86156	121.00 ng	0.00
Spiked Amount	125.000	Range	72 - 143	Recovery =	96.80%	
44) CS05	Toluene-D8	7.05	98	304930	124.11 ng	0.00
Spiked Amount	125.000	Range	76 - 116	Recovery =	99.29%	
61) CS10	p-Bromofluorobenzene	9.50	174	101890	128.71 ng	0.00
Spiked Amount	125.000	Range	73 - 117	Recovery =	102.97%	
Target Compounds						Qvalue
2) C290	Dichlorodifluorometh	0.00	85	0	N.D.	
3) C010	Chloromethane	0.00	50	0	N.D.	
4) C020	Vinyl chloride	1.90	62	5947	9.77 ng	94
5) C015	Bromomethane	0.00	94	0	N.D.	
6) C025	Chloroethane	0.00	64	0	N.D.	
7) C275	Trichlorofluorometha	0.00	101	0	N.D.	
8) C045	1,1-Dichloroethene	0.00	96	0	N.D.	
9) C030	Methylene chloride	0.00	84	0	N.D.	
10) C040	Carbon disulfide	0.00	76	0	N.D.	
11) C036	Acrolein	0.00	56	0	N.D.	
12) C038	Acrylonitrile	3.79	53	2472	7.17 ng #	21
13) C035	Acetone	0.00	43	0	N.D.	
14) C300	Acetonitrile	3.54	41	1033	8.22 ng #	26
15) C276	Iodomethane	0.00	142	0	N.D.	
16) C291	1,1,2 Trichloro-1,2,	0.00	101	0	N.D.	
17) C962	T-butyl Methyl Ether	3.79	73	303696	140.19 ng	99
18) C057	trans-1,2-Dichloroet	0.00	96	0	N.D.	
19) C255	Methyl Acetate	3.54	43	3324	3.45 ng #	55
20) C050	1,1-Dichloroethane	4.20	63	27393	22.02 ng	98
21) C125	Vinyl Acetate	0.00	43	0	N.D.	
22) C051	2,2-Dichloropropane	0.00	77	0	N.D.	

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

Quantitation Report STL Buffalo

Data File : C:\HPCHEM\1\DATA\122705\Q9548.D Vial: 31
Acq On : 27 Dec 2005 22:15 Operator: TLC
Sample : A5E58713 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 28 8:43 2005 Quant Results File: A5I02444.RES

Quant Method : C:\HPCHEM\1...\A5I02444.M (RTE Integrator)
Title : 8260 5ML
Last Update : Wed Dec 28 08:38:57 2005
Response via : Initial Calibration
DataAcq Meth : VOA

	Compound		R.T.	QIon	Response	Conc Unit		Qvalue
23)	C056	cis-1,2-Dichloroethe	4.71	96	20602	28.47 ng		90
24)	C272	Tetrahydrofuran	0.00	42	0	N.D.		
25)	C222	Bromochloromethane	0.00	128	0	N.D.		
26)	C060	Chloroform	0.00	83	0	N.D.		
27)	C115	1,1,1-Trichloroethan	5.13	97	10737	11.79 ng		95
28)	C120	Carbon tetrachloride	0.00	117	0	N.D.		
29)	C116	1,1-Dichloropropene	0.00	75	0	N.D.		
32)	C165	Benzene	5.45	78	1123	N.D.		
33)	C065	1,2-Dichloroethane	0.00	62	0	N.D.		
34)	C110	2-Butanone	0.00	43	0	N.D.		
35)	C256	Cyclohexane	5.15	56	1134	N.D.		
36)	C150	Trichloroethene	6.00	95	19355	28.43 ng	#	68
37)	C140	1,2-Dichloropropane	0.00	63	0	N.D.		
38)	C278	Dibromomethane	0.00	93	0	N.D.		
39)	C130	Bromodichloromethane	0.00	83	0	N.D.		
40)	C161	2-Chloroethylvinyl E	0.00	63	0	N.D.		
41)	C012	Methylcycolhexane	6.13	83	1046	N.D.		
42)	C145	cis-1,3-Dichloroprop	0.00	75	0	N.D.		
45)	C230	Toluene	7.12	92	1284	N.D.		
46)	C170	trans-1,3-Dichloropr	0.00	75	0	N.D.		
47)	C284	Ethyl Methacrylate	0.00	69	0	N.D.		
48)	C160	1,1,2-Trichloroethan	0.00	83	0	N.D.		
49)	C210	4-Methyl-2-pentanone	7.05	43	1116	N.D.		
50)	C220	Tetrachloroethene	0.00	166	0	N.D.		
51)	C221	1,3-Dichloropropane	0.00	76	0	N.D.		
52)	C155	Dibromochloromethane	0.00	129	0	N.D.		
53)	C163	1,2-Dibromoethane	0.00	107	0	N.D.		
54)	C215	2-Hexanone	0.00	43	0	N.D.		
55)	C235	Chlorobenzene	0.00	112	0	N.D.		
56)	C281	1,1,1,2-Tetrachloroe	0.00	131	0	N.D.		
57)	C240	Ethylbenzene	8.49	91	5082	N.D.		
58)	C246	m,p-Xylene	8.59	106	7124	5.62 ng	#	85
59)	C247	o-Xylene	8.98	106	1761	N.D.		
60)	C245	Styrene	0.00	104	0	N.D.		
63)	C180	Bromoform	0.00	173	0	N.D.		
64)	C966	Isopropylbenzene	9.32	105	277	N.D.		
65)	C301	Bromobenzene	0.00	156	0	N.D.		
66)	C225	1,1,2,2-Tetrachloroe	0.00	83	0	N.D.		
67)	C282	1,2,3-Trichloropropa	0.00	110	0	N.D.		
68)	C283	t-1,4-Dichloro-2-But	0.00	51	0	N.D.		
69)	C302	n-Propylbenzene	9.70	91	1785	N.D.		

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

Quantitation Report STL Buffalo

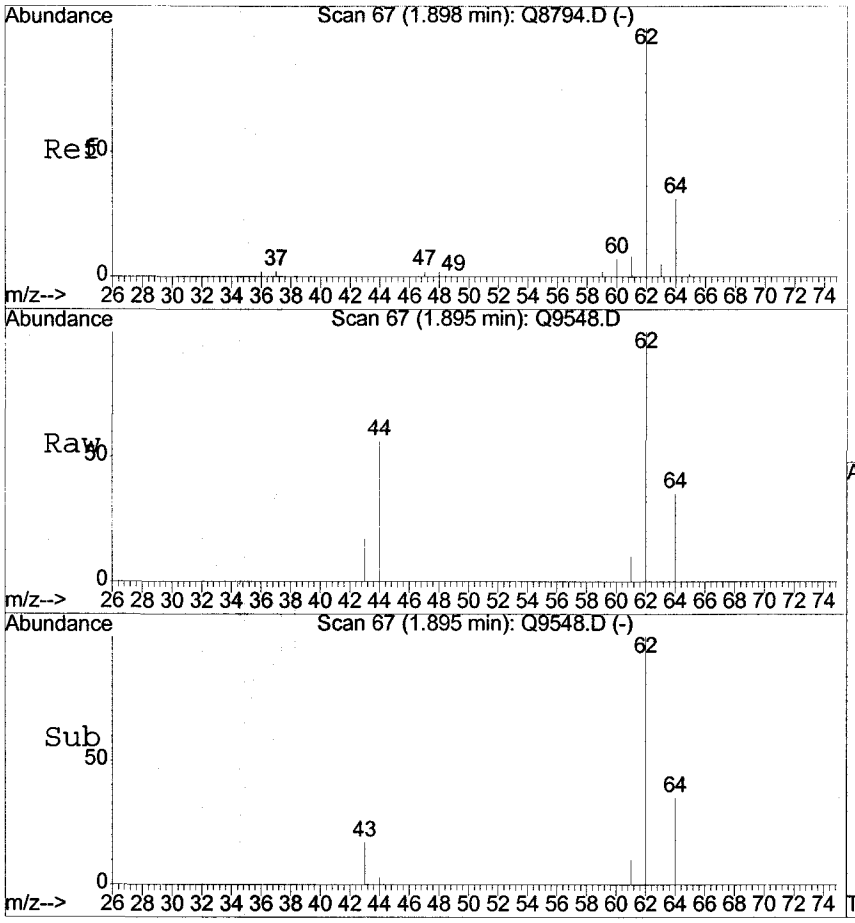
Data File : C:\HPCHEM\1\DATA\122705\Q9548.D Vial: 31
Acq On : 27 Dec 2005 22:15 Operator: TLC
Sample : A5E58713 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 28 8:43 2005 Quant Results File: A5I02444.RES

Quant Method : C:\HPCHEM\1...\A5I02444.M (RTE Integrator)
Title : 8260 5ML
Last Update : Wed Dec 28 08:38:57 2005
Response via : Initial Calibration
DataAcq Meth : VOA

	Compound		R.T.	QIon	Response	Conc Unit	Qvalue
70)	C303	2-Chlorotoluene	0.00	126	0	N.D.	
71)	C289	4-Chlorotoluene	0.00	126	0	N.D.	
72)	C304	1,3,5-Trimethylbenze	9.86	105	2034	N.D.	
73)	C306	tert-Butylbenzene	0.00	134	0	N.D.	
74)	C307	1,2,4-Trimethylbenze	10.20	105	7057	2.97 ng	94
75)	C308	sec-Butylbenzene	10.34	105	1762	N.D.	
76)	C260	1,3-Dichlorobenzene	0.00	146	0	N.D.	
77)	C309	4-Isopropyltoluene	10.45	119	1180	N.D.	
78)	C267	1,4-Dichlorobenzene	0.00	146	0	N.D.	
79)	C249	1,2-Dichlorobenzene	0.00	146	0	N.D.	
80)	C310	n-Butylbenzene	10.81	91	1803	N.D.	
81)	C286	1,2-Dibromo-3-Chloro	0.00	75	0	N.D.	
82)	C313	1,2,4-Trichlorobenze	12.11	180	294	N.D.	
83)	C316	Hexachlorobutadiene	0.00	225	0	N.D.	
84)	C314	Naphthalene	12.30	128	3528	N.D.	
85)	C934	1,2,3-Trichlorobenze	12.48	180	142	N.D.	

11/2/2006

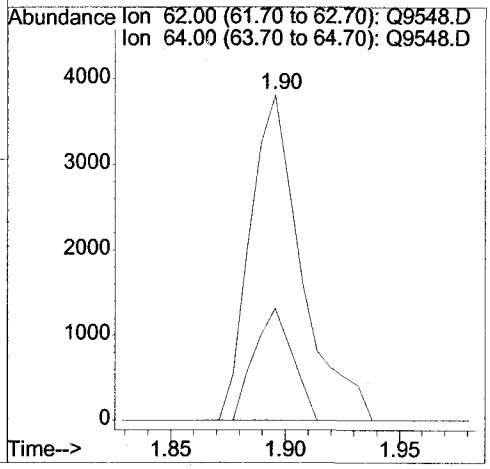
(#) = qualifier out of range (m) = manual integration

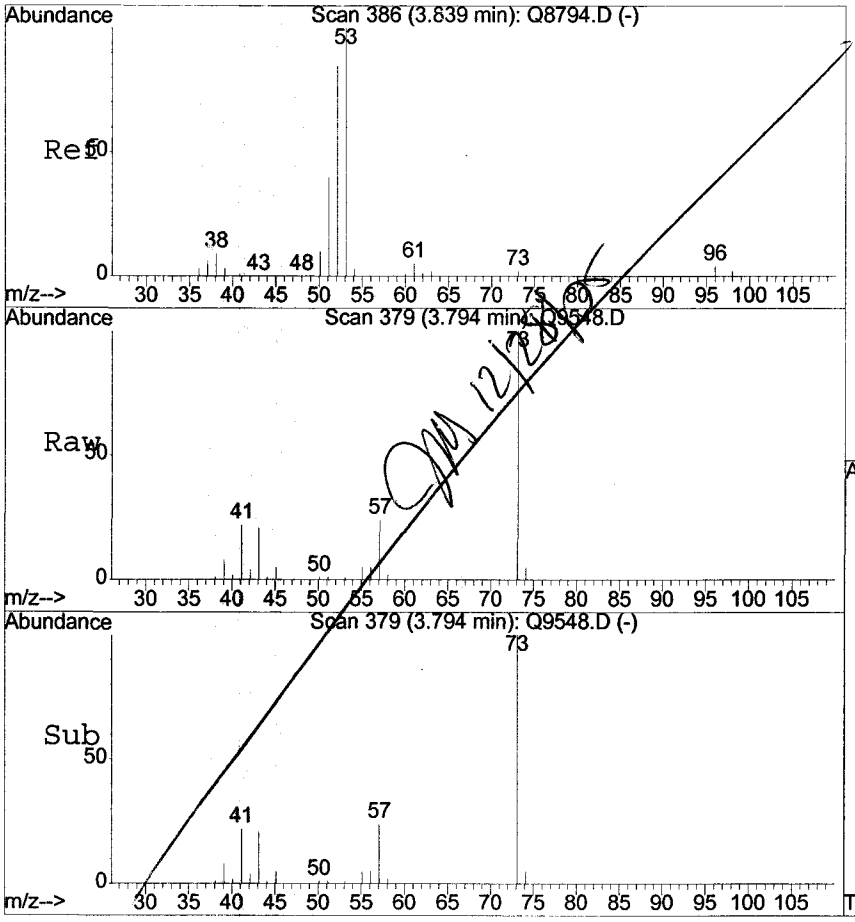


#4
C020 Vinyl chloride
Concen: 9.77 ng
RT: 1.90 min Scan# 67
Delta R.T. -0.00 min
Lab File: Q9548.D
Acq: 27 Dec 2005 22:15

Tgt Ion: 62 Resp: 5947

Ion	Ratio	Lower	Upper
62	100		
64	34.5	11.1	51.1

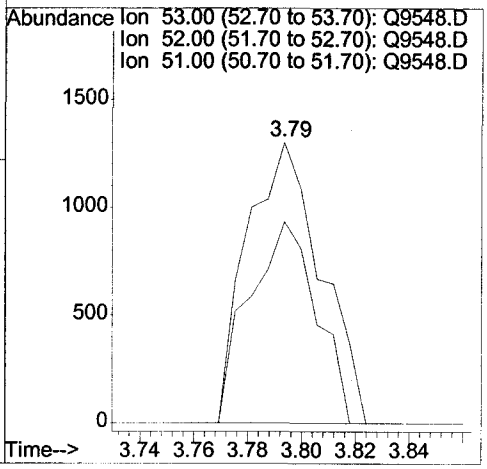


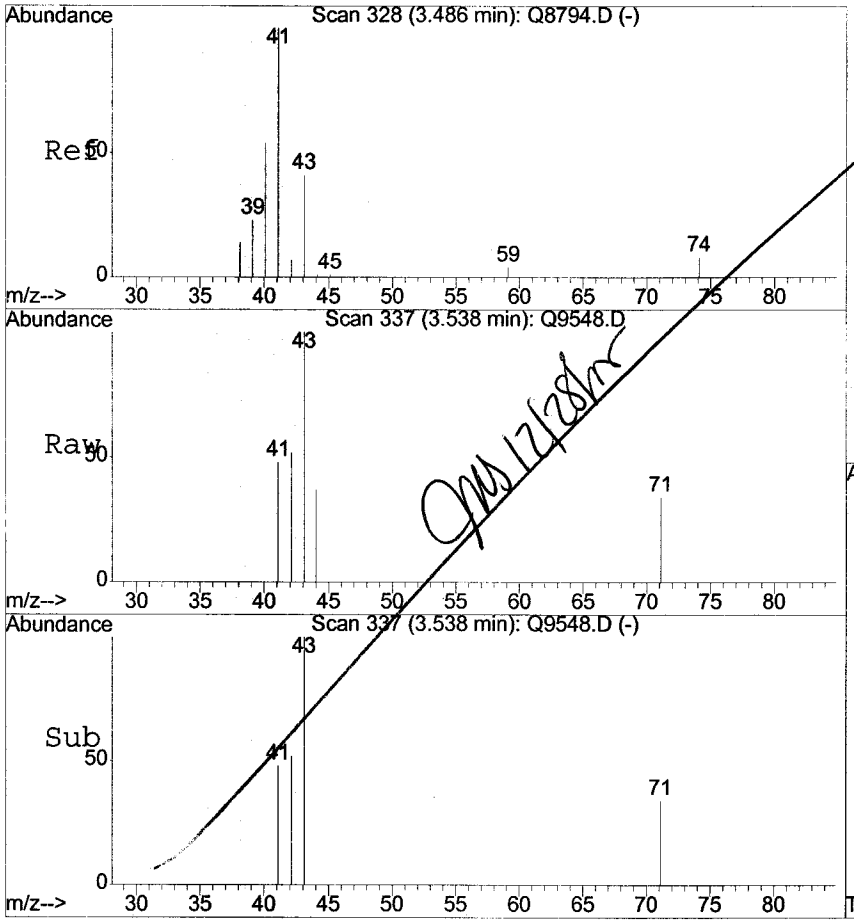


#12
C038 Acrylonitrile
Concen: 7.17 ng
RT: 3.79 min Scan# 379
Delta R.T. -0.04 min
Lab File: Q9548.D
Acq: 27 Dec 2005 22:15

Tgt Ion: 53 Resp: 2472

Ion	Ratio	Lower	Upper
53	100		
52	0.0	66.2	99.2#
51	65.4	28.7	43.1#

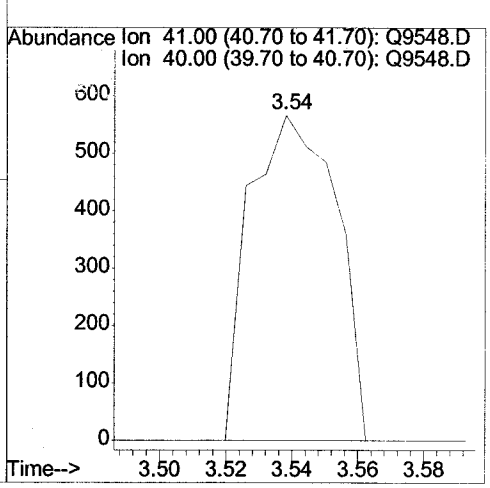


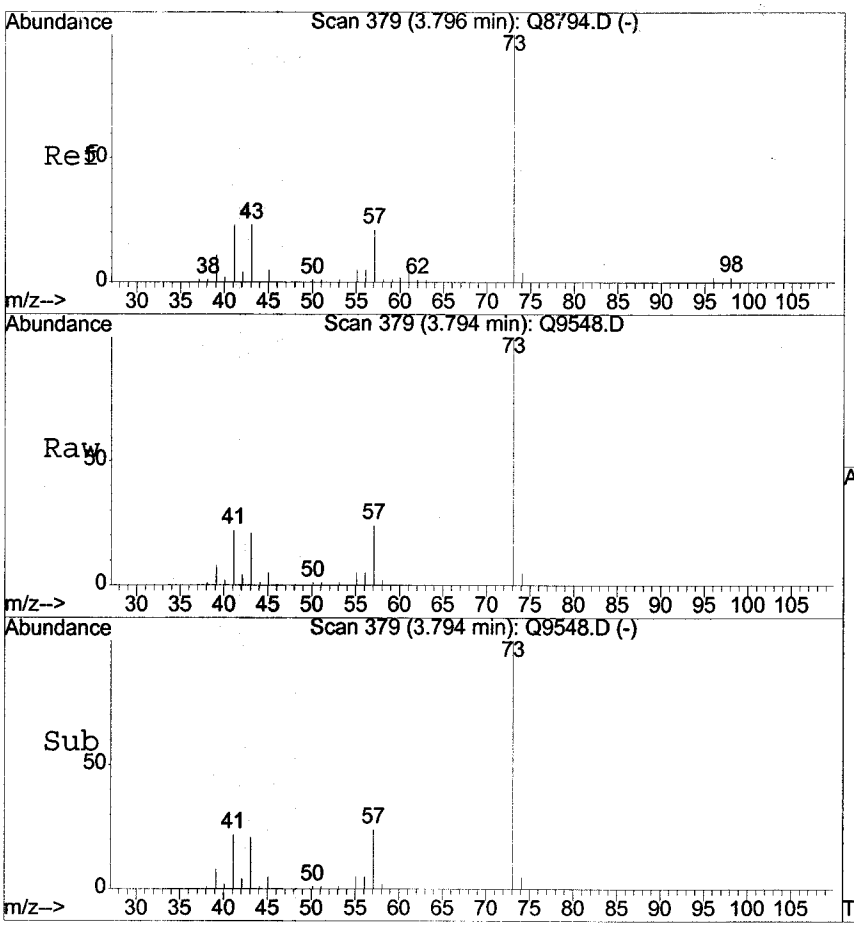


#14
C300 Acetonitrile
Concen: 8.22 ng
RT: 3.54 min Scan# 337
Delta R.T. 0.06 min
Lab File: Q9548.D
Acq: 27 Dec 2005 22:15

Tgt Ion: 41 Resp: 1033

Ion	Ratio	Lower	Upper
41	100		
40	0.0	41.8	62.6#

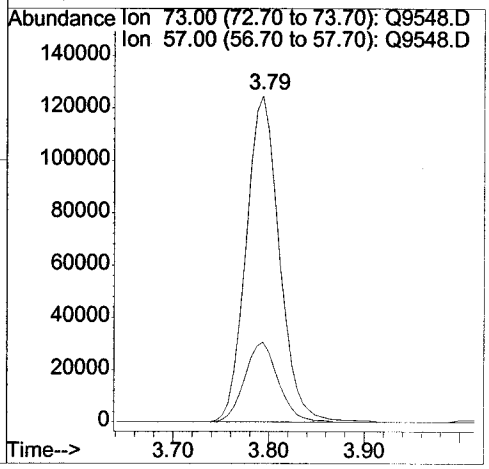


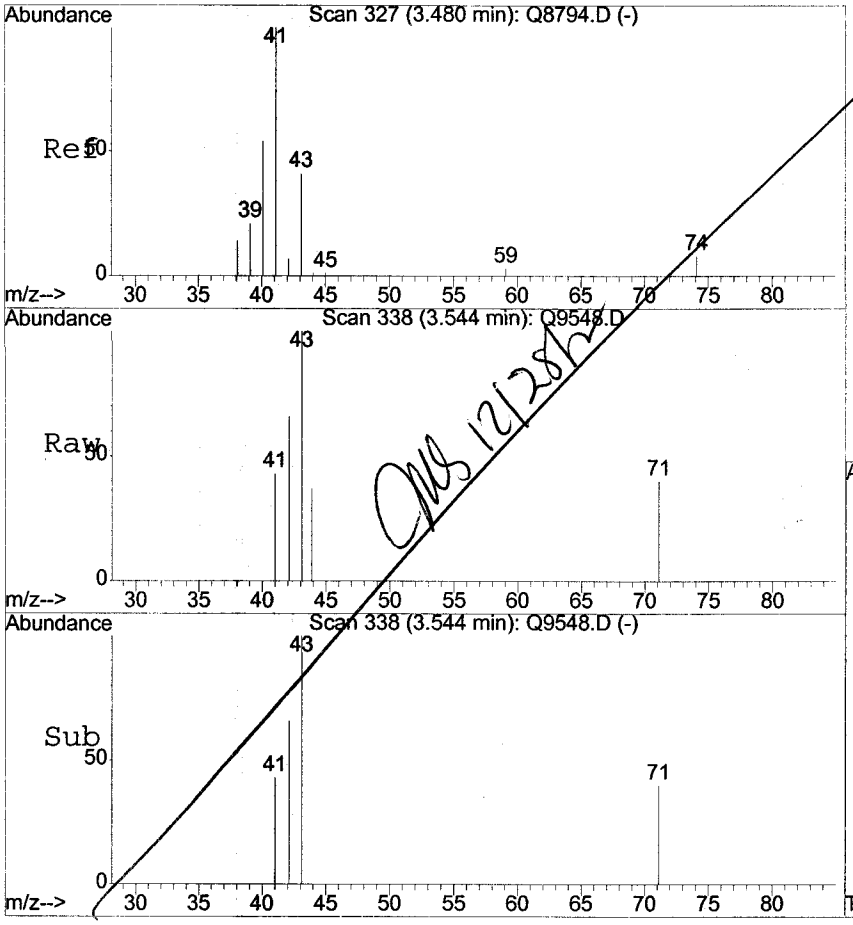


#17
C962 T-butyl Methyl Ether
Concen: 140.19 ng
RT: 3.79 min Scan# 379
Delta R.T. -0.00 min
Lab File: Q9548.D
Acq: 27 Dec 2005 22:15

Tgt Ion: 73 Resp: 303696

Ion	Ratio	Lower	Upper
73	100		
57	24.6	19.1	28.7

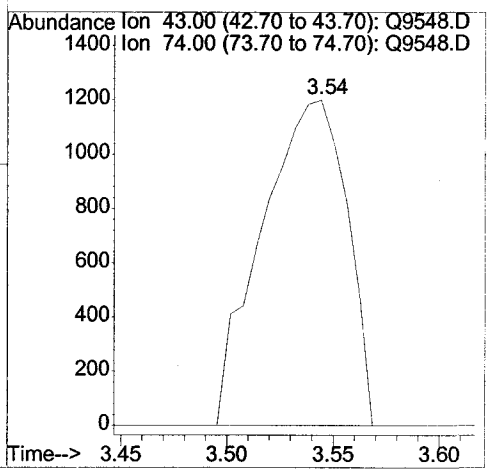


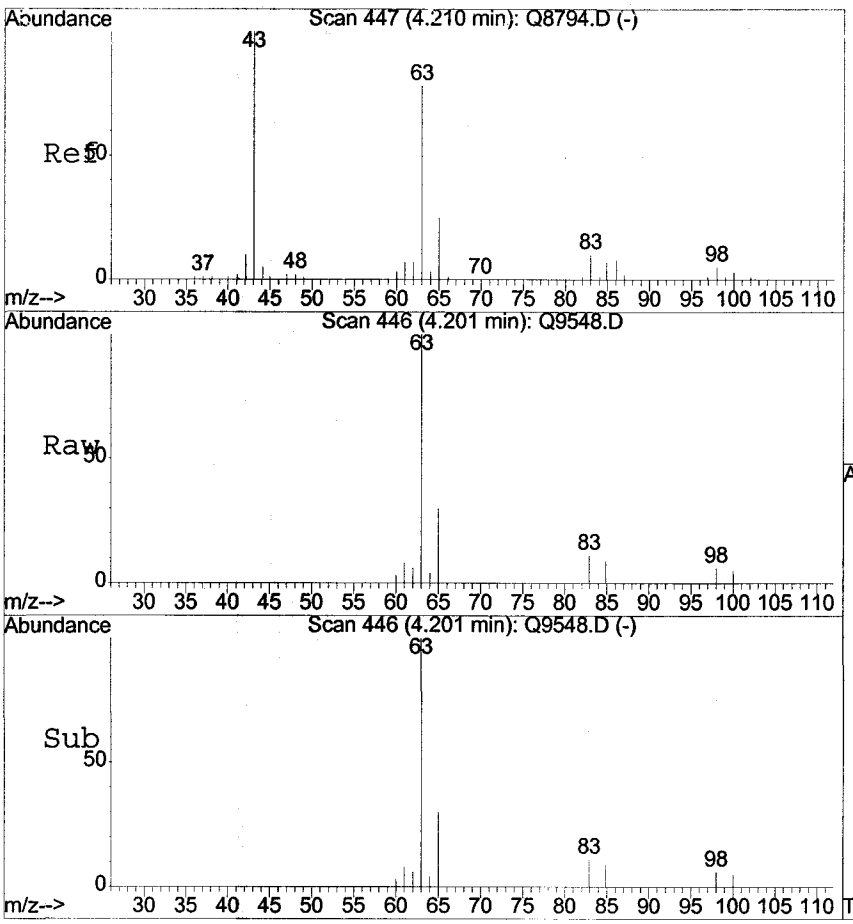


#19
C255 Methyl Acetate
Concen: 3.45 ng
RT: 3.54 min Scan# 338
Delta R.T. 0.07 min
Lab File: Q9548.D
Acq: 27 Dec 2005 22:15

Tgt Ion: 43 Resp: 3324

Ion	Ratio	Lower	Upper
43	100		
74	0.0	17.0	25.4#

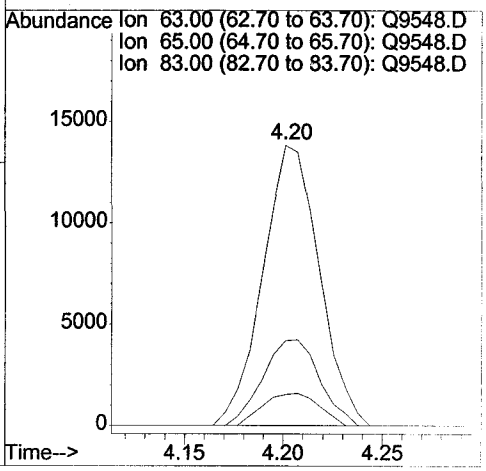


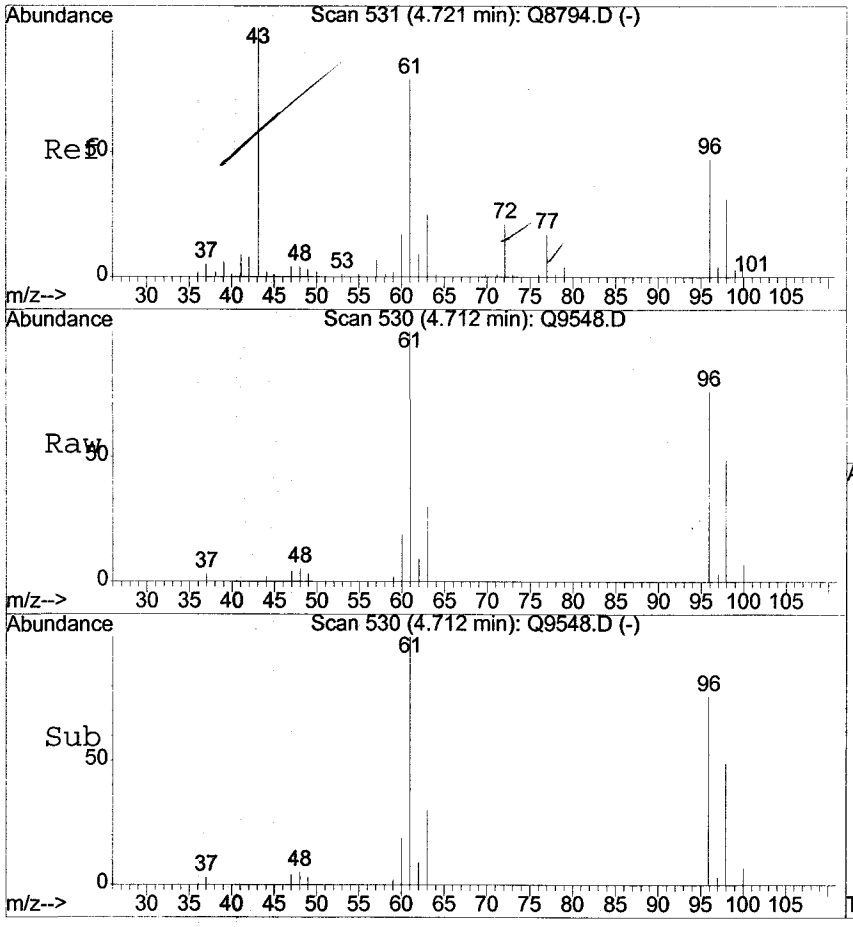


#20
C050 1,1-Dichloroethane
Concen: 22.02 ng
RT: 4.20 min Scan# 446
Delta R.T. -0.00 min
Lab File: Q9548.D
Acq: 27 Dec 2005 22:15

Tgt Ion: 63 Resp: 27393

Ion	Ratio	Lower	Upper
63	100		
65	30.2	11.1	51.1
83	11.1	0.0	31.6

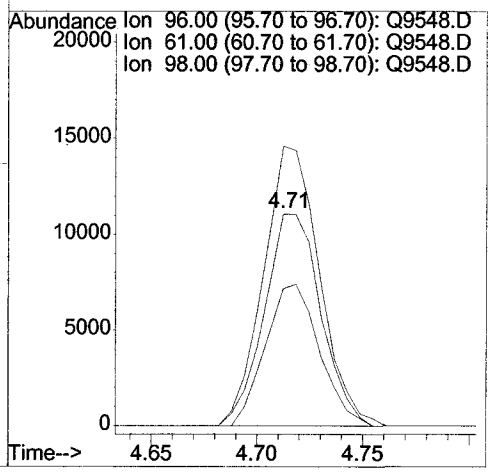


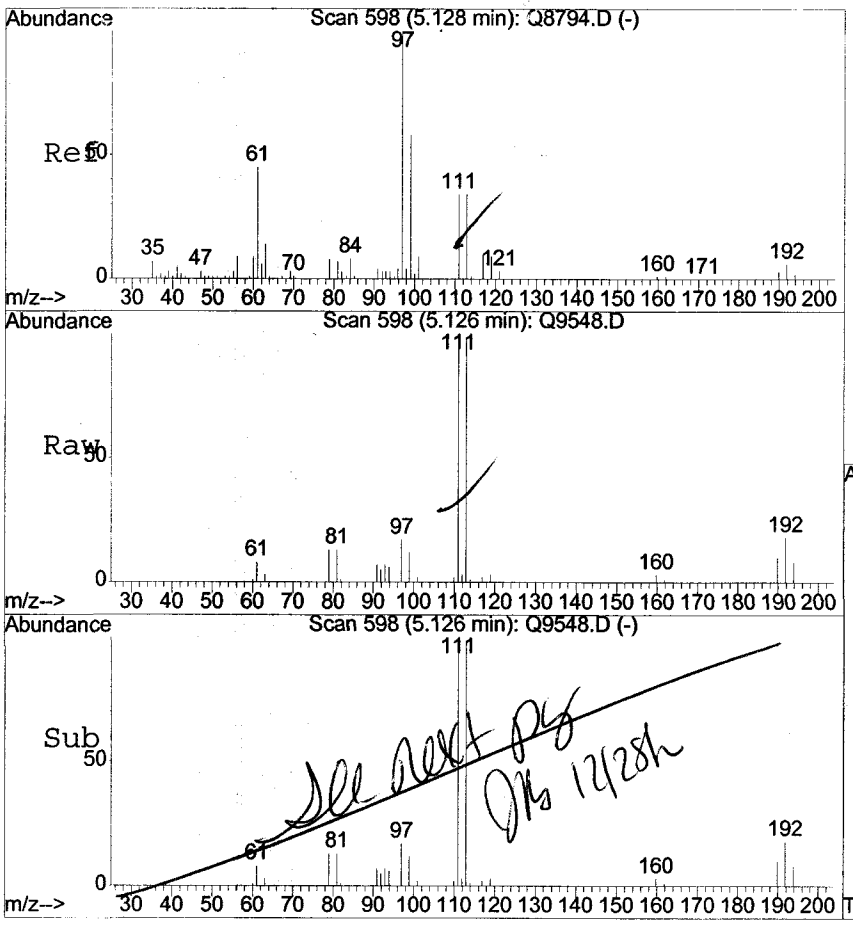


#23
C056 cis-1,2-Dichloroethene
Concen: 28.47 ng
RT: 4.71 min Scan# 530
Delta R.T. -0.01 min
Lab File: Q9548.D
Acq: 27 Dec 2005 22:15

Tgt Ion: 96 Resp: 20602

Ion	Ratio	Lower	Upper
96	100		
61	131.8	128.0	168.0
98	64.7	43.4	83.4

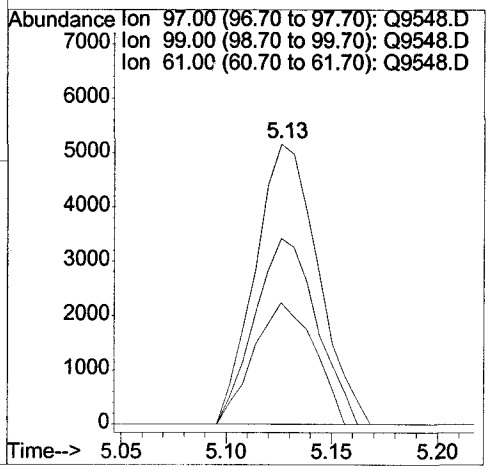




#27
C115 1,1,1-Trichloroethane
Concen: 11.79 ng
RT: 5.13 min Scan# 598
Delta R.T. -0.01 min
Lab File: Q9548.D
Acq: 27 Dec 2005 22:15

Tgt Ion: 97 Resp: 10737

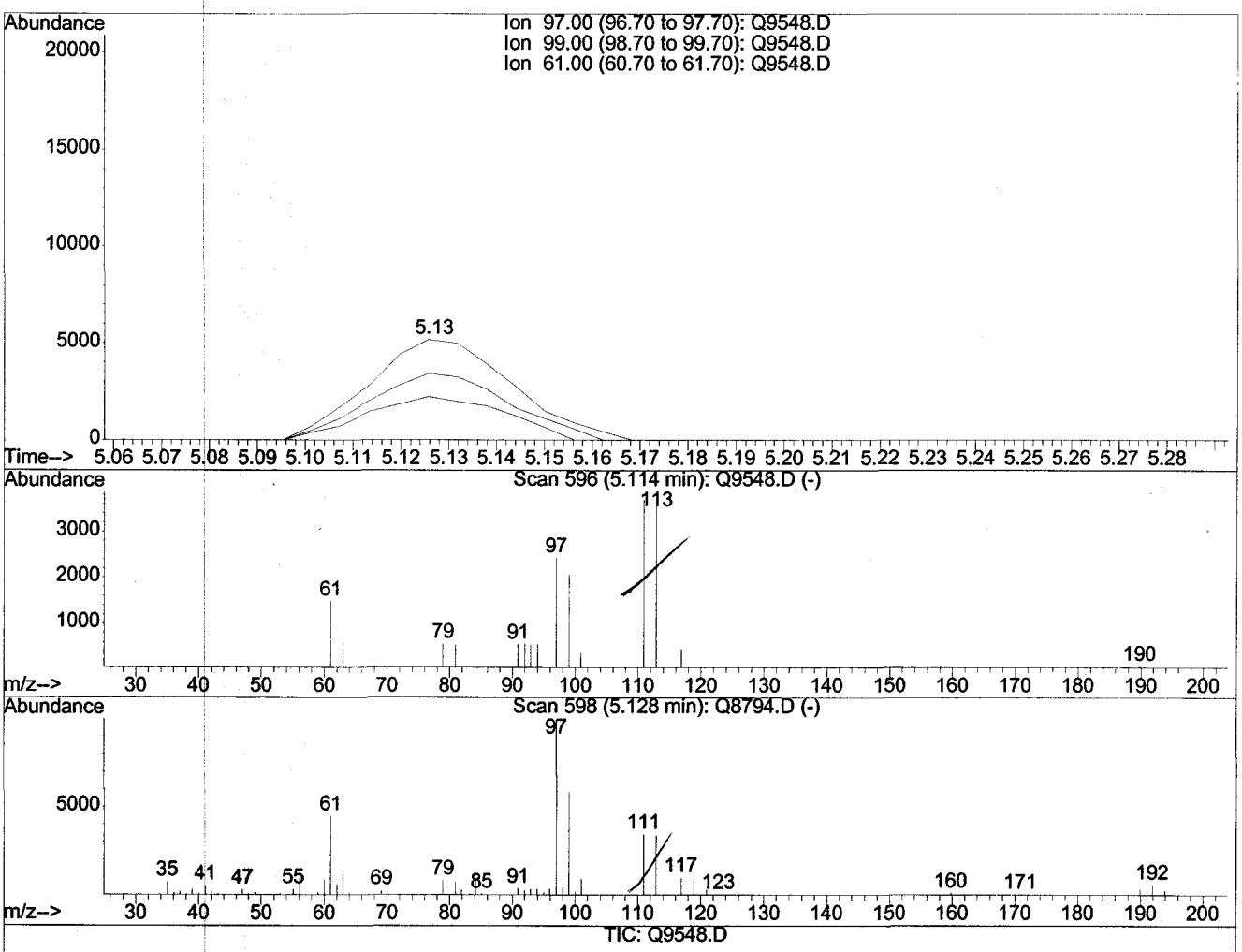
Ion	Ratio	Lower	Upper
97	100		
99	66.3	44.1	84.1
61	43.3	28.0	68.0



Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\122705\Q9548.D Vial: 31
Acq On : 27 Dec 2005 22:15 Operator: TLC
Sample : A5E58713 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 28 12:00 2005 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\Q8260\A5I02444.M (RTE Integrator)
Title : 8260 5ML
Last Update : Wed Dec 28 08:38:57 2005
Response via : Multiple Level Calibration

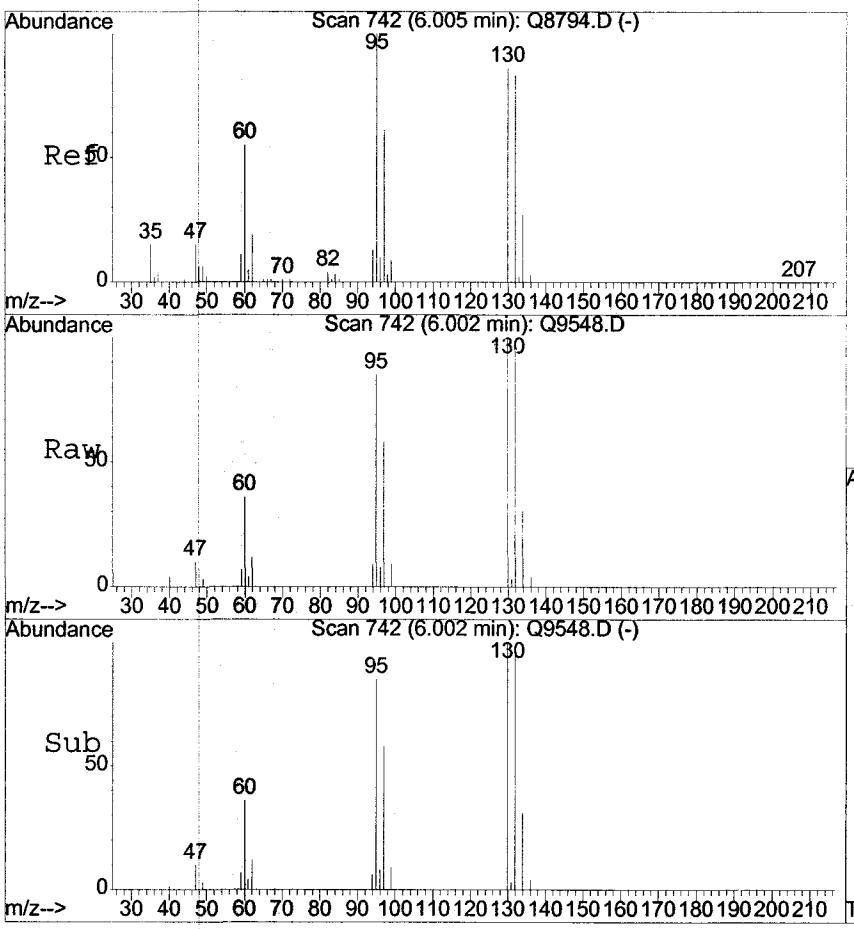


(27) C115 1,1,1-Trichloroethane (T)

5.13min 11.79ng

response 10737

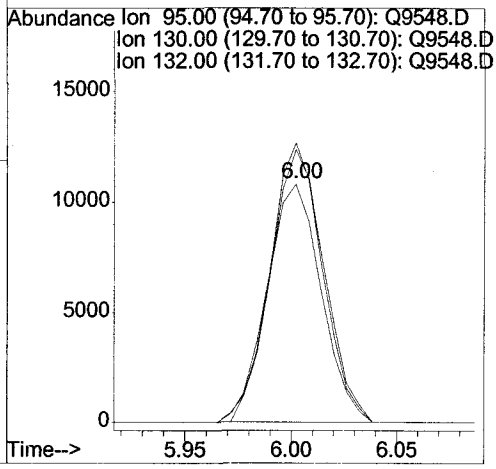
Ion	Exp%	Act%
97.00	100	100
99.00	64.10	66.28
61.00	48.00	43.33
0.00	0.00	0.00

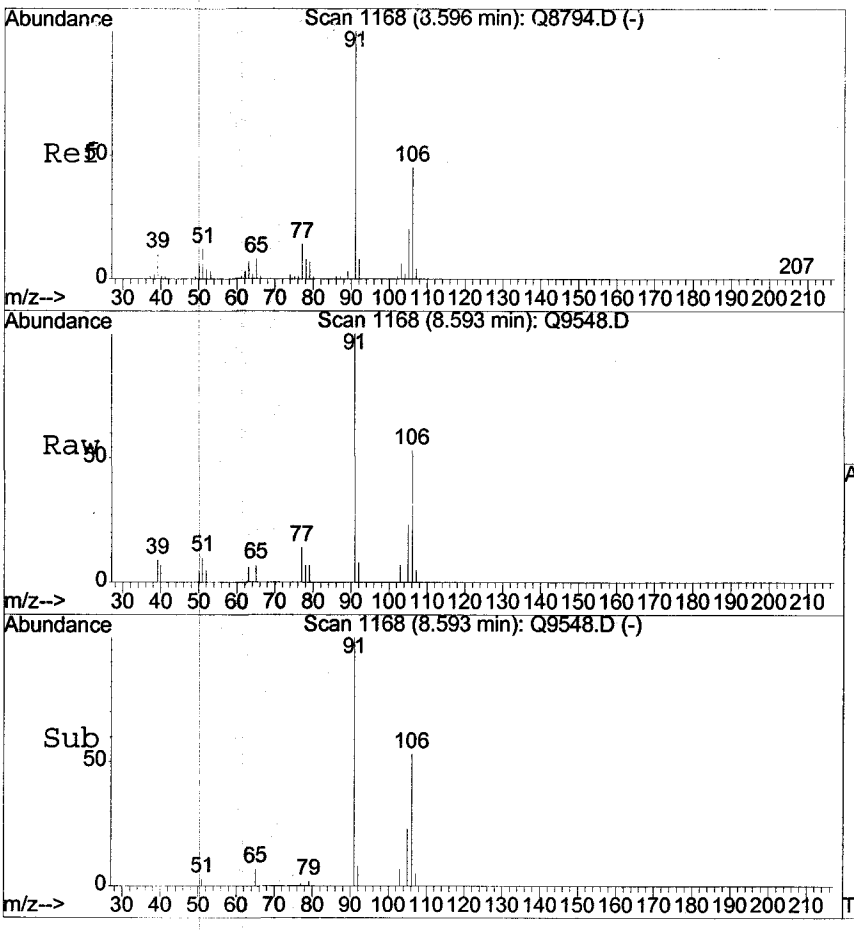


#36
C150 Trichloroethene
Concen: 28.43 ng
RT: 6.00 min Scan# 742
Delta R.T. -0.00 min
Lab File: Q9548.D
Acq: 27 Dec 2005 22:15

Tgt Ion: 95 Resp: 19355

Ion	Ratio	Lower	Upper
95	100		
130	117.3	68.8	108.8#
132	114.5	63.4	103.4#

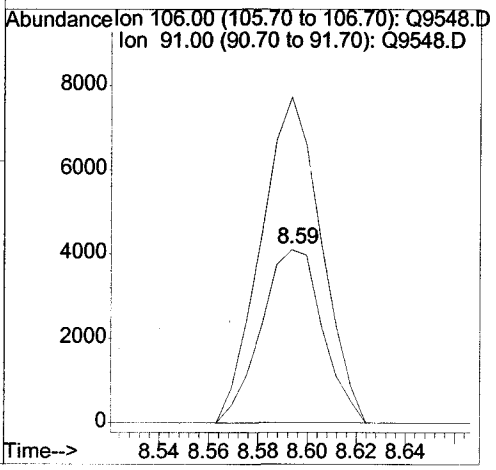


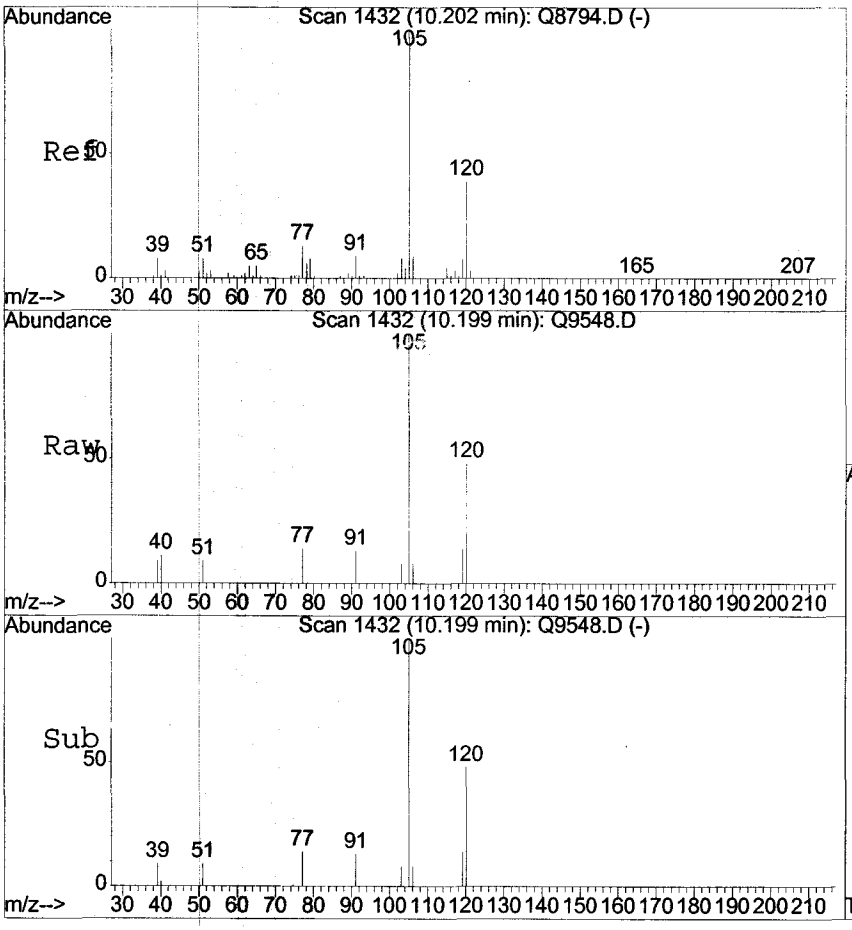


#58
C246 m,p-Xylene
Concen: 5.62 ng
RT: 8.59 min Scan# 1168
Delta R.T. -0.00 min
Lab File: Q9548.D
Acq: 27 Dec 2005 22:15

Tgt Ion:106 Resp: 7124

Ion	Ratio	Lower	Upper
106	100		
91	188.6	191.5	231.5#

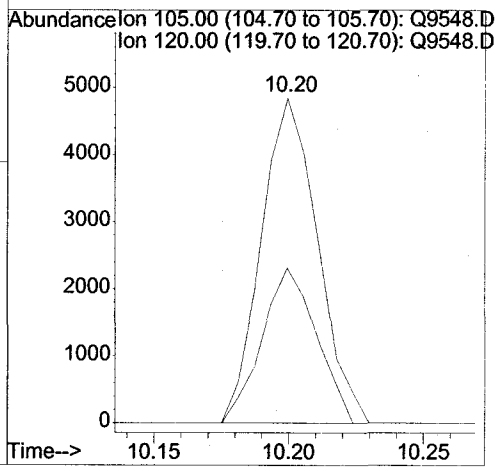




#74
C307 1,2,4-Trimethylbenzene
Concen: 2.97 ng
RT: 10.20 min Scan# 1432
Delta R.T. -0.00 min
Lab File: Q9548.D
Acq: 27 Dec 2005 22:15

Tgt Ion:105 Resp: 7057

Ion	Ratio	Lower	Upper
105	100		
120	47.8	24.2	64.2



METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.

MW-36

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A5E58716

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q9551.RR

Level: (low/med) LOW Date Samp/Recv: 12/21/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/27/2005

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	5.0	U
71-43-2	Benzene	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon Disulfide	1.0	U
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	1.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	1.0	U
110-82-7	Cyclohexane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U
75-34-3	1,1-Dichloroethane	3.2	
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-59-2	cis-1,2-Dichloroethene	6.6	
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
98-82-8	Isopropylbenzene	1.0	U
79-20-9	Methyl acetate	1.0	U
108-87-2	Methylcyclohexane	1.0	U
75-09-2	Methylene chloride	1.0	U

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.

MW-36

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A5E58716

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q9551.RR

Level: (low/med) LOW Date Samp/Recv: 12/21/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/27/2005

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

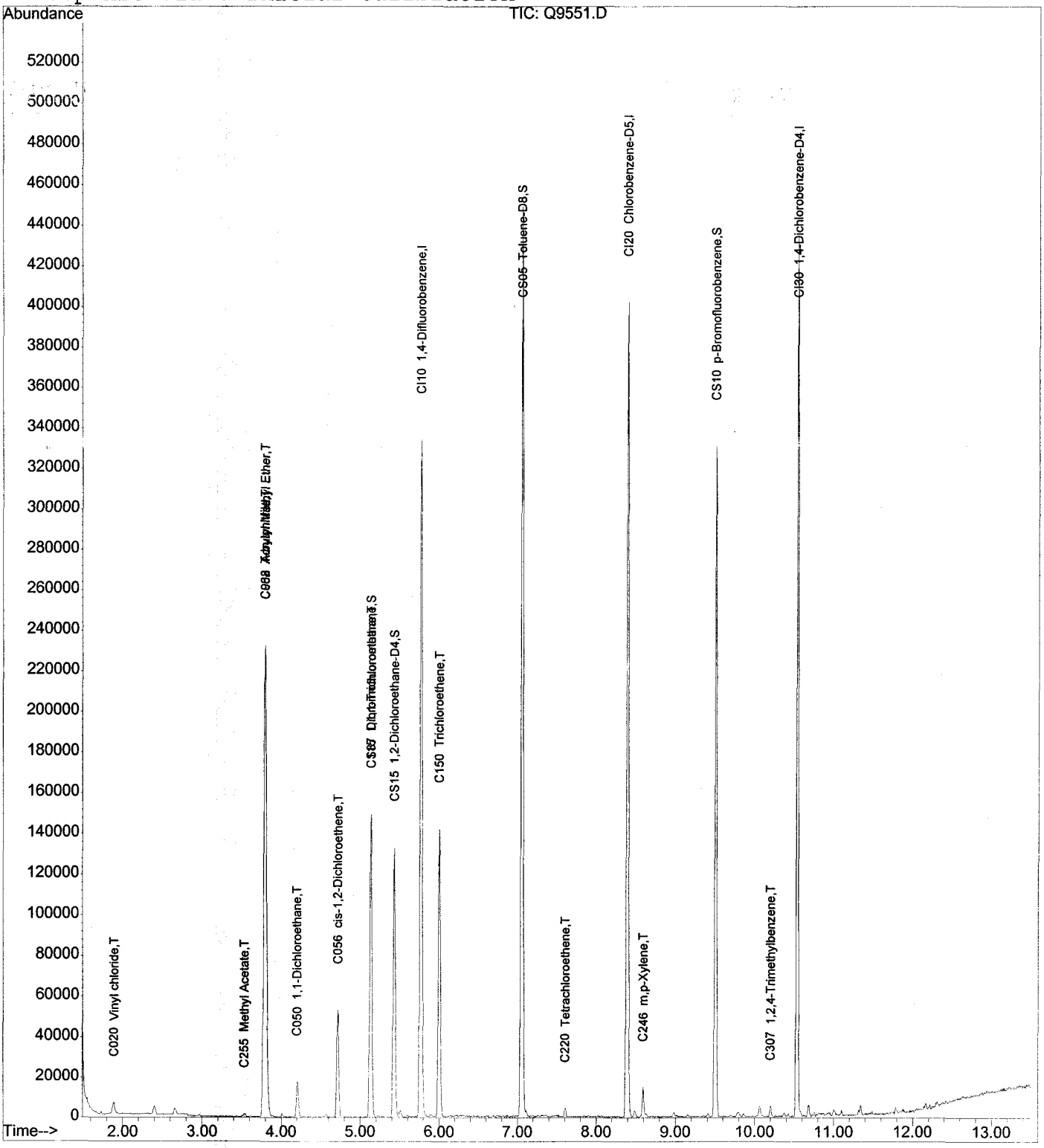
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	5.0	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	26	
91-20-3	Naphthalene	1.0	U
100-42-5	Styrene	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	0.45	J
108-88-3	Toluene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
71-55-6	1,1,1-Trichloroethane	5.3	
79-00-5	1,1,2-Trichloroethane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
79-01-6	Trichloroethene	13	
75-01-4	Vinyl chloride	1.8	
1330-20-7	Total Xylenes	3.0	U

Quantitation Report

Data File : C:\HPCHEM\1\DATA\122705\Q9551.D Vial: 34
Acq On : 27 Dec 2005 23:40 Operator: TLC
Sample : A5E58716 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 28 8:44 2005 Quant Results File: A5I02444.RES

Method : C:\HPCHEM\1\METHODS\Q8260\A5I02444.M (RTE Integrator)
Title : 8260 5ML
Last Update : Wed Dec 28 08:38:57 2005
Response via : Initial Calibration



Quantitation Report STL Buffalo

Data File : C:\HPCHEM\1\DATA\122705\Q9551.D Vial: 34
Acq On : 27 Dec 2005 23:40 Operator: TLC
Sample : A5E58716 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 28 8:44 2005 Quant Results File: A5I02444.RES

Quant Method : C:\HPCHEM\1...\A5I02444.M (RTE Integrator)
Title : 8260 5ML
Last Update : Wed Dec 28 08:38:57 2005
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : C:\HPCHEM\1\DATA\122705\Q9545.D (27 Dec 2005 20:40)

SMS 12/28/06 #xylenes

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.77	114	278237	125.00	ng	0.00 96.55%
43) CI20	Chlorobenzene-D5	8.39	117	243816	125.00	ng	0.00 96.67%
62) CI30	1,4-Dichlorobenzene-	10.53	152	116670	125.00	ng	0.00 92.55%
System Monitoring Compounds							
30) CS87	Dibromofluoromethane	5.14	111	74444	122.95	ng	0.00
Spiked Amount	125.000	Range	70 - 130	Recovery =	98.36%		
31) CS15	1,2-Dichloroethane-D	5.43	65	84815	120.48	ng	0.00
Spiked Amount	125.000	Range	72 - 143	Recovery =	96.38%		
44) CS05	Toluene-D8	7.05	98	300923	124.93	ng	0.00
Spiked Amount	125.000	Range	76 - 116	Recovery =	99.94%		
61) CS10	p-Bromofluorobenzene	9.51	174	100816	129.90	ng	0.00
Spiked Amount	125.000	Range	73 - 117	Recovery =	103.92%		
Target Compounds							Qvalue
2) C290	Dichlorodifluorometh	0.00	85	0	N.D.		
3) C010	Chloromethane	0.00	50	0	N.D.		
4) C020	Vinyl chloride	1.90	62	5443	9.04	ng	90
5) C015	Bromomethane	0.00	94	0	N.D.		
6) C025	Chloroethane	0.00	64	0	N.D.		
7) C275	Trichlorofluorometha	0.00	101	0	N.D.		
8) C045	1,1-Dichloroethene	0.00	96	0	N.D.		
9) C030	Methylene chloride	0.00	84	0	N.D.		
10) C040	Carbon disulfide	0.00	76	0	N.D.		
11) C036	Acrolein	0.00	56	0	N.D.		
12) C038	Acrylonitrile	3.79	53	2315	6.79	ng #	21
13) C035	Acetone	0.00	43	0	N.D.		
14) C300	Acetonitrile	3.53	41	138	N.D.		
15) C276	Iodomethane	0.00	142	0	N.D.		
16) C291	1,1,2 Trichloro-1,2,	0.00	101	0	N.D.		
17) C962	T-butyl Methyl Ether	3.79	73	277184	129.42	ng	100
18) C057	trans-1,2-Dichloroet	0.00	96	0	N.D.		
19) C255	Methyl Acetate	3.53	43	1954	2.05	ng #	55
20) C050	1,1-Dichloroethane	4.20	63	19404	15.78	ng	95
21) C125	Vinyl Acetate	0.00	43	0	N.D.		
22) C051	2,2-Dichloropropane	0.00	77	0	N.D.		

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

12/28/2006

Quantitation Report STL Buffalo

Data File : C:\HPCHEM\1\DATA\122705\Q9551.D Vial: 34
Acq On : 27 Dec 2005 23:40 Operator: TLC
Sample : A5E58716 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 28 8:44 2005 Quant Results File: A5I02444.RES

Quant Method : C:\HPCHEM\1...\A5I02444.M (RTE Integrator)
Title : 8260 5ML
Last Update : Wed Dec 28 08:38:57 2005
Response via : Initial Calibration
DataAcq Meth : VOA

	Compound		R.T.	QIon	Response	Conc	Unit		Qvalue
23)	C056	cis-1,2-Dichloroethe	4.72	96	23610	33.00	ng		91
24)	C272	Tetrahydrofuran	0.00	42	0	N.D.			
25)	C222	Bromochloromethane	0.00	128	0	N.D.			
26)	C060	Chloroform	0.00	83	0	N.D.			
27)	C115	1,1,1-Trichloroethan	5.13	97	23863	26.50	ng		97
28)	C120	Carbon tetrachloride	0.00	117	0	N.D.			
29)	C116	1,1-Dichloropropene	0.00	75	0	N.D.			
32)	C165	Benzene	5.45	78	841	N.D.			
33)	C065	1,2-Dichloroethane	0.00	62	0	N.D.			
34)	C110	2-Butanone	0.00	43	0	N.D.			
35)	C256	Cyclohexane	5.15	56	425	N.D.			
36)	C150	Trichloroethene	6.00	95	43963	65.31	ng	#	70
37)	C140	1,2-Dichloropropane	0.00	63	0	N.D.			
38)	C278	Dibromomethane	0.00	93	0	N.D.			
39)	C130	Bromodichloromethane	0.00	83	0	N.D.			
40)	C161	2-Chloroethylvinyl E	0.00	63	0	N.D.			
41)	C012	Methylcycolhexane	0.00	83	0	N.D.			
42)	C145	cis-1,3-Dichloroprop	0.00	75	0	N.D.			
45)	C230	Toluene	7.12	92	598	N.D.			
46)	C170	trans-1,3-Dichloropr	0.00	75	0	N.D.			
47)	C284	Ethyl Methacrylate	0.00	69	0	N.D.			
48)	C160	1,1,2-Trichloroethan	0.00	83	0	N.D.			
49)	C210	4-Methyl-2-pentanone	7.05	43	1109	N.D.			
50)	C220	Tetrachloroethene	7.60	166	1579	2.26	ng		85
51)	C221	1,3-Dichloropropane	0.00	76	0	N.D.			
52)	C155	Dibromochloromethane	0.00	129	0	N.D.			
53)	C163	1,2-Dibromoethane	0.00	107	0	N.D.			
54)	C215	2-Hexanone	0.00	43	0	N.D.			
55)	C235	Chlorobenzene	0.00	112	0	N.D.			
56)	C281	1,1,1,2-Tetrachloroe	0.00	131	0	N.D.			
57)	C240	Ethylbenzene	8.49	91	3299	N.D.			
58)	C246	m,p-Xylene	8.59	106	4719	3.80	ng		90
59)	C247	o-Xylene	8.98	106	976	N.D.			
60)	C245	Styrene	0.00	104	0	N.D.			
63)	C180	Bromoform	0.00	173	0	N.D.			
64)	C966	Isopropylbenzene	0.00	105	0	N.D.			
65)	C301	Bromobenzene	0.00	156	0	N.D.			
66)	C225	1,1,2,2-Tetrachloroe	0.00	83	0	N.D.			
67)	C282	1,2,3-Trichloropropa	0.00	110	0	N.D.			
68)	C283	t-1,4-Dichloro-2-But	0.00	51	0	N.D.			
69)	C302	n-Propylbenzene	9.70	91	848	N.D.			

11/2/2006

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

Quantitation Report STL Buffalo

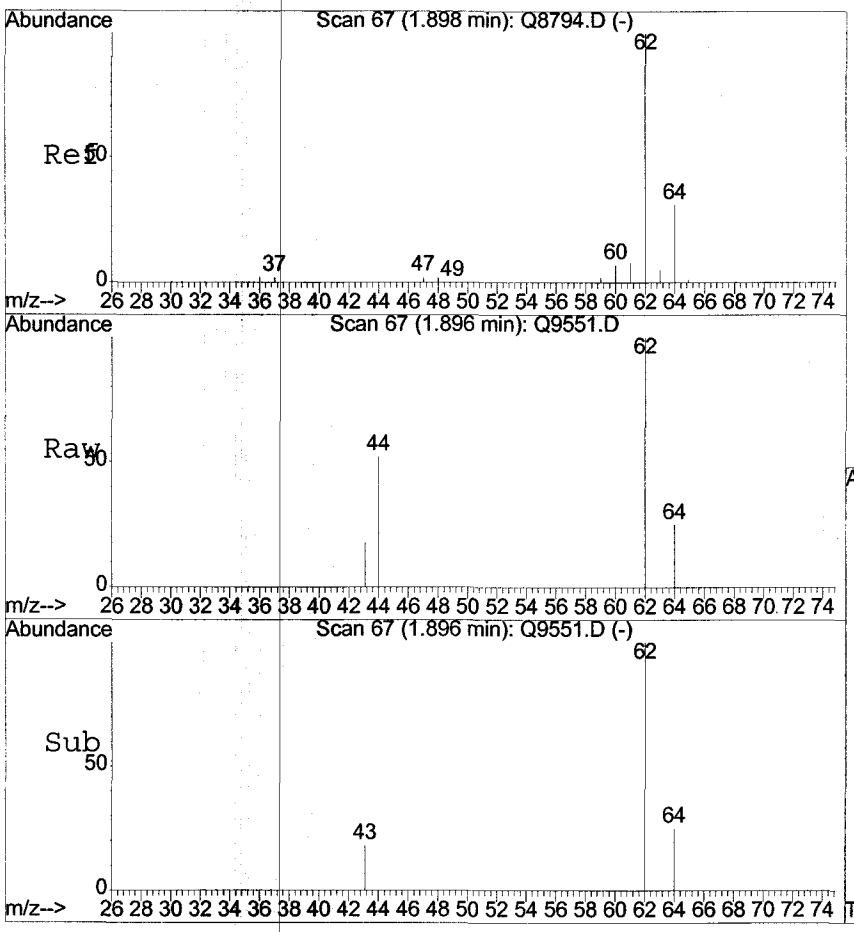
Data File : C:\HPCHEM\1\DATA\122705\Q9551.D Vial: 34
Acq On : 27 Dec 2005 23:40 Operator: TLC
Sample : A5E58716 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 28 8:44 2005 Quant Results File: A5I02444.RES

Quant Method : C:\HPCHEM\1...\A5I02444.M (RTE Integrator)
Title : 8260 5ML
Last Update : Wed Dec 28 08:38:57 2005
Response via : Initial Calibration
DataAcq Meth : VOA

	Compound		R.T.	QIon	Response	Conc Unit	Qvalue
70)	C303	2-Chlorotoluene	0.00	126	0	N.D.	
71)	C289	4-Chlorotoluene	0.00	126	0	N.D.	
72)	C304	1,3,5-Trimethylbenze	9.86	105	1223	N.D.	
73)	C306	tert-Butylbenzene	0.00	134	0	N.D.	
74)	C307	1,2,4-Trimethylbenze	10.20	105	4915	2.04 ng	95
75)	C308	sec-Butylbenzene	10.20	105	4915	N.D.	
76)	C260	1,3-Dichlorobenzene	0.00	146	0	N.D.	
77)	C309	4-Isopropyltoluene	0.00	119	0	N.D.	
78)	C267	1,4-Dichlorobenzene	0.00	146	0	N.D.	
79)	C249	1,2-Dichlorobenzene	0.00	146	0	N.D.	
80)	C310	n-Butylbenzene	10.81	91	457	N.D.	
81)	C286	1,2-Dibromo-3-Chloro	0.00	75	0	N.D.	
82)	C313	1,2,4-Trichlorobenze	0.00	180	0	N.D.	
83)	C316	Hexachlorobutadiene	0.00	225	0	N.D.	
84)	C314	Naphthalene	12.30	128	2528	N.D.	
85)	C934	1,2,3-Trichlorobenze	0.00	180	0	N.D.	

MT 1/12/2006

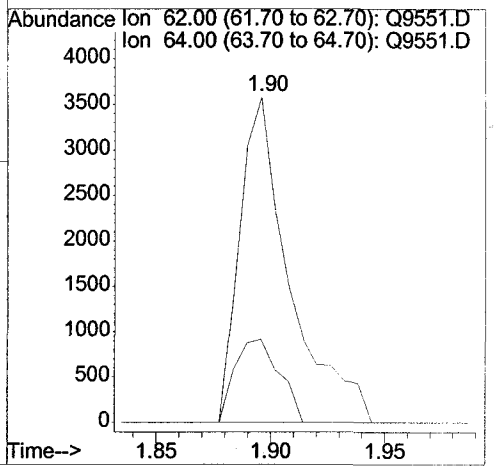
(#) = qualifier out of range (m) = manual integration

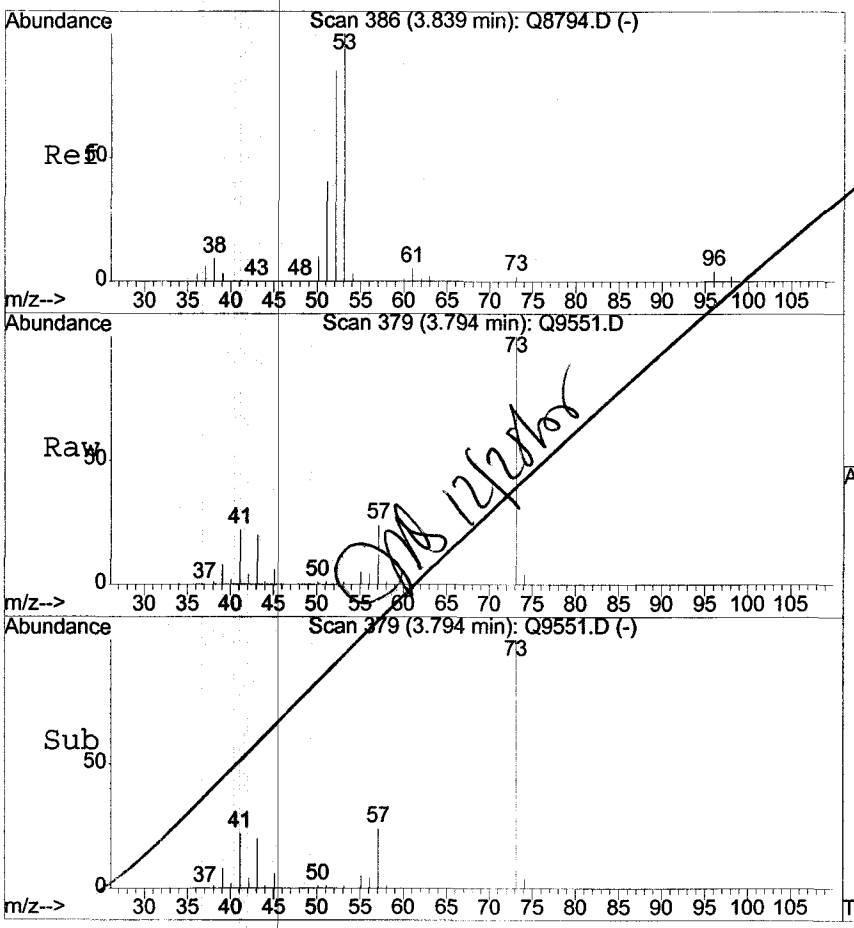


#4
C020 Vinyl chloride
Concen: 9.04 ng
RT: 1.90 min Scan# 67
Delta R.T. -0.00 min
Lab File: Q9551.D
Acq: 27 Dec 2005 23:40

Tgt Ion: 62 Resp: 5443

Ion	Ratio	Lower	Upper
62	100		
64	25.5	11.1	51.1

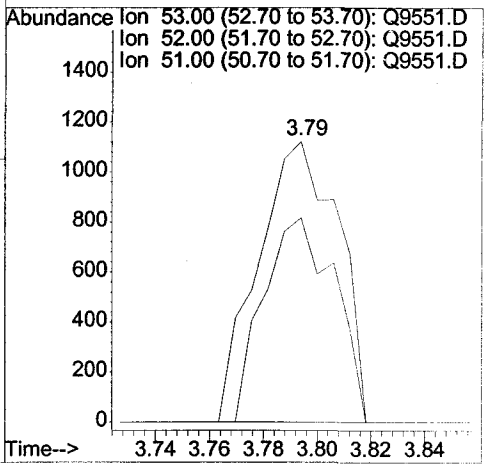


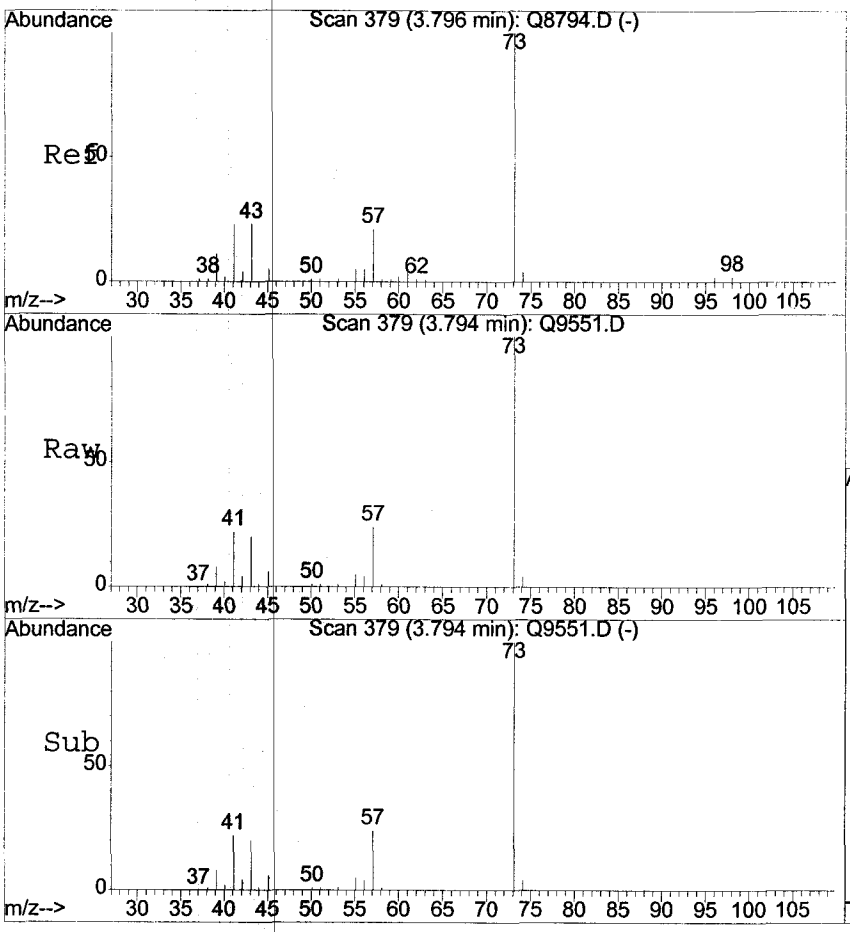


#12
C038 Acrylonitrile
Concen: 6.79 ng
RT: 3.79 min Scan# 379
Delta R.T. -0.04 min
Lab File: Q9551.D
Acq: 27 Dec 2005 23:40

Tgt Ion: 53 Resp: 2315

Ion	Ratio	Lower	Upper
53	100		
52	0.0	66.2	99.2#
51	64.9	28.7	43.1#

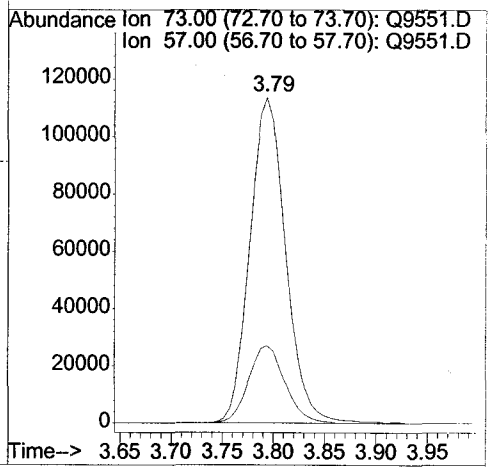


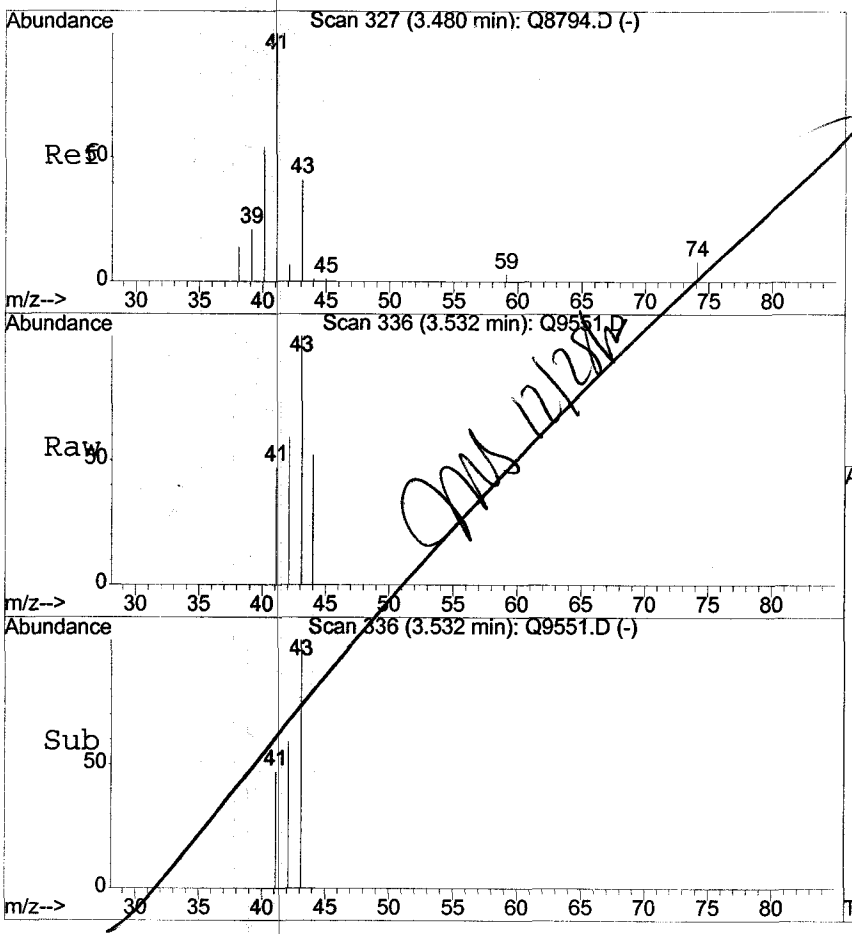


#17
C962 T-butyl Methyl Ether
Concen: 129.42 ng
RT: 3.79 min Scan# 379
Delta R.T. -0.00 min
Lab File: Q9551.D
Acq: 27 Dec 2005 23:40

Tgt Ion: 73 Resp: 277184

Ion	Ratio	Lower	Upper
73	100		
57	24.1	19.1	28.7

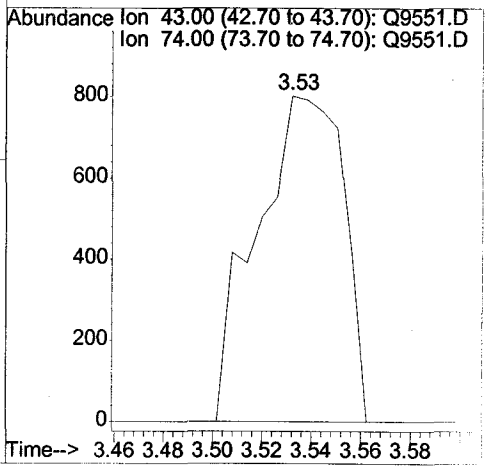


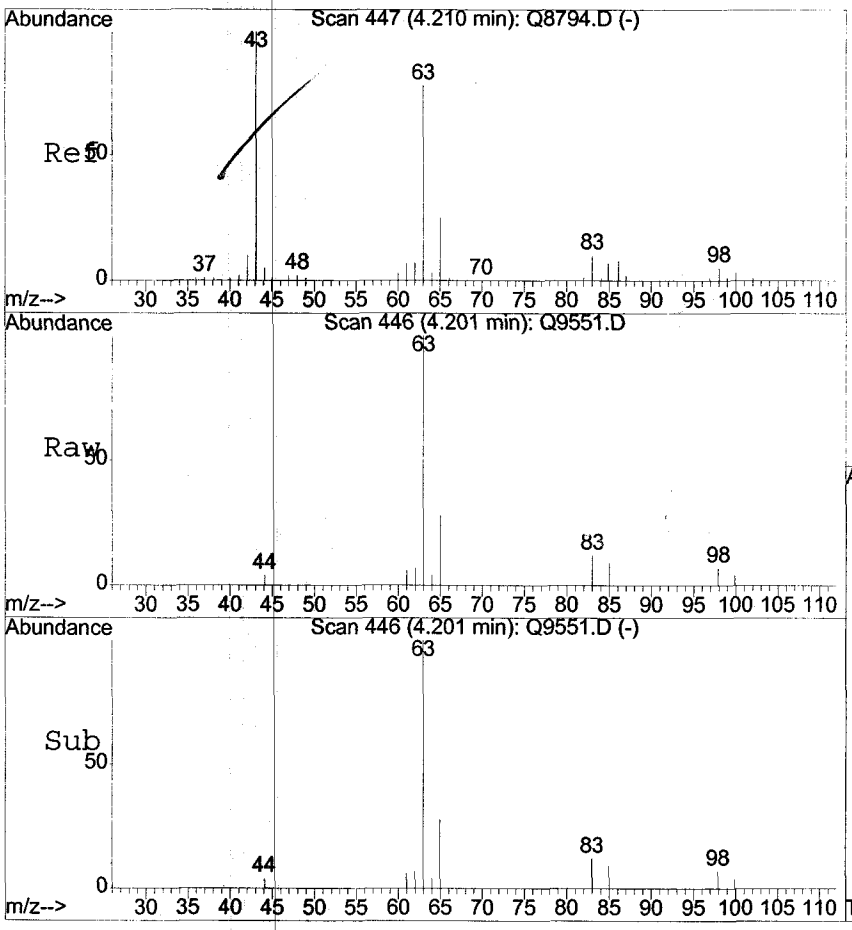


#19
C255 Methyl Acetate
Concen: 2.05 ng
RT: 3.53 min Scan# 336
Delta R.T. 0.05 min
Lab File: Q9551.D
Acq: 27 Dec 2005 23:40

Tgt Ion: 43 Resp: 1954

Ion	Ratio	Lower	Upper
43	100		
74	0.0	17.0	25.4#

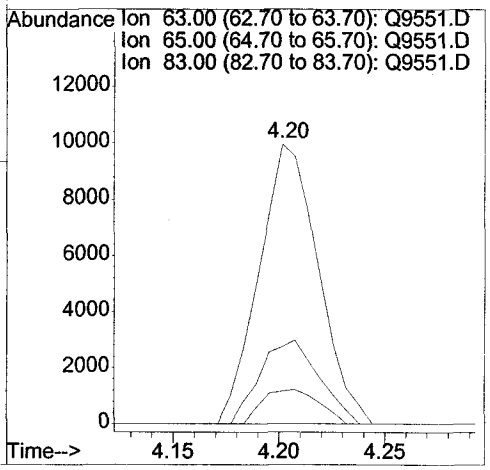


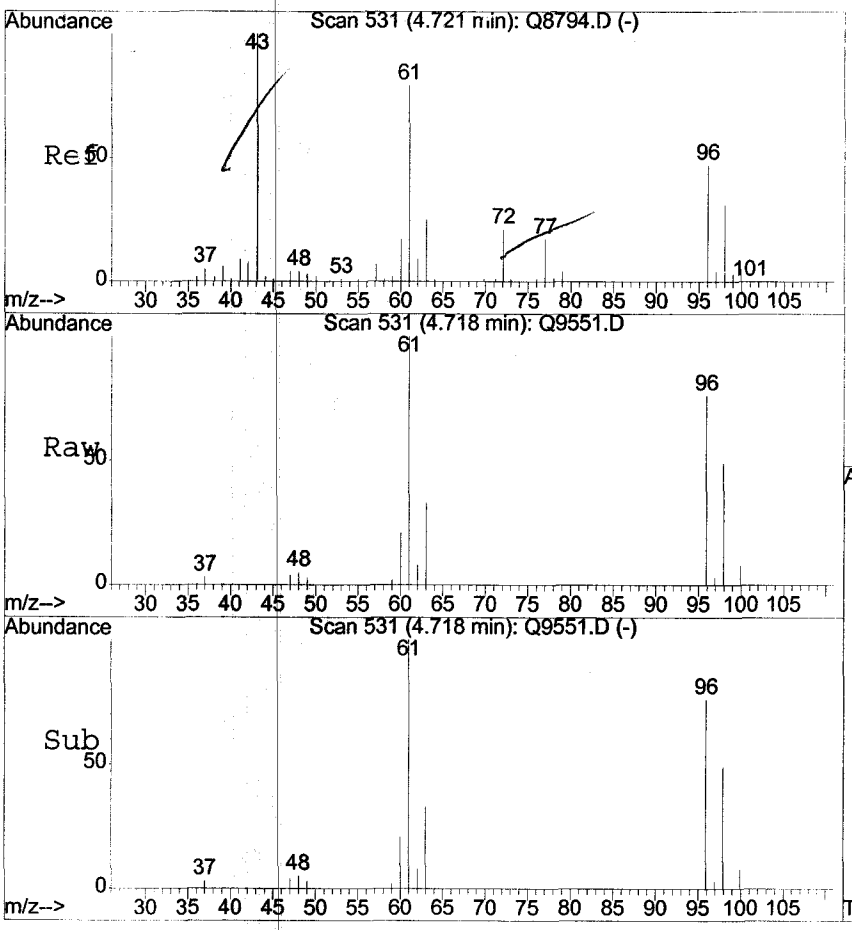


#20
C050 1,1-Dichloroethane
Concen: 15.78 ng
RT: 4.20 min Scan# 446
Delta R.T. -0.00 min
Lab File: Q9551.D
Acq: 27 Dec 2005 23:40

Tgt Ion: 63 Resp: 19404

Ion	Ratio	Lower	Upper
63	100		
65	27.6	11.1	51.1
83	11.7	0.0	31.6

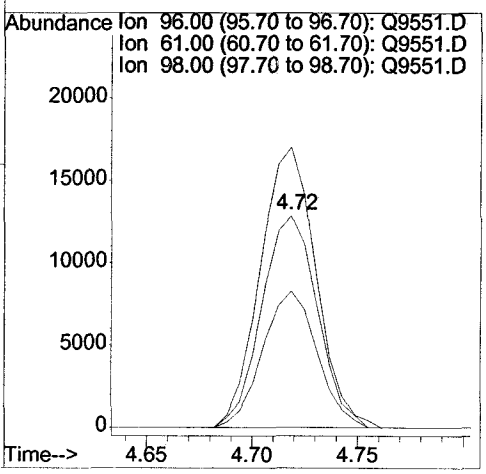


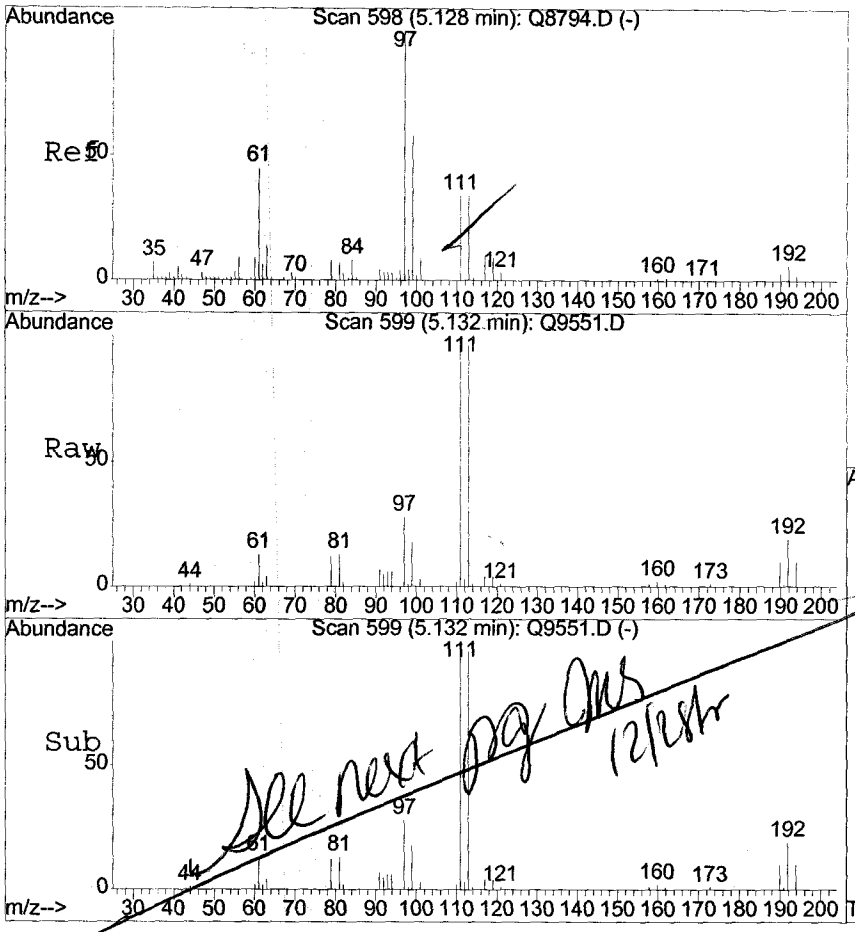


#23
C056 cis-1,2-Dichloroethene
Concen: 33.00 ng
RT: 4.72 min Scan# 531
Delta R.T. -0.00 min
Lab File: Q9551.D
Acq: 27 Dec 2005 23:40

Tgt Ion: 96 Resp: 23610

Ion	Ratio	Lower	Upper
96	100		
61	132.4	128.0	168.0
98	64.4	43.4	83.4

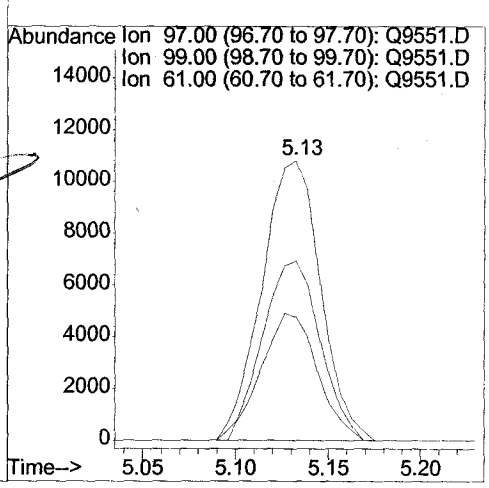


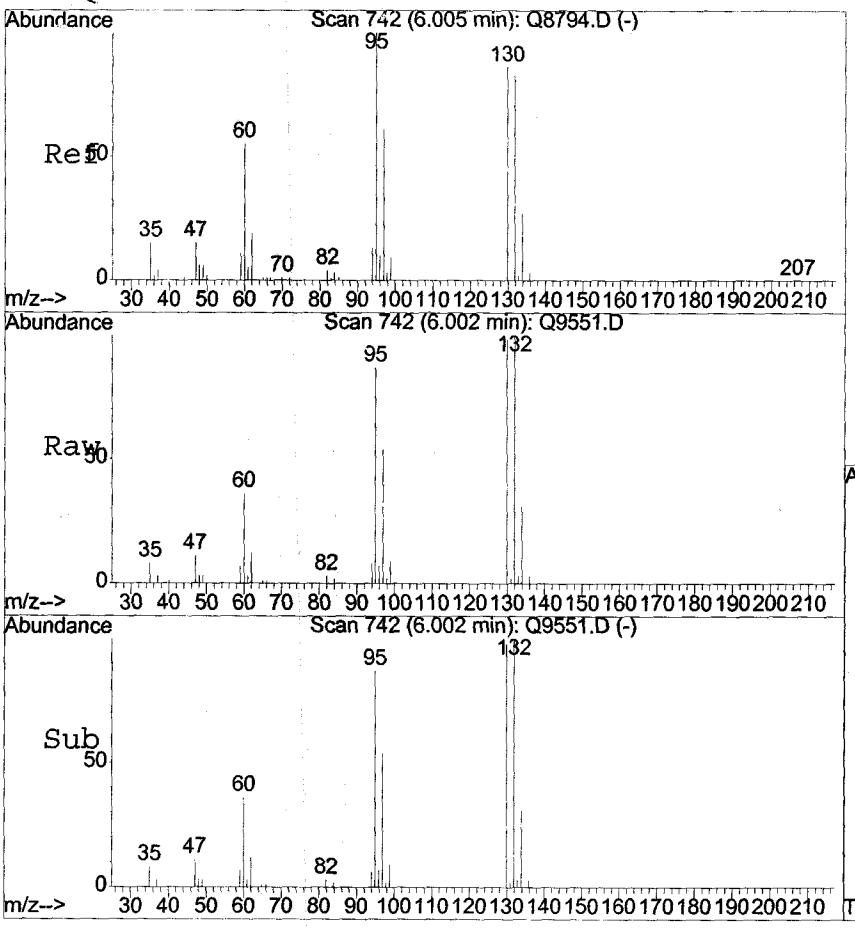


#27
C115 1,1,1-Trichloroethane
Concen: 26.50 ng
RT: 5.13 min Scan# 599
Delta R.T. -0.00 min
Lab File: Q9551.D
Acq: 27 Dec 2005 23:40

Tgt Ion: 97 Resp: 23863

Ion	Ratio	Lower	Upper
97	100		
99	64.2	44.1	84.1
61	44.1	28.0	68.0

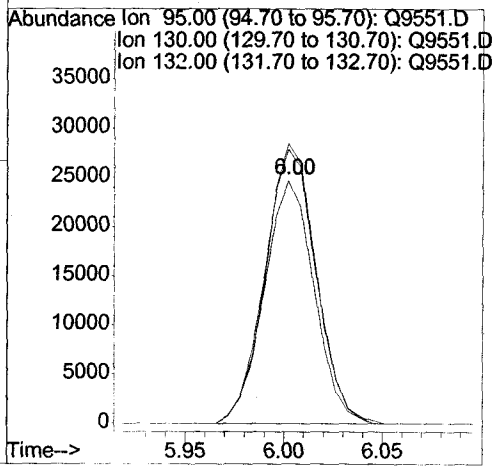




#36
C150 Trichloroethene
Concen: 65.31 ng
RT: 6.00 min Scan# 742
Delta R.T. 0.00 min
Lab File: Q9551.D
Acq: 27 Dec 2005 23:40

Tgt Ion: 95 Resp: 43963

Ion	Ratio	Lower	Upper
95	100		
130	113.0	68.8	108.8#
132	115.2	63.4	103.4#

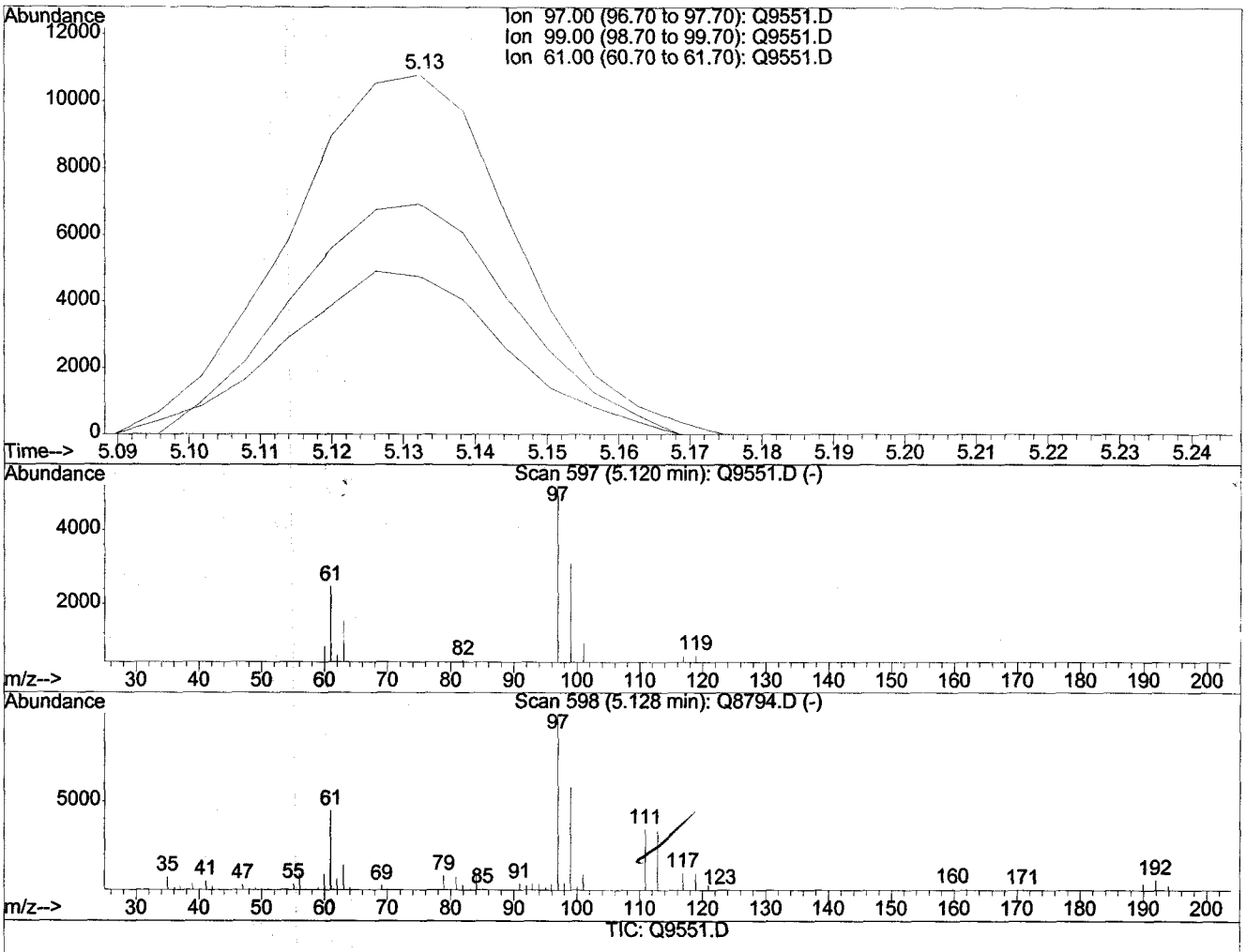


Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\122705\Q9551.D
Acq On : 27 Dec 2005 23:40
Sample : A5E58716
Misc :
MS Integration Params: RTEINT.P
Quant Time: Dec 28 12:16 2005

Vial: 34
Operator: TLC
Inst : HP5973 Q
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\Q8260\A5I02444.M (RTE Integrator)
Title : 8260 5ML
Last Update : Wed Dec 28 08:38:57 2005
Response via : Multiple Level Calibration



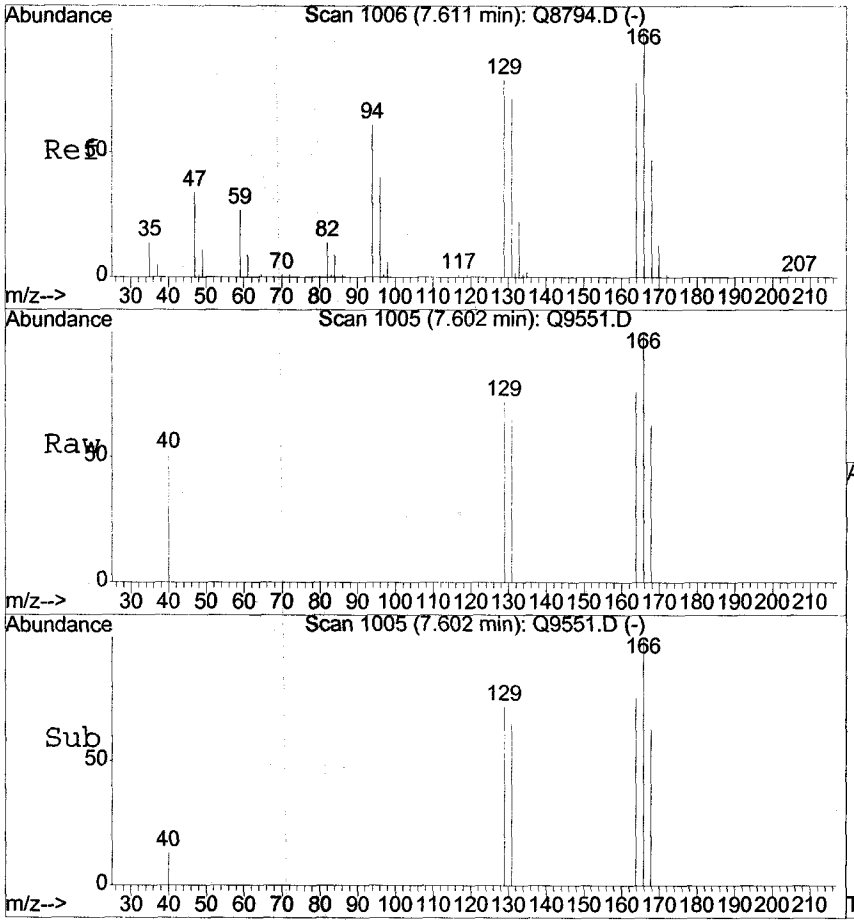
TIC: Q9551.D

(27) C115 1,1,1-Trichloroethane (T)

5.13min 26.50ng

response 23863

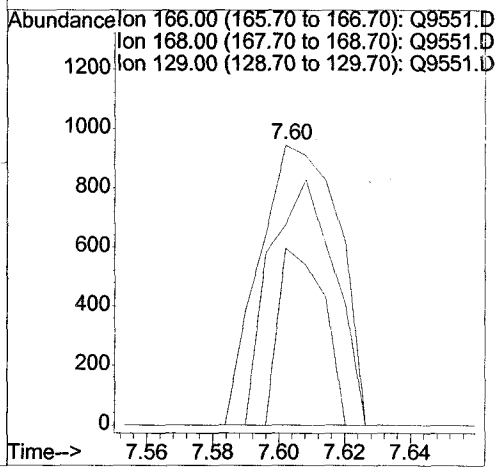
Ion	Exp%	Act%
97.00	100	100
99.00	64.10	64.21
61.00	48.00	44.05
0.00	0.00	0.00

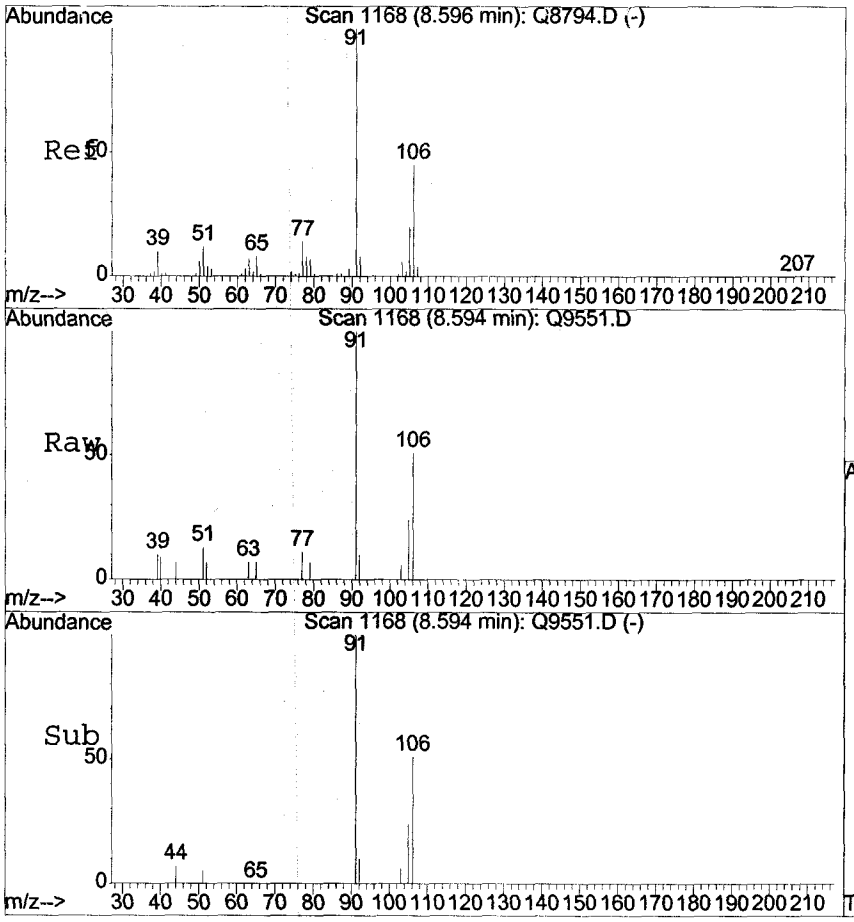


#50
C220 Tetrachloroethene
Concen: 2.26 ng
RT: 7.60 min Scan# 1005
Delta R.T. -0.01 min
Lab File: Q9551.D
Acq: 27 Dec 2005 23:40

Tgt Ion:166 Resp: 1579

Ion	Ratio	Lower	Upper
166	100		
168	63.1	26.0	66.0
129	71.7	59.2	99.2

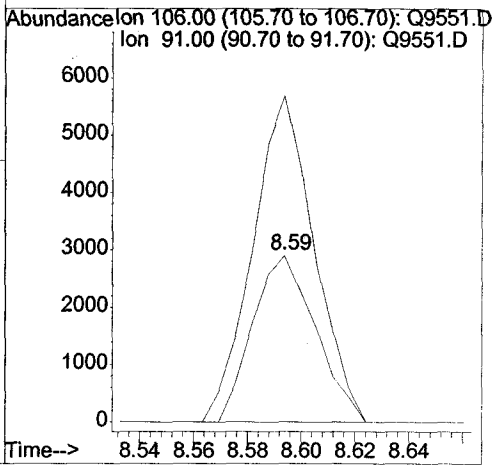


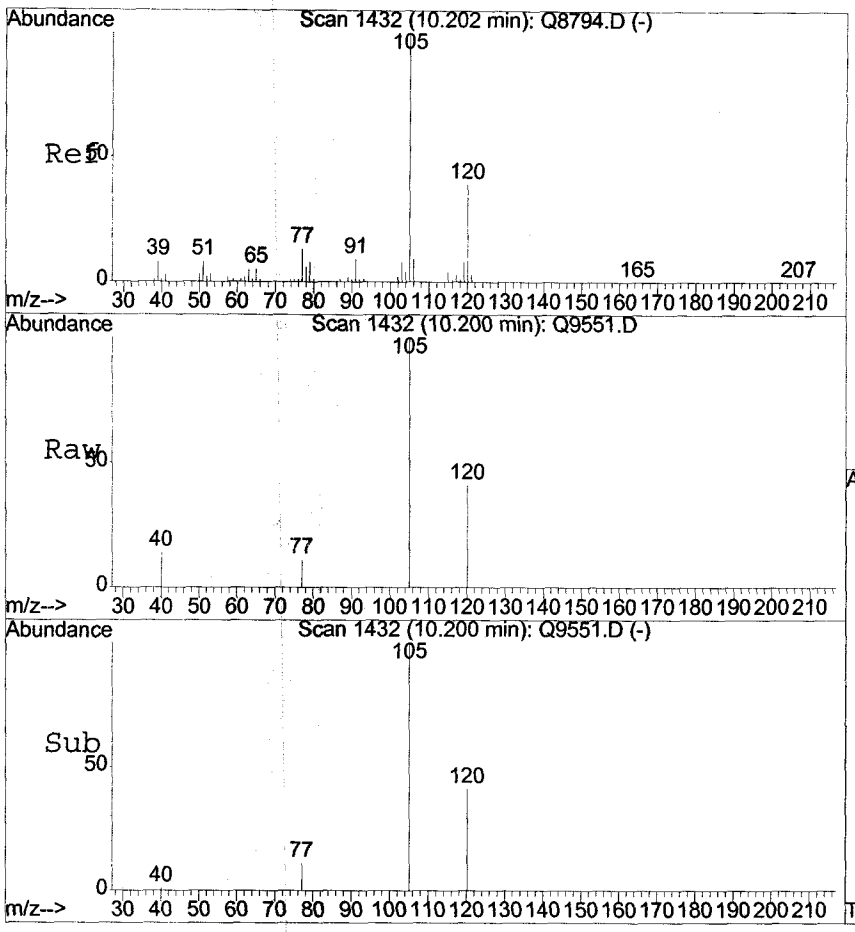


#58
C246 m,p-Xylene
Concen: 3.80 ng
RT: 8.59 min Scan# 1168
Delta R.T. -0.00 min
Lab File: Q9551.D
Acq: 27 Dec 2005 23:40

Tgt Ion:106 Resp: 4719

Ion	Ratio	Lower	Upper
106	100		
91	196.3	191.5	231.5

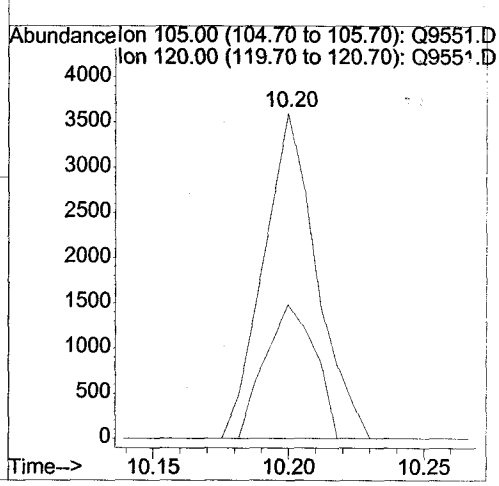




#74
C307 1,2,4-Trimethylbenzene
Concen: 2.04 ng
RT: 10.20 min Scan# 1432
Delta R.T. -0.00 min
Lab File: Q9551.D
Acq: 27 Dec 2005 23:40

Tgt Ion:105 Resp: 4915

Ion	Ratio	Lower	Upper
105	100		
120	41.3	24.2	64.2



METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.

MW-39

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A5E58720

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q9555.RR

Level: (low/med) LOW Date Samp/Recv: 12/21/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/28/2005

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	5.0	U
71-43-2	Benzene	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon Disulfide	1.0	U
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	1.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	1.0	U
110-82-7	Cyclohexane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-59-2	cis-1,2-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
98-82-8	Isopropylbenzene	1.0	U
79-20-9	Methyl acetate	1.0	U
108-87-2	Methylcyclohexane	1.0	U
75-09-2	Methylene chloride	1.0	U

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.

MW-39

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A5E58720

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q9555.RR

Level: (low/med) LOW Date Samp/Recv: 12/21/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/28/2005

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

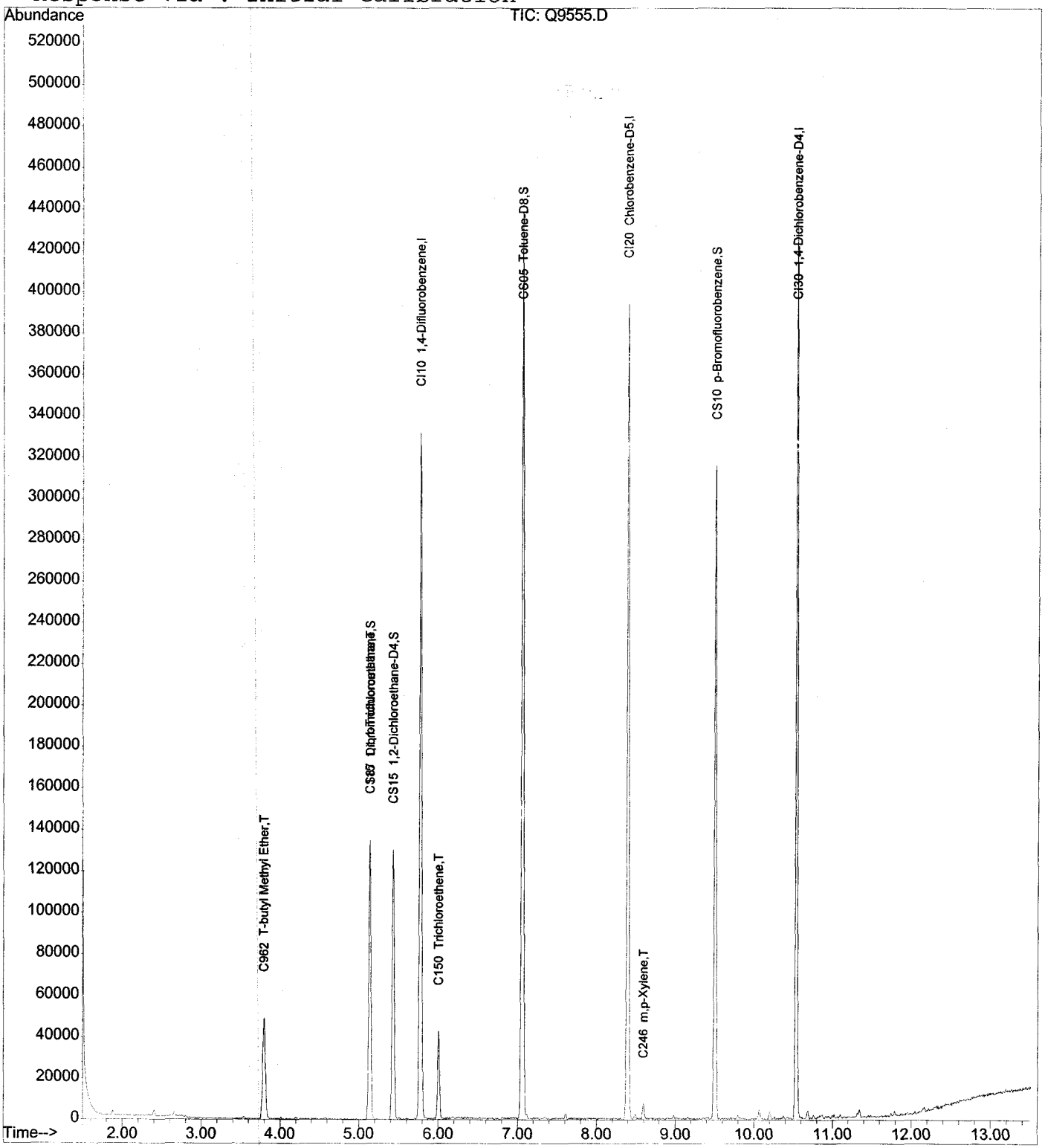
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	5.0	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	5.4	
91-20-3	Naphthalene	1.0	U
100-42-5	Styrene	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
71-55-6	1,1,1-Trichloroethane	2.8	
79-00-5	1,1,2-Trichloroethane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
79-01-6	Trichloroethene	4.0	
75-01-4	Vinyl chloride	1.0	U
1330-20-7	Total Xylenes	3.0	U

Quantitation Report

Data File : C:\HPCHEM\1\DATA\122705\Q9555.D Vial: 38
Acq On : 28 Dec 2005 1:33 Operator: TLC
Sample : A5E58720 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 28 8:44 2005 Quant Results File: A5I02444.RES

Method : C:\HPCHEM\1\METHODS\Q8260\A5I02444.M (RTE Integrator)
Title : 8260 5ML
Last Update : Wed Dec 28 08:38:57 2005
Response via : Initial Calibration



Quantitation Report STL Buffalo

Data File : C:\HPCHEM\1\DATA\122705\Q9555.D Vial: 38
Acq On : 28 Dec 2005 1:33 Operator: TLC
Sample : A5E58720 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 28 8:44 2005 Quant Results File: A5I02444.RES

Quant Method : C:\HPCHEM\1...\A5I02444.M (RTE Integrator)
Title : 8260 5ML
Last Update : Wed Dec 28 08:38:57 2005
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : C:\HPCHEM\1\DATA\122705\Q9545.D (27 Dec 2005 20:40)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.77	114	275219	125.00	ng	0.00 95.50%
43) CI20	Chlorobenzene-D5	8.39	117	237875	125.00	ng	0.00 94.31%
62) CI30	1,4-Dichlorobenzene-	10.53	152	114860	125.00	ng	0.00 91.12%
System Monitoring Compounds							
30) CS87	Dibromofluoromethane	5.14	111	74188	123.87	ng	0.00
Spiked Amount	125.000	Range	70 - 130	Recovery =	99.10%		
31) CS15	1,2-Dichloroethane-D	5.43	65	84765	121.73	ng	0.00
Spiked Amount	125.000	Range	72 - 143	Recovery =	97.38%		
44) CS05	Toluene-D8	7.05	98	296494	126.17	ng	0.00
Spiked Amount	125.000	Range	76 - 116	Recovery =	100.94%		
61) CS10	p-Bromofluorobenzene	9.51	174	98803	130.49	ng	0.00
Spiked Amount	125.000	Range	73 - 117	Recovery =	104.39%		
Target Compounds							Qvalue
2) C290	Dichlorodifluorometh	0.00	85	0	N.D.		
3) C010	Chloromethane	0.00	50	0	N.D.		
4) C020	Vinyl chloride	0.00	62	0	N.D.		
5) C015	Bromomethane	0.00	94	0	N.D.		
6) C025	Chloroethane	0.00	64	0	N.D.		
7) C275	Trichlorofluorometha	0.00	101	0	N.D.		
8) C045	1,1-Dichloroethene	0.00	96	0	N.D.		
9) C030	Methylene chloride	0.00	84	0	N.D.		
10) C040	Carbon disulfide	0.00	76	0	N.D.		
11) C036	Acrolein	0.00	56	0	N.D.		
12) C038	Acrylonitrile	0.00	53	0	N.D.		
13) C035	Acetone	0.00	43	0	N.D.		
14) C300	Acetonitrile	0.00	41	0	N.D.		
15) C276	Iodomethane	0.00	142	0	N.D.		
16) C291	1,1,2 Trichloro-1,2,	0.00	101	0	N.D.		
17) C962	T-butyl Methyl Ether	3.79	73	57610	27.19	ng	100
18) C057	trans-1,2-Dichloroet	0.00	96	0	N.D.		
19) C255	Methyl Acetate	3.55	43	1090	N.D.		
20) C050	1,1-Dichloroethane	4.21	63	1231	N.D.		
21) C125	Vinyl Acetate	0.00	43	0	N.D.		
22) C051	2,2-Dichloropropane	0.00	77	0	N.D.		

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

Quantitation Report STL Buffalo

Data File : C:\HPCHEM\1\DATA\122705\Q9555.D Vial: 38
Acq On : 28 Dec 2005 1:33 Operator: TLC
Sample : A5E58720 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 28 8:44 2005 Quant Results File: A5I02444.RES

Quant Method : C:\HPCHEM\1...\A5I02444.M (RTE Integrator)
Title : 8260 5ML
Last Update : Wed Dec 28 08:38:57 2005
Response via : Initial Calibration
DataAcq Meth : VOA

	Compound		R.T.	QIon	Response	Conc Unit		Qvalue
23)	C056	cis-1,2-Dichloroethe	0.00	96	0	N.D.		
24)	C272	Tetrahydrofuran	0.00	42	0	N.D.		
25)	C222	Bromochloromethane	0.00	128	0	N.D.		
26)	C060	Chloroform	0.00	83	0	N.D.		
27)	C115	1,1,1-Trichloroethan	5.13	97	12351	13.87 ng		95
28)	C120	Carbon tetrachloride	0.00	117	0	N.D.		
29)	C116	1,1-Dichloropropene	0.00	75	0	N.D.		
32)	C165	Benzene	0.00	78	0	N.D.		
33)	C065	1,2-Dichloroethane	0.00	62	0	N.D.		
34)	C110	2-Butanone	0.00	43	0	N.D.		
35)	C256	Cyclohexane	0.00	56	0	N.D.		
36)	C150	Trichloroethene	6.00	95	13271	19.93 ng	#	73
37)	C140	1,2-Dichloropropane	0.00	63	0	N.D.		
38)	C278	Dibromomethane	0.00	93	0	N.D.		
39)	C130	Bromodichloromethane	0.00	83	0	N.D.		
40)	C161	2-Chloroethylvinyl E	0.00	63	0	N.D.		
41)	C012	Methylcycolhexane	0.00	83	0	N.D.		
42)	C145	cis-1,3-Dichloroprop	0.00	75	0	N.D.		
45)	C230	Toluene	7.11	92	581	N.D.		
46)	C170	trans-1,3-Dichloropr	0.00	75	0	N.D.		
47)	C284	Ethyl Methacrylate	0.00	69	0	N.D.		
48)	C160	1,1,2-Trichloroethan	0.00	83	0	N.D.		
49)	C210	4-Methyl-2-pentanone	7.05	43	1034	N.D.		
50)	C220	Tetrachloroethene	7.61	166	1083	N.D.		
51)	C221	1,3-Dichloropropane	0.00	76	0	N.D.		
52)	C155	Dibromochloromethane	0.00	129	0	N.D.		
53)	C163	1,2-Dibromoethane	0.00	107	0	N.D.		
54)	C215	2-Hexanone	0.00	43	0	N.D.		
55)	C235	Chlorobenzene	0.00	112	0	N.D.		
56)	C281	1,1,1,2-Tetrachloroe	0.00	131	0	N.D.		
57)	C240	Ethylbenzene	8.49	91	2165	N.D.		
58)	C246	m,p-Xylene	8.59	106	3433	2.83 ng	#	63
59)	C247	o-Xylene	8.98	106	512	N.D.		
60)	C245	Styrene	0.00	104	0	N.D.		
63)	C180	Bromoform	0.00	173	0	N.D.		
64)	C966	Isopropylbenzene	0.00	105	0	N.D.		
65)	C301	Bromobenzene	0.00	156	0	N.D.		
66)	C225	1,1,2,2-Tetrachloroe	0.00	83	0	N.D.		
67)	C282	1,2,3-Trichloropropa	0.00	110	0	N.D.		
68)	C283	t-1,4-Dichloro-2-But	0.00	51	0	N.D.		
69)	C302	n-Propylbenzene	9.71	91	437	N.D.		

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

1/13/2006

Quantitation Report STL Buffalo

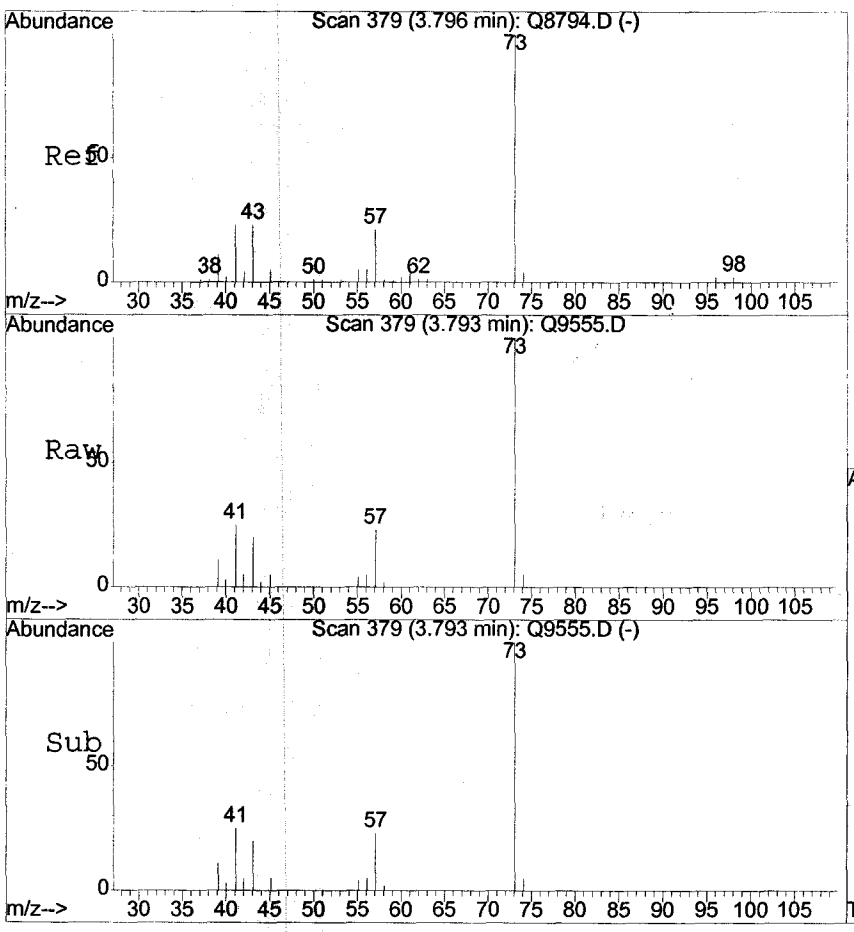
Data File : C:\HPCHEM\1\DATA\122705\Q9555.D Vial: 38
Acq On : 28 Dec 2005 1:33 Operator: TLC
Sample : A5E58720 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 28 8:44 2005 Quant Results File: A5I02444.RES

Quant Method : C:\HPCHEM\1...\A5I02444.M (RTE Integrator)
Title : 8260 5ML
Last Update : Wed Dec 28 08:38:57 2005
Response via : Initial Calibration
DataAcq Meth : VOA

	Compound		R.T.	QIon	Response	Conc Unit	Qvalue
70)	C303	2-Chlorotoluene	0.00	126	0	N.D.	
71)	C289	4-Chlorotoluene	0.00	126	0	N.D.	
72)	C304	1,3,5-Trimethylbenze	9.86	105	560	N.D.	
73)	C306	tert-Butylbenzene	0.00	134	0	N.D.	
74)	C307	1,2,4-Trimethylbenze	10.21	105	3199	N.D.	
75)	C308	sec-Butylbenzene	10.21	105	3199	N.D.	
76)	C260	1,3-Dichlorobenzene	0.00	146	0	N.D.	
77)	C309	4-Isopropyltoluene	0.00	119	0	N.D.	
78)	C267	1,4-Dichlorobenzene	0.00	146	0	N.D.	
79)	C249	1,2-Dichlorobenzene	0.00	146	0	N.D.	
80)	C310	n-Butylbenzene	0.00	91	0	N.D.	
81)	C286	1,2-Dibromo-3-Chloro	0.00	75	0	N.D.	
82)	C313	1,2,4-Trichlorobenze	0.00	180	0	N.D.	
83)	C316	Hexachlorobutadiene	0.00	225	0	N.D.	
84)	C314	Naphthalene	12.30	128	1622	N.D.	
85)	C934	1,2,3-Trichlorobenze	0.00	180	0	N.D.	

1/13/2006

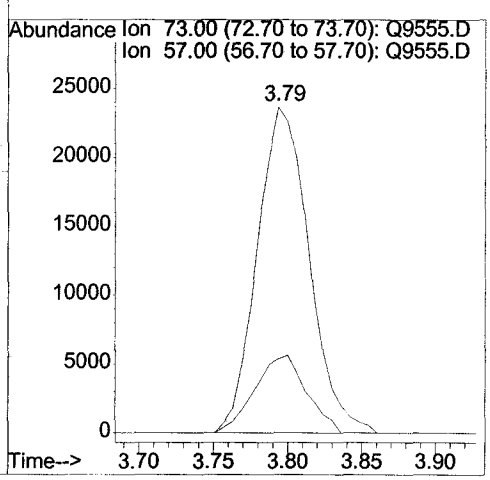
(#) = qualifier out of range (m) = manual integration

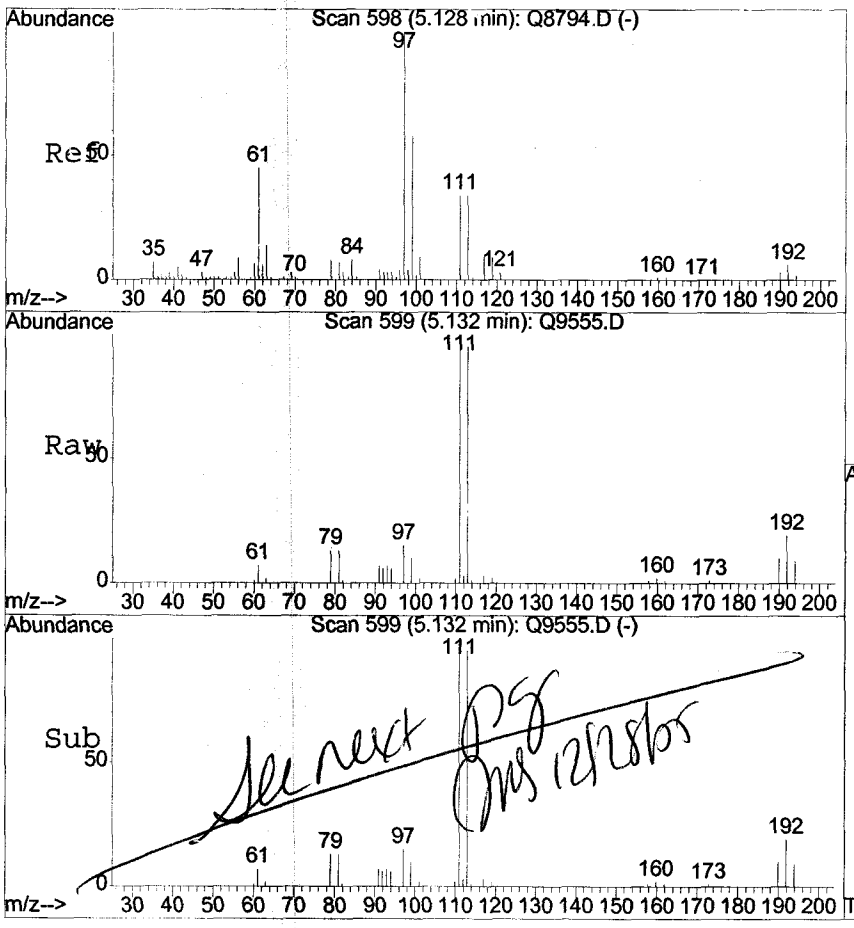


#17
C962 T-butyl Methyl Ether
Concen: 27.19 ng
RT: 3.79 min Scan# 379
Delta R.T. -0.00 min
Lab File: Q9555.D
Acq: 28 Dec 2005 1:33

Tgt Ion: 73 Resp: 57610

Ion	Ratio	Lower	Upper
73	100		
57	23.7	19.1	28.7

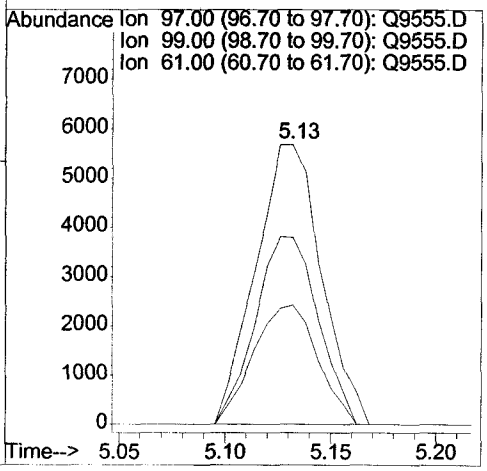




#27
C115 1,1,1-Trichloroethane
Concen: 13.87 ng
RT: 5.13 min Scan# 599
Delta R.T. -0.00 min
Lab File: Q9555.D
Acq: 28 Dec 2005 1:33

Tgt Ion: 97 Resp: 12351

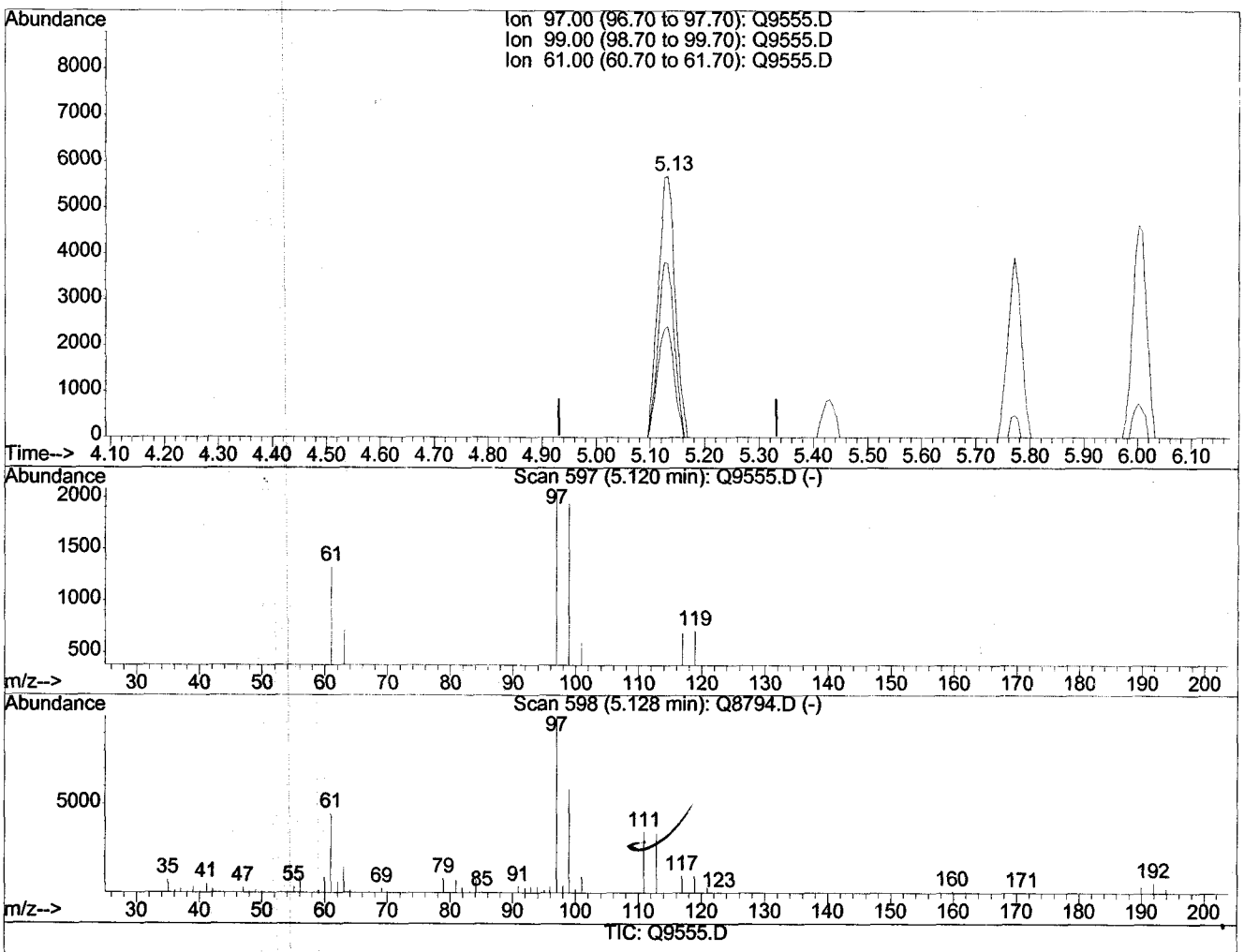
Ion	Ratio	Lower	Upper
97	100		
99	66.9	44.1	84.1
61	42.7	28.0	68.0



Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\122705\Q9555.D Vial: 38
Acq On : 28 Dec 2005 1:33 Operator: TLC
Sample : A5E58720 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 28 8:44 2005 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\Q8260\A5I02444.M (RTE Integrator)
Title : 8260 5ML
Last Update : Wed Dec 28 13:19:14 2005
Response via : Multiple Level Calibration

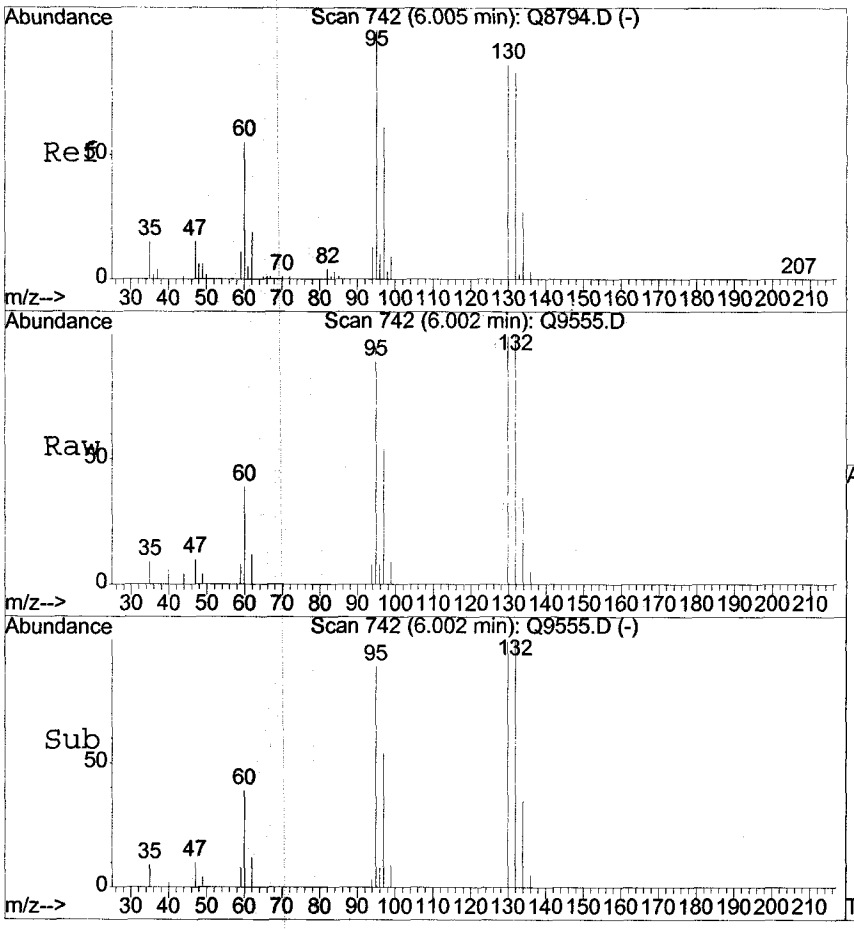


(27) C115 1,1,1-Trichloroethane (T)

5.13min 13.87ng

response 12351

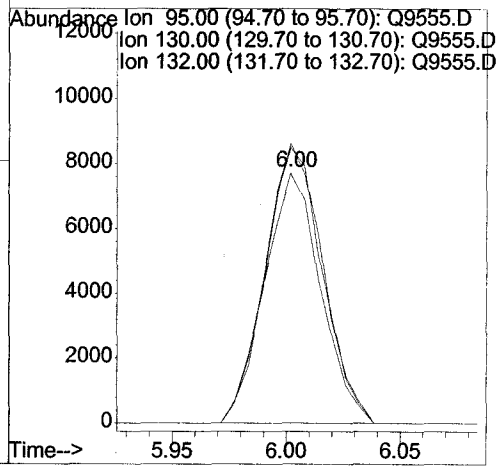
Ion	Exp%	Act%
97.00	100	100
99.00	64.10	66.88
61.00	48.00	42.73
0.00	0.00	0.00

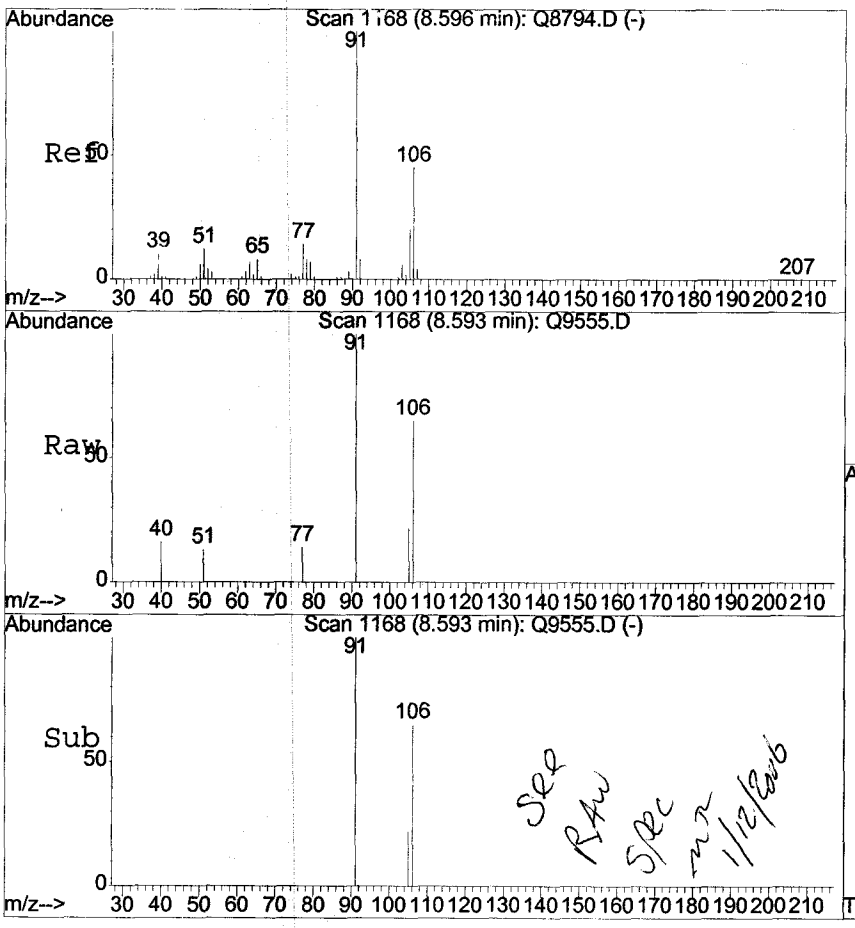


#36
C150 Trichloroethene
Concen: 19.93 ng
RT: 6.00 min Scan# 742
Delta R.T. -0.00 min
Lab File: Q9555.D
Acq: 28 Dec 2005 1:33

Tgt Ion: 95 Resp: 13271

Ion	Ratio	Lower	Upper
95	100		
130	110.2	68.8	108.8#
132	111.8	63.4	103.4#

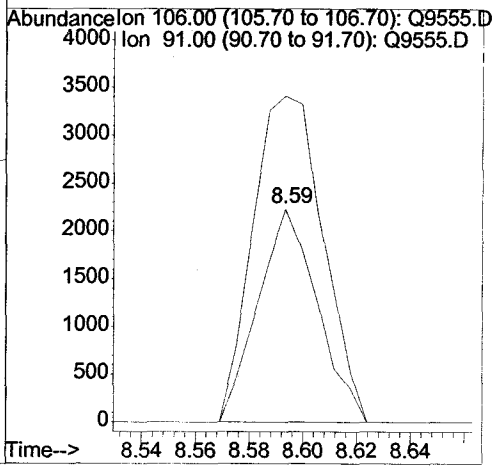




#58
C246 m,p-Xylene
Concen: 2.83 ng
RT: 8.59 min Scan# 1168
Delta R.T. -0.00 min
Lab File: Q9555.D
Acq: 28 Dec 2005 1:33

Tgt Ion:106 Resp: 3433

Ion	Ratio	Lower	Upper
106	100		
91	152.8	191.5	231.5#



METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.

MW-8

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A5E58704

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: S9672.RR

Level: (low/med) LOW Date Samp/Recv: 12/20/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/27/2005

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	5.0	U
71-43-2	Benzene	1.8	
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon Disulfide	1.0	U
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	1.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	1.0	U
110-82-7	Cyclohexane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-59-2	cis-1,2-Dichloroethene	0.92	J
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
98-82-8	Isopropylbenzene	1.0	U
79-20-9	Methyl acetate	1.0	U
108-87-2	Methylcyclohexane	1.0	U
75-09-2	Methylene chloride	1.0	U

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.

MW-8

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A5E58704

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: S9672.RR

Level: (low/med) LOW Date Samp/Recv: 12/20/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/27/2005

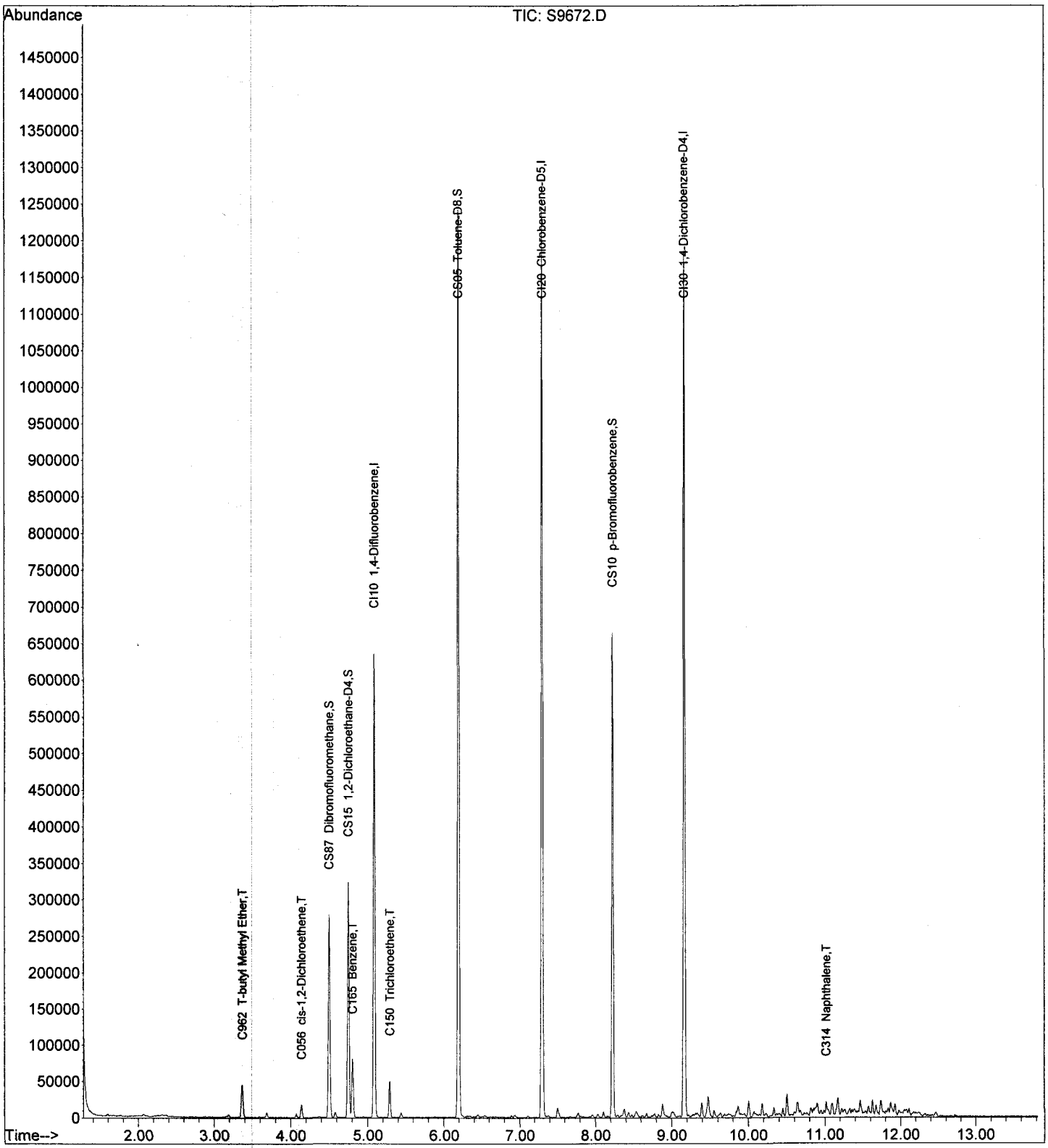
GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	5.0	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	1.8	
91-20-3	Naphthalene	0.53	J
100-42-5	Styrene	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
79-01-6	Trichloroethene	1.9	
75-01-4	Vinyl chloride	1.0	U
1330-20-7	Total Xylenes	3.0	U

Data File : D:\DATA\122705\S9672.D Vial: 22
Acq On : 27 Dec 2005 18:24 Operator: LH
Sample : A5E58704 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Dec 27 20:50:36 2005 Results File: A5I0002442_E2.RES
Quant Method : C:\MSDCHEM\1...\A5I0002442_E2.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Tue Dec 27 11:08:38 2005
Response via : Initial Calibration
DataAcq Meth : VOA



Data File : D:\DATA\122705\S9672.D Vial: 22
Acq On : 27 Dec 2005 18:24 Operator: LH
Sample : A5E58704 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 27 20:50:36 2005 Results File: A5I0002442_E2.RES

Quant Method : C:\MSDCHEM\1...\A5I0002442_E2.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Tue Dec 27 11:08:38 2005
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\DATA\122705\S9652.D (27 Dec 2005 10:13)

STE 12/28/05 2nd

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.09	114	390693	125.00	ng	0.00 88.59%
43) CI20	Chlorobenzene-D5	7.30	117	545856	125.00	ng	0.00 90.90%
62) CI30	1,4-Dichlorobenzene-	9.17	152	262800	125.00	ng	0.00 88.35%
System Monitoring Compounds							
30) CS87	Dibromofluoromethane	4.50	111	139825	126.80	ng	0.00
Spiked Amount	125.000	Range	70 - 130	Recovery	=	101.44%	
31) CS15	1,2-Dichloroethane-D	4.75	65	147460	122.53	ng	0.00
Spiked Amount	125.000	Range	73 - 136	Recovery	=	98.02%	
44) CS05	Toluene-D8	6.19	98	627065	115.97	ng	0.00
Spiked Amount	125.000	Range	77 - 122	Recovery	=	92.78%	
61) CS10	p-Bromofluorobenzene	8.23	174	128270	104.47	ng	0.00
Spiked Amount	125.000	Range	74 - 120	Recovery	=	83.58%	

Target Compounds							Qvalue
2) C290	Dichlorodifluorome	0.00	85	0	N.D.		
3) C010	Chloromethane	0.00	50	0	N.D.		
4) C020	Vinyl chloride	1.60	62	1493	N.D.		
5) C015	Bromomethane	0.00	94	0	N.D.		
6) C025	Chloroethane	0.00	64	0	N.D.		
7) C275	Trichlorofluoromet	0.00	101	0	N.D.		
8) C045	1,1-Dichloroethene	0.00	96	0	N.D.		
9) C030	Methylene chloride	0.00	84	0	N.D.		
10) C040	Carbon disulfide	2.88	76	817	N.D.		
11) C036	Acrolein	0.00	56	0	N.D.		
12) C038	Acrylonitrile	0.00	53	0	N.D.		
13) C035	Acetone	2.75	43	219	N.D.		
14) C300	Acetonitrile	0.00	41	0	N.D.		
15) C276	Iodomethane	0.00	142	0	N.D.		
16) C291	1,1,2 Trichloro-1,	0.00	101	0	N.D.		
17) C962	T-butyl Methyl Ether	3.37	73	29000	9.09	ng #	80
18) C057	trans-1,2-Dichloro	3.35	96	131	N.D.		
19) C255	Methyl Acetate	0.00	43	0	N.D.		
20) C050	1,1-Dichloroethane	3.68	63	5993	N.D.		
21) C125	Vinyl Acetate	0.00	43	0	N.D.		
22) C051	2,2-Dichloropropan	0.00	77	0	N.D.		
23) C056	cis-1,2-Dichloroethe	4.14	96	6755	4.59	ng #	84
24) C272	Tetrahydrofuran	4.38	42	695	N.D.		
25) C222	Bromochloromethane	0.00	128	0	N.D.		
26) C060	Chloroform	0.00	83	0	N.D.		
27) C115	1,1,1-Trichloroeth	4.53	97	689	N.D.		
28) C120	Carbon tetrachlori	0.00	117	0	N.D.		
29) C116	1,1-Dichloropropen	0.00	75	0	N.D.		
32) C165	Benzene	4.80	78	53605	8.93	ng	99
33) C065	1,2-Dichloroethane	0.00	62	0	N.D.		
34) C110	2-Butanone	0.00	43	0	N.D.		
35) C256	Cyclohexane	4.58	56	2818	N.D.		
36) C150	Trichloroethene	5.29	95	13224	9.56	ng	91
37) C140	1,2-Dichloropropan	0.00	63	0	N.D.		
38) C278	Dibromomethane	0.00	93	0	N.D.		

MT 1/13/2006

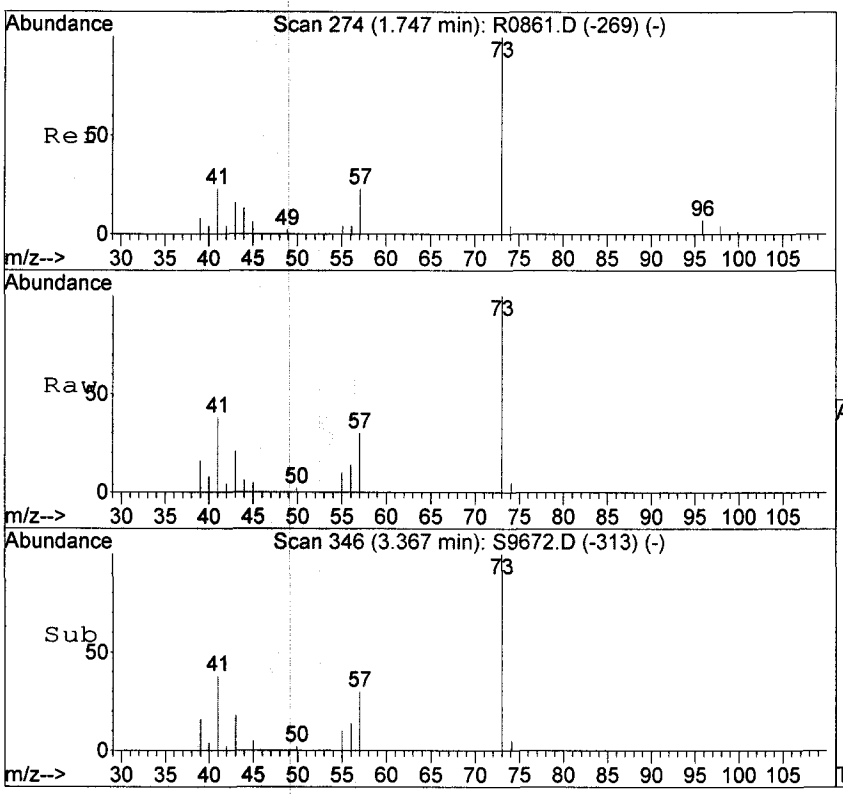
Data File : D:\DATA\122705\S9672.D Vial: 22
Acq On : 27 Dec 2005 18:24 Operator: LH
Sample : A5E58704 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 27 20:50:36 2005 Results File: A5I0002442_E2.RES

Quant Method : C:\MSDCHEM\1...\A5I0002442_E2.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Tue Dec 27 11:08:38 2005
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\DATA\122705\S9652.D (27 Dec 2005 10:13)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
39) C130	Bromodichlorometha	0.00	83	0	N.D.		
40) C161	2-Chloroethylvinyl	5.88	63	399	N.D.		
41) C012	Methylcycolhexane	5.44	83	2018	N.D.		
42) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.		
45) C230	Toluene	6.24	92	155	N.D.		
46) C170	trans-1,3-Dichloro	0.00	75	0	N.D.		
47) C284	Ethyl Methacrylate	6.45	69	131	N.D.		
48) C160	1,1,2-Trichloroeth	0.00	83	0	N.D.		
49) C210	4-Methyl-2-pentano	6.19	43	2351	N.D.		
50) C220	Tetrachloroethene	0.00	166	0	N.D.		
51) C221	1,3-Dichloropropan	0.00	76	0	N.D.		
52) C155	Dibromochlorometha	0.00	129	0	N.D.		
53) C163	1,2-Dibromoethane	0.00	107	0	N.D.		
54) C215	2-Hexanone	0.00	43	0	N.D.		
55) C235	Chlorobenzene	7.32	112	3461	N.D.		
56) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.		
57) C240	Ethylbenzene	7.41	91	298	N.D.		
58) C246	m,p-Xylene	7.50	106	3905	N.D.		
59) C247	o-Xylene	0.00	106	0	N.D.		
60) C245	Styrene	0.00	104	0	N.D.		
63) C180	Bromoform	0.00	173	0	N.D.		
64) C966	Isopropylbenzene	8.11	105	4863	N.D.		
65) C301	Bromobenzene	0.00	156	0	N.D.		
66) C225	1,1,2,2-Tetrachlor	8.38	83	550	N.D.		
67) C282	1,2,3-Trichloropro	0.00	110	0	N.D.		
68) C283	t-1,4-Dichloro-2-B	8.38	53	157	N.D.		
69) C302	n-Propylbenzene	8.43	91	6118	N.D.		
70) C303	2-Chlorotoluene	0.00	126	0	N.D.		
71) C289	4-Chlorotoluene	0.00	126	0	N.D.		
72) C304	1,3,5-Trimethylben	8.53	105	3257	N.D.		
73) C306	tert-Butylbenzene	9.02	134	990	N.D.		
74) C307	1,2,4-Trimethylben	8.88	105	8774	N.D.		
75) C308	sec-Butylbenzene	9.02	105	3381	N.D.		
76) C260	1,3-Dichlorobenzen	0.00	146	0	N.D.		
77) C309	4-Isopropyltoluene	9.15	119	556	N.D.		
78) C267	1,4-Dichlorobenzen	0.00	146	0	N.D.		
79) C249	1,2-Dichlorobenzen	0.00	146	0	N.D.		
80) C310	n-Butylbenzene	9.48	91	1803	N.D.		
81) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.		
82) C313	1,2,4-Trichloroben	0.00	180	0	N.D.		
83) C316	Hexachlorobutadien	0.00	225	0	N.D.		
84) C314	Naphthalene	11.02	128	9305	2.63	ng	100
85) C934	1,2,3-Trichloroben	0.00	180	0	N.D.		

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

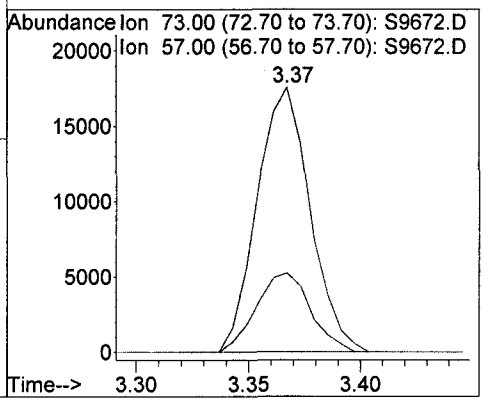
1/13/2006

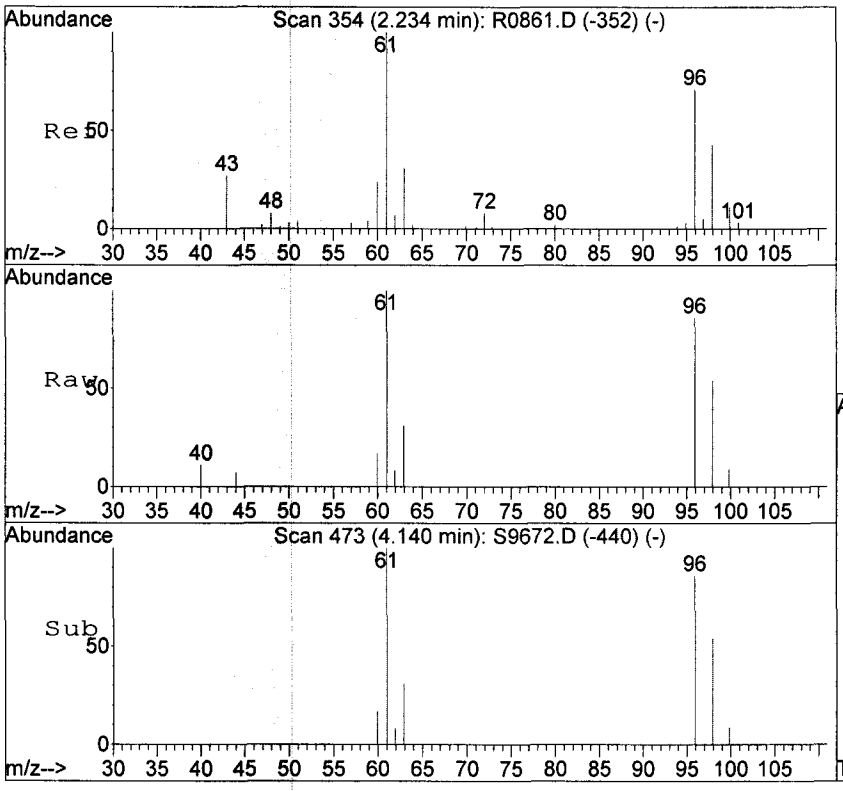


#17
C962 T-butyl Methyl Ether
Concen: 9.09 ng
RT: 3.37 min Scan# 346
Delta R.T. 0.00 min
Lab File: S9672.D
Acq: 27 Dec 2005 18:24

Tgt Ion: 73 Resp: 29000

Ion	Ratio	Lower	Upper
73	100		
57	30.6	17.0	25.6#

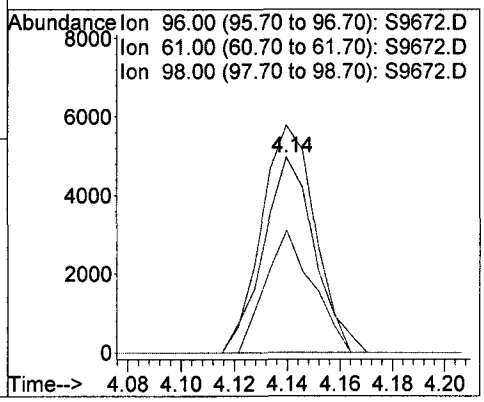


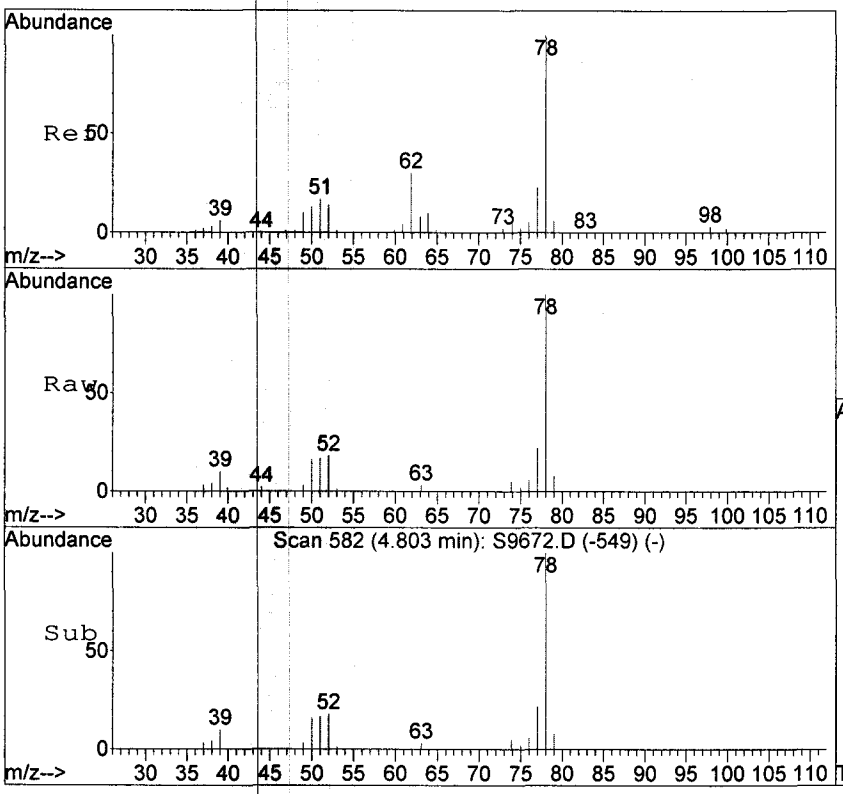


#23
C056 cis-1,2-Dichloroethene
Concen: 4.59 ng
RT: 4.14 min Scan# 473
Delta R.T. 0.00 min
Lab File: S9672.D
Acq: 27 Dec 2005 18:24

Tgt Ion: 96 Resp: 6755

Ion	Ratio	Lower	Upper
96	100		
61	116.2	124.0	164.0#
98	62.6	44.3	84.3

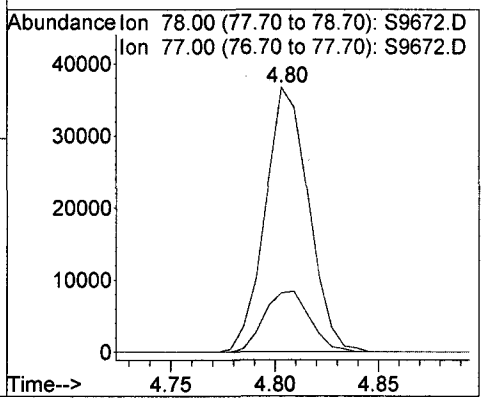


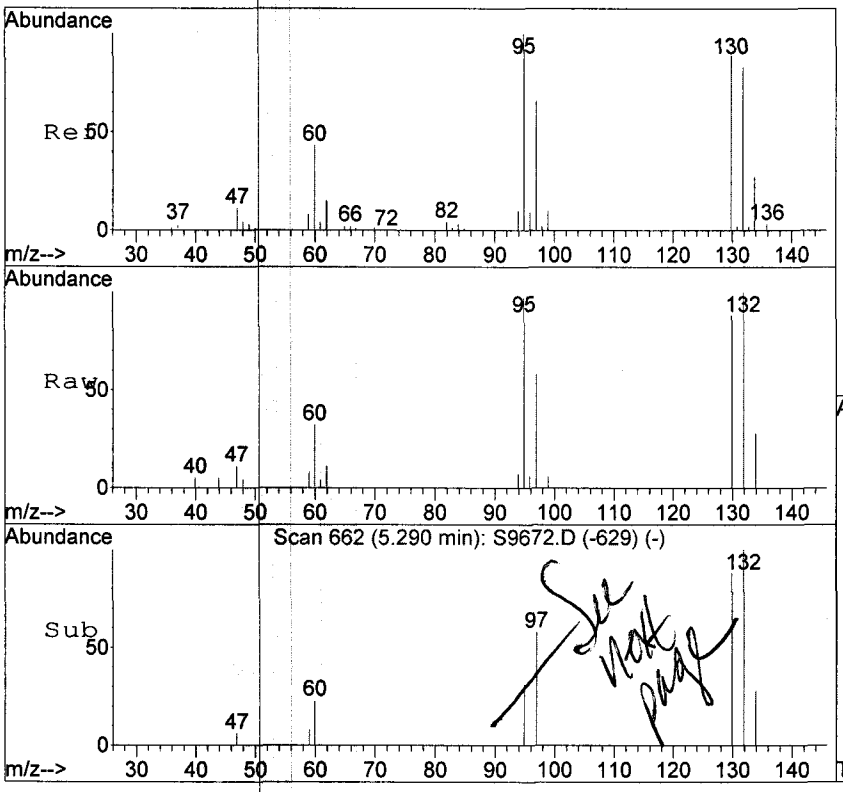


#32
C165 Benzene
Concen: 8.93 ng
RT: 4.80 min Scan# 582
Delta R.T. 0.00 min
Lab File: S9672.D
Acq: 27 Dec 2005 18:24

Tgt Ion: 78 Resp: 53605

Ion	Ratio	Lower	Upper
78	100		
77	22.3	3.0	43.0

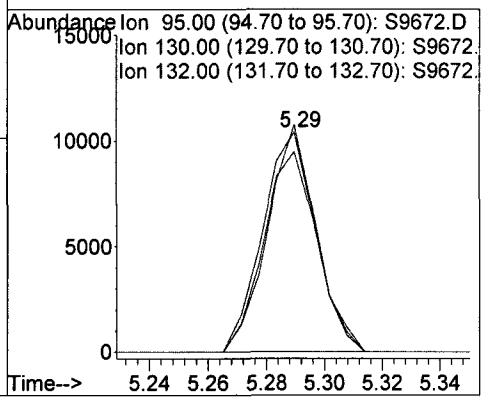




#36
C150 Trichloroethene
Concen: 9.56 ng
RT: 5.29 min Scan# 662
Delta R.T. 0.00 min
Lab File: S9672.D
Acq: 27 Dec 2005 18:24

Tgt Ion: 95 Resp: 13224

Ion	Ratio	Lower	Upper
95	100		
130	91.0	84.6	124.6
132	103.2	79.5	119.5

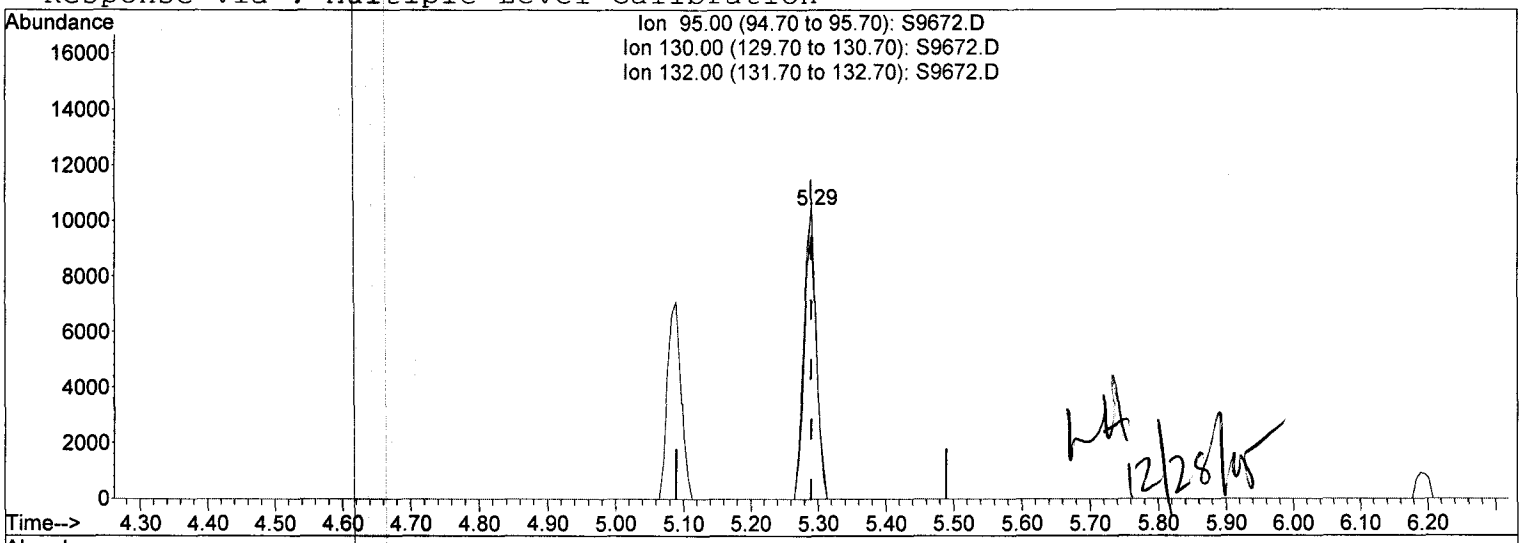


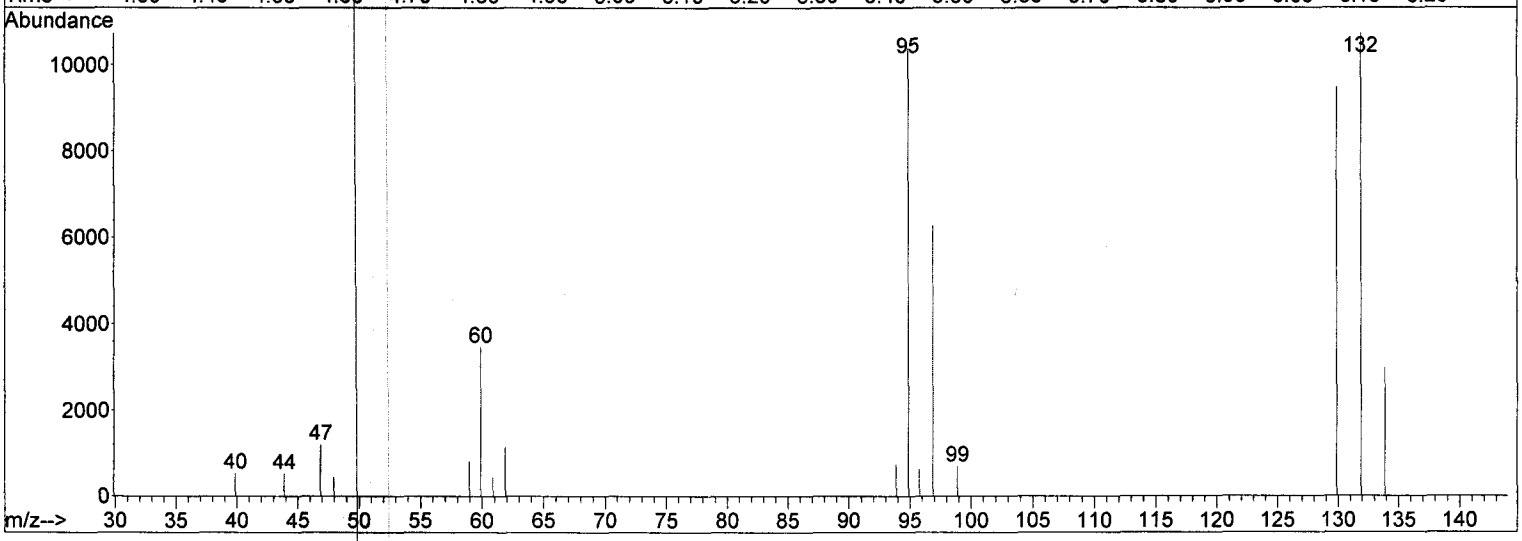
Quantitation Report (Qedit)

Data File : D:\DATA\122705\S9672.D
Acq On : 27 Dec 2005 18:24
Sample : A5E58704
Misc :
MS Integration Params: RTEINT.P
Quant Time: Dec 27 20:50:36 2005

Vial: 22
Operator: LH
Inst : HP5973S
Multiplr: 1.00

Method : C:\MSDCHEM\1\MET...\A5I0002442_E2.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Dec 28 09:45:03 2005
Response via : Multiple Level Calibration





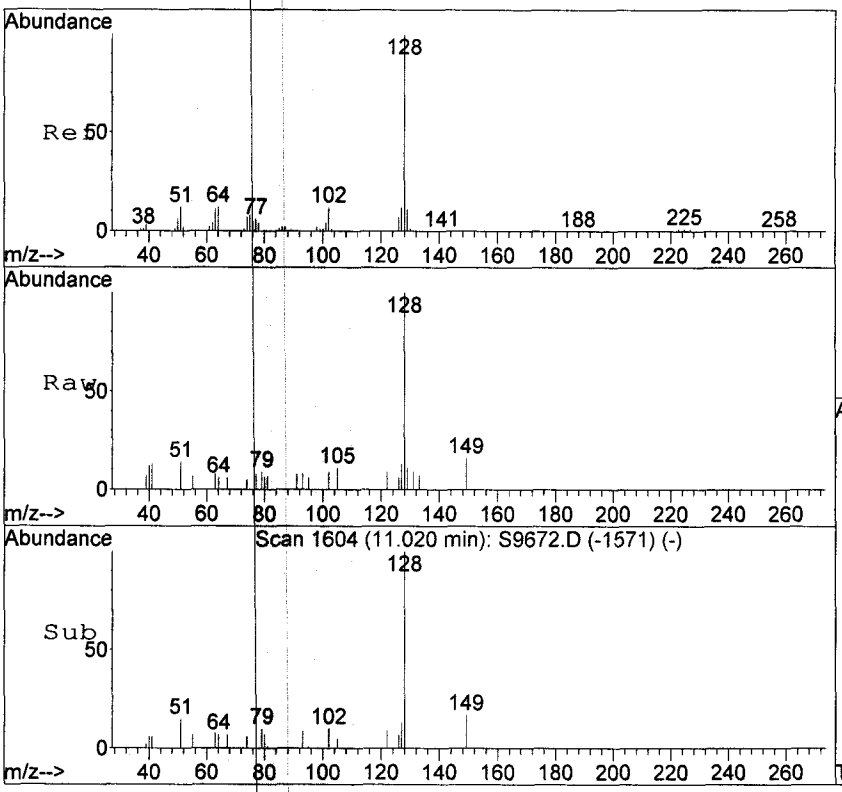
TIC: S9672.D

(36) C150 Trichloroethene (T)

5.29min (+0.000) 9.56ng

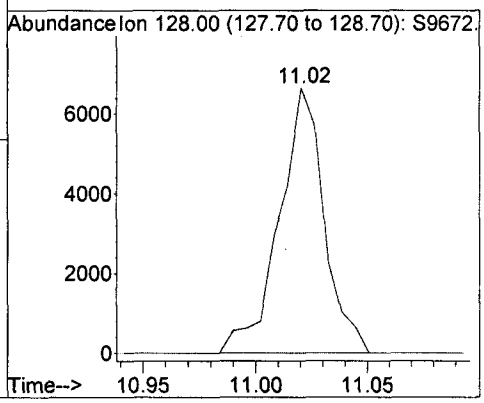
response 13224

Ion	Exp%	Act%
95.00	100	100
130.00	104.60	90.99
132.00	99.50	103.21
0.00	0.00	0.00



#84
C314 Naphthalene
Concen: 2.63 ng
RT: 11.02 min Scan# 1604
Delta R.T. 0.00 min
Lab File: S9672.D
Acq: 27 Dec 2005 18:24

Tgt Ion:128 Resp: 9305



METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.

P-3

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A5E58708

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G7640.RR

Level: (low/med) LOW Date Samp/Recv: 12/20/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/28/2005

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	5.0	U
71-43-2	Benzene	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon Disulfide	1.0	U
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	1.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	1.0	U
110-82-7	Cyclohexane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-59-2	cis-1,2-Dichloroethene	13	
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
98-82-8	Isopropylbenzene	1.0	U
79-20-9	Methyl acetate	1.0	U
108-87-2	Methylcyclohexane	1.0	U
75-09-2	Methylene chloride	1.0	U

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.: P-3

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A5E58708

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G7640.RR

Level: (low/med) LOW Date Samp/Recv: 12/20/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/28/2005

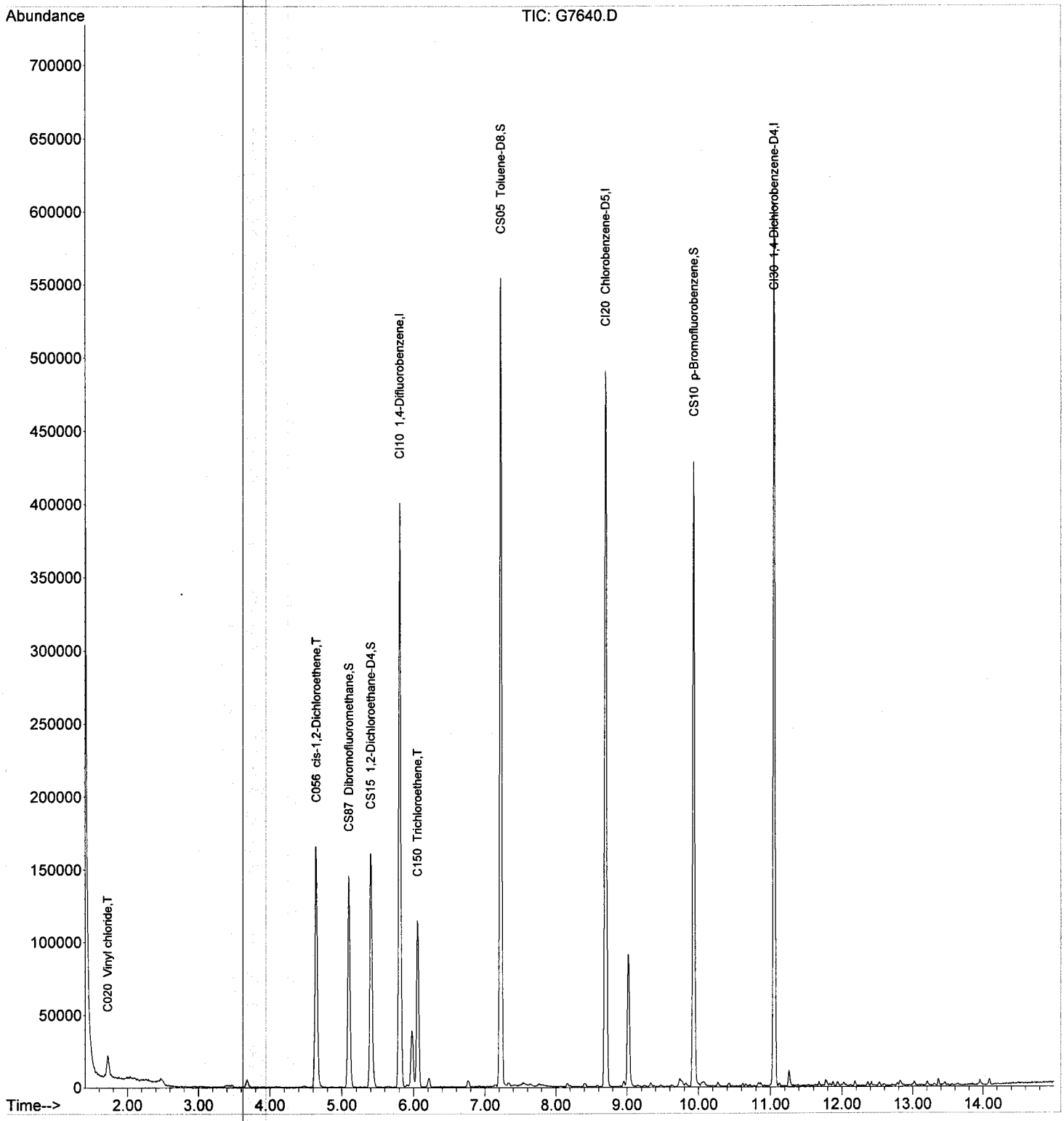
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	5.0	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	1.0	U
91-20-3	Naphthalene	1.0	U
100-42-5	Styrene	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
79-01-6	Trichloroethene	6.8	
75-01-4	Vinyl chloride	3.2	
1330-20-7	Total Xylenes	3.0	U

Data File: C:\MSDCHEM\1\DATA\122705\G7640.D
Acq On : 28 Dec 2005 6:20
Sample : A5E58708
Misc :
Integrator: RTE
Quant Time: Dec 28 08:03:36 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 27 21:28:27 2005
Response via : Initial Calibration
Data Path : C:\MSDCHEM\1\DATA\122705\
Operator : TLC



Data File: C:\MSDCHEM\1\DATA\122705\G7640.D
Acq On : 28 Dec 2005 6:20
Sample : A5E58708
Misc :
Integrator: RTE
Quant Time: Dec 28 08:03:36 2005

STE 12/28/05

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 27 21:28:27 2005
Response via : Initial Calibration
Data Path : C:\MSDCHEM\1\DATA\122705\
Operator : TLC

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.80	114	348575	125.00	ng	0.00 99.72%
43) CI20	Chlorobenzene-D5	8.70	82	171732	125.00	ng	0.00 96.71%
63) CI30	1,4-Dichlorobenzene-	11.05	152	164785	125.00	ng	0.00 96.49%
System Monitoring Compounds							
26) CS87	Dibromofluoromethane	5.10	111	96549	110.65	NG	0.00
Spiked Amount	125.000	Range	70 - 130	Recovery	=	88.52%	
31) CS15	1,2-Dichloroethane-D	5.40	65	127862	113.94	ng	0.00
Spiked Amount	125.000	Range	73 - 136	Recovery	=	91.15%	
44) CS05	Toluene-D8	7.22	98	411230	118.75	ng	0.00
Spiked Amount	125.000	Range	77 - 122	Recovery	=	95.00%	
62) CS10	p-Bromofluorobenzene	9.94	174	124380	116.90	ng	0.00
Spiked Amount	125.000	Range	74 - 120	Recovery	=	93.52%	
Target Compounds							Qvalue
2) C290	Dichlorodifluorome	0.00	85	0	N.D.		
3) C010	Chloromethane	0.00	50	0	N.D.		
4) C020	Vinyl chloride	1.72	62	23365	16.28	ng	96
5) C015	Bromomethane	0.00	94	0	N.D.		
6) C025	Chloroethane	0.00	64	0	N.D.		
7) C275	Trichlorofluoromet	0.00	101	0	N.D.		
8) C045	1,1-Dichloroethene	2.93	96	275	N.D.		
9) C030	Methylene chloride	3.44	84	61	N.D.		
10) C040	Carbon disulfide	3.14	76	375	N.D.		
11) C036	Acrolein	0.00	56	0	N.D.		
12) C038	Acrylonitrile	0.00	53	0	N.D.		
13) C035	Acetone	3.02	43	1370	N.D.		
14) C300	Acetonitrile	3.32	41	126	N.D.		
15) C276	Iodomethane	3.07	142	147	N.D.		
16) C291	1,1,2-Trichloro-1,	0.00	101	0	N.D.		
17) C962	T-butyl Methyl Eth	3.70	73	1924	N.D.		
18) C057	trans-1,2-Dichloro	3.68	96	1914	N.D.		
19) C255	Methyl Acetate	3.35	43	57	N.D.		
20) C050	1,1-Dichloroethane	4.09	63	916	N.D.		
21) C125	Vinyl Acetate	0.00	43	0	N.D.		
22) C051	2,2-Dichloropropan	0.00	77	0	N.D.		
23) C056	cis-1,2-Dichloroethe	4.64	96	82951	64.86	ng	97
24) C272	Tetrahydrofuran	0.00	42	0	N.D.		
25) C222	Bromochloromethane	0.00	128	0	N.D.		
27) C060	Chloroform	0.00	83	0	N.D.		
28) C115	1,1,1-Trichloroeth	5.10	97	714	N.D.		
29) C120	Carbon tetrachlori	0.00	117	0	N.D.		
30) C116	1,1-Dichloropropen	0.00	75	0	N.D.		
32) C165	Benzene	5.44	78	6212	N.D.		
33) C065	1,2-Dichloroethane	0.00	62	0	N.D.		
34) C110	2-Butanone	4.68	43	288	N.D.		
35) C256	Cyclohexane	5.14	56	337	N.D.		
36) C150	Trichloroethene	6.05	95	42003	34.07	ng	90

1/17/06

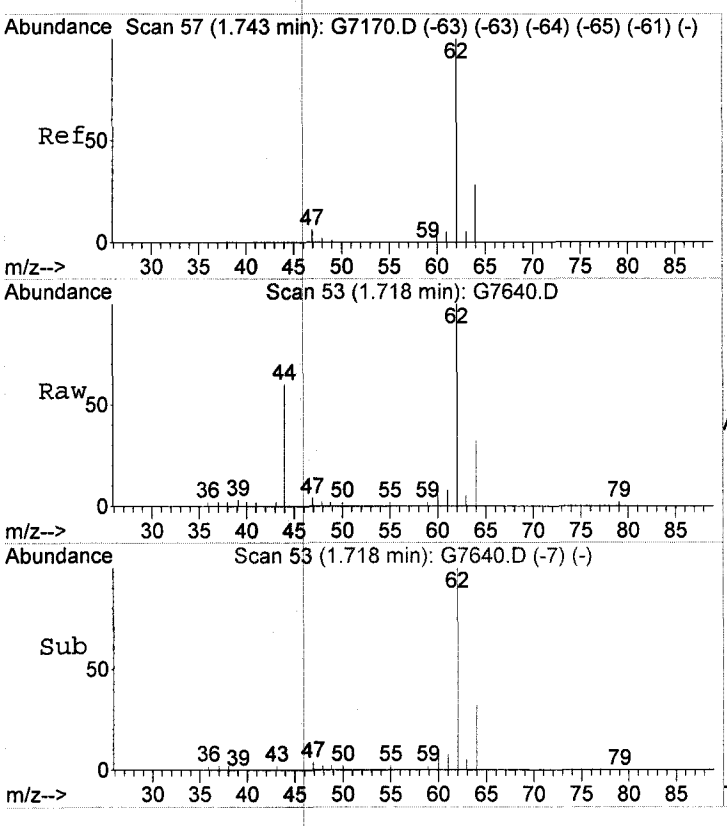
Data File: C:\MSDCHEM\1\DATA\122705\G7640.D
Acq On : 28 Dec 2005 6:20
Sample : A5E58708
Misc :
Integrator: RTE
Quant Time: Dec 28 08:03:36 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 27 21:28:27 2005
Response via : Initial Calibration
Data Path : C:\MSDCHEM\1\DATA\122705\
Operator : TLC

Internal Standards		R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
37) C140	1,2-Dichloropropan	0.00	63	0	N.D.	
38) C278	Dibromomethane	0.00	93	0	N.D.	
39) C130	Bromodichlorometha	6.53	83	60	N.D.	
40) C161	2-Chloroethylvinyl	0.00	63	0	N.D.	
41) C012	Methylcyclohexane	0.00	83	0	N.D.	
42) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.	
45) C230	Toluene	7.29	92	172	N.D.	
46) C170	trans-1,3-Dichloro	0.00	75	0	N.D.	
47) C284	Ethyl Methacrylate	0.00	69	0	N.D.	
48) C160	1,1,2-Trichloroeth	0.00	83	0	N.D.	
49) C210	4-Methyl-2-pentano	7.14	43	67	N.D.	
50) C220	Tetrachloroethene	0.00	166	0	N.D.	
51) C221	1,3-Dichloropropan	0.00	76	0	N.D.	
52) C155	Dibromochlorometha	0.00	129	0	N.D.	
53) C163	1,2-Dibromoethane	0.00	107	0	N.D.	
54) C215	2-Hexanone	7.76	43	683	N.D.	
55) C235	Chlorobenzene	0.00	112	0	N.D.	
56) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.	
57) C240	Ethylbenzene	8.71	91	632	N.D.	
58) C246	m,p-Xylene	0.00	106	0	N.D.	
59) C247	o-Xylene	0.00	106	0	N.D.	
60) C245	Styrene	0.00	104	0	N.D.	
61) C180	Bromoform	0.00	173	0	N.D.	
64) C966	Isopropylbenzene	9.92	105	60	N.D.	
65) C301	Bromobenzene	10.27	156	335	N.D.	
66) C225	1,1,2,2-Tetrachlor	9.98	83	55	N.D.	
67) C282	1,2,3-Trichloropro	0.00	110	0	N.D.	
68) C283	t-1,4-Dichloro-2-B	10.25	51	60	N.D.	
69) C302	n-Propylbenzene	9.93	91	421	N.D.	
70) C303	2-Chlorotoluene	0.00	126	0	N.D.	
71) C289	4-Chlorotoluene	0.00	126	0	N.D.	
72) C304	1,3,5-Trimethylben	0.00	105	0	N.D.	
73) C306	tert-Butylbenzene	10.87	134	272	N.D.	
74) C307	1,2,4-Trimethylben	10.70	105	125	N.D.	
75) C308	sec-Butylbenzene	10.87	105	1860	N.D.	
76) C260	1,3-Dichlorobenzen	0.00	146	0	N.D.	
77) C309	4-Isopropyltoluene	11.00	119	677	N.D.	
78) C267	1,4-Dichlorobenzen	0.00	146	0	N.D.	
79) C249	1,2-Dichlorobenzen	0.00	146	0	N.D.	
80) C310	n-Butylbenzene	0.00	91	0	N.D.	
81) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.	
82) C313	1,2,4-Trichloroben	0.00	180	0	N.D.	
83) C316	Hexachlorobutadien	0.00	225	0	N.D.	
84) C314	Naphthalene	13.03	128	1415	N.D.	
85) C934	1,2,3-Trichloroben	0.00	180	0	N.D.	

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

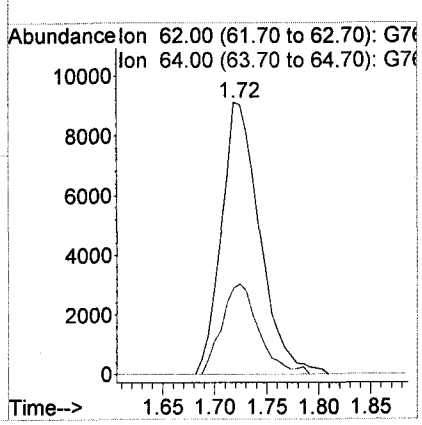
1/13/2006

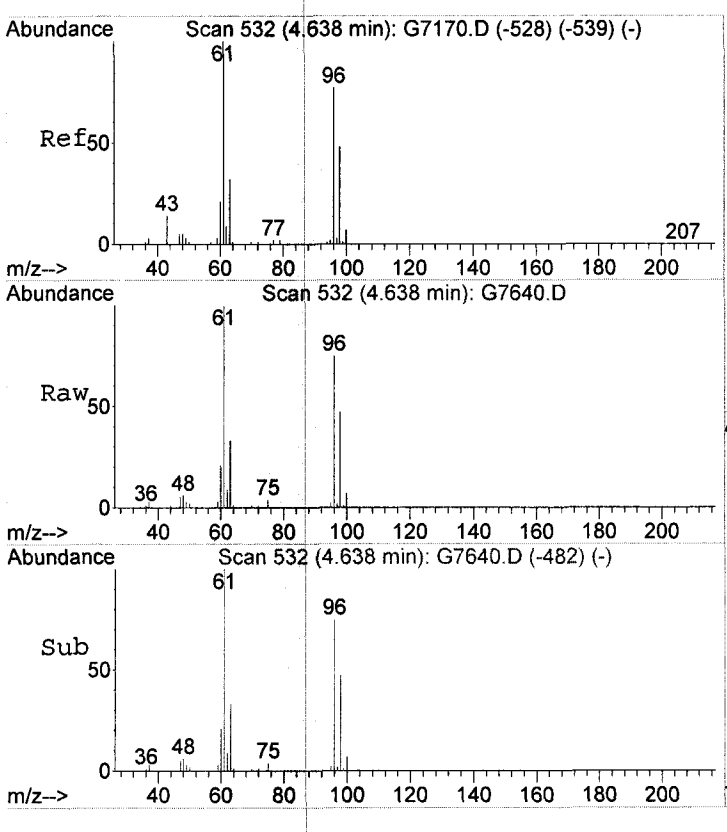


#4
C020 Vinyl chloride
Concen: 16.28 ng
RT: 1.72 min Scan# 53
Delta R.T. -0.02 min
Lab File: G7640.D
Acq: 28 Dec 2005 6:20

Tgt Ion: 62 Resp: 23365

Ion	Ratio	Lower	Upper
62	100		
64	31.9	0.0	59.9

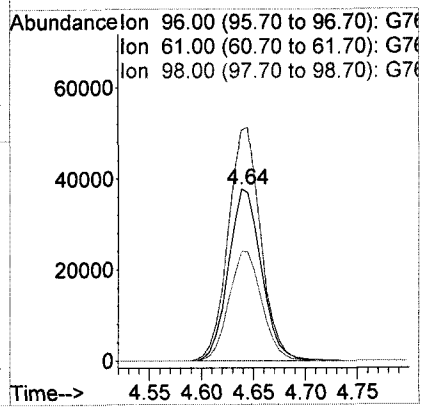


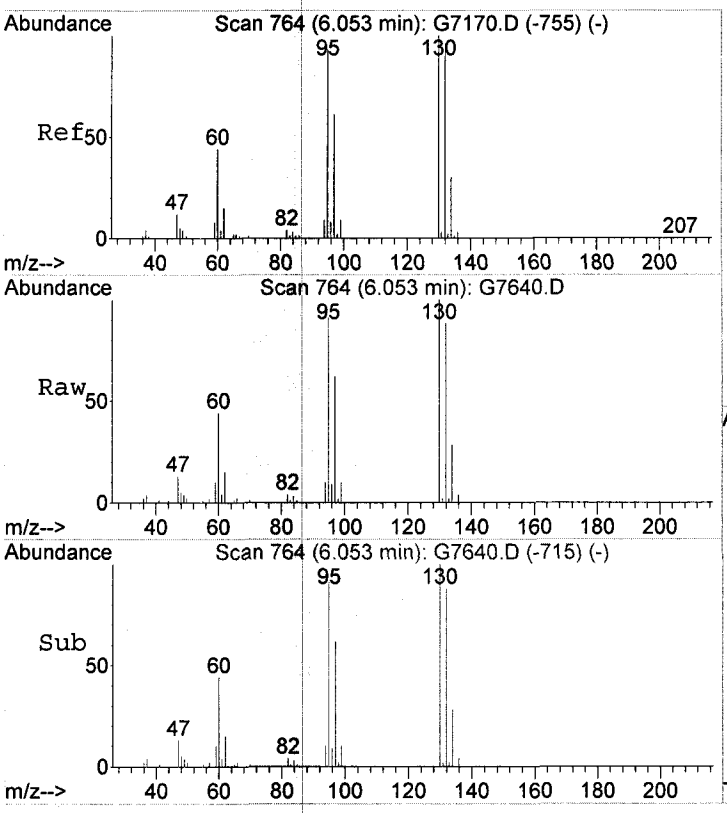


#23
C056 cis-1,2-Dichloroethene
Concen: 64.86 ng
RT: 4.64 min Scan# 532
Delta R.T. 0.01 min
Lab File: G7640.D
Acq: 28 Dec 2005 6:20

Tgt Ion: 96 Resp: 82951

Ion	Ratio	Lower	Upper
96	100		
61	134.2	107.7	167.7
98	63.6	36.9	96.9

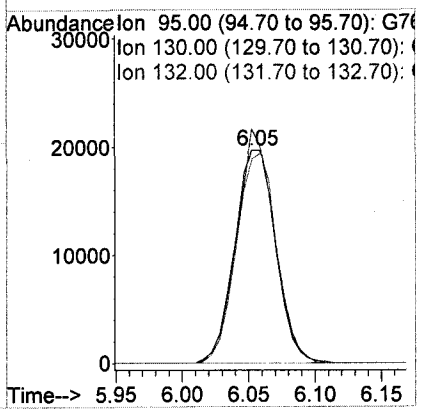




#36
C150 Trichloroethene
Concen: 34.07 ng
RT: 6.05 min Scan# 764
Delta R.T. -0.00 min
Lab File: G7640.D
Acq: 28 Dec 2005 6:20

Tgt Ion: 95 Resp: 42003

Ion	Ratio	Lower	Upper
95	100		
130	109.9	63.6	123.6
132	96.2	62.6	122.6



METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.

P-8

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A5E58706

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: S9674.RR

Level: (low/med) LOW Date Samp/Recv: 12/20/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/27/2005

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 25.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	120	U
71-43-2	Benzene	25	U
75-27-4	Bromodichloromethane	25	U
75-25-2	Bromoform	25	U
74-83-9	Bromomethane	25	U
78-93-3	2-Butanone	120	U
75-15-0	Carbon Disulfide	25	U
56-23-5	Carbon Tetrachloride	25	U
108-90-7	Chlorobenzene	25	U
75-00-3	Chloroethane	25	U
67-66-3	Chloroform	25	U
74-87-3	Chloromethane	25	U
110-82-7	Cyclohexane	25	U
106-93-4	1,2-Dibromoethane	25	U
124-48-1	Dibromochloromethane	25	U
96-12-8	1,2-Dibromo-3-chloropropane	25	U
95-50-1	1,2-Dichlorobenzene	25	U
541-73-1	1,3-Dichlorobenzene	25	U
106-46-7	1,4-Dichlorobenzene	25	U
75-71-8	Dichlorodifluoromethane	25	U
75-34-3	1,1-Dichloroethane	25	U
107-06-2	1,2-Dichloroethane	25	U
75-35-4	1,1-Dichloroethene	25	U
156-59-2	cis-1,2-Dichloroethene	1400	
156-60-5	trans-1,2-Dichloroethene	25	U
78-87-5	1,2-Dichloropropane	25	U
10061-01-5	cis-1,3-Dichloropropene	25	U
10061-02-6	trans-1,3-Dichloropropene	25	U
100-41-4	Ethylbenzene	25	U
591-78-6	2-Hexanone	120	U
98-82-8	Isopropylbenzene	25	U
79-20-9	Methyl acetate	25	U
108-87-2	Methylcyclohexane	25	U
75-09-2	Methylene chloride	25	U

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.

P-8

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A5E58706

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: S9674.RR

Level: (low/med) LOW Date Samp/Recv: 12/20/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/27/2005

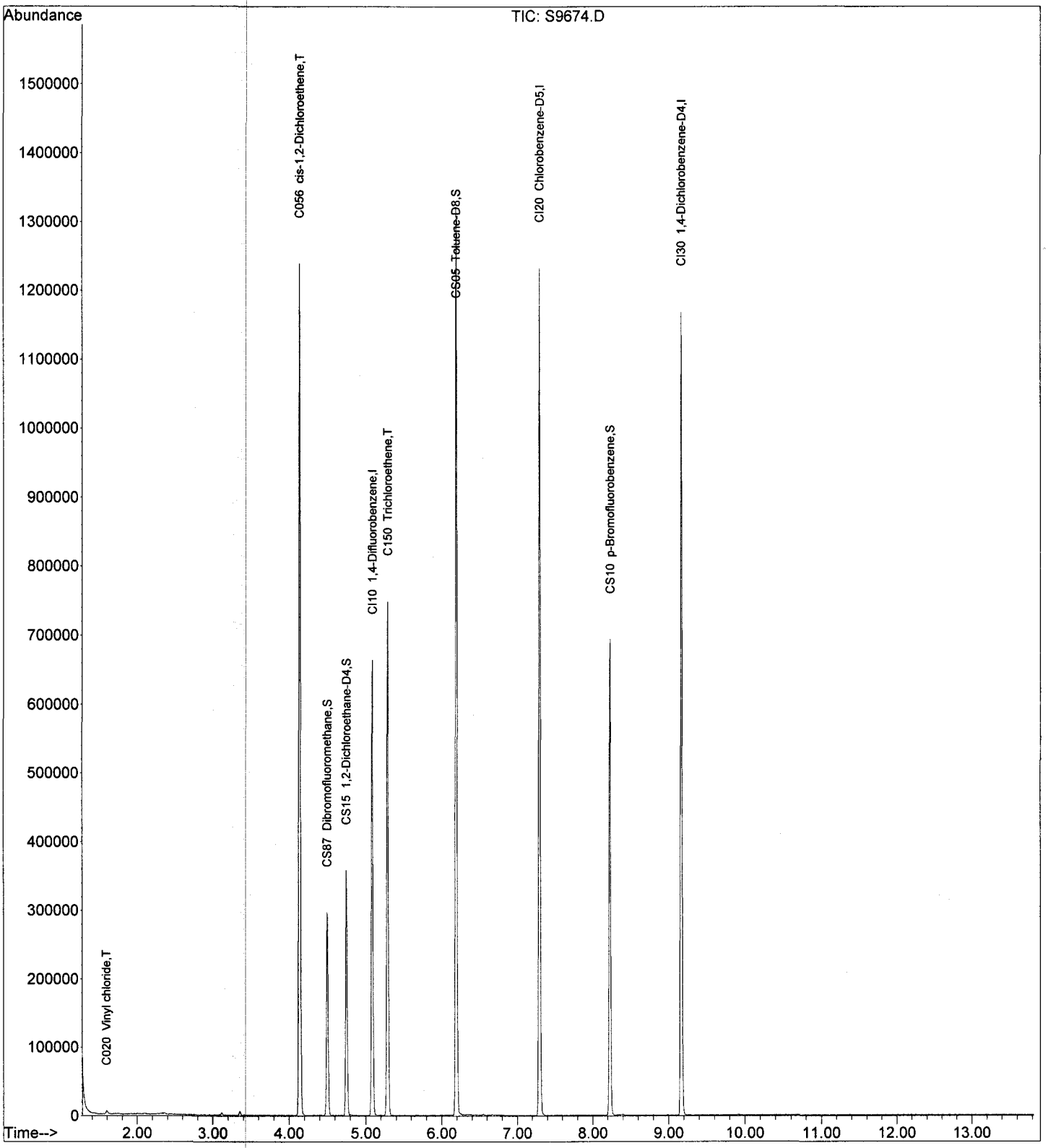
GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 25.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	120	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	25	U
91-20-3	Naphthalene	25	U
100-42-5	Styrene	25	U
79-34-5	1,1,2,2-Tetrachloroethane	25	U
127-18-4	Tetrachloroethene	25	U
108-88-3	Toluene	25	U
120-82-1	1,2,4-Trichlorobenzene	25	U
71-55-6	1,1,1-Trichloroethane	25	U
79-00-5	1,1,2-Trichloroethane	25	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	25	U
75-69-4	Trichlorofluoromethane	25	U
79-01-6	Trichloroethene	680	
75-01-4	Vinyl chloride	16	J
1330-20-7	Total Xylenes	75	U

Data File : D:\DATA\122705\S9674.D Vial: 24
Acq On : 27 Dec 2005 19:12 Operator: LH
Sample : A5E58706 DF25 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Dec 27 20:50:45 2005 Results File: A5I0002442_E2.RES
Quant Method : C:\MSDCHEM\1...\A5I0002442_E2.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Tue Dec 27 11:08:38 2005
Response via : Initial Calibration
DataAcq Meth : VOA



Data File : D:\DATA\122705\S9674.D Vial: 24
Acq On : 27 Dec 2005 19:12 Operator: LH
Sample : A5E58706 DF25 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 27 20:50:45 2005 Results File: A5I0002442_E2.RES

Quant Method : C:\MSDCHEM\1...\A5I0002442_E2.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Tue Dec 27 11:08:38 2005
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\DATA\122705\S9652.D (27 Dec 2005 10:13)

STE 12/28/05 LA

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10 1,4-Difluorobenzene	5.09	114	410100	125.00	ng	0.00 92.99%
43) CI20 Chlorobenzene-D5	7.30	117	559665	125.00	ng	0.00 93.20%
62) CI30 1,4-Dichlorobenzene-	9.16	152	255277	125.00	ng	0.00 85.82%
System Monitoring Compounds						
30) CS87 Dibromofluoromethane	4.50	111	150948	130.41	ng	0.00
Spiked Amount 125.000	Range 70 - 130		Recovery = 104.33%			
31) CS15 1,2-Dichloroethane-D	4.75	65	160615	127.14	ng	0.00
Spiked Amount 125.000	Range 73 - 136		Recovery = 101.71%			
44) CS05 Toluene-D8	6.19	98	685534	123.65	ng	0.00
Spiked Amount 125.000	Range 77 - 122		Recovery = 98.92%			
61) CS10 p-Bromofluorobenzene	8.23	174	136143	108.14	ng	0.00
Spiked Amount 125.000	Range 74 - 120		Recovery = 86.51%			
Target Compounds						Qvalue
2) C290 Dichlorodifluorome	0.00	85	0	N.D.		
3) C010 Chloromethane	0.00	50	0	N.D.		
4) C020 Vinyl chloride	1.59	62	4518	3.29	ng	96
5) C015 Bromomethane	0.00	94	0	N.D.		
6) C025 Chloroethane	0.00	64	0	N.D.		
7) C275 Trichlorofluoromet	0.00	101	0	N.D.		
8) C045 1,1-Dichloroethene	0.00	96	0	N.D.		
9) C030 Methylene chloride	3.12	84	1245	N.D.		
10) C040 Carbon disulfide	2.88	76	470	N.D.		
11) C036 Acrolein	0.00	56	0	N.D.		
12) C038 Acrylonitrile	0.00	53	0	N.D.		
13) C035 Acetone	2.76	43	147	N.D.		
14) C300 Acetonitrile	0.00	41	0	N.D.		
15) C276 Iodomethane	0.00	142	0	N.D.		
16) C291 1,1,2 Trichloro-1,	0.00	101	0	N.D.		
17) C962 T-butyl Methyl Eth	0.00	73	0	N.D.		
18) C057 trans-1,2-Dichloro	3.35	96	1761	N.D.		
19) C255 Methyl Acetate	0.00	43	0	N.D.		
20) C050 1,1-Dichloroethane	0.00	63	0	N.D.		
21) C125 Vinyl Acetate	0.00	43	0	N.D.		
22) C051 2,2-Dichloropropan	0.00	77	0	N.D.		
23) C056 cis-1,2-Dichloroethe	4.14	96	418811	271.35	ng	89
24) C272 Tetrahydrofuran	0.00	42	0	N.D.		
25) C222 Bromochloromethane	0.00	128	0	N.D.		
26) C060 Chloroform	0.00	83	0	N.D.		
27) C115 1,1,1-Trichloroeth	0.00	97	0	N.D.		
28) C120 Carbon tetrachlori	0.00	117	0	N.D.		
29) C116 1,1-Dichloropropen	0.00	75	0	N.D.		
32) C165 Benzene	4.81	78	979	N.D.		
33) C065 1,2-Dichloroethane	0.00	62	0	N.D.		
34) C110 2-Butanone	0.00	43	0	N.D.		
35) C256 Cyclohexane	0.00	56	0	N.D.		
36) C150 Trichloroethene	5.29	95	198563	136.82	ng	98
37) C140 1,2-Dichloropropan	0.00	63	0	N.D.		
38) C278 Dibromomethane	0.00	93	0	N.D.		

11/13/2006

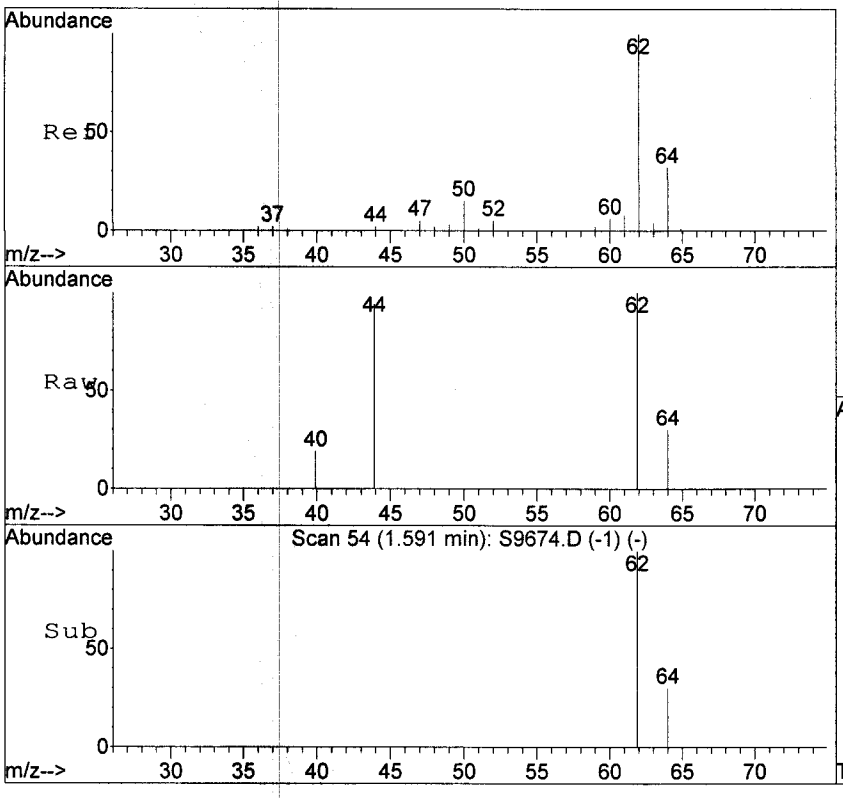
Data File : D:\DATA\122705\S9674.D Vial: 24
Acq On : 27 Dec 2005 19:12 Operator: LH
Sample : A5E58706 DF25 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 27 20:50:45 2005 Results File: A5I0002442_E2.RES

Quant Method : C:\MSDCHEM\1...\A5I0002442_E2.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Tue Dec 27 11:08:38 2005
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\DATA\122705\S9652.D (27 Dec 2005 10:13)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
39) C130	Bromodichlorometha	0.00	83	0	N.D.		
40) C161	2-Chloroethylvinyl	0.00	63	0	N.D.		
41) C012	Methylcycolhexane	0.00	83	0	N.D.		
42) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.		
45) C230	Toluene	6.24	92	170	N.D.		
46) C170	trans-1,3-Dichloro	0.00	75	0	N.D.		
47) C284	Ethyl Methacrylate	0.00	69	0	N.D.		
48) C160	1,1,2-Trichloroeth	0.00	83	0	N.D.		
49) C210	4-Methyl-2-pentano	6.19	43	2523	N.D.		
50) C220	Tetrachloroethene	0.00	166	0	N.D.		
51) C221	1,3-Dichloropropan	0.00	76	0	N.D.		
52) C155	Dibromochlorometha	6.67	129	148	N.D.		
53) C163	1,2-Dibromoethane	0.00	107	0	N.D.		
54) C215	2-Hexanone	0.00	43	0	N.D.		
55) C235	Chlorobenzene	7.32	112	1729	N.D.		
56) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.		
57) C240	Ethylbenzene	7.30	91	1120	N.D.		
58) C246	m,p-Xylene	0.00	106	0	N.D.		
59) C247	o-Xylene	0.00	106	0	N.D.		
60) C245	Styrene	0.00	104	0	N.D.		
63) C180	Bromoform	0.00	173	0	N.D.		
64) C966	Isopropylbenzene	0.00	105	0	N.D.		
65) C301	Bromobenzene	0.00	156	0	N.D.		
66) C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.		
67) C282	1,2,3-Trichloropro	0.00	110	0	N.D.		
68) C283	t-1,4-Dichloro-2-B	0.00	53	0	N.D.		
69) C302	n-Propylbenzene	0.00	91	0	N.D.		
70) C303	2-Chlorotoluene	0.00	126	0	N.D.		
71) C289	4-Chlorotoluene	0.00	126	0	N.D.		
72) C304	1,3,5-Trimethylben	0.00	105	0	N.D.		
73) C306	tert-Butylbenzene	0.00	134	0	N.D.		
74) C307	1,2,4-Trimethylben	0.00	105	0	N.D.		
75) C308	sec-Butylbenzene	0.00	105	0	N.D.		
76) C260	1,3-Dichlorobenzen	0.00	146	0	N.D.		
77) C309	4-Isopropyltoluene	0.00	119	0	N.D.		
78) C267	1,4-Dichlorobenzen	0.00	146	0	N.D.		
79) C249	1,2-Dichlorobenzen	0.00	146	0	N.D.		
80) C310	n-Butylbenzene	0.00	91	0	N.D.		
81) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.		
82) C313	1,2,4-Trichloroben	0.00	180	0	N.D.		
83) C316	Hexachlorobutadien	0.00	225	0	N.D.		
84) C314	Naphthalene	0.00	128	0	N.D.		
85) C934	1,2,3-Trichloroben	0.00	180	0	N.D.		

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

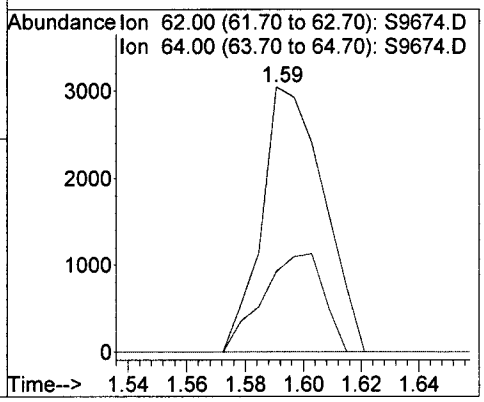
1/13/2006

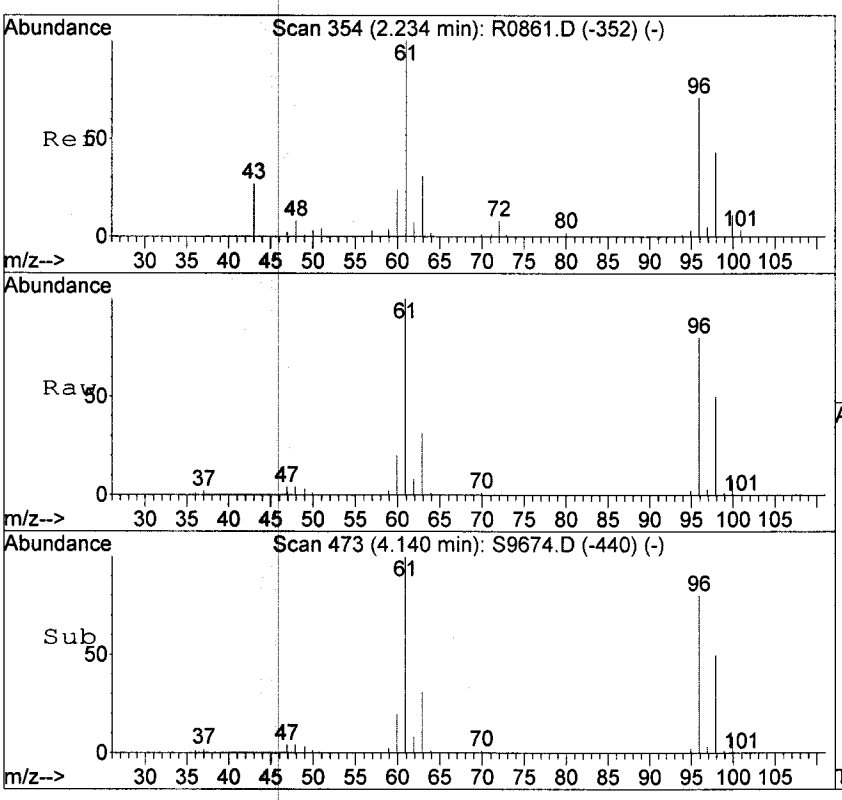


#4
C020 Vinyl chloride
Concen: 3.29 ng
RT: 1.59 min Scan# 54
Delta R.T. -0.01 min
Lab File: S9674.D
Acq: 27 Dec 2005 19:12

Tgt Ion: 62 Resp: 4518

Ion	Ratio	Lower	Upper
62	100		
64	30.3	12.8	52.8

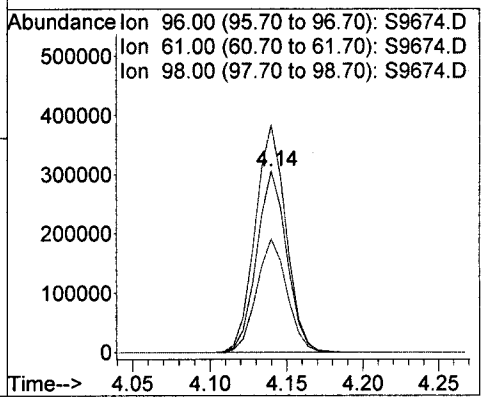


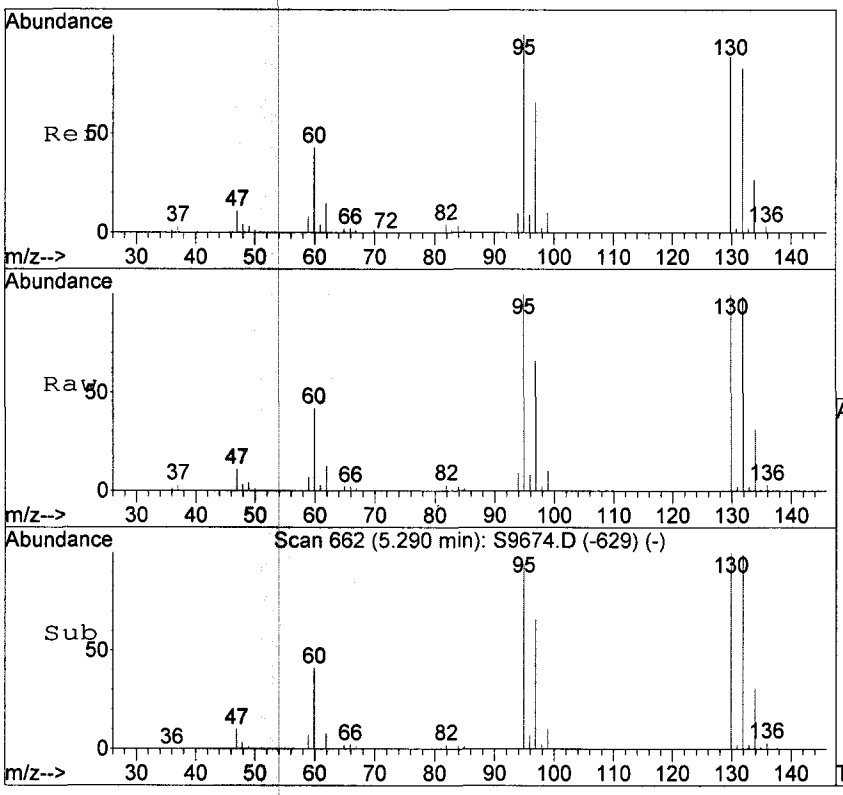


#23
C056 cis-1,2-Dichloroethene
Concen: 271.35 ng
RT: 4.14 min Scan# 473
Delta R.T. 0.00 min
Lab File: S9674.D
Acq: 27 Dec 2005 19:12

Tgt Ion: 96 Resp: 418811

Ion	Ratio	Lower	Upper
96	100		
61	125.1	124.0	164.0
98	62.4	44.3	84.3

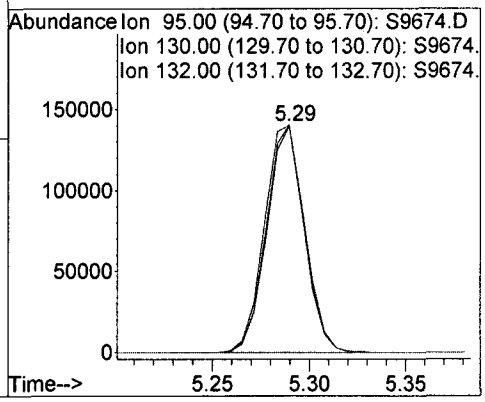




#36
C150 Trichloroethene
Concen: 136.82 ng
RT: 5.29 min Scan# 662
Delta R.T. 0.00 min
Lab File: S9674.D
Acq: 27 Dec 2005 19:12

Tgt Ion: 95 Resp: 198563

Ion	Ratio	Lower	Upper
95	100		
130	100.2	84.6	124.6
132	99.7	79.5	119.5



METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.

TB-121505-01

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A5E58703

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: S9671.RR

Level: (low/med) LOW Date Samp/Recv: 12/20/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/27/2005

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	5.0	U
71-43-2	Benzene	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon Disulfide	1.0	U
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	1.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	1.0	U
110-82-7	Cyclohexane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-59-2	cis-1,2-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
98-82-8	Isopropylbenzene	1.0	U
79-20-9	Methyl acetate	1.0	U
108-87-2	Methylcyclohexane	1.0	U
75-09-2	Methylene chloride	1.0	U

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.

TB-121505-01

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A5E58703

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: S9671.RR

Level: (low/med) LOW Date Samp/Recv: 12/20/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/27/2005

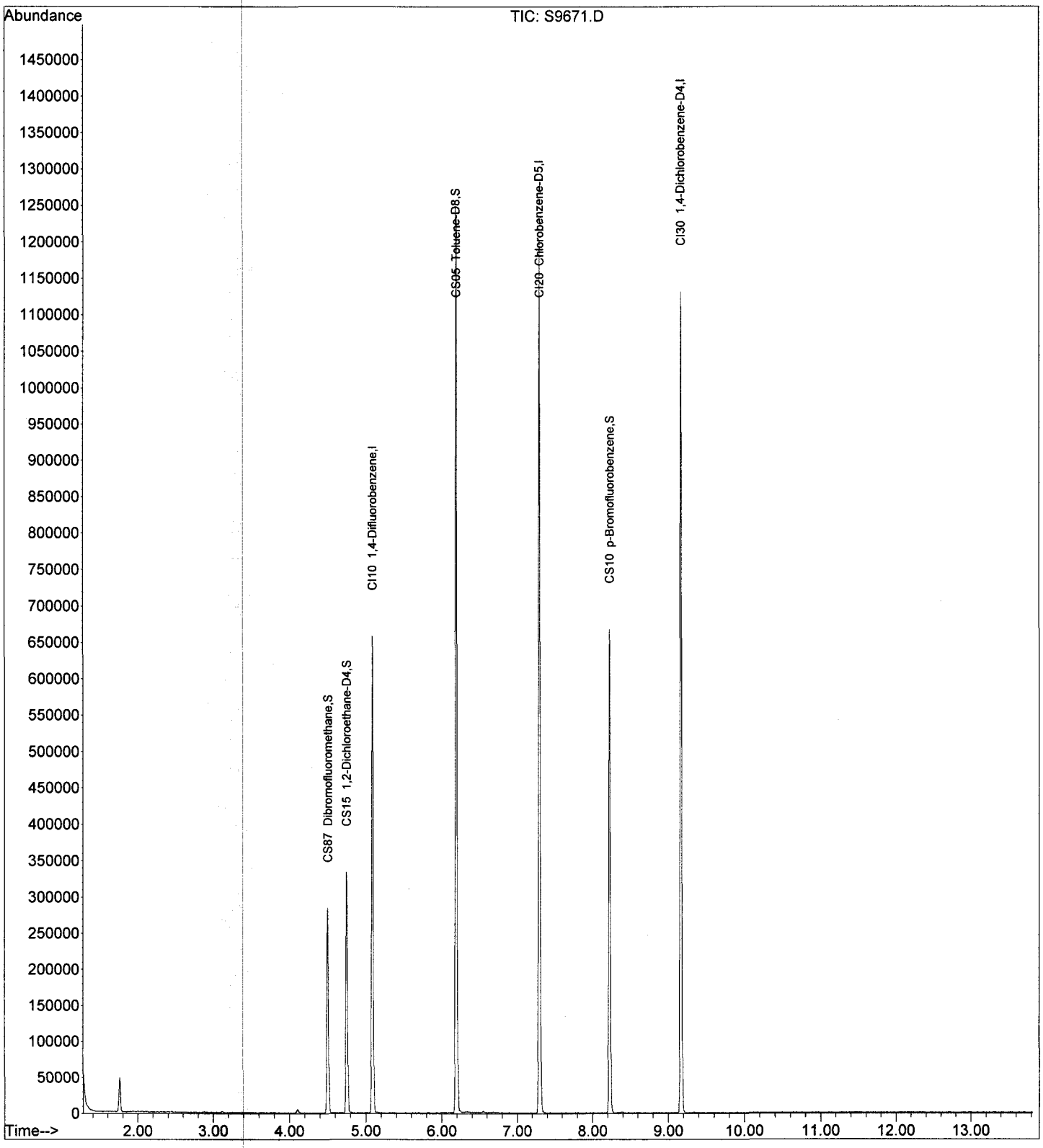
GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	5.0	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	1.0	U
91-20-3	Naphthalene	1.0	U
100-42-5	Styrene	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
79-01-6	Trichloroethene	1.0	U
75-01-4	Vinyl chloride	1.0	U
1330-20-7	Total Xylenes	3.0	U

Data File : D:\DATA\122705\S9671.D Vial: 21
Acq On : 27 Dec 2005 17:59 Operator: LH
Sample : A5E58703 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Dec 27 18:31:05 2005 Results File: A5I0002442_E2.RES
Quant Method : C:\MSDCHEM\1...\A5I0002442_E2.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Tue Dec 27 11:08:38 2005
Response via : Initial Calibration
DataAcq Meth : VOA



Data File : D:\DATA\122705\S9671.D Vial: 21
Acq On : 27 Dec 2005 17:59 Operator: LH
Sample : A5E58703 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 27 18:31:05 2005 Results File: A5I0002442_E2.RES

Quant Method : C:\MSDCHEM\1...\A5I0002442_E2.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Tue Dec 27 11:08:38 2005
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\DATA\122705\S9652.D (27 Dec 2005 10:13)

Clear 12/28/05

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.09	114	389528	125.00	ng	0.00 88.32%
43) CI20	Chlorobenzene-D5	7.30	117	540313	125.00	ng	0.00 89.98%
62) CI30	1,4-Dichlorobenzene-	9.17	152	245616	125.00	ng	0.00 82.57%
System Monitoring Compounds							
30) CS87	Dibromofluoromethane	4.50	111	144402	131.34	ng	0.00
Spiked Amount	125.000	Range	70 - 130	Recovery	=	105.07%	
31) CS15	1,2-Dichloroethane-D	4.75	65	154421	128.70	ng	0.00
Spiked Amount	125.000	Range	73 - 136	Recovery	=	102.96%	
44) CS05	Toluene-D8	6.19	98	654126	122.21	ng	0.00
Spiked Amount	125.000	Range	77 - 122	Recovery	=	97.77%	
61) CS10	p-Bromofluorobenzene	8.23	174	128679	105.87	ng	0.00
Spiked Amount	125.000	Range	74 - 120	Recovery	=	84.70%	

Target Compounds					Qvalue
2) C290	Dichlorodifluorome	0.00	85	0	N.D.
3) C010	Chloromethane	0.00	50	0	N.D.
4) C020	Vinyl chloride	0.00	62	0	N.D.
5) C015	Bromomethane	0.00	94	0	N.D.
6) C025	Chloroethane	0.00	64	0	N.D.
7) C275	Trichlorofluoromet	0.00	101	0	N.D.
8) C045	1,1-Dichloroethene	0.00	96	0	N.D.
9) C030	Methylene chloride	3.12	84	692	N.D.
10) C040	Carbon disulfide	2.89	76	932	N.D.
11) C036	Acrolein	0.00	56	0	N.D.
12) C038	Acrylonitrile	0.00	53	0	N.D.
13) C035	Acetone	2.76	43	141	N.D.
14) C300	Acetonitrile	0.00	41	0	N.D.
15) C276	Iodomethane	0.00	142	0	N.D.
16) C291	1,1,2 Trichloro-1,	0.00	101	0	N.D.
17) C962	T-butyl Methyl Eth	0.00	73	0	N.D.
18) C057	trans-1,2-Dichloro	0.00	96	0	N.D.
19) C255	Methyl Acetate	0.00	43	0	N.D.
20) C050	1,1-Dichloroethane	0.00	63	0	N.D.
21) C125	Vinyl Acetate	0.00	43	0	N.D.
22) C051	2,2-Dichloropropan	0.00	77	0	N.D.
23) C056	cis-1,2-Dichloroet	0.00	96	0	N.D.
24) C272	Tetrahydrofuran	0.00	42	0	N.D.
25) C222	Bromochloromethane	0.00	128	0	N.D.
26) C060	Chloroform	0.00	83	0	N.D.
27) C115	1,1,1-Trichloroeth	0.00	97	0	N.D.
28) C120	Carbon tetrachlori	0.00	117	0	N.D.
29) C116	1,1-Dichloropropen	0.00	75	0	N.D.
32) C165	Benzene	4.81	78	847	N.D.
33) C065	1,2-Dichloroethane	0.00	62	0	N.D.
34) C110	2-Butanone	0.00	43	0	N.D.
35) C256	Cyclohexane	0.00	56	0	N.D.
36) C150	Trichloroethene	0.00	95	0	N.D.
37) C140	1,2-Dichloropropan	0.00	63	0	N.D.
38) C278	Dibromomethane	0.00	93	0	N.D.

1/13/06

Data File : D:\DATA\122705\S9671.D Vial: 21
Acq On : 27 Dec 2005 17:59 Operator: LH
Sample : A5E58703 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 27 18:31:05 2005 Results File: A5I0002442_E2.RES

Quant Method : C:\MSDCHEM\1...\A5I0002442_E2.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Tue Dec 27 11:08:38 2005
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\DATA\122705\S9652.D (27 Dec 2005 10:13)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
39) C130	Bromodichlorometha	0.00	83	0	N.D.		
40) C161	2-Chloroethylvinyl	0.00	63	0	N.D.		
41) C012	Methylcycolhexane	0.00	83	0	N.D.		
42) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.		
45) C230	Toluene	6.24	92	190	N.D.		
46) C170	trans-1,3-Dichloro	0.00	75	0	N.D.		
47) C284	Ethyl Methacrylate	0.00	69	0	N.D.		
48) C160	1,1,2-Trichloroeth	0.00	83	0	N.D.		
49) C210	4-Methyl-2-pentano	6.19	43	2856	N.D.		
50) C220	Tetrachloroethene	0.00	166	0	N.D.		
51) C221	1,3-Dichloropropan	0.00	76	0	N.D.		
52) C155	Dibromochlorometha	0.00	129	0	N.D.		
53) C163	1,2-Dibromoethane	0.00	107	0	N.D.		
54) C215	2-Hexanone	0.00	43	0	N.D.		
55) C235	Chlorobenzene	7.32	112	4376	N.D.		
56) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.		
57) C240	Ethylbenzene	7.30	91	917	N.D.		
58) C246	m,p-Xylene	0.00	106	0	N.D.		
59) C247	o-Xylene	0.00	106	0	N.D.		
60) C245	Styrene	0.00	104	0	N.D.		
63) C180	Bromoform	0.00	173	0	N.D.		
64) C966	Isopropylbenzene	0.00	105	0	N.D.		
65) C301	Bromobenzene	0.00	156	0	N.D.		
66) C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.		
67) C282	1,2,3-Trichloropro	0.00	110	0	N.D.		
68) C283	t-1,4-Dichloro-2-B	0.00	53	0	N.D.		
69) C302	n-Propylbenzene	0.00	91	0	N.D.		
70) C303	2-Chlorotoluene	0.00	126	0	N.D.		
71) C289	4-Chlorotoluene	0.00	126	0	N.D.		
72) C304	1,3,5-Trimethylben	0.00	105	0	N.D.		
73) C306	tert-Butylbenzene	0.00	134	0	N.D.		
74) C307	1,2,4-Trimethylben	0.00	105	0	N.D.		
75) C308	sec-Butylbenzene	0.00	105	0	N.D.		
76) C260	1,3-Dichlorobenzen	0.00	146	0	N.D.		
77) C309	4-Isopropyltoluene	0.00	119	0	N.D.		
78) C267	1,4-Dichlorobenzen	0.00	146	0	N.D.		
79) C249	1,2-Dichlorobenzen	0.00	146	0	N.D.		
80) C310	n-Butylbenzene	0.00	91	0	N.D.		
81) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.		
82) C313	1,2,4-Trichloroben	0.00	180	0	N.D.		
83) C316	Hexachlorobutadien	0.00	225	0	N.D.		
84) C314	Naphthalene	0.00	128	0	N.D.		
85) C934	1,2,3-Trichloroben	0.00	180	0	N.D.		

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

mm 1/13/2006

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.

TB-121505-02

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A5E58707

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: S9657.RR

Level: (low/med) LOW Date Samp/Recv: 12/20/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/27/2005

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	5.0	U
71-43-2	Benzene	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon Disulfide	1.0	U
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	1.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	1.0	U
110-82-7	Cyclohexane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-59-2	cis-1,2-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
98-82-8	Isopropylbenzene	1.0	U
79-20-9	Methyl acetate	1.0	U
108-87-2	Methylcyclohexane	1.0	U
75-09-2	Methylene chloride	1.0	U

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.

TB-121505-02

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A5E58707

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: S9657.RR

Level: (low/med) LOW Date Samp/Recv: 12/20/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/27/2005

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 1.00

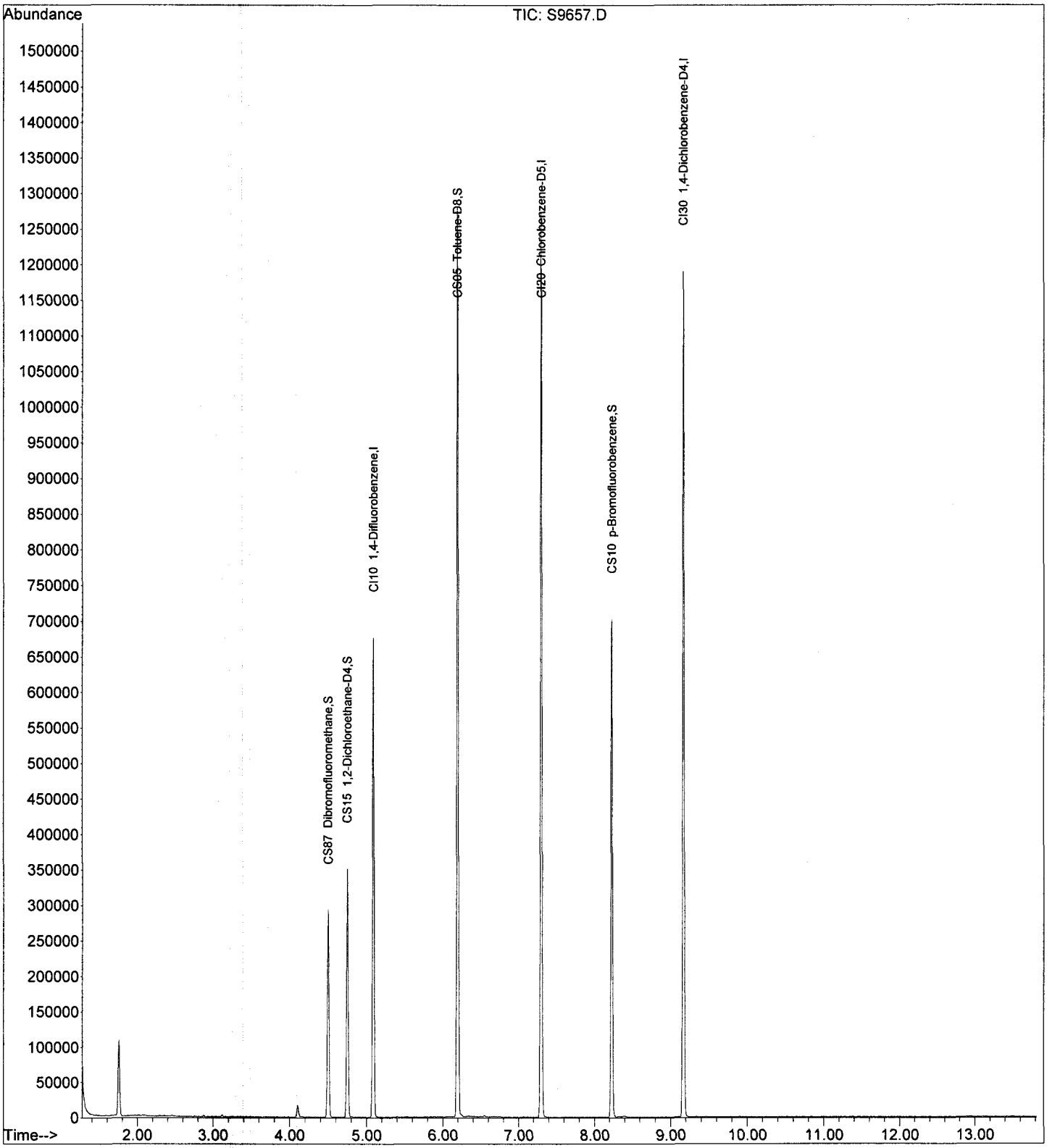
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	5.0	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	1.0	U
91-20-3	Naphthalene	1.0	U
100-42-5	Styrene	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
79-01-6	Trichloroethene	1.0	U
75-01-4	Vinyl chloride	1.0	U
1330-20-7	Total Xylenes	3.0	U

Data File : D:\DATA\122705\S9657.D
Acq On : 27 Dec 2005 12:20
Sample : A5E58707
Misc :
MS Integration Params: RTEINT.P

Vial: 7
Operator: LH
Inst : HP5973S
Multiplr: 1.00

Quant Time: Dec 27 15:10:26 2005 Results File: A5I0002442_E2.RES
Quant Method : C:\MSDCHEM\1...\A5I0002442_E2.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Tue Dec 27 11:08:38 2005
Response via : Initial Calibration
DataAcq Meth : VOA



Data File : D:\DATA\122705\S9657.D Vial: 7
Acq On : 27 Dec 2005 12:20 Operator: LH
Sample : A5E58707 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 27 15:10:26 2005 Results File: A5I0002442_E2.RES

Quant Method : C:\MSDCHEM\1...\A5I0002442_E2.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Tue Dec 27 11:08:38 2005
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\DATA\122705\S9652.D (27 Dec 2005 10:13)

clear 12/27/05 TLC

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.09	114	411945	125.00	ng	0.00 93.41%
43) CI20	Chlorobenzene-D5	7.30	117	564581	125.00	ng	0.00 94.02%
62) CI30	1,4-Dichlorobenzene-	9.16	152	260644	125.00	ng	0.00 87.62%
System Monitoring Compounds							
30) CS87	Dibromofluoromethane	4.50	111	147484	126.85	ng	0.00
Spiked Amount	125.000	Range	70 - 130	Recovery =	101.48%		
31) CS15	1,2-Dichloroethane-D	4.75	65	156166	123.07	ng	0.00
Spiked Amount	125.000	Range	73 - 136	Recovery =	98.46%		
44) CS05	Toluene-D8	6.19	98	667110	119.28	ng	0.00
Spiked Amount	125.000	Range	77 - 122	Recovery =	95.42%		
61) CS10	p-Bromofluorobenzene	8.23	174	137547	108.31	ng	0.00
Spiked Amount	125.000	Range	74 - 120	Recovery =	86.65%		

Target Compounds					Qvalue
2) C290	Dichlorodifluorome	0.00	85	0	N.D.
3) C010	Chloromethane	0.00	50	0	N.D.
4) C020	Vinyl chloride	0.00	62	0	N.D.
5) C015	Bromomethane	0.00	94	0	N.D.
6) C025	Chloroethane	0.00	64	0	N.D.
7) C275	Trichlorofluoromet	0.00	101	0	N.D.
8) C045	1,1-Dichloroethene	0.00	96	0	N.D.
9) C030	Methylene chloride	3.11	84	723	N.D.
10) C040	Carbon disulfide	2.88	76	1303	N.D.
11) C036	Acrolein	0.00	56	0	N.D.
12) C038	Acrylonitrile	3.31	53	129	N.D.
13) C035	Acetone	2.76	43	815	N.D.
14) C300	Acetonitrile	0.00	41	0	N.D.
15) C276	Iodomethane	0.00	142	0	N.D.
16) C291	1,1,2 Trichloro-1,	0.00	101	0	N.D.
17) C962	T-butyl Methyl Eth	0.00	73	0	N.D.
18) C057	trans-1,2-Dichloro	0.00	96	0	N.D.
19) C255	Methyl Acetate	0.00	43	0	N.D.
20) C050	1,1-Dichloroethane	0.00	63	0	N.D.
21) C125	Vinyl Acetate	0.00	43	0	N.D.
22) C051	2,2-Dichloropropan	4.10	77	287	N.D.
23) C056	cis-1,2-Dichloroet	0.00	96	0	N.D.
24) C272	Tetrahydrofuran	0.00	42	0	N.D.
25) C222	Bromochloromethane	0.00	128	0	N.D.
26) C060	Chloroform	0.00	83	0	N.D.
27) C115	1,1,1-Trichloroeth	0.00	97	0	N.D.
28) C120	Carbon tetrachlori	0.00	117	0	N.D.
29) C116	1,1-Dichloropropen	0.00	75	0	N.D.
32) C165	Benzene	4.80	78	988	N.D.
33) C065	1,2-Dichloroethane	0.00	62	0	N.D.
34) C110	2-Butanone	4.10	43	312	N.D.
35) C256	Cyclohexane	0.00	56	0	N.D.
36) C150	Trichloroethene	0.00	95	0	N.D.
37) C140	1,2-Dichloropropan	0.00	63	0	N.D.
38) C278	Dibromomethane	0.00	93	0	N.D.

mrt 1/13/2006

Data File : D:\DATA\122705\S9657.D Vial: 7
Acq On : 27 Dec 2005 12:20 Operator: LH
Sample : A5E58707 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 27 15:10:26 2005 Results File: A5I0002442_E2.RES

Quant Method : C:\MSDCHEM\1...\A5I0002442_E2.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Tue Dec 27 11:08:38 2005
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\DATA\122705\S9652.D (27 Dec 2005 10:13)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
39) C130	Bromodichlorometha	0.00	83	0	N.D.		
40) C161	2-Chloroethylvinyl	0.00	63	0	N.D.		
41) C012	Methylcycolhexane	0.00	83	0	N.D.		
42) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.		
45) C230	Toluene	6.24	92	926	N.D.		
46) C170	trans-1,3-Dichloro	0.00	75	0	N.D.		
47) C284	Ethyl Methacrylate	0.00	69	0	N.D.		
48) C160	1,1,2-Trichloroeth	0.00	83	0	N.D.		
49) C210	4-Methyl-2-pentano	6.19	43	2927	N.D.		
50) C220	Tetrachloroethene	0.00	166	0	N.D.		
51) C221	1,3-Dichloropropan	0.00	76	0	N.D.		
52) C155	Dibromochlorometha	0.00	129	0	N.D.		
53) C163	1,2-Dibromoethane	0.00	107	0	N.D.		
54) C215	2-Hexanone	0.00	43	0	N.D.		
55) C235	Chlorobenzene	7.32	112	2262	N.D.		
56) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.		
57) C240	Ethylbenzene	7.29	91	881	N.D.		
58) C246	m,p-Xylene	0.00	106	0	N.D.		
59) C247	o-Xylene	0.00	106	0	N.D.		
60) C245	Styrene	0.00	104	0	N.D.		
63) C180	Bromoform	0.00	173	0	N.D.		
64) C966	Isopropylbenzene	0.00	105	0	N.D.		
65) C301	Bromobenzene	0.00	156	0	N.D.		
66) C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.		
67) C282	1,2,3-Trichloropro	0.00	110	0	N.D.		
68) C283	t-1,4-Dichloro-2-B	0.00	53	0	N.D.		
69) C302	n-Propylbenzene	8.44	91	143	N.D.		
70) C303	2-Chlorotoluene	0.00	126	0	N.D.		
71) C289	4-Chlorotoluene	0.00	126	0	N.D.		
72) C304	1,3,5-Trimethylben	0.00	105	0	N.D.		
73) C306	tert-Butylbenzene	0.00	134	0	N.D.		
74) C307	1,2,4-Trimethylben	0.00	105	0	N.D.		
75) C308	sec-Butylbenzene	0.00	105	0	N.D.		
76) C260	1,3-Dichlorobenzen	9.12	146	301	N.D.		
77) C309	4-Isopropyltoluene	0.00	119	0	N.D.		
78) C267	1,4-Dichlorobenzen	9.19	146	366	N.D.		
79) C249	1,2-Dichlorobenzen	0.00	146	0	N.D.		
80) C310	n-Butylbenzene	0.00	91	0	N.D.		
81) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.		
82) C313	1,2,4-Trichloroben	0.00	180	0	N.D.		
83) C316	Hexachlorobutadien	0.00	225	0	N.D.		
84) C314	Naphthalene	0.00	128	0	N.D.		
85) C934	1,2,3-Trichloroben	0.00	180	0	N.D.		

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

11/29/06

Standards

METHOD 8260 - AQUEOUS (30% RSD/ 20% D)
INITIAL CALIBRATION DATA

Lab Name: STL Buffalo Contract: 4 Lab Sample ID: A5I0002430-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: _____

Intrument ID: HP5973G Calibration Dates(s): 12/20/2005 12/20/2005

Heated Purge (Y/N): N Calibration Times: 11:27 14:25

GC Column: DB-624 ID: 0.18(mm)

Lab File ID: RRF1 = G7411.RR RRF10 = G7409.RR
RRF25 = G7408.RR RRF50 = G7406.RR RRF100 = G7407.RR

COMPOUND	RRF1	RRF10	RRF25	RRF50	RRF100	AVG RRF	% RSD
Chloromethane	0.659	0.529	0.490	0.505	0.492	0.5350	13.300
Bromomethane	0.343	0.234	0.214	0.214	0.212	0.2430	23.100
Vinyl chloride	0.593	0.518	0.481	0.500	0.483	0.5150	9.000
Chloroethane	0.363	0.254	0.254	0.258	0.262	0.2780	17.100
Methylene chloride	0.774	0.472	0.438	0.421	0.414	0.5040	30.300
Acetone	0.151	0.135	0.131	0.132	0.129	0.1360	6.600
Carbon Disulfide	1.203	1.103	1.022	1.034	1.019	1.0760	7.300
1,1-Dichloroethene	0.404	0.380	0.360	0.349	0.344	0.3670	6.700
1,1-Dichloroethane	0.833	0.808	0.778	0.757	0.748	0.7850	4.600
cis-1,2-Dichloroethene	0.495	0.475	0.457	0.439	0.427	0.4590	5.900
trans-1,2-Dichloroethene	0.450	0.434	0.410	0.393	0.375	0.4120	7.400
Chloroform	0.813	0.775	0.752	0.733	0.718	0.7580	5.000
1,2-Dichloroethane	0.651	0.648	0.635	0.628	0.619	0.6360	2.100
2-Butanone	0.233	0.222	0.211	0.212	0.205	0.2170	5.000
1,1,1-Trichloroethane	0.671	0.673	0.653	0.635	0.625	0.6510	3.300
Carbon Tetrachloride	0.548	0.563	0.548	0.539	0.540	0.5470	1.700
Bromodichloromethane	0.523	0.525	0.526	0.527	0.531	0.5260	0.600
1,2-Dichloropropane	0.488	0.460	0.445	0.446	0.443	0.4560	4.100
cis-1,3-Dichloropropene	0.659	0.693	0.681	0.674	0.683	0.6780	1.800
Trichloroethene	0.466	0.459	0.438	0.425	0.422	0.4420	4.500
Dibromochloromethane	0.702	0.720	0.741	0.758	0.780	0.7400	4.100
1,1,2-Trichloroethane	0.658	0.640	0.623	0.614	0.610	0.6290	3.200
Benzene	1.857	1.772	1.703	1.657	1.614	1.7200	5.600
trans-1,3-Dichloropropene	1.132	1.272	1.280	1.288	1.301	1.2540	5.500
Bromoform	0.351	0.423	0.442	0.468	0.490	0.4350	12.200
4-Methyl-2-pentanone	0.928	0.968	0.937	0.927	0.893	0.9310	2.900
2-Hexanone	0.670	0.689	0.664	0.659	0.639	0.6640	2.700
Tetrachloroethene	0.994	0.970	0.956	0.897	0.878	0.9390	5.200
1,1,2,2-Tetrachloroethane	1.021	1.046	1.021	1.013	1.026	1.0250	1.200
Toluene	2.370	2.257	2.229	2.128	2.091	2.2150	5.000
Chlorobenzene	2.677	2.558	2.508	2.391	2.357	2.4980	5.200
Ethylbenzene	4.407	4.382	4.271	4.075	3.962	4.2190	4.600
Styrene	2.517	2.628	2.637	2.555	2.517	2.5710	2.300
Total Xylenes	1.687	1.686	1.626	1.555	1.528	1.6170	4.500
1,1,2-Trichloro-1,2,2-trifl	0.359	0.401	0.379	0.402	0.382	0.3840	4.600
1,2,4-Trichlorobenzene	2.123	1.626	1.392	1.363	1.345	1.5700	21.000
1,2-Dibromo-3-chloropropane	0.164	0.180	0.182	0.191	0.203	0.1840	7.800

METHOD 8260 - AQUEOUS (30% RSD/ 20% D)
INITIAL CALIBRATION DATA

Lab Name: STL Buffalo Contract: 4 Lab Sample ID: A5I0002430-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: _____

Intrument ID: HP5973G Calibration Dates(s): 12/20/2005 12/20/2005

Heated Purge (Y/N): N Calibration Times: 11:27 14:25

GC Column: DB-624 ID: 0.18(mm)

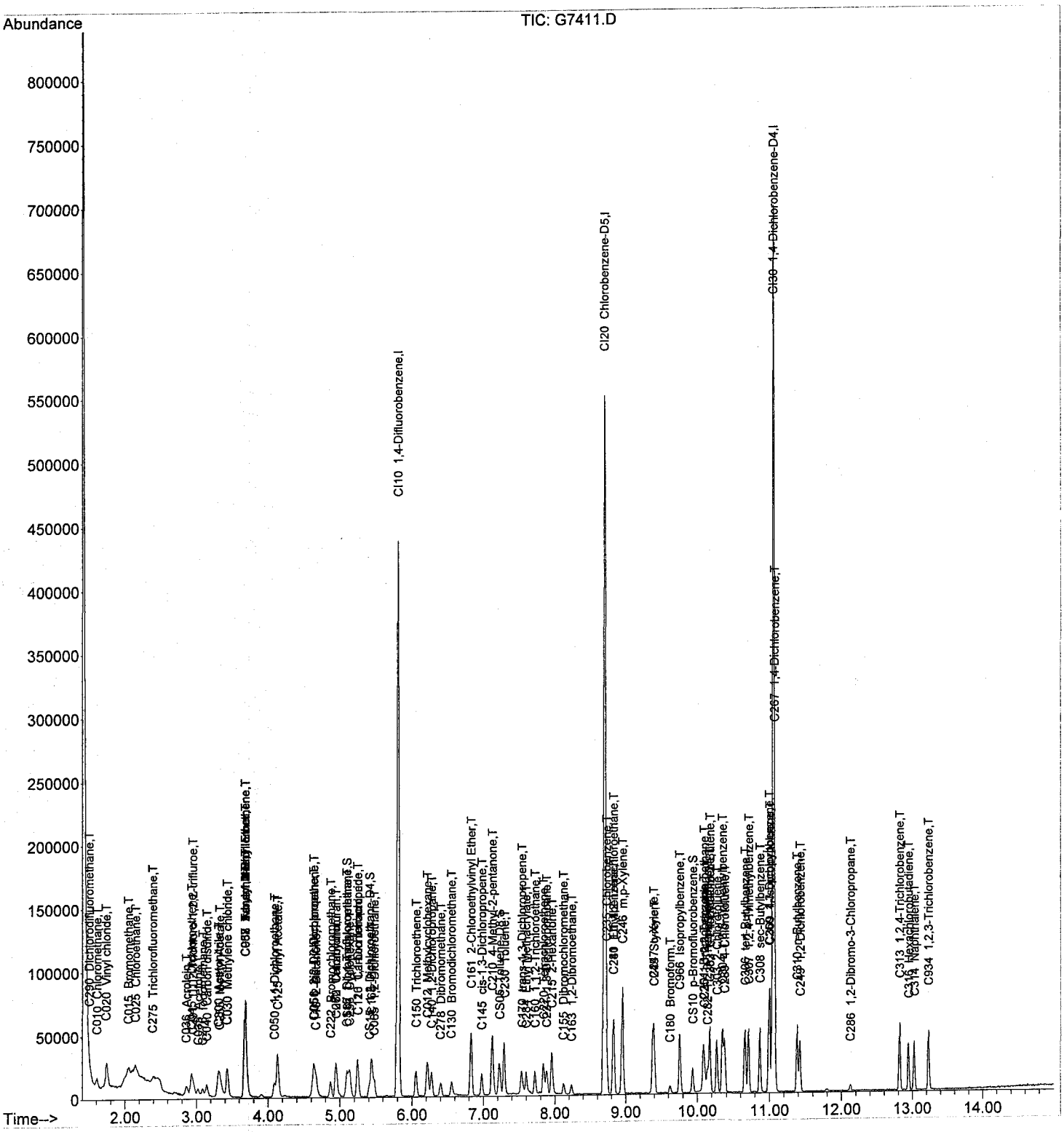
Lab File ID: RRF1 = G7411.RR RRF10 = G7409.RR
RRF25 = G7408.RR RRF50 = G7406.RR RRF100 = G7407.RR

COMPOUND	RRF1	RRF10	RRF25	RRF50	RRF100	AVG RRF	% RSD
1,2-Dibromoethane	0.766	0.758	0.761	0.753	0.745	0.7570	1.000
1,2-Dichlorobenzene	2.272	2.127	2.053	1.989	1.980	2.0840	5.800
1,3-Dichlorobenzene	2.288	2.197	2.104	2.004	1.966	2.1120	6.300
1,4-Dichlorobenzene	2.378	2.243	2.158	2.083	2.082	2.1890	5.700
Cyclohexane	0.753	0.786	0.754	0.776	0.741	0.7620	2.400
Dichlorodifluoromethane	0.472	0.426	0.395	0.425	0.399	0.4230	7.300
Methyl acetate	0.736	0.605	0.587	0.550	0.539	0.6030	13.100
Naphthalene	3.964	3.499	2.866	2.974	2.978	3.2560	14.300
Trichlorofluoromethane	0.645	0.589	0.540	0.574	0.548	0.5790	7.200
Methyl-t-Butyl Ether (MTBE)	1.354	1.375	1.314	1.314	1.262	1.3240	3.300
Isopropylbenzene	4.499	4.656	4.458	4.245	4.281	4.4280	3.800
Methylcyclohexane	0.792	0.844	0.824	0.849	0.805	0.8230	3.000
Toluene-D8	2.368	2.705	2.415	2.434	2.681	2.5210	6.300
p-Bromofluorobenzene	0.739	0.828	0.743	0.743	0.820	0.7740	5.800
1,2-Dichloroethane-D4	0.378	0.427	0.375	0.392	0.440	0.4020	7.300

Comments:

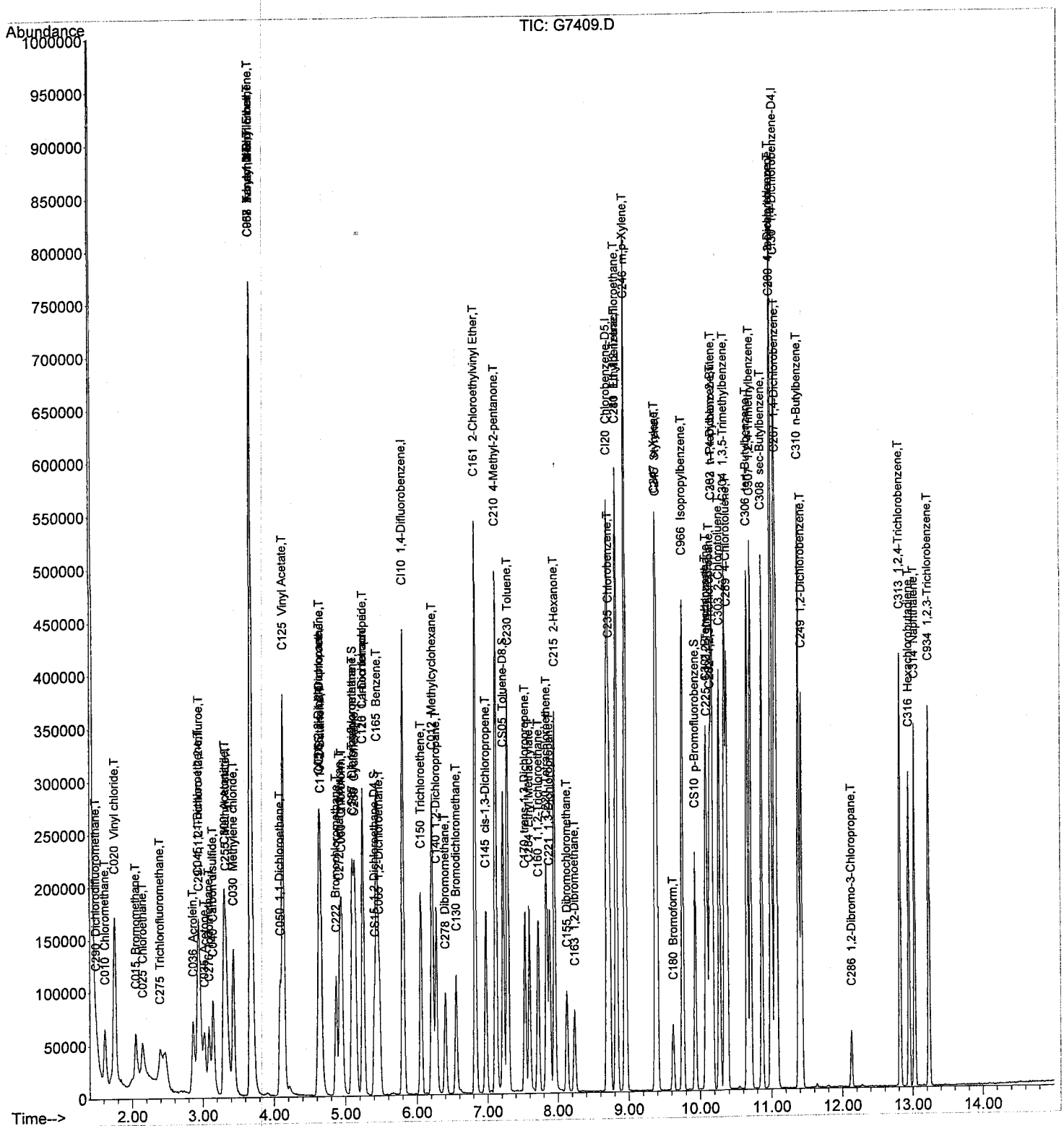
Data File: C:\MSDCHEM\1\DATA\122005\G7411.D
Acq On : 20 Dec 2005 14:25
Sample : VSTD001
Misc :
Integrator: RTE
Quant Time: Dec 20 14:58:13 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 20 14:56:38 2005
Response via : Initial Calibration
Data Path : C:\MSDCHEM\1\DATA\122005\
Operator : LH/TRB



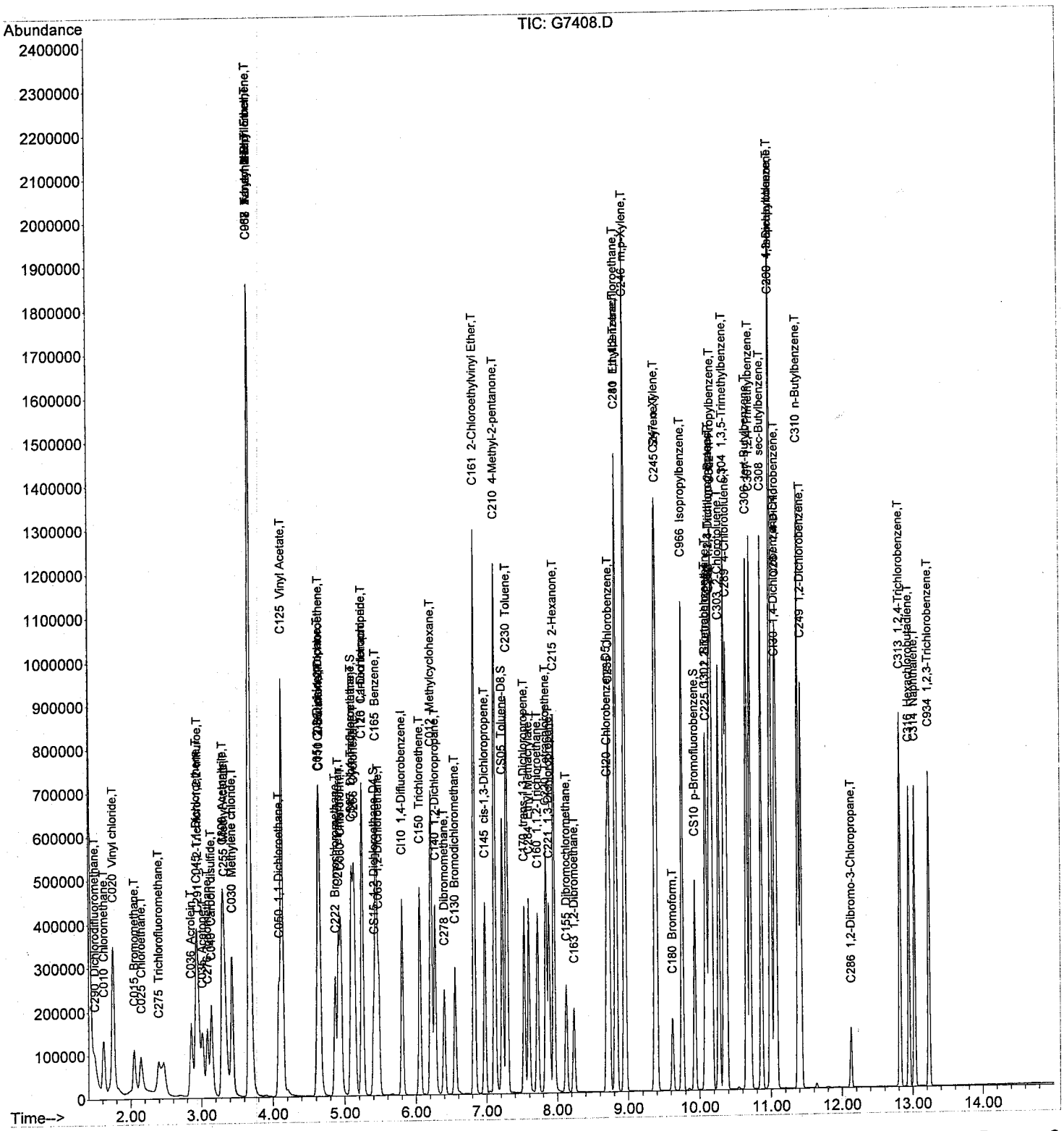
Data File: C:\MSDCHEM\1\DATA\122005\G7409.D
Acq On : 20 Dec 2005 13:40
Sample : VSTD010
Misc :
Integrator: RTE
Quant Time: Dec 20 15:02:57 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 20 14:56:38 2005
Response via : Initial Calibration
Data Path : C:\MSDCHEM\1\DATA\122005\
Operator : LH/TRB



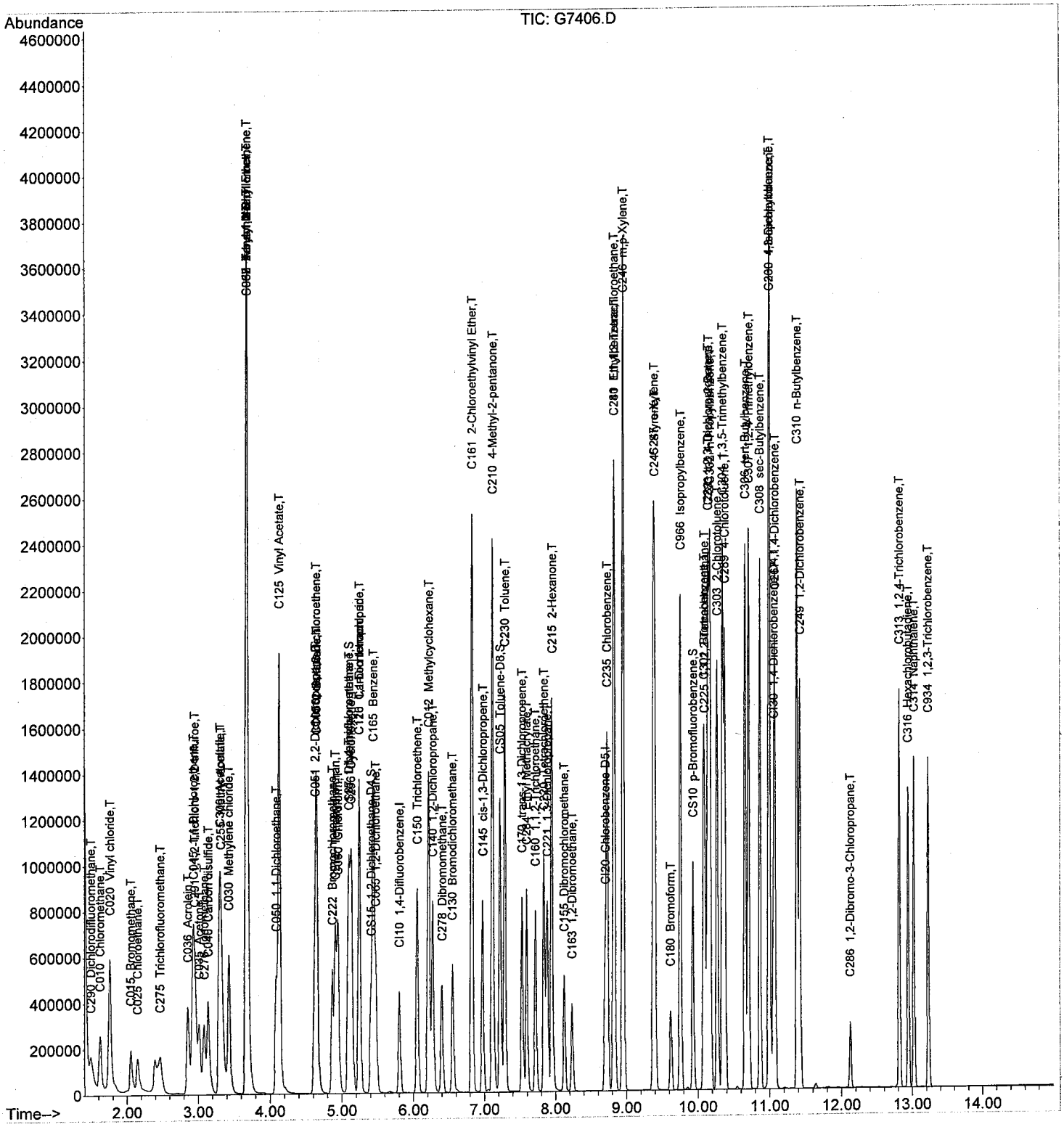
Data File: C:\MSDCHEM\1\DATA\122005\G7408.D
Acq On : 20 Dec 2005 13:18
Sample : VSTD025
Misc :
Integrator: RTE
Quant Time: Dec 20 15:01:38 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 20 14:56:38 2005
Response via : Initial Calibration
Data Path : C:\MSDCHEM\1\DATA\122005\
Operator : LH/TRB



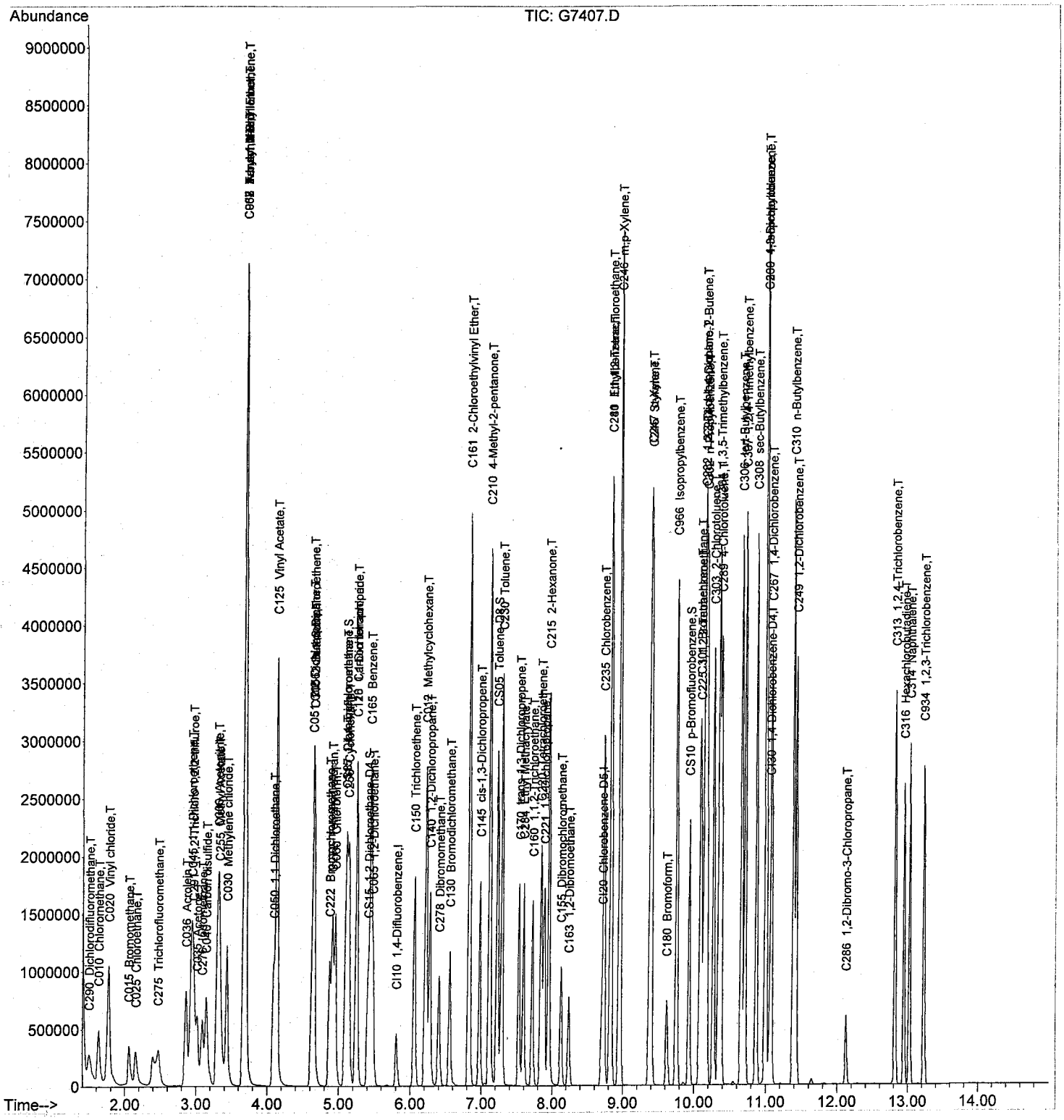
Data File: C:\MSDCHEM\1\DATA\122005\G7406.D
Acq On : 20 Dec 2005 11:27
Sample : VSTD050
Misc :
Integrator: RTE
Quant Time: Dec 20 14:58:37 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 20 14:56:38 2005
Response via : Initial Calibration
Data Path : C:\MSDCHEM\1\DATA\122005\
Operator : LH/TRB



Data File: C:\MSDCHEM\1\DATA\122005\G7407.D
Acq On : 20 Dec 2005 11:50
Sample : VSTD100
Misc :
Integrator: RTE
Quant Time: Dec 20 15:00:09 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 20 14:56:38 2005
Response via : Initial Calibration
Data Path : C:\MSDCHEM\1\DATA\122005\
Operator : LH/TRB



Method Path : C:\MSDCHEM\1\METHODS\8260-5MLLOW\
Method File : A5I0002430.M
Title : 8260 5ML WATER
Last Update : Tue Dec 20 15:05:36 2005
Response Via : Initial Calibration

8260 (A5I...2430)
8260GE (A5I...2430GE)

Calibration Files
1 =G7411.D 2 =G7409.D 3 =G7408.D
4 =G7406.D 5 =G7407.D

		Compound	1	2	3	4	5	Avg	%RSD
1)	I	CI10 1,4-Difluoroben	----------ISTD----------						
2)	T	C290 Dichlorodifluor	0.472	0.426	0.395	0.425	0.399	0.423	7.30
3)	T	C010 Chloromethane	0.659	0.529	0.490	0.505	0.492	0.535	13.30
4)	T	C020 Vinyl chloride	0.593	0.517	0.481	0.500	0.483	0.515	8.95
5)	T	C015 Bromomethane	0.343	0.234	0.214	0.214	0.212	0.243	23.13
6)	T	C025 Chloroethane	0.363	0.254	0.254	0.258	0.262	0.278	17.10
7)	T	C275 Trichlorofluoro	0.645	0.589	0.540	0.574	0.548	0.579	7.23
8)	T	C045 1,1-Dichloroeth	0.404	0.380	0.360	0.349	0.344	0.367	6.69
9)	T	C030 Methylene chlor	0.774	0.472	0.438	0.421	0.414	0.504	30.33
10)	T	C040 Carbon disulfid	1.203	1.103	1.022	1.033	1.019	1.076	7.34
11)	T	C036 Acrolein	0.041	0.032	0.030	0.032	0.034	0.034	11.92
12)	T	C038 Acrylonitrile	0.161	0.165	0.157	0.158	0.149	0.158	3.75
13)	T	C035 Acetone	0.151	0.135	0.131	0.132	0.129	0.136	6.56
14)	T	C300 Acetonitrile	0.064	0.061	0.057	0.058	0.056	0.059	5.51
15)	T	C276 Iodomethane	0.589	0.617	0.596	0.593	0.568	0.593	2.91
16)	T	C291 1,1,2-Trichloro	0.359	0.401	0.379	0.402	0.382	0.384	4.58
17)	T	C962 T-butyl Methyl	1.354	1.375	1.314	1.314	1.262	1.324	3.28
18)	T	C057 trans-1,2-Dichl	0.450	0.434	0.410	0.393	0.375	0.412	7.39
19)	T	C255 Methyl Acetate	0.736	0.604	0.587	0.550	0.539	0.603	13.08
20)	T	C050 1,1-Dichloroeth	0.833	0.808	0.778	0.757	0.748	0.785	4.55
21)	T	C125 Vinyl Acetate	0.792	0.863	0.838	0.869	0.824	0.837	3.72
22)	T	C051 2,2-Dichloropro	0.691	0.701	0.681	0.642	0.633	0.670	4.53
23)	T	C056 cis-1,2-Dichlor	0.495	0.475	0.457	0.439	0.427	0.459	5.95
24)	T	C272 Tetrahydrofuran	0.150	0.144	0.139	0.141	0.137	0.142	3.70
25)	T	C222 Bromochlorometh	0.238	0.229	0.219	0.217	0.212	0.223	4.62
26)	S	CS87 Dibromofluorome	0.290	0.337	0.294	0.305	0.339	0.313	7.50
27)	T	C060 Chloroform	0.813	0.775	0.752	0.733	0.718	0.758	4.95
28)	T	C115 1,1,1-Trichloro	0.671	0.673	0.653	0.635	0.625	0.651	3.28
29)	T	C120 Carbon tetrachl	0.548	0.563	0.548	0.539	0.540	0.547	1.74
30)	T	C116 1,1-Dichloropro	0.590	0.614	0.599	0.574	0.567	0.589	3.21
31)	S	CS15 1,2-Dichloroeth	0.378	0.427	0.375	0.392	0.440	0.402	7.28
32)	T	C165 Benzene	1.857	1.772	1.703	1.657	1.614	1.720	5.59
33)	T	C065 1,2-Dichloroeth	0.651	0.648	0.635	0.628	0.619	0.636	2.09
34)	T	C110 2-Butanone	0.233	0.222	0.211	0.212	0.205	0.217	5.02
35)	T	C256 Cyclohexane	0.753	0.786	0.754	0.776	0.740	0.762	2.44
36)	T	C150 Trichloroethene	0.466	0.459	0.438	0.425	0.422	0.442	4.52
37)	T	C140 1,2-Dichloropro	0.488	0.460	0.445	0.446	0.443	0.456	4.07
38)	T	C278 Dibromomethane	0.269	0.260	0.255	0.256	0.253	0.259	2.54
39)	T	C130 Bromodichlorome	0.523	0.525	0.526	0.527	0.531	0.526	0.58
40)	T	C161 2-Chloroethylvi	0.292	0.314	0.307	0.305	0.293	0.302	3.17
41)	T	C012 Methylcyclohexa	0.792	0.844	0.824	0.849	0.805	0.823	2.97
42)	T	C145 cis-1,3-Dichlor	0.659	0.693	0.681	0.674	0.683	0.678	1.83
43)	I	CI20 Chlorobenzene-D	----------ISTD----------						
44)	S	CS05 Toluene-D8	2.368	2.705	2.415	2.434	2.681	2.521	6.32
45)	T	C230 Toluene	2.370	2.257	2.229	2.128	2.091	2.215	5.00
46)	T	C170 trans-1,3-Dichl	1.132	1.272	1.280	1.288	1.301	1.254	5.53
47)	T	C284 Ethyl Methacryl	1.112	1.207	1.215	1.222	1.210	1.193	3.81
48)	T	C160 1,1,2-Trichloro	0.658	0.639	0.623	0.614	0.609	0.629	3.18
49)	T	C210 4-Methyl-2-pent	0.928	0.968	0.937	0.927	0.893	0.931	2.87
50)	T	C220 Tetrachloroethe	0.994	0.970	0.956	0.897	0.878	0.939	5.24
51)	T	C221 1,3-Dichloropro	1.432	1.419	1.396	1.375	1.353	1.395	2.29
52)	T	C155 Dibromochlorome	0.702	0.720	0.741	0.758	0.780	0.740	4.13
53)	T	C163 1,2-Dibromoetha	0.766	0.758	0.761	0.753	0.745	0.757	1.06

Method Path : C:\MSDCHEM\1\METHODS\8260-5MLLOW\
Method File : A5I0002430.M
Title : 8260 5ML WATER
Last Update : Tue Dec 20 15:05:36 2005
Response Via : Initial Calibration

54)	T	C215	2-Hexanone	0.670	0.689	0.664	0.659	0.639	0.664	2.73
55)	T	C235	Chlorobenzene	2.677	2.558	2.508	2.391	2.356	2.498	5.19
56)	T	C281	1,1,1,2-Tetrach	0.812	0.832	0.831	0.815	0.801	0.818	1.60
57)	T	C240	Ethylbenzene	4.407	4.382	4.271	4.075	3.962	4.219	4.61
58)	T	C246	m,p-Xylene	1.751	1.708	1.657	1.569	1.531	1.643	5.64
59)	T	C247	o-Xylene	1.687	1.686	1.626	1.555	1.528	1.616	4.54
60)	T	C245	Styrene	2.517	2.628	2.637	2.555	2.517	2.571	2.27
61)	T	C180	Bromoform	0.351	0.423	0.442	0.468	0.490	0.435	12.24
62)	S	CS10	p-Bromofluorobe	0.739	0.828	0.743	0.743	0.820	0.774	5.81
63)	I	CI30	1,4-Dichloroben	----------ISTD----------						
64)	T	C966	Isopropylbenzen	4.499	4.656	4.458	4.245	4.280	4.428	3.80
65)	T	C301	Bromobenzene	1.197	1.124	1.086	1.030	1.029	1.093	6.42
66)	T	C225	1,1,2,2-Tetrach	1.020	1.046	1.021	1.013	1.026	1.025	1.21
67)	T	C282	1,2,3-Trichloro	0.365	0.338	0.326	0.311	0.315	0.331	6.56
68)	T	C283	t-1,4-Dichloro-	0.089	0.117	0.127	0.140	0.152	0.125	19.24
69)	T	C302	n-Propylbenzene	5.523	5.714	5.603	5.342	5.338	5.504	2.98
70)	T	C303	2-Chlorotoluene	1.150	1.088	1.060	1.011	1.019	1.065	5.31
71)	T	C289	4-Chlorotoluene	1.181	1.146	1.106	1.052	1.055	1.108	5.08
72)	T	C304	1,3,5-Trimethyl	3.859	3.889	3.778	3.644	3.634	3.761	3.15
73)	T	C306	tert-Butylbenze	0.862	0.876	0.845	0.810	0.806	0.840	3.71
74)	T	C307	1,2,4-Trimethyl	3.877	3.936	3.845	3.689	3.731	3.816	2.69
75)	T	C308	sec-Butylbenzen	4.759	4.818	4.699	4.498	4.517	4.658	3.09
76)	T	C260	1,3-Dichloroben	2.288	2.197	2.104	2.004	1.965	2.112	6.32
77)	T	C309	4-Isopropyltolu	4.205	4.411	4.290	4.085	4.064	4.211	3.44
78)	T	C267	1,4-Dichloroben	2.378	2.243	2.158	2.083	2.082	2.189	5.70
79)	T	C249	1,2-Dichloroben	2.272	2.127	2.053	1.989	1.980	2.084	5.78
80)	T	C310	n-Butylbenzene	4.039	4.013	3.909	3.762	3.781	3.901	3.27
81)	T	C286	1,2-Dibromo-3-C	0.164	0.180	0.182	0.191	0.203	0.184	7.83
82)	T	C313	1,2,4-Trichloro	2.123	1.626	1.392	1.363	1.344	1.570	21.00
83)	T	C316	Hexachlorobutad	0.900	0.719	0.642	0.616	0.601	0.696	17.68
84)	T	C314	Naphthalene	3.964	3.499	2.866	2.974	2.978	3.256	14.32
85)	T	C934	1,2,3-Trichloro	1.948	1.469	1.178	1.147	1.133	1.375	25.37

Total Average %RSD 6.44

L = Linear LO = Linear+Origin Q = Quad QO = Quad+Origin R = Corr. Coef
(#) = Out of Range

A5I0002430.M Tue Dec 20 15:06:54 2005 HP5973G

Date: 12/21/2005
Time: 16:18:58

ICC Profile

ICC Profile Code: A00263 METHOD 8260 low 5ML PURGE (30% RSD/ 20% D)
Fraction: MV

No of Points: 5 Default Min. RRF: 0.3000
CCC Conc: 125.00

QC Approver: JRS
QC Date: 11/08/2005

Comments:

Seq		Parameter	ng On Column Point 1	Point 2	Point 3	Point 4	Point 5
2	123-91-1	1,4-Dioxane	200.0000	2000.0000	5000.0000	10000.0000	20000.0000
7	77-73-6	Dicyclopentadiene	5.0000	50.0000	125.0000	250.0000	500.0000
8	526-73-8	1,2,3-Trimethylbenzene	5.0000	50.0000	125.0000	250.0000	500.0000
15	994-05-8	tert-Amyl Methyl Ether (TAME)	5.0000	50.0000	125.0000	250.0000	500.0000
18	67-64-1	Acetone	25.0000	250.0000	625.0000	1250.0000	2500.0000
20	71-43-2	Benzene	5.0000	50.0000	125.0000	250.0000	500.0000
25	637-92-3	Ethyl-t-butyl ether (ETBE)	5.0000	50.0000	125.0000	250.0000	500.0000
30	108-86-1	Bromobenzene	5.0000	50.0000	125.0000	250.0000	500.0000
40	74-97-5	Bromochloromethane	5.0000	50.0000	125.0000	250.0000	500.0000
50	75-27-4	Bromodichloromethane	5.0000	50.0000	125.0000	250.0000	500.0000
51	108-70-3	1,3,5-Trichlorobenzene	5.0000	50.0000	125.0000	250.0000	500.0000
60	75-25-2	Bromoform	5.0000	50.0000	125.0000	250.0000	500.0000
70	74-83-9	Bromomethane	5.0000	50.0000	125.0000	250.0000	500.0000
88	78-93-3	2-Butanone	25.0000	250.0000	625.0000	1250.0000	2500.0000
90	104-51-8	n-Butylbenzene	5.0000	50.0000	125.0000	250.0000	500.0000
91	107-12-0	Propionitrile	50.0000	500.0000	1250.0000	2500.0000	5000.0000
92	126-98-7	Methacrylonitrile	5.0000	50.0000	125.0000	250.0000	500.0000
93	108-20-3	Isopropyl Ether (DIPE)	5.0000	50.0000	125.0000	250.0000	500.0000
94	78-83-1	Isobutanol	200.0000	2000.0000	5000.0000	10000.0000	20000.0000
95	71-36-3	n-Butyl alcohol	200.0000	2000.0000	5000.0000	10000.0000	20000.0000
96	108-41-8	m-Chlorotoluene	5.0000	50.0000	125.0000	250.0000	500.0000
97	108-94-1	Cyclohexanone	50.0000	500.0000	1250.0000	2500.0000	5000.0000
98	76-01-7	Pentachloroethane	5.0000	50.0000	125.0000	250.0000	500.0000
99	75-65-0	tert-Butyl Alcohol (TBA)	100.0000	1000.0000	2500.0000	5000.0000	10000.0000
100	135-98-8	sec-Butylbenzene	5.0000	50.0000	125.0000	250.0000	500.0000
101	79-20-9	Methyl acetate	5.0000	50.0000	125.0000	250.0000	500.0000
102	110-82-7	Cyclohexane	5.0000	50.0000	125.0000	250.0000	500.0000
103	108-87-2	Methylcyclohexane	5.0000	50.0000	125.0000	250.0000	500.0000
104	98-56-6	p-Monochlorobenzotrifluoride	5.0000	50.0000	125.0000	250.0000	500.0000
105	98-15-7	m-Monochlorobenzotrifluoride	5.0000	50.0000	125.0000	250.0000	500.0000
106	88-16-4	o-Monochlorobenzotrifluoride	5.0000	50.0000	125.0000	250.0000	500.0000
110	98-06-6	tert-Butylbenzene	5.0000	50.0000	125.0000	250.0000	500.0000
111	106-89-8	Epichlorohydrin	100.0000	1000.0000	2500.0000	5000.0000	10000.0000
112	79-46-9	2-Nitropropane	25.0000	250.0000	625.0000	1250.0000	2500.0000
114	TOTALVOA	Total Volatile Organic Compoun	5.0000	50.0000	125.0000	250.0000	500.0000
120	554-14-3	2-Methyl Thiophene	5.0000	50.0000	125.0000	250.0000	500.0000
121	616-44-4	3-Methyl Thiophene	5.0000	50.0000	125.0000	250.0000	500.0000
128	75-15-0	Carbon Disulfide	5.0000	50.0000	125.0000	250.0000	500.0000
130	56-23-5	Carbon Tetrachloride	5.0000	50.0000	125.0000	250.0000	500.0000
140	108-90-7	Chlorobenzene	5.0000	50.0000	125.0000	250.0000	500.0000
145	104-76-7	2-Ethyl-1-hexanol	50.0000	500.0000	1250.0000	2500.0000	5000.0000
150	75-00-3	Chloroethane	5.0000	50.0000	125.0000	250.0000	500.0000
160	67-66-3	Chloroform	5.0000	50.0000	125.0000	250.0000	500.0000
170	74-87-3	Chloromethane	5.0000	50.0000	125.0000	250.0000	500.0000
180	95-49-8	o-Chlorotoluene	5.0000	50.0000	125.0000	250.0000	500.0000
190	106-43-4	p-Chlorotoluene	5.0000	50.0000	125.0000	250.0000	500.0000
200	124-48-1	Dibromochloromethane	5.0000	50.0000	125.0000	250.0000	500.0000

Date: 12/21/2005
Time: 16:18:58

ICC Profile

ICC Profile Code: A00263 METHOD 8260 low 5ML PURGE (30% RSD/ 20% D) (continued)

Seq		Parameter	ng On Column Point 1	Point 2	Point 3	Point 4	Point 5
201	110-54-3	Hexane	5.0000	50.0000	125.0000	250.0000	500.0000
202	142-82-5	Heptane	5.0000	50.0000	125.0000	250.0000	500.0000
203	534-15-6	1,1-Dimethoxyethane	25.0000	250.0000	625.0000	1250.0000	2500.0000
204	75-56-9	Propylene Oxide	25.0000	250.0000	625.0000	1250.0000	2500.0000
210	96-12-8	1,2-Dibromo-3-chloropropane	5.0000	50.0000	125.0000	250.0000	500.0000
220	106-93-4	1,2-Dibromoethane	5.0000	50.0000	125.0000	250.0000	500.0000
230	74-95-3	Dibromomethane	5.0000	50.0000	125.0000	250.0000	500.0000
240	95-50-1	1,2-Dichlorobenzene	5.0000	50.0000	125.0000	250.0000	500.0000
250	541-73-1	1,3-Dichlorobenzene	5.0000	50.0000	125.0000	250.0000	500.0000
260	106-46-7	1,4-Dichlorobenzene	5.0000	50.0000	125.0000	250.0000	500.0000
270	75-71-8	Dichlorodifluoromethane	5.0000	50.0000	125.0000	250.0000	500.0000
280	75-34-3	1,1-Dichloroethane	5.0000	50.0000	125.0000	250.0000	500.0000
290	107-06-2	1,2-Dichloroethane	5.0000	50.0000	125.0000	250.0000	500.0000
300	75-35-4	1,1-Dichloroethene	5.0000	50.0000	125.0000	250.0000	500.0000
307	109-99-9	Tetrahydrofuran	25.0000	250.0000	625.0000	1250.0000	2500.0000
310	156-59-2	cis-1,2-Dichloroethene	5.0000	50.0000	125.0000	250.0000	500.0000
320	156-60-5	trans-1,2-Dichloroethene	5.0000	50.0000	125.0000	250.0000	500.0000
330	78-87-5	1,2-Dichloropropane	5.0000	50.0000	125.0000	250.0000	500.0000
340	142-28-9	1,3-Dichloropropane	5.0000	50.0000	125.0000	250.0000	500.0000
350	594-20-7	2,2-Dichloropropane	5.0000	50.0000	125.0000	250.0000	500.0000
360	563-58-6	1,1-Dichloropropene	5.0000	50.0000	125.0000	250.0000	500.0000
370	10061-01-5	cis-1,3-Dichloropropene	5.0000	50.0000	125.0000	250.0000	500.0000
380	10061-02-6	trans-1,3-Dichloropropene	5.0000	50.0000	125.0000	250.0000	500.0000
390	100-41-4	Ethylbenzene	5.0000	50.0000	125.0000	250.0000	500.0000
410	87-68-3	Hexachlorobutadiene	5.0000	50.0000	125.0000	250.0000	500.0000
418	591-78-6	2-Hexanone	25.0000	250.0000	625.0000	1250.0000	2500.0000
420	98-82-8	Isopropylbenzene	5.0000	50.0000	125.0000	250.0000	500.0000
430	99-87-6	p-Cymene	5.0000	50.0000	125.0000	250.0000	500.0000
440	75-09-2	Methylene chloride	5.0000	50.0000	125.0000	250.0000	500.0000
458	108-10-1	4-Methyl-2-pentanone	25.0000	250.0000	625.0000	1250.0000	2500.0000
460	91-20-3	Naphthalene	5.0000	50.0000	125.0000	250.0000	500.0000
470	103-65-1	n-Propylbenzene	5.0000	50.0000	125.0000	250.0000	500.0000
480	100-42-5	Styrene	5.0000	50.0000	125.0000	250.0000	500.0000
490	630-20-6	1,1,1,2-Tetrachloroethane	5.0000	50.0000	125.0000	250.0000	500.0000
500	79-34-5	1,1,2,2-Tetrachloroethane	5.0000	50.0000	125.0000	250.0000	500.0000
510	127-18-4	Tetrachloroethene	5.0000	50.0000	125.0000	250.0000	500.0000
520	108-88-3	Toluene	5.0000	50.0000	125.0000	250.0000	500.0000
530	87-61-6	1,2,3-Trichlorobenzene	5.0000	50.0000	125.0000	250.0000	500.0000
540	120-82-1	1,2,4-Trichlorobenzene	5.0000	50.0000	125.0000	250.0000	500.0000
550	71-55-6	1,1,1-Trichloroethane	5.0000	50.0000	125.0000	250.0000	500.0000
560	79-00-5	1,1,2-Trichloroethane	5.0000	50.0000	125.0000	250.0000	500.0000
570	79-01-6	Trichloroethene	5.0000	50.0000	125.0000	250.0000	500.0000
580	75-69-4	Trichlorofluoromethane	5.0000	50.0000	125.0000	250.0000	500.0000
590	96-18-4	1,2,3-Trichloropropane	5.0000	50.0000	125.0000	250.0000	500.0000
600	95-63-6	1,2,4-Trimethylbenzene	5.0000	50.0000	125.0000	250.0000	500.0000
610	108-67-8	1,3,5-Trimethylbenzene	5.0000	50.0000	125.0000	250.0000	500.0000
620	75-01-4	Vinyl chloride	5.0000	50.0000	125.0000	250.0000	500.0000
630	1330-20-7	Total Xylenes	15.0000	150.0000	375.0000	750.0000	1500.0000
646	SU107-06-2	1,2-Dichloroethane-D4	5.0000	50.0000	125.0000	250.0000	500.0000
648	2037-26-5	Toluene-D8	5.0000	50.0000	125.0000	250.0000	500.0000
650	460-00-4	p-Bromofluorobenzene	5.0000	50.0000	125.0000	250.0000	500.0000
660	SU95-50-1	1,2-Dichlorobenzene-d4	5.0000	50.0000	125.0000	250.0000	500.0000

ICC Profile Code: A00263 METHOD 8260 low 5ML PURGE (30% RSD/ 20% D) (continued)

Seq		Parameter	ng On Column Point 1	Point 2	Point 3	Point 4	Point 5
670	SU106-46-7	1,4-Dichlorobenzene-D4	0.0000	0.0000	0.0000	0.0000	0.0000
680	3114-55-4	Chlorobenzene-D5	0.0000	0.0000	0.0000	0.0000	0.0000
690	540-36-3	1,4-Difluorobenzene	0.0000	0.0000	0.0000	0.0000	0.0000
700	462-06-6	Fluorobenzene	0.0000	0.0000	0.0000	0.0000	0.0000
800	1634-04-4	Methyl-t-Butyl Ether (MTBE)	5.0000	50.0000	125.0000	250.0000	500.0000
805	75-43-4	Dichlorofluoromethane	5.0000	50.0000	125.0000	250.0000	500.0000
810	594-18-3	Dibromodichloromethane	5.0000	50.0000	125.0000	250.0000	500.0000
815	107-02-8	Acrolein	100.0000	1250.0000	2500.0000	5000.0000	10000.0000
820	76-13-1	1,1,2-Trichloro-1,2,2-trifluor	5.0000	50.0000	125.0000	250.0000	500.0000
825	107-13-1	Acrylonitrile	100.0000	1250.0000	2500.0000	5000.0000	10000.0000
830	80-62-6	Methyl methacrylate	5.0000	50.0000	125.0000	250.0000	500.0000
840	540-59-0	1,2-Dichloroethene (Total)	10.0000	100.0000	250.0000	500.0000	1000.0000
850	M/P XYLENE	m/p-Xylenes	10.0000	100.0000	250.0000	500.0000	1000.0000
860	95-47-6	o-Xylene	5.0000	50.0000	125.0000	250.0000	500.0000
870	108-05-4	Vinyl acetate	25.0000	250.0000	625.0000	1250.0000	2500.0000
880	110-75-8	2-Chloroethylvinyl ether	25.0000	250.0000	625.0000	1250.0000	2500.0000
890	110-57-6	trans-1,4-Dichloro-2-butene	25.0000	250.0000	625.0000	1250.0000	2500.0000
900	74-88-4	Iodomethane	5.0000	50.0000	125.0000	250.0000	500.0000
910	97-63-2	Ethyl methacrylate	5.0000	50.0000	125.0000	250.0000	500.0000
920	75-45-6	Chlorodifluoromethane	5.0000	50.0000	125.0000	250.0000	500.0000
930	544-10-5	1-Chlorohexane	5.0000	50.0000	125.0000	250.0000	500.0000
940	75-05-8	Acetonitrile	200.0000	2000.0000	5000.0000	10000.0000	20000.0000
950	60-29-7	Ethyl ether	5.0000	50.0000	125.0000	250.0000	500.0000
951	108-38-3	m-Xylene	10.0000	100.0000	250.0000	500.0000	1000.0000
952	106-42-3	p-Xylene	10.0000	100.0000	250.0000	500.0000	1000.0000
962	542-75-6	1,3-Dichloropropene (Total)	10.0000	100.0000	250.0000	500.0000	1000.0000
972	64-17-5	Ethanol	100.0000	1000.0000	2500.0000	5000.0000	10000.0000
982	141-78-6	Ethyl acetate	5.0000	50.0000	125.0000	250.0000	500.0000
992	107-05-1	3-Chloropropene (Allyl Chlor.)	5.0000	50.0000	125.0000	250.0000	500.0000
993	126-99-8	2-Chloro-1,3-butadiene	5.0000	50.0000	125.0000	250.0000	500.0000
994	54-28-81TIC	Bis(chloromethyl) ether (VOA T	5.0000	50.0000	125.0000	250.0000	500.0000

Data File: C:\MSDCHEM\1\DATA\122005\G7411.D
Acq On : 20 Dec 2005 14:25
Sample : VSTD001
Misc :
Integrator: RTE
Quant Time: Dec 20 14:58:13 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 20 14:56:38 2005
Response via : Initial Calibration
Data Path : C:\MSDCHEM\1\DATA\122005\
Operator : LH/TRB

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.81	114	388903	125.00	ng		0.00 131.16%
43) CI20	Chlorobenzene-D5	8.70	82	197830	125.00	ng		0.00 136.24%
63) CI30	1,4-Dichlorobenzene-	11.05	152	185577	125.00	ng		0.00 116.09%
System Monitoring Compounds								
26) CS87	Dibromofluoromethane	5.10	111	4506	4.63	NG		0.00
Spiked Amount	125.000	Range	70 - 130	Recovery	=	3.70%#		
31) CS15	1,2-Dichloroethane-D	5.41	65	5885	4.70	ng		0.00
Spiked Amount	125.000	Range	73 - 136	Recovery	=	3.76%#		
44) CS05	Toluene-D8	7.22	98	18741	4.70	ng		0.00
Spiked Amount	125.000	Range	77 - 122	Recovery	=	3.76%#		
62) CS10	p-Bromofluorobenzene	9.94	174	5845	4.77	ng		0.00
Spiked Amount	125.000	Range	74 - 120	Recovery	=	3.82%#		
Target Compounds								Qvalue
2) C290	Dichlorodifluorometh	1.50	85	7347	5.58	ng		100
3) C010	Chloromethane	1.60	50	10253	6.16	ng		89
4) C020	Vinyl chloride	1.73	62	9222	5.76	ng		96
5) C015	Bromomethane	2.04	94	5328	7.04	ng		83
6) C025	Chloroethane	2.15	64	5647	6.53	ng		100
7) C275	Trichlorofluorometha	2.39	101	10035	8.84	ng		95
8) C045	1,1-Dichloroethene	2.93	96	6277	5.49	ng		84
9) C030	Methylene chloride	3.43	84	12040	7.68	ng		93
10) C040	Carbon disulfide	3.14	76	18721	5.59	ng		93
11) C036	Acrolein	2.86	56	12618	119.80	ng		96
12) C038	Acrylonitrile	3.68	53	50196	102.09	ng		97
13) C035	Acetone	3.02	43	11768	27.82	ng		95
14) C300	Acetonitrile	3.31	41	40095	216.82	ng		97
15) C276	Iodomethane	3.09	142	9160	4.97	ng		97
16) C291	1,1,2-Trichloro-1,2,	2.96	101	5586	4.67	ng		91
17) C962	T-butyl Methyl Ether	3.69	73	21058	5.11	ng		90
18) C057	trans-1,2-Dichloroet	3.69	96	7004	5.46	ng	#	48
19) C255	Methyl Acetate	3.33	43	11448	6.10	ng		93
20) C050	1,1-Dichloroethane	4.08	63	12961	5.31	ng		95
21) C125	Vinyl Acetate	4.13	43	61612	23.65	ng		97
22) C051	2,2-Dichloropropane	4.63	77	10753	5.16	ng		98
23) C056	cis-1,2-Dichloroethe	4.64	96	7699	5.40	ng		88
24) C272	Tetrahydrofuran	4.94	42	11672	26.39	ng		91
25) C222	Bromochloromethane	4.88	128	3697	5.33	ng	#	78
27) C060	Chloroform	4.95	83	12654	5.36	ng		95
28) C115	1,1,1-Trichloroethan	5.10	97	10432	5.15	ng		95
29) C120	Carbon tetrachloride	5.25	117	8520	5.00	ng		98
30) C116	1,1-Dichloropropene	5.25	75	9172	5.01	ng		87
32) C165	Benzene	5.44	78	28886	5.40	ng		98
33) C065	1,2-Dichloroethane	5.48	62	10128	5.12	ng		93
34) C110	2-Butanone	4.67	43	18087	26.85	ng		98
35) C256	Cyclohexane	5.13	56	11721	4.94	ng	#	86
36) C150	Trichloroethene	6.05	95	7253	5.27	ng		83

Data File: C:\MSDCHEM\1\DATA\122005\G7411.D
Acq On : 20 Dec 2005 14:25
Sample : VSTD001
Misc :
Integrator: RTE
Quant Time: Dec 20 14:58:13 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 20 14:56:38 2005
Response via : Initial Calibration
Data Path : C:\MSDCHEM\1\DATA\122005\
Operator : LH/TRB

Internal Standards		R.T.	QIon	Response	Conc Units		Dev(Min) Rcv(Ar)
37) C140	1,2-Dichloropropane	6.27	63	7584	5.34 ng		95
38) C278	Dibromomethane	6.40	93	4190	5.21 ng		92
39) C130	Bromodichloromethane	6.55	83	8139	4.97 ng		97
40) C161	2-Chloroethylvinyl E	6.83	63	22691	24.13 ng		96
41) C012	Methylcyclohexane	6.21	83	12324	4.81 ng		90
42) C145	cis-1,3-Dichloroprop	6.97	75	10257	4.86 ng		92
45) C230	Toluene	7.29	92	18754	5.35 ng		94
46) C170	trans-1,3-Dichloropr	7.53	75	8955	4.51 ng		94
47) C284	Ethyl Methacrylate	7.60	69	8803	4.66 ng		94
48) C160	1,1,2-Trichloroethan	7.72	83	5205	5.23 ng		93
49) C210	4-Methyl-2-pentanone	7.12	43	36699	24.92 ng		98
50) C220	Tetrachloroethene	7.84	166	7863	5.29 ng		89
51) C221	1,3-Dichloropropane	7.89	76	11331	5.13 ng		97
52) C155	Dibromochloromethane	8.12	129	5558	4.74 ng		91
53) C163	1,2-Dibromoethane	8.24	107	6063	5.06 ng		96
54) C215	2-Hexanone	7.95	43	26502	25.22 ng		96
55) C235	Chlorobenzene	8.74	112	21181	5.36 ng		96
56) C281	1,1,1,2-Tetrachloroe	8.82	131	6428	4.96 ng		85
57) C240	Ethylbenzene	8.83	91	34873	5.22 ng		99
58) C246	m,p-Xylene	8.95	106	27717	10.66 ng		98
59) C247	o-Xylene	9.38	106	13351	5.22 ng		98
60) C245	Styrene	9.40	104	19918	4.90 ng		93
61) C180	Bromoform	9.62	173	2777	4.04 ng		99
64) C966	Isopropylbenzene	9.76	105	33395	5.08 ng		98
65) C301	Bromobenzene	10.09	156	8882	5.47 ng		85
66) C225	1,1,2,2-Tetrachloroe	10.10	83	7575	4.98 ng		94
67) C282	1,2,3-Trichloropropa	10.14	110	2709	5.51 ng		100
68) C283	t-1,4-Dichloro-2-But	10.17	51	3304	17.80 ng	#	23
69) C302	n-Propylbenzene	10.17	91	40994	5.02 ng		100
70) C303	2-Chlorotoluene	10.27	126	8533	5.40 ng		100
71) C289	4-Chlorotoluene	10.38	126	8763	5.33 ng		100
72) C304	1,3,5-Trimethylbenze	10.34	105	28647	5.13 ng		96
73) C306	tert-Butylbenzene	10.66	134	6399	5.13 ng	#	92
74) C307	1,2,4-Trimethylbenze	10.71	105	28777	5.08 ng		100
75) C308	sec-Butylbenzene	10.87	105	35328	5.11 ng		98
76) C260	1,3-Dichlorobenzene	10.99	146	16984	5.42 ng		95
77) C309	4-Isopropyltoluene	11.00	119	31215	4.99 ng		94
78) C267	1,4-Dichlorobenzene	11.08	146	17651	5.43 ng		95
79) C249	1,2-Dichlorobenzene	11.42	146	16866	5.45 ng		88
80) C310	n-Butylbenzene	11.38	91	29979	5.18 ng		100
81) C286	1,2-Dibromo-3-Chloro	12.12	75	1220	4.47 ng		81
82) C313	1,2,4-Trichlorobenze	12.82	180	15761	6.76 ng		90
83) C316	Hexachlorobutadiene	12.95	225	6681	6.47 ng		98
84) C314	Naphthalene	13.03	128	29427	6.09 ng		99
85) C934	1,2,3-Trichlorobenze	13.23	180	14460	7.08 ng		99

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

Data File: C:\MSDCHEM\1\DATA\122005\G7409.D
Acq On : 20 Dec 2005 13:40
Sample : VSTD010
Misc :
Integrator: RTE
Quant Time: Dec 20 15:02:57 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 20 14:56:38 2005
Response via : Initial Calibration
Data Path : C:\MSDCHEM\1\DATA\122005\
Operator : LH/TRB

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI10 1,4-Difluorobenzene	5.81	114	385985	125.00	ng		0.00 130.18%
43) CI20 Chlorobenzene-D5	8.70	82	194933	125.00	ng		0.00 134.25%
63) CI30 1,4-Dichlorobenzene-	11.06	152	183829	125.00	ng		0.00 115.00%
System Monitoring Compounds							
26) CS87 Dibromofluoromethane	5.10	111	51984	53.80	NG		0.00
Spiked Amount 125.000	Range 70 - 130		Recovery = 43.04%#				
31) CS15 1,2-Dichloroethane-D	5.41	65	65923	53.05	ng		0.00
Spiked Amount 125.000	Range 73 - 136		Recovery = 42.44%#				
44) CS05 Toluene-D8	7.22	98	210932	53.66	ng		0.00
Spiked Amount 125.000	Range 77 - 122		Recovery = 42.93%#				
62) CS10 p-Bromofluorobenzene	9.94	174	64542	53.44	ng		0.00
Spiked Amount 125.000	Range 74 - 120		Recovery = 42.75%#				
Target Compounds							Qvalue
2) C290 Dichlorodifluorometh	1.49	85	65838	50.39	ng		97
3) C010 Chloromethane	1.61	50	81644	49.41	ng		95
4) C020 Vinyl chloride	1.75	62	79897	50.24	ng		96
5) C015 Bromomethane	2.05	94	36150	48.13	ng		97
6) C025 Chloroethane	2.15	64	39237	45.68	ng		99
7) C275 Trichlorofluorometha	2.39	101	90889m	80.66	ng		97
8) C045 1,1-Dichloroethene	2.93	96	58725	51.77	ng		87
9) C030 Methylene chloride	3.44	84	72861	46.85	ng		89
10) C040 Carbon disulfide	3.14	76	170231	51.23	ng		98
11) C036 Acrolein	2.86	56	99475	951.57	ng		100
12) C038 Acrylonitrile	3.68	53	509341	1043.72	ng		99
13) C035 Acetone	3.02	43	104538	249.02	ng		98
14) C300 Acetonitrile	3.31	41	375911	2048.16	ng		100
15) C276 Iodomethane	3.09	142	95190	52.03	ng		95
16) C291 1,1,2-Trichloro-1,2,	2.96	101	61873	52.14	ng		92
17) C962 T-butyl Methyl Ether	3.69	73	212311	51.94	ng		91
18) C057 trans-1,2-Dichloroet	3.68	96	67034	52.65	ng	#	50
19) C255 Methyl Acetate	3.33	43	93331	50.12	ng		97
20) C050 1,1-Dichloroethane	4.09	63	124783	51.50	ng		96
21) C125 Vinyl Acetate	4.13	43	666566	257.83	ng		97
22) C051 2,2-Dichloropropane	4.63	77	108158	52.32	ng		93
23) C056 cis-1,2-Dichloroethe	4.64	96	73342	51.79	ng		96
24) C272 Tetrahydrofuran	4.92	42	111502	253.99	ng		92
25) C222 Bromochloromethane	4.87	128	35345	51.33	ng		88
27) C060 Chloroform	4.95	83	119719	51.12	ng		96
28) C115 1,1,1-Trichloroethan	5.10	97	103955	51.68	ng		94
29) C120 Carbon tetrachloride	5.25	117	86868	51.40	ng		98
30) C116 1,1-Dichloropropene	5.25	75	94835	52.16	ng		92
32) C165 Benzene	5.44	78	273516	51.49	ng		100
33) C065 1,2-Dichloroethane	5.48	62	100012	50.90	ng		96
34) C110 2-Butanone	4.66	43	171370	256.34	ng		96
35) C256 Cyclohexane	5.14	56	121404	51.59	ng	#	86
36) C150 Trichloroethene	6.06	95	70911	51.94	ng		95

Data File: C:\MSDCHEM\1\DATA\122005\G7409.D
Acq On : 20 Dec 2005 13:40
Sample : VSTD010
Misc :
Integrator: RTE
Quant Time: Dec 20 15:02:57 2005

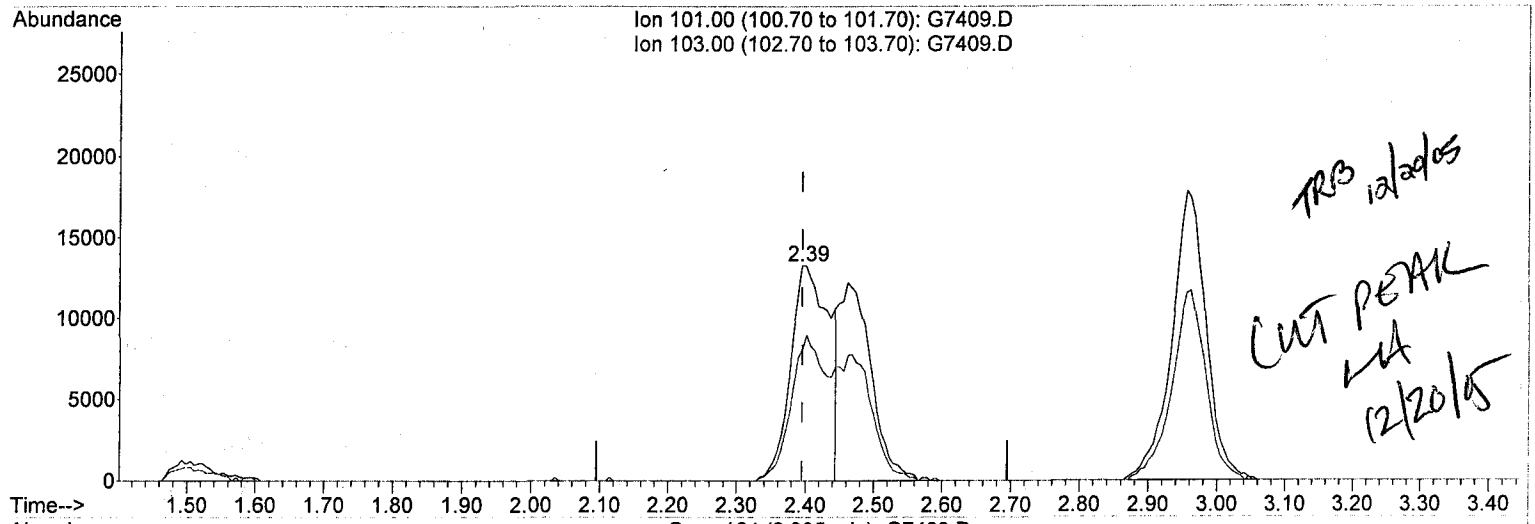
Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 20 14:56:38 2005
Response via : Initial Calibration
Data Path : C:\MSDCHEM\1\DATA\122005\
Operator : LH/TRB

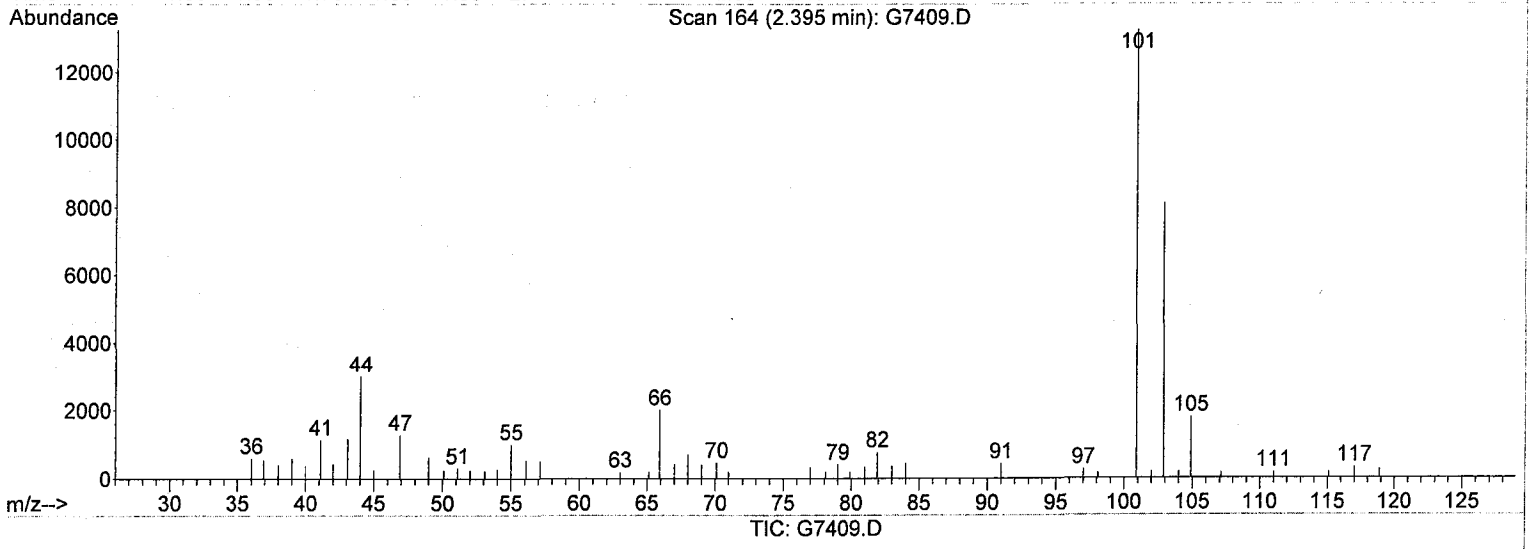
Internal Standards		R.T.	QIon	Response	Conc Units		Dev(Min) Rcv(Ar)
37) C140	1,2-Dichloropropane	6.27	63	71010	50.38 ng		96
38) C278	Dibromomethane	6.40	93	40181	50.31 ng		83
39) C130	Bromodichloromethane	6.56	83	81060	49.87 ng		95
40) C161	2-Chloroethylvinyl E	6.83	63	242414	259.73 ng		94
41) C012	Methylcyclohexane	6.22	83	130341	51.30 ng		88
42) C145	cis-1,3-Dichloroprop	6.97	75	106968	51.10 ng		97
45) C230	Toluene	7.29	92	175971	50.95 ng		97
46) C170	trans-1,3-Dichloropr	7.53	75	99172	50.70 ng		97
47) C284	Ethyl Methacrylate	7.60	69	94096	50.57 ng		98
48) C160	1,1,2-Trichloroethan	7.72	83	49861	50.87 ng		99
49) C210	4-Methyl-2-pentanone	7.11	43	377308	260.01 ng		99
50) C220	Tetrachloroethene	7.84	166	75657	51.67 ng		92
51) C221	1,3-Dichloropropane	7.89	76	110608	50.84 ng		98
52) C155	Dibromochloromethane	8.13	129	56135	48.63 ng		98
53) C163	1,2-Dibromoethane	8.24	107	59107	50.10 ng		99
54) C215	2-Hexanone	7.95	43	268464	259.32 ng		100
55) C235	Chlorobenzene	8.73	112	199431	51.20 ng		100
56) C281	1,1,1,2-Tetrachloroe	8.82	131	64884	50.84 ng		94
57) C240	Ethylbenzene	8.83	91	341694	51.93 ng		98
58) C246	m,p-Xylene	8.95	106	266432	103.97 ng		95
59) C247	o-Xylene	9.38	106	131493	52.16 ng		96
60) C245	Styrene	9.40	104	204875	51.10 ng		99
61) C180	Bromoform	9.62	173	32961	48.64 ng		97
64) C966	Isopropylbenzene	9.76	105	342372	52.58 ng		97
65) C301	Bromobenzene	10.09	156	82623	51.40 ng	#	86
66) C225	1,1,2,2-Tetrachloroe	10.10	83	76901	51.01 ng		99
67) C282	1,2,3-Trichloropropa	10.14	110	24873	51.09 ng		100
68) C283	t-1,4-Dichloro-2-But	10.17	51	42938	233.51 ng	#	52
69) C302	n-Propylbenzene	10.17	91	420132	51.91 ng		97
70) C303	2-Chlorotoluene	10.27	126	79971	51.05 ng		100
71) C289	4-Chlorotoluene	10.38	126	84257	51.72 ng		100
72) C304	1,3,5-Trimethylbenze	10.34	105	285954	51.70 ng		96
73) C306	tert-Butylbenzene	10.66	134	64427	52.17 ng		96
74) C307	1,2,4-Trimethylbenze	10.71	105	289418	51.58 ng		97
75) C308	sec-Butylbenzene	10.87	105	354302	51.72 ng		98
76) C260	1,3-Dichlorobenzene	10.99	146	161549	52.02 ng		99
77) C309	4-Isopropyltoluene	11.00	119	324372	52.38 ng		98
78) C267	1,4-Dichlorobenzene	11.08	146	164964	51.25 ng		96
79) C249	1,2-Dichlorobenzene	11.42	146	156420	51.03 ng		87
80) C310	n-Butylbenzene	11.38	91	295070	51.44 ng		98
81) C286	1,2-Dibromo-3-Chloro	12.12	75	13203	48.81 ng		91
82) C313	1,2,4-Trichlorobenze	12.82	180	119561	51.80 ng		99
83) C316	Hexachlorobutadiene	12.95	225	52857	51.67 ng		99
84) C314	Naphthalene	13.03	128	257257	53.73 ng		99
85) C934	1,2,3-Trichlorobenze	13.23	180	107993	53.41 ng		99

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

Data File: C:\MSDCHEM\1\DATA\122005\G7409.D
Acq On : 20 Dec 2005 13:40
Sample : VSTD010
Misc :
Integrator: RTE
Quant Time: Dec 20 14:58:07 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 20 14:56:38 2005
Response via : Initial Calibration
Data Path : C:\MSDCHEM\1\DATA\122005\
Operator : LH/TRB





TIC: G7409.D

(7) C275 Trichlorofluoromethane (T)

2.39min (+0.000) 45.98ng

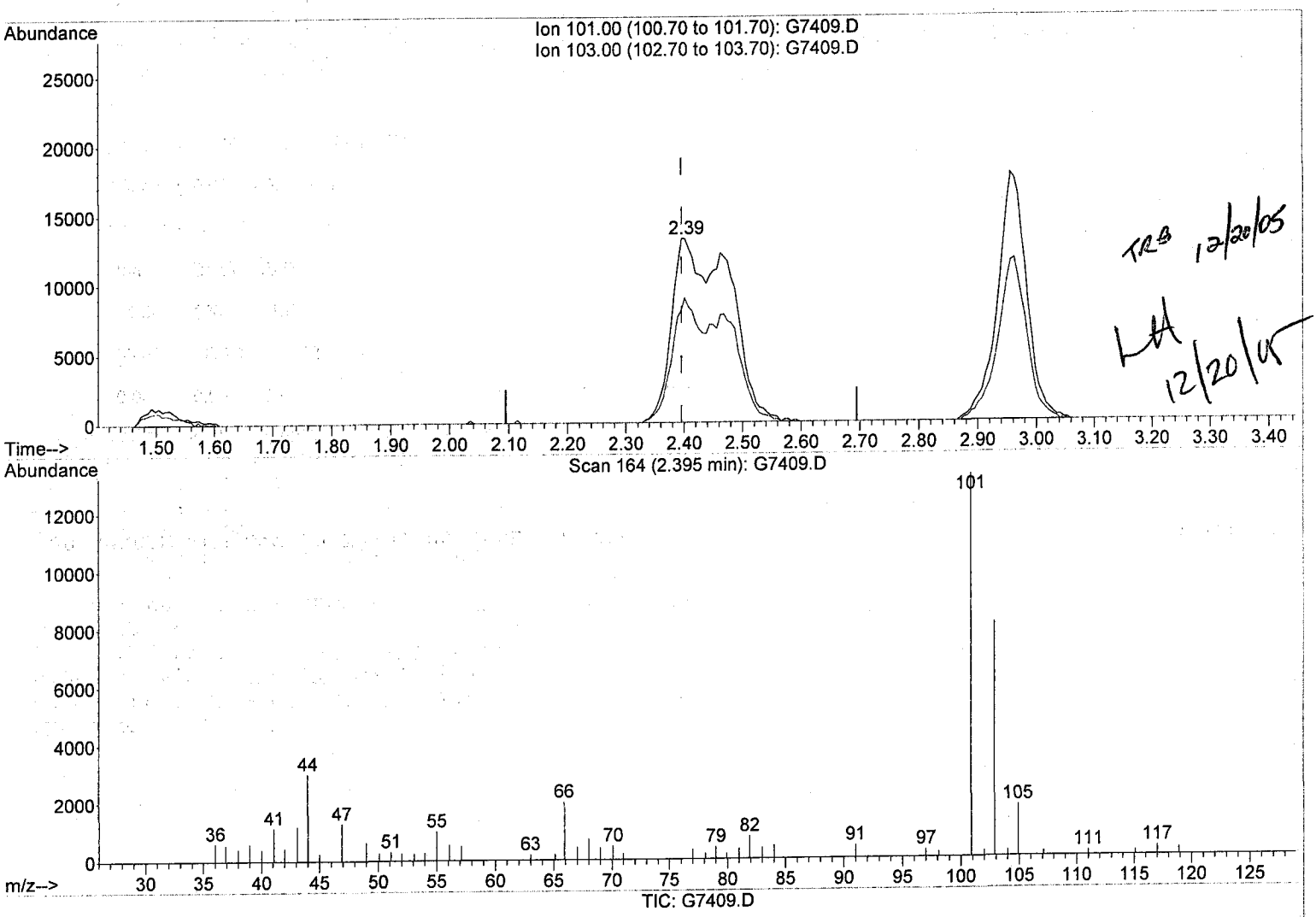
response 51810

Ion	Exp%	Act%
101.00	100	100
103.00	63.20	61.12
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File: C:\MSDCHEM\1\DATA\122005\G7409.D
Acq On : 20 Dec 2005 13:40
Sample : VSTD010
Misc :
Integrator: RTE
Quant Time: Dec 20 14:58:07 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 20 14:56:38 2005
Response via : Initial Calibration
Data Path : C:\MSDCHEM\1\DATA\122005\
Operator : LH/TRB



(7) C275 Trichlorofluoromethane (T)

2.39min (+0.000) 80.66ng m

response 90889

Ion	Exp%	Act%
101.00	100	100
103.00	63.20	61.12
0.00	0.00	0.00
0.00	0.00	0.00

Data File: C:\MSDCHEM\1\DATA\122005\G7408.D
Acq On : 20 Dec 2005 13:18
Sample : VSTD025
Misc :
Integrator: RTE
Quant Time: Dec 20 15:01:38 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 20 14:56:38 2005
Response via : Initial Calibration
Data Path : C:\MSDCHEM\1\DATA\122005\
Operator : LH/TRB

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.80	114	390432	125.00	ng		0.00 131.68%
43) CI20	Chlorobenzene-D5	8.70	82	194855	125.00	ng		0.00 134.19%
63) CI30	1,4-Dichlorobenzene-	11.05	152	187204	125.00	ng		0.00 117.11%
System Monitoring Compounds								
26) CS87	Dibromofluoromethane	5.10	111	114760	117.42	NG		0.00
Spiked Amount	125.000	Range	70 - 130		Recovery =	93.94%		
31) CS15	1,2-Dichloroethane-D	5.41	65	146429	116.50	ng		0.00
Spiked Amount	125.000	Range	73 - 136		Recovery =	93.20%		
44) CS05	Toluene-D8	7.22	98	470519	119.75	ng		0.00
Spiked Amount	125.000	Range	77 - 122		Recovery =	95.80%		
62) CS10	p-Bromofluorobenzene	9.94	174	144813	119.95	ng		0.00
Spiked Amount	125.000	Range	74 - 120		Recovery =	95.96%		
Target Compounds								Qvalue
2) C290	Dichlorodifluorometh	1.49	85	154033	116.54	ng		99
3) C010	Chloromethane	1.61	50	191261	114.44	ng		99
4) C020	Vinyl chloride	1.74	62	187658	116.66	ng		99
5) C015	Bromomethane	2.05	94	83627	110.08	ng		99
6) C025	Chloroethane	2.14	64	99025	113.98	ng		95
7) C275	Trichlorofluorometha	2.40	101	210740m	184.89	ng		97
8) C045	1,1-Dichloroethene	2.93	96	140531	122.48	ng		85
9) C030	Methylene chloride	3.43	84	170905	108.64	ng		91
10) C040	Carbon disulfide	3.14	76	398994	118.71	ng		97
11) C036	Acrolein	2.85	56	234028	2213.19	ng		98
12) C038	Acrylonitrile	3.68	53	1228931	2489.58	ng		100
13) C035	Acetone	3.02	43	256036	602.95	ng		98
14) C300	Acetonitrile	3.30	41	894442	4817.89	ng		100
15) C276	Iodomethane	3.08	142	232825	125.80	ng		97
16) C291	1,1,2-Trichloro-1,2,	2.96	101	147838	123.16	ng		92
17) C962	T-butyl Methyl Ether	3.68	73	513096	124.09	ng		92
18) C057	trans-1,2-Dichloroet	3.68	96	159976	124.22	ng	#	50
19) C255	Methyl Acetate	3.33	43	229025	121.60	ng		98
20) C050	1,1-Dichloroethane	4.08	63	303571	123.86	ng		98
21) C125	Vinyl Acetate	4.13	43	1636425	625.75	ng		96
22) C051	2,2-Dichloropropane	4.63	77	265924	127.17	ng		92
23) C056	cis-1,2-Dichloroethe	4.64	96	178503	124.61	ng		93
24) C272	Tetrahydrofuran	4.91	42	270446	609.03	ng		92
25) C222	Bromochloromethane	4.87	128	85671	123.00	ng		88
27) C060	Chloroform	4.95	83	293639	123.96	ng		98
28) C115	1,1,1-Trichloroethan	5.10	97	255121	125.38	ng		93
29) C120	Carbon tetrachloride	5.25	117	213776	125.05	ng		98
30) C116	1,1-Dichloropropene	5.24	75	233773	127.11	ng		87
32) C165	Benzene	5.44	78	664965	123.74	ng		99
33) C065	1,2-Dichloroethane	5.47	62	248081	124.81	ng		97
34) C110	2-Butanone	4.66	43	412783	610.41	ng		94
35) C256	Cyclohexane	5.13	56	294492	123.72	ng		86
36) C150	Trichloroethene	6.05	95	171137	123.93	ng		93

Data File: C:\MSDCHEM\1\DATA\122005\G7408.D
Acq On : 20 Dec 2005 13:18
Sample : VSTD025
Misc :
Integrator: RTE
Quant Time: Dec 20 15:01:38 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 20 14:56:38 2005
Response via : Initial Calibration
Data Path : C:\MSDCHEM\1\DATA\122005\
Operator : LH/TRB

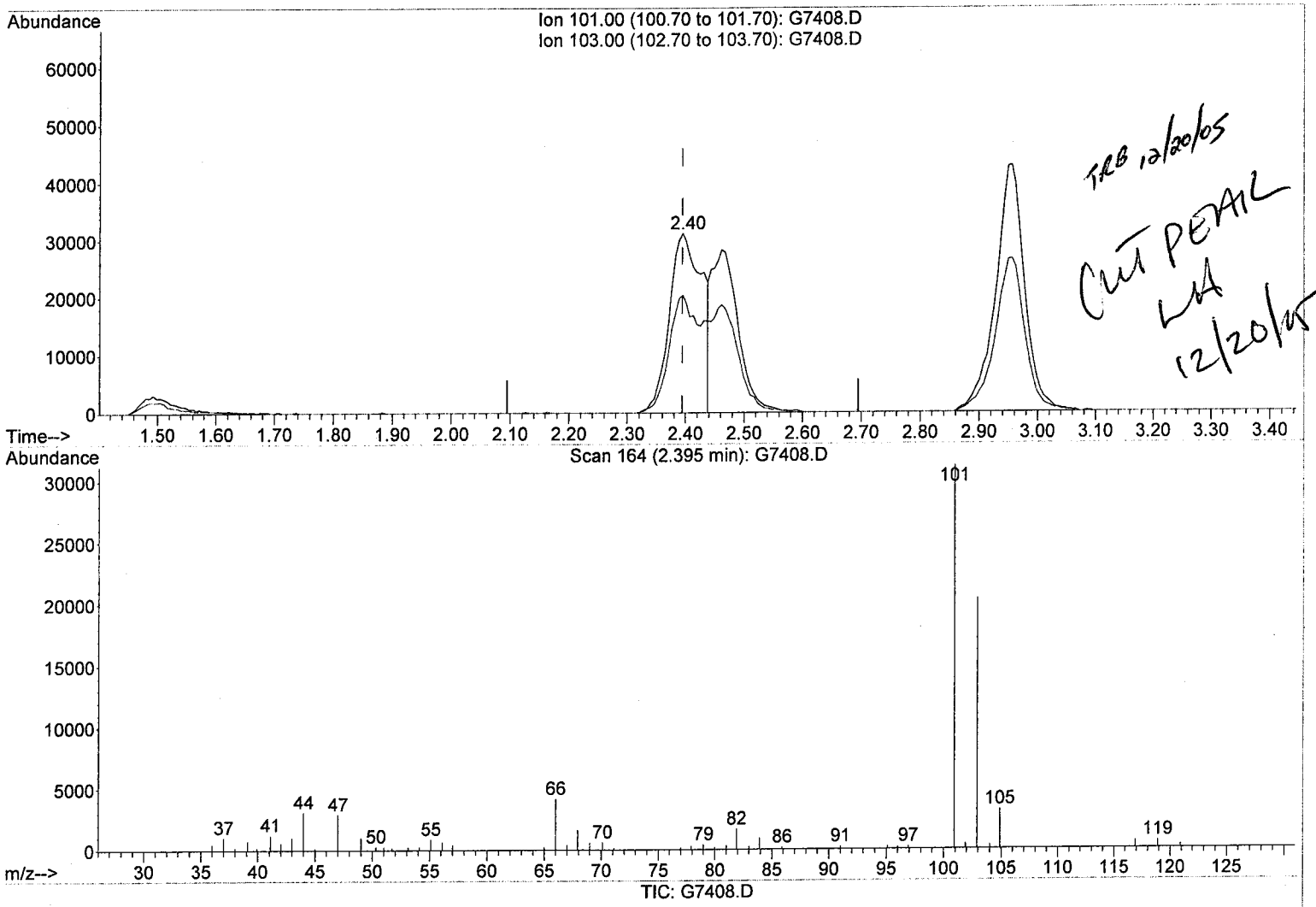
Internal Standards		R.T.	QIon	Response	Conc Units		Dev(Min) Rcv(Ar)
37) C140	1,2-Dichloropropane	6.27	63	173873	121.96 ng		97
38) C278	Dibromomethane	6.40	93	99651	123.34 ng		87
39) C130	Bromodichloromethane	6.55	83	205226	124.83 ng		95
40) C161	2-Chloroethylvinyl E	6.83	63	600107	635.65 ng		93
41) C012	Methylcyclohexane	6.21	83	321652	125.16 ng		89
42) C145	cis-1,3-Dichloroprop	6.97	75	265869	125.56 ng		99
45) C230	Toluene	7.29	92	434269	125.79 ng		98
46) C170	trans-1,3-Dichloropr	7.53	75	249336	127.52 ng		93
47) C284	Ethyl Methacrylate	7.60	69	236709	127.26 ng		99
48) C160	1,1,2-Trichloroethan	7.72	83	121318	123.82 ng		99
49) C210	4-Methyl-2-pentanone	7.11	43	913028	629.44 ng		99
50) C220	Tetrachloroethene	7.84	166	186217	127.22 ng		91
51) C221	1,3-Dichloropropane	7.88	76	272115	125.13 ng		99
52) C155	Dibromochloromethane	8.13	129	144350	125.11 ng		98
53) C163	1,2-Dibromoethane	8.24	107	148224	125.68 ng		100
54) C215	2-Hexanone	7.95	43	646861	625.08 ng		99
55) C235	Chlorobenzene	8.73	112	488753	125.52 ng		98
56) C281	1,1,1,2-Tetrachloroe	8.82	131	161955	126.95 ng		93
57) C240	Ethylbenzene	8.83	91	832141	126.52 ng		99
58) C246	m,p-Xylene	8.95	106	645558	252.03 ng		95
59) C247	o-Xylene	9.38	106	316758	125.70 ng		99
60) C245	Styrene	9.40	104	513886	128.24 ng		99
61) C180	Bromoform	9.62	173	86100	127.10 ng		98
64) C966	Isopropylbenzene	9.75	105	834612	125.86 ng		97
65) C301	Bromobenzene	10.08	156	203232	124.15 ng		93
66) C225	1,1,2,2-Tetrachloroe	10.10	83	191055	124.45 ng		100
67) C282	1,2,3-Trichloropropa	10.14	110	61013	123.06 ng		100
68) C283	t-1,4-Dichloro-2-But	10.15	51	119118	636.12 ng	#	63
69) C302	n-Propylbenzene	10.17	91	1048935	127.25 ng		97
70) C303	2-Chlorotoluene	10.27	126	198367	124.35 ng		100
71) C289	4-Chlorotoluene	10.38	126	207032	124.78 ng		100
72) C304	1,3,5-Trimethylbenze	10.34	105	707332	125.58 ng		95
73) C306	tert-Butylbenzene	10.66	134	158192	125.78 ng		95
74) C307	1,2,4-Trimethylbenze	10.71	105	719790	125.96 ng		96
75) C308	sec-Butylbenzene	10.87	105	879746	126.10 ng		96
76) C260	1,3-Dichlorobenzene	10.99	146	393940	124.56 ng		98
77) C309	4-Isopropyltoluene	11.00	119	803085	127.34 ng		98
78) C267	1,4-Dichlorobenzene	11.08	146	404003	123.24 ng		97
79) C249	1,2-Dichlorobenzene	11.42	146	384241	123.10 ng		89
80) C310	n-Butylbenzene	11.38	91	731820	125.27 ng		98
81) C286	1,2-Dibromo-3-Chloro	12.12	75	34009	123.46 ng		90
82) C313	1,2,4-Trichlorobenze	12.82	180	260502	110.82 ng		97
83) C316	Hexachlorobutadiene	12.95	225	120266	115.44 ng		98
84) C314	Naphthalene	13.03	128	536501	110.02 ng		99
85) C934	1,2,3-Trichlorobenze	13.23	180	220456	107.07 ng		96

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

Quantitation Report (Qedit)

Data File: C:\MSDCHEM\1\DATA\122005\G7408.D
Acq On : 20 Dec 2005 13:18
Sample : VSTD025
Misc :
Integrator: RTE
Quant Time: Dec 20 14:58:01 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 20 14:56:38 2005
Response via : Initial Calibration
Data Path : C:\MSDCHEM\1\DATA\122005\
Operator : LH/TRB



TRB 12/20/05
CUT PEAK
LH
12/20/05

(7) C275 Trichlorofluoromethane (T)

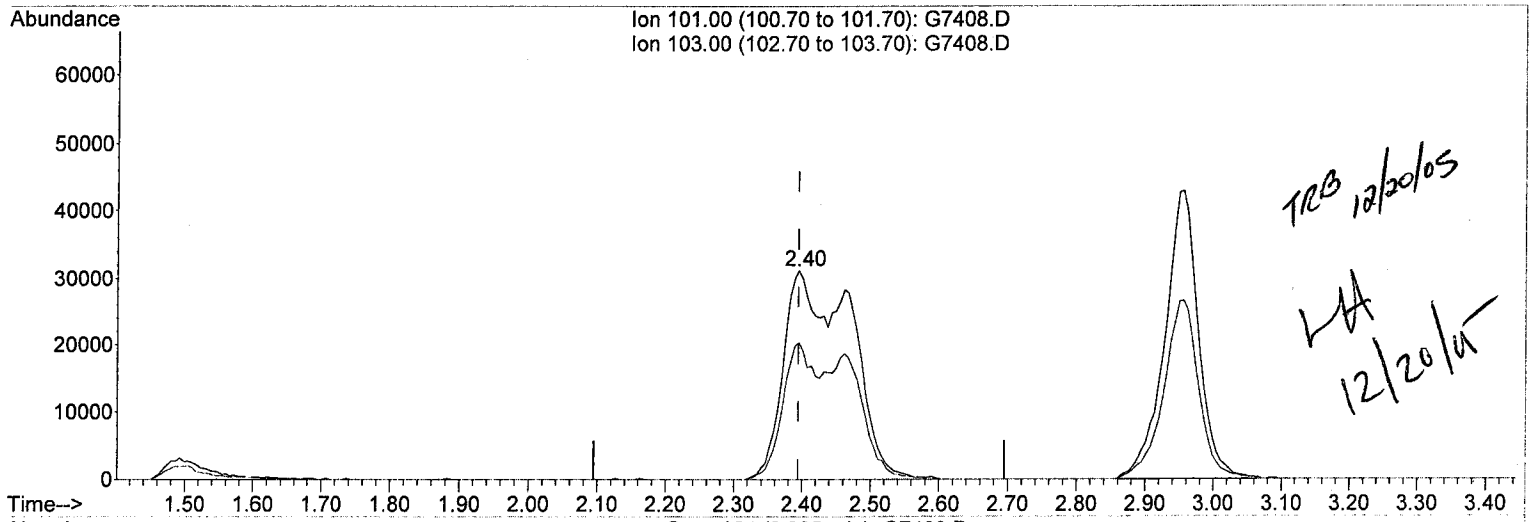
2.40min (+0.000) 106.75ng

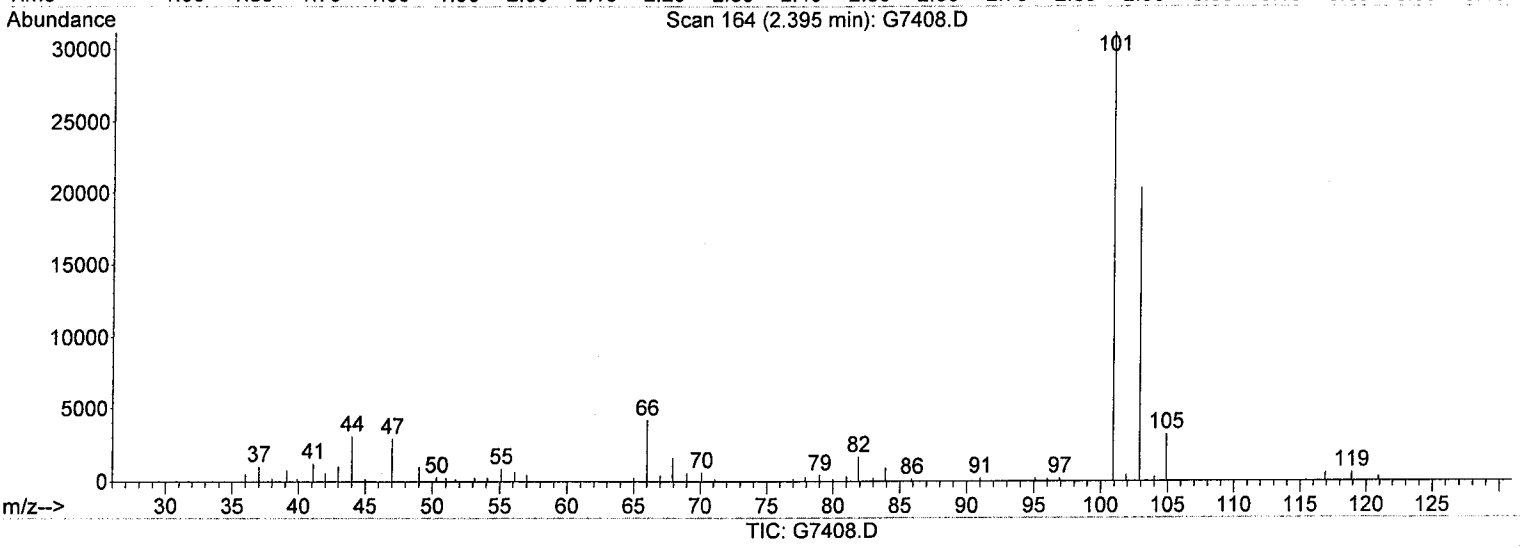
response 121676

Ion	Exp%	Act%
101.00	100	100
103.00	63.20	65.32
0.00	0.00	0.00
0.00	0.00	0.00

Data File: C:\MSDCHEM\1\DATA\122005\G7408.D
Acq On : 20 Dec 2005 13:18
Sample : VSTD025
Misc :
Integrator: RTE
Quant Time: Dec 20 14:58:01 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 20 14:56:38 2005
Response via : Initial Calibration
Data Path : C:\MSDCHEM\1\DATA\122005\
Operator : LH/TRB





TIC: G7408.D

(7) C275 Trichlorofluoromethane (T)

2.40min (+0.000) 184.89ng m

response 210740

Ion	Exp%	Act%
101.00	100	100
103.00	63.20	65.32
0.00	0.00	0.00
0.00	0.00	0.00

Data File: C:\MSDCHEM\1\DATA\122005\G7406.D
Acq On : 20 Dec 2005 11:27
Sample : VSTD050
Misc :
Integrator: RTE
Quant Time: Dec 20 14:58:37 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 20 14:56:38 2005
Response via : Initial Calibration
Data Path : C:\MSDCHEM\1\DATA\122005\
Operator : LH/TRB

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.81	114	383133	125.00	ng	0.00 129.21%
43) CI20	Chlorobenzene-D5	8.70	82	193571	125.00	ng	0.00 133.31%
63) CI30	1,4-Dichlorobenzene-	11.06	152	186771	125.00	ng	0.00 116.84%
System Monitoring Compounds							
26) CS87	Dibromofluoromethane	5.10	111	233872	243.86	NG	0.00
Spiked Amount	125.000	Range	70 - 130	Recovery	=	195.09%#	
31) CS15	1,2-Dichloroethane-D	5.41	65	300407	243.56	ng	0.00
Spiked Amount	125.000	Range	73 - 136	Recovery	=	194.85%#	
44) CS05	Toluene-D8	7.22	98	942280	241.41	ng	0.00
Spiked Amount	125.000	Range	77 - 122	Recovery	=	193.13%#	
62) CS10	p-Bromofluorobenzene	9.94	174	287723	239.91	ng	0.00
Spiked Amount	125.000	Range	74 - 120	Recovery	=	191.93%#	
Target Compounds							Qvalue
2) C290	Dichlorodifluorometh	1.49	85	325575	251.03	ng	97
3) C010	Chloromethane	1.63	50	386652	235.75	ng	97
4) C020	Vinyl chloride	1.77	62	383253	242.78	ng	99
5) C015	Bromomethane	2.05	94	163783	219.70	ng	100
6) C025	Chloroethane	2.15	64	197635	231.81	ng	100
7) C275	Trichlorofluorometha	2.47	101	439761m	393.18	ng	96
8) C045	1,1-Dichloroethene	2.93	96	267253	237.35	ng	88
9) C030	Methylene chloride	3.44	84	322227	208.73	ng	90
10) C040	Carbon disulfide	3.14	76	791928	240.10	ng	97
11) C036	Acrolein	2.86	56	495382	4774.05	ng	100
12) C038	Acrylonitrile	3.68	53	2414042	4983.55	ng	100
13) C035	Acetone	3.02	43	507027	1216.77	ng	98
14) C300	Acetonitrile	3.30	41	1787691	9812.80	ng	100
15) C276	Iodomethane	3.09	142	454069	250.01	ng	95
16) C291	1,1,2-Trichloro-1,2,	2.96	101	307657	261.18	ng	93
17) C962	T-butyl Methyl Ether	3.69	73	1007005	248.18	ng	92
18) C057	trans-1,2-Dichloroet	3.68	96	300905	238.09	ng	# 52
19) C255	Methyl Acetate	3.33	43	421558	228.09	ng	97
20) C050	1,1-Dichloroethane	4.09	63	580043	241.17	ng	98
21) C125	Vinyl Acetate	4.13	43	3327739	1296.74	ng	96
22) C051	2,2-Dichloropropane	4.63	77	491649	239.59	ng	92
23) C056	cis-1,2-Dichloroethe	4.64	96	336305	239.25	ng	92
24) C272	Tetrahydrofuran	4.91	42	540123	1239.49	ng	92
25) C222	Bromochloromethane	4.87	128	166526	243.65	ng	91
27) C060	Chloroform	4.95	83	562016	241.78	ng	96
28) C115	1,1,1-Trichloroethan	5.10	97	486229	243.52	ng	95
29) C120	Carbon tetrachloride	5.25	117	412825	246.09	ng	99
30) C116	1,1-Dichloropropene	5.25	75	440178	243.91	ng	88
32) C165	Benzene	5.44	78	1269683	240.78	ng	98
33) C065	1,2-Dichloroethane	5.48	62	481425	246.83	ng	95
34) C110	2-Butanone	4.66	43	811302	1222.58	ng	93
35) C256	Cyclohexane	5.14	56	594565	254.54	ng	86
36) C150	Trichloroethene	6.06	95	325692	240.34	ng	93

Data File: C:\MSDCHEM\1\DATA\122005\G7406.D
Acq On : 20 Dec 2005 11:27
Sample : VSTD050
Misc :
Integrator: RTE
Quant Time: Dec 20 14:58:37 2005

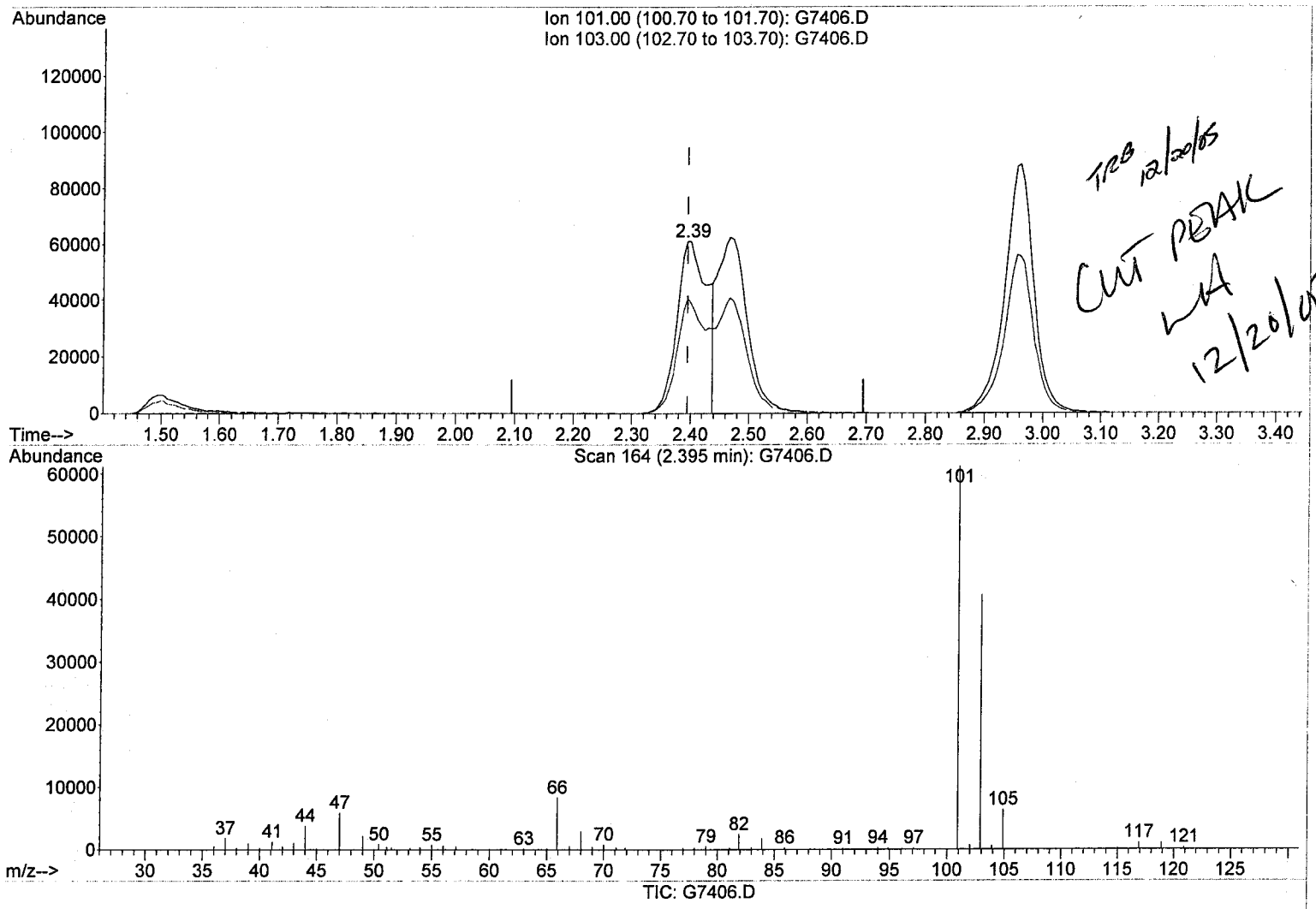
Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 20 14:56:38 2005
Response via : Initial Calibration
Data Path : C:\MSDCHEM\1\DATA\122005\
Operator : LH/TRB

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
37) C140	1,2-Dichloropropane	6.27	63	341935	244.42	ng		98
38) C278	Dibromomethane	6.40	93	196138	247.39	ng		88
39) C130	Bromodichloromethane	6.55	83	403510	250.11	ng		94
40) C161	2-Chloroethylvinyl E	6.83	63	1168499	1261.29	ng		94
41) C012	Methylcyclohexane	6.22	83	650316	257.87	ng		90
42) C145	cis-1,3-Dichloroprop	6.98	75	516191	248.43	ng		97
45) C230	Toluene	7.29	92	823728	240.17	ng		100
46) C170	trans-1,3-Dichloropr	7.53	75	498481	256.64	ng		94
47) C284	Ethyl Methacrylate	7.60	69	472931	255.95	ng		99
48) C160	1,1,2-Trichloroethan	7.72	83	237517	244.01	ng		99
49) C210	4-Methyl-2-pentanone	7.11	43	1794392	1245.26	ng		100
50) C220	Tetrachloroethene	7.84	166	347432	238.93	ng		92
51) C221	1,3-Dichloropropane	7.89	76	532272	246.39	ng		98
52) C155	Dibromochloromethane	8.13	129	293292	255.88	ng		99
53) C163	1,2-Dibromoethane	8.24	107	291390	248.71	ng		98
54) C215	2-Hexanone	7.95	43	1275141	1240.38	ng		100
55) C235	Chlorobenzene	8.73	112	925582	239.27	ng		98
56) C281	1,1,1,2-Tetrachloroe	8.82	131	315566	248.99	ng		93
57) C240	Ethylbenzene	8.83	91	1577680	241.46	ng		99
58) C246	m,p-Xylene	8.95	106	1214835	477.42	ng		96
59) C247	o-Xylene	9.38	106	601962	240.47	ng		96
60) C245	Styrene	9.40	104	988966	248.43	ng		99
61) C180	Bromoform	9.63	173	180997	268.97	ng		97
64) C966	Isopropylbenzene	9.76	105	1585612	239.67	ng		98
65) C301	Bromobenzene	10.08	156	384892	235.67	ng		95
66) C225	1,1,2,2-Tetrachloroe	10.10	83	378412	247.06	ng		100
67) C282	1,2,3-Trichloropropa	10.14	110	116094	234.71	ng		100
68) C283	t-1,4-Dichloro-2-But	10.15	51	261462	1399.51	ng	#	66
69) C302	n-Propylbenzene	10.17	91	1995604	242.66	ng		98
70) C303	2-Chlorotoluene	10.27	126	377502	237.19	ng		100
71) C289	4-Chlorotoluene	10.38	126	392823	237.31	ng		100
72) C304	1,3,5-Trimethylbenze	10.34	105	1361035	242.21	ng		98
73) C306	tert-Butylbenzene	10.66	134	302576	241.13	ng		95
74) C307	1,2,4-Trimethylbenze	10.71	105	1378112	241.72	ng		97
75) C308	sec-Butylbenzene	10.87	105	1680286	241.40	ng		97
76) C260	1,3-Dichlorobenzene	10.99	146	748633	237.26	ng		96
77) C309	4-Isopropyltoluene	11.00	119	1526068	242.54	ng		98
78) C267	1,4-Dichlorobenzene	11.08	146	778115	237.91	ng		97
79) C249	1,2-Dichlorobenzene	11.42	146	742937	238.57	ng		90
80) C310	n-Butylbenzene	11.38	91	1405287	241.11	ng		98
81) C286	1,2-Dibromo-3-Chloro	12.12	75	71294	259.41	ng		94
82) C313	1,2,4-Trichlorobenze	12.82	180	509093	217.07	ng		98
83) C316	Hexachlorobutadiene	12.95	225	229997	221.29	ng		98
84) C314	Naphthalene	13.03	128	1110728	228.31	ng		99
85) C934	1,2,3-Trichlorobenze	13.23	180	428606	208.64	ng		100

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

Data File: C:\MSDCHEM\1\DATA\122005\G7406.D
Acq On : 20 Dec 2005 11:27
Sample : VSTD050
Misc :
Integrator: RTE
Quant Time: Dec 20 14:57:55 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 20 14:56:38 2005
Response via : Initial Calibration
Data Path : C:\MSDCHEM\1\DATA\122005\
Operator : LH/TRB



TRB 12/20/05
CUT PEAK
LH
12/20/05

(7) C275 Trichlorofluoromethane (T)

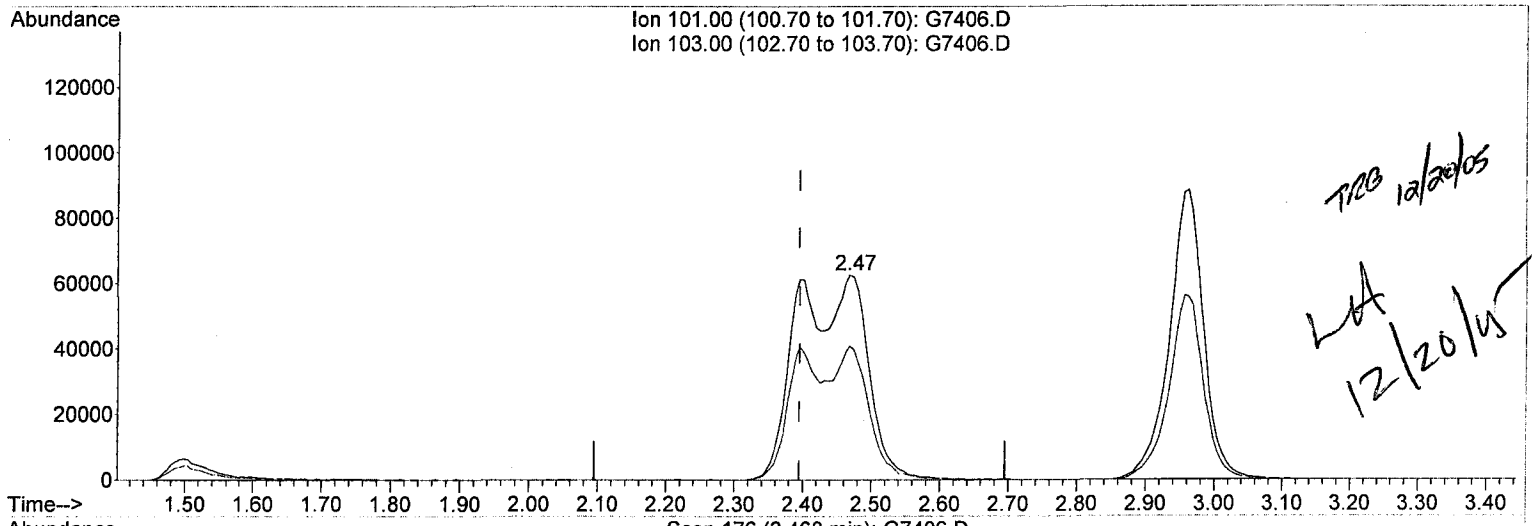
2.39min (+0.000) 196.96ng

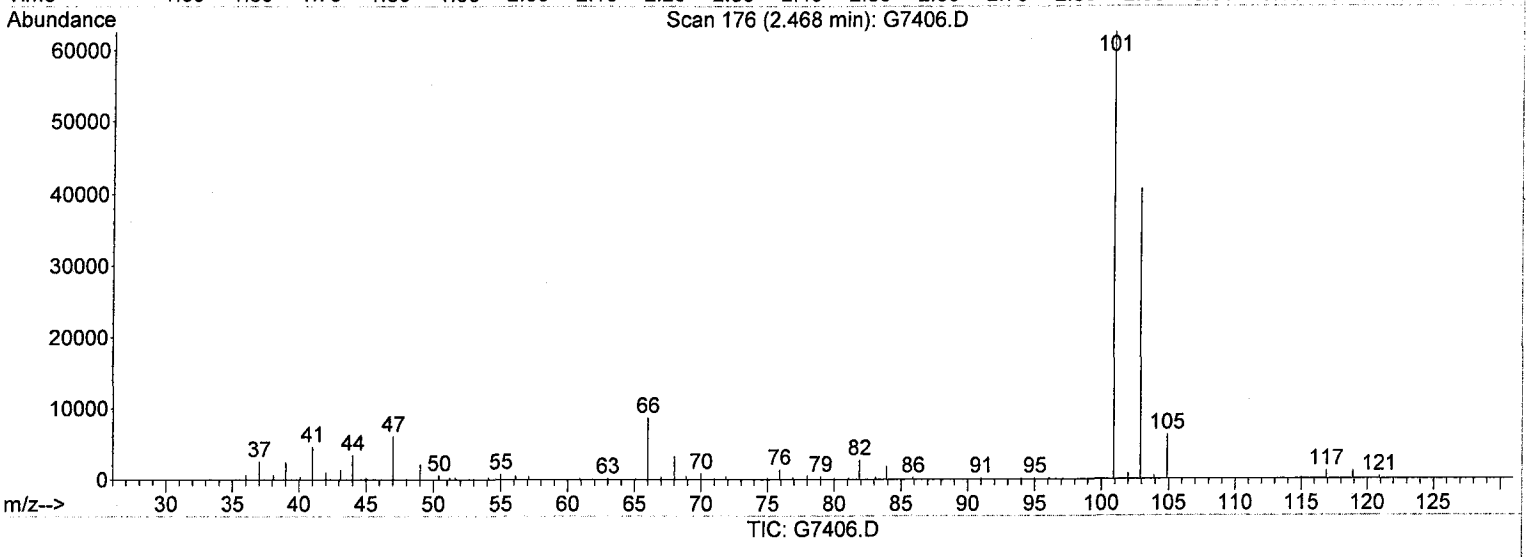
response 220300

Ion	Exp%	Act%
101.00	100	100
103.00	63.20	66.44
0.00	0.00	0.00
0.00	0.00	0.00

Data File: C:\MSDCHEM\1\DATA\122005\G7406.D
Acq On : 20 Dec 2005 11:27
Sample : VSTD050
Misc :
Integrator: RTE
Quant Time: Dec 20 14:57:55 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 20 14:56:38 2005
Response via : Initial Calibration
Data Path : C:\MSDCHEM\1\DATA\122005\
Operator : LH/TRB





TIC: G7406.D

(7) C275 Trichlorofluoromethane (T)

2.47min (+0.073) 393.18ng m

response 439761

Ion	Exp%	Act%
101.00	100	100
103.00	63.20	65.23
0.00	0.00	0.00
0.00	0.00	0.00

Data File: C:\MSDCHEM\1\DATA\122005\G7407.D
Acq On : 20 Dec 2005 11:50
Sample : VSTD100
Misc :
Integrator: RTE
Quant Time: Dec 20 15:00:09 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 20 14:56:38 2005
Response via : Initial Calibration
Data Path : C:\MSDCHEM\1\DATA\122005\
Operator : LH/TRB

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.81	114	396488	125.00	ng		0.00 133.72%
43) CI20	Chlorobenzene-D5	8.70	82	198746	125.00	ng		0.00 136.87%
63) CI30	1,4-Dichlorobenzene-	11.06	152	186826	125.00	ng		0.00 116.88%
System Monitoring Compounds								
26) CS87	Dibromofluoromethane	5.10	111	537599	541.68	NG		0.00
Spiked Amount	125.000	Range	70 - 130		Recovery =	433.34%#		
31) CS15	1,2-Dichloroethane-D	5.41	65	697344	546.33	ng		0.00
Spiked Amount	125.000	Range	73 - 136		Recovery =	437.06%#		
44) CS05	Toluene-D8	7.22	98	2131211	531.78	ng		0.00
Spiked Amount	125.000	Range	77 - 122		Recovery =	425.42%#		
62) CS10	p-Bromofluorobenzene	9.94	174	651517	529.10	ng		0.00
Spiked Amount	125.000	Range	74 - 120		Recovery =	423.28%#		
Target Compounds								Qvalue
2) C290	Dichlorodifluorometh	1.50	85	633030	471.65	ng		98
3) C010	Chloromethane	1.63	50	780422	459.82	ng		95
4) C020	Vinyl chloride	1.78	62	765712m	468.73	ng		0
5) C015	Bromomethane	2.06	94	335471	434.85	ng		99
6) C025	Chloroethane	2.16	64	415711	471.16	ng		100
7) C275	Trichlorofluorometha	2.47	101	868471m	750.32	ng		99
8) C045	1,1-Dichloroethene	2.94	96	545884	468.48	ng		88
9) C030	Methylene chloride	3.44	84	656833	411.15	ng		89
10) C040	Carbon disulfide	3.14	76	1616177	473.50	ng		97
11) C036	Acrolein	2.86	56	1088815	10139.58	ng		99
12) C038	Acrylonitrile	3.68	53	4726473	9428.68	ng		100
13) C035	Acetone	3.02	43	1024127	2374.93	ng		97
14) C300	Acetonitrile	3.31	41	3570604	18939.20	ng		100
15) C276	Iodomethane	3.09	142	901481	479.65	ng		95
16) C291	1,1,2-Trichloro-1,2,	2.97	101	605137	496.42	ng		92
17) C962	T-butyl Methyl Ether	3.69	73	2001349	476.62	ng		92
18) C057	trans-1,2-Dichloroet	3.69	96	594421	454.49	ng	#	53
19) C255	Methyl Acetate	3.33	43	854052	446.53	ng		97
20) C050	1,1-Dichloroethane	4.09	63	1185654	476.36	ng		98
21) C125	Vinyl Acetate	4.13	43	6533023	2460.01	ng		96
22) C051	2,2-Dichloropropane	4.63	77	1003945	472.76	ng		94
23) C056	cis-1,2-Dichloroethe	4.64	96	677223	465.55	ng		91
24) C272	Tetrahydrofuran	4.91	42	1085107	2406.26	ng		93
25) C222	Bromochloromethane	4.87	128	335592	474.47	ng		93
27) C060	Chloroform	4.95	83	1138060	473.10	ng		96
28) C115	1,1,1-Trichloroethan	5.10	97	991605	479.90	ng		95
29) C120	Carbon tetrachloride	5.25	117	856312	493.26	ng		100
30) C116	1,1-Dichloropropene	5.25	75	899152	481.44	ng		87
32) C165	Benzene	5.44	78	2559170	468.96	ng		98
33) C065	1,2-Dichloroethane	5.48	62	982104	486.56	ng		96
34) C110	2-Butanone	4.66	43	1623914	2364.70	ng		94
35) C256	Cyclohexane	5.14	56	1174359	485.82	ng		87
36) C150	Trichloroethene	6.06	95	668779	476.90	ng		94

Data File: C:\MSDCHEM\1\DATA\122005\G7407.D
Acq On : 20 Dec 2005 11:50
Sample : VSTD100
Misc :
Integrator: RTE
Quant Time: Dec 20 15:00:09 2005

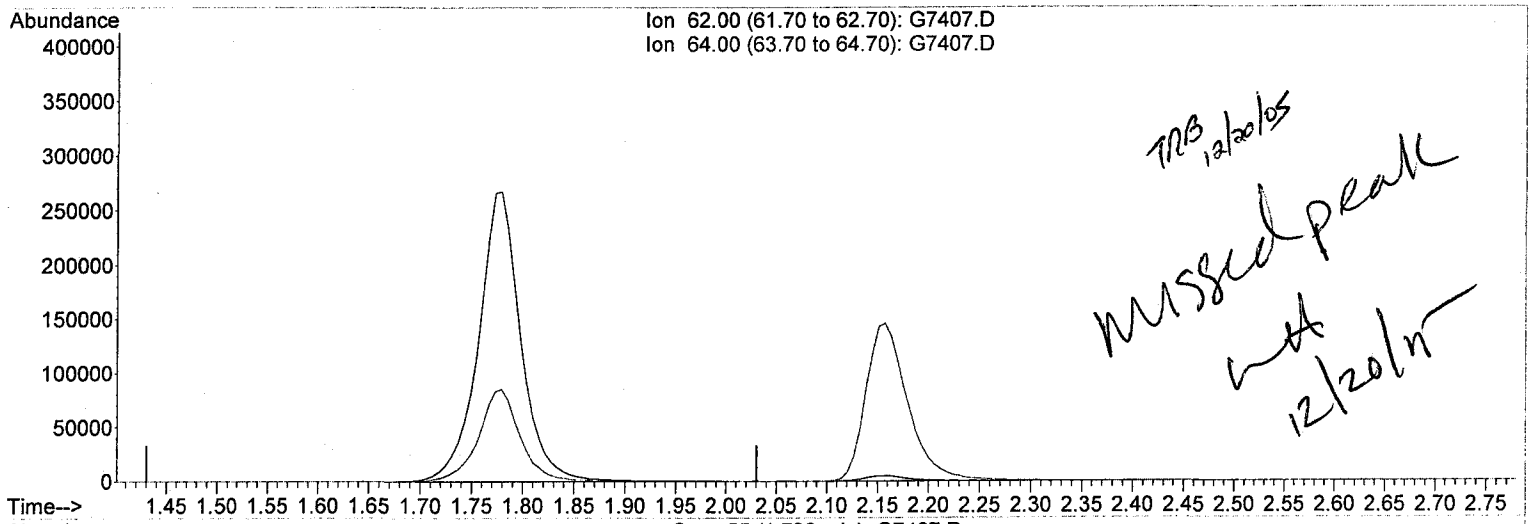
Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 20 14:56:38 2005
Response via : Initial Calibration
Data Path : C:\MSDCHEM\1\DATA\122005\
Operator : LH/TRB

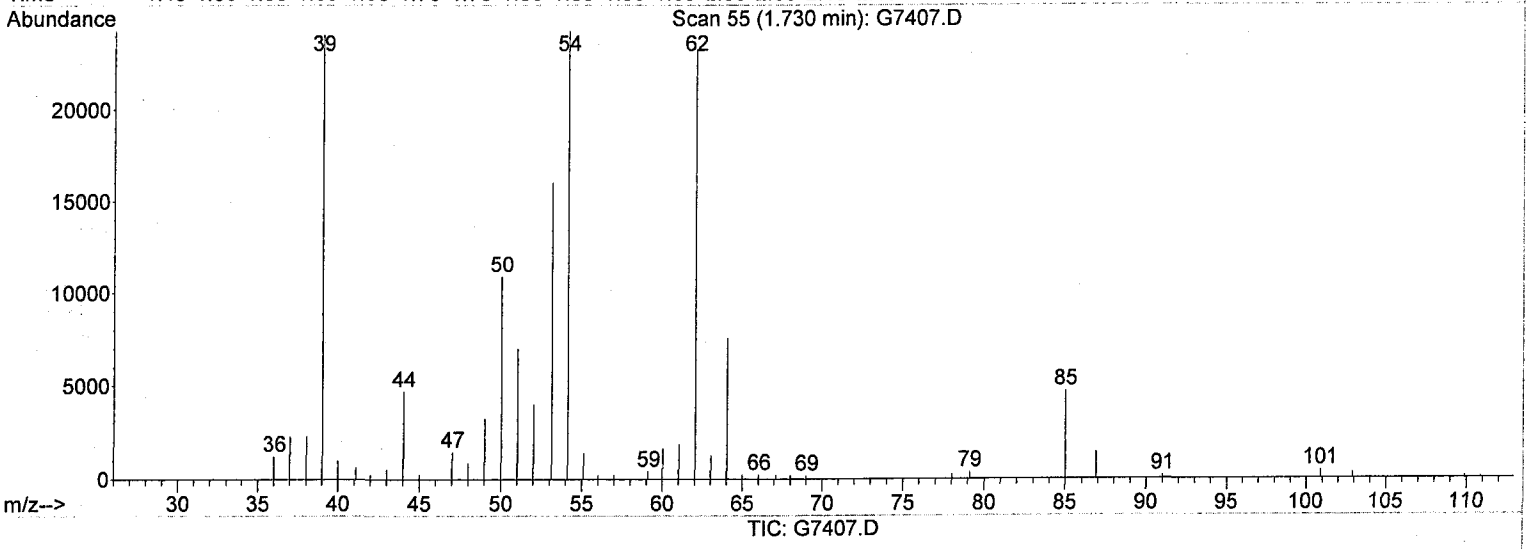
Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
37) C140	1,2-Dichloropropane	6.27	63	702747	485.41	ng		98
38) C278	Dibromomethane	6.41	93	400507	488.15	ng		83
39) C130	Bromodichloromethane	6.56	83	842621	504.70	ng		93
40) C161	2-Chloroethylvinyl E	6.83	63	2324498	2424.57	ng		94
41) C012	Methylcyclohexane	6.22	83	1276538	489.14	ng		90
42) C145	cis-1,3-Dichloroprop	6.98	75	1082827	503.58	ng		98
45) C230	Toluene	7.29	92	1662008	471.97	ng		99
46) C170	trans-1,3-Dichloropr	7.53	75	1034056	518.51	ng		95
47) C284	Ethyl Methacrylate	7.60	69	962147	507.16	ng		99
48) C160	1,1,2-Trichloroethan	7.72	83	484522	484.81	ng		98
49) C210	4-Methyl-2-pentanone	7.11	43	3550249	2399.62	ng		99
50) C220	Tetrachloroethene	7.84	166	697984	467.51	ng		95
51) C221	1,3-Dichloropropane	7.89	76	1075789	485.02	ng		100
52) C155	Dibromochloromethane	8.13	129	620264	527.05	ng		99
53) C163	1,2-Dibromoethane	8.24	107	592450	492.51	ng		99
54) C215	2-Hexanone	7.95	43	2538424	2404.93	ng		100
55) C235	Chlorobenzene	8.74	112	1873356	471.67	ng		98
56) C281	1,1,1,2-Tetrachloroe	8.82	131	637081	489.59	ng		95
57) C240	Ethylbenzene	8.83	91	3149411	469.46	ng		100
58) C246	m,p-Xylene	8.95	106	2433541	931.47	ng		97
59) C247	o-Xylene	9.38	106	1215062	472.75	ng		95
60) C245	Styrene	9.40	104	2001130	489.59	ng		98
61) C180	Bromoform	9.63	173	389309	563.46	ng		97
64) C966	Isopropylbenzene	9.76	105	3198827	483.38	ng		98
65) C301	Bromobenzene	10.08	156	769003	470.72	ng		98
66) C225	1,1,2,2-Tetrachloroe	10.10	83	766437	500.25	ng		99
67) C282	1,2,3-Trichloropropa	10.14	110	235634	476.24	ng		100
68) C283	t-1,4-Dichloro-2-But	10.15	51	567445	3036.44	ng	#	69
69) C302	n-Propylbenzene	10.17	91	3988953	484.91	ng		97
70) C303	2-Chlorotoluene	10.27	126	761241	478.15	ng		100
71) C289	4-Chlorotoluene	10.38	126	788660	476.30	ng		100
72) C304	1,3,5-Trimethylbenze	10.34	105	2715747	483.15	ng		97
73) C306	tert-Butylbenzene	10.66	134	602139	479.72	ng		97
74) C307	1,2,4-Trimethylbenze	10.71	105	2788349	488.94	ng		98
75) C308	sec-Butylbenzene	10.87	105	3375647	484.83	ng		98
76) C260	1,3-Dichlorobenzene	11.00	146	1468805	465.36	ng		97
77) C309	4-Isopropyltoluene	11.00	119	3036689	482.48	ng		99
78) C267	1,4-Dichlorobenzene	11.08	146	1556031	475.62	ng		96
79) C249	1,2-Dichlorobenzene	11.42	146	1479885	475.07	ng		90
80) C310	n-Butylbenzene	11.38	91	2825802	484.69	ng		99
81) C286	1,2-Dibromo-3-Chloro	12.12	75	151898	552.52	ng		94
82) C313	1,2,4-Trichlorobenze	12.82	180	1004748	428.29	ng		99
83) C316	Hexachlorobutadiene	12.95	225	449179	432.04	ng		98
84) C314	Naphthalene	13.03	128	2225133	457.25	ng		98
85) C934	1,2,3-Trichlorobenze	13.23	180	846463	411.93	ng		97

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

Data File: C:\MSDCHEM\1\DATA\122005\G7407.D
Acq On : 20 Dec 2005 11:50
Sample : VSTD100
Misc :
Integrator: RTE
Quant Time: Dec 20 14:57:46 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 20 14:56:38 2005
Response via : Initial Calibration
Data Path : C:\MSDCHEM\1\DATA\122005\
Operator : LH/TRB





TIC: G7407.D

(4) C020 Vinyl chloride (T)

1.73min (-1.730) 0.00ng

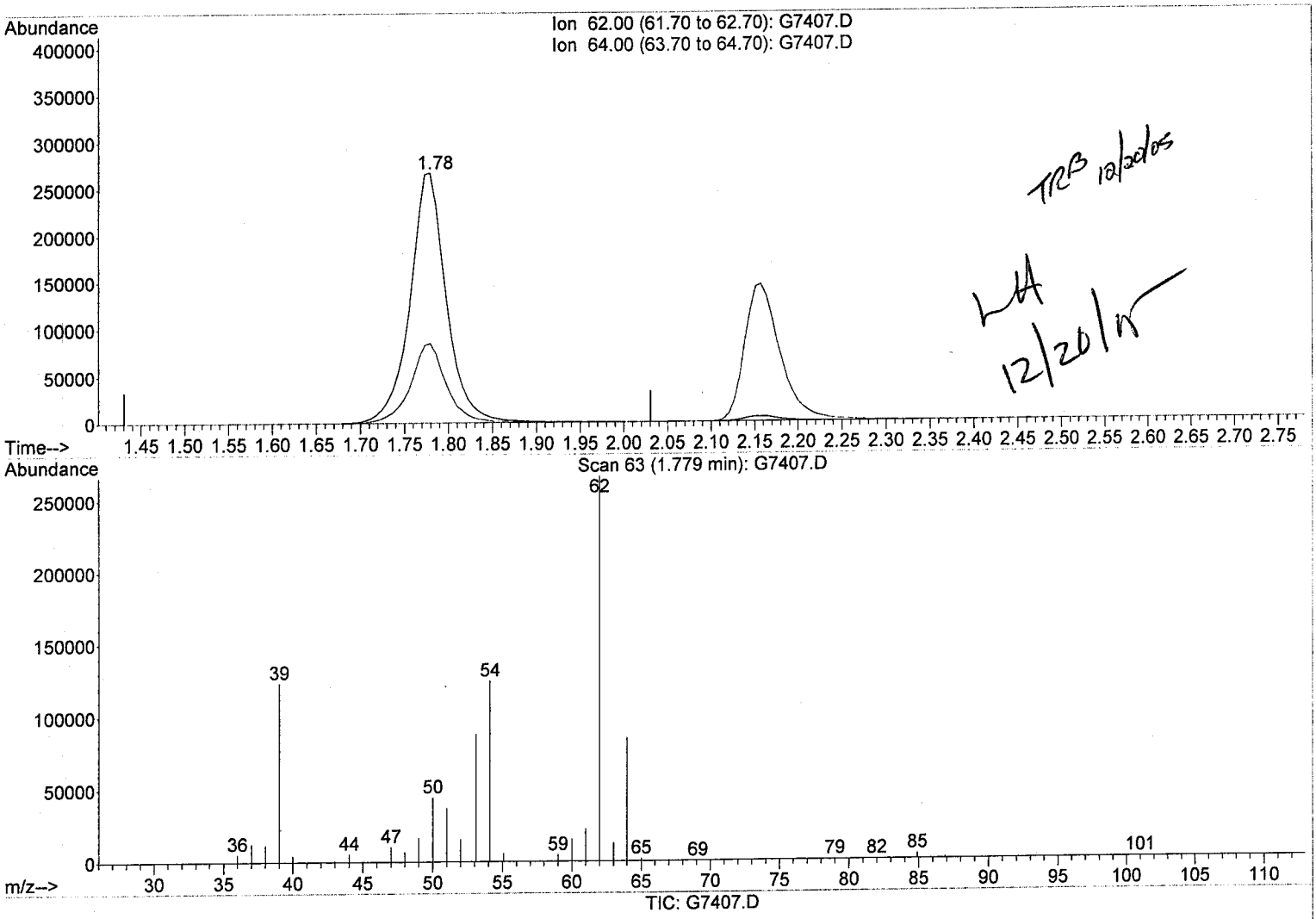
response 0

Ion	Exp%	Act%
62.00	100	0.00
64.00	29.90	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File: C:\MSDCHEM\1\DATA\122005\G7407.D
Acq On : 20 Dec 2005 11:50
Sample : VSTD100
Misc :
Integrator: RTE
Quant Time: Dec 20 14:57:46 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 20 14:56:38 2005
Response via : Initial Calibration
Data Path : C:\MSDCHEM\1\DATA\122005\
Operator : LH/TRB



(4) C020 Vinyl chloride (T)

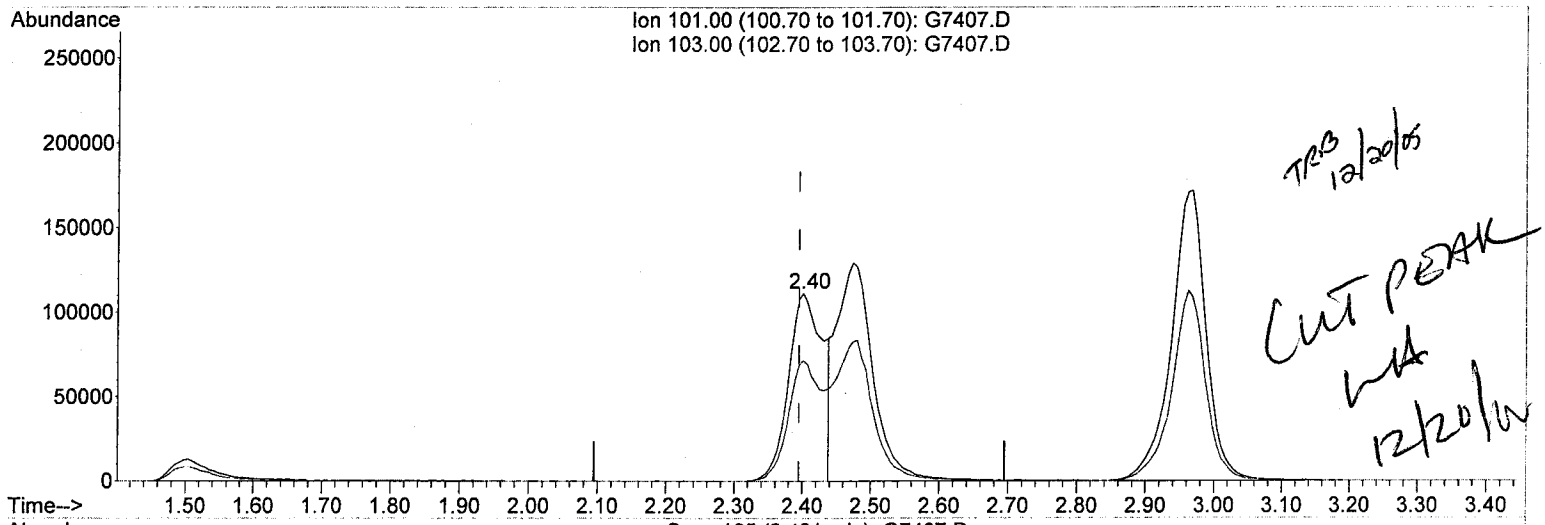
1.78min (+0.049) 468.73ng m

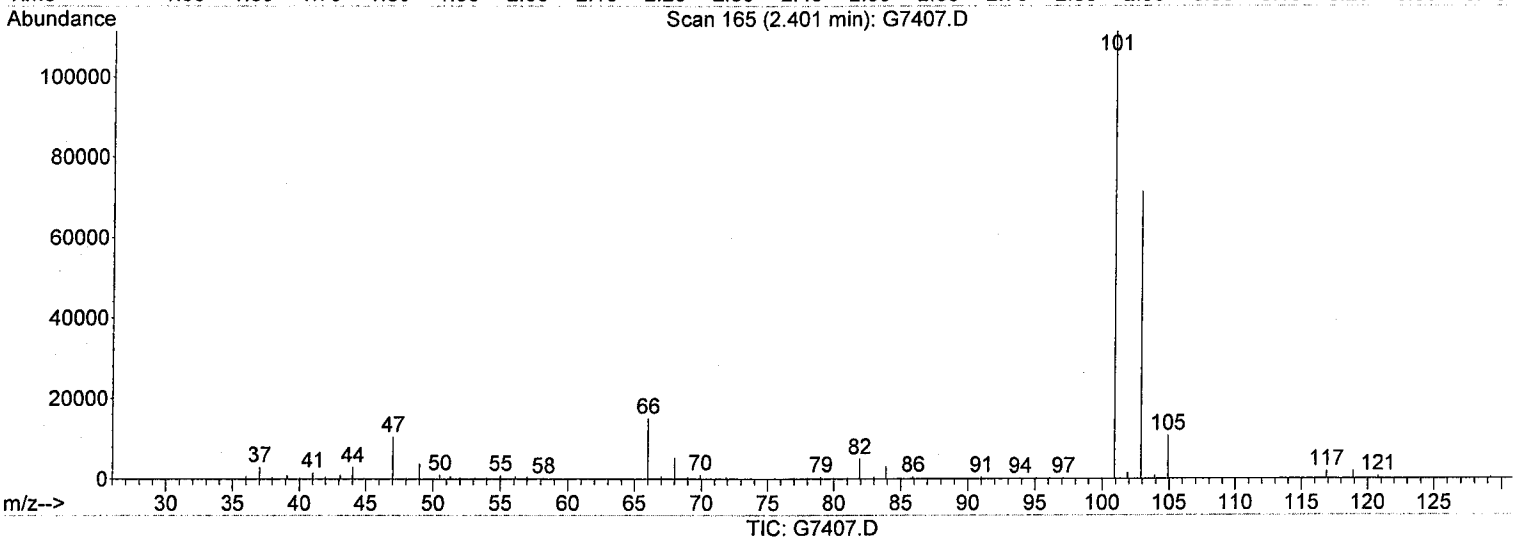
response 765712

Ion	Exp%	Act%
62.00	100	100
64.00	29.90	31.86
0.00	0.00	0.00
0.00	0.00	0.00

Data File: C:\MSDCHEM\1\DATA\122005\G7407.D
Acq On : 20 Dec 2005 11:50
Sample : VSTD100
Misc :
Integrator: RTE
Quant Time: Dec 20 14:57:46 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 20 14:56:38 2005
Response via : Initial Calibration
Data Path : C:\MSDCHEM\1\DATA\122005\
Operator : LH/TRB





(7) C275 Trichlorofluoromethane (T)

2.40min (+0.006) 335.38ng

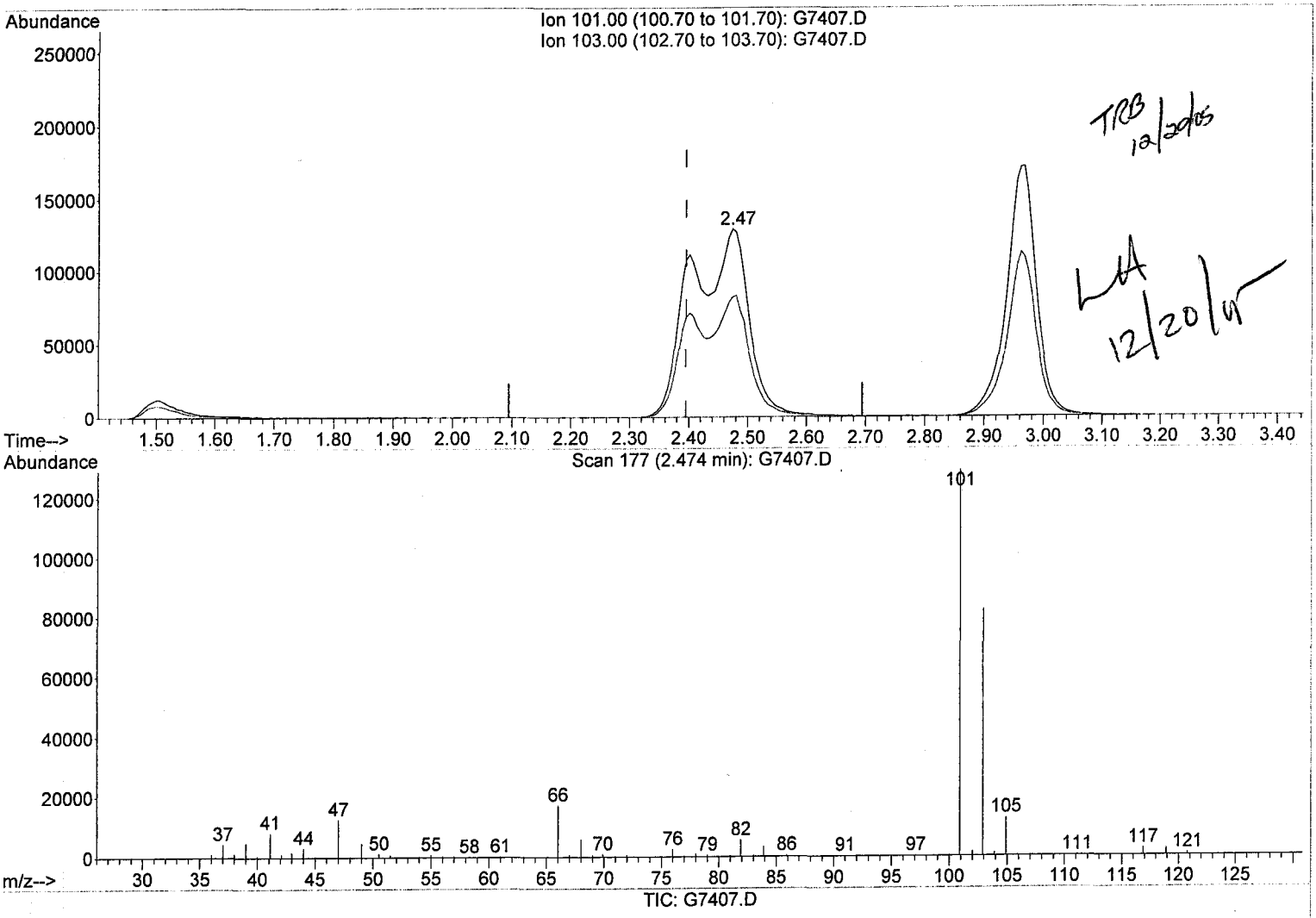
response 388189

Ion	Exp%	Act%
101.00	100	100
103.00	63.20	64.06
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File: C:\MSDCHEM\1\DATA\122005\G7407.D
Acq On : 20 Dec 2005 11:50
Sample : VSTD100
Misc :
Integrator: RTE
Quant Time: Dec 20 14:57:46 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 20 14:56:38 2005
Response via : Initial Calibration
Data Path : C:\MSDCHEM\1\DATA\122005\
Operator : LH/TRB



(7) C275 Trichlorofluoromethane (T)

2.47min (+0.079) 750.32ng m

response 868471

Ion	Exp%	Act%
101.00	100	100
103.00	63.20	63.70
0.00	0.00	0.00
0.00	0.00	0.00

METHOD 8260 - AQUEOUS (30% RSD/ 20% D)
INITIAL CALIBRATION DATA

Lab Name: STL Buffalo Contract: 4 Lab Sample ID: A5I0002444-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: _____

Intrument ID: HP5973Q Calibration Dates(s): 12/23/2005 12/23/2005

Heated Purge (Y/N): N Calibration Times: 09:01 11:46

GC Column: DB624 ID: 0.25(mm)

Lab File ID: RRF1 = Q9463.RR RRF10 = Q9461.RR
RRF25 = Q9458.RR RRF50 = Q9460.RR RRF100 = Q9459.RR

COMPOUND	RRF1	RRF10	RRF25	RRF50	RRF100	AVG RRF	% RSD
Chloromethane	0.236	0.261	0.296	0.305	0.310	0.2820	11.300
Bromomethane	0.073	0.104	0.113	0.105	0.102	0.0990	15.700
Vinyl chloride	0.196	0.264	0.292	0.300	0.300	0.2700	16.400
Chloroethane	0.049	0.107	0.118	0.121	0.122	0.1030	29.900
Methylene chloride	0.325	0.291	0.304	0.299	0.295	0.3030	4.400
Acetone	0.129	0.116	0.121	0.119	0.122	0.1210	3.900
Carbon Disulfide	0.828	0.801	0.861	0.872	0.852	0.8430	3.400
1,1-Dichloroethene	0.231	0.225	0.259	0.262	0.254	0.2460	7.000
1,1-Dichloroethane	0.561	0.530	0.564	0.563	0.545	0.5520	2.700
cis-1,2-Dichloroethene	0.328	0.302	0.331	0.328	0.318	0.3210	3.600
trans-1,2-Dichloroethene	0.281	0.276	0.300	0.298	0.286	0.2880	3.600
Chloroform	0.509	0.477	0.516	0.510	0.499	0.5020	3.000
1,2-Dichloroethane	0.390	0.401	0.432	0.430	0.425	0.4160	4.600
2-Butanone	0.201	0.201	0.208	0.208	0.209	0.2050	1.900
1,1,1-Trichloroethane	0.386	0.368	0.423	0.427	0.418	0.4040	6.500
Carbon Tetrachloride	0.310	0.304	0.372	0.380	0.374	0.3480	10.800
Bromodichloromethane	0.324	0.349	0.381	0.375	0.375	0.3610	6.600
1,2-Dichloropropane	0.329	0.319	0.337	0.335	0.325	0.3290	2.200
cis-1,3-Dichloropropene	0.485	0.486	0.532	0.524	0.525	0.5100	4.500
Trichloroethene	0.339	0.275	0.303	0.301	0.296	0.3020	7.600
Dibromochloromethane	0.291	0.334	0.360	0.371	0.367	0.3440	9.600
1,1,2-Trichloroethane	0.263	0.265	0.272	0.272	0.264	0.2670	1.700
Benzene	1.271	1.176	1.266	1.253	1.220	1.2370	3.200
trans-1,3-Dichloropropene	0.516	0.530	0.564	0.571	0.556	0.5470	4.300
Bromoform	0.421	0.475	0.516	0.552	0.556	0.5040	11.300
4-Methyl-2-pentanone	0.472	0.483	0.482	0.486	0.469	0.4780	1.500
2-Hexanone	0.340	0.342	0.348	0.354	0.345	0.3460	1.600
Tetrachloroethene	0.374	0.340	0.359	0.369	0.352	0.3590	3.800
1,1,2,2-Tetrachloroethane	0.966	0.945	0.993	0.966	0.921	0.9580	2.800
Toluene	0.895	0.854	0.905	0.911	0.879	0.8890	2.600
Chlorobenzene	1.058	0.982	1.036	1.040	1.001	1.0230	3.000
Ethylbenzene	1.576	1.478	1.527	1.548	1.456	1.5170	3.300
Styrene	0.955	0.996	1.037	1.043	1.018	1.0100	3.500
Total Xylenes	0.638	0.616	0.637	0.640	0.608	0.6280	2.300
1,1,2-Trichloro-1,2,2-trifl	0.167	0.195	0.225	0.231	0.228	0.2090	13.200
1,2,4-Trichlorobenzene	1.677	1.045	0.774	0.845	0.759	1.0200	37.700
1,2-Dibromo-3-chloropropane	0.148	0.176	0.187	0.192	0.192	0.1790	10.300

METHOD 8260 - AQUEOUS (30% RSD/ 20% D)
INITIAL CALIBRATION DATA

Lab Name: STL Buffalo Contract: 4 Lab Sample ID: A5I0002444-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: _____

Intrument ID: HP5973Q Calibration Dates(s): 12/23/2005 12/23/2005

Heated Purge (Y/N): N Calibration Times: 09:01 11:46

GC Column: DB624 ID: 0.25(mm)

Lab File ID: RRF1 = Q9463.RR RRF10 = Q9461.RR
RRF25 = Q9458.RR RRF50 = Q9460.RR RRF100 = Q9459.RR

COMPOUND	RRF1	RRF10	RRF25	RRF50	RRF100	AVG RRF	% RSD
1,2-Dibromoethane	0.331	0.342	0.359	0.361	0.354	0.3490	3.600
1,2-Dichlorobenzene	1.751	1.604	1.526	1.570	1.498	1.5900	6.200
1,3-Dichlorobenzene	1.761	1.636	1.522	1.584	1.486	1.5980	6.700
1,4-Dichlorobenzene	1.849	1.662	1.591	1.629	1.540	1.6540	7.100
Cyclohexane	0.386	0.395	0.407	0.435	0.421	0.4090	4.800
Dichlorodifluoromethane	0.109	0.206	0.253	0.264	0.272	0.2210	30.500
Methyl acetate	0.483	0.413	0.421	0.413	0.412	0.4280	7.200
Naphthalene	3.206	3.016	2.526	2.695	2.500	2.7890	11.200
Trichlorofluoromethane	0.222	0.281	0.334	0.341	0.347	0.3050	17.400
Methyl-t-Butyl Ether (MTBE)	0.932	0.959	0.970	0.973	0.977	0.9620	1.900
Isopropylbenzene	3.438	3.150	2.964	3.073	2.874	3.1000	7.000
Methylcyclohexane	0.630	0.367	0.318	0.353	0.330	0.4000	32.600
Toluene-D8	1.201	1.227	1.254	1.263	1.229	1.2350	2.000
p-Bromofluorobenzene	0.409	0.387	0.402	0.404	0.388	0.3980	2.500
1,2-Dichloroethane-D4	0.304	0.319	0.316	0.319	0.324	0.3160	2.400

Comments:

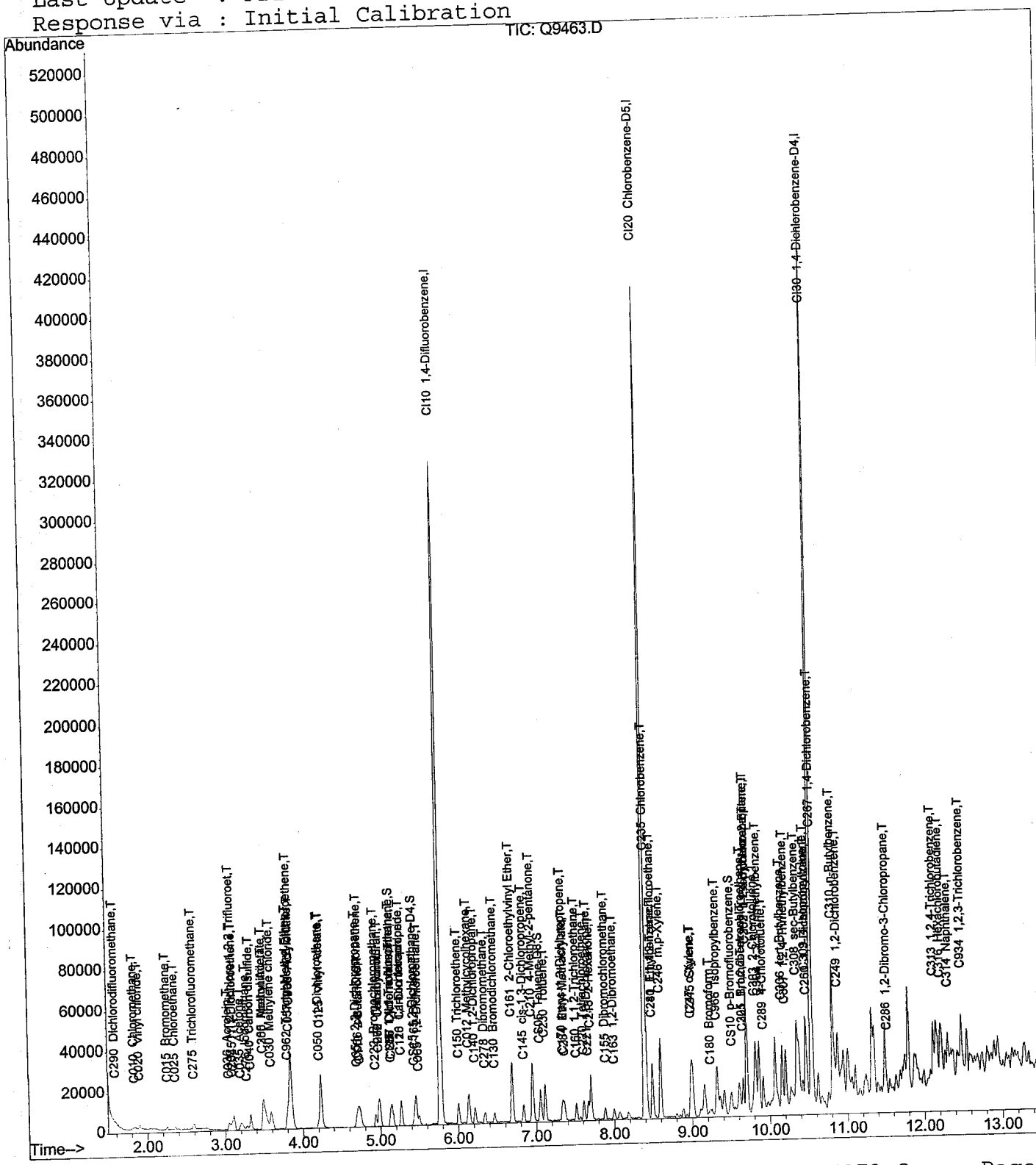
Quantitation Report

Data File : C:\HPCHEM\1\DATA\122305\Q9463.D
Acq On : 23 Dec 2005 11:46
Sample : VSTD001
Misc :
MS Integration Params: RTEINT.P
Quant Time: Dec 23 12:59 2005

Vial: 8
Operator: JMB
Inst : HP5973 Q
Multiplr: 1.00

Quant Results File: A5I02444.RES

Method : C:\HPCHEM\1\METHODS\Q8260\A5I02444.M (RTE Integrator)
Title : 8260 5ML
Last Update : Fri Dec 23 13:00:33 2005
Response via : Initial Calibration

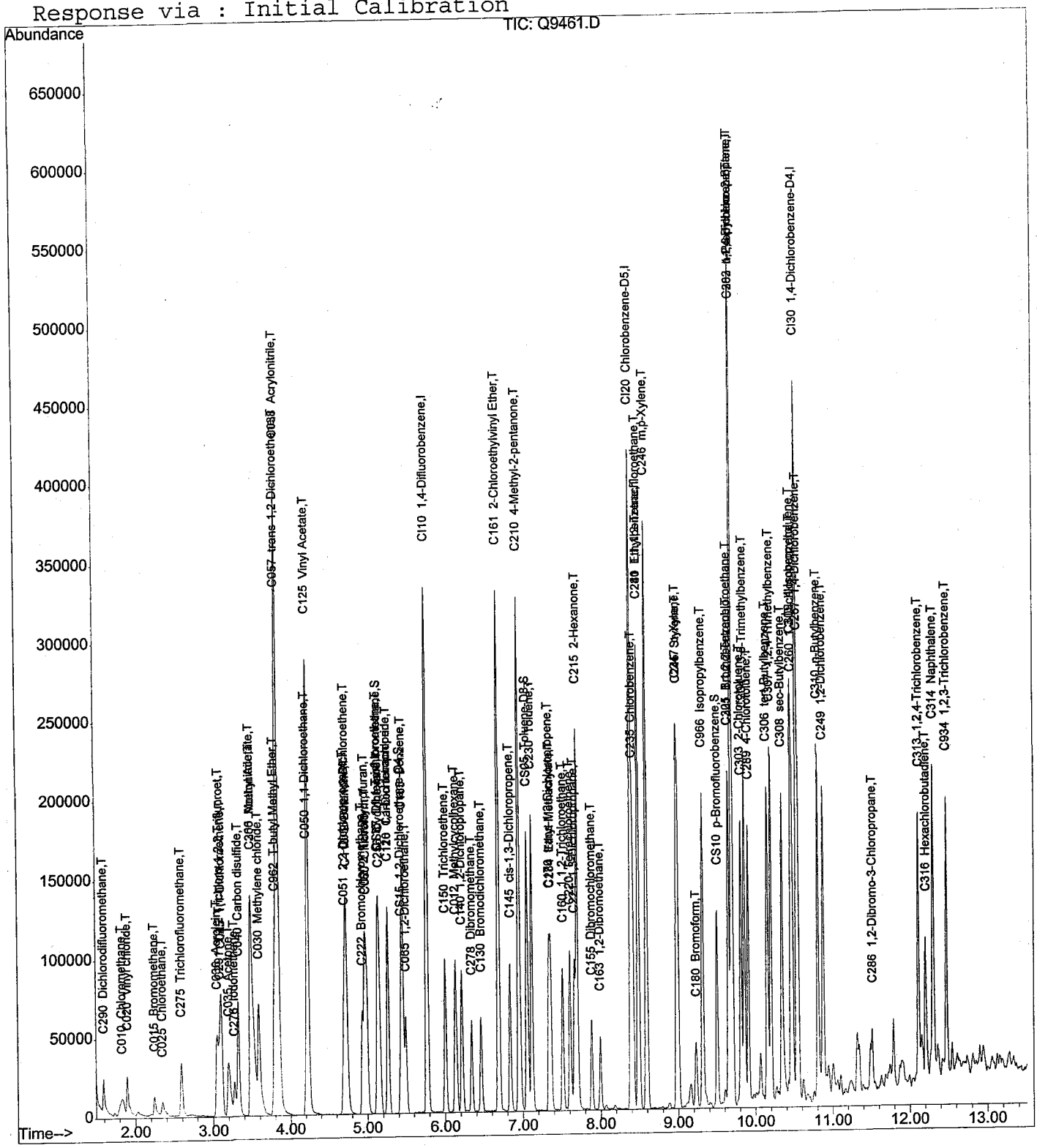


Data File : C:\HPCHEM\1\DATA\122305\Q9461.D
Acq On : 23 Dec 2005 10:26
Sample : VSTD010
Misc :
MS Integration Params: RTEINT.P
Quant Time: Dec 23 12:58 2005

Vial: 6
Operator: JMB
Inst : HP5973 Q
Multiplr: 1.00

Quant Results File: A5I02444.RES

Method : C:\HPCHEM\1\METHODS\Q8260\A5I02444.M (RTE Integrator)
Title : 8260 5ML
Last Update : Fri Dec 23 12:56:48 2005
Response via : Initial Calibration



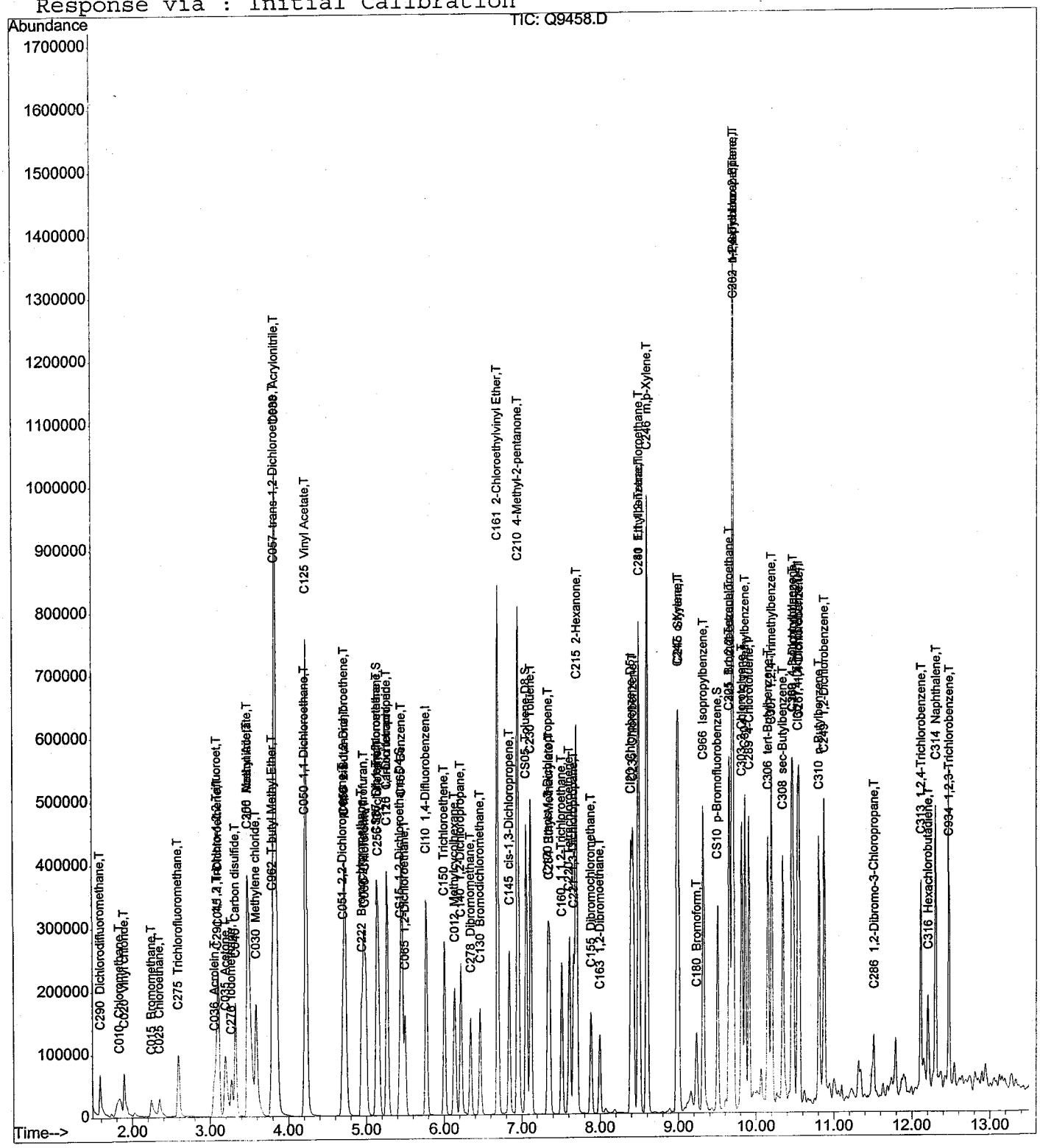
Quantitation Report

Data File : C:\HPCHEM\1\DATA\122305\Q9458.D
Acq On : 23 Dec 2005 9:01
Sample : VSTD025
Misc :
MS Integration Params: RTEINT.P
Quant Time: Dec 23 12:55 2005

Vial: 3
Operator: JMB
Inst : HP5973 Q
Multiplr: 1.00

Quant Results File: A5I02444.RES

Method : C:\HPCHEM\1\METHODS\Q8260\A5I02444.M (RTE Integrator)
Title : 8260 5ML
Last Update : Fri Dec 23 12:48:52 2005
Response via : Initial Calibration



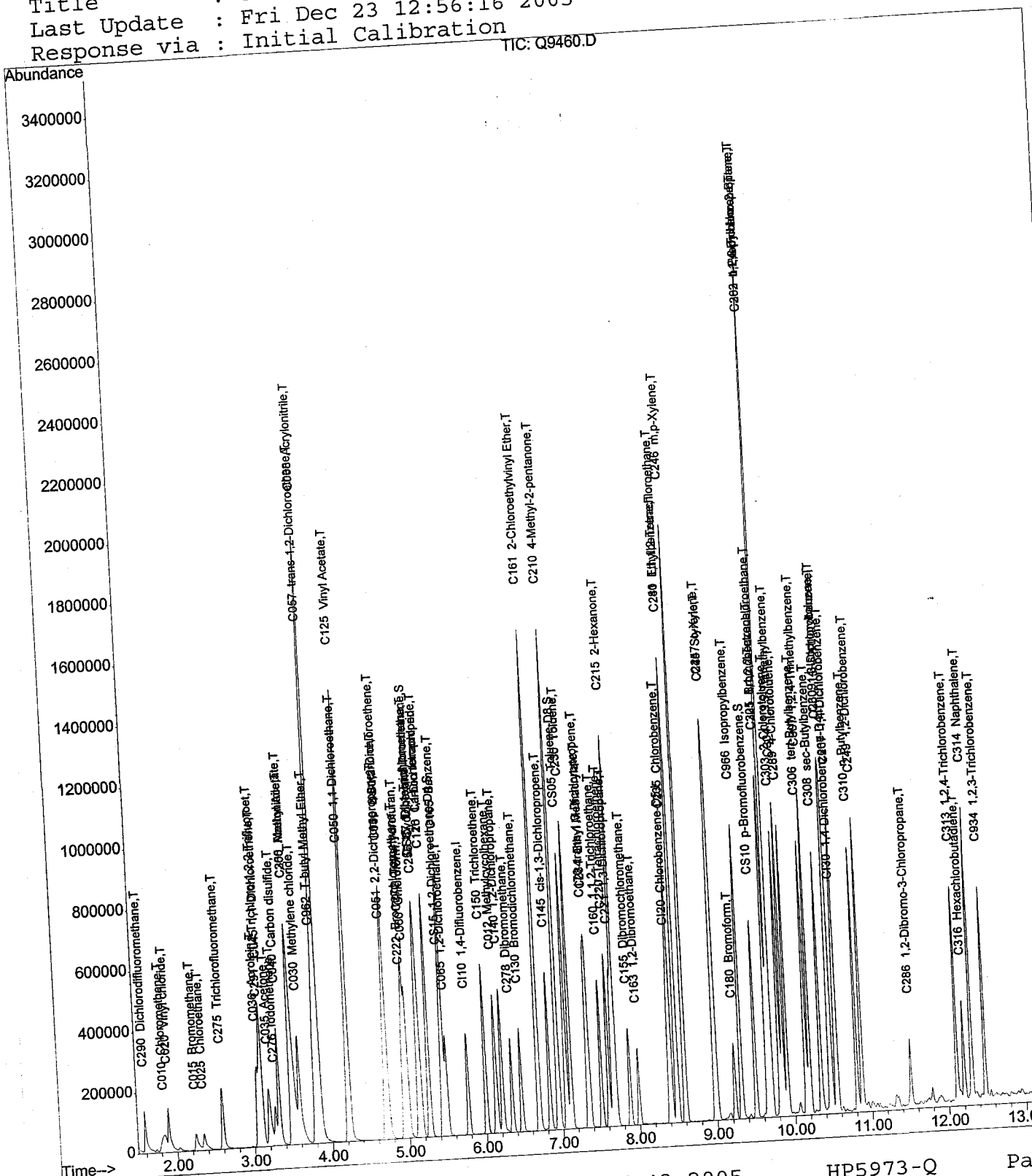
Quantitation Report

Data File : C:\HPCHEM\1\DATA\122305\Q9460.D
Acq On : 23 Dec 2005 9:57
Sample : VSTD050
Misc :
MS Integration Params: RTEINT.P
Quant Time: Dec 23 12:03 2005

Vial: 5
Operator: JMB
Inst : HP5973 Q
Multiplr: 1.00

Quant Results File: A5I02444.RES

Method : C:\HPCHEM\1\METHODS\Q8260\A5I02444.M (RTE Integrator)
Title : 8260 5ML
Last Update : Fri Dec 23 12:56:16 2005
Response via : Initial Calibration



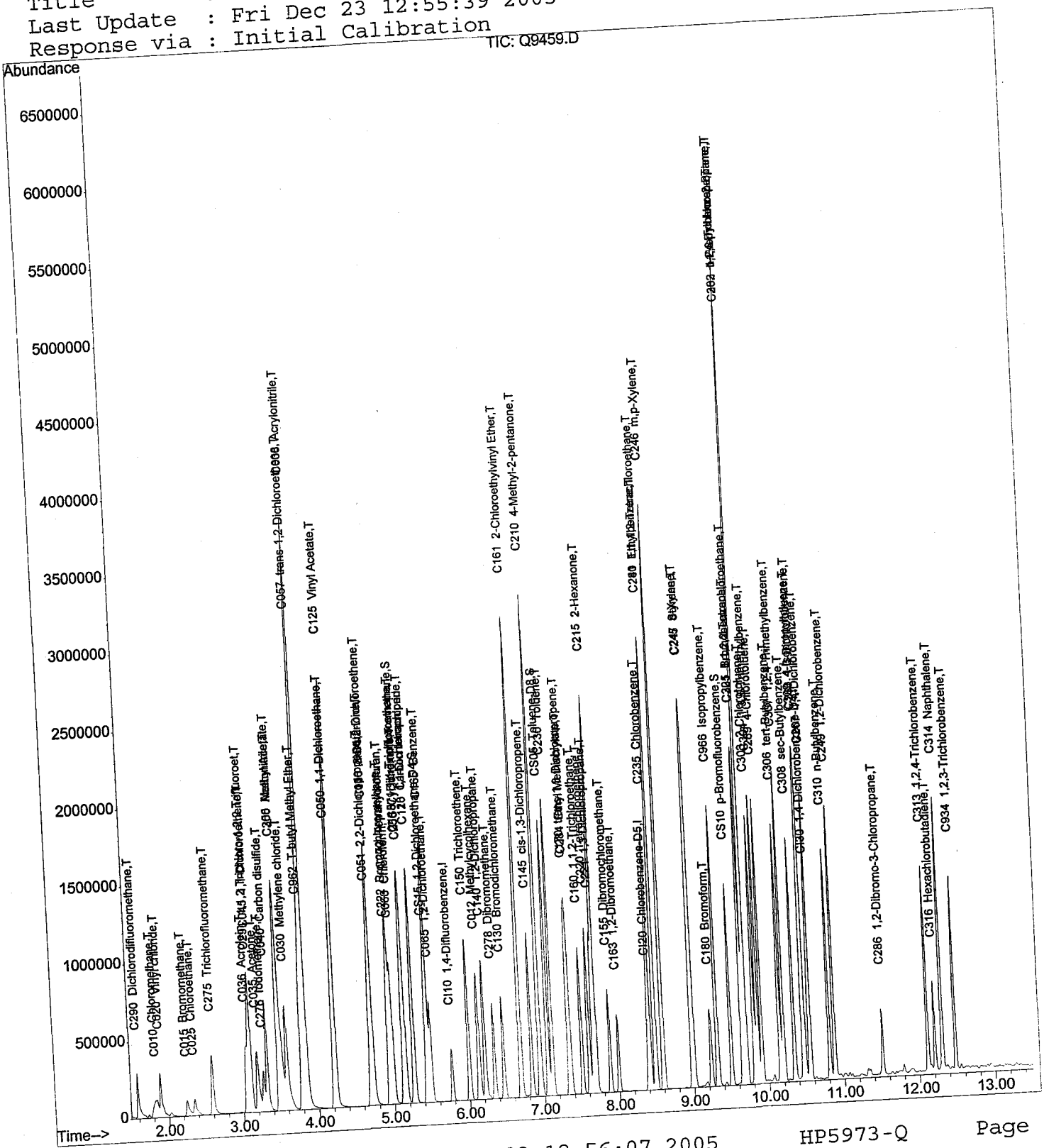
Quantitation Report

Data File : C:\HPCHEM\1\DATA\122305\Q9459.D
Acq On : 23 Dec 2005 9:29
Sample : VSTD100
Misc :
MS Integration Params: RTEINT.P
Quant Time: Dec 23 12:03 2005

Vial: 4
Operator: JMB
Inst : HP5973 Q
Multiplr: 1.00

Quant Results File: A5I02444.RES

Method : C:\HPCHEM\1\METHODS\Q8260\A5I02444.M (RTE Integrator)
Title : 8260 5ML
Last Update : Fri Dec 23 12:55:39 2005
Response via : Initial Calibration



Response Factor Report HP5973 Q

Method : C:\HPCHEM\1\METHODS\Q8260\A5I02444.M (RTE Integrator)
Title : 8260 5ML
Last Update : Fri Dec 23 12:59:12 2005
Response via : Initial Calibration

A5I.2444
8260 Sml

Calibration Files
1 =Q9463.D 2 =Q9461.D 3 =Q9458.D
4 =Q9460.D 5 =Q9459.D

			Compound	1	2	3	4	5	Avg	%RSD
1)	I	CI10	1,4-Difluoroben	ISTD						
2)	T	C290	Dichlorodifluor	0.109	0.206	0.253	0.264	0.272	0.221	30.49
3)	T	C010	Chloromethane	0.236	0.261	0.296	0.305	0.310	0.282	11.33
4)	T	C020	Vinyl chloride	0.196	0.264	0.292	0.300	0.300	0.270	16.40
5)	T	C015	Bromomethane	0.072	0.104	0.113	0.105	0.102	0.099	15.76
6)	T	C025	Chloroethane	0.049	0.107	0.118	0.121	0.122	0.103	29.95
7)	T	C275	Trichlorofluoro	0.222	0.281	0.334	0.341	0.347	0.305	17.40
8)	T	C045	1,1-Dichloroeth	0.231	0.225	0.259	0.262	0.254	0.246	6.95
9)	T	C030	Methylene chlor	0.325	0.291	0.304	0.299	0.294	0.303	4.42
10)	T	C040	Carbon disulfid	0.828	0.801	0.861	0.872	0.852	0.843	3.36
11)	T	C036	Acrolein	0.018	0.024	0.010	0.024	0.019	0.019	29.30
12)	T	C038	Acrylonitrile	0.159	0.153	0.155	0.152	0.146	0.153	2.95
13)	T	C035	Acetone	0.129	0.116	0.121	0.119	0.122	0.121	3.95
14)	T	C300	Acetonitrile	0.058	0.054	0.056	0.055	0.055	0.056	2.74
15)	T	C276	Iodomethane	0.420	0.362	0.312	0.383	0.359	0.367	10.75
16)	T	C291	1,1,2 Trichloro	0.167	0.195	0.224	0.231	0.228	0.209	13.18
17)	T	C962	T-butyl Methyl	0.932	0.959	0.970	0.973	0.977	0.962	1.90
18)	T	C057	trans-1,2-Dichl	0.281	0.276	0.300	0.298	0.286	0.288	3.63
19)	T	C255	Methyl Acetate	0.483	0.412	0.421	0.413	0.412	0.428	7.23
20)	T	C050	1,1-Dichloroeth	0.561	0.530	0.564	0.563	0.545	0.552	2.69
21)	T	C125	Vinyl Acetate	0.732	0.770	0.790	0.774	0.741	0.762	3.18
22)	T	C051	2,2-Dichloropro	0.420	0.386	0.454	0.443	0.438	0.428	6.21
23)	T	C056	cis-1,2-Dichlor	0.328	0.302	0.331	0.328	0.318	0.321	3.64
24)	T	C272	Tetrahydrofuran	0.135	0.139	0.143	0.143	0.143	0.141	2.66
25)	T	C222	Bromochlorometh	0.136	0.161	0.173	0.169	0.165	0.161	9.04
26)	T	C060	Chloroform	0.509	0.477	0.516	0.510	0.499	0.502	3.06
27)	T	C115	1,1,1-Trichloro	0.386	0.368	0.423	0.427	0.418	0.404	6.46
28)	T	C120	Carbon tetrachl	0.310	0.304	0.372	0.380	0.374	0.348	10.80
29)	T	C116	1,1-Dichloropro	0.378	0.354	0.409	0.411	0.402	0.391	6.25
30)	S	CS87	Dibromofluorome	0.246	0.277	0.280	0.280	0.278	0.272	5.27
31)	S	CS15	1,2-Dichloroeth	0.304	0.319	0.316	0.319	0.324	0.316	2.35
32)	T	C165	Benzene	1.271	1.176	1.266	1.253	1.220	1.237	3.19
33)	T	C065	1,2-Dichloroeth	0.390	0.401	0.432	0.430	0.425	0.416	4.55
34)	T	C110	2-Butanone	0.201	0.201	0.208	0.208	0.209	0.205	1.88
35)	T	C256	Cyclohexane	0.386	0.395	0.407	0.435	0.421	0.409	4.81
36)	T	C150	Trichloroethene	0.339	0.275	0.303	0.301	0.296	0.302	7.61
37)	T	C140	1,2-Dichloropro	0.328	0.319	0.337	0.335	0.325	0.329	2.16
38)	T	C278	Dibromomethane	0.170	0.178	0.191	0.190	0.187	0.183	4.93
39)	T	C130	Bromodichlorome	0.324	0.349	0.381	0.375	0.375	0.361	6.64
40)	T	C161	2-Chloroethylvi	0.236	0.246	0.252	0.248	0.239	0.244	2.61
41)	T	C012	Methylcycolhexa	0.630	0.367	0.318	0.353	0.330	0.400	32.58
42)	T	C145	cis-1,3-Dichlor	0.485	0.486	0.532	0.524	0.525	0.510	4.52
43)	I	CI20	Chlorobenzene-D	ISTD						

L = Linear LO = Linear+Origin Q = Quad QO = Quad+Origin R = Corr. Coef
(#) = Out of Range

Response Factor Report HP5973 Q

Method : C:\HPCHEM\1\METHODS\Q8260\A5I02444.M (RTE Integrator)
Title : 8260 5ML
Last Update : Fri Dec 23 12:59:12 2005
Response via : Initial Calibration

Calibration Files
1 =Q9463.D 2 =Q9461.D 3 =Q9458.D
4 =Q9460.D 5 =Q9459.D

			Compound	1	2	3	4	5	Avg	%RSD
44)	S	CS05	Toluene-D8	1.201	1.227	1.254	1.263	1.229	1.235	2.00
45)	T	C230	Toluene	0.895	0.854	0.905	0.911	0.879	0.889	2.58
46)	T	C170	trans-1,3-Dichl	0.516	0.530	0.564	0.571	0.556	0.547	4.32
47)	T	C284	Ethyl Methacryl	0.485	0.522	0.537	0.553	0.547	0.529	5.17
48)	T	C160	1,1,2-Trichloro	0.263	0.265	0.272	0.272	0.264	0.267	1.71
49)	T	C210	4-Methyl-2-pent	0.472	0.483	0.482	0.486	0.469	0.478	1.54
50)	T	C220	Tetrachloroethe	0.374	0.340	0.359	0.369	0.352	0.359	3.82
51)	T	C221	1,3-Dichloropro	0.583	0.590	0.594	0.601	0.582	0.590	1.37
52)	T	C155	Dibromochlorome	0.291	0.334	0.360	0.371	0.367	0.344	9.65
53)	T	C163	1,2-Dibromoetha	0.331	0.342	0.359	0.361	0.354	0.349	3.62
54)	T	C215	2-Hexanone	0.340	0.342	0.348	0.354	0.345	0.346	1.60
55)	T	C235	Chlorobenzene	1.058	0.982	1.036	1.040	1.001	1.023	3.03
56)	T	C281	1,1,1,2-Tetrach	0.321	0.338	0.353	0.366	0.352	0.346	4.87
57)	T	C240	Ethylbenzene	1.576	1.478	1.527	1.548	1.456	1.517	3.26
58)	T	C246	m,p-Xylene	0.657	0.623	0.644	0.649	0.614	0.637	2.84
59)	T	C247	o-Xylene	0.638	0.616	0.637	0.640	0.608	0.628	2.33
60)	T	C245	Styrene	0.955	0.996	1.037	1.043	1.018	1.010	3.52
61)	S	CS10	p-Bromofluorobe	0.409	0.387	0.402	0.404	0.388	0.398	2.48
62)	I	CI30	1,4-Dichloroben	ISTD						
63)	T	C180	Bromoform	0.421	0.475	0.516	0.552	0.556	0.504	11.26
64)	T	C966	Isopropylbenzen	3.438	3.150	2.964	3.073	2.874	3.100	6.97
65)	T	C301	Bromobenzene	0.944	0.905	0.904	0.921	0.875	0.910	2.78
66)	T	C225	1,1,2,2-Tetrach	0.966	0.945	0.993	0.966	0.921	0.958	2.83
67)	T	C282	1,2,3-Trichloro	0.340	0.312	0.320	0.316	0.294	0.316	5.19
68)	T	C283	t-1,4-Dichloro-	0.163	0.148	0.145	0.141	0.135	0.147	7.26
69)	T	C302	n-Propylbenzene	4.292	3.810	3.420	3.580	3.214	3.663	11.30
70)	T	C303	2-Chlorotoluene	0.825	0.796	0.770	0.789	0.752	0.787	3.50
71)	T	C289	4-Chlorotoluene	0.893	0.800	0.806	0.829	0.792	0.824	4.98
72)	T	C304	1,3,5-Trimethyl	3.029	2.626	2.286	2.438	2.265	2.529	12.45
73)	T	C306	tert-Butylbenze	0.848	0.597	0.497	0.538	0.490	0.594	24.99
74)	T	C307	1,2,4-Trimethyl	3.006	2.685	2.376	2.487	2.339	2.578	10.64
75)	T	C308	sec-Butylbenzen	5.154	2.987	2.306	2.515	2.271	3.047	39.78
76)	T	C260	1,3-Dichloroben	1.761	1.636	1.522	1.584	1.486	1.598	6.74
77)	T	C309	4-Isopropyltolu	4.636	2.760	2.141	2.327	2.074	2.788	38.29
78)	T	C267	1,4-Dichloroben	1.849	1.662	1.591	1.629	1.539	1.654	7.14
79)	T	C249	1,2-Dichloroben	1.751	1.603	1.526	1.570	1.498	1.590	6.21
80)	T	C310	n-Butylbenzene	4.397	2.124	1.602	1.725	1.549	2.280	52.87
81)	T	C286	1,2-Dibromo-3-C	0.148	0.176	0.187	0.192	0.192	0.179	10.31
82)	T	C313	1,2,4-Trichloro	1.677	1.045	0.774	0.845	0.759	1.020	37.72
83)	T	C316	Hexachlorobutad	0.820	0.329	0.205	0.235	0.196	0.357	74.00
84)	T	C314	Naphthalene	3.206	3.016	2.526	2.695	2.500	2.789	11.16
85)	T	C934	1,2,3-Trichloro	1.477	1.001	0.732	0.814	0.732	0.951	32.99

Total Average %RSD 10.12

L = Linear LO = Linear+Origin Q = Quad QO = Quad+Origin R = Corr. Coef
(#) = Out of Range

ICC Profile

ate: 12/23/2005
ime: 17:02:20

CC Profile Code: A00263 METHOD 8260 low 5ML PURGE (30% RSD/ 20% D)
Fraction: MV

QC Approver: JRS
QC Date: 11/08/2005

lo of Points: 5 Default Min. RRF: 0.3000
CCC Conc: 125.00

Comments:

Seq		Parameter	ng On Column Point 1	Point 2	Point 3	Point 4	Point 5
2	123-91-1	1,4-Dioxane	200.0000	2000.0000	5000.0000	10000.0000	20000.0000
7	77-73-6	Dicyclopentadiene	5.0000	50.0000	125.0000	250.0000	500.0000
8	526-73-8	1,2,3-Trimethylbenzene	5.0000	50.0000	125.0000	250.0000	500.0000
15	994-05-8	tert-Amyl Methyl Ether (TAME)	5.0000	50.0000	125.0000	250.0000	500.0000
18	67-64-1	Acetone	25.0000	250.0000	625.0000	1250.0000	2500.0000
20	71-43-2	Benzene	5.0000	50.0000	125.0000	250.0000	500.0000
25	637-92-3	Ethyl-t-butyl ether (ETBE)	5.0000	50.0000	125.0000	250.0000	500.0000
30	108-86-1	Bromobenzene	5.0000	50.0000	125.0000	250.0000	500.0000
40	74-97-5	Bromochloromethane	5.0000	50.0000	125.0000	250.0000	500.0000
50	75-27-4	Bromodichloromethane	5.0000	50.0000	125.0000	250.0000	500.0000
51	108-70-3	1,3,5-Trichlorobenzene	5.0000	50.0000	125.0000	250.0000	500.0000
60	75-25-2	Bromoform	5.0000	50.0000	125.0000	250.0000	500.0000
70	74-83-9	Bromomethane	25.0000	250.0000	625.0000	1250.0000	2500.0000
88	78-93-3	2-Butanone	5.0000	50.0000	125.0000	250.0000	500.0000
90	104-51-8	n-Butylbenzene	50.0000	500.0000	1250.0000	2500.0000	5000.0000
91	107-12-0	Propionitrile	5.0000	50.0000	125.0000	250.0000	500.0000
92	126-98-7	Methacrylonitrile	5.0000	50.0000	125.0000	250.0000	500.0000
93	108-20-3	Isopropyl Ether (DIPE)	200.0000	2000.0000	5000.0000	10000.0000	20000.0000
94	78-83-1	Isobutanol	200.0000	2000.0000	5000.0000	10000.0000	20000.0000
95	71-36-3	n-Butyl alcohol	5.0000	50.0000	125.0000	250.0000	500.0000
96	108-41-8	m-Chlorotoluene	50.0000	500.0000	1250.0000	2500.0000	5000.0000
97	108-94-1	Cyclohexanone	5.0000	50.0000	125.0000	250.0000	500.0000
98	76-01-7	Pentachloroethane	100.0000	1000.0000	2500.0000	5000.0000	10000.0000
99	75-65-0	tert-Butyl Alcohol (TBA)	5.0000	50.0000	125.0000	250.0000	500.0000
100	135-98-8	sec-Butylbenzene	5.0000	50.0000	125.0000	250.0000	500.0000
101	79-20-9	Methyl acetate	5.0000	50.0000	125.0000	250.0000	500.0000
102	110-82-7	Cyclohexane	5.0000	50.0000	125.0000	250.0000	500.0000
103	108-87-2	Methylcyclohexane	5.0000	50.0000	125.0000	250.0000	500.0000
104	98-56-6	p-Monochlorobenzotrifluoride	5.0000	50.0000	125.0000	250.0000	500.0000
105	98-15-7	m-Monochlorobenzotrifluoride	5.0000	50.0000	125.0000	250.0000	500.0000
106	88-16-4	o-Monochlorobenzotrifluoride	5.0000	50.0000	125.0000	250.0000	500.0000
110	98-06-6	tert-Butylbenzene	100.0000	1000.0000	2500.0000	5000.0000	10000.0000
111	106-89-8	Epichlorohydrin	25.0000	250.0000	625.0000	1250.0000	2500.0000
112	79-46-9	2-Nitropropane	5.0000	50.0000	125.0000	250.0000	500.0000
114	TOTALVOA	Total Volatile Organic Compoun	5.0000	50.0000	125.0000	250.0000	500.0000
120	554-14-3	2-Methyl Thiophene	5.0000	50.0000	125.0000	250.0000	500.0000
121	616-44-4	3-Methyl Thiophene	5.0000	50.0000	125.0000	250.0000	500.0000
128	75-15-0	Carbon Disulfide	5.0000	50.0000	125.0000	250.0000	500.0000
130	56-23-5	Carbon Tetrachloride	5.0000	50.0000	125.0000	250.0000	500.0000
140	108-90-7	Chlorobenzene	50.0000	500.0000	1250.0000	2500.0000	5000.0000
145	104-76-7	2-Ethyl-1-hexanol	5.0000	50.0000	125.0000	250.0000	500.0000
150	75-00-3	Chloroethane	5.0000	50.0000	125.0000	250.0000	500.0000
160	67-66-3	Chloroform	5.0000	50.0000	125.0000	250.0000	500.0000
170	74-87-3	Chloromethane	5.0000	50.0000	125.0000	250.0000	500.0000
180	95-49-8	o-Chlorotoluene	5.0000	50.0000	125.0000	250.0000	500.0000
190	106-43-4	p-Chlorotoluene	5.0000	50.0000	125.0000	250.0000	500.0000
200	124-48-1	Dibromochloromethane					

ICC Profile

e: 12/23/2005
e: 17:02:20

Profile Code: A00263 METHOD 8260 low 5ML PURGE (30% RSD/ 20% D) (continued)

		Parameter	ng On Column Point 1	Point 2	Point 3	Point 4	Point 5
1			5.0000	50.0000	125.0000	250.0000	500.0000
1	110-54-3	Hexane	5.0000	50.0000	125.0000	250.0000	500.0000
2	142-82-5	Heptane	25.0000	250.0000	625.0000	1250.0000	2500.0000
3	534-15-6	1,1-Dimethoxyethane	25.0000	250.0000	625.0000	1250.0000	2500.0000
4	75-56-9	Propylene Oxide	5.0000	50.0000	125.0000	250.0000	500.0000
0	96-12-8	1,2-Dibromo-3-chloropropane	5.0000	50.0000	125.0000	250.0000	500.0000
20	106-93-4	1,2-Dibromoethane	5.0000	50.0000	125.0000	250.0000	500.0000
30	74-95-3	Dibromomethane	5.0000	50.0000	125.0000	250.0000	500.0000
40	95-50-1	1,2-Dichlorobenzene	5.0000	50.0000	125.0000	250.0000	500.0000
50	541-73-1	1,3-Dichlorobenzene	5.0000	50.0000	125.0000	250.0000	500.0000
60	106-46-7	1,4-Dichlorobenzene	5.0000	50.0000	125.0000	250.0000	500.0000
70	75-71-8	Dichlorodifluoromethane	5.0000	50.0000	125.0000	250.0000	500.0000
80	75-34-3	1,1-Dichloroethane	5.0000	50.0000	125.0000	250.0000	500.0000
90	107-06-2	1,2-Dichloroethane	5.0000	50.0000	125.0000	250.0000	500.0000
00	75-35-4	1,1-Dichloroethene	25.0000	250.0000	625.0000	1250.0000	2500.0000
07	109-99-9	Tetrahydrofuran	5.0000	50.0000	125.0000	250.0000	500.0000
310	156-59-2	cis-1,2-Dichloroethene	5.0000	50.0000	125.0000	250.0000	500.0000
320	156-60-5	trans-1,2-Dichloroethene	5.0000	50.0000	125.0000	250.0000	500.0000
330	78-87-5	1,2-Dichloropropane	5.0000	50.0000	125.0000	250.0000	500.0000
340	142-28-9	1,3-Dichloropropane	5.0000	50.0000	125.0000	250.0000	500.0000
350	594-20-7	2,2-Dichloropropane	5.0000	50.0000	125.0000	250.0000	500.0000
360	563-58-6	1,1-Dichloropropene	5.0000	50.0000	125.0000	250.0000	500.0000
370	10061-01-5	cis-1,3-Dichloropropene	5.0000	50.0000	125.0000	250.0000	500.0000
380	10061-02-6	trans-1,3-Dichloropropene	5.0000	50.0000	125.0000	250.0000	500.0000
390	100-41-4	Ethylbenzene	5.0000	50.0000	125.0000	250.0000	500.0000
410	87-68-3	Hexachlorobutadiene	25.0000	250.0000	625.0000	1250.0000	2500.0000
418	591-78-6	2-Hexanone	5.0000	50.0000	125.0000	250.0000	500.0000
420	98-82-8	Isopropylbenzene	5.0000	50.0000	125.0000	250.0000	500.0000
430	99-87-6	p-Cymene	5.0000	50.0000	125.0000	250.0000	500.0000
440	75-09-2	Methylene chloride	25.0000	250.0000	625.0000	1250.0000	2500.0000
458	108-10-1	4-Methyl-2-pentanone	5.0000	50.0000	125.0000	250.0000	500.0000
460	91-20-3	Naphthalene	5.0000	50.0000	125.0000	250.0000	500.0000
470	103-65-1	n-Propylbenzene	5.0000	50.0000	125.0000	250.0000	500.0000
480	100-42-5	Styrene	5.0000	50.0000	125.0000	250.0000	500.0000
490	630-20-6	1,1,1,2-Tetrachloroethane	5.0000	50.0000	125.0000	250.0000	500.0000
500	79-34-5	1,1,2,2-Tetrachloroethane	5.0000	50.0000	125.0000	250.0000	500.0000
510	127-18-4	Tetrachloroethene	5.0000	50.0000	125.0000	250.0000	500.0000
520	108-88-3	Toluene	5.0000	50.0000	125.0000	250.0000	500.0000
530	87-61-6	1,2,3-Trichlorobenzene	5.0000	50.0000	125.0000	250.0000	500.0000
540	120-82-1	1,2,4-Trichlorobenzene	5.0000	50.0000	125.0000	250.0000	500.0000
550	71-55-6	1,1,1-Trichloroethane	5.0000	50.0000	125.0000	250.0000	500.0000
560	79-00-5	1,1,2-Trichloroethane	5.0000	50.0000	125.0000	250.0000	500.0000
570	79-01-6	Trichloroethene	5.0000	50.0000	125.0000	250.0000	500.0000
580	75-69-4	Trichlorofluoromethane	5.0000	50.0000	125.0000	250.0000	500.0000
590	96-18-4	1,2,3-Trichloropropane	5.0000	50.0000	125.0000	250.0000	500.0000
600	95-63-6	1,2,4-Trimethylbenzene	5.0000	50.0000	125.0000	250.0000	500.0000
610	108-67-8	1,3,5-Trimethylbenzene	5.0000	50.0000	125.0000	250.0000	500.0000
620	75-01-4	Vinyl chloride	15.0000	150.0000	375.0000	750.0000	1500.0000
630	1330-20-7	Total Xylenes	5.0000	50.0000	125.0000	250.0000	500.0000
646	SU107-06-2	1,2-Dichloroethane-D4	5.0000	50.0000	125.0000	250.0000	500.0000
648	2037-26-5	Toluene-D8	5.0000	50.0000	125.0000	250.0000	500.0000
650	460-00-4	p-Bromofluorobenzene	5.0000	50.0000	125.0000	250.0000	500.0000
660	SU95-50-1	1,2-Dichlorobenzene-d4					

ICC Profile

12/23/2005
17:02:20

Profile Code: A00263 METHOD 8260 low 5ML PURGE (30% RSD/ 20% D) (continued)

		ng On Column				
	Parameter	Point 1	Point 2	Point 3	Point 4	Point 5
SU106-46-7	1,4-Dichlorobenzene-D4	0.0000	0.0000	0.0000	0.0000	0.0000
3114-55-4	Chlorobenzene-D5	0.0000	0.0000	0.0000	0.0000	0.0000
540-36-3	1,4-Difluorobenzene	0.0000	0.0000	0.0000	0.0000	0.0000
462-06-6	Fluorobenzene	0.0000	0.0000	0.0000	0.0000	0.0000
1634-04-4	Methyl-t-Butyl Ether (MTBE)	5.0000	50.0000	125.0000	250.0000	500.0000
75-43-4	Dichlorofluoromethane	5.0000	50.0000	125.0000	250.0000	500.0000
594-18-3	Dibromodichloromethane	5.0000	50.0000	125.0000	250.0000	500.0000
107-02-8	Acrolein	100.0000	1250.0000	2500.0000	5000.0000	10000.0000
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	5.0000	50.0000	125.0000	250.0000	500.0000
107-13-1	Acrylonitrile	100.0000	1250.0000	2500.0000	5000.0000	10000.0000
80-62-6	Methyl methacrylate	5.0000	50.0000	125.0000	250.0000	500.0000
540-59-0	1,2-Dichloroethene (Total)	10.0000	100.0000	250.0000	500.0000	1000.0000
M/P XYLENE	m/p-Xylenes	10.0000	100.0000	250.0000	500.0000	1000.0000
95-47-6	o-Xylene	5.0000	50.0000	125.0000	250.0000	500.0000
108-05-4	Vinyl acetate	25.0000	250.0000	625.0000	1250.0000	2500.0000
110-75-8	2-Chloroethylvinyl ether	25.0000	250.0000	625.0000	1250.0000	2500.0000
110-57-6	trans-1,4-Dichloro-2-butene	25.0000	250.0000	625.0000	1250.0000	2500.0000
74-88-4	Iodomethane	5.0000	50.0000	125.0000	250.0000	500.0000
97-63-2	Ethyl methacrylate	5.0000	50.0000	125.0000	250.0000	500.0000
75-45-6	Chlorodifluoromethane	5.0000	50.0000	125.0000	250.0000	500.0000
544-10-5	1-Chlorohexane	5.0000	50.0000	125.0000	250.0000	500.0000
75-05-8	Acetonitrile	200.0000	2000.0000	5000.0000	10000.0000	20000.0000
60-29-7	Ethyl ether	5.0000	50.0000	125.0000	250.0000	500.0000
108-38-3	m-Xylene	10.0000	100.0000	250.0000	500.0000	1000.0000
106-42-3	p-Xylene	10.0000	100.0000	250.0000	500.0000	1000.0000
542-75-6	1,3-Dichloropropene (Total)	10.0000	100.0000	250.0000	500.0000	1000.0000
64-17-5	Ethanol	100.0000	1000.0000	2500.0000	5000.0000	10000.0000
141-78-6	Ethyl acetate	5.0000	50.0000	125.0000	250.0000	500.0000
107-05-1	3-Chloropropene (Allyl Chlor.)	5.0000	50.0000	125.0000	250.0000	500.0000
126-99-8	2-Chloro-1,3-butadiene	5.0000	50.0000	125.0000	250.0000	500.0000
54-28-81TIC	Bis(chloromethyl) ether (VOA T	5.0000	50.0000	125.0000	250.0000	500.0000

Data File : C:\HPCHEM\1\DATA\122305\Q9463.D
Acq On : 23 Dec 2005 11:46
Sample : VSTD001
Misc :
MS Integration Params: RTEINT.P
Quant Time: Dec 23 12:59 2005

Vial: 8
Operator: JMB
Inst : HP5973 Q
Multiplr: 1.00

Quant Results File: A5I02444.RES

Quant Method : C:\HPCHEM\1...\A5I02444.M (RTE Integrator)
Title : 8260 5ML
Last Update : Fri Dec 23 12:02:41 2005
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : C:\HPCHEM\1\DATA\122305\Q9458.D (23 Dec 2005 9:01)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.77	114	277052	125.00	ng	0.00 99.91%
43) CI20	Chlorobenzene-D5	8.39	117	242356	125.00	ng	0.00 99.03%
62) CI30	1,4-Dichlorobenzene-	10.53	152	112708	125.00	ng	0.00 96.06%
System Monitoring Compounds							
30) CS87	Dibromofluoromethane	5.14	111	2731	4.53	ng	0.00
Spiked Amount	125.000	Range	70 - 130	Recovery	=	3.62%#	
31) CS15	1,2-Dichloroethane-D	5.43	65	3369	4.81	ng	0.00
Spiked Amount	125.000	Range	72 - 143	Recovery	=	3.85%#	
44) CS05	Toluene-D8	7.05	98	11644	4.86	ng	0.00
Spiked Amount	125.000	Range	76 - 116	Recovery	=	3.89%#	
61) CS10	p-Bromofluorobenzene	9.51	174	3961	5.13	ng	0.00
Spiked Amount	125.000	Range	73 - 117	Recovery	=	4.10%#	
Target Compounds							Qvalue
2) C290	Dichlorodifluorometh	1.59	85	1212	2.48	ng	# 43
3) C010	Chloromethane	1.83	50	2613	4.19	ng	# 42
4) C020	Vinyl chloride	1.89	62	2169	3.62	ng	95
5) C015	Bromomethane	2.25	94	803	3.80	ng	89
6) C025	Chloroethane	2.35	64	543	2.37	ng	# 44
7) C275	Trichlorofluorometha	2.59	101	2465	3.65	ng	94
8) C045	1,1-Dichloroethene	3.11	96	2557	4.69	ng	85
9) C030	Methylene chloride	3.59	84	3601	5.37	ng	97
10) C040	Carbon disulfide	3.32	76	9178	4.91	ng	97
11) C036	Acrolein	3.04	56	4065	95.93	ng	95
12) C038	Acrylonitrile	3.84	53	35145	103.58	ng	98
13) C035	Acetone	3.20	43	7148	26.55	ng	98
14) C300	Acetonitrile	3.49	41	25773	208.38	ng	91
15) C276	Iodomethane	3.27	142	4660m	6.40	ng	# 56
16) C291	1,1,2 Trichloro-1,2,	3.08	101	1851	3.99	ng	# 70
17) C962	T-butyl Methyl Ether	3.80	73	10325	4.84	ng	95
18) C057	trans-1,2-Dichloroet	3.82	96	3116	4.88	ng	100
19) C255	Methyl Acetate	3.49	43	5357	5.64	ng	# 81
20) C050	1,1-Dichloroethane	4.21	63	6212	5.07	ng	100
21) C125	Vinyl Acetate	4.23	43	40556	24.03	ng	98
22) C051	2,2-Dichloropropane	4.69	77	4650	4.90	ng	98

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

Data File : C:\HPCHEM\1\DATA\122305\Q9463.D
Acq On : 23 Dec 2005 11:46
Sample : VSTD001
Misc :
MS Integration Params: RTEINT.P
Quant Time: Dec 23 12:59 2005

Vial: 8
Operator: JMB
Inst : HP5973 Q
Multiplr: 1.00

Quant Results File: A5I02444.RES

Quant Method : C:\HPCHEM\1...\A5I02444.M (RTE Integrator)
Title : 8260 5ML
Last Update : Fri Dec 23 12:02:41 2005
Response via : Initial Calibration
DataAcq Meth : VOA

	Compound		R.T.	QIon	Response	Conc	Unit		Qvalue
23)	C056	cis-1,2-Dichloroethe	4.72	96	3637	5.10	ng		98
24)	C272	Tetrahydrofuran	4.98	42	7471	23.95	ng		94
25)	C222	Bromochloromethane	4.94	128	1509	4.24	ng	#	74
26)	C060	Chloroform	4.99	83	5645	5.07	ng		98
27)	C115	1,1,1-Trichloroethan	5.13	97	4280	4.77	ng		91
28)	C120	Carbon tetrachloride	5.27	117	3436	4.46	ng		95
29)	C116	1,1-Dichloropropene	5.27	75	4184	4.83	ng	#	79
32)	C165	Benzene	5.45	78	14084	5.14	ng		99
33)	C065	1,2-Dichloroethane	5.50	62	4324	4.70	ng		93
34)	C110	2-Butanone	4.74	43	11137	24.47	ng		98
35)	C256	Cyclohexane	5.15	56	4275	4.72	ng	#	90
36)	C150	Trichloroethene	6.00	95	3752	5.60	ng	#	73
37)	C140	1,2-Dichloropropane	6.21	63	3640	4.99	ng		91
38)	C278	Dibromomethane	6.34	93	1883	4.64	ng	#	73
39)	C130	Bromodichloromethane	6.46	83	3595	4.49	ng		81
40)	C161	2-Chloroethylvinyl E	6.69	63	13102	24.19	ng	#	88
41)	C012	Methylcycolhexane	6.14	83	6982	7.88	ng	#	83
42)	C145	cis-1,3-Dichloroprop	6.83	75	5370	4.75	ng		89
45)	C230	Toluene	7.11	92	8674	5.03	ng		91
46)	C170	trans-1,3-Dichloropr	7.34	75	4999	4.71	ng		96
47)	C284	Ethyl Methacrylate	7.36	69	4701	4.58	ng	#	71
48)	C160	1,1,2-Trichloroethan	7.52	83	2550	4.92	ng		98
49)	C210	4-Methyl-2-pentanone	6.95	43	22882	24.67	ng	#	85
50)	C220	Tetrachloroethene	7.61	166	3623	5.21	ng		92
51)	C221	1,3-Dichloropropane	7.66	76	5651	4.94	ng		100
52)	C155	Dibromochloromethane	7.89	129	2817	4.22	ng		88
53)	C163	1,2-Dibromoethane	8.00	107	3209	4.74	ng		93
54)	C215	2-Hexanone	7.70	43	16472	24.55	ng		98
55)	C235	Chlorobenzene	8.42	112	10252	5.17	ng		95
56)	C281	1,1,1,2-Tetrachloroe	8.50	131	3116	4.64	ng		90
57)	C240	Ethylbenzene	8.49	91	15276	5.19	ng		97
58)	C246	m,p-Xylene	8.59	106	12733	10.31	ng	#	85
59)	C247	o-Xylene	8.98	106	6185	5.08	ng	#	78
60)	C245	Styrene	9.00	104	9259	4.73	ng		98
63)	C180	Bromoform	9.23	173	1897	4.18	ng		96
64)	C966	Isopropylbenzene	9.32	105	15500	5.55	ng		90
65)	C301	Bromobenzene	9.66	156	4257	5.19	ng	#	71
66)	C225	1,1,2,2-Tetrachloroe	9.65	83	4354	5.04	ng		95
67)	C282	1,2,3-Trichloropropa	9.70	110	1531	5.37	ng		100
68)	C283	t-1,4-Dichloro-2-But	9.69	51	3682	27.85	ng	#	76
69)	C302	n-Propylbenzene	9.71	91	19351	5.86	ng		81

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

Data File : C:\HPCHEM\1\DATA\122305\Q9463.D
Acq On : 23 Dec 2005 11:46
Sample : VSTD001
Misc :
MS Integration Params: RTEINT.P
Quant Time: Dec 23 12:59 2005

Vial: 8
Operator: JMB
Inst : HP5973 Q
Multiplr: 1.00

Quant Results File: A5I02444.RES

Quant Method : C:\HPCHEM\1...\A5I02444.M (RTE Integrator)
Title : 8260 5ML
Last Update : Fri Dec 23 12:02:41 2005
Response via : Initial Calibration
DataAcq Meth : VOA

	Compound		R.T.	QIon	Response	Conc	Unit		Qvalue
70)	C303	2-Chlorotoluene	9.82	126	3719	5.24	ng		100
71)	C289	4-Chlorotoluene	9.91	126	4025	5.42	ng		100
72)	C304	1,3,5-Trimethylbenze	9.86	105	13657	5.99	ng	#	50
73)	C306	tert-Butylbenzene	10.16	134	3825	7.14	ng		100
74)	C307	1,2,4-Trimethylbenze	10.20	105	13552	5.83	ng		100
75)	C308	sec-Butylbenzene	10.34	105	23234	8.46	ng		91
76)	C260	1,3-Dichlorobenzene	10.48	146	7938	5.51	ng		93
77)	C309	4-Isopropyltoluene	10.46	119	20900	8.32	ng		95
78)	C267	1,4-Dichlorobenzene	10.56	146	8336	5.59	ng		93
79)	C249	1,2-Dichlorobenzene	10.87	146	7895	5.51	ng		96
80)	C310	n-Butylbenzene	10.81	91	19824	9.65	ng		77
81)	C286	1,2-Dibromo-3-Chloro	11.51	75	668	4.14	ng	#	67
82)	C313	1,2,4-Trichlorobenze	12.12	180	7562	8.22	ng		96
83)	C316	Hexachlorobutadiene	12.21	225	3696	11.49	ng		97
84)	C314	Naphthalene	12.30	128	14454	5.75	ng		100
85)	C934	1,2,3-Trichlorobenze	12.48	180	6659	7.76	ng		91

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

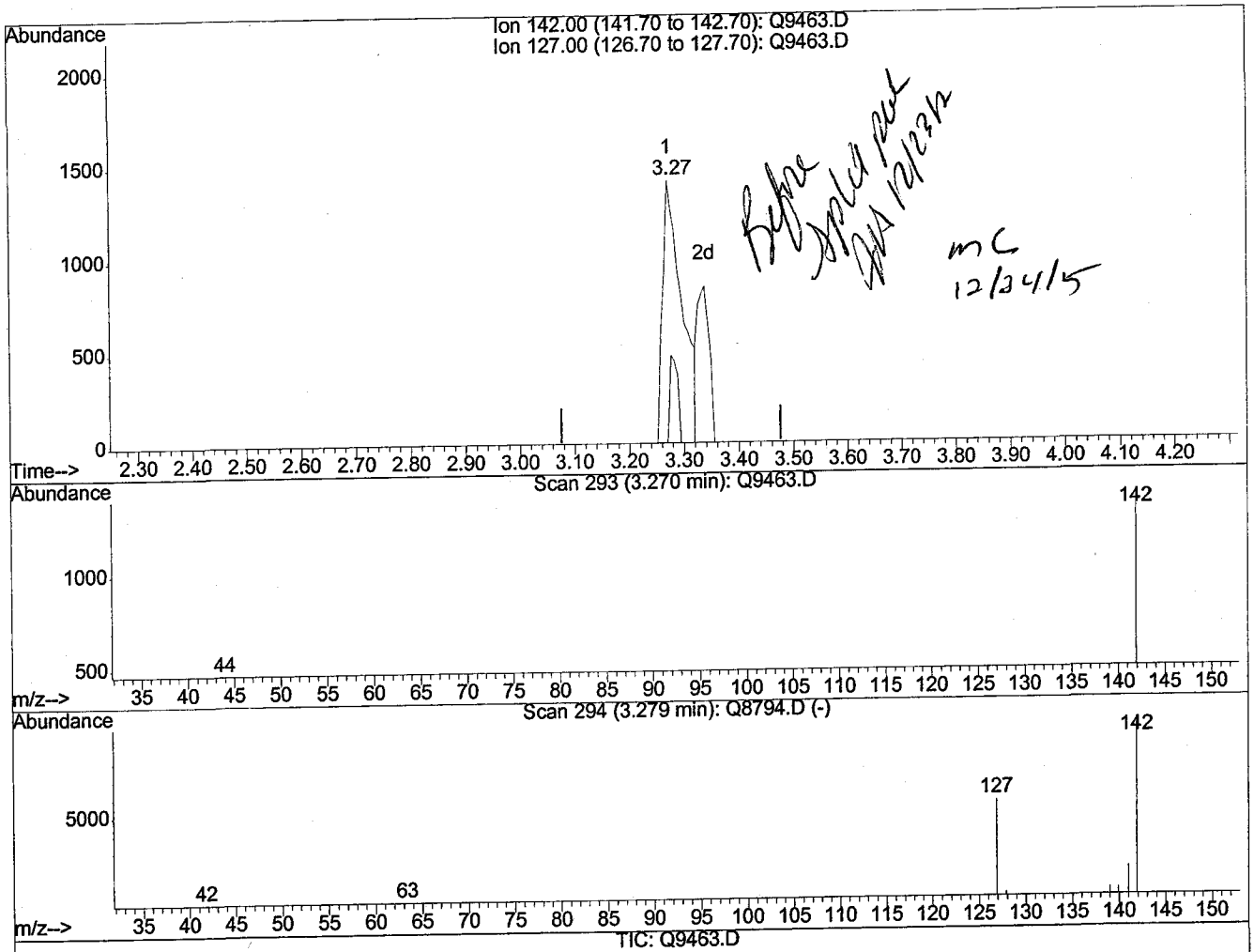
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\122305\Q9463.D
Acq On : 23 Dec 2005 11:46
Sample : VSTD001
Misc :
MS Integration Params: RTEINT.P
Quant Time: Dec 23 12:03 2005

Vial: 8
Operator: JMB
Inst : HP5973 Q
Multiplr: 1.00

Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\Q8260\A5I02444.M (RTE Integrator)
Title : 8260 5ML
Last Update : Fri Dec 23 12:58:42 2005
Response via : Multiple Level Calibration



Before Spike put QA 12/23/15

MC 12/24/15

(15) C276 Iodomethane (T)

3.27min 4.67ng

response 3401

Ion	Exp%	Act%
142.00	100	100
127.00	41.60	13.73#
0.00	0.00	0.00
0.00	0.00	0.00

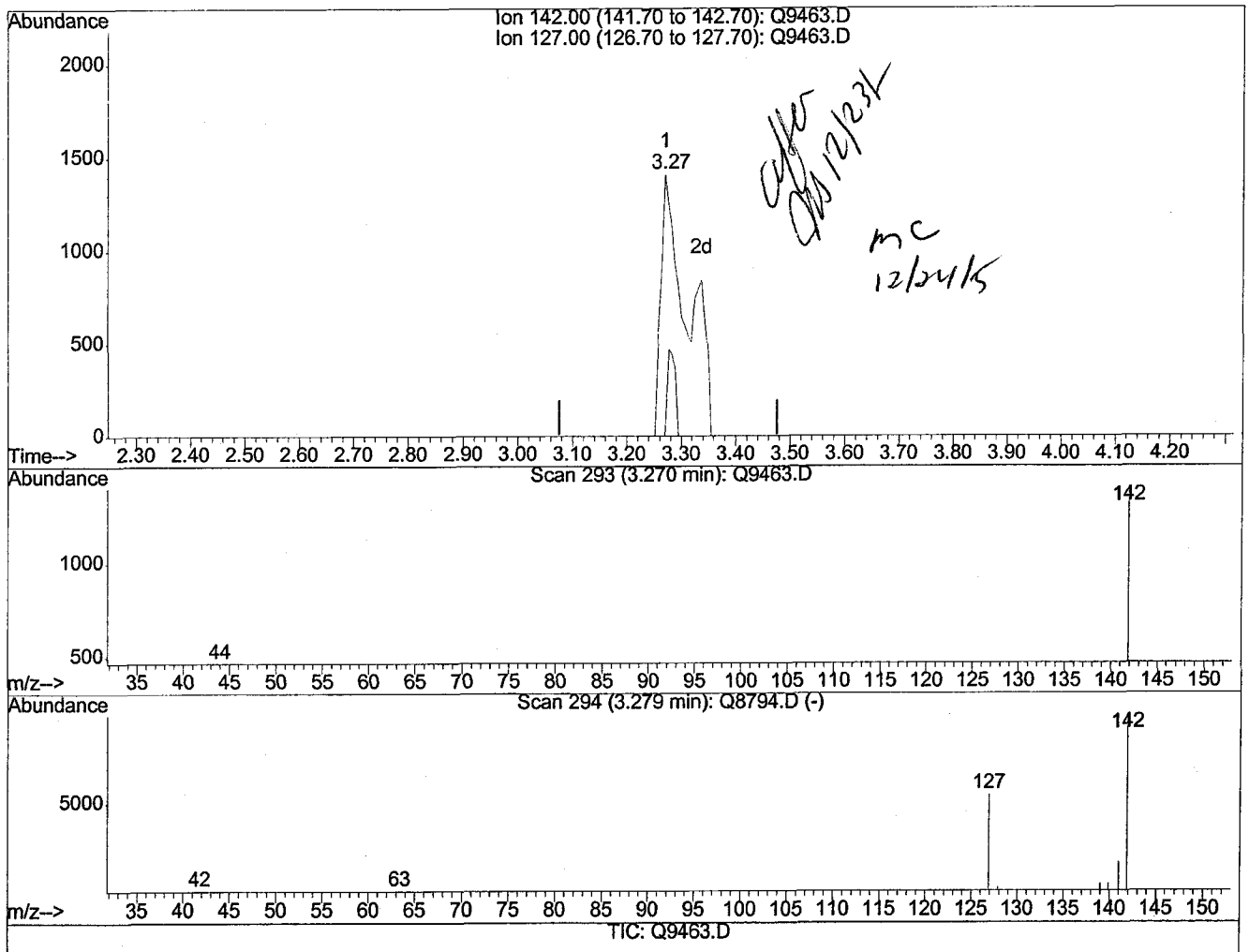
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\122305\Q9463.D
Acq On : 23 Dec 2005 11:46
Sample : VSTD001
Misc :
MS Integration Params: RTEINT.P
Quant Time: Dec 23 12:59 2005

Vial: 8
Operator: JMB
Inst : HP5973 Q
Multiplr: 1.00

Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\Q8260\A5I02444.M (RTE Integrator)
Title : 8260 5ML
Last Update : Fri Dec 23 12:58:42 2005
Response via : Multiple Level Calibration



TIC: Q9463.D

(15) C276 Iodomethane (T)

3.27min 6.40ng m

response 4660

Ion	Exp%	Act%
142.00	100	100
127.00	41.60	10.02#
0.00	0.00	0.00
0.00	0.00	0.00

Data File : C:\HPCHEM\1\DATA\122305\Q9461.D
Acq On : 23 Dec 2005 10:26
Sample : VSTD010
Misc :
MS Integration Params: RTEINT.P
Quant Time: Dec 23 12:58 2005

Vial: 6
Operator: JMB
Inst : HP5973 Q
Multiplr: 1.00

Quant Results File: A5I02444.RES

Quant Method : C:\HPCHEM\1...\A5I02444.M (RTE Integrator)
Title : 8260 5ML
Last Update : Fri Dec 23 12:02:41 2005
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : C:\HPCHEM\1\DATA\122305\Q9458.D (23 Dec 2005 9:01)

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.77	114	278960	125.00	ng		0.00 100.60%
43) CI20	Chlorobenzene-D5	8.39	117	240792	125.00	ng		0.00 98.40%
62) CI30	1,4-Dichlorobenzene-	10.53	152	113851	125.00	ng		0.00 97.04%
System Monitoring Compounds								
30) CS87	Dibromofluoromethane	5.14	111	30884	50.88	ng		0.00
Spiked Amount	125.000	Range	70 - 130	Recovery =	40.70%#			
31) CS15	1,2-Dichloroethane-D	5.43	65	35614	50.46	ng		0.00
Spiked Amount	125.000	Range	72 - 143	Recovery =	40.37%#			
44) CS05	Toluene-D8	7.05	98	118157	49.67	ng		0.00
Spiked Amount	125.000	Range	76 - 116	Recovery =	39.74%#			
61) CS10	p-Bromofluorobenzene	9.51	174	37237	48.58	ng		0.00
Spiked Amount	125.000	Range	73 - 117	Recovery =	38.86%#			
Target Compounds								Qvalue
2) C290	Dichlorodifluorometh	1.59	85	22945	46.60	ng		95
3) C010	Chloromethane	1.83	50	29150	46.39	ng		96
4) C020	Vinyl chloride	1.90	62	29428	48.77	ng		96
5) C015	Bromomethane	2.24	94	11561	54.32	ng		95
6) C025	Chloroethane	2.35	64	11960	51.84	ng		96
7) C275	Trichlorofluorometha	2.59	101	31370	46.08	ng		97
8) C045	1,1-Dichloroethene	3.11	96	25071	45.66	ng		96
9) C030	Methylene chloride	3.59	84	32484	48.09	ng		96
10) C040	Carbon disulfide	3.33	76	89386	47.53	ng		99
11) C036	Acrolein	3.05	56	53354	1250.49	ng		95
12) C038	Acrylonitrile	3.84	53	342152	1001.46	ng		98
13) C035	Acetone	3.20	43	64710	238.75	ng		94
14) C300	Acetonitrile	3.49	41	242037	1943.53	ng		100
15) C276	Iodomethane	3.28	142	40400m	55.15	ng	#	87
16) C291	1,1,2 Trichloro-1,2,	3.08	101	21782	46.66	ng	#	81
17) C962	T-butyl Methyl Ether	3.79	73	107028	49.84	ng		99
18) C057	trans-1,2-Dichloroet	3.82	96	30801	47.89	ng		92
19) C255	Methyl Acetate	3.48	43	46027	48.14	ng		98
20) C050	1,1-Dichloroethane	4.21	63	59114	47.95	ng		99
21) C125	Vinyl Acetate	4.23	43	429484	252.72	ng		100
22) C051	2,2-Dichloropropane	4.70	77	43115	45.10	ng		92

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

Data File : C:\HPCHEM\1\DATA\122305\Q9461.D
Acq On : 23 Dec 2005 10:26
Sample : VSTD010
Misc :
MS Integration Params: RTEINT.P
Quant Time: Dec 23 12:58 2005

Vial: 6
Operator: JMB
Inst : HP5973 Q
Multiplr: 1.00

Quant Results File: A5I02444.RES

Quant Method : C:\HPCHEM\1...\A5I02444.M (RTE Integrator)
Title : 8260 5ML
Last Update : Fri Dec 23 12:02:41 2005
Response via : Initial Calibration
DataAcq Meth : VOA

	Compound		R.T.	QIon	Response	Conc	Unit		Qvalue
23)	C056	cis-1,2-Dichloroethe	4.72	96	33729	47.02	ng		96
24)	C272	Tetrahydrofuran	4.97	42	77645	247.22	ng		95
25)	C222	Bromochloromethane	4.94	128	17910	49.93	ng	#	78
26)	C060	Chloroform	4.99	83	53200	47.47	ng		98
27)	C115	1,1,1-Trichloroethan	5.13	97	41042	45.47	ng		96
28)	C120	Carbon tetrachloride	5.27	117	33896	43.66	ng		98
29)	C116	1,1-Dichloropropene	5.27	75	39511	45.32	ng		93
32)	C165	Benzene	5.45	78	131226	47.53	ng		100
33)	C065	1,2-Dichloroethane	5.50	62	44699	48.20	ng		96
34)	C110	2-Butanone	4.74	43	112342	245.10	ng		98
35)	C256	Cyclohexane	5.16	56	44109	48.35	ng		99
36)	C150	Trichloroethene	6.00	95	30658	45.42	ng	#	69
37)	C140	1,2-Dichloropropane	6.22	63	35638	48.54	ng		96
38)	C278	Dibromomethane	6.34	93	19880	48.61	ng	#	75
39)	C130	Bromodichloromethane	6.46	83	38901	48.30	ng		99
40)	C161	2-Chloroethylvinyl E	6.69	63	137218	251.60	ng	#	85
41)	C012	Methylcycolhexane	6.14	83	40934	45.90	ng	#	81
42)	C145	cis-1,3-Dichloroprop	6.84	75	54180	47.60	ng		89
45)	C230	Toluene	7.12	92	82236	48.03	ng		98
46)	C170	trans-1,3-Dichloropr	7.33	75	51045	48.41	ng		92
47)	C284	Ethyl Methacrylate	7.36	69	50295	49.36	ng	#	76
48)	C160	1,1,2-Trichloroethan	7.52	83	25483	49.50	ng		83
49)	C210	4-Methyl-2-pentanone	6.95	43	232386	252.16	ng	#	87
50)	C220	Tetrachloroethene	7.61	166	32713	47.34	ng		91
51)	C221	1,3-Dichloropropane	7.66	76	56820	49.99	ng		97
52)	C155	Dibromochloromethane	7.88	129	32203	48.54	ng		99
53)	C163	1,2-Dibromoethane	8.00	107	32950	48.95	ng		96
54)	C215	2-Hexanone	7.70	43	164857	247.35	ng		100
55)	C235	Chlorobenzene	8.42	112	94564	47.98	ng		88
56)	C281	1,1,1,2-Tetrachloroe	8.50	131	32584	48.88	ng		94
57)	C240	Ethylbenzene	8.49	91	142331	48.71	ng		89
58)	C246	m,p-Xylene	8.59	106	120051	97.79	ng	#	85
59)	C247	o-Xylene	8.98	106	59330	49.06	ng	#	77
60)	C245	Styrene	9.00	104	95922	49.32	ng		95
63)	C180	Bromoform	9.23	173	21623	47.12	ng		94
64)	C966	Isopropylbenzene	9.32	105	143452	50.81	ng		92
65)	C301	Bromobenzene	9.66	156	41200	49.72	ng	#	66
66)	C225	1,1,2,2-Tetrachloroe	9.65	83	43051	49.33	ng		97
67)	C282	1,2,3-Trichloropropa	9.69	110	14195	49.29	ng		100
68)	C283	t-1,4-Dichloro-2-But	9.69	51	33794	253.08	ng		86
69)	C302	n-Propylbenzene	9.71	91	173510	52.01	ng		85

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

Data File : C:\HPCHEM\1\DATA\122305\Q9461.D
Acq On : 23 Dec 2005 10:26
Sample : VSTD010
Misc :
MS Integration Params: RTEINT.P
Quant Time: Dec 23 12:58 2005

Vial: 6
Operator: JMB
Inst : HP5973 Q
Multiplr: 1.00

Quant Results File: A5I02444.RES

Quant Method : C:\HPCHEM\1...\A5I02444.M (RTE Integrator)
Title : 8260 5ML
Last Update : Fri Dec 23 12:02:41 2005
Response via : Initial Calibration
DataAcq Meth : VOA

	Compound		R.T.	QIon	Response	Conc	Unit		Qvalue
70)	C303	2-Chlorotoluene	9.82	126	36257	50.61	ng		100
71)	C289	4-Chlorotoluene	9.91	126	36412	48.53	ng		100
72)	C304	1,3,5-Trimethylbenze	9.86	105	119583	51.92	ng	#	40
73)	C306	tert-Butylbenzene	10.15	134	27176	50.23	ng		100
74)	C307	1,2,4-Trimethylbenze	10.20	105	122263	52.06	ng		95
75)	C308	sec-Butylbenzene	10.35	105	136046	49.03	ng		90
76)	C260	1,3-Dichlorobenzene	10.48	146	74519	51.21	ng		98
77)	C309	4-Isopropyltoluene	10.46	119	125704	49.51	ng		95
78)	C267	1,4-Dichlorobenzene	10.56	146	75692	50.24	ng		96
79)	C249	1,2-Dichlorobenzene	10.88	146	73022	50.43	ng		94
80)	C310	n-Butylbenzene	10.81	91	96742	46.60	ng		85
81)	C286	1,2-Dibromo-3-Chloro	11.51	75	7993	49.05	ng	#	52
82)	C313	1,2,4-Trichlorobenze	12.12	180	47599	51.24	ng		99
83)	C316	Hexachlorobutadiene	12.21	225	14973	46.06	ng		96
84)	C314	Naphthalene	12.30	128	137363	54.08	ng		100
85)	C934	1,2,3-Trichlorobenze	12.47	180	45593	52.62	ng		100

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

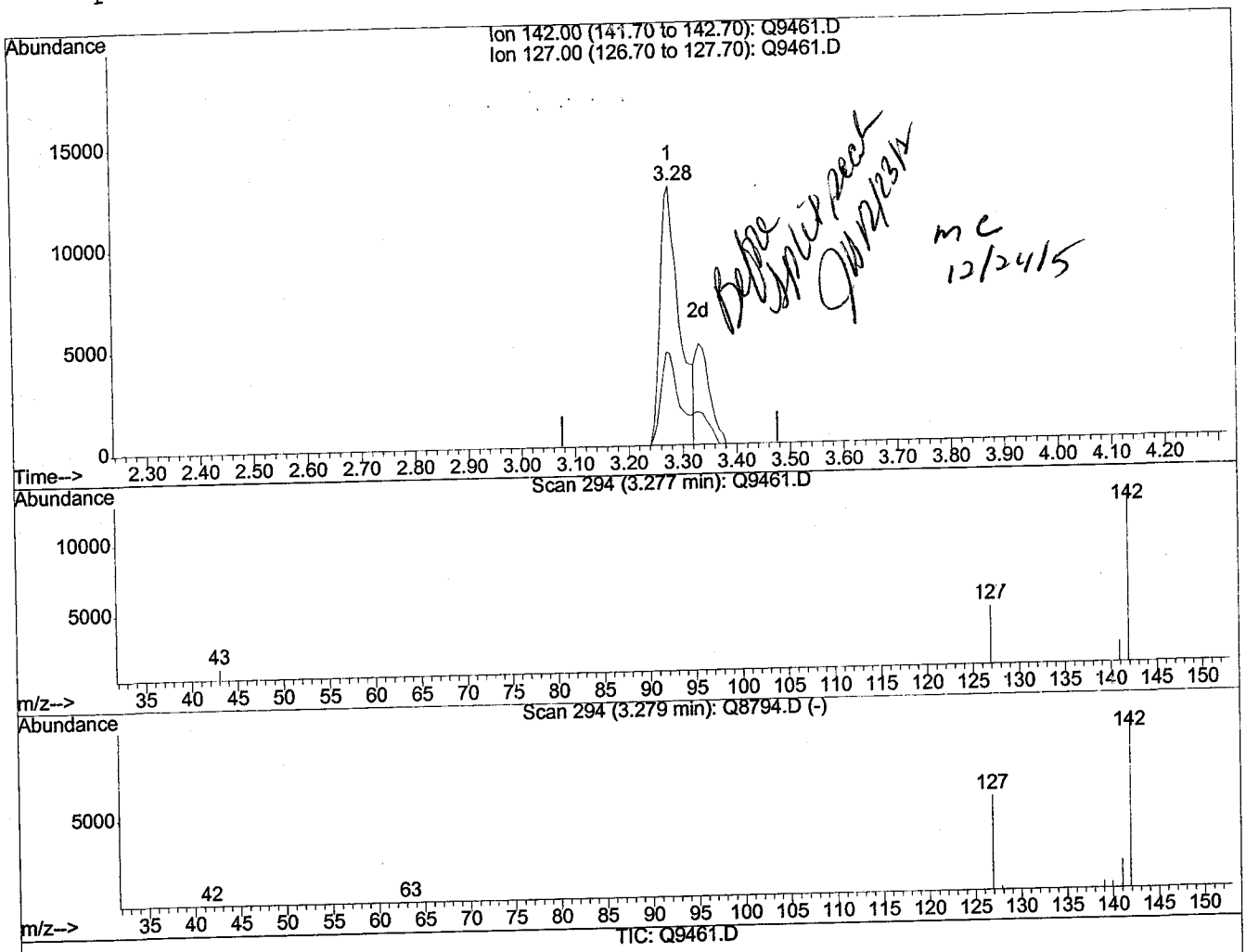
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\122305\Q9461.D
Acq On : 23 Dec 2005 10:26
Sample : VSTD010
Misc :
MS Integration Params: RTEINT.P
Quant Time: Dec 23 12:03 2005

Vial: 6
Operator: JMB
Inst : HP5973 Q
Multiplr: 1.00

Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\Q8260\A5I02444.M (RTE Integrator)
Title : 8260 5ML
Last Update : Fri Dec 23 12:56:48 2005
Response via : Multiple Level Calibration



Before ICV reset QM 12/23/5 mc 12/24/5

(15) C276 Iodomethane (T)

3.28min 42.71ng

response 31292

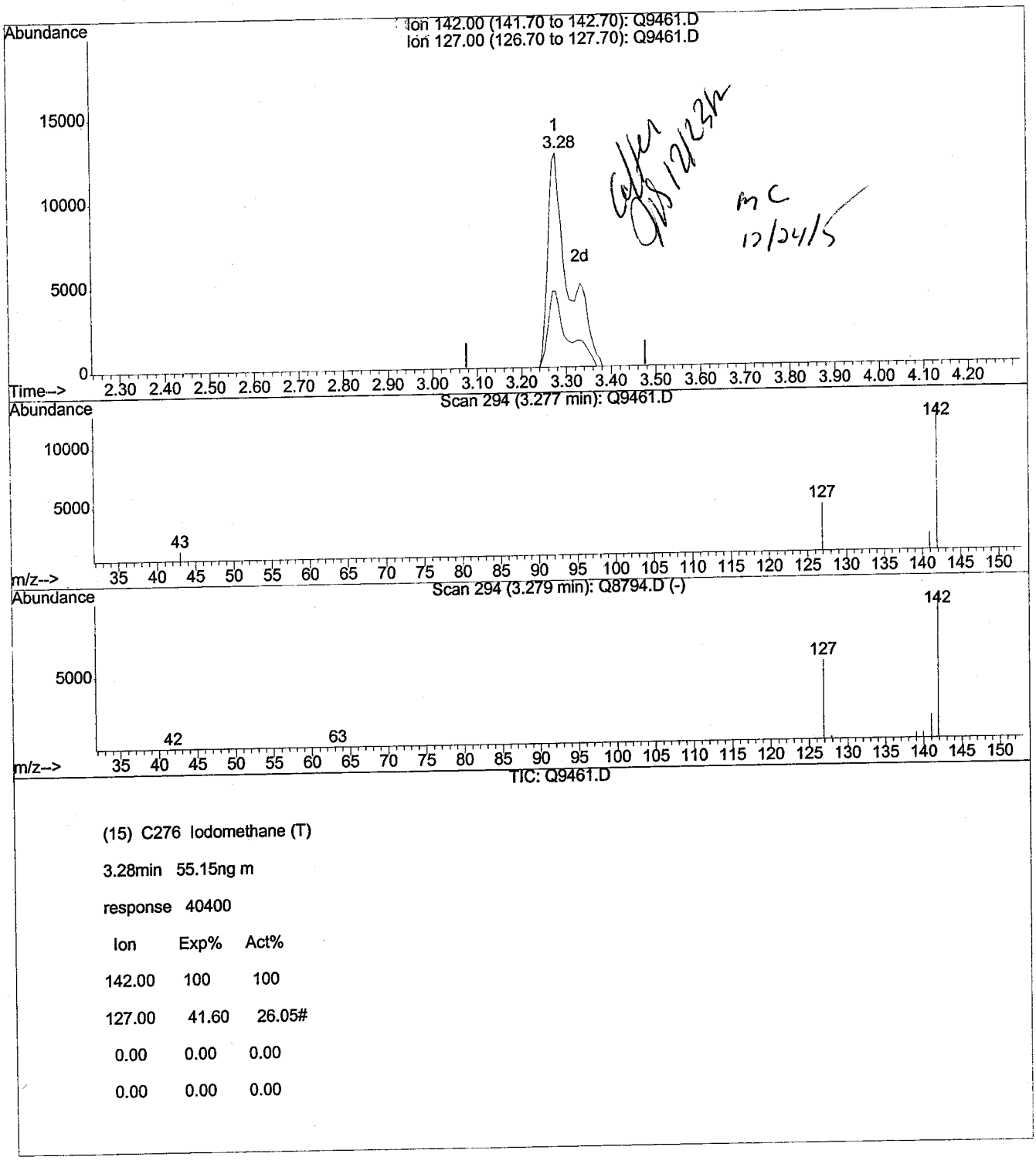
Ion	Exp%	Act%
142.00	100	100
127.00	41.60	33.64
0.00	0.00	0.00
0.00	0.00	0.00

Data File : C:\HPCHEM\1\DATA\122305\Q9461.D
Acq On : 23 Dec 2005 10:26
Sample : VSTD010
Misc :
MS Integration Params: RTEINT.P
Quant Time: Dec 23 12:58 2005

Vial: 6
Operator: JMB
Inst : HP5973 Q
Multiplr: 1.00

Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\Q8260\A5I02444.M (RTE Integrator)
Title : 8260 5ML
Last Update : Fri Dec 23 12:56:48 2005
Response via : Multiple Level Calibration



mc 12/24/5

(15) C276 Iodomethane (T)

3.28min 55.15ng m

response 40400

Ion	Exp%	Act%
142.00	100	100
127.00	41.60	26.05#
0.00	0.00	0.00
0.00	0.00	0.00

Data File : C:\HPCHEM\1\DATA\122305\Q9458.D
Acq On : 23 Dec 2005 9:01
Sample : VSTD025
Misc :
MS Integration Params: RTEINT.P
Quant Time: Dec 23 12:55 2005

Vial: 3
Operator: JMB
Inst : HP5973 Q
Multiplr: 1.00

Quant Results File: A5I02444.RES

Quant Method : C:\HPCHEM\1...\A5I02444.M (RTE Integrator)
Title : 8260 5ML
Last Update : Fri Dec 23 12:02:41 2005
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : C:\HPCHEM\1\DATA\122305\Q9458.D (23 Dec 2005 9:01)

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.77	114	277292	125.00	ng		0.00 100.00%
43) CI20	Chlorobenzene-D5	8.39	117	244718	125.00	ng		0.00 100.00%
62) CI30	1,4-Dichlorobenzene-	10.53	152	117329	125.00	ng		0.00 100.00%
System Monitoring Compounds								
30) CS87	Dibromofluoromethane	5.14	111	77520	128.47	ng		0.00
Spiked Amount	125.000	Range	70 - 130	Recovery	=	102.78%		
31) CS15	1,2-Dichloroethane-D	5.43	65	87512	124.74	ng		0.00
Spiked Amount	125.000	Range	72 - 143	Recovery	=	99.79%		
44) CS05	Toluene-D8	7.05	98	306947	126.97	ng		0.00
Spiked Amount	125.000	Range	76 - 116	Recovery	=	101.58%		
61) CS10	p-Bromofluorobenzene	9.51	174	98332	126.24	ng		0.00
Spiked Amount	125.000	Range	73 - 117	Recovery	=	100.99%		
Target Compounds								Qvalue
2) C290	Dichlorodifluorometh	1.59	85	70173	143.36	ng		100
3) C010	Chloromethane	1.83	50	82085	131.41	ng		99
4) C020	Vinyl chloride	1.90	62	81079	135.17	ng		96
5) C015	Bromomethane	2.24	94	31421m	148.53	ng		95
6) C025	Chloroethane	2.35	64	32653	142.39	ng		96
7) C275	Trichlorofluorometha	2.59	101	92605	136.84	ng		99
8) C045	1,1-Dichloroethene	3.11	96	71879	131.71	ng		96
9) C030	Methylene chloride	3.59	84	84377	125.66	ng		99
10) C040	Carbon disulfide	3.32	76	238660	127.66	ng		99
11) C036	Acrolein	3.05	56	57182	1348.27	ng		95
12) C038	Acrylonitrile	3.84	53	860430	2533.57	ng		98
13) C035	Acetone	3.20	43	167712	622.50	ng		95
14) C300	Acetonitrile	3.48	41	625321	5051.46	ng		99
15) C276	Iodomethane	3.28	142	86501	118.78	ng		89
16) C291	1,1,2 Trichloro-1,2,	3.09	101	62244	134.15	ng	#	81
17) C962	T-butyl Methyl Ether	3.79	73	268891	125.98	ng		99
18) C057	trans-1,2-Dichloroet	3.82	96	83088	129.97	ng		92
19) C255	Methyl Acetate	3.48	43	116790	122.90	ng		98
20) C050	1,1-Dichloroethane	4.21	63	156401	127.63	ng		99
21) C125	Vinyl Acetate	4.23	43	1095856	648.71	ng		100
22) C051	2,2-Dichloropropane	4.69	77	126010	132.62	ng		96

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

Data File : C:\HPCHEM\1\DATA\122305\Q9458.D
Acq On : 23 Dec 2005 9:01
Sample : VSTD025
Misc :
MS Integration Params: RTEINT.P
Quant Time: Dec 23 12:55 2005

Vial: 3
Operator: JMB
Inst : HP5973 Q
Multiplr: 1.00

Quant Results File: A5I02444.RES

Quant Method : C:\HPCHEM\1...\A5I02444.M (RTE Integrator)
Title : 8260 5ML
Last Update : Fri Dec 23 12:02:41 2005
Response via : Initial Calibration
DataAcq Meth : VOA

	Compound	R.T.	QIon	Response	Conc Unit		Qvalue
23)	C056 cis-1,2-Dichloroethe	4.72	96	91648	128.52 ng		94
24)	C272 Tetrahydrofuran	4.97	42	198561	636.03 ng		95
25)	C222 Bromochloromethane	4.94	128	48091	134.88 ng	#	79
26)	C060 Chloroform	4.99	83	142948	128.33 ng		98
27)	C115 1,1,1-Trichloroethan	5.13	97	117297	130.73 ng		97
28)	C120 Carbon tetrachloride	5.27	117	103076	133.58 ng		100
29)	C116 1,1-Dichloropropene	5.27	75	113466	130.92 ng		92
32)	C165 Benzene	5.45	78	351045	127.91 ng		99
33)	C065 1,2-Dichloroethane	5.50	62	119718	129.88 ng		95
34)	C110 2-Butanone	4.73	43	288991	634.30 ng		99
35)	C256 Cyclohexane	5.16	56	112940	124.54 ng		99
36)	C150 Trichloroethene	6.00	95	83888	125.04 ng	#	70
37)	C140 1,2-Dichloropropane	6.21	63	93469	128.08 ng		97
38)	C278 Dibromomethane	6.34	93	53025	130.45 ng	#	79
39)	C130 Bromodichloromethane	6.46	83	105640	131.96 ng		97
40)	C161 2-Chloroethylvinyl E	6.69	63	349626	644.92 ng	#	85
41)	C012 Methylcycolhexane	6.14	83	88273	99.58 ng	#	79
42)	C145 cis-1,3-Dichloroprop	6.84	75	147460	130.33 ng		88
45)	C230 Toluene	7.11	92	221542	127.32 ng		95
46)	C170 trans-1,3-Dichloropr	7.33	75	138055	128.83 ng		96
47)	C284 Ethyl Methacrylate	7.36	69	131301	126.80 ng	#	75
48)	C160 1,1,2-Trichloroethan	7.51	83	66622	127.33 ng		91
49)	C210 4-Methyl-2-pentanone	6.95	43	589789	629.70 ng	#	87
50)	C220 Tetrachloroethene	7.61	166	87813	125.05 ng		93
51)	C221 1,3-Dichloropropane	7.66	76	145458	125.93 ng		98
52)	C155 Dibromochloromethane	7.88	129	88002	130.52 ng		98
53)	C163 1,2-Dibromoethane	8.00	107	87738	128.26 ng		96
54)	C215 2-Hexanone	7.70	43	426110	629.07 ng		99
55)	C235 Chlorobenzene	8.42	112	253463	126.53 ng		89
56)	C281 1,1,1,2-Tetrachloroe	8.50	131	86364	127.47 ng		93
57)	C240 Ethylbenzene	8.49	91	373598	125.80 ng		89
58)	C246 m,p-Xylene	8.59	106	315224	252.66 ng	#	83
59)	C247 o-Xylene	8.98	106	155788	126.76 ng	#	81
60)	C245 Styrene	9.00	104	253676	128.33 ng		96
63)	C180 Bromoform	9.23	173	60571	128.08 ng		97
64)	C966 Isopropylbenzene	9.32	105	347790	119.53 ng		91
65)	C301 Bromobenzene	9.66	156	106045	124.17 ng	#	68
66)	C225 1,1,2,2-Tetrachloroe	9.66	83	116554	129.60 ng		96
67)	C282 1,2,3-Trichloropropa	9.70	110	37495	126.32 ng		100
68)	C283 t-1,4-Dichloro-2-But	9.69	51	85261	619.59 ng		82
69)	C302 n-Propylbenzene	9.71	91	401220	116.69 ng		85

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

Data File : C:\HPCHEM\1\DATA\122305\Q9458.D
Acq On : 23 Dec 2005 9:01
Sample : VSTD025
Misc :
MS Integration Params: RTEINT.P
Quant Time: Dec 23 12:55 2005

Vial: 3
Operator: JMB
Inst : HP5973 Q
Multiplr: 1.00

Quant Results File: A5I02444.RES

Quant Method : C:\HPCHEM\1...\A5I02444.M (RTE Integrator)
Title : 8260 5ML
Last Update : Fri Dec 23 12:02:41 2005
Response via : Initial Calibration
DataAcq Meth : VOA

	Compound		R.T.	QIon	Response	Conc	Unit		Qvalue
70)	C303	2-Chlorotoluene	9.82	126	90386	122.43	ng		100
71)	C289	4-Chlorotoluene	9.91	126	94535	122.25	ng		100
72)	C304	1,3,5-Trimethylbenze	9.86	105	268232	113.00	ng	#	39
73)	C306	tert-Butylbenzene	10.16	134	58297	104.55	ng		100
74)	C307	1,2,4-Trimethylbenze	10.20	105	278724	115.17	ng		93
75)	C308	sec-Butylbenzene	10.35	105	270606	94.63	ng		89
76)	C260	1,3-Dichlorobenzene	10.48	146	178604	119.09	ng		95
77)	C309	4-Isopropyltoluene	10.46	119	251161	95.99	ng		94
78)	C267	1,4-Dichlorobenzene	10.56	146	186703	120.25	ng		94
79)	C249	1,2-Dichlorobenzene	10.87	146	179081	120.01	ng		95
80)	C310	n-Butylbenzene	10.81	91	187991	87.86	ng		82
81)	C286	1,2-Dibromo-3-Chloro	11.51	75	21939	130.65	ng	#	61
82)	C313	1,2,4-Trichlorobenze	12.12	180	90780	94.82	ng		97
83)	C316	Hexachlorobutadiene	12.21	225	24037	71.76	ng		95
84)	C314	Naphthalene	12.30	128	296341	113.21	ng		100
85)	C934	1,2,3-Trichlorobenze	12.48	180	85898	96.20	ng		99

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

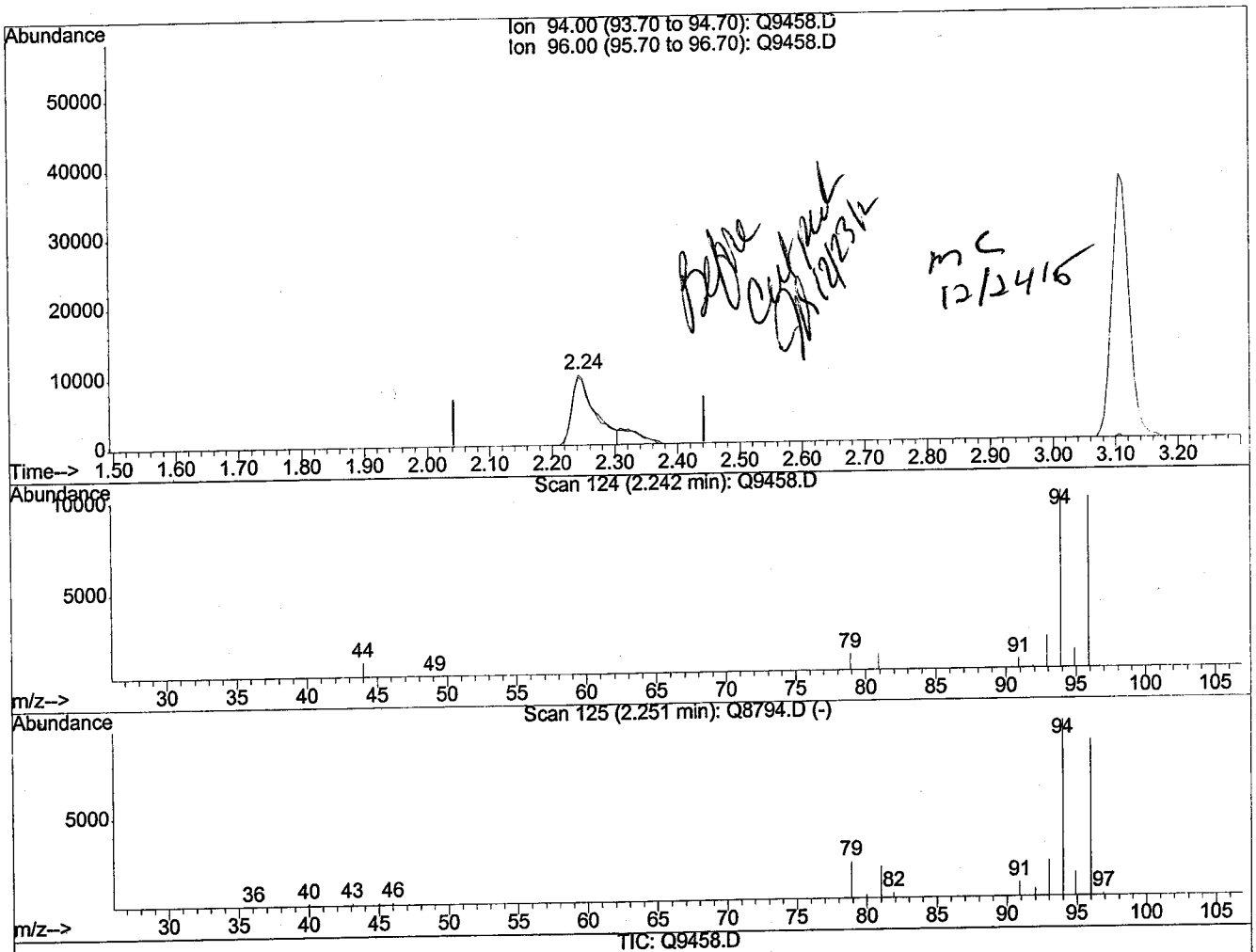
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\122305\Q9458.D
Acq On : 23 Dec 2005 9:01
Sample : VSTD025
Misc :
MS Integration Params: RTEINT.P
Quant Time: Dec 23 12:02 2005

Vial: 3
Operator: JMB
Inst : HP5973 Q
Multiplr: 1.00

Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\Q8260\A5I02444.M (RTE Integrator)
Title : 8260 5ML
Last Update : Fri Dec 23 12:48:52 2005
Response via : Multiple Level Calibration



(5) C015 Bromomethane (T)

2.24min 122.05ng

response 25818

Ion	Exp%	Act%
94.00	100	100
96.00	91.90	96.71
0.00	0.00	0.00
0.00	0.00	0.00

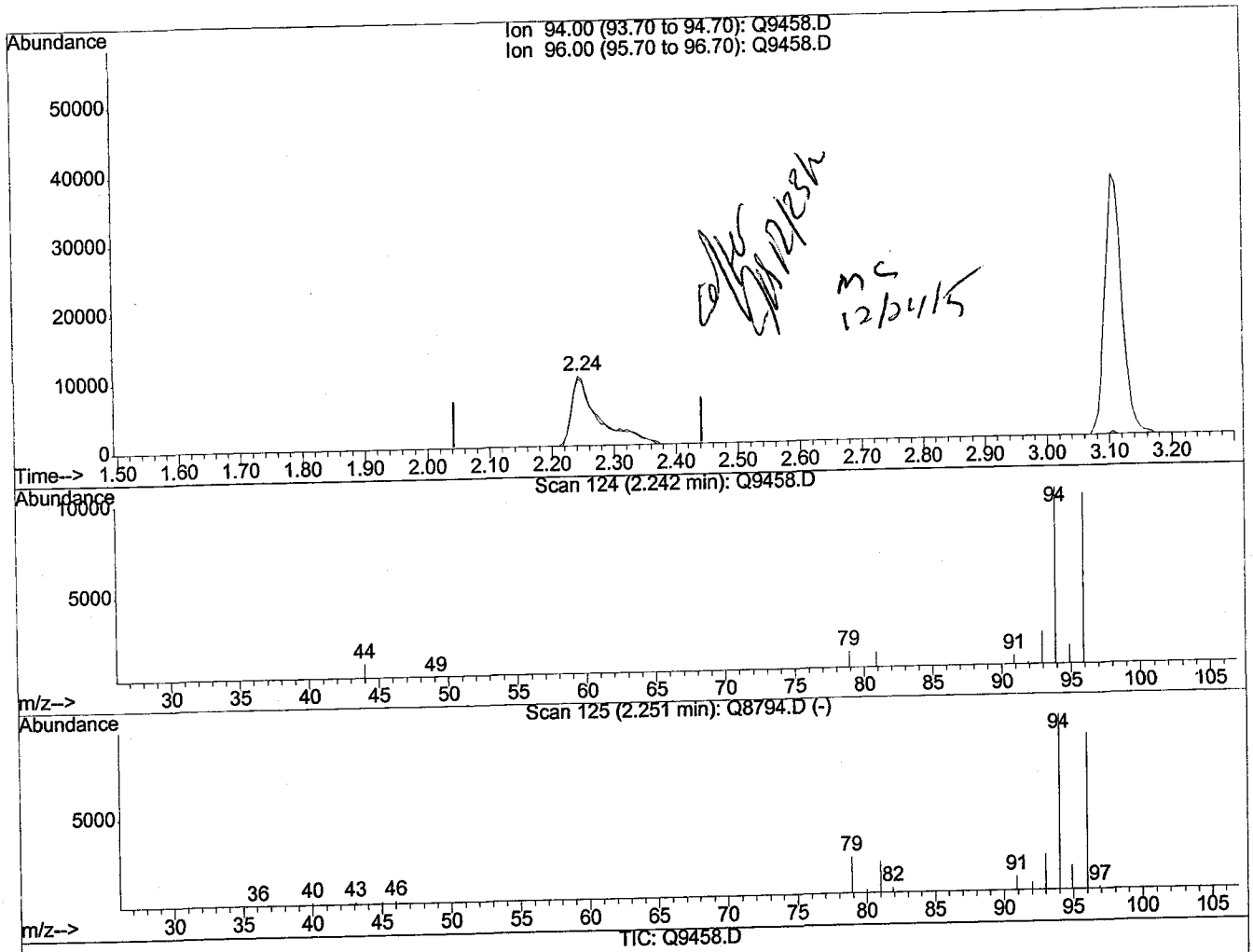
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\122305\Q9458.D
Acq On : 23 Dec 2005 9:01
Sample : VSTD025
Misc :
MS Integration Params: RTEINT.P
Quant Time: Dec 23 12:55 2005

Vial: 3
Operator: JMB
Inst : HP5973 Q
Multiplr: 1.00

Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\Q8260\A5I02444.M (RTE Integrator)
Title : 8260 5ML
Last Update : Fri Dec 23 12:48:52 2005
Response via : Multiple Level Calibration



(5) C015 Bromomethane (T)

2.24min 148.53ng m

response 31421

Ion	Exp%	Act%
94.00	100	100
96.00	91.90	96.71
0.00	0.00	0.00
0.00	0.00	0.00

Data File : C:\HPCHEM\1\DATA\122305\Q9460.D
Acq On : 23 Dec 2005 9:57
Sample : VSTD050
Misc :
MS Integration Params: RTEINT.P
Quant Time: Dec 23 12:03 2005

Vial: 5
Operator: JMB
Inst : HP5973 Q
Multiplr: 1.00

Quant Results File: A5I02444.RES

Quant Method : C:\HPCHEM\1...\A5I02444.M (RTE Integrator)
Title : 8260 5ML
Last Update : Fri Dec 23 12:02:41 2005
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : C:\HPCHEM\1\DATA\122305\Q9458.D (23 Dec 2005 9:01)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10 1,4-Difluorobenzene	5.77	114	283024	125.00	ng	0.00 102.07%
43) CI20 Chlorobenzene-D5	8.39	117	245365	125.00	ng	0.00 100.26%
62) CI30 1,4-Dichlorobenzene-	10.53	152	117940	125.00	ng	0.00 100.52%
System Monitoring Compounds						
30) CS87 Dibromofluoromethane	5.14	111	158219	256.90	ng	0.00
Spiked Amount 125.000	Range 70 - 130		Recovery = 205.52%#			
31) CS15 1,2-Dichloroethane-D	5.43	65	180482	252.05	ng	0.00
Spiked Amount 125.000	Range 72 - 143		Recovery = 201.64%#			
44) CS05 Toluene-D8	7.06	98	620001	255.78	ng	0.00
Spiked Amount 125.000	Range 76 - 116		Recovery = 204.62%#			
61) CS10 p-Bromofluorobenzene	9.51	174	198340	253.95	ng	0.00
Spiked Amount 125.000	Range 73 - 117		Recovery = 203.16%#			
Target Compounds						Qvalue
2) C290 Dichlorodifluorometh	1.59	85	149228	298.69	ng	96
3) C010 Chloromethane	1.84	50	172405	270.41	ng	99
4) C020 Vinyl chloride	1.90	62	169985	277.65	ng	100
5) C015 Bromomethane	2.24	94	59677	276.39	ng	99
6) C025 Chloroethane	2.35	64	68569	292.95	ng	98
7) C275 Trichlorofluorometha	2.59	101	193100	279.56	ng	98
8) C045 1,1-Dichloroethene	3.11	96	148178	266.01	ng	95
9) C030 Methylene chloride	3.59	84	169013	246.61	ng	98
10) C040 Carbon disulfide	3.32	76	493444	258.60	ng	99
11) C036 Acrolein	3.05	56	272294	6290.27	ng	96
12) C038 Acrylonitrile	3.84	53	1722375	4968.89	ng	98
13) C035 Acetone	3.20	43	337540	1227.47	ng	96
14) C300 Acetonitrile	3.48	41	1241351	9824.77	ng	99
15) C276 Iodomethane	3.28	142	216749	291.61	ng	89
16) C291 1,1,2 Trichloro-1,2,	3.08	101	130607	275.78	ng	# 82
17) C962 T-butyl Methyl Ether	3.79	73	550856	252.85	ng	100
18) C057 trans-1,2-Dichloroet	3.82	96	168865	258.80	ng	91
19) C255 Methyl Acetate	3.48	43	233853	241.10	ng	100
20) C050 1,1-Dichloroethane	4.21	63	318718	254.81	ng	99
21) C125 Vinyl Acetate	4.23	43	2190849	1270.64	ng	99
22) C051 2,2-Dichloropropane	4.70	77	250873	258.68	ng	95

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\122305\Q9460.D
Acq On : 23 Dec 2005 9:57
Sample : VSTD050
Misc :
MS Integration Params: RTEINT.P
Quant Time: Dec 23 12:03 2005

Vial: 5
Operator: JMB
Inst : HP5973 Q
Multiplr: 1.00

Quant Results File: A5I02444.RES

Quant Method : C:\HPCHEM\1...\A5I02444.M (RTE Integrator)
Title : 8260 5ML
Last Update : Fri Dec 23 12:02:41 2005
Response via : Initial Calibration
DataAcq Meth : VOA

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
23)	C056 cis-1,2-Dichloroethe	4.72	96	185691	255.13	ng		94
24)	C272 Tetrahydrofuran	4.96	42	404827	1270.47	ng		95
25)	C222 Bromochloromethane	4.94	128	95473	262.34	ng	#	79
26)	C060 Chloroform	4.99	83	288561	253.81	ng		98
27)	C115 1,1,1-Trichloroethan	5.13	97	241933	264.17	ng		96
28)	C120 Carbon tetrachloride	5.27	117	214819	272.74	ng		100
29)	C116 1,1-Dichloropropene	5.27	75	232578	262.92	ng		94
32)	C165 Benzene	5.45	78	709141	253.15	ng		100
33)	C065 1,2-Dichloroethane	5.50	62	243523	258.84	ng		95
34)	C110 2-Butanone	4.73	43	587586	1263.56	ng		99
35)	C256 Cyclohexane	5.16	56	246268	266.06	ng		99
36)	C150 Trichloroethene	6.00	95	170135	248.46	ng	#	73
37)	C140 1,2-Dichloropropane	6.21	63	189389	254.26	ng		96
38)	C278 Dibromomethane	6.34	93	107613	259.38	ng	#	77
39)	C130 Bromodichloromethane	6.46	83	212426	259.97	ng		95
40)	C161 2-Chloroethylvinyl E	6.69	63	701577	1267.93	ng	#	85
41)	C012 Methylcycolhexane	6.14	83	199597	220.60	ng	#	80
42)	C145 cis-1,3-Dichloroprop	6.84	75	296422	256.67	ng		89
45)	C230 Toluene	7.11	92	446999	256.21	ng		95
46)	C170 trans-1,3-Dichloropr	7.33	75	280368	260.95	ng		95
47)	C284 Ethyl Methacrylate	7.36	69	271611	261.61	ng	#	76
48)	C160 1,1,2-Trichloroethan	7.52	83	133581	254.63	ng		86
49)	C210 4-Methyl-2-pentanone	6.95	43	1193163	1270.54	ng	#	86
50)	C220 Tetrachloroethene	7.61	166	181276	257.46	ng		93
51)	C221 1,3-Dichloropropane	7.66	76	294995	254.71	ng		96
52)	C155 Dibromochloromethane	7.89	129	181905	269.09	ng		100
53)	C163 1,2-Dibromoethane	8.00	107	177324	258.54	ng		94
54)	C215 2-Hexanone	7.70	43	868932	1279.43	ng		98
55)	C235 Chlorobenzene	8.42	112	510526	254.18	ng		88
56)	C281 1,1,1,2-Tetrachloroe	8.50	131	179469	264.19	ng		96
57)	C240 Ethylbenzene	8.49	91	759852	255.19	ng		90
58)	C246 m,p-Xylene	8.59	106	636672	508.96	ng	#	83
59)	C247 o-Xylene	8.98	106	314054	254.87	ng	#	79
60)	C245 Styrene	9.00	104	511679	258.17	ng		94
63)	C180 Bromoform	9.23	173	130149	273.78	ng		99
64)	C966 Isopropylbenzene	9.32	105	724761	247.80	ng		91
65)	C301 Bromobenzene	9.66	156	217272	253.09	ng	#	68
66)	C225 1,1,2,2-Tetrachloroe	9.66	83	227791	251.97	ng		97
67)	C282 1,2,3-Trichloropropa	9.70	110	74625	250.12	ng		100
68)	C283 t-1,4-Dichloro-2-But	9.69	51	166331	1202.46	ng	#	78
69)	C302 n-Propylbenzene	9.71	91	844391	244.31	ng		88

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

Data File : C:\HPCHEM\1\DATA\122305\Q9460.D
Acq On : 23 Dec 2005 9:57
Sample : VSTD050
Misc :
RTE Integration Params: RTEINT.P
Quant Time: Dec 23 12:03 2005

Vial: 5
Operator: JMB
Inst : HP5973 Q
Multiplr: 1.00

Quant Results File: A5I02444.RES

Quant Method : C:\HPCHEM\1...\A5I02444.M (RTE Integrator)
Title : 8260 5ML
Last Update : Fri Dec 23 12:02:41 2005
Response via : Initial Calibration
DataAcq Meth : VOA

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
70) C303	2-Chlorotoluene	9.82	126	186158	250.85	ng		100
71) C289	4-Chlorotoluene	9.91	126	195603	251.64	ng		100
72) C304	1,3,5-Trimethylbenze	9.86	105	575070	241.01	ng	#	41
73) C306	tert-Butylbenzene	10.16	134	126975	226.54	ng		100
74) C307	1,2,4-Trimethylbenze	10.20	105	586624	241.14	ng		95
75) C308	sec-Butylbenzene	10.35	105	593319	206.40	ng		89
76) C260	1,3-Dichlorobenzene	10.48	146	373516	247.76	ng		95
77) C309	4-Isopropyltoluene	10.46	119	549008	208.73	ng		94
78) C267	1,4-Dichlorobenzene	10.56	146	384136	246.14	ng		95
79) C249	1,2-Dichlorobenzene	10.87	146	370280	246.85	ng		94
80) C310	n-Butylbenzene	10.81	91	406899	189.19	ng		80
81) C286	1,2-Dibromo-3-Chloro	11.51	75	45359	268.71	ng	#	63
82) C313	1,2,4-Trichlorobenze	12.12	180	199226	207.01	ng		99
83) C316	Hexachlorobutadiene	12.21	225	55397	164.52	ng		96
84) C314	Naphthalene	12.30	128	635741	241.62	ng		100
85) C934	1,2,3-Trichlorobenze	12.48	180	192082	214.00	ng		98

Data File : C:\HPCHEM\1\DATA\122305\Q9459.D
Acq On : 23 Dec 2005 9:29
Sample : VSTD100
Misc :
MS Integration Params: RTEINT.P
Quant Time: Dec 23 12:03 2005

Vial: 4
Operator: JMB
Inst : HP5973 Q
Multiplr: 1.00

Quant Results File: A5I02444.RES

Quant Method : C:\HPCHEM\1...\A5I02444.M (RTE Integrator)
Title : 8260 5ML
Last Update : Fri Dec 23 12:02:41 2005
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : C:\HPCHEM\1\DATA\122305\Q9458.D (23 Dec 2005 9:01)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10 1,4-Difluorobenzene	5.77	114	281507	125.00	ng	0.00 101.52%
43) CI20 Chlorobenzene-D5	8.39	117	249003	125.00	ng	0.00 101.75%
62) CI30 1,4-Dichlorobenzene-	10.54	152	119066	125.00	ng	0.00 101.48%
System Monitoring Compounds						
30) CS87 Dibromofluoromethane	5.14	111	312759	510.56	ng	0.00
Spiked Amount 125.000	Range 70 - 130		Recovery = 408.45%#			
31) CS15 1,2-Dichloroethane-D	5.43	65	364461	511.72	ng	0.00
Spiked Amount 125.000	Range 72 - 143		Recovery = 409.38%#			
44) CS05 Toluene-D8	7.06	98	1223845	497.52	ng	0.00
Spiked Amount 125.000	Range 76 - 116		Recovery = 398.02%#			
61) CS10 p-Bromofluorobenzene	9.50	174	386664	487.85	ng	0.00
Spiked Amount 125.000	Range 73 - 117		Recovery = 390.28%#			
Target Compounds						Qvalue
2) C290 Dichlorodifluorometh	1.59	85	305800	615.39	ng	97
3) C010 Chloromethane	1.83	50	349397	550.98	ng	99
4) C020 Vinyl chloride	1.89	62	337607	554.42	ng	99
5) C015 Bromomethane	2.24	94	115075	535.84	ng	99
6) C025 Chloroethane	2.34	64	137167	589.17	ng	98
7) C275 Trichlorofluorometha	2.59	101	390365	568.19	ng	99
8) C045 1,1-Dichloroethene	3.11	96	285650	515.57	ng	95
9) C030 Methylene chloride	3.59	84	331602	486.46	ng	99
10) C040 Carbon disulfide	3.32	76	959486	505.54	ng	100
11) C036 Acrolein	3.05	56	427484	9928.53	ng	95
12) C038 Acrylonitrile	3.83	53	3294609	9555.85	ng	99
13) C035 Acetone	3.20	43	687118	2512.18	ng	96
14) C300 Acetonitrile	3.49	41	2497276	19871.40	ng	99
15) C276 Iodomethane	3.28	142	404446	547.07	ng	89
16) C291 1,1,2 Trichloro-1,2,	3.09	101	257179	545.96	ng #	82
17) C962 T-butyl Methyl Ether	3.79	73	1100374	507.81	ng	100
18) C057 trans-1,2-Dichloroet	3.82	96	321758	495.77	ng	90
19) C255 Methyl Acetate	3.48	43	463606	480.55	ng	100
20) C050 1,1-Dichloroethane	4.21	63	613368	493.03	ng	99
21) C125 Vinyl Acetate	4.23	43	4173940	2433.83	ng	99
22) C051 2,2-Dichloropropane	4.70	77	493211	511.30	ng	95

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

Data File : C:\HPCHEM\1\DATA\122305\Q9459.D
Acq On : 23 Dec 2005 9:29
Sample : VSTD100
Misc :
MS Integration Params: RTEINT.P
Quant Time: Dec 23 12:03 2005

Vial: 4
Operator: JMB
Inst : HP5973 Q
Multiplr: 1.00

Quant Results File: A5I02444.RES

Quant Method : C:\HPCHEM\1...\A5I02444.M (RTE Integrator)
Title : 8260 5ML
Last Update : Fri Dec 23 12:02:41 2005
Response via : Initial Calibration
DataAcq Meth : VOA

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
23)	C056 cis-1,2-Dichloroethe	4.72	96	358365	495.02	ng		94
24)	C272 Tetrahydrofuran	4.96	42	807416	2547.57	ng		96
25)	C222 Bromochloromethane	4.94	128	185674	512.94	ng	#	78
26)	C060 Chloroform	5.00	83	562158	497.11	ng		100
27)	C115 1,1,1-Trichloroethan	5.13	97	470649	516.68	ng		97
28)	C120 Carbon tetrachloride	5.26	117	421411	537.93	ng		99
29)	C116 1,1-Dichloropropene	5.26	75	452351	514.12	ng		93
32)	C165 Benzene	5.45	78	1374230	493.21	ng		99
33)	C065 1,2-Dichloroethane	5.50	62	478448	511.28	ng		95
34)	C110 2-Butanone	4.73	43	1173946	2538.09	ng		99
35)	C256 Cyclohexane	5.15	56	473634	514.45	ng		99
36)	C150 Trichloroethene	6.00	95	332984	488.91	ng	#	73
37)	C140 1,2-Dichloropropane	6.21	63	366392	494.54	ng		97
38)	C278 Dibromomethane	6.34	93	210321	509.67	ng	#	79
39)	C130 Bromodichloromethane	6.46	83	422441	519.78	ng		96
40)	C161 2-Chloroethylvinyl E	6.69	63	1348139	2449.55	ng	#	85
41)	C012 Methylcycolhexane	6.13	83	371814	413.16	ng	#	79
42)	C145 cis-1,3-Dichloroprop	6.84	75	590835	514.36	ng		88
45)	C230 Toluene	7.12	92	875752	494.63	ng		94
46)	C170 trans-1,3-Dichloropr	7.33	75	553469	507.61	ng		96
47)	C284 Ethyl Methacrylate	7.36	69	545311	517.55	ng	#	76
48)	C160 1,1,2-Trichloroethan	7.52	83	263162	494.31	ng		85
49)	C210 4-Methyl-2-pentanone	6.95	43	2336535	2451.71	ng	#	85
50)	C220 Tetrachloroethene	7.61	166	350515	490.54	ng		94
51)	C221 1,3-Dichloropropane	7.67	76	579369	492.95	ng		97
52)	C155 Dibromochloromethane	7.89	129	365269	532.44	ng		99
53)	C163 1,2-Dibromoethane	8.00	107	352636	506.64	ng		95
54)	C215 2-Hexanone	7.70	43	1720213	2495.87	ng		97
55)	C235 Chlorobenzene	8.42	112	996672	488.98	ng		89
56)	C281 1,1,1,2-Tetrachloroe	8.49	131	350622	508.59	ng		96
57)	C240 Ethylbenzene	8.49	91	1450302	479.95	ng		88
58)	C246 m,p-Xylene	8.60	106	1222508	963.00	ng	#	82
59)	C247 o-Xylene	8.98	106	605723	484.39	ng	#	82
60)	C245 Styrene	9.00	104	1014146	504.21	ng		95
63)	C180 Bromoform	9.23	173	264621	551.38	ng		100
64)	C966 Isopropylbenzene	9.32	105	1368954	463.63	ng		92
65)	C301 Bromobenzene	9.66	156	416955	481.10	ng	#	69
66)	C225 1,1,2,2-Tetrachloroe	9.66	83	438413	480.37	ng		99
67)	C282 1,2,3-Trichloropropa	9.70	110	139958	464.65	ng		100
68)	C283 t-1,4-Dichloro-2-But	9.70	51	321261	2300.53	ng	#	78
69)	C302 n-Propylbenzene	9.71	91	1530621	438.67	ng		90

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

ata File : C:\HPCHEM\1\DATA\122305\Q9459.D
cq On : 23 Dec 2005 9:29
ample : VSTD100
isc :
S Integration Params: RTEINT.P
Quant Time: Dec 23 12:03 2005

Vial: 4
Operator: JMB
Inst : HP5973 Q
Multiplr: 1.00

Quant Results File: A5I02444.RES

Quant Method : C:\HPCHEM\1...\A5I02444.M (RTE Integrator)
Title : 8260 5ML
Last Update : Fri Dec 23 12:02:41 2005
Response via : Initial Calibration
DataAcq Meth : VOA

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
70) C303	2-Chlorotoluene	9.81	126	358160	478.06	ng		100
71) C289	4-Chlorotoluene	9.91	126	377160	480.62	ng		100
72) C304	1,3,5-Trimethylbenze	9.86	105	1078965	447.91	ng	#	41
73) C306	tert-Butylbenzene	10.16	134	233307	412.32	ng		100
74) C307	1,2,4-Trimethylbenze	10.20	105	1113752	453.49	ng		95
75) C308	sec-Butylbenzene	10.34	105	1081477	372.66	ng		89
76) C260	1,3-Dichlorobenzene	10.48	146	707829	465.08	ng		95
77) C309	4-Isopropyltoluene	10.46	119	987751	371.99	ng		95
78) C267	1,4-Dichlorobenzene	10.56	146	733193	465.36	ng		95
79) C249	1,2-Dichlorobenzene	10.88	146	713633	471.24	ng		94
80) C310	n-Butylbenzene	10.81	91	737620	339.71	ng		78
81) C286	1,2-Dibromo-3-Chloro	11.51	75	91234	535.37	ng	#	67
82) C313	1,2,4-Trichlorobenze	12.11	180	361538	372.11	ng		97
83) C316	Hexachlorobutadiene	12.21	225	93370	274.67	ng		98
84) C314	Naphthalene	12.30	128	1190663	448.25	ng		100
85) C934	1,2,3-Trichlorobenze	12.48	180	348548	384.65	ng		98

METHOD 8260 - AQUEOUS (30% RSD/ 20% D)
INITIAL CALIBRATION DATA

Lab Name: STL Buffalo Contract: 4 Lab Sample ID: A5I0002442-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: _____

Intrument ID: HP5973S Calibration Dates(s): 12/22/2005 12/22/2005

Heated Purge (Y/N): N Calibration Times: 15:56 17:33

GC Column: DB-624 ID: 0.18(mm)

Lab File ID: RRF1 = S9602.RR RRF10 = S9601.RR
RRF25 = S9600.RR RRF50 = S9599.RR RRF100 = S9598.RR

COMPOUND	RRF1	RRF10	RRF25	RRF50	RRF100	AVG RRF	% RSD
Chloromethane	0.657	0.582	0.532	0.509	0.495	0.5550	11.900
Bromomethane	0.086	0.071	0.067	0.063	0.057	0.0690	16.200
Vinyl chloride	0.444	0.453	0.408	0.393	0.397	0.4190	6.600
Chloroethane	0.093	0.132	0.080	0.079	0.086	0.0940	23.500
Methylene chloride	0.725	0.498	0.476	0.445	0.438	0.5160	23.100
Acetone	0.153	0.123	0.141	0.131	0.123	0.1340	9.600
Carbon Disulfide	1.431	1.218	1.181	1.148	1.217	1.2390	9.000
1,1-Dichloroethene	0.372	0.421	0.389	0.381	0.383	0.3890	4.700
1,1-Dichloroethane	0.823	0.846	0.821	0.783	0.771	0.8090	3.800
cis-1,2-Dichloroethene	0.489	0.494	0.481	0.454	0.435	0.4700	5.400
trans-1,2-Dichloroethene	0.453	0.474	0.440	0.425	0.412	0.4410	5.400
Chloroform	0.709	0.717	0.714	0.671	0.668	0.6960	3.500
1,2-Dichloroethane	0.554	0.503	0.510	0.476	0.464	0.5010	7.000
2-Butanone	0.236	0.205	0.238	0.215	0.199	0.2180	8.100
1,1,1-Trichloroethane	0.511	0.575	0.547	0.541	0.542	0.5430	4.200
Carbon Tetrachloride	0.377	0.451	0.425	0.429	0.436	0.4240	6.600
Bromodichloromethane	0.401	0.473	0.485	0.478	0.481	0.4640	7.600
1,2-Dichloropropane	0.476	0.510	0.489	0.457	0.430	0.4720	6.400
cis-1,3-Dichloropropene	0.560	0.634	0.660	0.647	0.652	0.6310	6.400
Trichloroethene	0.460	0.461	0.440	0.427	0.424	0.4420	4.000
Dibromochloromethane	0.193	0.234	0.248	0.251	0.245	0.2340	10.200
1,1,2-Trichloroethane	0.231	0.239	0.241	0.230	0.219	0.2320	3.800
Benzene	2.007	2.048	1.944	1.834	1.774	1.9210	6.000
trans-1,3-Dichloropropene	0.321	0.390	0.415	0.424	0.408	0.3910	10.600
Bromoform	0.177	0.224	0.271	0.270	0.272	0.2430	17.300
4-Methyl-2-pentanone	0.334	0.318	0.363	0.335	0.309	0.3320	6.200
2-Hexanone	0.219	0.214	0.255	0.237	0.221	0.2290	7.300
Tetrachloroethene	0.298	0.320	0.288	0.283	0.262	0.2900	7.200
1,1,2,2-Tetrachloroethane	0.737	0.741	0.773	0.736	0.687	0.7340	4.200
Toluene	0.943	0.982	0.918	0.905	0.847	0.9190	5.400
Chlorobenzene	1.015	1.001	0.954	0.923	0.877	0.9540	5.900
Ethylbenzene	1.664	1.809	1.701	1.674	1.575	1.6840	5.000
Styrene	0.919	1.014	0.998	0.946	0.856	0.9470	6.700
Total Xylenes	0.647	0.653	0.633	0.598	0.539	0.6140	7.700
1,1,2-Trichloro-1,2,2-trifl	0.426	0.389	0.364	0.352	0.369	0.3800	7.700
1,2,4-Trichlorobenzene	0.615	0.614	0.635	0.626	0.594	0.6170	2.500
1,2-Dibromo-3-chloropropane	0.067	0.083	0.104	0.106	0.099	0.0920	17.900

METHOD 8260 - AQUEOUS (30% RSD/ 20% D)
INITIAL CALIBRATION DATA

Lab Name: STL Buffalo Contract: 4 Lab Sample ID: A5I0002442-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: _____

Intrument ID: HP5973S Calibration Dates(s): 12/22/2005 12/22/2005

Heated Purge (Y/N): N Calibration Times: 15:56 17:33

GC Column: DB-624 ID: 0.18(mm)

Lab File ID: RRF1 = S9602.RR RRF10 = S9601.RR
RRF25 = S9600.RR RRF50 = S9599.RR RRF100 = S9598.RR

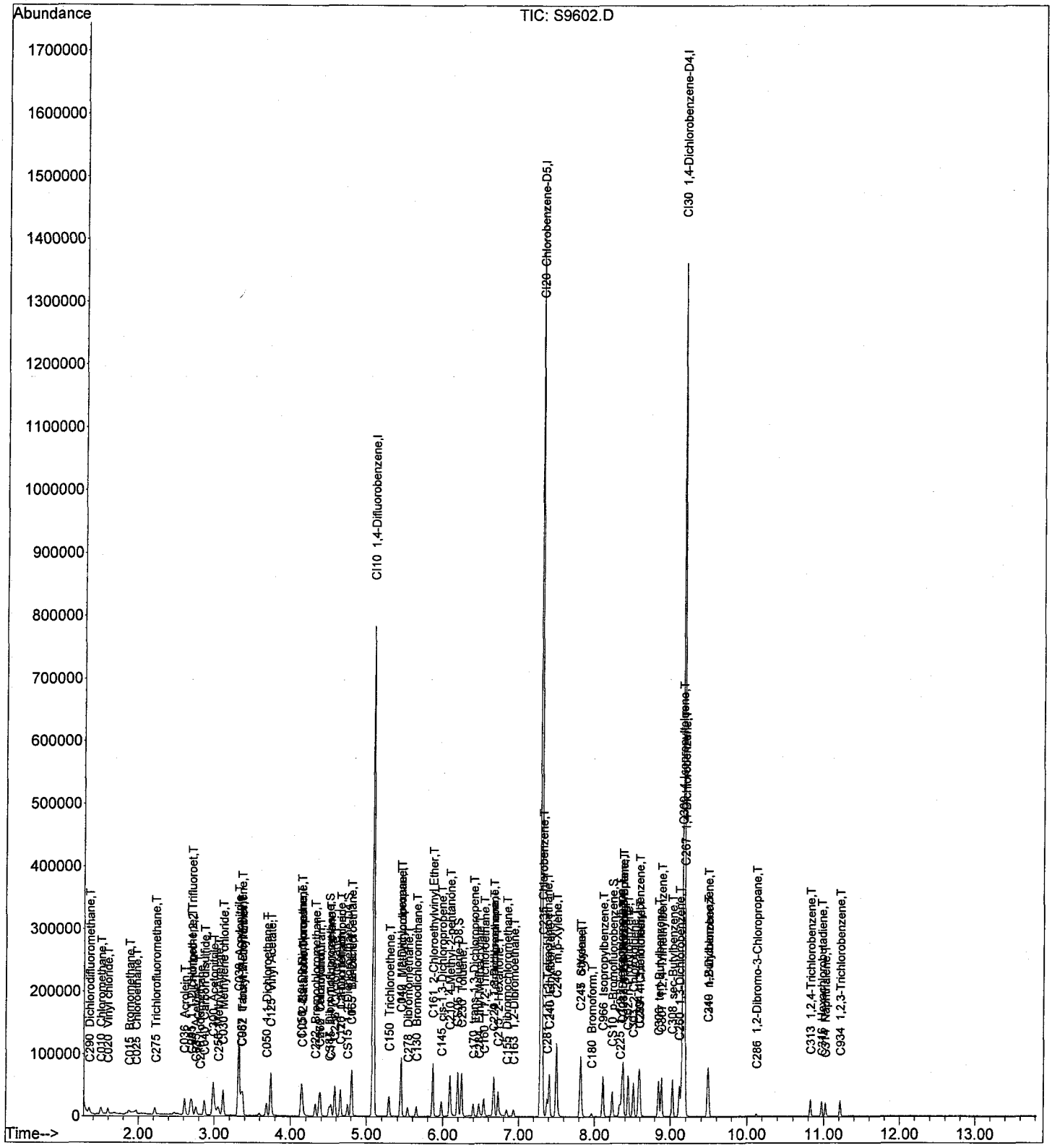
COMPOUND	RRF1	RRF10	RRF25	RRF50	RRF100	AVG RRF	% RSD
1,2-Dibromoethane	0.278	0.271	0.279	0.271	0.257	0.2710	3.300
1,2-Dichlorobenzene	1.377	1.275	1.261	1.167	1.065	1.2290	9.600
1,3-Dichlorobenzene	1.448	1.405	1.343	1.279	1.204	1.3360	7.300
1,4-Dichlorobenzene	1.600	1.367	1.323	1.255	1.192	1.3470	11.600
Cyclohexane	0.948	0.941	0.890	0.870	0.900	0.9100	3.700
Dichlorodifluoromethane	0.389	0.420	0.369	0.366	0.355	0.3800	6.700
Methyl acetate	0.643	0.535	0.606	0.556	0.535	0.5750	8.300
Naphthalene	1.292	1.581	1.934	1.860	1.734	1.6800	15.200
Trichlorofluoromethane	0.456	0.483	0.435	0.435	0.451	0.4520	4.300
Methyl-t-Butyl Ether (MTBE)	1.083	0.988	1.063	0.994	0.973	1.0200	4.800
Isopropylbenzene	3.197	3.582	3.359	3.245	3.066	3.2900	5.900
Methylcyclohexane	0.878	0.895	0.823	0.806	0.798	0.8400	5.200
Toluene-D8	1.450	1.317	1.120	1.169	1.136	1.2380	11.400
p-Bromofluorobenzene	0.326	0.283	0.264	0.271	0.263	0.2810	9.300
1,2-Dichloroethane-D4	0.455	0.391	0.355	0.360	0.365	0.3850	10.800

Comments:

Data File : D:\DATA\122205\S9602.D
Acq On : 22 Dec 2005 17:33
Sample : VSTD001
Misc :
MS Integration Params: RTEINT.P

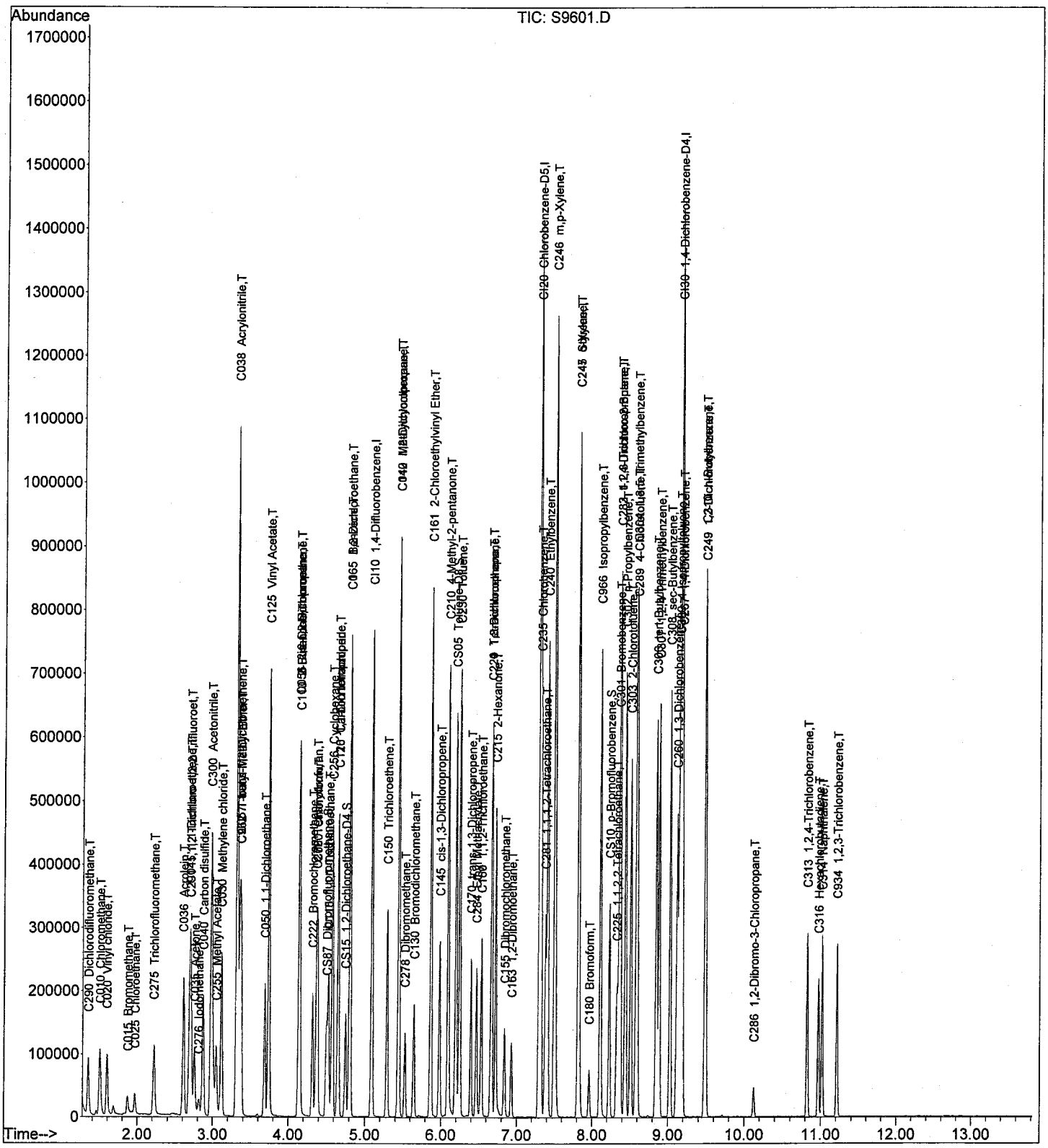
Vial: 6
Operator: TLC
Inst : HP5973S
Multiplr: 1.00

Quant Time: Dec 22 18:39:03 2005 Results File: A5I0002442_E2.RES
Quant Method : C:\MSDCHEM\1...\A5I0002442_E2.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Thu Dec 22 18:38:56 2005
Response via : Initial Calibration
DataAcq Meth : VOA



Data File : D:\DATA\122205\S9601.D Vial: 5
Acq On : 22 Dec 2005 17:09 Operator: TLC
Sample : VSTD010 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

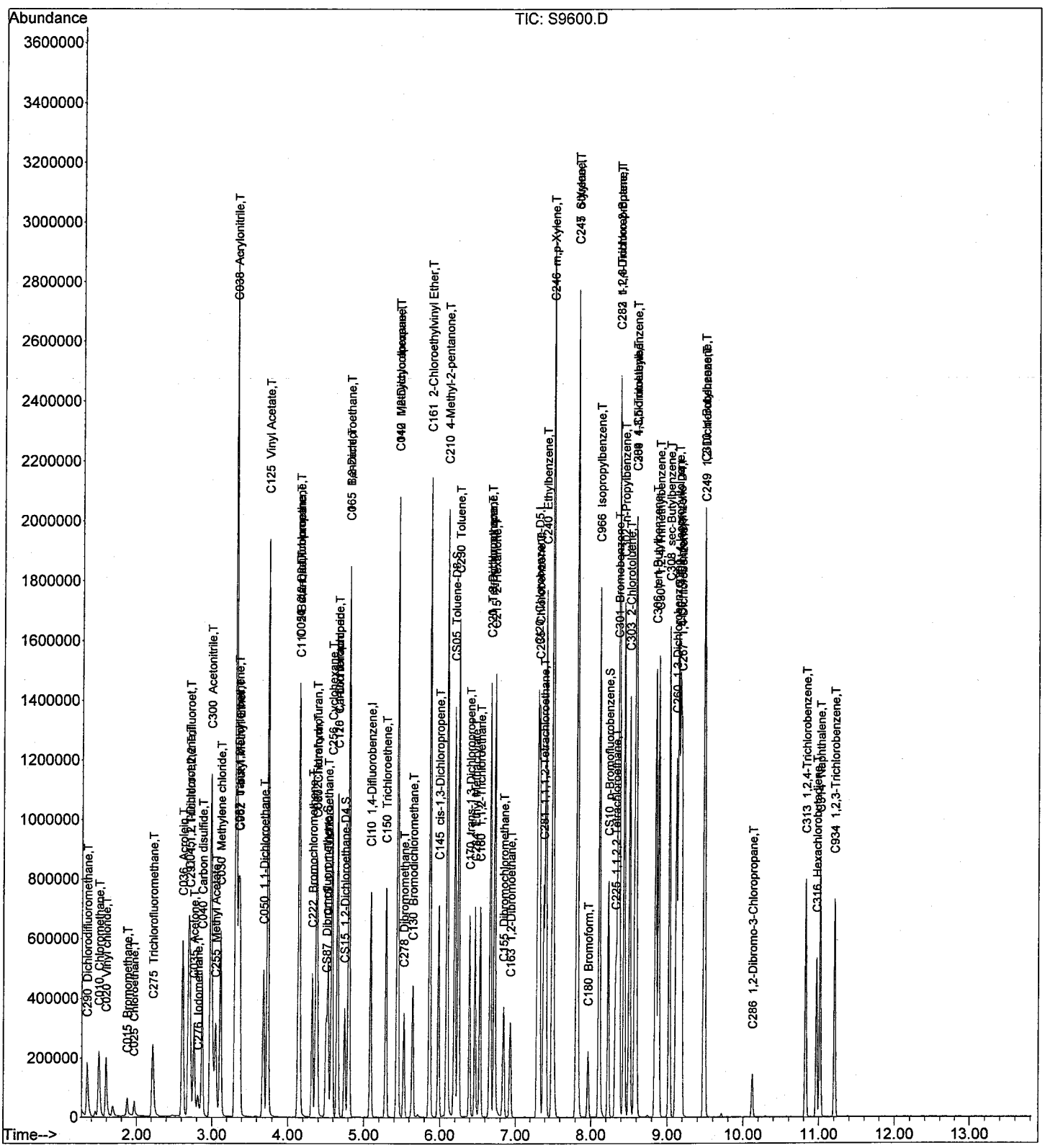
Quant Time: Dec 22 18:38:48 2005 Results File: A5I0002442_E2.RES
Quant Method : C:\MSDCHEM\1...\A5I0002442_E2.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Thu Dec 22 18:38:32 2005
Response via : Initial Calibration
DataAcq Meth : VOA



Data File : D:\DATA\122205\S9600.D
Acq On : 22 Dec 2005 16:44
Sample : VSTD025
Misc :
MS Integration Params: RTEINT.P

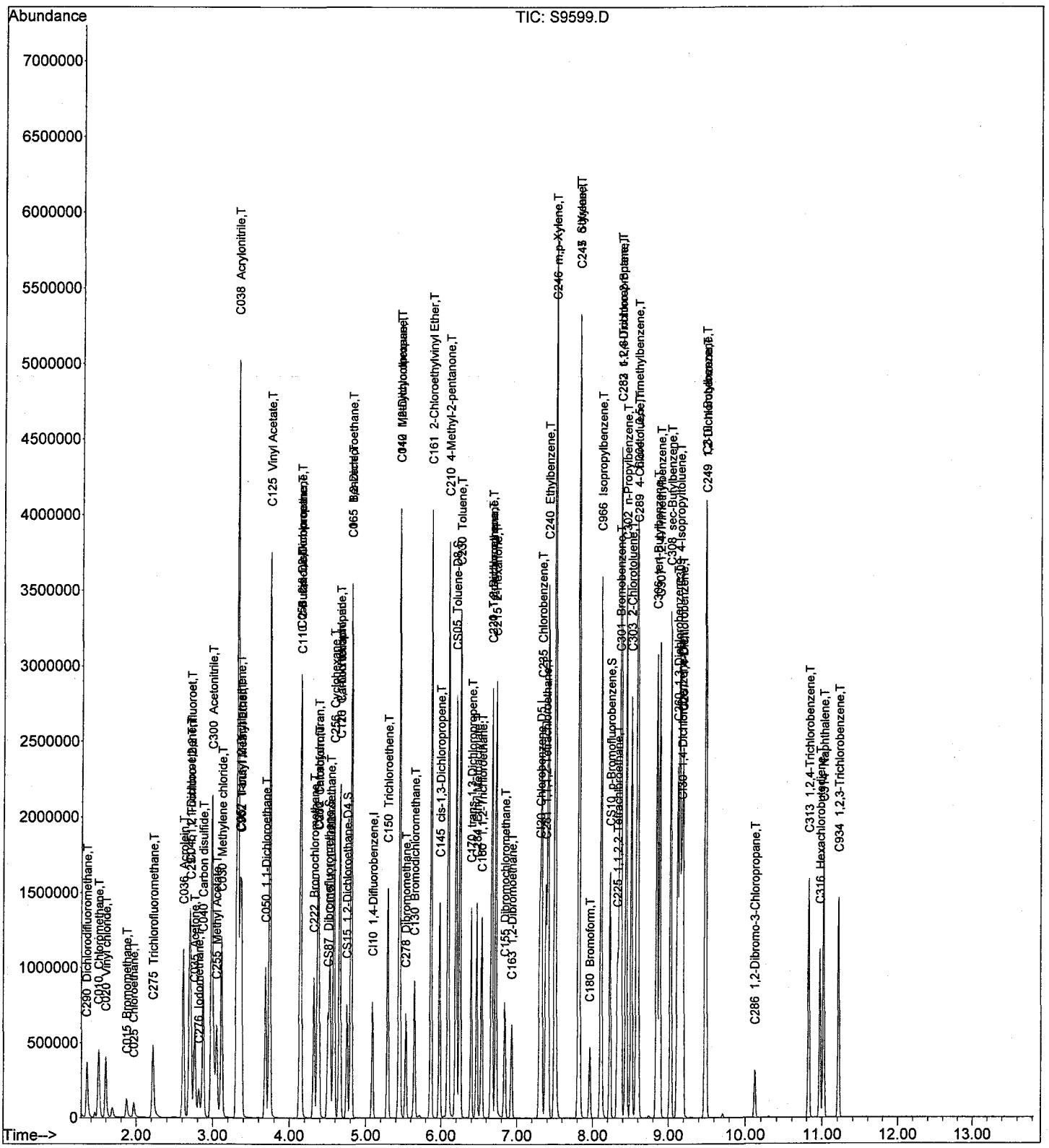
Vial: 4
Operator: TLC
Inst : HP5973S
Multiplr: 1.00

Quant Time: Dec 22 18:37:33 2005 Results File: A5I0002442_E2.RES
Quant Method : C:\MSDCHEM\1...\A5I0002442_E2.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Thu Dec 22 18:37:29 2005
Response via : Initial Calibration
DataAcq Meth : VOA



Data File : D:\DATA\122205\S9599.D Vial: 3
Acq On : 22 Dec 2005 16:20 Operator: TLC
Sample : VSTD050 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

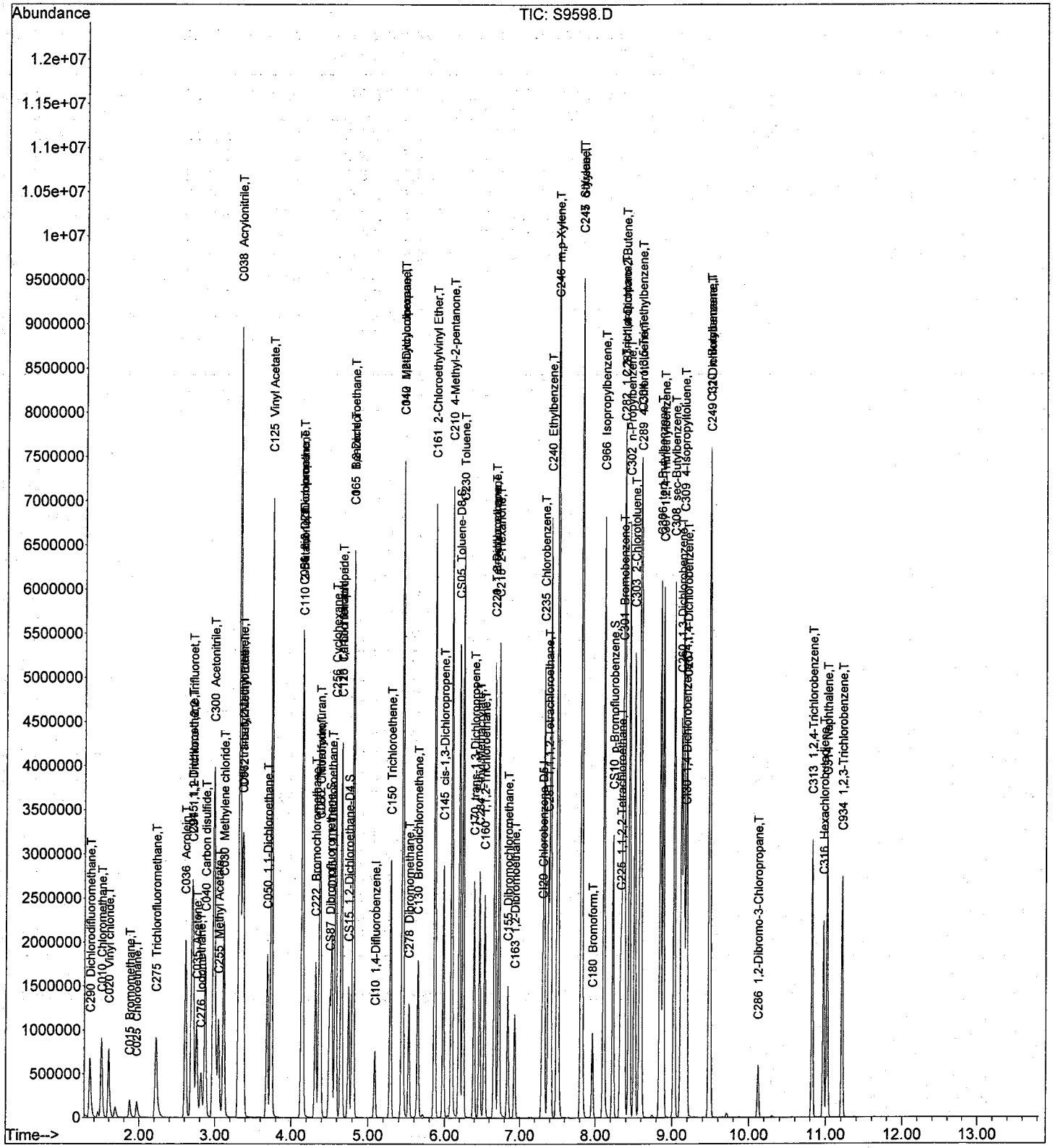
Quant Time: Dec 22 18:38:22 2005 Results File: A5I0002442_E2.RES
Quant Method : C:\MSDCHEM\1...\A5I0002442_E2.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Thu Dec 22 18:38:11 2005
Response via : Initial Calibration
DataAcq Meth : VOA



Data File : D:\DATA\122205\S9598.D
Acq On : 22 Dec 2005 15:56
Sample : VSTD100
Misc :
MS Integration Params: RTEINT.P

Vial: 2
Operator: TLC
Inst : HP5973S
Multiplr: 1.00

Quant Time: Dec 22 18:37:57 2005 Results File: A5I0002442_E2.RES
Quant Method : C:\MSDCHEM\1...\A5I0002442_E2.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Thu Dec 22 18:37:48 2005
Response via : Initial Calibration
DataAcq Meth : VOA



Response Factor Report HP5973S

Method Path : C:\MSDCHEM\1\METHODS\82605MLLOW\
Method File : A5I0002442_E2.M
Title : 8260 5ML WATER
Last Update : Thu Dec 22 18:39:09 2005
Response Via : Initial Calibration

263

8260 5ML A5I..2442

Calibration Files
1 =S9602.D 2 =S9601.D 3 =S9600.D
4 =S9599.D 5 =S9598.D

			Compound	1	2	3	4	5	Avg	%RSD
1)	I	CI10	1,4-Difluoroben	----------ISTD----------						
2)	T	C290	Dichlorodifluor	0.389	0.420	0.369	0.366	0.355	0.380	6.72
3)	T	C010	Chloromethane	0.657	0.582	0.532	0.509	0.495	0.555	11.92
4)	T	C020	Vinyl chloride	0.444	0.453	0.408	0.393	0.397	0.419	6.60
5)	T	C015	Bromomethane	0.086	0.071	0.067	0.063	0.057	0.069	16.26
6)	T	C025	Chloroethane	0.093	0.132	0.080	0.079	0.086	0.094	23.47
7)	T	C275	Trichlorofluoro	0.456	0.483	0.435	0.435	0.451	0.452	4.35
8)	T	C045	1,1-Dichloroeth	0.372	0.420	0.389	0.381	0.383	0.389	4.74
9)	T	C030	Methylene chlor	0.725	0.498	0.476	0.445	0.438	0.516	23.09
10)	T	C040	Carbon disulfid	1.431	1.217	1.181	1.148	1.217	1.239	8.97
11)	T	C036	Acrolein	0.055	0.046	0.051	0.046	0.044	0.048	9.83
12)	T	C038	Acrylonitrile	0.217	0.179	0.195	0.174	0.160	0.185	11.83
13)	T	C035	Acetone	0.153	0.123	0.141	0.131	0.123	0.134	9.58
14)	T	C300	Acetonitrile	0.085	0.068	0.076	0.069	0.067	0.073	10.50
15)	T	C276	Iodomethane	0.194	0.182	0.206	0.261	0.343	0.237	27.90
16)	T	C291	1,1,2 Trichloro	0.426	0.389	0.364	0.351	0.369	0.380	7.70
17)	T	C962	T-butyl Methyl	1.083	0.988	1.063	0.994	0.973	1.020	4.83
18)	T	C057	trans-1,2-Dichl	0.453	0.473	0.440	0.425	0.412	0.441	5.40
19)	T	C255	Methyl Acetate	0.643	0.535	0.606	0.556	0.535	0.575	8.30
20)	T	C050	1,1-Dichloroeth	0.823	0.846	0.821	0.783	0.771	0.809	3.85
21)	T	C125	Vinyl Acetate	0.828	0.838	0.946	0.876	0.854	0.868	5.41
22)	T	C051	2,2-Dichloropro	0.393	0.496	0.482	0.496	0.494	0.472	9.47
23)	T	C056	cis-1,2-Dichlor	0.489	0.494	0.481	0.454	0.435	0.470	5.39
24)	T	C272	Tetrahydrofuran	0.151	0.134	0.159	0.143	0.138	0.145	6.84
25)	T	C222	Bromochlorometh	0.226	0.203	0.205	0.190	0.186	0.202	7.67
26)	T	C060	Chloroform	0.709	0.716	0.714	0.671	0.668	0.696	3.48
27)	T	C115	1,1,1-Trichloro	0.511	0.575	0.547	0.541	0.542	0.543	4.18
28)	T	C120	Carbon tetrachl	0.377	0.451	0.425	0.429	0.436	0.424	6.56
29)	T	C116	1,1-Dichloropro	0.579	0.599	0.558	0.543	0.538	0.563	4.56
30)	S	CS87	Dibromofluorome	0.394	0.367	0.326	0.335	0.342	0.353	7.87
31)	S	CS15	1,2-Dichloroeth	0.455	0.391	0.355	0.360	0.365	0.385	10.77
32)	T	C165	Benzene	2.007	2.048	1.944	1.833	1.774	1.921	6.01
33)	T	C065	1,2-Dichloroeth	0.554	0.503	0.510	0.476	0.464	0.501	6.98
34)	T	C110	2-Butanone	0.236	0.205	0.238	0.215	0.199	0.218	8.11
35)	T	C256	Cyclohexane	0.948	0.941	0.890	0.870	0.900	0.910	3.71
36)	T	C150	Trichloroethene	0.460	0.461	0.440	0.427	0.424	0.442	3.98
37)	T	C140	1,2-Dichloropro	0.476	0.510	0.489	0.457	0.430	0.472	6.41
38)	T	C278	Dibromomethane	0.247	0.224	0.236	0.222	0.220	0.230	4.89
39)	T	C130	Bromodichlorome	0.401	0.473	0.485	0.478	0.481	0.464	7.56
40)	T	C161	2-Chloroethylvi	0.262	0.267	0.287	0.256	0.239	0.262	6.66
41)	T	C012	Methylcycolhexa	0.878	0.895	0.823	0.806	0.798	0.840	5.22
42)	T	C145	cis-1,3-Dichlor	0.560	0.634	0.660	0.647	0.652	0.631	6.45
43)	I	CI20	Chlorobenzene-D	----------ISTD----------						
44)	S	CS05	Toluene-D8	1.450	1.317	1.120	1.169	1.136	1.238	11.43
45)	T	C230	Toluene	0.942	0.982	0.918	0.905	0.847	0.919	5.42
46)	T	C170	trans-1,3-Dichl	0.321	0.390	0.415	0.424	0.407	0.391	10.57
47)	T	C284	Ethyl Methacryl	0.344	0.372	0.435	0.418	0.412	0.396	9.45
48)	T	C160	1,1,2-Trichloro	0.231	0.239	0.241	0.230	0.219	0.232	3.82
49)	T	C210	4-Methyl-2-pent	0.334	0.318	0.363	0.335	0.309	0.332	6.20
50)	T	C220	Tetrachloroethe	0.298	0.320	0.288	0.283	0.262	0.290	7.25
51)	T	C221	1,3-Dichloropro	0.508	0.508	0.507	0.479	0.432	0.487	6.75
52)	T	C155	Dibromochlorome	0.193	0.234	0.248	0.251	0.245	0.234	10.25
53)	T	C163	1,2-Dibromoetha	0.278	0.271	0.279	0.271	0.257	0.271	3.33
54)	T	C215	2-Hexanone	0.219	0.214	0.254	0.237	0.221	0.229	7.28
55)	T	C235	Chlorobenzene	1.015	1.001	0.954	0.923	0.877	0.954	5.92

Method Path : C:\MSDCHEM\1\METHODS\82605MLLOW\
Method File : A5I0002442_E2.M
Title : 8260 5ML WATER
Last Update : Thu Dec 22 18:39:09 2005
Response Via : Initial Calibration

56)	T	C281	1,1,1,2-Tetrach	0.234	0.281	0.273	0.274	0.264	0.265	7.04
57)	T	C240	Ethylbenzene	1.663	1.809	1.701	1.674	1.575	1.684	5.00
58)	T	C246	m,p-Xylene	0.647	0.697	0.656	0.622	0.550	0.634	8.55
59)	T	C247	o-Xylene	0.605	0.653	0.633	0.598	0.539	0.606	7.11
60)	T	C245	Styrene	0.919	1.014	0.998	0.946	0.856	0.947	6.71
61)	S	CS10	p-Bromofluorobe	0.326	0.283	0.263	0.271	0.263	0.281	9.31
62)	I	CI30	1,4-Dichloroben	----------ISTD----------						
63)	T	C180	Bromoform	0.177	0.224	0.271	0.270	0.272	0.243	17.26
64)	T	C966	Isopropylbenzen	3.197	3.582	3.359	3.245	3.066	3.290	5.91
65)	T	C301	Bromobenzene	0.758	0.706	0.668	0.638	0.589	0.672	9.56
66)	T	C225	1,1,2,2-Tetrach	0.736	0.741	0.773	0.736	0.687	0.734	4.19
67)	T	C282	1,2,3-Trichloro	0.197	0.213	0.213	0.197	0.174	0.199	7.95
68)	T	C283	t-1,4-Dichloro-	0.244	0.223	0.246	0.228	0.214	0.231	5.94
69)	T	C302	n-Propylbenzene	3.968	4.327	4.038	3.929	3.739	4.000	5.34
70)	T	C303	2-Chlorotoluene	0.807	0.823	0.774	0.740	0.695	0.768	6.70
71)	T	C289	4-Chlorotoluene	0.821	0.821	0.777	0.726	0.674	0.764	8.34
72)	T	C304	1,3,5-Trimethyl	2.397	2.742	2.595	2.474	2.315	2.505	6.71
73)	T	C306	tert-Butylbenze	0.484	0.593	0.552	0.538	0.514	0.536	7.63
74)	T	C307	1,2,4-Trimethyl	2.394	2.668	2.509	2.416	2.334	2.464	5.28
75)	T	C308	sec-Butylbenzen	3.066	3.451	3.259	3.193	3.091	3.212	4.82
76)	T	C260	1,3-Dichloroben	1.448	1.405	1.343	1.279	1.204	1.336	7.32
77)	T	C309	4-Isopropyltolu	2.415	2.744	2.619	2.543	2.471	2.558	5.05
78)	T	C267	1,4-Dichloroben	1.600	1.367	1.323	1.255	1.192	1.347	11.59
79)	T	C249	1,2-Dichloroben	1.377	1.275	1.261	1.167	1.065	1.229	9.61
80)	T	C310	n-Butylbenzene	2.395	2.546	2.376	2.299	2.185	2.360	5.63
81)	T	C286	1,2-Dibromo-3-C	0.067	0.083	0.104	0.106	0.099	0.092	17.90
82)	T	C313	1,2,4-Trichloro	0.615	0.614	0.635	0.626	0.594	0.617	2.49
83)	T	C316	Hexachlorobutad	0.293	0.283	0.254	0.251	0.245	0.265	7.97
84)	T	C314	Naphthalene	1.292	1.581	1.933	1.860	1.734	1.680	15.17
85)	T	C934	1,2,3-Trichloro	0.593	0.533	0.593	0.563	0.524	0.561	5.78

Total Average %RSD 8.04

L = Linear LO = Linear+Origin Q = Quad QO = Quad+Origin R = Corr. Coef
(#) = Out of Range

A5I0002442_E2.M Thu Dec 22 18:39:17 2005 HP5973S

Date: 12/23/2005 ICC Profile Page: 1
Time: 19:01:29 Rept: AN0287R

ICC Profile Code: A00263 METHOD 8260 low 5ML PURGE (30% RSD/ 20% D)
Fraction: MV

No of Points: 5 Default Min. RRF: 0.3000 QC Approver: JRS
CCC Conc: 125.00 QC Date: 11/08/2005

Comments:

Seq		Parameter	ng On Column Point 1	Point 2	Point 3	Point 4	Point 5
2	123-91-1	1,4-Dioxane	200.0000	2000.0000	5000.0000	10000.0000	20000.0000
7	77-73-6	Dicyclopentadiene	5.0000	50.0000	125.0000	250.0000	500.0000
8	526-73-8	1,2,3-Trimethylbenzene	5.0000	50.0000	125.0000	250.0000	500.0000
15	994-05-8	tert-Amyl Methyl Ether (TAME)	5.0000	50.0000	125.0000	250.0000	500.0000
18	67-64-1	Acetone	25.0000	250.0000	625.0000	1250.0000	2500.0000
20	71-43-2	Benzene	5.0000	50.0000	125.0000	250.0000	500.0000
25	637-92-3	Ethyl-t-butyl ether (ETBE)	5.0000	50.0000	125.0000	250.0000	500.0000
30	108-86-1	Bromobenzene	5.0000	50.0000	125.0000	250.0000	500.0000
40	74-97-5	Bromochloromethane	5.0000	50.0000	125.0000	250.0000	500.0000
50	75-27-4	Bromodichloromethane	5.0000	50.0000	125.0000	250.0000	500.0000
51	108-70-3	1,3,5-Trichlorobenzene	5.0000	50.0000	125.0000	250.0000	500.0000
60	75-25-2	Bromoform	5.0000	50.0000	125.0000	250.0000	500.0000
70	74-83-9	Bromomethane	5.0000	50.0000	125.0000	250.0000	500.0000
88	78-93-3	2-Butanone	25.0000	250.0000	625.0000	1250.0000	2500.0000
90	104-51-8	n-Butylbenzene	5.0000	50.0000	125.0000	250.0000	500.0000
91	107-12-0	Propionitrile	50.0000	500.0000	1250.0000	2500.0000	5000.0000
92	126-98-7	Methacrylonitrile	5.0000	50.0000	125.0000	250.0000	500.0000
93	108-20-3	Isopropyl Ether (DIPE)	5.0000	50.0000	125.0000	250.0000	500.0000
94	78-83-1	Isobutanol	200.0000	2000.0000	5000.0000	10000.0000	20000.0000
95	71-36-3	n-Butyl alcohol	200.0000	2000.0000	5000.0000	10000.0000	20000.0000
96	108-41-8	m-Chlorotoluene	5.0000	50.0000	125.0000	250.0000	500.0000
97	108-94-1	Cyclohexanone	50.0000	500.0000	1250.0000	2500.0000	5000.0000
98	76-01-7	Pentachloroethane	5.0000	50.0000	125.0000	250.0000	500.0000
99	75-65-0	tert-Butyl Alcohol (TBA)	100.0000	1000.0000	2500.0000	5000.0000	10000.0000
100	135-98-8	sec-Butylbenzene	5.0000	50.0000	125.0000	250.0000	500.0000
101	79-20-9	Methyl acetate	5.0000	50.0000	125.0000	250.0000	500.0000
102	110-82-7	Cyclohexane	5.0000	50.0000	125.0000	250.0000	500.0000
103	108-87-2	Methylcyclohexane	5.0000	50.0000	125.0000	250.0000	500.0000
104	98-56-6	p-Monochlorobenzotrifluoride	5.0000	50.0000	125.0000	250.0000	500.0000
105	98-15-7	m-Monochlorobenzotrifluoride	5.0000	50.0000	125.0000	250.0000	500.0000
106	88-16-4	o-Monochlorobenzotrifluoride	5.0000	50.0000	125.0000	250.0000	500.0000
110	98-06-6	tert-Butylbenzene	5.0000	50.0000	125.0000	250.0000	500.0000
111	106-89-8	Epichlorohydrin	100.0000	1000.0000	2500.0000	5000.0000	10000.0000
112	79-46-9	2-Nitropropane	25.0000	250.0000	625.0000	1250.0000	2500.0000
114	TOTALVOA	Total Volatile Organic Compoun	5.0000	50.0000	125.0000	250.0000	500.0000
120	554-14-3	2-Methyl Thiophene	5.0000	50.0000	125.0000	250.0000	500.0000
121	616-44-4	3-Methyl Thiophene	5.0000	50.0000	125.0000	250.0000	500.0000
128	75-15-0	Carbon Disulfide	5.0000	50.0000	125.0000	250.0000	500.0000
130	56-23-5	Carbon Tetrachloride	5.0000	50.0000	125.0000	250.0000	500.0000
140	108-90-7	Chlorobenzene	5.0000	50.0000	125.0000	250.0000	500.0000
145	104-76-7	2-Ethyl-1-hexanol	50.0000	500.0000	1250.0000	2500.0000	5000.0000
150	75-00-3	Chloroethane	5.0000	50.0000	125.0000	250.0000	500.0000
160	67-66-3	Chloroform	5.0000	50.0000	125.0000	250.0000	500.0000
170	74-87-3	Chloromethane	5.0000	50.0000	125.0000	250.0000	500.0000
180	95-49-8	o-Chlorotoluene	5.0000	50.0000	125.0000	250.0000	500.0000
190	106-43-4	p-Chlorotoluene	5.0000	50.0000	125.0000	250.0000	500.0000
200	124-48-1	Dibromochloromethane	5.0000	50.0000	125.0000	250.0000	500.0000

ICC Profile Code: A00263 METHOD 8260 low 5ML PURGE (30% RSD/ 20% D) (continued)

Seq	Parameter	ng On Column Point 1	Point 2	Point 3	Point 4	Point 5
201 110-54-3	Hexane	5.0000	50.0000	125.0000	250.0000	500.0000
202 142-82-5	Heptane	5.0000	50.0000	125.0000	250.0000	500.0000
203 534-15-6	1,1-Dimethoxyethane	25.0000	250.0000	625.0000	1250.0000	2500.0000
204 75-56-9	Propylene Oxide	25.0000	250.0000	625.0000	1250.0000	2500.0000
210 96-12-8	1,2-Dibromo-3-chloropropane	5.0000	50.0000	125.0000	250.0000	500.0000
220 106-93-4	1,2-Dibromoethane	5.0000	50.0000	125.0000	250.0000	500.0000
230 74-95-3	Dibromomethane	5.0000	50.0000	125.0000	250.0000	500.0000
240 95-50-1	1,2-Dichlorobenzene	5.0000	50.0000	125.0000	250.0000	500.0000
250 541-73-1	1,3-Dichlorobenzene	5.0000	50.0000	125.0000	250.0000	500.0000
260 106-46-7	1,4-Dichlorobenzene	5.0000	50.0000	125.0000	250.0000	500.0000
270 75-71-8	Dichlorodifluoromethane	5.0000	50.0000	125.0000	250.0000	500.0000
280 75-34-3	1,1-Dichloroethane	5.0000	50.0000	125.0000	250.0000	500.0000
290 107-06-2	1,2-Dichloroethane	5.0000	50.0000	125.0000	250.0000	500.0000
300 75-35-4	1,1-Dichloroethene	5.0000	50.0000	125.0000	250.0000	500.0000
307 109-99-9	Tetrahydrofuran	25.0000	250.0000	625.0000	1250.0000	2500.0000
310 156-59-2	cis-1,2-Dichloroethene	5.0000	50.0000	125.0000	250.0000	500.0000
320 156-60-5	trans-1,2-Dichloroethene	5.0000	50.0000	125.0000	250.0000	500.0000
330 78-87-5	1,2-Dichloropropane	5.0000	50.0000	125.0000	250.0000	500.0000
340 142-28-9	1,3-Dichloropropane	5.0000	50.0000	125.0000	250.0000	500.0000
350 594-20-7	2,2-Dichloropropane	5.0000	50.0000	125.0000	250.0000	500.0000
360 563-58-6	1,1-Dichloropropene	5.0000	50.0000	125.0000	250.0000	500.0000
370 10061-01-5	cis-1,3-Dichloropropene	5.0000	50.0000	125.0000	250.0000	500.0000
380 10061-02-6	trans-1,3-Dichloropropene	5.0000	50.0000	125.0000	250.0000	500.0000
390 100-41-4	Ethylbenzene	5.0000	50.0000	125.0000	250.0000	500.0000
410 87-68-3	Hexachlorobutadiene	5.0000	50.0000	125.0000	250.0000	500.0000
418 591-78-6	2-Hexanone	25.0000	250.0000	625.0000	1250.0000	2500.0000
420 98-82-8	Isopropylbenzene	5.0000	50.0000	125.0000	250.0000	500.0000
430 99-87-6	p-Cymene	5.0000	50.0000	125.0000	250.0000	500.0000
440 75-09-2	Methylene chloride	5.0000	50.0000	125.0000	250.0000	500.0000
458 108-10-1	4-Methyl-2-pentanone	25.0000	250.0000	625.0000	1250.0000	2500.0000
460 91-20-3	Naphthalene	5.0000	50.0000	125.0000	250.0000	500.0000
470 103-65-1	n-Propylbenzene	5.0000	50.0000	125.0000	250.0000	500.0000
480 100-42-5	Styrene	5.0000	50.0000	125.0000	250.0000	500.0000
490 630-20-6	1,1,1,2-Tetrachloroethane	5.0000	50.0000	125.0000	250.0000	500.0000
500 79-34-5	1,1,2,2-Tetrachloroethane	5.0000	50.0000	125.0000	250.0000	500.0000
510 127-18-4	Tetrachloroethene	5.0000	50.0000	125.0000	250.0000	500.0000
520 108-88-3	Toluene	5.0000	50.0000	125.0000	250.0000	500.0000
530 87-61-6	1,2,3-Trichlorobenzene	5.0000	50.0000	125.0000	250.0000	500.0000
540 120-82-1	1,2,4-Trichlorobenzene	5.0000	50.0000	125.0000	250.0000	500.0000
550 71-55-6	1,1,1-Trichloroethane	5.0000	50.0000	125.0000	250.0000	500.0000
560 79-00-5	1,1,2-Trichloroethane	5.0000	50.0000	125.0000	250.0000	500.0000
570 79-01-6	Trichloroethene	5.0000	50.0000	125.0000	250.0000	500.0000
580 75-69-4	Trichlorofluoromethane	5.0000	50.0000	125.0000	250.0000	500.0000
590 96-18-4	1,2,3-Trichloropropane	5.0000	50.0000	125.0000	250.0000	500.0000
600 95-63-6	1,2,4-Trimethylbenzene	5.0000	50.0000	125.0000	250.0000	500.0000
610 108-67-8	1,3,5-Trimethylbenzene	5.0000	50.0000	125.0000	250.0000	500.0000
620 75-01-4	Vinyl chloride	5.0000	50.0000	125.0000	250.0000	500.0000
630 1330-20-7	Total Xylenes	15.0000	150.0000	375.0000	750.0000	1500.0000
646 SU107-06-2	1,2-Dichloroethane-D4	5.0000	50.0000	125.0000	250.0000	500.0000
648 2037-26-5	Toluene-D8	5.0000	50.0000	125.0000	250.0000	500.0000
650 460-00-4	p-Bromofluorobenzene	5.0000	50.0000	125.0000	250.0000	500.0000
660 SU95-50-1	1,2-Dichlorobenzene-d4	5.0000	50.0000	125.0000	250.0000	500.0000

Date: 12/23/2005 ICC Profile Page: 3
Time: 19:01:29 Rept: AN0287R

ICC Profile Code: A00263 METHOD 8260 low 5ML PURGE (30% RSD/ 20% D) (continued)

Seq		Parameter	ng On Column Point 1	Point 2	Point 3	Point 4	Point 5
670	SU106-46-7	1,4-Dichlorobenzene-D4	0.0000	0.0000	0.0000	0.0000	0.0000
680	3114-55-4	Chlorobenzene-D5	0.0000	0.0000	0.0000	0.0000	0.0000
690	540-36-3	1,4-Difluorobenzene	0.0000	0.0000	0.0000	0.0000	0.0000
700	462-06-6	Fluorobenzene	0.0000	0.0000	0.0000	0.0000	0.0000
800	1634-04-4	Methyl-t-Butyl Ether (MTBE)	5.0000	50.0000	125.0000	250.0000	500.0000
805	75-43-4	Dichlorofluoromethane	5.0000	50.0000	125.0000	250.0000	500.0000
810	594-18-3	Dibromodichloromethane	5.0000	50.0000	125.0000	250.0000	500.0000
815	107-02-8	Acrolein	100.0000	1250.0000	2500.0000	5000.0000	10000.0000
820	76-13-1	1,1,2-Trichloro-1,2,2-trifluor	5.0000	50.0000	125.0000	250.0000	500.0000
825	107-13-1	Acrylonitrile	100.0000	1250.0000	2500.0000	5000.0000	10000.0000
830	80-62-6	Methyl methacrylate	5.0000	50.0000	125.0000	250.0000	500.0000
840	540-59-0	1,2-Dichloroethene (Total)	10.0000	100.0000	250.0000	500.0000	1000.0000
850	M/P XYLENE	m/p-Xylenes	10.0000	100.0000	250.0000	500.0000	1000.0000
860	95-47-6	o-Xylene	5.0000	50.0000	125.0000	250.0000	500.0000
870	108-05-4	Vinyl acetate	25.0000	250.0000	625.0000	1250.0000	2500.0000
880	110-75-8	2-Chloroethylvinyl ether	25.0000	250.0000	625.0000	1250.0000	2500.0000
890	110-57-6	trans-1,4-Dichloro-2-butene	25.0000	250.0000	625.0000	1250.0000	2500.0000
900	74-88-4	Iodomethane	5.0000	50.0000	125.0000	250.0000	500.0000
910	97-63-2	Ethyl methacrylate	5.0000	50.0000	125.0000	250.0000	500.0000
920	75-45-6	Chlorodifluoromethane	5.0000	50.0000	125.0000	250.0000	500.0000
930	544-10-5	1-Chlorohexane	5.0000	50.0000	125.0000	250.0000	500.0000
940	75-05-8	Acetonitrile	200.0000	2000.0000	5000.0000	10000.0000	20000.0000
950	60-29-7	Ethyl ether	5.0000	50.0000	125.0000	250.0000	500.0000
951	108-38-3	m-Xylene	10.0000	100.0000	250.0000	500.0000	1000.0000
952	106-42-3	p-Xylene	10.0000	100.0000	250.0000	500.0000	1000.0000
962	542-75-6	1,3-Dichloropropene (Total)	10.0000	100.0000	250.0000	500.0000	1000.0000
972	64-17-5	Ethanol	100.0000	1000.0000	2500.0000	5000.0000	10000.0000
982	141-78-6	Ethyl acetate	5.0000	50.0000	125.0000	250.0000	500.0000
992	107-05-1	3-Chloropropene (Allyl Chlor.)	5.0000	50.0000	125.0000	250.0000	500.0000
993	126-99-8	2-Chloro-1,3-butadiene	5.0000	50.0000	125.0000	250.0000	500.0000
994	54-28-81TIC	Bis(chloromethyl) ether (VOA T	5.0000	50.0000	125.0000	250.0000	500.0000

Data File : D:\DATA\122205\S9602.D Vial: 6
Acq On : 22 Dec 2005 17:33 Operator: TLC
Sample : VSTD001 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 22 18:39:03 2005 Results File: A5I0002442_E2.RES

Quant Method : C:\MSDCHEM\1...\A5I0002442_E2.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Thu Dec 22 18:38:56 2005
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\DATA\122205\S9598.D (22 Dec 2005 15:56)

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.09	114	491881	125.00	ng		0.00 104.55%
43) CI20	Chlorobenzene-D5	7.30	117	651537	125.00	ng		0.00 101.18%
62) CI30	1,4-Dichlorobenzene-	9.17	152	304534	125.00	ng		0.00 95.69%
System Monitoring Compounds								
30) CS87	Dibromofluoromethane	4.50	111	7761	5.59	ng		0.00
Spiked Amount	125.000	Range	70 - 130	Recovery	=	4.47%#		
31) CS15	1,2-Dichloroethane-D	4.75	65	8947	5.90	ng		0.00
Spiked Amount	125.000	Range	73 - 136	Recovery	=	4.72%#		
44) CS05	Toluene-D8	6.19	98	37784	5.85	ng		0.00
Spiked Amount	125.000	Range	77 - 122	Recovery	=	4.68%#		
61) CS10	p-Bromofluorobenzene	8.23	174	8487	5.79	ng		0.00
Spiked Amount	125.000	Range	74 - 120	Recovery	=	4.63%#		
Target Compounds								Qvalue
2) C290	Dichlorodifluorometh	1.35	85	7659	5.13	ng		96
3) C010	Chloromethane	1.50	50	12930	5.92	ng		99
4) C020	Vinyl chloride	1.59	62	8742	5.30	ng		94
5) C015	Bromomethane	1.88	94	1698	6.28	ng		93
6) C025	Chloroethane	1.97	64	1831	4.94	ng		70
7) C275	Trichlorofluorometha	2.22	101	8971	5.04	ng		91
8) C045	1,1-Dichloroethene	2.69	96	7324	4.78	ng		95
9) C030	Methylene chloride	3.12	84	14269	7.02	ng		94
10) C040	Carbon disulfide	2.87	76	28147	5.77	ng		99
11) C036	Acrolein	2.61	56	21815	114.56	ng		99
12) C038	Acrylonitrile	3.31	53	85325	117.26	ng		97
13) C035	Acetone	2.76	43	15061	28.53	ng	#	88
14) C300	Acetonitrile	2.98	41	67238	233.53	ng		95
15) C276	Iodomethane	2.81	142	3820	4.09	ng	#	61
16) C291	1,1,2 Trichloro-1,2,	2.71	101	8388	5.61	ng	#	83
17) C962	T-butyl Methyl Ether	3.37	73	21304	5.31	ng	#	90
18) C057	trans-1,2-Dichloroet	3.35	96	8904	5.13	ng		91
19) C255	Methyl Acetate	3.05	43	12651	5.59	ng	#	83
20) C050	1,1-Dichloroethane	3.68	63	16193	5.09	ng		96
21) C125	Vinyl Acetate	3.74	43	81488	23.84	ng		94
22) C051	2,2-Dichloropropane	4.14	77	7729	4.16	ng		89
23) C056	cis-1,2-Dichloroethe	4.14	96	9618	5.20	ng		95
24) C272	Tetrahydrofuran	4.37	42	14858	26.05	ng	#	1
25) C222	Bromochloromethane	4.32	128	4446	5.59	ng	#	81
26) C060	Chloroform	4.38	83	13955	5.10	ng		95
27) C115	1,1,1-Trichloroethan	4.53	97	10055	4.70	ng		87
28) C120	Carbon tetrachloride	4.66	117	7419	4.45	ng		98
29) C116	1,1-Dichloropropene	4.65	75	11396	5.14	ng		96
32) C165	Benzene	4.80	78	39479	5.22	ng		98
33) C065	1,2-Dichloroethane	4.81	62	10897	5.52	ng		86
34) C110	2-Butanone	4.16	43	23187	26.97	ng		94
35) C256	Cyclohexane	4.58	56	18659	5.21	ng	#	82
36) C150	Trichloroethene	5.29	95	9053	5.20	ng		88
37) C140	1,2-Dichloropropane	5.44	63	9358	5.03	ng		82
38) C278	Dibromomethane	5.53	93	4853	5.37	ng	#	78

Data File : D:\DATA\122205\S9602.D Vial: 6
Acq On : 22 Dec 2005 17:33 Operator: TLC
Sample : VSTD001 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 22 18:39:03 2005 Results File: A5I0002442_E2.RES

Quant Method : C:\MSDCHEM\1...\A5I0002442_E2.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Thu Dec 22 18:38:56 2005
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\DATA\122205\S9598.D (22 Dec 2005 15:56)

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
39) C130	Bromodichloromethane	5.65	83	7896	4.33	ng		92
40) C161	2-Chloroethylvinyl E	5.87	63	25810	25.03	ng		96
41) C012	Methylcycolhexane	5.44	83	17268	5.22	ng		94
42) C145	cis-1,3-Dichloroprop	5.98	75	11015	4.44	ng		73
45) C230	Toluene	6.24	92	24562	5.13	ng		92
46) C170	trans-1,3-Dichloropr	6.40	75	8360	4.10	ng		99
47) C284	Ethyl Methacrylate	6.47	69	8953	4.34	ng	#	66
48) C160	1,1,2-Trichloroethan	6.54	83	6008	4.97	ng		96
49) C210	4-Methyl-2-pentanone	6.09	43	43498	25.15	ng		99
50) C220	Tetrachloroethene	6.67	166	7768	5.14	ng		86
51) C221	1,3-Dichloropropane	6.66	76	13238	5.22	ng		85
52) C155	Dibromochloromethane	6.84	129	5030	4.12	ng		85
53) C163	1,2-Dibromoethane	6.93	107	7254	5.13	ng		95
54) C215	2-Hexanone	6.73	43	28531	23.90	ng		91
55) C235	Chlorobenzene	7.32	112	26445	5.32	ng		96
56) C281	1,1,1,2-Tetrachloroe	7.38	131	6087	4.41	ng		91
57) C240	Ethylbenzene	7.41	91	43353	4.94	ng		99
58) C246	m,p-Xylene	7.50	106	33724	10.20	ng		95
59) C247	o-Xylene	7.81	106	15757	4.99	ng	#	87
60) C245	Styrene	7.82	104	23940	4.85	ng		96
63) C180	Bromoform	7.96	173	2157	3.65	ng		88
64) C966	Isopropylbenzene	8.11	105	38942	4.86	ng		95
65) C301	Bromobenzene	8.36	156	9229	5.64	ng	#	78
66) C225	1,1,2,2-Tetrachloroe	8.33	83	8971	5.01	ng		97
67) C282	1,2,3-Trichloropropa	8.36	110	2404	4.96	ng		100
68) C283	t-1,4-Dichloro-2-But	8.37	53	14860	26.42	ng	#	71
69) C302	n-Propylbenzene	8.43	91	48339	4.96	ng		94
70) C303	2-Chlorotoluene	8.51	126	9825	5.25	ng		100
71) C289	4-Chlorotoluene	8.60	126	10006	5.38	ng		100
72) C304	1,3,5-Trimethylbenze	8.58	105	29203	4.79	ng		97
73) C306	tert-Butylbenzene	8.85	134	5893	4.51	ng		100
74) C307	1,2,4-Trimethylbenze	8.89	105	29164	4.86	ng		93
75) C308	sec-Butylbenzene	9.02	105	37348	4.77	ng		100
76) C260	1,3-Dichlorobenzene	9.12	146	17643	5.42	ng		91
77) C309	4-Isopropyltoluene	9.15	119	29414	4.72	ng		99
78) C267	1,4-Dichlorobenzene	9.19	146	19492	5.94	ng		93
79) C249	1,2-Dichlorobenzene	9.49	146	16774	5.60	ng		94
80) C310	n-Butylbenzene	9.48	91	29173	5.07	ng		98
81) C286	1,2-Dibromo-3-Chloro	10.13	75	815	3.65	ng	#	73
82) C313	1,2,4-Trichlorobenze	10.83	180	7487	4.98	ng		81
83) C316	Hexachlorobutadiene	10.97	225	3565	5.52	ng		95
84) C314	Naphthalene	11.02	128	15738	3.84	ng		100
85) C934	1,2,3-Trichlorobenze	11.22	180	7226	5.29	ng		99

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

Data File : D:\DATA\122205\S9601.D
Acq On : 22 Dec 2005 17:09
Sample : VSTD010
Misc :
MS Integration Params: RTEINT.P
Quant Time: Dec 22 18:38:48 2005

Vial: 5
Operator: TLC
Inst : HP5973S
Multiplr: 1.00
Results File: A5I0002442_E2.RES

Quant Method : C:\MSDCHEM\1...\A5I0002442_E2.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Thu Dec 22 18:38:32 2005
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\DATA\122205\S9598.D (22 Dec 2005 15:56)

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.09	114	478638	125.00	ng		0.00 101.74%
43) CI20	Chlorobenzene-D5	7.30	117	625851	125.00	ng		0.00 97.19%
62) CI30	1,4-Dichlorobenzene-	9.16	152	297624	125.00	ng		0.00 93.52%
System Monitoring Compounds								
30) CS87	Dibromofluoromethane	4.50	111	70210	51.97	ng		0.00
Spiked Amount	125.000	Range	70 - 130		Recovery =		41.58%#	
31) CS15	1,2-Dichloroethane-D	4.75	65	74935	50.82	ng		0.00
Spiked Amount	125.000	Range	73 - 136		Recovery =		40.66%#	
44) CS05	Toluene-D8	6.19	98	329581	53.16	ng		0.00
Spiked Amount	125.000	Range	77 - 122		Recovery =		42.53%#	
61) CS10	p-Bromofluorobenzene	8.23	174	70838	50.32	ng		0.00
Spiked Amount	125.000	Range	74 - 120		Recovery =		40.26%#	
Target Compounds								Qvalue
2) C290	Dichlorodifluorometh	1.35	85	80325	55.25	ng		99
3) C010	Chloromethane	1.50	50	111457	52.46	ng		94
4) C020	Vinyl chloride	1.59	62	86638	54.02	ng		99
5) C015	Bromomethane	1.87	94	13627	51.77	ng		92
6) C025	Chloroethane	1.97	64	25345	70.31	ng		95
7) C275	Trichlorofluorometha	2.22	101	92423	53.41	ng		96
8) C045	1,1-Dichloroethene	2.69	96	80498	54.02	ng		94
9) C030	Methylene chloride	3.11	84	95355	48.23	ng	#	84
10) C040	Carbon disulfide	2.87	76	233088	49.14	ng		98
11) C036	Acrolein	2.61	56	174632	942.47	ng		97
12) C038	Acrylonitrile	3.31	53	686576	969.62	ng		98
13) C035	Acetone	2.76	43	118057	229.81	ng	#	86
14) C300	Acetonitrile	2.98	41	518133	1849.35	ng		99
15) C276	Iodomethane	2.81	142	34927	38.45	ng		88
16) C291	1,1,2 Trichloro-1,2,	2.71	101	74464	51.19	ng		89
17) C962	T-butyl Methyl Ether	3.37	73	189149	48.41	ng	#	88
18) C057	trans-1,2-Dichloroet	3.35	96	90650	53.71	ng		99
19) C255	Methyl Acetate	3.04	43	102434	46.51	ng		90
20) C050	1,1-Dichloroethane	3.68	63	162025	52.32	ng		98
21) C125	Vinyl Acetate	3.74	43	802581	241.34	ng		95
22) C051	2,2-Dichloropropane	4.14	77	94892	52.49	ng		88
23) C056	cis-1,2-Dichloroethe	4.14	96	94539	52.48	ng		99
24) C272	Tetrahydrofuran	4.36	42	128296	231.17	ng	#	1
25) C222	Bromochloromethane	4.32	128	38868	50.23	ng	#	81
26) C060	Chloroform	4.38	83	137176	51.49	ng		99
27) C115	1,1,1-Trichloroethan	4.53	97	110089	52.94	ng		94
28) C120	Carbon tetrachloride	4.66	117	86297	53.20	ng		94
29) C116	1,1-Dichloropropene	4.65	75	114759	53.19	ng		96
32) C165	Benzene	4.80	78	392009	53.29	ng		98
33) C065	1,2-Dichloroethane	4.81	62	96359	50.19	ng		87
34) C110	2-Butanone	4.15	43	196450	234.83	ng		93
35) C256	Cyclohexane	4.58	56	180163	51.72	ng	#	85
36) C150	Trichloroethene	5.28	95	88261	52.11	ng		91
37) C140	1,2-Dichloropropane	5.44	63	97604	53.96	ng		93
38) C278	Dibromomethane	5.53	93	42967	48.83	ng	#	84

Data File : D:\DATA\122205\S9601.D
Acq On : 22 Dec 2005 17:09
Sample : VSTD010
Misc :
MS Integration Params: RTEINT.P
Quant Time: Dec 22 18:38:48 2005

Vial: 5
Operator: TLC
Inst : HP5973S
Multiplr: 1.00
Results File: A5I0002442_E2.RES

Quant Method : C:\MSDCHEM\1...\A5I0002442_E2.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Thu Dec 22 18:38:32 2005
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\DATA\122205\S9598.D (22 Dec 2005 15:56)

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
39) C130	Bromodichloromethane	5.65	83	90574	51.03	ng		93
40) C161	2-Chloroethylvinyl E	5.87	63	255128	254.27	ng		96
41) C012	Methylcycolhexane	5.44	83	171427	53.30	ng		94
42) C145	cis-1,3-Dichloroprop	5.98	75	121343	50.26	ng		80
45) C230	Toluene	6.24	92	245737	53.42	ng		97
46) C170	trans-1,3-Dichloropr	6.39	75	97540	49.79	ng		97
47) C284	Ethyl Methacrylate	6.46	69	93041	46.92	ng	#	69
48) C160	1,1,2-Trichloroethan	6.53	83	59787	51.50	ng		98
49) C210	4-Methyl-2-pentanone	6.09	43	398518	239.89	ng		97
50) C220	Tetrachloroethene	6.67	166	80046	55.09	ng		90
51) C221	1,3-Dichloropropane	6.66	76	127241	52.20	ng		87
52) C155	Dibromochloromethane	6.84	129	58678	49.99	ng		97
53) C163	1,2-Dibromoethane	6.93	107	67920	50.01	ng		99
54) C215	2-Hexanone	6.72	43	267742	233.52	ng		96
55) C235	Chlorobenzene	7.32	112	250531	52.46	ng		98
56) C281	1,1,1,2-Tetrachloroe	7.38	131	70319	52.99	ng		93
57) C240	Ethylbenzene	7.41	91	452836	53.70	ng		100
58) C246	m,p-Xylene	7.50	106	348960	109.86	ng		99
59) C247	o-Xylene	7.81	106	163403	53.90	ng		94
60) C245	Styrene	7.82	104	253811	53.56	ng		94
63) C180	Bromoform	7.96	173	26694	46.18	ng		87
64) C966	Isopropylbenzene	8.11	105	426439	54.45	ng		97
65) C301	Bromobenzene	8.35	156	83993	52.51	ng	#	84
66) C225	1,1,2,2-Tetrachloroe	8.33	83	88167	50.42	ng		97
67) C282	1,2,3-Trichloropropa	8.36	110	25372	53.58	ng		100
68) C283	t-1,4-Dichloro-2-But	8.37	53	132785	241.54	ng	#	95
69) C302	n-Propylbenzene	8.43	91	515107	54.08	ng		98
70) C303	2-Chlorotoluene	8.51	126	98000	53.60	ng		100
71) C289	4-Chlorotoluene	8.60	126	97744	53.74	ng		100
72) C304	1,3,5-Trimethylbenze	8.58	105	326432	54.73	ng		99
73) C306	tert-Butylbenzene	8.85	134	70548	55.29	ng		100
74) C307	1,2,4-Trimethylbenze	8.89	105	317665	54.14	ng		98
75) C308	sec-Butylbenzene	9.02	105	410860	53.72	ng		95
76) C260	1,3-Dichlorobenzene	9.12	146	167282	52.60	ng		96
77) C309	4-Isopropyltoluene	9.14	119	326678	53.63	ng		99
78) C267	1,4-Dichlorobenzene	9.19	146	162729	50.73	ng		97
79) C249	1,2-Dichlorobenzene	9.49	146	151784	51.87	ng		97
80) C310	n-Butylbenzene	9.48	91	303152	53.95	ng		97
81) C286	1,2-Dibromo-3-Chloro	10.13	75	9889	45.36	ng		94
82) C313	1,2,4-Trichlorobenze	10.83	180	73078	49.77	ng		95
83) C316	Hexachlorobutadiene	10.97	225	33633	53.30	ng		96
84) C314	Naphthalene	11.02	128	188268	47.06	ng		100
85) C934	1,2,3-Trichlorobenze	11.22	180	63418	47.47	ng		98

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

Data File : D:\DATA\122205\S9600.D Vial: 4
Acq On : 22 Dec 2005 16:44 Operator: TLC
Sample : VSTD025 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 22 18:37:33 2005 Results File: A5I0002442_E2.RES

Quant Method : C:\MSDCHEM\1...\A5I0002442_E2.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Thu Dec 22 18:37:29 2005
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\DATA\122205\S9600.D (22 Dec 2005 16:44)

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.09	114	468745	125.00	ng		0.00 100.00%
43) CI20	Chlorobenzene-D5	7.30	117	624095	125.00	ng		0.00 100.00%
62) CI30	1,4-Dichlorobenzene-	9.16	152	302518	125.00	ng		0.00 100.00%
System Monitoring Compounds								
30) CS87	Dibromofluoromethane	4.50	111	152870	115.55	ng		0.00
Spiked Amount	125.000	Range	70 - 130	Recovery =	92.44%			
31) CS15	1,2-Dichloroethane-D	4.75	65	166235	115.13	ng		0.00
Spiked Amount	125.000	Range	73 - 136	Recovery =	92.10%			
44) CS05	Toluene-D8	6.19	98	698805	113.03	ng		0.00
Spiked Amount	125.000	Range	77 - 122	Recovery =	90.42%			
61) CS10	p-Bromofluorobenzene	8.23	174	164437	117.13	ng		0.00
Spiked Amount	125.000	Range	74 - 120	Recovery =	93.70%			
Target Compounds								Qvalue
2) C290	Dichlorodifluorometh	1.34	85	172957	121.47	ng		100
3) C010	Chloromethane	1.50	50	249146	119.74	ng		95
4) C020	Vinyl chloride	1.60	62	191030	121.62	ng		97
5) C015	Bromomethane	1.87	94	31195	121.02	ng		99
6) C025	Chloroethane	1.96	64	37603	106.52	ng		99
7) C275	Trichlorofluorometha	2.22	101	203794	120.25	ng		100
8) C045	1,1-Dichloroethene	2.69	96	182134	124.80	ng		94
9) C030	Methylene chloride	3.11	84	222891	115.11	ng	#	85
10) C040	Carbon disulfide	2.87	76	553389	119.13	ng		98
11) C036	Acrolein	2.61	56	477656	2632.27	ng		96
12) C038	Acrylonitrile	3.31	53	1829027	2637.56	ng		98
13) C035	Acetone	2.76	43	330038	656.02	ng		94
14) C300	Acetonitrile	2.98	41	1423517	5188.14	ng		99
15) C276	Iodomethane	2.81	142	96451	108.41	ng		87
16) C291	1,1,2 Trichloro-1,2,	2.71	101	170402	119.61	ng		89
17) C962	T-butyl Methyl Ether	3.37	73	498485	130.28	ng	#	87
18) C057	trans-1,2-Dichloroet	3.35	96	206419	124.89	ng		97
19) C255	Methyl Acetate	3.04	43	284182	131.75	ng		91
20) C050	1,1-Dichloroethane	3.68	63	384939	126.92	ng		98
21) C125	Vinyl Acetate	3.74	43	2217730	680.97	ng		95
22) C051	2,2-Dichloropropane	4.14	77	225968	127.63	ng		90
23) C056	cis-1,2-Dichloroethe	4.14	96	225637	127.90	ng		99
24) C272	Tetrahydrofuran	4.36	42	371721	683.92	ng	#	1
25) C222	Bromochloromethane	4.32	128	95996	126.66	ng	#	80
26) C060	Chloroform	4.38	83	334785	128.31	ng		96
27) C115	1,1,1-Trichloroethan	4.53	97	256211	125.80	ng		97
28) C120	Carbon tetrachloride	4.66	117	199407	125.52	ng		97
29) C116	1,1-Dichloropropene	4.65	75	261369	123.70	ng		96
32) C165	Benzene	4.80	78	911225	126.49	ng		99
33) C065	1,2-Dichloroethane	4.81	62	239200	127.22	ng		88
34) C110	2-Butanone	4.15	43	557834	680.88	ng		94
35) C256	Cyclohexane	4.58	56	417152	122.28	ng	#	86
36) C150	Trichloroethene	5.28	95	206018	124.19	ng		92
37) C140	1,2-Dichloropropane	5.44	63	229082	129.32	ng		94
38) C278	Dibromomethane	5.53	93	110565	128.29	ng	#	80

Data File : D:\DATA\122205\S9600.D Vial: 4
Acq On : 22 Dec 2005 16:44 Operator: TLC
Sample : VSTD025 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 22 18:37:33 2005 Results File: A5I0002442_E2.RES

Quant Method : C:\MSDCHEM\1...\A5I0002442_E2.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Thu Dec 22 18:37:29 2005
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\DATA\122205\S9600.D (22 Dec 2005 16:44)

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
39) C130	Bromodichloromethane	5.64	83	227221	130.72	ng		96
40) C161	2-Chloroethylvinyl E	5.87	63	672183	684.05	ng		96
41) C012	Methylcycolhexane	5.44	83	385681	122.44	ng		93
42) C145	cis-1,3-Dichloroprop	5.98	75	309577	130.92	ng		83
45) C230	Toluene	6.24	92	573137	124.94	ng		97
46) C170	trans-1,3-Dichloropr	6.39	75	258900	132.53	ng		94
47) C284	Ethyl Methacrylate	6.46	69	271287	137.19	ng	#	69
48) C160	1,1,2-Trichloroethan	6.53	83	150449	129.95	ng		98
49) C210	4-Methyl-2-pentanone	6.09	43	1133107	684.00	ng		97
50) C220	Tetrachloroethene	6.66	166	179946	124.19	ng		89
51) C221	1,3-Dichloropropane	6.66	76	316243	130.09	ng		87
52) C155	Dibromochloromethane	6.84	129	154762	132.22	ng		94
53) C163	1,2-Dibromoethane	6.93	107	174285	128.69	ng		98
54) C215	2-Hexanone	6.72	43	794024	694.49	ng		97
55) C235	Chlorobenzene	7.32	112	595080	124.96	ng		97
56) C281	1,1,1,2-Tetrachloroe	7.38	131	170421	128.77	ng		96
57) C240	Ethylbenzene	7.41	91	1061677	126.25	ng		99
58) C246	m,p-Xylene	7.50	106	818851	258.52	ng		99
59) C247	o-Xylene	7.81	106	395048	130.67	ng		90
60) C245	Styrene	7.82	104	623013	131.83	ng		97
63) C180	Bromoform	7.96	173	81848	139.31	ng		92
64) C966	Isopropylbenzene	8.11	105	1016029	127.62	ng		97
65) C301	Bromobenzene	8.35	156	202218	124.38	ng	#	85
66) C225	1,1,2,2-Tetrachloroe	8.33	83	233746	131.52	ng		96
67) C282	1,2,3-Trichloropropa	8.36	110	64365	133.73	ng		100
68) C283	t-1,4-Dichloro-2-But	8.37	53	371843	665.45	ng		94
69) C302	n-Propylbenzene	8.43	91	1221438	126.17	ng		97
70) C303	2-Chlorotoluene	8.51	126	234082	125.97	ng		100
71) C289	4-Chlorotoluene	8.59	126	235032	127.13	ng		100
72) C304	1,3,5-Trimethylbenze	8.58	105	785109	129.51	ng		100
73) C306	tert-Butylbenzene	8.85	134	166983	128.74	ng		100
74) C307	1,2,4-Trimethylbenze	8.88	105	759157	127.28	ng		98
75) C308	sec-Butylbenzene	9.02	105	985973	126.83	ng		95
76) C260	1,3-Dichlorobenzene	9.12	146	406254	125.67	ng		98
77) C309	4-Isopropyltoluene	9.14	119	792215	127.95	ng		99
78) C267	1,4-Dichlorobenzene	9.19	146	400115	122.71	ng		96
79) C249	1,2-Dichlorobenzene	9.49	146	381451	128.24	ng		96
80) C310	n-Butylbenzene	9.48	91	718784	125.84	ng		100
81) C286	1,2-Dibromo-3-Chloro	10.12	75	31390	141.64	ng		83
82) C313	1,2,4-Trichlorobenze	10.83	180	192080	128.69	ng		98
83) C316	Hexachlorobutadiene	10.97	225	76806	119.75	ng		96
84) C314	Naphthalene	11.02	128	584916	143.84	ng		100
85) C934	1,2,3-Trichlorobenze	11.21	180	179253	131.99	ng		96

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

Data File : D:\DATA\122205\S9599.D Vial: 3
Acq On : 22 Dec 2005 16:20 Operator: TLC
Sample : VSTD050 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 22 18:38:22 2005 Results File: A5I0002442_E2.RES

Quant Method : C:\MSDCHEM\1...\A5I0002442_E2.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Thu Dec 22 18:38:11 2005
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\DATA\122205\S9598.D (22 Dec 2005 15:56)

	Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1)	CI10 1,4-Difluorobenzene	5.09	114	486649	125.00	ng		0.00 103.44%
43)	CI20 Chlorobenzene-D5	7.30	117	638420	125.00	ng		0.00 99.14%
62)	CI30 1,4-Dichlorobenzene-	9.16	152	316108	125.00	ng		0.00 99.32%
	System Monitoring Compounds							
30)	CS87 Dibromofluoromethane	4.50	111	325644	237.08	ng		0.00
	Spiked Amount 125.000	Range 70 - 130		Recovery = 189.66%#				
31)	CS15 1,2-Dichloroethane-D	4.75	65	350175	233.60	ng		0.00
	Spiked Amount 125.000	Range 73 - 136		Recovery = 186.88%#				
44)	CS05 Toluene-D8	6.19	98	1492797	236.05	ng		0.00
	Spiked Amount 125.000	Range 77 - 122		Recovery = 188.84%#				
61)	CS10 p-Bromofluorobenzene	8.23	174	346214	241.08	ng		0.00
	Spiked Amount 125.000	Range 74 - 120		Recovery = 192.86%#				
	Target Compounds							Qvalue
2)	C290 Dichlorodifluorometh	1.35	85	356121	240.90	ng		99
3)	C010 Chloromethane	1.50	50	495156	229.22	ng		97
4)	C020 Vinyl chloride	1.60	62	382753	234.71	ng		100
5)	C015 Bromomethane	1.87	94	61414	229.50	ng		97
6)	C025 Chloroethane	1.96	64	76887	209.79	ng		97
7)	C275 Trichlorofluorometha	2.22	101	423432	240.66	ng		98
8)	C045 1,1-Dichloroethene	2.69	96	371163	244.97	ng		94
9)	C030 Methylene chloride	3.11	84	432689	215.24	ng		87
10)	C040 Carbon disulfide	2.87	76	1117220	231.67	ng		99
11)	C036 Acrolein	2.61	56	900404	4779.40	ng		97
12)	C038 Acrylonitrile	3.31	53	3379857	4694.64	ng		98
13)	C035 Acetone	2.76	43	636374	1218.39	ng		92
14)	C300 Acetonitrile	2.98	41	2705273	9496.87	ng		99
15)	C276 Iodomethane	2.81	142	254353	275.37	ng		88
16)	C291 1,1,2 Trichloro-1,2,	2.71	101	342110	231.30	ng		90
17)	C962 T-butyl Methyl Ether	3.37	73	967679	243.60	ng	#	88
18)	C057 trans-1,2-Dichloroet	3.35	96	413616	241.05	ng		99
19)	C255 Methyl Acetate	3.04	43	541521	241.82	ng		91
20)	C050 1,1-Dichloroethane	3.68	63	761630	241.88	ng		98
21)	C125 Vinyl Acetate	3.74	43	4261158	1260.28	ng		95
22)	C051 2,2-Dichloropropane	4.14	77	483184	262.88	ng		93
23)	C056 cis-1,2-Dichloroethe	4.14	96	441591	241.10	ng		99
24)	C272 Tetrahydrofuran	4.37	42	695305	1232.21	ng	#	1
25)	C222 Bromochloromethane	4.32	128	185221	235.40	ng	#	80
26)	C060 Chloroform	4.38	83	652941	241.05	ng		98
27)	C115 1,1,1-Trichloroethan	4.53	97	526443	248.98	ng		97
28)	C120 Carbon tetrachloride	4.66	117	417637	253.21	ng		97
29)	C116 1,1-Dichloropropene	4.65	75	528971	241.14	ng		97
32)	C165 Benzene	4.80	78	1784496	238.60	ng		100
33)	C065 1,2-Dichloroethane	4.81	62	463161	237.26	ng		88
34)	C110 2-Butanone	4.15	43	1044863	1228.42	ng		94
35)	C256 Cyclohexane	4.58	56	846526	239.01	ng	#	84
36)	C150 Trichloroethene	5.29	95	415385	241.20	ng		95
37)	C140 1,2-Dichloropropane	5.44	63	445147	242.05	ng		94
38)	C278 Dibromomethane	5.53	93	216400	241.86	ng	#	82

Data File : D:\DATA\122205\S9599.D
Acq On : 22 Dec 2005 16:20
Sample : VSTD050
Misc :
MS Integration Params: RTEINT.P
Quant Time: Dec 22 18:38:22 2005

Vial: 3
Operator: TLC
Inst : HP5973S
Multiplr: 1.00
Results File: A5I0002442_E2.RES

Quant Method : C:\MSDCHEM\1...\A5I0002442_E2.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Thu Dec 22 18:38:11 2005
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\DATA\122205\S9598.D (22 Dec 2005 15:56)

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
39) C130	Bromodichloromethane	5.65	83	465264	257.82	ng		98
40) C161	2-Chloroethylvinyl E	5.87	63	1245308	1220.67	ng		95
41) C012	Methylcycolhexane	5.44	83	784298	239.84	ng		93
42) C145	cis-1,3-Dichloroprop	5.98	75	629691	256.51	ng		82
45) C230	Toluene	6.24	92	1155330	246.21	ng		94
46) C170	trans-1,3-Dichloropr	6.39	75	540953	270.69	ng		94
47) C284	Ethyl Methacrylate	6.46	69	534135	264.05	ng	#	69
48) C160	1,1,2-Trichloroethan	6.53	83	294235	248.44	ng		98
49) C210	4-Methyl-2-pentanone	6.09	43	2136371	1260.69	ng		98
50) C220	Tetrachloroethene	6.67	166	360825	243.43	ng		92
51) C221	1,3-Dichloropropane	6.66	76	611725	246.00	ng		86
52) C155	Dibromochloromethane	6.84	129	320984	268.08	ng		97
53) C163	1,2-Dibromoethane	6.93	107	345528	249.42	ng		99
54) C215	2-Hexanone	6.72	43	1513412	1294.00	ng		97
55) C235	Chlorobenzene	7.32	112	1178975	242.01	ng		98
56) C281	1,1,1,2-Tetrachloroe	7.38	131	350018	258.55	ng		96
57) C240	Ethylbenzene	7.41	91	2136984	248.41	ng		99
58) C246	m,p-Xylene	7.50	106	1587666	490.00	ng		93
59) C247	o-Xylene	7.81	106	763420	246.85	ng		91
60) C245	Styrene	7.82	104	1207657	249.81	ng		98
63) C180	Bromoform	7.96	173	170858	278.31	ng		96
64) C966	Isopropylbenzene	8.11	105	2051265	246.58	ng		98
65) C301	Bromobenzene	8.35	156	403432	237.48	ng	#	85
66) C225	1,1,2,2-Tetrachloroe	8.33	83	465051	250.41	ng		98
67) C282	1,2,3-Trichloropropa	8.36	110	124328	247.22	ng		100
68) C283	t-1,4-Dichloro-2-But	8.37	53	719520	1232.29	ng		93
69) C302	n-Propylbenzene	8.44	91	2484127	245.56	ng		99
70) C303	2-Chlorotoluene	8.51	126	467995	241.01	ng		100
71) C289	4-Chlorotoluene	8.60	126	458944	237.57	ng		100
72) C304	1,3,5-Trimethylbenze	8.58	105	1564344	246.96	ng		100
73) C306	tert-Butylbenzene	8.85	134	339943	250.83	ng		100
74) C307	1,2,4-Trimethylbenze	8.89	105	1527474	245.09	ng		99
75) C308	sec-Butylbenzene	9.03	105	2018927	248.54	ng		96
76) C260	1,3-Dichlorobenzene	9.12	146	808488	239.34	ng		96
77) C309	4-Isopropyltoluene	9.15	119	1607779	248.51	ng		98
78) C267	1,4-Dichlorobenzene	9.19	146	793515	232.89	ng		96
79) C249	1,2-Dichlorobenzene	9.49	146	738047	237.46	ng		96
80) C310	n-Butylbenzene	9.48	91	1453292	243.49	ng		99
81) C286	1,2-Dibromo-3-Chloro	10.12	75	66750	288.25	ng	#	84
82) C313	1,2,4-Trichlorobenze	10.83	180	395824	253.80	ng		99
83) C316	Hexachlorobutadiene	10.97	225	158505	236.50	ng		97
84) C314	Naphthalene	11.02	128	1176022	276.77	ng		100
85) C934	1,2,3-Trichlorobenze	11.22	180	356150	250.97	ng		99

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

Data File : D:\DATA\122205\S9598.D Vial: 2
Acq On : 22 Dec 2005 15:56 Operator: TLC
Sample : VSTD100 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 22 18:37:57 2005 Results File: A5I0002442_E2.RES

Quant Method : C:\MSDCHEM\1...\A5I0002442_E2.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Thu Dec 22 18:37:48 2005
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\DATA\122205\S9600.D (22 Dec 2005 16:44)

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.09	114	470471	125.00	ng		0.00 100.37%
43) CI20	Chlorobenzene-D5	7.30	117	643950	125.00	ng		0.00 103.18%
62) CI30	1,4-Dichlorobenzene-	9.17	152	318257	125.00	ng		0.00 105.20%
System Monitoring Compounds								
30) CS87	Dibromofluoromethane	4.50	111	643888	484.90	ng		0.00
Spiked Amount	125.000	Range	70 - 130		Recovery =	387.92%#		
31) CS15	1,2-Dichloroethane-D	4.75	65	686284	473.55	ng		0.00
Spiked Amount	125.000	Range	73 - 136		Recovery =	378.84%#		
44) CS05	Toluene-D8	6.19	98	2926152	458.72	ng		0.00
Spiked Amount	125.000	Range	77 - 122		Recovery =	366.98%#		
61) CS10	p-Bromofluorobenzene	8.23	174	676519	467.04	ng		0.00
Spiked Amount	125.000	Range	74 - 120		Recovery =	373.63%#		
Target Compounds								Qvalue
2) C290	Dichlorodifluorometh	1.35	85	667780	467.26	ng		100
3) C010	Chloromethane	1.50	50	931063	445.83	ng		96
4) C020	Vinyl chloride	1.60	62	746647	473.59	ng		98
5) C015	Bromomethane	1.87	94	106431	411.39	ng		96
6) C025	Chloroethane	1.96	64	161913	456.97	ng		98
7) C275	Trichlorofluorometha	2.22	101	849050	499.15	ng		97
8) C045	1,1-Dichloroethene	2.69	96	721279	492.42	ng		96
9) C030	Methylene chloride	3.11	84	824975	424.50	ng	#	86
10) C040	Carbon disulfide	2.87	76	2290354	491.26	ng		98
11) C036	Acrolein	2.61	56	1644824	9031.05	ng		97
12) C038	Acrylonitrile	3.32	53	6012557	8638.65	ng		99
13) C035	Acetone	2.76	43	1155362	2288.11	ng		91
14) C300	Acetonitrile	2.98	41	5069187	18407.33	ng		99
15) C276	Iodomethane	2.81	142	644726	722.00	ng		88
16) C291	1,1,2 Trichloro-1,2,	2.71	101	694931	486.00	ng		89
17) C962	T-butyl Methyl Ether	3.37	73	1831663	476.95	ng	#	88
18) C057	trans-1,2-Dichloroet	3.35	96	776060	467.82	ng		98
19) C255	Methyl Acetate	3.04	43	1007342	465.31	ng		91
20) C050	1,1-Dichloroethane	3.68	63	1450759	476.58	ng		97
21) C125	Vinyl Acetate	3.74	43	8033340	2457.65	ng		95
22) C051	2,2-Dichloropropane	4.14	77	928976	522.79	ng		94
23) C056	cis-1,2-Dichloroethe	4.14	96	817773	461.85	ng		99
24) C272	Tetrahydrofuran	4.36	42	1300016	2383.09	ng	#	1
25) C222	Bromochloromethane	4.32	128	350852	461.24	ng	#	82
26) C060	Chloroform	4.38	83	1257175	480.07	ng		97
27) C115	1,1,1-Trichloroethan	4.53	97	1019960	498.97	ng		96
28) C120	Carbon tetrachloride	4.66	117	820417	514.52	ng		94
29) C116	1,1-Dichloropropene	4.65	75	1011641	477.03	ng		98
32) C165	Benzene	4.80	78	3337710	461.63	ng		99
33) C065	1,2-Dichloroethane	4.81	62	872738	462.45	ng		89
34) C110	2-Butanone	4.15	43	1870174	2274.32	ng		93
35) C256	Cyclohexane	4.58	56	1693062	494.46	ng	#	83
36) C150	Trichloroethene	5.28	95	798638	479.68	ng		91
37) C140	1,2-Dichloropropane	5.44	63	809891	455.53	ng		94
38) C278	Dibromomethane	5.53	93	413694	478.26	ng	#	80

Data File : D:\DATA\122205\S9598.D Vial: 2
Acq On : 22 Dec 2005 15:56 Operator: TLC
Sample : VSTD100 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 22 18:37:57 2005 Results File: A5I0002442_E2.RES

Quant Method : C:\MSDCHEM\1...\A5I0002442_E2.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Thu Dec 22 18:37:48 2005
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\DATA\122205\S9600.D (22 Dec 2005 16:44)

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
39) C130	Bromodichloromethane	5.64	83	904262	518.31	ng		97
40) C161	2-Chloroethylvinyl E	5.87	63	2245550	2276.80	ng		94
41) C012	Methylcycolhexane	5.44	83	1502081	475.13	ng		92
42) C145	cis-1,3-Dichloroprop	5.98	75	1226450	516.78	ng		82
45) C230	Toluene	6.24	92	2180561	460.70	ng		95
46) C170	trans-1,3-Dichloropr	6.39	75	1049629	520.72	ng		95
47) C284	Ethyl Methacrylate	6.46	69	1061526	520.26	ng	#	69
48) C160	1,1,2-Trichloroethan	6.53	83	563001	471.29	ng		98
49) C210	4-Methyl-2-pentanone	6.09	43	3980133	2328.53	ng		98
50) C220	Tetrachloroethene	6.67	166	675720	451.97	ng		91
51) C221	1,3-Dichloropropane	6.66	76	1113762	444.04	ng		86
52) C155	Dibromochloromethane	6.84	129	632177	523.44	ng		93
53) C163	1,2-Dibromoethane	6.93	107	661185	473.18	ng		98
54) C215	2-Hexanone	6.72	43	2841286	2408.49	ng		98
55) C235	Chlorobenzene	7.32	112	2258482	459.63	ng		99
56) C281	1,1,1,2-Tetrachloroe	7.38	131	679169	497.37	ng		96
57) C240	Ethylbenzene	7.41	91	4055858	467.42	ng		99
58) C246	m,p-Xylene	7.50	106	2834959	867.43	ng		91
59) C247	o-Xylene	7.81	106	1389542	445.44	ng		98
60) C245	Styrene	7.82	104	2205322	452.26	ng		97
63) C180	Bromoform	7.96	173	345869	559.59	ng		95
64) C966	Isopropylbenzene	8.11	105	3902823	465.99	ng		99
65) C301	Bromobenzene	8.35	156	749966	438.48	ng	#	84
66) C225	1,1,2,2-Tetrachloroe	8.33	83	874022	467.45	ng		97
67) C282	1,2,3-Trichloropropa	8.36	110	222076	438.60	ng		100
68) C283	t-1,4-Dichloro-2-But	8.37	53	1361803	2316.54	ng		96
69) C302	n-Propylbenzene	8.44	91	4760243	467.38	ng		98
70) C303	2-Chlorotoluene	8.51	126	885362	452.87	ng		100
71) C289	4-Chlorotoluene	8.60	126	858241	441.27	ng		100
72) C304	1,3,5-Trimethylbenze	8.58	105	2947342	462.15	ng		98
73) C306	tert-Butylbenzene	8.85	134	653818	479.16	ng		100
74) C307	1,2,4-Trimethylbenze	8.88	105	2971519	473.58	ng		100
75) C308	sec-Butylbenzene	9.02	105	3934784	481.13	ng		95
76) C260	1,3-Dichlorobenzene	9.12	146	1532275	450.54	ng		96
77) C309	4-Isopropyltoluene	9.15	119	3145665	482.94	ng		99
78) C267	1,4-Dichlorobenzene	9.19	146	1517375	442.33	ng		97
79) C249	1,2-Dichlorobenzene	9.49	146	1355561	433.20	ng		95
80) C310	n-Butylbenzene	9.48	91	2781526	462.88	ng		97
81) C286	1,2-Dibromo-3-Chloro	10.12	75	125436	538.02	ng		90
82) C313	1,2,4-Trichlorobenze	10.83	180	756342	481.68	ng		98
83) C316	Hexachlorobutadiene	10.97	225	312305	462.84	ng		100
84) C314	Naphthalene	11.02	128	2207421	516.01	ng		100
85) C934	1,2,3-Trichlorobenze	11.22	180	667028	466.87	ng		97

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

METHOD 8260 - AQUEOUS (30% RSD/ 20% D)
CONTINUING CALIBRATION CHECK

Lab Name: STL Buffalo Contract: 4 Lab Samp ID: A5C0006622-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: _____

Lab File Id: G7615.RR Calibration Date: 12/27/2005 Time: 20:41

Intrument ID: HP5973G Init. Calib. Date(s): 12/20/2005 12/20/2005

Heated Purge (Y/N): N Init. Calib. Times: 11:27 14:25

GC Column: DB-624 ID: 0.25(mm)

COMPOUND	AVG RRF	RRF25	MIN RRF	% D	MAX % D
Chloromethane	0.5350	0.4807	0.1000	10.100	100.00
Bromomethane	0.2430	0.2271	0.0100	6.500	100.00
Vinyl chloride	0.5150	0.4801	0.0100	6.800	20.00
Chloroethane	0.2780	0.2863	0.0100	-3.000	100.00
Methylene chloride	0.5040	0.4267	0.0100	15.300	100.00
Acetone	0.1360	0.1378	0.0100	-1.300	100.00
Carbon Disulfide	1.0760	1.0944	0.0100	-1.700	100.00
1,1-Dichloroethene	0.3670	0.3577	0.0100	2.500	20.00
1,1-Dichloroethane	0.7850	0.7545	0.1000	3.900	100.00
cis-1,2-Dichloroethene	0.4590	0.4420	0.0100	3.700	100.00
trans-1,2-Dichloroethene	0.4120	0.4066	0.0100	1.300	100.00
Chloroform	0.7580	0.7293	0.0100	3.800	20.00
1,2-Dichloroethane	0.6360	0.6220	0.0100	2.200	100.00
2-Butanone	0.2170	0.2195	0.0100	-1.200	100.00
1,1,1-Trichloroethane	0.6510	0.6391	0.0100	1.800	100.00
Carbon Tetrachloride	0.5470	0.5380	0.0100	1.600	100.00
Bromodichloromethane	0.5260	0.4970	0.0100	5.500	100.00
1,2-Dichloropropane	0.4560	0.4458	0.0100	2.200	20.00
cis-1,3-Dichloropropene	0.6780	0.6458	0.0100	4.700	100.00
Trichloroethene	0.4420	0.4252	0.0100	3.800	100.00
Dibromochloromethane	0.7400	0.6795	0.0100	8.200	100.00
1,1,2-Trichloroethane	0.6290	0.6087	0.0100	3.200	100.00
Benzene	1.7200	1.6705	0.0100	2.900	100.00
trans-1,3-Dichloropropene	1.2540	1.1798	0.0100	5.900	100.00
Bromoform	0.4350	0.3877	0.1000	10.900	100.00
4-Methyl-2-pentanone	0.9310	0.9538	0.0100	-2.400	100.00
2-Hexanone	0.6640	0.6748	0.0100	-1.600	100.00
Tetrachloroethene	0.9390	0.9052	0.0100	3.600	100.00
1,1,2,2-Tetrachloroethane	1.0250	1.0273	0.3000	-0.200	100.00
Toluene	2.2150	2.1334	0.0100	3.700	20.00
Chlorobenzene	2.4980	2.4200	0.3000	3.100	100.00
Ethylbenzene	4.2190	4.1350	0.0100	2.000	20.00
Styrene	2.5710	2.5271	0.0100	1.700	100.00
Total Xylenes	1.6170	1.5615	0.0100	3.400	100.00
1,1,2-Trichloro-1,2,2-trifluoro	0.3840	0.4013	0.0100	-4.500	100.00
1,2,4-Trichlorobenzene	1.5700	1.2886	0.0100	17.900	100.00
1,2-Dibromo-3-chloropropane	0.1840	0.1722	0.0100	6.400	100.00
1,2-Dibromoethane	0.7570	0.7395	0.0100	2.300	100.00
1,2-Dichlorobenzene	2.0840	1.9914	0.0100	4.400	100.00

METHOD 8260 - AQUEOUS (30% RSD/ 20% D)
CONTINUING CALIBRATION CHECK

Lab Name: STL Buffalo Contract: 4 Lab Samp ID: A5C0006622-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: _____

Lab File Id: G7615.RR Calibration Date: 12/27/2005 Time: 20:41

Intrument ID: HP5973G Init. Calib. Date(s): 12/20/2005 12/20/2005

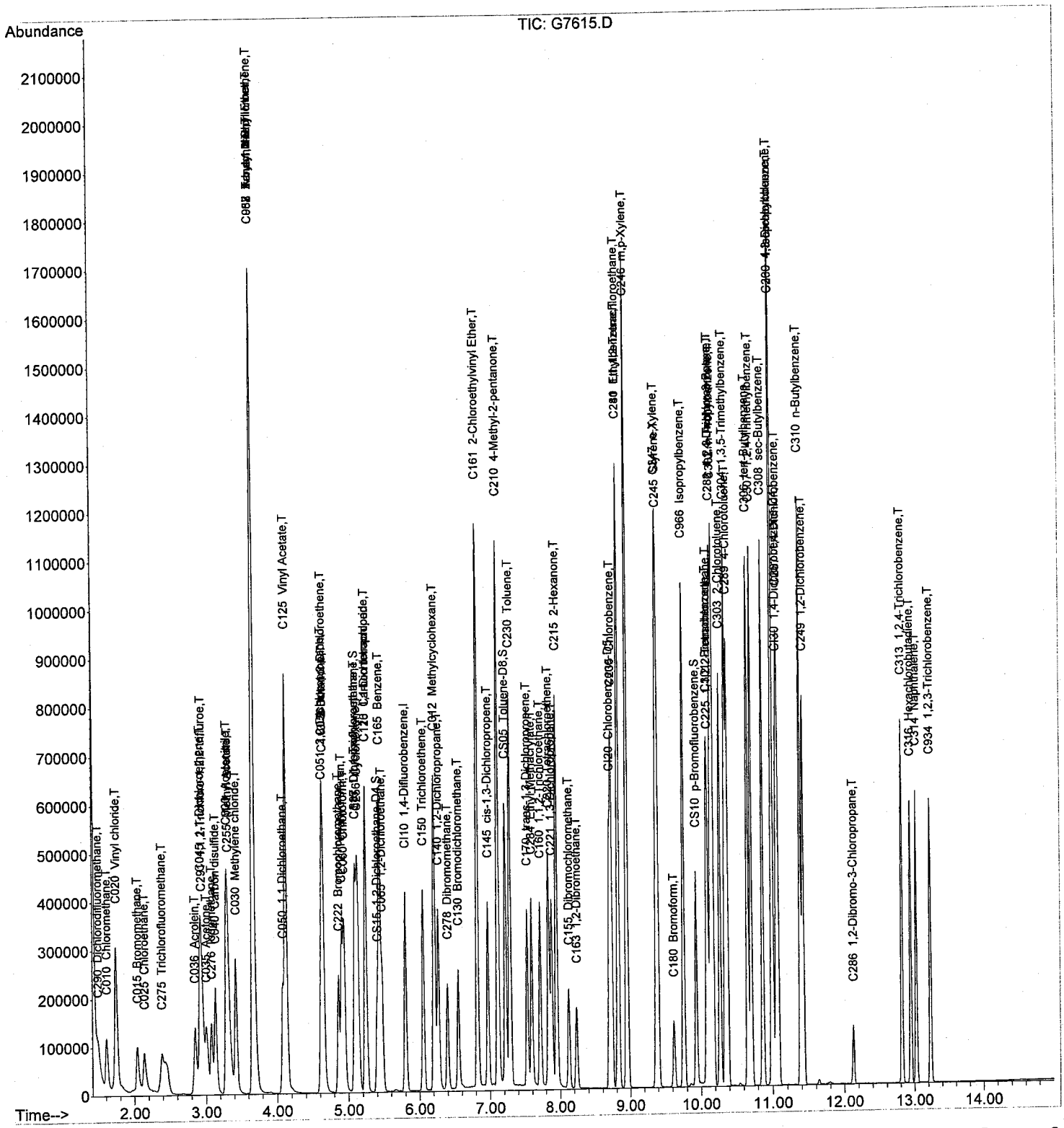
Heated Purge (Y/N): N Init. Calib. Times: 11:27 14:25

GC Column: DB-624 ID: 0.25(mm)

COMPOUND	AVG RRF	RRF25	MIN RRF	% D	MAX % D
1,3-Dichlorobenzene	2.1120	2.0388	0.0100	3.500	100.00
1,4-Dichlorobenzene	2.1890	2.0952	0.0100	4.300	100.00
Cyclohexane	0.7620	0.7753	0.0100	-1.700	100.00
Dichlorodifluoromethane	0.4230	0.3486	0.0100	17.600	100.00
Methyl acetate	0.6030	0.5515	0.0100	8.500	100.00
Naphthalene	3.2560	2.6952	0.0100	17.200	100.00
Trichlorofluoromethane	0.5790	0.5910	0.0100	-2.100	100.00
Methyl-t-Butyl Ether (MTBE)	1.3240	1.3102	0.0100	1.000	100.00
Isopropylbenzene	4.4280	4.3262	0.0100	2.300	100.00
Methylcyclohexane	0.8230	0.8480	0.0100	-3.000	100.00
Toluene-D8	2.5210	2.4037	0.0100	4.600	100.00
p-Bromofluorobenzene	0.7740	0.7215	0.0100	6.800	100.00
1,2-Dichloroethane-D4	0.4020	0.3772	0.0100	6.200	100.00

Data File: C:\MSDCHEM\1\DATA\122705\G7615.D
Acq On : 27 Dec 2005 20:41
Sample : VSTD025
Misc :
Integrator: RTE
Quant Time: Dec 27 21:05:31 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 27 08:55:23 2005
Response via : Initial Calibration
Data Path : C:\MSDCHEM\1\DATA\122705\
Operator : TLC



Data File: C:\MSDCHEM\1\DATA\122705\G7615.D
Acq On : 27 Dec 2005 20:41
Sample : VSTD025
Misc :
Integrator: RTE
Quant Time: Dec 27 21:05:31 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 27 08:55:23 2005
Response via : Initial Calibration
Data Path : C:\MSDCHEM\1\DATA\122705\
Operator : TLC

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.80	114	349549	125.00	ng	0.00 93.39%
43) CI20	Chlorobenzene-D5	8.70	82	177567	125.00	ng	0.00 92.48%
63) CI30	1,4-Dichlorobenzene-	11.05	152	170788	125.00	ng	0.00 93.19%
System Monitoring Compounds							
26) CS87	Dibromofluoromethane	5.10	111	102274	116.89	NG	0.00
Spiked Amount	125.000	Range	70 - 130	Recovery	=	93.51%	
31) CS15	1,2-Dichloroethane-D	5.40	65	131858	117.18	ng	0.00
Spiked Amount	125.000	Range	73 - 136	Recovery	=	93.74%	
44) CS05	Toluene-D8	7.22	98	426817	119.20	ng	0.00
Spiked Amount	125.000	Range	77 - 122	Recovery	=	95.36%	
62) CS10	p-Bromofluorobenzene	9.93	174	128111	116.45	ng	0.00
Spiked Amount	125.000	Range	74 - 120	Recovery	=	93.16%	
Target Compounds							Qvalue
2) C290	Dichlorodifluorometh	1.49	85	121839	102.89	ng	99
3) C010	Chloromethane	1.61	50	168034	112.34	ng	99
4) C020	Vinyl chloride	1.74	62	167805	116.57	ng	99
5) C015	Bromomethane	2.04	94	79374	116.70	ng	100
6) C025	Chloroethane	2.14	64	100082	128.66	ng	97
7) C275	Trichlorofluorometha	2.39	101	206466m	127.52	ng	0
8) C045	1,1-Dichloroethene	2.93	96	125044	121.72	ng	83
9) C030	Methylene chloride	3.43	84	149146	105.90	ng	88
10) C040	Carbon disulfide	3.13	76	382563	127.13	ng	97
11) C036	Acrolein	2.85	56	193798	2045.63	ng	99
12) C038	Acrylonitrile	3.67	53	1144298	2589.26	ng	99
13) C035	Acetone	3.00	43	240795	633.76	ng	97
14) C300	Acetonitrile	3.29	41	833370	5013.95	ng	100
15) C276	Iodomethane	3.08	142	206583	124.68	ng	95
16) C291	1,1,2-Trichloro-1,2,	2.94	101	140291	130.54	ng	92
17) C962	T-butyl Methyl Ether	3.68	73	457965	123.71	ng	92
18) C057	trans-1,2-Dichloroet	3.68	96	142129	123.26	ng	# 51
19) C255	Methyl Acetate	3.32	43	192779	114.30	ng	100
20) C050	1,1-Dichloroethane	4.08	63	263725	120.19	ng	97
21) C125	Vinyl Acetate	4.12	43	1467366	626.73	ng	96
22) C051	2,2-Dichloropropane	4.62	77	229974	122.84	ng	93
23) C056	cis-1,2-Dichloroethe	4.63	96	154491	120.47	ng	91
24) C272	Tetrahydrofuran	4.91	42	250135	629.17	ng	93
25) C222	Bromochloromethane	4.86	128	74598	119.63	ng	91
27) C060	Chloroform	4.94	83	254924	120.20	ng	95
28) C115	1,1,1-Trichloroethan	5.09	97	223392	122.63	ng	94
29) C120	Carbon tetrachloride	5.24	117	188050	122.87	ng	99
30) C116	1,1-Dichloropropene	5.24	75	204070	123.94	ng	87
32) C165	Benzene	5.44	78	583926	121.37	ng	98
33) C065	1,2-Dichloroethane	5.47	62	217412	122.18	ng	97
34) C110	2-Butanone	4.65	43	383704	633.77	ng	96
35) C256	Cyclohexane	5.13	56	271012	127.17	ng	87
36) C150	Trichloroethene	6.05	95	148645	120.23	ng	90

Data File: C:\MSDCHEM\1\DATA\122705\G7615.D
Acq On : 27 Dec 2005 20:41
Sample : VSTD025
Misc :
Integrator: RTE
Quant Time: Dec 27 21:05:31 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 27 08:55:23 2005
Response via : Initial Calibration
Data Path : C:\MSDCHEM\1\DATA\122705\
Operator : TLC

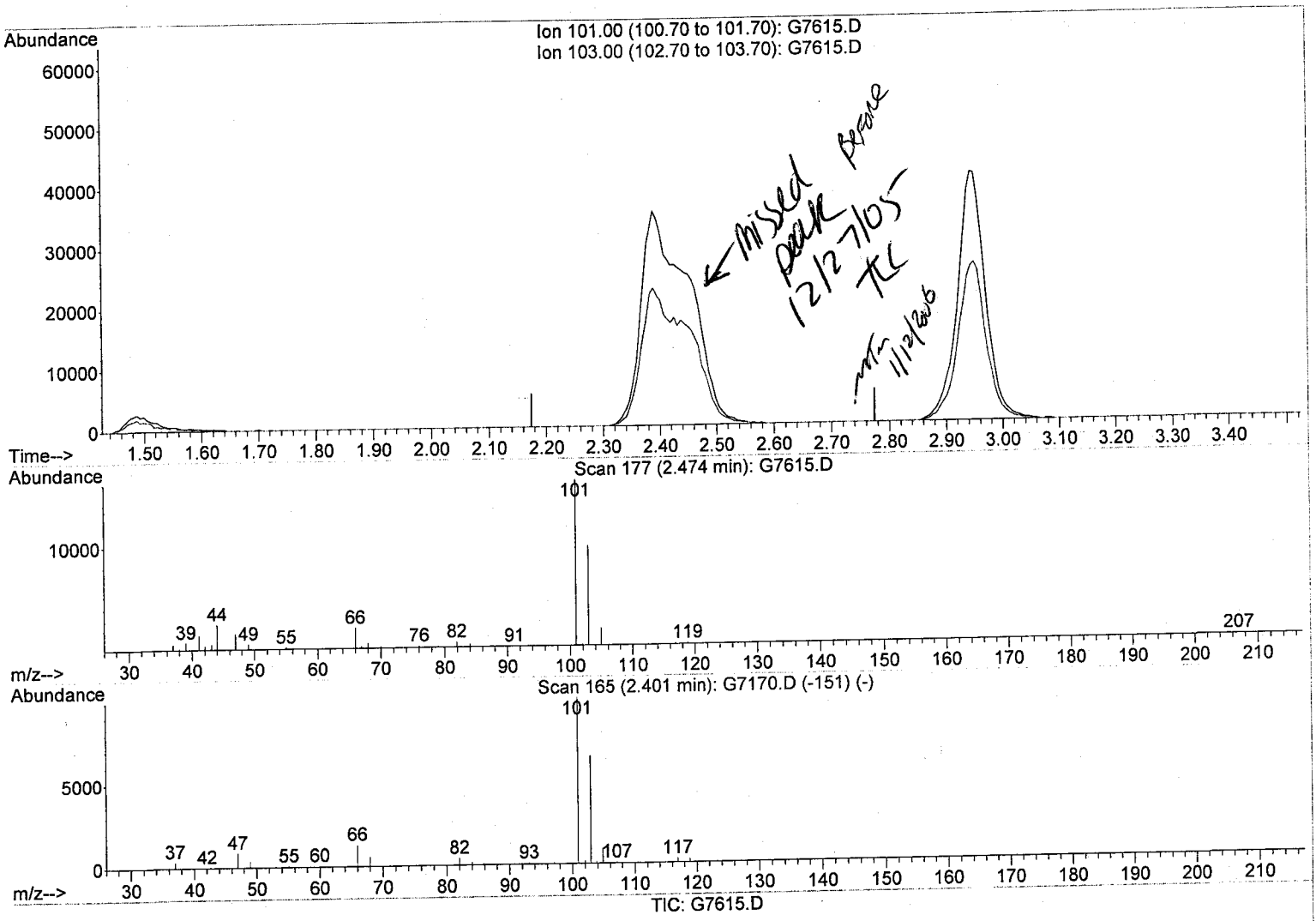
Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
37) C140	1,2-Dichloropropane	6.27	63	155822	122.08	ng		98
38) C278	Dibromomethane	6.40	93	88343	122.13	ng	#	81
39) C130	Bromodichloromethane	6.55	83	173713	118.02	ng		96
40) C161	2-Chloroethylvinyl E	6.82	63	536807	635.11	ng		94
41) C012	Methylcyclohexane	6.21	83	296421	128.83	ng		89
42) C145	cis-1,3-Dichloroprop	6.97	75	225733	119.08	ng		98
45) C230	Toluene	7.28	92	378821	120.41	ng		98
46) C170	trans-1,3-Dichloropr	7.53	75	209489	117.57	ng		93
47) C284	Ethyl Methacrylate	7.60	69	211920	125.03	ng		98
48) C160	1,1,2-Trichloroethan	7.72	83	108083	121.05	ng		99
49) C210	4-Methyl-2-pentanone	7.11	43	846801	640.62	ng		99
50) C220	Tetrachloroethene	7.84	166	160741	120.51	ng		93
51) C221	1,3-Dichloropropane	7.88	76	243084	122.67	ng		98
52) C155	Dibromochloromethane	8.13	129	120653	114.75	ng		99
53) C163	1,2-Dibromoethane	8.24	107	131312	122.18	ng		98
54) C215	2-Hexanone	7.95	43	599073	635.18	ng		99
55) C235	Chlorobenzene	8.73	112	429708	121.10	ng		99
56) C281	1,1,1,2-Tetrachloroe	8.82	131	142137	122.26	ng		94
57) C240	Ethylbenzene	8.83	91	734238	122.50	ng		99
58) C246	m,p-Xylene	8.95	106	568024	243.35	ng		96
59) C247	o-Xylene	9.38	106	277278	120.75	ng		94
60) C245	Styrene	9.40	104	448725	122.88	ng		98
61) C180	Bromoform	9.62	173	68841	111.52	ng		99
64) C966	Isopropylbenzene	9.75	105	738859	122.13	ng		98
65) C301	Bromobenzene	10.08	156	176475	118.17	ng		94
66) C225	1,1,2,2-Tetrachloroe	10.10	83	175456	125.27	ng		99
67) C282	1,2,3-Trichloropropa	10.14	110	54257	119.96	ng		100
68) C283	t-1,4-Dichloro-2-But	10.14	51	124461	728.84	ng	#	65
69) C302	n-Propylbenzene	10.17	91	931075	123.81	ng		97
70) C303	2-Chlorotoluene	10.27	126	176199	121.07	ng		100
71) C289	4-Chlorotoluene	10.38	126	179606	118.66	ng		100
72) C304	1,3,5-Trimethylbenze	10.34	105	627266	122.07	ng		97
73) C306	tert-Butylbenzene	10.66	134	140925	122.82	ng		96
74) C307	1,2,4-Trimethylbenze	10.71	105	635306	121.86	ng		97
75) C308	sec-Butylbenzene	10.87	105	779137	122.41	ng		97
76) C260	1,3-Dichlorobenzene	10.99	146	348198	120.68	ng		98
77) C309	4-Isopropyltoluene	11.00	119	712974	123.92	ng		98
78) C267	1,4-Dichlorobenzene	11.08	146	357827	119.64	ng		96
79) C249	1,2-Dichlorobenzene	11.42	146	340099	119.43	ng		89
80) C310	n-Butylbenzene	11.38	91	643207	120.68	ng		97
81) C286	1,2-Dibromo-3-Chloro	12.12	75	29418	117.06	ng		97
82) C313	1,2,4-Trichlorobenze	12.82	180	220076	102.62	ng		100
83) C316	Hexachlorobutadiene	12.95	225	105704	111.22	ng		96
84) C314	Naphthalene	13.03	128	460306	103.47	ng		99
85) C934	1,2,3-Trichlorobenze	13.23	180	180395	96.03	ng		98

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

Quantitation Report (Qedit)

Data File: C:\MSDCHEM\1\DATA\122705\G7615.D
Acq On : 27 Dec 2005 20:41
Sample : VSTD025
Misc :
Integrator: RTE
Quant Time: Dec 27 21:00:04 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 27 08:55:23 2005
Response via : Initial Calibration
Data Path : C:\MSDCHEM\1\DATA\122705\
Operator : TLC



(7) C275 Trichlorofluoromethane (T)

2.47min (-2.474) 0.00ng

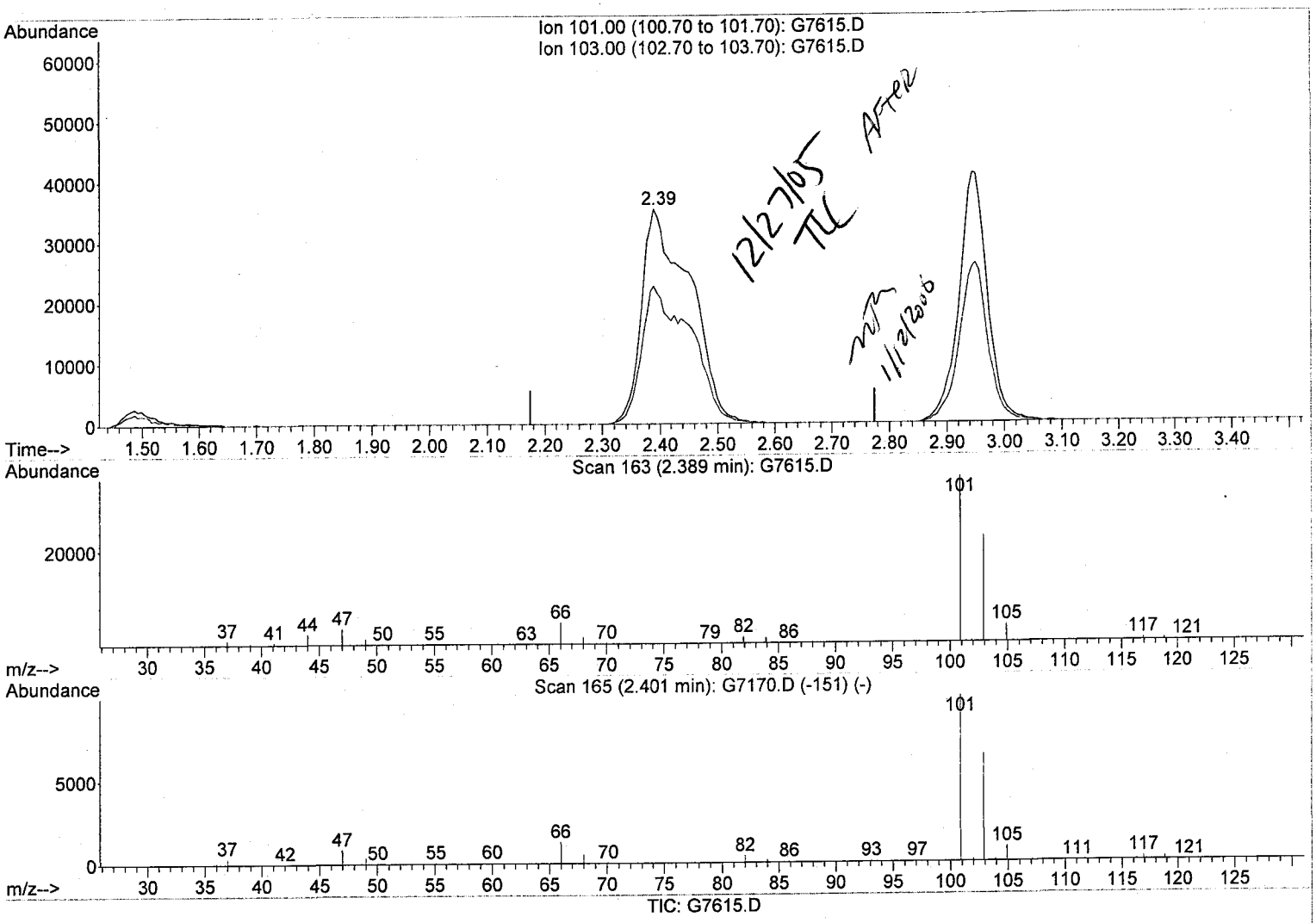
response 0

Ion	Exp%	Act%
101.00	100	0.00
103.00	63.20	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File: C:\MSDCHEM\1\DATA\122705\G7615.D
Acq On : 27 Dec 2005 20:41
Sample : VSTD025
Misc :
Integrator: RTE
Quant Time: Dec 27 21:00:04 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 27 08:55:23 2005
Response via : Initial Calibration
Data Path : C:\MSDCHEM\1\DATA\122705\
Operator : TLC



(7) C275 Trichlorofluoromethane (T)

2.39min (-0.085) 127.52ng m

response 206466

Ion	Exp%	Act%
101.00	100	100
103.00	63.20	64.03
0.00	0.00	0.00
0.00	0.00	0.00

METHOD 8260 - AQUEOUS (30% RSD/ 20% D)
CONTINUING CALIBRATION CHECK

Lab Name: STL Buffalo Contract: 4 Lab Samp ID: A5C0006629-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: _____

Lab File Id: Q9545.RR Calibration Date: 12/27/2005 Time: 20:40

Intrument ID: HP5973Q Init. Calib. Date(s): 12/23/2005 12/23/2005

Heated Purge (Y/N): N Init. Calib. Times: 09:01 11:46

GC Column: DB624 ID: 0.25(mm)

COMPOUND	AVG RRF	RRF25	MIN RRF	% D	MAX % D
Chloromethane	0.2820	0.3006	0.1000	-6.600	100.00
Bromomethane	0.0990	0.1129	0.0100	-14.000	100.00
Vinyl chloride	0.2700	0.2851	0.0100	-5.600	20.00
Chloroethane	0.1030	0.1601	0.0100	-55.400	100.00
Methylene chloride	0.3030	0.2921	0.0100	3.600	100.00
Acetone	0.1210	0.0988	0.0100	18.300	100.00
Carbon Disulfide	0.8430	0.8267	0.0100	1.900	100.00
1,1-Dichloroethene	0.2460	0.2361	0.0100	4.000	20.00
1,1-Dichloroethane	0.5520	0.5273	0.1000	4.500	100.00
cis-1,2-Dichloroethene	0.3210	0.3117	0.0100	2.900	100.00
trans-1,2-Dichloroethene	0.2880	0.2784	0.0100	3.300	100.00
Chloroform	0.5020	0.4892	0.0100	2.500	20.00
1,2-Dichloroethane	0.4160	0.4046	0.0100	2.700	100.00
2-Butanone	0.2050	0.1684	0.0100	17.800	100.00
1,1,1-Trichloroethane	0.4040	0.3893	0.0100	3.600	100.00
Carbon Tetrachloride	0.3480	0.3344	0.0100	3.900	100.00
Bromodichloromethane	0.3610	0.3523	0.0100	2.400	100.00
1,2-Dichloropropane	0.3290	0.3139	0.0100	4.600	20.00
cis-1,3-Dichloropropene	0.5100	0.4938	0.0100	3.200	100.00
Trichloroethene	0.3020	0.2783	0.0100	7.800	100.00
Dibromochloromethane	0.3440	0.3321	0.0100	3.400	100.00
1,1,2-Trichloroethane	0.2670	0.2511	0.0100	6.000	100.00
Benzene	1.2370	1.1859	0.0100	4.100	100.00
trans-1,3-Dichloropropene	0.5470	0.5205	0.0100	4.800	100.00
Bromoform	0.5040	0.4283	0.1000	15.000	100.00
4-Methyl-2-pentanone	0.4780	0.4068	0.0100	14.900	100.00
2-Hexanone	0.3460	0.2827	0.0100	18.300	100.00
Tetrachloroethene	0.3590	0.3440	0.0100	4.200	100.00
1,1,2,2-Tetrachloroethane	0.9580	0.8183	0.3000	14.600	100.00
Toluene	0.8890	0.8631	0.0100	2.900	20.00
Chlorobenzene	1.0230	0.9781	0.3000	4.400	100.00
Ethylbenzene	1.5170	1.4987	0.0100	1.200	20.00
Styrene	1.0100	0.9755	0.0100	3.400	100.00
Total Xylenes	0.6280	0.6120	0.0100	2.500	100.00
1,1,2-Trichloro-1,2,2-trifluoro	0.2090	0.2247	0.0100	-7.500	100.00
1,2,4-Trichlorobenzene	1.0200	0.7299	0.0100	28.400	100.00
1,2-Dibromo-3-chloropropane	0.1790	0.1462	0.0100	18.300	100.00
1,2-Dibromoethane	0.3490	0.3270	0.0100	6.300	100.00
1,2-Dichlorobenzene	1.5900	1.4284	0.0100	10.200	100.00

METHOD 8260 - AQUEOUS (30% RSD/ 20% D)
CONTINUING CALIBRATION CHECK

Lab Name: STL Buffalo Contract: 4 Lab Samp ID: A5C0006629-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: _____

Lab File Id: Q9545.RR Calibration Date: 12/27/2005 Time: 20:40

Intrument ID: HP5973Q Init. Calib. Date(s): 12/23/2005 12/23/2005

Heated Purge (Y/N): N Init. Calib. Times: 09:01 11:46

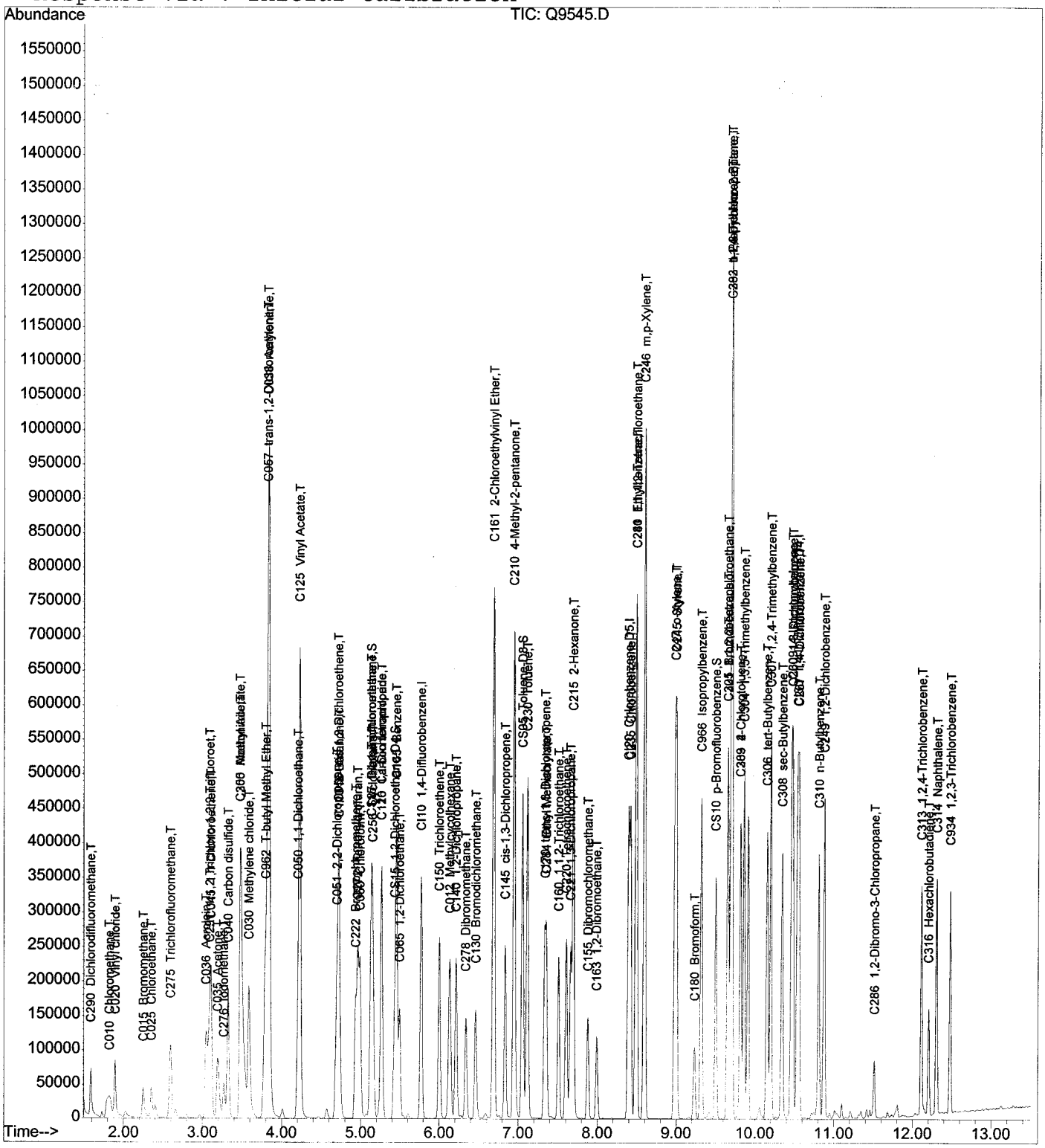
GC Column: DB624 ID: 0.25(mm)

COMPOUND	AVG RRF	RRF25	MIN RRF	% D	MAX % D
1,3-Dichlorobenzene	1.5980	1.4427	0.0100	9.700	100.00
1,4-Dichlorobenzene	1.6540	1.4840	0.0100	10.300	100.00
Cyclohexane	0.4090	0.4247	0.0100	-3.800	100.00
Dichlorodifluoromethane	0.2210	0.2193	0.0100	0.800	100.00
Methyl acetate	0.4280	0.4620	0.0100	-7.900	100.00
Naphthalene	2.7890	1.9183	0.0100	31.200	100.00
Trichlorofluoromethane	0.3050	0.3518	0.0100	-15.300	100.00
Methyl-t-Butyl Ether (MTBE)	0.9620	0.9264	0.0100	3.700	100.00
Isopropylbenzene	3.1000	2.7283	0.0100	12.000	100.00
Methylcyclohexane	0.4000	0.3482	0.0100	13.000	100.00
Toluene-D8	1.2350	1.2498	0.0100	-1.200	100.00
p-Bromofluorobenzene	0.3980	0.4152	0.0100	-4.300	100.00
1,2-Dichloroethane-D4	0.3160	0.2977	0.0100	5.800	100.00

Quantitation Report

Data File : C:\HPCHEM\1\DATA\122705\Q9545.D Vial: 28
Acq On : 27 Dec 2005 20:40 Operator: TLC
Sample : VSTD025 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 27 20:55 2005 Quant Results File: A5I02444.RES

Method : C:\HPCHEM\1\METHODS\Q8260\A5I02444.M (RTE Integrator)
Title : 8260 5ML
Last Update : Tue Dec 27 12:10:39 2005
Response via : Initial Calibration



Quantitation Report STL Buffalo

Data File : C:\HPCHEM\1\DATA\122705\Q9545.D Vial: 28
Acq On : 27 Dec 2005 20:40 Operator: TLC
Sample : VSTD025 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 27 20:55 2005 Quant Results File: A5I02444.RES

Quant Method : C:\HPCHEM\1...\A5I02444.M (RTE Integrator)
Title : 8260 5ML
Last Update : Tue Dec 27 12:10:39 2005
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : C:\HPCHEM\1\DATA\122605\Q9520.D (27 Dec 2005 9:01)

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.77	114	288192	125.00	ng		0.00
								101.26%
43) CI20	Chlorobenzene-D5	8.39	117	252227	125.00	ng		0.00
								100.42%
62) CI30	1,4-Dichlorobenzene-	10.53	152	126055	125.00	ng		0.00
								100.38%
System Monitoring Compounds								
30) CS87	Dibromofluoromethane	5.14	111	77081	122.91	ng		0.00
Spiked Amount	125.000	Range	70 - 130		Recovery =		98.33%	
31) CS15	1,2-Dichloroethane-D	5.43	65	85785	117.65	ng		0.00
Spiked Amount	125.000	Range	72 - 143		Recovery =		94.12%	
44) CS05	Toluene-D8	7.05	98	315237	126.51	ng		0.00
Spiked Amount	125.000	Range	76 - 116		Recovery =		101.21%	
61) CS10	p-Bromofluorobenzene	9.50	174	104723	130.44	ng		0.00
Spiked Amount	125.000	Range	73 - 117		Recovery =		104.35%	
Target Compounds								Qvalue
2) C290	Dichlorodifluorometh	1.59	85	63202	124.24	ng		98
3) C010	Chloromethane	1.82	50	86629	133.44	ng		99
4) C020	Vinyl chloride	1.90	62	82170	131.81	ng		99
5) C015	Bromomethane	2.25	94	32536	141.97	ng		95
6) C025	Chloroethane	2.35	64	46143	193.60	ng		98
7) C275	Trichlorofluorometha	2.60	101	101381	144.14	ng		98
8) C045	1,1-Dichloroethene	3.11	96	68053	119.98	ng		95
9) C030	Methylene chloride	3.59	84	84168	120.61	ng		99
10) C040	Carbon disulfide	3.33	76	238240	122.61	ng		100
11) C036	Acrolein	3.05	56	126110	2861.03	ng		95
12) C038	Acrylonitrile	3.84	53	771812	2186.67	ng		98
13) C035	Acetone	3.20	43	142338	508.33	ng		96
14) C300	Acetonitrile	3.48	41	557617	4334.16	ng		98
15) C276	Iodomethane	3.27	142	75855	89.57	ng	#	83
16) C291	1,1,2 Trichloro-1,2,	3.09	101	64743	134.25	ng	#	81
17) C962	T-butyl Methyl Ether	3.79	73	266980	120.35	ng		91
18) C057	trans-1,2-Dichloroet	3.82	96	80231	120.75	ng		90
19) C255	Methyl Acetate	3.48	43	133140	134.80	ng		97
20) C050	1,1-Dichloroethane	4.20	63	151968	119.32	ng		100
21) C125	Vinyl Acetate	4.23	43	960258	546.94	ng		100
22) C051	2,2-Dichloropropane	4.69	77	121669	123.21	ng		96

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

Quantitation Report STL Buffalo

Data File : C:\HPCHEM\1\DATA\122705\Q9545.D Vial: 28
Acq On : 27 Dec 2005 20:40 Operator: TLC
Sample : VSTD025 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 27 20:55 2005 Quant Results File: A5I02444.RES

Quant Method : C:\HPCHEM\1...\A5I02444.M (RTE Integrator)
Title : 8260 5ML
Last Update : Tue Dec 27 12:10:39 2005
Response via : Initial Calibration
DataAcq Meth : VOA

	Compound		R.T.	QIon	Response	Conc	Unit		Qvalue
23)	C056	cis-1,2-Dichloroethe	4.72	96	89841	121.22	ng		92
24)	C272	Tetrahydrofuran	4.96	42	165467	509.97	ng		96
25)	C222	Bromochloromethane	4.94	128	46731	126.10	ng	#	74
26)	C060	Chloroform	4.99	83	140991	121.79	ng		99
27)	C115	1,1,1-Trichloroethan	5.13	97	112203	120.32	ng		96
28)	C120	Carbon tetrachloride	5.27	117	96363	120.15	ng		99
29)	C116	1,1-Dichloropropene	5.27	75	107935	119.83	ng		94
32)	C165	Benzene	5.45	78	341779	119.82	ng		100
33)	C065	1,2-Dichloroethane	5.50	62	116612	121.72	ng		96
34)	C110	2-Butanone	4.73	43	242613	512.37	ng		100
35)	C256	Cyclohexane	5.16	56	122396	129.86	ng		99
36)	C150	Trichloroethene	6.00	95	80215	115.04	ng	#	68
37)	C140	1,2-Dichloropropane	6.22	63	90473	119.28	ng		96
38)	C278	Dibromomethane	6.34	93	50774	120.19	ng	#	80
39)	C130	Bromodichloromethane	6.46	83	101539	122.04	ng		97
40)	C161	2-Chloroethylvinyl E	6.69	63	323306	573.82	ng	#	84
41)	C012	Methylcycolhexane	6.14	83	100351	108.92	ng	#	80
42)	C145	cis-1,3-Dichloroprop	6.84	75	142309	121.02	ng		87
45)	C230	Toluene	7.12	92	217700	121.39	ng		93
46)	C170	trans-1,3-Dichloropr	7.33	75	131282	118.86	ng		94
47)	C284	Ethyl Methacrylate	7.36	69	123138	115.38	ng	#	75
48)	C160	1,1,2-Trichloroethan	7.51	83	63344	117.46	ng		86
49)	C210	4-Methyl-2-pentanone	6.95	43	512977	531.38	ng	#	87
50)	C220	Tetrachloroethene	7.61	166	86762	119.87	ng		92
51)	C221	1,3-Dichloropropane	7.66	76	140308	117.85	ng		98
52)	C155	Dibromochloromethane	7.88	129	83760	120.53	ng		99
53)	C163	1,2-Dibromoethane	7.99	107	82468	116.97	ng		91
54)	C215	2-Hexanone	7.69	43	356540	510.69	ng		98
55)	C235	Chlorobenzene	8.42	112	246697	119.49	ng		89
56)	C281	1,1,1,2-Tetrachloroe	8.49	131	85940	123.07	ng		95
57)	C240	Ethylbenzene	8.49	91	378013	123.50	ng		88
58)	C246	m,p-Xylene	8.59	106	325904	253.44	ng	#	82
59)	C247	o-Xylene	8.98	106	154375	121.87	ng	#	83
60)	C245	Styrene	9.00	104	246052	120.77	ng		92
63)	C180	Bromoform	9.23	173	53995	106.27	ng		98
64)	C966	Isopropylbenzene	9.32	105	343918	110.02	ng		91
65)	C301	Bromobenzene	9.65	156	105615	115.11	ng	#	71
66)	C225	1,1,2,2-Tetrachloroe	9.65	83	103153	106.76	ng		94
67)	C282	1,2,3-Trichloropropa	9.70	110	33294	104.41	ng		100
68)	C283	t-1,4-Dichloro-2-But	9.69	51	78291	529.55	ng		83
69)	C302	n-Propylbenzene	9.70	91	404941	109.62	ng		89

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

Quantitation Report STL Buffalo

Data File : C:\HPCHEM\1\DATA\122705\Q9545.D Vial: 28
Acq On : 27 Dec 2005 20:40 Operator: TLC
Sample : VSTD025 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 27 20:55 2005 Quant Results File: A5I02444.RES

Quant Method : C:\HPCHEM\1...\A5I02444.M (RTE Integrator)
Title : 8260 5ML
Last Update : Tue Dec 27 12:10:39 2005
Response via : Initial Calibration
DataAcq Meth : VOA

	Compound		R.T.	QIon	Response	Conc	Unit		Qvalue
70)	C303	2-Chlorotoluene	9.82	126	88727	111.86	ng		100
71)	C289	4-Chlorotoluene	9.82	126	88727	106.80	ng		100
72)	C304	1,3,5-Trimethylbenze	9.86	105	276143	108.28	ng	#	41
73)	C306	tert-Butylbenzene	10.15	134	60339	100.72	ng		100
74)	C307	1,2,4-Trimethylbenze	10.20	105	302182	116.22	ng		94
75)	C308	sec-Butylbenzene	10.35	105	281203	91.53	ng		88
76)	C260	1,3-Dichlorobenzene	10.48	146	181865	112.87	ng		95
77)	C309	4-Isopropyltoluene	10.46	119	261346	92.97	ng		94
78)	C267	1,4-Dichlorobenzene	10.55	146	187062	112.15	ng		96
79)	C249	1,2-Dichlorobenzene	10.87	146	180056	112.31	ng		94
80)	C310	n-Butylbenzene	10.81	91	193071	83.99	ng		79
81)	C286	1,2-Dibromo-3-Chloro	11.51	75	18428	102.14	ng	#	78
82)	C313	1,2,4-Trichlorobenze	12.11	180	92012	89.45	ng		100
83)	C316	Hexachlorobutadiene	12.20	225	26246	72.93	ng		95
84)	C314	Naphthalene	12.30	128	241817	85.99	ng		100
85)	C934	1,2,3-Trichlorobenze	12.47	180	87653	91.37	ng		100

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

METHOD 8260 - AQUEOUS (30% RSD/ 20% D)
CONTINUING CALIBRATION CHECK

Lab Name: STL Buffalo Contract: 4 Lab Samp ID: A5C0006621-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: _____

Lab File Id: S9652.RR Calibration Date: 12/27/2005 Time: 10:13

Intrument ID: HP5973S Init. Calib. Date(s): 12/22/2005 12/22/2005

Heated Purge (Y/N): N Init. Calib. Times: 15:56 17:33

GC Column: DB-624 ID: 0.18(mm)

COMPOUND	AVG RRF	RRF25	MIN RRF	% D	MAX % D
Chloromethane	0.5550	0.4163	0.1000	25.000	100.00
Bromomethane	0.0690	0.0551	0.0100	20.100	100.00
Vinyl chloride	0.4190	0.3513	0.0100	16.200	20.00
Chloroethane	0.0940	0.1345	0.0100	-43.100	100.00
Methylene chloride	0.5160	0.4625	0.0100	10.400	100.00
Acetone	0.1340	0.1297	0.0100	3.200	100.00
Carbon Disulfide	1.2390	1.2027	0.0100	2.900	100.00
1,1-Dichloroethene	0.3890	0.4057	0.0100	-4.300	20.00
1,1-Dichloroethane	0.8090	0.8166	0.1000	-0.900	100.00
cis-1,2-Dichloroethene	0.4700	0.4875	0.0100	-3.700	100.00
trans-1,2-Dichloroethene	0.4410	0.4588	0.0100	-4.000	100.00
Chloroform	0.6960	0.7044	0.0100	-1.200	20.00
1,2-Dichloroethane	0.5010	0.4974	0.0100	0.700	100.00
2-Butanone	0.2180	0.2118	0.0100	2.800	100.00
1,1,1-Trichloroethane	0.5430	0.5731	0.0100	-5.500	100.00
Carbon Tetrachloride	0.4240	0.4598	0.0100	-8.400	100.00
Bromodichloromethane	0.4640	0.4919	0.0100	-6.000	100.00
1,2-Dichloropropane	0.4720	0.4855	0.0100	-2.900	20.00
cis-1,3-Dichloropropene	0.6310	0.6561	0.0100	-4.000	100.00
Trichloroethene	0.4420	0.4495	0.0100	-1.700	100.00
Dibromochloromethane	0.2340	0.2462	0.0100	-5.200	100.00
1,1,2-Trichloroethane	0.2320	0.2315	0.0100	0.200	100.00
Benzene	1.9210	1.9746	0.0100	-2.800	100.00
trans-1,3-Dichloropropene	0.3910	0.4133	0.0100	-5.700	100.00
Bromoform	0.2430	0.2369	0.1000	2.500	100.00
4-Methyl-2-pentanone	0.3320	0.3251	0.0100	2.100	100.00
2-Hexanone	0.2290	0.2222	0.0100	3.000	100.00
Tetrachloroethene	0.2900	0.2780	0.0100	4.100	100.00
1,1,2,2-Tetrachloroethane	0.7340	0.7027	0.3000	4.300	100.00
Toluene	0.9190	0.9122	0.0100	0.700	20.00
Chlorobenzene	0.9540	0.9229	0.3000	3.200	100.00
Ethylbenzene	1.6840	1.6848	0.0100	0.000	20.00
Styrene	0.9470	0.9671	0.0100	-2.100	100.00
Total Xylenes	0.6140	0.6086	0.0100	0.900	100.00
1,1,2-Trichloro-1,2,2-trifluoro	0.3800	0.3880	0.0100	-2.100	100.00
1,2,4-Trichlorobenzene	0.6170	0.5592	0.0100	9.400	100.00
1,2-Dibromo-3-chloropropane	0.0920	0.0925	0.0100	-0.500	100.00
1,2-Dibromoethane	0.2710	0.2676	0.0100	1.200	100.00
1,2-Dichlorobenzene	1.2290	1.2146	0.0100	1.200	100.00

METHOD 8260 - AQUEOUS (30% RSD/ 20% D)
CONTINUING CALIBRATION CHECK

Lab Name: STL Buffalo Contract: 4 Lab Samp ID: A5C0006621-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: _____

Lab File Id: S9652.RR Calibration Date: 12/27/2005 Time: 10:13

Intrument ID: HP5973S Init. Calib. Date(s): 12/22/2005 12/22/2005

Heated Purge (Y/N): N Init. Calib. Times: 15:56 17:33

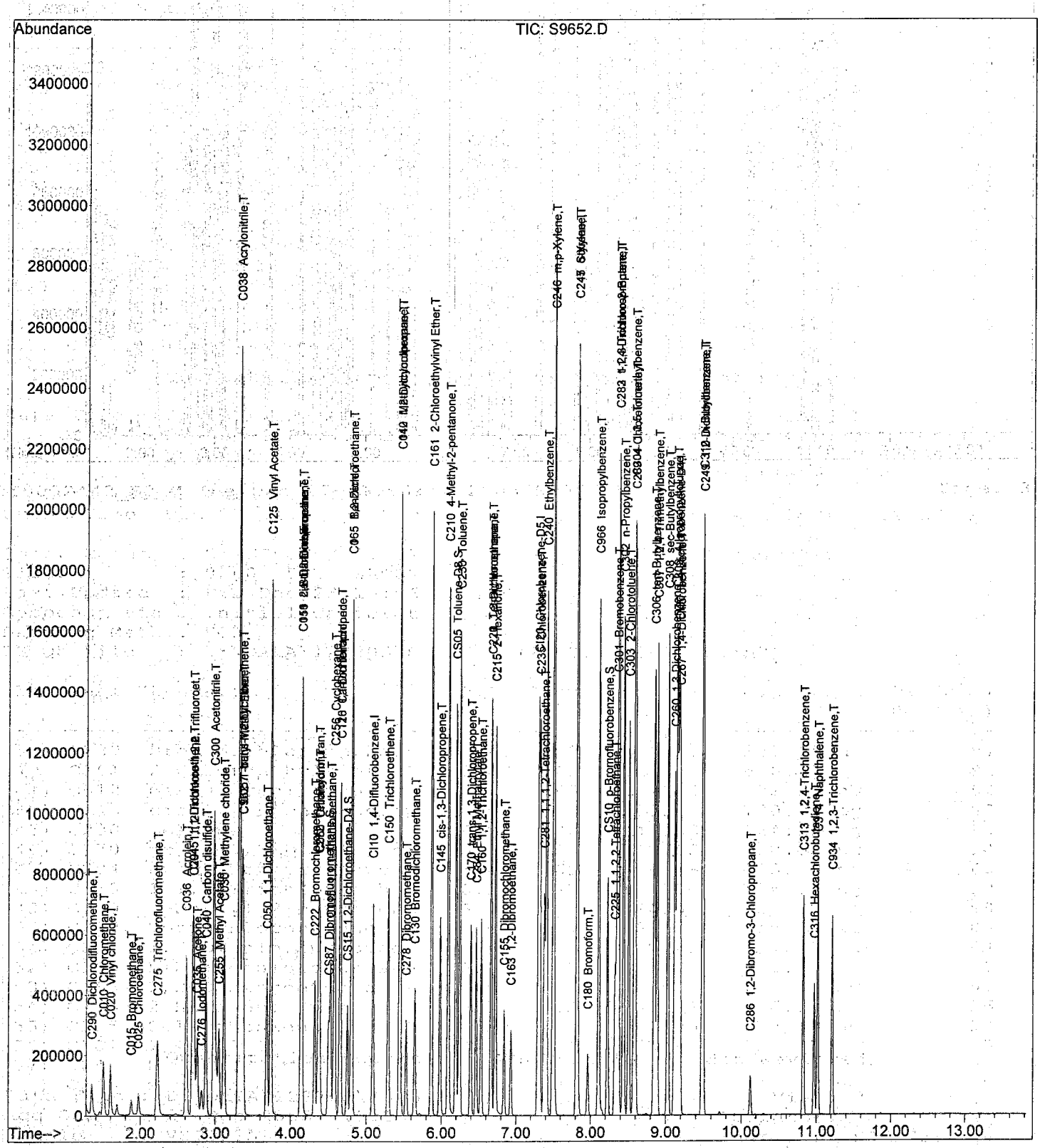
GC Column: DB-624 ID: 0.18(mm)

COMPOUND	AVG RRF	RRF25	MIN RRF	% D	MAX % D
1,3-Dichlorobenzene	1.3360	1.2837	0.0100	3.900	100.00
1,4-Dichlorobenzene	1.3470	1.2633	0.0100	6.200	100.00
Cyclohexane	0.9100	0.9401	0.0100	-3.300	100.00
Dichlorodifluoromethane	0.3800	0.2127	0.0100	44.000	100.00
Methyl acetate	0.5750	0.5578	0.0100	3.000	100.00
Naphthalene	1.6800	1.7070	0.0100	-1.600	100.00
Trichlorofluoromethane	0.4520	0.4646	0.0100	-2.800	100.00
Methyl-t-Butyl Ether (MTBE)	1.0200	1.0351	0.0100	-1.500	100.00
Isopropylbenzene	3.2900	3.2464	0.0100	1.300	100.00
Methylcyclohexane	0.8400	0.8885	0.0100	-5.800	100.00
Toluene-D8	1.2380	1.1537	0.0100	6.800	100.00
p-Bromofluorobenzene	0.2810	0.2518	0.0100	10.400	100.00
1,2-Dichloroethane-D4	0.3850	0.3674	0.0100	4.600	100.00

Quantitation Report STL Buffalo (Not Reviewed)

Data File : D:\DATA\122705\S9652.D Vial: 2
Acq On : 27 Dec 2005 10:13 Operator: LH
Sample : VSTD025 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Dec 27 11:08:29 2005 Results File: A5I0002442_E2.RES
Quant Method : C:\MSDCHEM\1...\A5I0002442_E2.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Fri Dec 23 13:06:43 2005
Response via : Initial Calibration
DataAcq Meth : VOA



Data File : D:\DATA\122705\S9652.D Vial: 2
Acq On : 27 Dec 2005 10:13 Operator: LH
Sample : VSTD025 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 27 11:08:29 2005 Results File: A5I0002442_E2.RES

Quant Method : C:\MSDCHEM\1...\A5I0002442_E2.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Fri Dec 23 13:06:43 2005
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\DATA\122305\S9627.D (23 Dec 2005 10:53)

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.09	114	441026	125.00	ng		0.00 98.33%
43) CI20	Chlorobenzene-D5	7.30	117	600499	125.00	ng		0.00 95.42%
62) CI30	1,4-Dichlorobenzene-	9.16	152	297459	125.00	ng		0.00 92.30%
System Monitoring Compounds								
30) CS87	Dibromofluoromethane	4.50	111	152481	122.50	ng		0.00
Spiked Amount	125.000	Range	70 - 130	Recovery =	98.00%			
31) CS15	1,2-Dichloroethane-D	4.75	65	162025	119.27	ng		0.00
Spiked Amount	125.000	Range	73 - 136	Recovery =	95.42%			
44) CS05	Toluene-D8	6.19	98	692783	116.46	ng		0.00
Spiked Amount	125.000	Range	77 - 122	Recovery =	93.17%			
61) CS10	p-Bromofluorobenzene	8.23	174	151233	111.96	ng		0.00
Spiked Amount	125.000	Range	74 - 120	Recovery =	89.57%			
Target Compounds								Qvalue
2) C290	Dichlorodifluorometh	1.35	85	93794	70.01	ng		99
3) C010	Chloromethane	1.50	50	183583	93.78	ng		100
4) C020	Vinyl chloride	1.60	62	154927	104.83	ng		100
5) C015	Bromomethane	1.88	94	24322	100.29	ng		95
6) C025	Chloroethane	1.97	64	59308	178.56	ng		99
7) C275	Trichlorofluorometha	2.22	101	204886	128.49	ng		99
8) C045	1,1-Dichloroethene	2.69	96	178909	130.30	ng		97
9) C030	Methylene chloride	3.11	84	203965	111.96	ng	#	86
10) C040	Carbon disulfide	2.87	76	530400	121.36	ng		99
11) C036	Acrolein	2.61	56	419259	2455.67	ng		97
12) C038	Acrylonitrile	3.31	53	1628774	2496.41	ng		98
13) C035	Acetone	2.75	43	285926	604.06	ng		92
14) C300	Acetonitrile	2.98	41	1238190	4796.32	ng		100
15) C276	Iodomethane	2.82	142	97881	116.93	ng	#	87
16) C291	1,1,2 Trichloro-1,2,	2.71	101	171099	127.65	ng		91
17) C962	T-butyl Methyl Ether	3.37	73	456493	126.80	ng	#	88
18) C057	trans-1,2-Dichloroet	3.35	96	202345	130.12	ng		99
19) C255	Methyl Acetate	3.04	43	245986	121.21	ng		91
20) C050	1,1-Dichloroethane	3.68	63	360149	126.21	ng		98
21) C125	Vinyl Acetate	3.73	43	2004628	654.22	ng		95
22) C051	2,2-Dichloropropane	4.14	77	234385	140.71	ng		90
23) C056	cis-1,2-Dichloroethe	4.14	96	214997	129.53	ng		99
24) C272	Tetrahydrofuran	4.36	42	316413	618.75	ng	#	1
25) C222	Bromochloromethane	4.32	128	87899	123.27	ng	#	80
26) C060	Chloroform	4.38	83	310672	126.56	ng		97
27) C115	1,1,1-Trichloroethan	4.53	97	252744	131.90	ng		98
28) C120	Carbon tetrachloride	4.66	117	202770	135.66	ng		94
29) C116	1,1-Dichloropropene	4.65	75	261312	131.45	ng		96
32) C165	Benzene	4.80	78	870841	128.49	ng		99
33) C065	1,2-Dichloroethane	4.80	62	219369	124.00	ng		86
34) C110	2-Butanone	4.15	43	467086	605.95	ng		92
35) C256	Cyclohexane	4.58	56	414589	129.16	ng	#	84
36) C150	Trichloroethene	5.29	95	198246	127.02	ng		98
37) C140	1,2-Dichloropropane	5.44	63	214113	128.47	ng		94
38) C278	Dibromomethane	5.53	93	101155	124.75	ng	#	80

Quantitation Report STL Buffalo (Not Reviewed)

Data File : D:\DATA\122705\S9652.D Vial: 2
Acq On : 27 Dec 2005 10:13 Operator: LH
Sample : VSTD025 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 27 11:08:29 2005 Results File: A5I0002442_E2.RES

Quant Method : C:\MSDCHEM\1...\A5I0002442_E2.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Fri Dec 23 13:06:43 2005
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\DATA\122305\S9627.D (23 Dec 2005 10:53)

Internal Standards			R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
39)	C130	Bromodichloromethane	5.64	83	216935	132.65	ng		97
40)	C161	2-Chloroethylvinyl E	5.87	63	610292	660.10	ng		96
41)	C012	Methylcycolhexane	5.44	83	391854	132.22	ng		94
42)	C145	cis-1,3-Dichloroprop	5.98	75	289360	130.07	ng		82
45)	C230	Toluene	6.24	92	547800	124.11	ng		94
46)	C170	trans-1,3-Dichloropr	6.39	75	248213	132.05	ng		94
47)	C284	Ethyl Methacrylate	6.46	69	234779	123.39	ng	#	68
48)	C160	1,1,2-Trichloroethan	6.53	83	138990	124.77	ng		98
49)	C210	4-Methyl-2-pentanone	6.09	43	976003	612.32	ng		98
50)	C220	Tetrachloroethene	6.67	166	166962	119.76	ng		88
51)	C221	1,3-Dichloropropane	6.66	76	290942	124.39	ng		84
52)	C155	Dibromochloromethane	6.84	129	147820	131.25	ng		91
53)	C163	1,2-Dibromoethane	6.93	107	160697	123.32	ng		97
54)	C215	2-Hexanone	6.72	43	667024	606.33	ng		96
55)	C235	Chlorobenzene	7.32	112	554195	120.95	ng		99
56)	C281	1,1,1,2-Tetrachloroe	7.38	131	163792	128.63	ng		95
57)	C240	Ethylbenzene	7.41	91	1011692	125.03	ng		99
58)	C246	m,p-Xylene	7.50	106	781427	256.40	ng		99
59)	C247	o-Xylene	7.81	106	365478	125.64	ng		94
60)	C245	Styrene	7.82	104	580722	127.71	ng		95
63)	C180	Bromoform	7.96	173	70464	121.98	ng		97
64)	C966	Isopropylbenzene	8.11	105	965682	123.36	ng		98
65)	C301	Bromobenzene	8.35	156	187214	117.11	ng	#	85
66)	C225	1,1,2,2-Tetrachloroe	8.33	83	209028	119.61	ng		97
67)	C282	1,2,3-Trichloropropa	8.36	110	57973	122.50	ng		100
68)	C283	t-1,4-Dichloro-2-But	8.37	53	333048	606.16	ng		91
69)	C302	n-Propylbenzene	8.43	91	1182635	124.24	ng		96
70)	C303	2-Chlorotoluene	8.51	126	221640	121.30	ng		100
71)	C289	4-Chlorotoluene	8.59	126	218651	120.28	ng		100
72)	C304	1,3,5-Trimethylbenze	8.58	105	754851	126.64	ng		99
73)	C306	tert-Butylbenzene	8.85	134	160713	126.02	ng		100
74)	C307	1,2,4-Trimethylbenze	8.88	105	742767	126.65	ng		100
75)	C308	sec-Butylbenzene	9.02	105	962212	125.88	ng		94
76)	C260	1,3-Dichlorobenzene	9.12	146	381848	120.13	ng		96
77)	C309	4-Isopropyltoluene	9.15	119	777231	127.67	ng		98
78)	C267	1,4-Dichlorobenzene	9.19	146	375772	117.20	ng		97
79)	C249	1,2-Dichlorobenzene	9.49	146	361280	123.53	ng		98
80)	C310	n-Butylbenzene	9.48	91	704916	125.51	ng		100
81)	C286	1,2-Dibromo-3-Chloro	10.12	75	27505	126.22	ng		84
82)	C313	1,2,4-Trichlorobenze	10.83	180	166334	113.34	ng		96
83)	C316	Hexachlorobutadiene	10.97	225	51851	82.22	ng		98
84)	C314	Naphthalene	11.02	128	507777	127.00	ng		100
85)	C934	1,2,3-Trichlorobenze	11.21	180	146158	109.45	ng		95

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

METHOD 8260 - AQUEOUS (30% RSD/ 20% D)
CONTINUING CALIBRATION CHECK

Lab Name: STL Buffalo Contract: 4 Lab Samp ID: A5C0006632-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: _____

Lab File Id: S9691.RR Calibration Date: 12/28/2005 Time: 08:52

Intrument ID: HP5973S Init. Calib. Date(s): 12/22/2005 12/22/2005

Heated Purge (Y/N): N Init. Calib. Times: 15:56 17:33

GC Column: DB-624 ID: 0.18(mm)

COMPOUND	AVG RRF	RRF25	MIN RRF	% D	MAX % D
Chloromethane	0.5550	0.6032	0.1000	-8.700	100.00
Bromomethane	0.0690	0.0560	0.0100	18.800	100.00
Vinyl chloride	0.4190	0.4712	0.0100	-12.400	20.00
Chloroethane	0.0940	0.1636	0.0100	-74.000	100.00
Methylene chloride	0.5160	0.5243	0.0100	-1.600	100.00
Acetone	0.1340	0.1422	0.0100	-6.100	100.00
Carbon Disulfide	1.2390	1.2548	0.0100	-1.300	100.00
1,1-Dichloroethene	0.3890	0.4487	0.0100	-15.300	20.00
1,1-Dichloroethane	0.8090	0.9000	0.1000	-11.200	100.00
cis-1,2-Dichloroethene	0.4700	0.5445	0.0100	-15.800	100.00
trans-1,2-Dichloroethene	0.4410	0.5131	0.0100	-16.300	100.00
Chloroform	0.6960	0.7998	0.0100	-14.900	20.00
1,2-Dichloroethane	0.5010	0.5514	0.0100	-10.000	100.00
2-Butanone	0.2180	0.2362	0.0100	-8.300	100.00
1,1,1-Trichloroethane	0.5430	0.6303	0.0100	-16.100	100.00
Carbon Tetrachloride	0.4240	0.5087	0.0100	-20.000	100.00
Bromodichloromethane	0.4640	0.5401	0.0100	-16.400	100.00
1,2-Dichloropropane	0.4720	0.5493	0.0100	-16.400	20.00
cis-1,3-Dichloropropene	0.6310	0.7250	0.0100	-14.900	100.00
Trichloroethene	0.4420	0.5141	0.0100	-16.300	100.00
Dibromochloromethane	0.2340	0.2649	0.0100	-13.200	100.00
1,1,2-Trichloroethane	0.2320	0.2531	0.0100	-9.100	100.00
Benzene	1.9210	2.2487	0.0100	-17.000	100.00
trans-1,3-Dichloropropene	0.3910	0.4260	0.0100	-9.000	100.00
Bromoform	0.2430	0.2353	0.1000	3.200	100.00
4-Methyl-2-pentanone	0.3320	0.3433	0.0100	-3.400	100.00
2-Hexanone	0.2290	0.2376	0.0100	-3.800	100.00
Tetrachloroethene	0.2900	0.3042	0.0100	-4.900	100.00
1,1,2,2-Tetrachloroethane	0.7340	0.7388	0.3000	-0.700	100.00
Toluene	0.9190	0.9991	0.0100	-8.700	20.00
Chlorobenzene	0.9540	1.0228	0.3000	-7.200	100.00
Ethylbenzene	1.6840	1.8428	0.0100	-9.400	20.00
Styrene	0.9470	1.0538	0.0100	-11.300	100.00
Total Xylenes	0.6140	0.6644	0.0100	-8.200	100.00
1,1,2-Trichloro-1,2,2-trifluoro	0.3800	0.3990	0.0100	-5.000	100.00
1,2,4-Trichlorobenzene	0.6170	0.5661	0.0100	8.200	100.00
1,2-Dibromo-3-chloropropane	0.0920	0.0920	0.0100	0.000	100.00
1,2-Dibromoethane	0.2710	0.2812	0.0100	-3.800	100.00
1,2-Dichlorobenzene	1.2290	1.2542	0.0100	-2.000	100.00

METHOD 8260 - AQUEOUS (30% RSD/ 20% D)
CONTINUING CALIBRATION CHECK

Lab Name: STL Buffalo Contract: 4 Lab Samp ID: A5C0006632-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: _____

Lab File Id: S9691.RR Calibration Date: 12/28/2005 Time: 08:52

Intrument ID: HP5973S Init. Calib. Date(s): 12/22/2005 12/22/2005

Heated Purge (Y/N): N Init. Calib. Times: 15:56 17:33

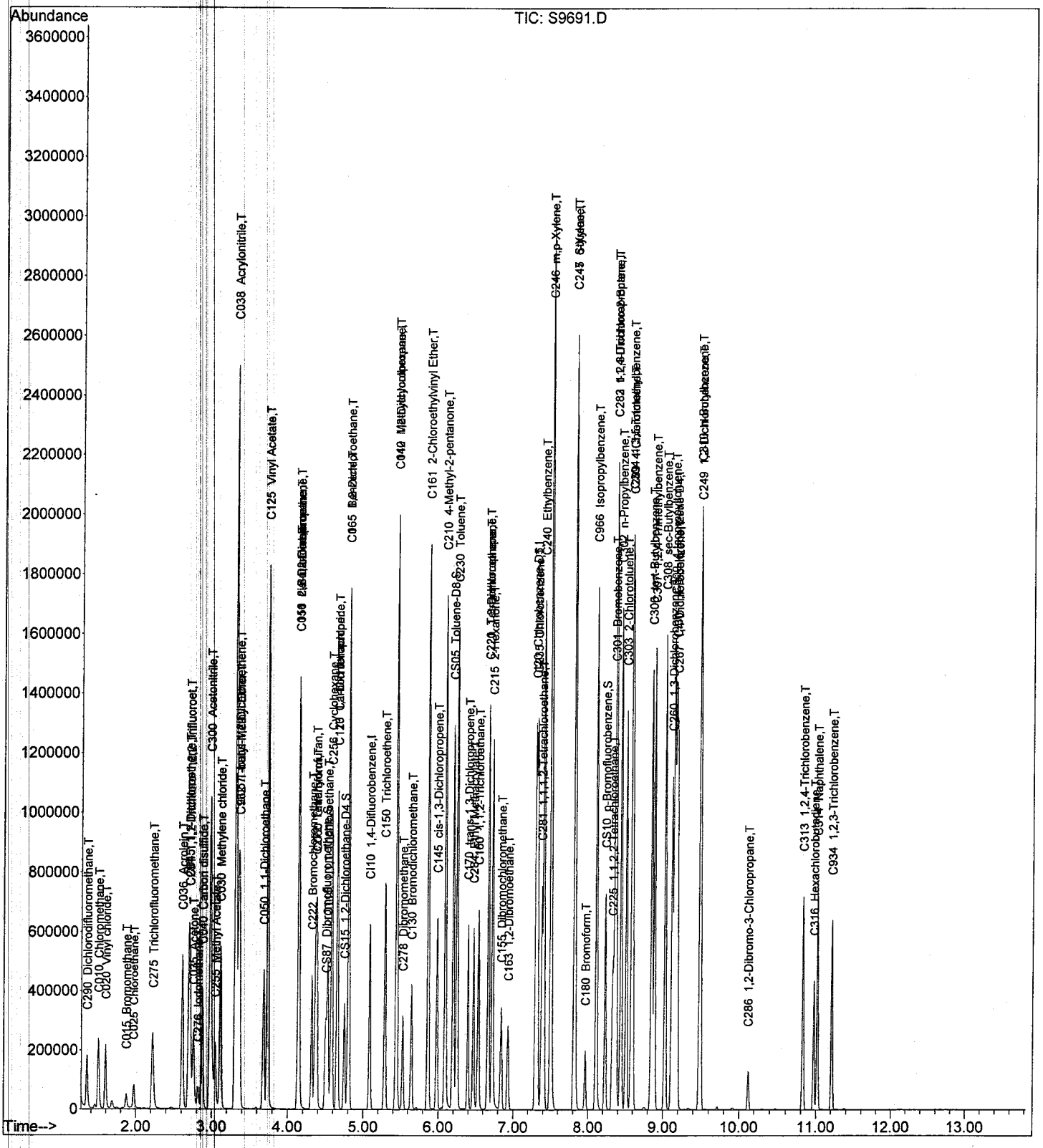
GC Column: DB-624 ID: 0.18(mm)

COMPOUND	AVG RRF	RRF25	MIN RRF	% D	MAX % D
1,3-Dichlorobenzene	1.3360	1.3231	0.0100	1.000	100.00
1,4-Dichlorobenzene	1.3470	1.3278	0.0100	1.400	100.00
Cyclohexane	0.9100	0.9675	0.0100	-6.300	100.00
Dichlorodifluoromethane	0.3800	0.3776	0.0100	0.600	100.00
Methyl acetate	0.5750	0.5344	0.0100	7.100	100.00
Naphthalene	1.6800	1.7088	0.0100	-1.700	100.00
Trichlorofluoromethane	0.4520	0.5456	0.0100	-20.700	100.00
Methyl-t-Butyl Ether (MTBE)	1.0200	1.0808	0.0100	-6.000	100.00
Isopropylbenzene	3.2900	3.3752	0.0100	-2.600	100.00
Methylcyclohexane	0.8400	0.9466	0.0100	-12.700	100.00
Toluene-D8	1.2380	1.2118	0.0100	2.100	100.00
p-Bromofluorobenzene	0.2810	0.2620	0.0100	6.800	100.00
1,2-Dichloroethane-D4	0.3850	0.3927	0.0100	-2.000	100.00

Quantitation Report STL Buffalo (Not Reviewed)

Data File : D:\DATA\122805\S9691.D Vial: 2
Acq On : 28 Dec 2005 8:52 Operator: LH
Sample : VSTD025 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Dec 28 09:44:53 2005 Results File: A5I0002442_E2.RES
Quant Method : C:\MSDCHEM\1...\A5I0002442_E2.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Tue Dec 27 11:08:38 2005
Response via : Initial Calibration
DataAcq Meth : VOA



Data File : D:\DATA\122805\S9691.D Vial: 2
Acq On : 28 Dec 2005 8:52 Operator: LH
Sample : VSTD025 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 28 09:44:53 2005 Results File: A5I0002442_E2.RES

Quant Method : C:\MSDCHEM\1...\A5I0002442_E2.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Tue Dec 27 11:08:38 2005
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\DATA\122705\S9652.D (27 Dec 2005 10:13)

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI10 1,4-Difluorobenzene	5.09	114	392221	125.00	ng		0.00 88.93%
43) CI20 Chlorobenzene-D5	7.30	117	557609	125.00	ng		0.00 92.86%
62) CI30 1,4-Dichlorobenzene-	9.16	152	290663	125.00	ng		0.00 97.72%
System Monitoring Compounds							
30) CS87 Dibromofluoromethane	4.50	111	148118	133.80	ng		0.00
Spiked Amount 125.000	Range 70 - 130		Recovery = 107.04%				
31) CS15 1,2-Dichloroethane-D	4.75	65	154006	127.47	ng		0.00
Spiked Amount 125.000	Range 73 - 136		Recovery = 101.98%				
44) CS05 Toluene-D8	6.19	98	675706	122.33	ng		0.00
Spiked Amount 125.000	Range 77 - 122		Recovery = 97.86%				
61) CS10 p-Bromofluorobenzene	8.23	174	146072	116.46	ng		0.00
Spiked Amount 125.000	Range 74 - 120		Recovery = 93.17%				
Target Compounds							Qvalue
2) C290 Dichlorodifluorometh	1.35	85	148091	124.30	ng		98
3) C010 Chloromethane	1.50	50	236604	135.90	ng		96
4) C020 Vinyl chloride	1.60	62	184795	140.60	ng		100
5) C015 Bromomethane	1.87	94	21971	101.87	ng		86
6) C025 Chloroethane	1.97	64	64165	217.22	ng		99
7) C275 Trichlorofluorometha	2.22	101	214004	150.91	ng		98
8) C045 1,1-Dichloroethene	2.69	96	175991	144.12	ng		93
9) C030 Methylene chloride	3.11	84	205655	126.93	ng		87
10) C040 Carbon disulfide	2.87	76	492160	126.62	ng		99
11) C036 Acrolein	2.61	56	403966	2660.51	ng		96
12) C038 Acrylonitrile	3.31	53	1597965	2753.95	ng		98
13) C035 Acetone	2.75	43	278900	662.53	ng		90
14) C300 Acetonitrile	2.98	41	1224224	5332.31	ng		99
15) C276 Iodomethane	2.81	142	82484	110.80	ng		88
16) C291 1,1,2 Trichloro-1,2,	2.71	101	156492	131.28	ng		89
17) C962 T-butyl Methyl Ether	3.37	73	423930	132.41	ng	#	88
18) C057 trans-1,2-Dichloroet	3.35	96	201251	145.52	ng		98
19) C255 Methyl Acetate	3.04	43	209619	116.14	ng	#	90
20) C050 1,1-Dichloroethane	3.68	63	353014	139.10	ng		98
21) C125 Vinyl Acetate	3.73	43	2018678	740.79	ng		95
22) C051 2,2-Dichloropropane	4.14	77	220843	149.08	ng		90
23) C056 cis-1,2-Dichloroethe	4.14	96	213561	144.67	ng		96
24) C272 Tetrahydrofuran	4.36	42	304296	669.10	ng	#	1
25) C222 Bromochloromethane	4.32	128	89749	141.53	ng	#	84
26) C060 Chloroform	4.38	83	313685	143.68	ng		95
27) C115 1,1,1-Trichloroethan	4.53	97	247233	145.08	ng		97
28) C120 Carbon tetrachloride	4.66	117	199525	150.09	ng		96
29) C116 1,1-Dichloropropene	4.65	75	258634	146.29	ng		96
32) C165 Benzene	4.80	78	881998	146.32	ng		99
33) C065 1,2-Dichloroethane	4.80	62	216268	137.46	ng		85
34) C110 2-Butanone	4.15	43	463189	675.66	ng		93
35) C256 Cyclohexane	4.58	56	379468	132.93	ng	#	83
36) C150 Trichloroethene	5.28	95	201636	145.27	ng		92
37) C140 1,2-Dichloropropane	5.44	63	215458	145.36	ng		94
38) C278 Dibromomethane	5.53	93	103014	142.85	ng	#	80

Quantitation Report STL Buffalo (Not Reviewed)

Data File : D:\DATA\122805\S9691.D Vial: 2
Acq On : 28 Dec 2005 8:52 Operator: LH
Sample : VSTD025 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 28 09:44:53 2005 Results File: A5I0002442_E2.RES

Quant Method : C:\MSDCHEM\1...\A5I0002442_E2.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Tue Dec 27 11:08:38 2005
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\DATA\122705\S9652.D (27 Dec 2005 10:13)

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
39) C130	Bromodichloromethane	5.64	83	211858	145.66	ng		95
40) C161	2-Chloroethylvinyl E	5.87	63	598113	727.43	ng		97
41) C012	Methylcycolhexane	5.44	83	371294	140.88	ng		95
42) C145	cis-1,3-Dichloroprop	5.98	75	284348	143.72	ng		83
45) C230	Toluene	6.24	92	557126	135.93	ng		96
46) C170	trans-1,3-Dichloropr	6.39	75	237527	136.08	ng		93
47) C284	Ethyl Methacrylate	6.46	69	228180	129.15	ng	#	69
48) C160	1,1,2-Trichloroethan	6.53	83	141157	136.46	ng		99
49) C210	4-Methyl-2-pentanone	6.09	43	957096	646.64	ng		98
50) C220	Tetrachloroethene	6.66	166	169647	131.04	ng		86
51) C221	1,3-Dichloropropane	6.66	76	288189	132.69	ng		85
52) C155	Dibromochloromethane	6.84	129	147696	141.23	ng		94
53) C163	1,2-Dibromoethane	6.93	107	156817	129.60	ng		99
54) C215	2-Hexanone	6.72	43	662330	648.38	ng		97
55) C235	Chlorobenzene	7.32	112	570348	134.04	ng		99
56) C281	1,1,1,2-Tetrachloroe	7.38	131	160434	135.68	ng		96
57) C240	Ethylbenzene	7.41	91	1027574	136.76	ng		100
58) C246	m,p-Xylene	7.50	106	796053	281.29	ng		100
59) C247	o-Xylene	7.81	106	370471	137.15	ng		92
60) C245	Styrene	7.82	104	587581	139.16	ng		94
63) C180	Bromoform	7.96	173	68384	121.14	ng		95
64) C966	Isopropylbenzene	8.11	105	981056	128.26	ng		99
65) C301	Bromobenzene	8.35	156	192190	123.04	ng	#	83
66) C225	1,1,2,2-Tetrachloroe	8.33	83	214744	125.75	ng		99
67) C282	1,2,3-Trichloropropa	8.36	110	59503	128.68	ng		100
68) C283	t-1,4-Dichloro-2-But	8.37	53	331218	616.92	ng		93
69) C302	n-Propylbenzene	8.43	91	1184014	127.29	ng		98
70) C303	2-Chlorotoluene	8.51	126	222293	124.50	ng		100
71) C289	4-Chlorotoluene	8.59	126	225392	126.89	ng		100
72) C304	1,3,5-Trimethylbenze	8.58	105	754057	129.46	ng		100
73) C306	tert-Butylbenzene	8.85	134	164546	132.04	ng		100
74) C307	1,2,4-Trimethylbenze	8.89	105	736674	128.55	ng		98
75) C308	sec-Butylbenzene	9.03	105	957173	128.15	ng		96
76) C260	1,3-Dichlorobenzene	9.12	146	384570	123.81	ng		97
77) C309	4-Isopropyltoluene	9.14	119	774101	130.13	ng		99
78) C267	1,4-Dichlorobenzene	9.19	146	385947	123.19	ng		97
79) C249	1,2-Dichlorobenzene	9.49	146	364558	127.56	ng		97
80) C310	n-Butylbenzene	9.48	91	705677	128.58	ng		97
81) C286	1,2-Dibromo-3-Chloro	10.12	75	26737	125.57	ng	#	83
82) C313	1,2,4-Trichlorobenze	10.83	180	164558	114.75	ng		97
83) C316	Hexachlorobutadiene	10.97	225	49781	80.78	ng		96
84) C314	Naphthalene	11.02	128	496681	127.13	ng		100
85) C934	1,2,3-Trichlorobenze	11.22	180	146445	112.23	ng		100

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

METHOD 8260 - AQUEOUS (30% RSD/ 20% D)
CONTINUING CALIBRATION CHECK

Lab Name: STL Buffalo Contract: 4 Lab Samp ID: A5C0006643-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: _____

Lab File Id: S9718.RR Calibration Date: 12/28/2005 Time: 19:47

Intrument ID: HP5973S Init. Calib. Date(s): 12/22/2005 12/22/2005

Heated Purge (Y/N): N Init. Calib. Times: 15:56 17:33

GC Column: DB-624 ID: 0.18(mm)

COMPOUND	AVG RRF	RRF25	MIN RRF	% D	MAX % D
Chloromethane	0.5550	0.5629	0.1000	-1.400	100.00
Bromomethane	0.0690	0.0411	0.0100	40.400	100.00
Vinyl chloride	0.4190	0.4470	0.0100	-6.700	20.00
Chloroethane	0.0940	0.0948	0.0100	-0.900	100.00
Methylene chloride	0.5160	0.4908	0.0100	4.900	100.00
Acetone	0.1340	0.1411	0.0100	-5.300	100.00
Carbon Disulfide	1.2390	1.1703	0.0100	5.500	100.00
1,1-Dichloroethene	0.3890	0.4264	0.0100	-9.600	20.00
1,1-Dichloroethane	0.8090	0.8643	0.1000	-6.800	100.00
cis-1,2-Dichloroethene	0.4700	0.5074	0.0100	-8.000	100.00
trans-1,2-Dichloroethene	0.4410	0.4871	0.0100	-10.400	100.00
Chloroform	0.6960	0.7584	0.0100	-9.000	20.00
1,2-Dichloroethane	0.5010	0.5186	0.0100	-3.500	100.00
2-Butanone	0.2180	0.2385	0.0100	-9.400	100.00
1,1,1-Trichloroethane	0.5430	0.5854	0.0100	-7.800	100.00
Carbon Tetrachloride	0.4240	0.4657	0.0100	-9.800	100.00
Bromodichloromethane	0.4640	0.5045	0.0100	-8.700	100.00
1,2-Dichloropropane	0.4720	0.5171	0.0100	-9.600	20.00
cis-1,3-Dichloropropene	0.6310	0.6709	0.0100	-6.300	100.00
Trichloroethene	0.4420	0.4716	0.0100	-6.700	100.00
Dibromochloromethane	0.2340	0.2435	0.0100	-4.000	100.00
1,1,2-Trichloroethane	0.2320	0.2402	0.0100	-3.500	100.00
Benzene	1.9210	2.1437	0.0100	-11.600	100.00
trans-1,3-Dichloropropene	0.3910	0.3888	0.0100	0.600	100.00
Bromoform	0.2430	0.2205	0.1000	9.200	100.00
4-Methyl-2-pentanone	0.3320	0.3329	0.0100	-0.300	100.00
2-Hexanone	0.2290	0.2312	0.0100	-1.000	100.00
Tetrachloroethene	0.2900	0.2818	0.0100	2.800	100.00
1,1,2,2-Tetrachloroethane	0.7340	0.6945	0.3000	5.400	100.00
Toluene	0.9190	0.9293	0.0100	-1.100	20.00
Chlorobenzene	0.9540	0.9517	0.3000	0.200	100.00
Ethylbenzene	1.6840	1.7294	0.0100	-2.700	20.00
Styrene	0.9470	0.9955	0.0100	-5.100	100.00
Total Xylenes	0.6140	0.6374	0.0100	-3.800	100.00
1,1,2-Trichloro-1,2,2-trifluoro	0.3800	0.3890	0.0100	-2.400	100.00
1,2,4-Trichlorobenzene	0.6170	0.5260	0.0100	14.700	100.00
1,2-Dibromo-3-chloropropane	0.0920	0.0862	0.0100	6.300	100.00
1,2-Dibromoethane	0.2710	0.2681	0.0100	1.100	100.00
1,2-Dichlorobenzene	1.2290	1.1912	0.0100	3.100	100.00

METHOD 8260 - AQUEOUS (30% RSD/ 20% D)
CONTINUING CALIBRATION CHECK

Lab Name: STL Buffalo Contract: 4 Lab Samp ID: A5C0006643-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: _____

Lab File Id: S9718.RR Calibration Date: 12/28/2005 Time: 19:47

Intrument ID: HP5973S Init. Calib. Date(s): 12/22/2005 12/22/2005

Heated Purge (Y/N): N Init. Calib. Times: 15:56 17:33

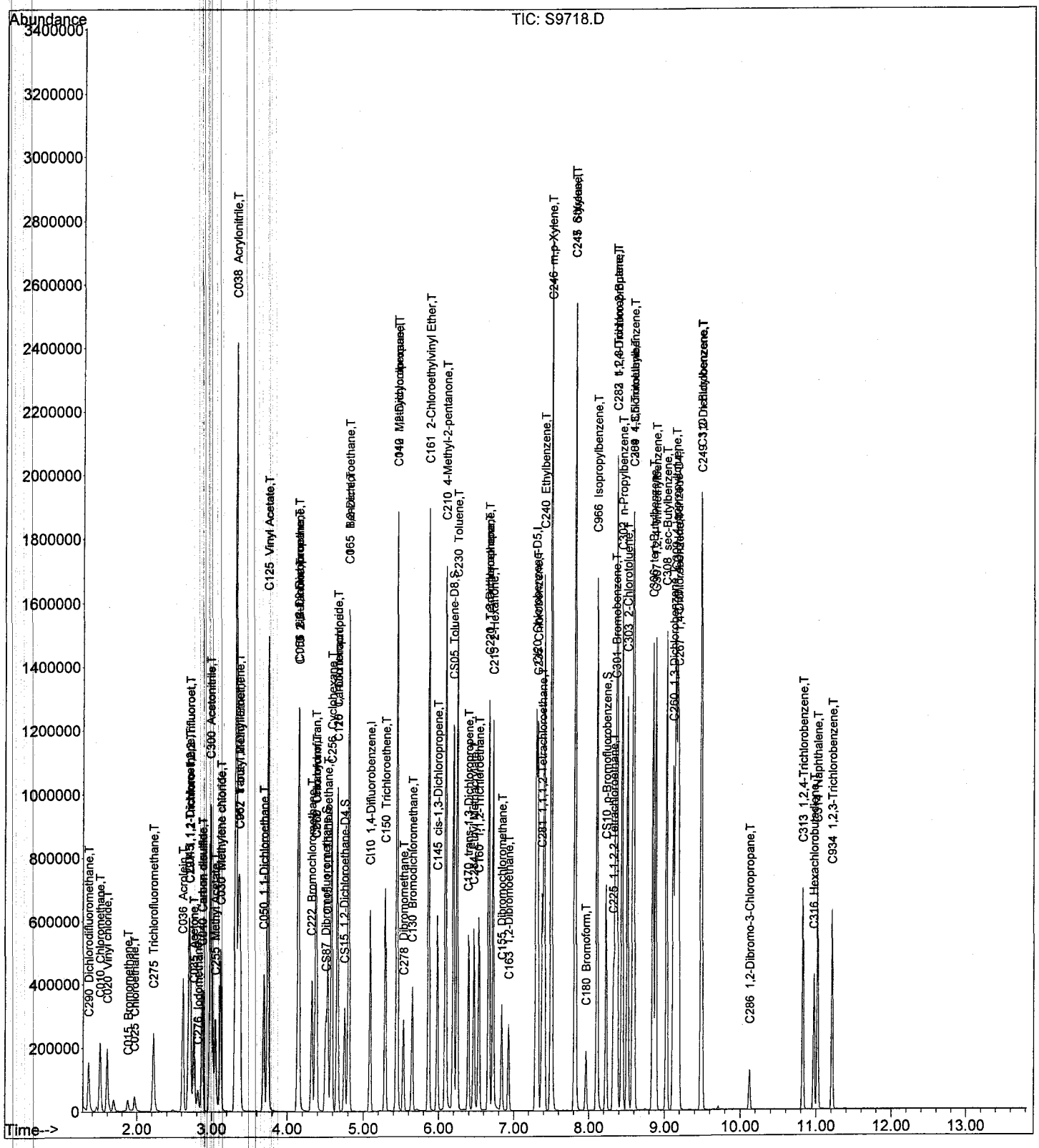
GC Column: DB-624 ID: 0.18(mm)

COMPOUND	AVG RRF	RRF25	MIN RRF	% D	MAX % D
1,3-Dichlorobenzene	1.3360	1.2571	0.0100	5.900	100.00
1,4-Dichlorobenzene	1.3470	1.2595	0.0100	6.500	100.00
Cyclohexane	0.9100	0.9370	0.0100	-3.000	100.00
Dichlorodifluoromethane	0.3800	0.3618	0.0100	4.800	100.00
Methyl acetate	0.5750	0.7111	0.0100	-23.700	100.00
Naphthalene	1.6800	1.6340	0.0100	2.700	100.00
Trichlorofluoromethane	0.4520	0.5192	0.0100	-14.900	100.00
Methyl-t-Butyl Ether (MTBE)	1.0200	1.0429	0.0100	-2.200	100.00
Isopropylbenzene	3.2900	3.1555	0.0100	4.100	100.00
Methylcyclohexane	0.8400	0.9180	0.0100	-9.300	100.00
Toluene-D8	1.2380	1.1476	0.0100	7.300	100.00
p-Bromofluorobenzene	0.2810	0.2558	0.0100	9.000	100.00
1,2-Dichloroethane-D4	0.3850	0.3830	0.0100	0.500	100.00

Quantitation Report STL Buffalo (QT Reviewed)

Data File : D:\DATA\122805\S9718.D Vial: 2
Acq On : 28 Dec 2005 19:47 Operator: TLC
Sample : VSTD025 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Dec 28 20:04:04 2005 Results File: A5I0002442_E2.RES
Quant Method : C:\MSDCHEM\1...\A5I0002442_E2.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Dec 28 09:45:03 2005
Response via : Initial Calibration
DataAcq Meth : VOA



Quantitation Report STL Buffalo (QT Reviewed)

Data File : D:\DATA\122805\S9718.D Vial: 2
Acq On : 28 Dec 2005 19:47 Operator: TLC
Sample : VSTD025 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 28 20:04:04 2005 Results File: A5I0002442_E2.RES

Quant Method : C:\MSDCHEM\1...\A5I0002442_E2.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Dec 28 09:45:03 2005
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\DATA\122805\S9691.D (28 Dec 2005 8:52)

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.09	114	387682	125.00	ng		0.00 98.84%
43) CI20	Chlorobenzene-D5	7.30	117	557852	125.00	ng		0.00 100.04%
62) CI30	1,4-Dichlorobenzene-	9.16	152	295373	125.00	ng		0.00 101.62%
System Monitoring Compounds								
30) CS87	Dibromofluoromethane	4.50	111	139929	127.88	ng		0.00
Spiked Amount	125.000	Range	70 - 130	Recovery	=	102.30%		
31) CS15	1,2-Dichloroethane-D	4.75	65	148499	124.35	ng		0.00
Spiked Amount	125.000	Range	73 - 136	Recovery	=	99.48%		
44) CS05	Toluene-D8	6.20	98	640211	115.85	ng		0.00
Spiked Amount	125.000	Range	77 - 122	Recovery	=	92.68%		
61) CS10	p-Bromofluorobenzene	8.23	174	142715	113.73	ng		0.00
Spiked Amount	125.000	Range	74 - 120	Recovery	=	90.98%		
Target Compounds								Qvalue
2) C290	Dichlorodifluorometh	1.35	85	140250	119.09	ng		100
3) C010	Chloromethane	1.50	50	218245	126.82	ng		98
4) C020	Vinyl chloride	1.60	62	173301	133.40	ng		98
5) C015	Bromomethane	1.87	94	15932	74.73	ng		95
6) C025	Chloroethane	1.97	64	36771	125.94	ng		95
7) C275	Trichlorofluorometha	2.22	101	201279	143.60	ng		98
8) C045	1,1-Dichloroethene	2.69	96	165310	136.96	ng		93
9) C030	Methylene chloride	3.12	84	190268	118.81	ng		92
10) C040	Carbon disulfide	2.87	76	453690	118.09	ng		99
11) C036	Acrolein	2.61	56	327407	2181.54	ng		97
12) C038	Acrylonitrile	3.31	53	1555377	2711.94	ng		99
13) C035	Acetone	2.76	43	273515	657.35	ng		89
14) C300	Acetonitrile	2.98	41	1210540	5334.44	ng		99
15) C276	Iodomethane	2.81	142	71738	97.49	ng		87
16) C291	1,1,2 Trichloro-1,2,	2.71	101	150792	127.98	ng		91
17) C962	T-butyl Methyl Ether	3.37	73	404326	127.77	ng	#	87
18) C057	trans-1,2-Dichloroet	3.35	96	188842	138.15	ng		95
19) C255	Methyl Acetate	3.05	43	275663	154.53	ng		91
20) C050	1,1-Dichloroethane	3.68	63	335077	133.58	ng		97
21) C125	Vinyl Acetate	3.74	43	1622930	602.53	ng		96
22) C051	2,2-Dichloropropane	4.14	77	193870	132.40	ng		89
23) C056	cis-1,2-Dichloroethe	4.14	96	196718	134.82	ng		99
24) C272	Tetrahydrofuran	4.36	42	301827	671.44	ng	#	1
25) C222	Bromochloromethane	4.32	128	83127	132.62	ng		94
26) C060	Chloroform	4.38	83	294009	136.25	ng		96
27) C115	1,1,1-Trichloroethan	4.53	97	226963	134.74	ng		95
28) C120	Carbon tetrachloride	4.66	117	180526	137.39	ng		95
29) C116	1,1-Dichloropropene	4.65	75	236586	135.38	ng		96
32) C165	Benzene	4.80	78	831089	139.49	ng		99
33) C065	1,2-Dichloroethane	4.81	62	201046	129.28	ng		85
34) C110	2-Butanone	4.15	43	462375	682.37	ng		93
35) C256	Cyclohexane	4.58	56	363253	128.74	ng	#	83
36) C150	Trichloroethene	5.29	95	182832	133.26	ng		96
37) C140	1,2-Dichloropropane	5.44	63	200465	136.83	ng		93
38) C278	Dibromomethane	5.53	93	95929	134.58	ng	#	79

Quantitation Report STL Buffalo (QT Reviewed)

Data File : D:\DATA\122805\S9718.D Vial: 2
Acq On : 28 Dec 2005 19:47 Operator: TLC
Sample : VSTD025 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 28 20:04:04 2005 Results File: A5I0002442_E2.RES

Quant Method : C:\MSDCHEM\1...\A5I0002442_E2.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Dec 28 09:45:03 2005
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\DATA\122805\S9691.D (28 Dec 2005 8:52)

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
39) C130	Bromodichloromethane	5.65	83	195567	136.03	ng		96
40) C161	2-Chloroethylvinyl E	5.87	63	566410	696.93	ng		97
41) C012	Methylcycolhexane	5.44	83	355882	136.61	ng		95
42) C145	cis-1,3-Dichloroprop	5.98	75	260112	133.01	ng		83
45) C230	Toluene	6.24	92	518396	126.43	ng		95
46) C170	trans-1,3-Dichloropr	6.39	75	216880	124.20	ng		94
47) C284	Ethyl Methacrylate	6.46	69	220699	124.86	ng	#	69
48) C160	1,1,2-Trichloroethan	6.53	83	133974	129.46	ng		99
49) C210	4-Methyl-2-pentanone	6.09	43	928446	627.01	ng		97
50) C220	Tetrachloroethene	6.67	166	157194	121.37	ng		88
51) C221	1,3-Dichloropropane	6.66	76	274996	126.56	ng		83
52) C155	Dibromochloromethane	6.84	129	135845	129.84	ng		93
53) C163	1,2-Dibromoethane	6.93	107	149552	123.54	ng		99
54) C215	2-Hexanone	6.72	43	645016	631.15	ng		95
55) C235	Chlorobenzene	7.32	112	530897	124.72	ng		98
56) C281	1,1,1,2-Tetrachloroe	7.38	131	152285	128.73	ng		95
57) C240	Ethylbenzene	7.41	91	964759	128.34	ng		100
58) C246	m,p-Xylene	7.50	106	754493	266.49	ng		99
59) C247	o-Xylene	7.81	106	355601	131.59	ng		91
60) C245	Styrene	7.82	104	555322	131.46	ng		95
63) C180	Bromoform	7.96	173	65116	113.51	ng		97
64) C966	Isopropylbenzene	8.11	105	932043	119.91	ng		98
65) C301	Bromobenzene	8.35	156	181627	114.42	ng	#	88
66) C225	1,1,2,2-Tetrachloroe	8.33	83	205139	118.21	ng		98
67) C282	1,2,3-Trichloropropa	8.36	110	56670	120.59	ng		100
68) C283	t-1,4-Dichloro-2-But	8.37	53	318780	584.28	ng		94
69) C302	n-Propylbenzene	8.44	91	1138239	120.42	ng		100
70) C303	2-Chlorotoluene	8.51	126	210713	116.13	ng		100
71) C289	4-Chlorotoluene	8.59	126	213477	118.27	ng		100
72) C304	1,3,5-Trimethylbenze	8.58	105	727575	122.92	ng		99
73) C306	tert-Butylbenzene	8.85	134	156782	123.80	ng		100
74) C307	1,2,4-Trimethylbenze	8.88	105	716027	122.96	ng		97
75) C308	sec-Butylbenzene	9.02	105	928929	122.38	ng		97
76) C260	1,3-Dichlorobenzene	9.12	146	371321	117.64	ng		97
77) C309	4-Isopropyltoluene	9.15	119	751424	124.30	ng		98
78) C267	1,4-Dichlorobenzene	9.19	146	372029	116.85	ng		97
79) C249	1,2-Dichlorobenzene	9.49	146	351861	121.16	ng		97
80) C310	n-Butylbenzene	9.48	91	678322	121.63	ng		99
81) C286	1,2-Dibromo-3-Chloro	10.13	75	25453	117.63	ng		93
82) C313	1,2,4-Trichlorobenze	10.83	180	155356	106.60	ng		99
83) C316	Hexachlorobutadiene	10.97	225	49685	79.34	ng		99
84) C314	Naphthalene	11.02	128	482653	121.57	ng		100
85) C934	1,2,3-Trichlorobenze	11.21	180	142624	107.56	ng		98

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

Raw QC Data

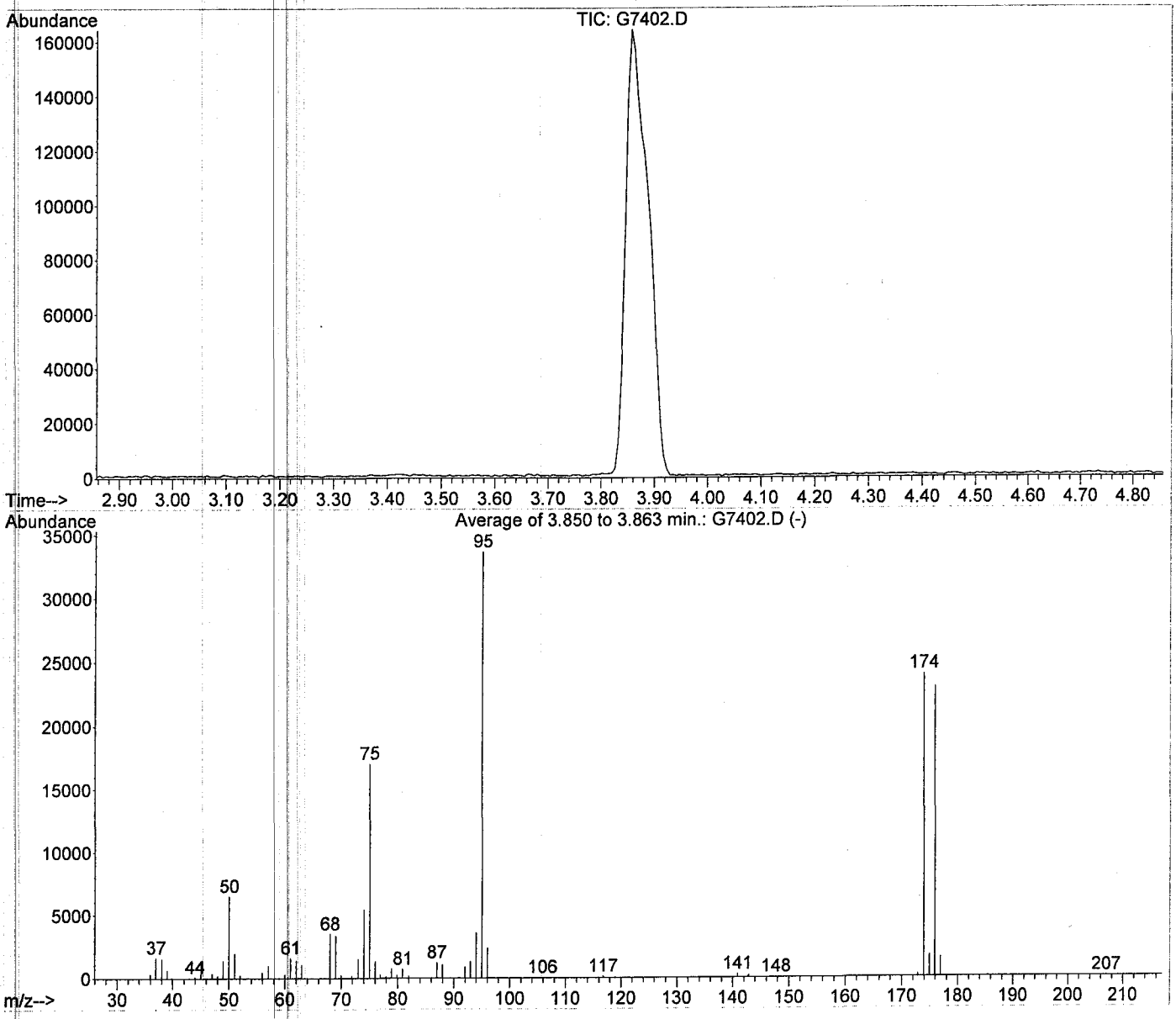
405/504

BFB Tune Evaluation

Data File : C:\MSDChem\1\DATA\122005\G7402.D
Acq On : 20 Dec 2005 9:53
Sample : 1220BFBG1
Misc :
MS Integration Params: RTEINT.P

Vial: 1
Operator: LH/TRB
Inst : HP5973G
Multiplr: 1.00

Method : C:\MSDCHEM\1\MET...LOW\A5I0002394.M (RTE Integrator)
Title : 8260 5ML WATER



Peak Apex is scan: 401 (3.86 min)
Average of 3 scans: 400,401,402 minus background scan 381 (3.73 min)

Target Mass	Rel. to Mass	Lower Limit,%	Upper Limit,%	Rel. Abn,%	Raw Abn	Result Pass/Fail
50	95	15	40	19.3	6483	PASS
75	95	30	60	50.7	17057	PASS
95	95	100	100	100.0	33674	PASS
96	95	5	9	7.1	2379	PASS
173	174	0	2	0.9	205	PASS
174	95	50	100	71.2	23978	PASS
175	174	5	9	7.2	1723	PASS
176	174	95	101	95.9	23000	PASS
177	176	5	9	6.8	1575	PASS

G7402.D A5I0002394.M Tue Dec 20 10:03:16 2005 HP5973G

Average of 3.850 to 3.863 min.: G7402.D
1220BFBG1
Modified:subtracted

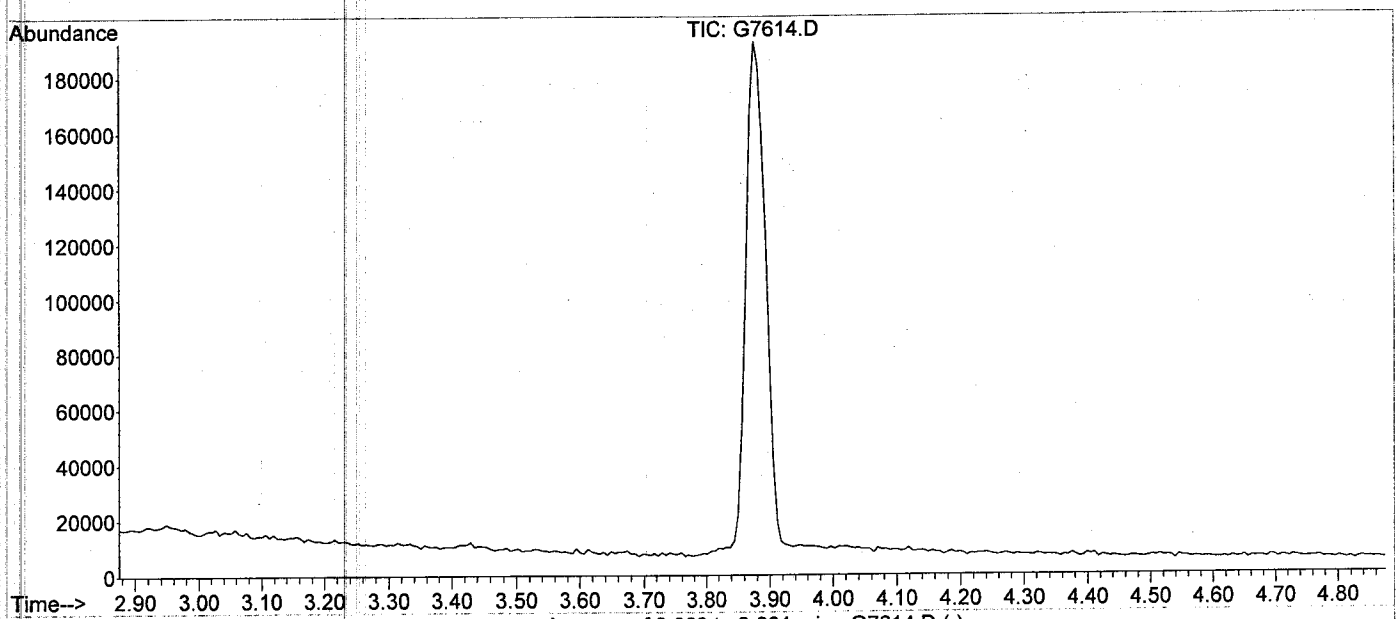
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
35.95	327	55.95	484	74.00	5459	94.00	3591
37.00	1650	57.00	1003	75.00	17057	95.00	33674
38.00	1536	60.00	304	76.00	1367	96.00	2379
39.00	643	61.00	1634	76.95	268	140.85	284
45.00	356	62.00	1437	78.90	739	142.90	209
47.00	376	62.95	1070	79.90	259	172.85	205
48.00	181	68.00	3530	80.90	753	173.90	23978
49.00	1427	69.00	3407	86.95	1239	174.90	1723
50.00	6483	69.95	270	87.95	1071	175.90	23000
51.00	1981	71.90	194	91.95	869	176.90	1575
52.05	245	73.00	1550	92.95	1325		

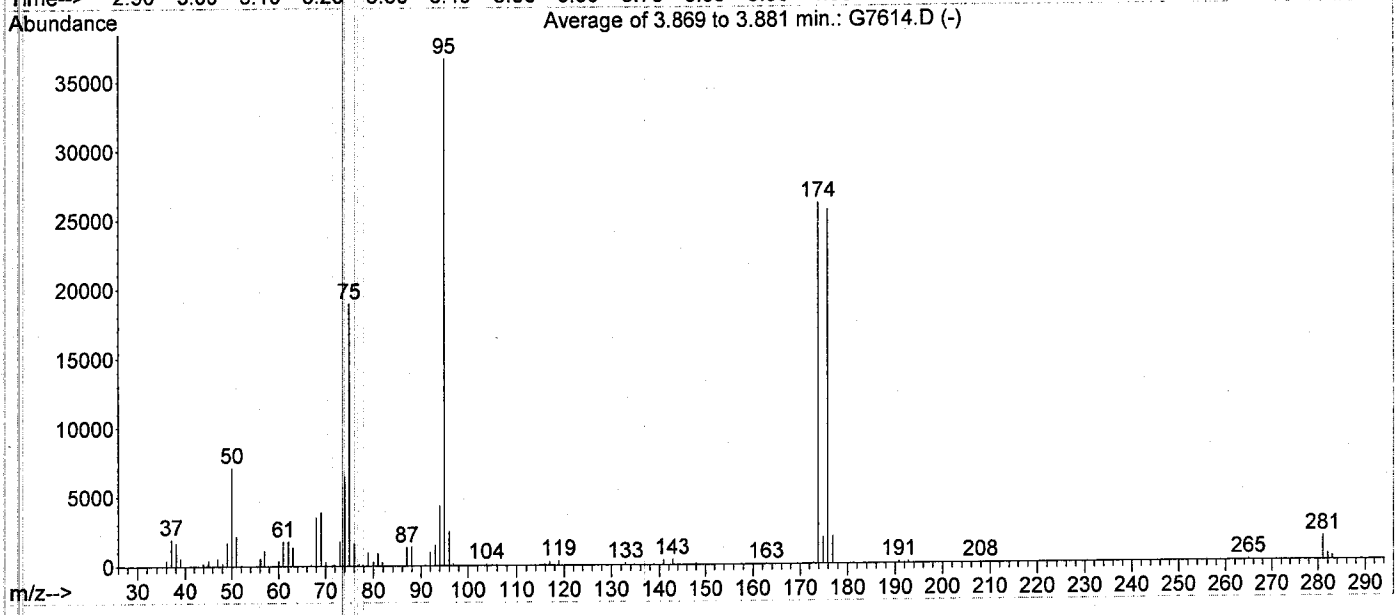
BFB Tune Evaluation

Data File : C:\MSDCHEM\1\DATA\122705\G7614.D
Acq On : 27 Dec 2005 20:20
Sample : 1227BFBG2
Misc :
MS Integration Params: RTEINT.P

Vial: 1
Operator: TLC
Inst : HP5973G
Multiplr: 1.00

Method : C:\MSDCHEM\1\MET...LOW\A5I0002430.M (RTE Integrator)
Title : 8260 5ML WATER





Peak Apex is scan: 404 (3.87 min)
Average of 3 scans: 403,404,405 minus background scan 384 (3.75 min)

Target Mass	Rel. to Mass	Lower Limit,%	Upper Limit,%	Rel. Abn,%	Raw Abn	Result Pass/Fail
50	95	15	40	19.5	7137	PASS
75	95	30	60	51.8	18970	PASS
95	95	100	100	100.0	36650	PASS
96	95	5	9	6.8	2484	PASS
173	174	0	2	0.4	110	PASS
174	95	50	100	71.2	26096	PASS
175	174	5	9	7.3	1909	PASS
176	174	95	101	98.1	25613	PASS
177	176	5	9	7.6	1955	PASS

Average of 3.869 to 3.881 min.: G7614.D
.227BFBG2
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.00	411	56.05	548	75.00	18970	95.00	36650
37.05	1936	56.95	1093	76.00	1611	96.00	2484
38.05	1681	60.00	390	78.90	970	116.90	269
39.00	587	61.00	1787	79.95	312	118.85	330
43.95	202	62.00	1782	80.90	919	140.85	363
45.00	404	63.00	1360	81.85	261	142.85	391
47.00	528	68.00	3517	86.95	1358	173.90	26096
48.05	200	69.00	3890	87.95	1380	174.90	1909
49.00	1679	70.05	275	91.95	985	175.90	25613
50.00	7137	73.00	1769	93.00	1501	176.90	1955
51.00	2163	74.00	6485	94.00	4308	281.00	1725

Average of 3.869 to 3.881 min.: G7614.D
.227BFBG2
Modified:subtracted

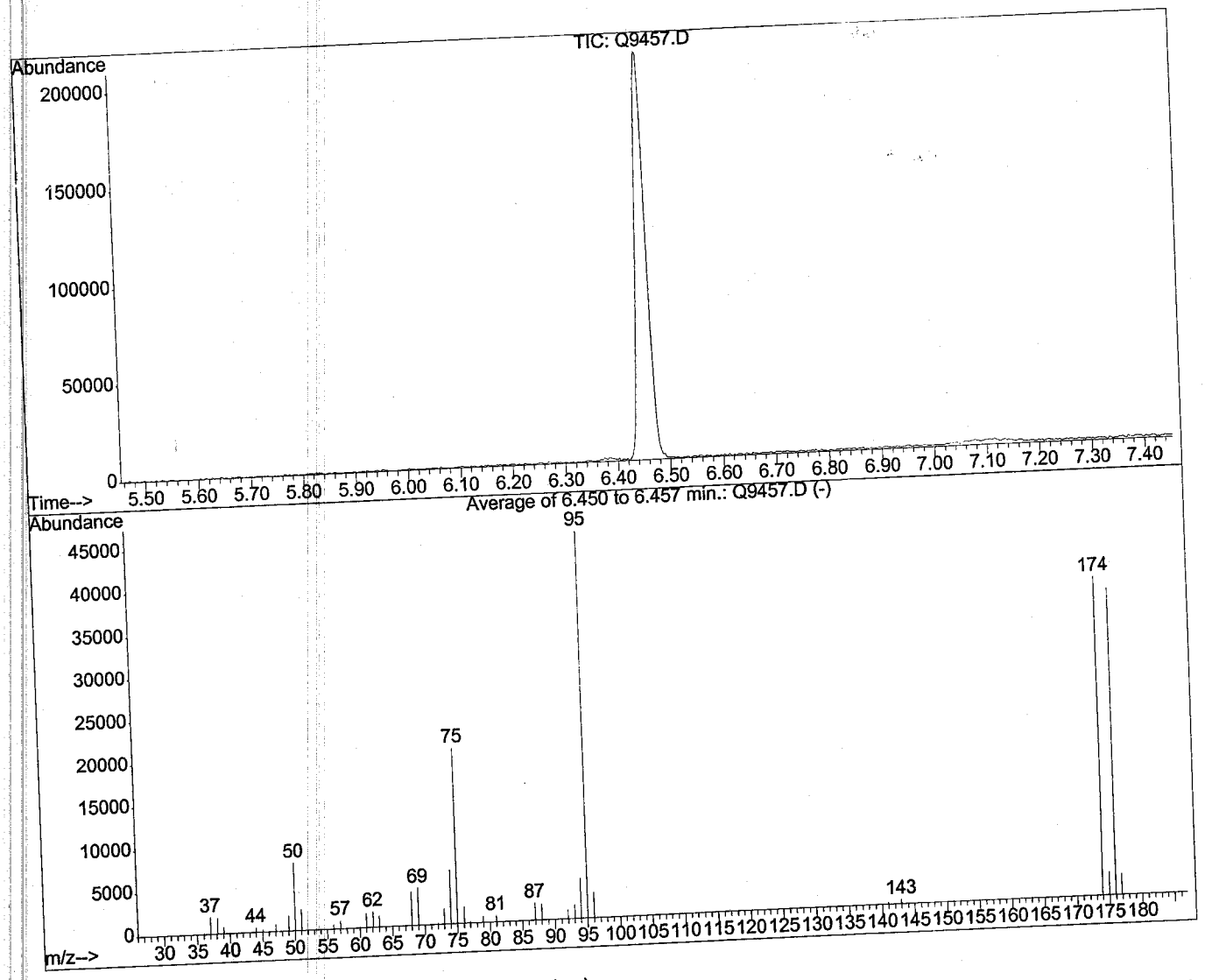
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
282.00	458						
283.00	284						

3615

BFB Tune Evaluation

Data File : C:\HPCHEM\1\DATA\122305\Q9457.D
Acq On : 23 Dec 2005 8:06
Sample : 1223BFBQ1
Misc :
MS Integration Params: RTEINT.P
Method : C:\HPCHEM\1\METHODS\Q8260\A5I02414.M (RTE Integrator)
Title : 8260 5ML

Vial: 1
Operator: JMB
Inst : HP5973 Q
Multiplr: 1.00



Peak Apex is scan: 1048 (6.45 min)
Average of 3 scans: 1047,1048,1049 minus background scan 1028 (6.39 min)

Target Mass	Rel. to Mass	Lower Limit,%	Upper Limit,%	Rel. Abn,%	Raw Abn	Result Pass/Fail
50	95	15	40	17.5	7919	PASS
75	95	30	60	45.4	20515	PASS
95	95	100	100	100.0	45211	PASS
96	95	5	9	6.6	2997	PASS
173	174	0	2	0.0	0	PASS
174	95	50	100	82.3	37208	PASS
175	174	5	9	7.1	2642	PASS
176	174	95	101	96.2	35781	PASS
177	176	5	9	6.8	2433	PASS

Q9457.D A5I02414.M Fri Dec 23 08:17:00 2005 HP5973-Q

rage of 6.450 to 6.457 min.: Q9457.D
1223BFBQ1

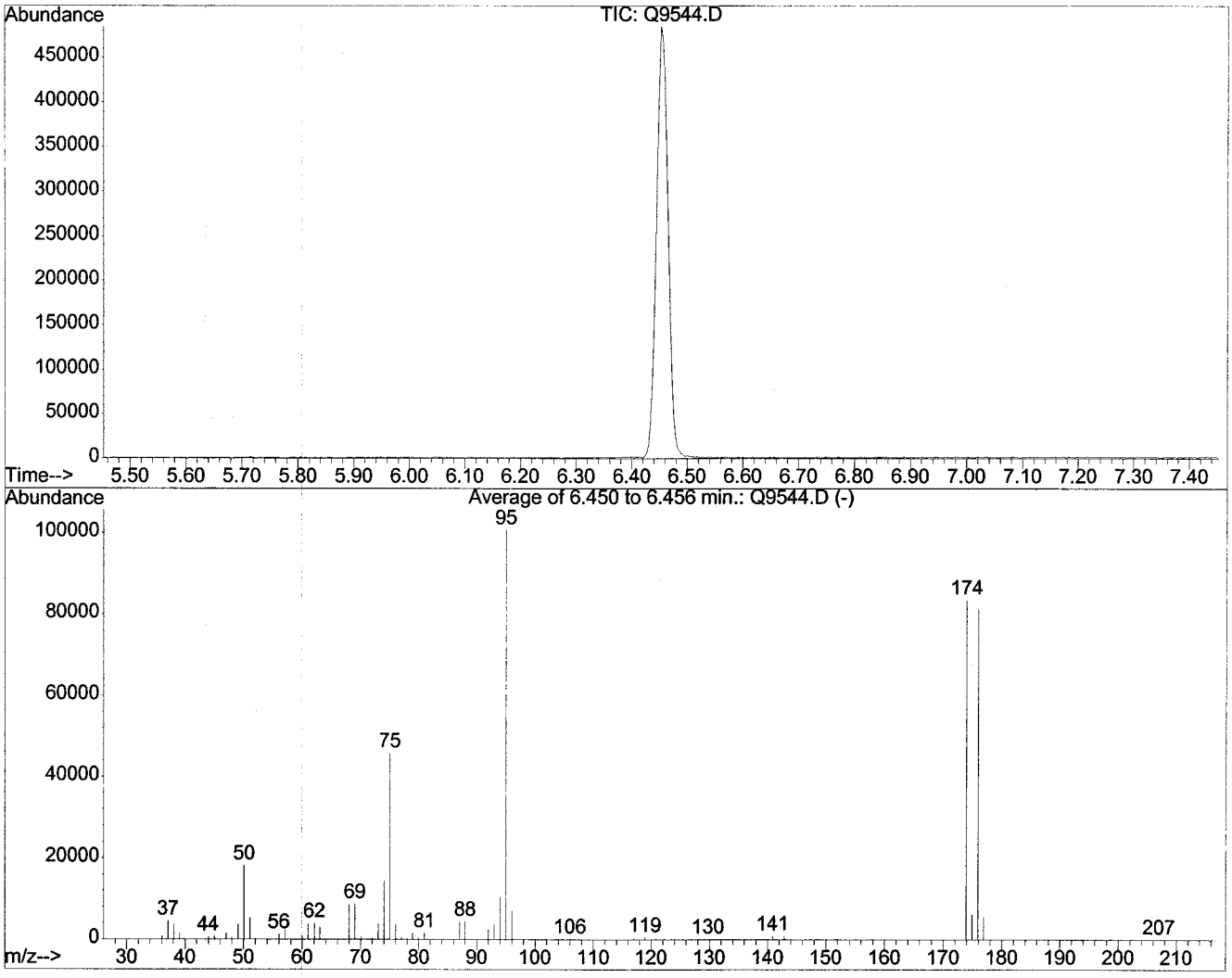
ified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
37.05	1958	61.00	1661	86.95	2016	175.90	35781
38.10	1779	62.05	1807	88.00	1882	176.90	2433
39.05	755	63.00	1312	91.95	1079		
44.00	540	68.00	3935	93.00	1699		
45.05	294	69.00	4348	94.00	4713		
47.05	819	73.00	1839	95.00	45211		
49.05	1791	74.00	6305	96.00	2997		
50.05	7919	75.00	20515	140.90	254		
51.05	2495	76.05	1929	142.95	525		
55.95	526	78.90	686	173.90	37208		
57.05	974	80.95	733	174.90	2642		

BFB Tune Evaluation

Data File : C:\HPCHEM\1\DATA\122705\Q9544.D
Acq On : 27 Dec 2005 20:18
Sample : 1227BFBQ2
Misc :
MS Integration Params: RTEINT.P
Method : C:\HPCHEM\1\METHODS\Q8260\A5I02444.M (RTE Integrator)
Title : 8260 5ML

Vial: 27
Operator: TLC
Inst : HP5973 Q
Multiplr: 1.00



Peak Apex is scan: 1048 (6.45 min)
Average of 3 scans: 1047,1048,1049 minus background scan 1028 (6.39 min)

Target Mass	Rel. to Mass	Lower Limit,%	Upper Limit,%	Rel. Abn,%	Raw Abn	Result Pass/Fail
50	95	15	40	18.0	18091	PASS
75	95	30	60	45.4	45752	PASS
95	95	100	100	100.0	100739	PASS
96	95	5	9	7.0	7046	PASS
173	174	0	2	0.0	0	PASS
174	95	50	100	82.9	83493	PASS
175	174	5	9	7.3	6098	PASS
176	174	95	101	97.3	81237	PASS
177	176	5	9	6.8	5514	PASS

Q9544.D A5I02444.M Tue Dec 27 20:31:01 2005 HP5973-Q

Average of 6.450 to 6.456 min.: Q9544.D
1227BFBQ2
Modified:subtracted

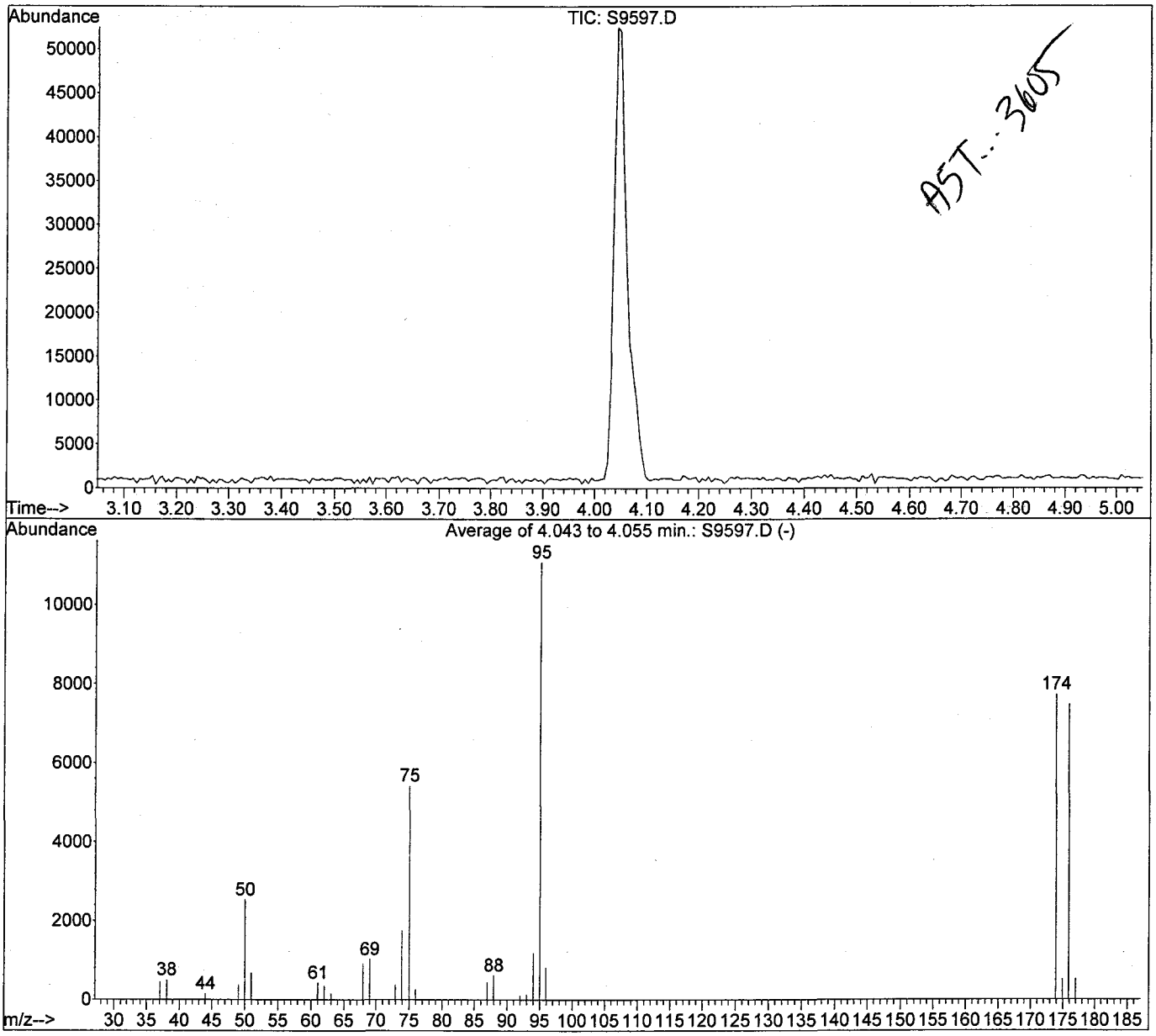
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.05	771	57.05	2369	76.05	3847	96.00	7046
37.10	4445	60.00	720	77.00	610	140.90	885
38.10	3689	61.00	3822	78.90	1593	142.90	822
39.05	1473	62.05	3881	79.90	533	173.90	83493
44.00	654	63.00	2955	80.95	1548	174.90	6098
45.05	790	68.00	8645	87.00	4267	175.90	81237
47.05	1545	69.00	8651	87.95	4363	176.90	5514
49.05	3680	70.05	751	92.00	2380		
50.10	18091	73.00	3783	93.00	3797		
51.10	5327	74.00	14422	94.00	10471		
56.00	1211	75.00	45752	95.00	100739		

BFB Tune Evaluation

Data File : D:\DATA\122205\S9597.D
Acq On : 22 Dec 2005 15:36
Sample : 1222BFBS2
Misc :
MS Integration Params: RTEINT.P

Vial: 1
Operator: TLC
Inst : HP5973S
Multiplr: 1.00

Method : C:\MSDCHEM\1\MET...\A5I0002395_E2.M (RTE Integrator)
Title : 8260 5ML WATER



Peak Apex is scan: 406 (4.05 min)
Average of 3 scans: 405,406,407 minus background scan 386 (3.93 min)

Target Mass	Rel. to Mass	Lower Limit,%	Upper Limit,%	Rel. Abn,%	Raw Abn	Result Pass/Fail
50	95	15	40	22.9	2540	PASS
75	95	30	60	49.0	5430	PASS
95	95	100	100	100.0	11089	PASS
96	95	5	9	7.5	831	PASS
173	174	0	2	0.0	0	PASS
174	95	50	100	69.8	7737	PASS
175	174	5	9	6.8	529	PASS
176	174	95	101	96.8	7486	PASS
177	176	5	9	7.0	527	PASS

S9597.D A5I0002395_E2.M Thu Dec 22 16:45:54 2005 HP5973S

Average of 4.043 to 4.055 min.: S9597.D
1222BFBS2
Modified:subtracted

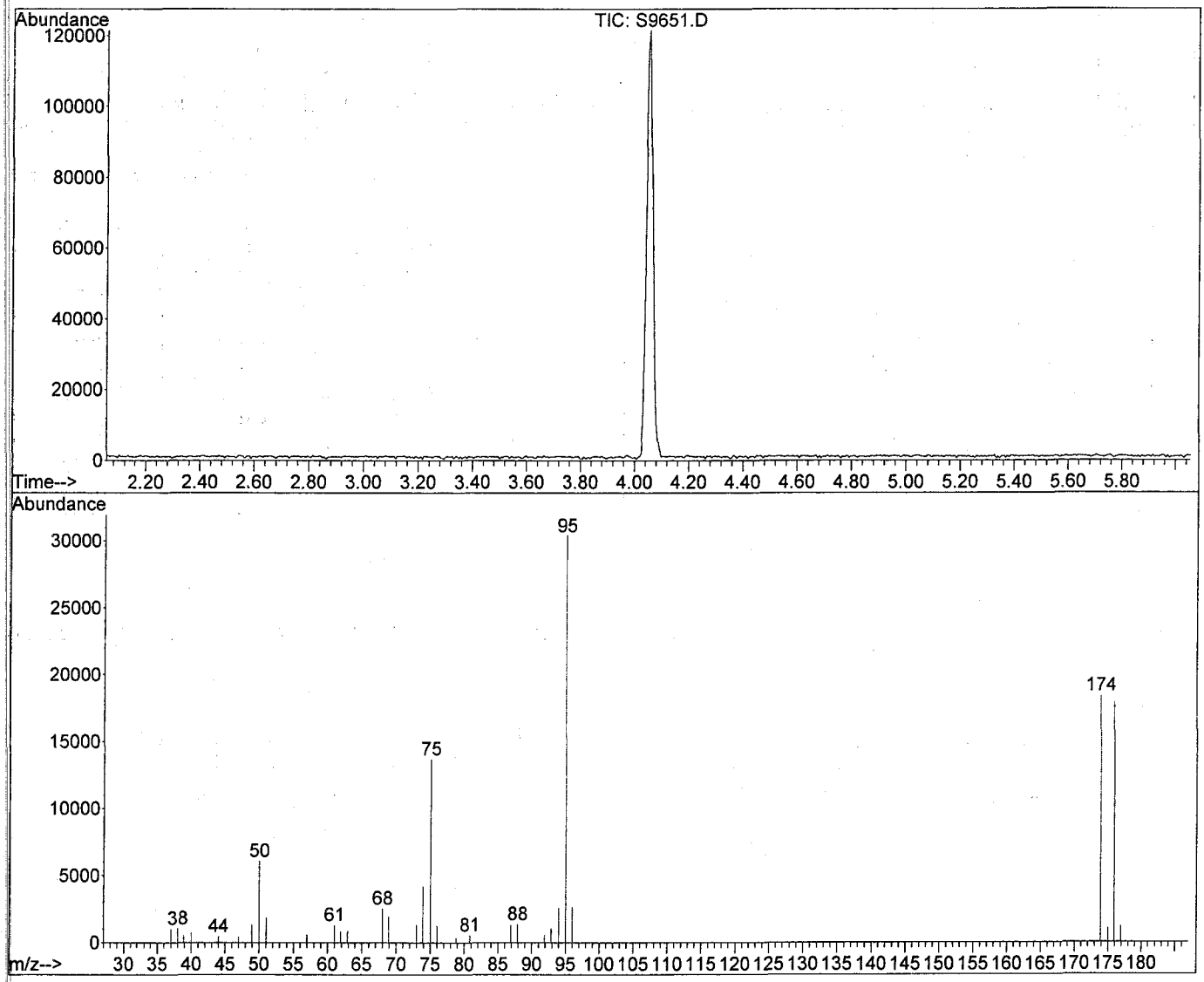
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
37.05	461	69.00	1030	95.90	831		
38.05	509	72.95	380	173.90	7737		
44.00	157	73.90	1766	174.95	529		
49.05	375	75.00	5430	175.90	7486		
50.00	2540	75.95	260	176.95	527		
50.95	683	86.95	437				
60.90	144	87.95	618				
61.05	433	92.00	118				
62.00	360	93.00	135				
63.00	147	94.00	1199				
67.95	928	95.00	11089				

Data File : D:\DATA\122705\S9651.D
Acq On : 27 Dec 2005 9:49
Sample : 1227BFBS1
Misc :
MS Integration Params: NA

Vial: 1
Operator: LH
Inst : HP5973S
Multiplr: 1.00

Method : C:\MSDCHEM\1\MET...\A5I0002442_E2.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Fri Dec 23 13:06:43 2005
Response via : Initial Calibration

lot



Spectrum Information: Scan 407

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	19.9	6061	PASS
75	95	30	60	45.0	13682	PASS
95	95	100	100	100.0	30432	PASS
96	95	5	9	8.8	2691	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	60.3	18360	PASS
175	174	5	9	5.6	1029	PASS
176	174	95	101	97.3	17864	PASS
177	176	5	9	6.6	1176	PASS

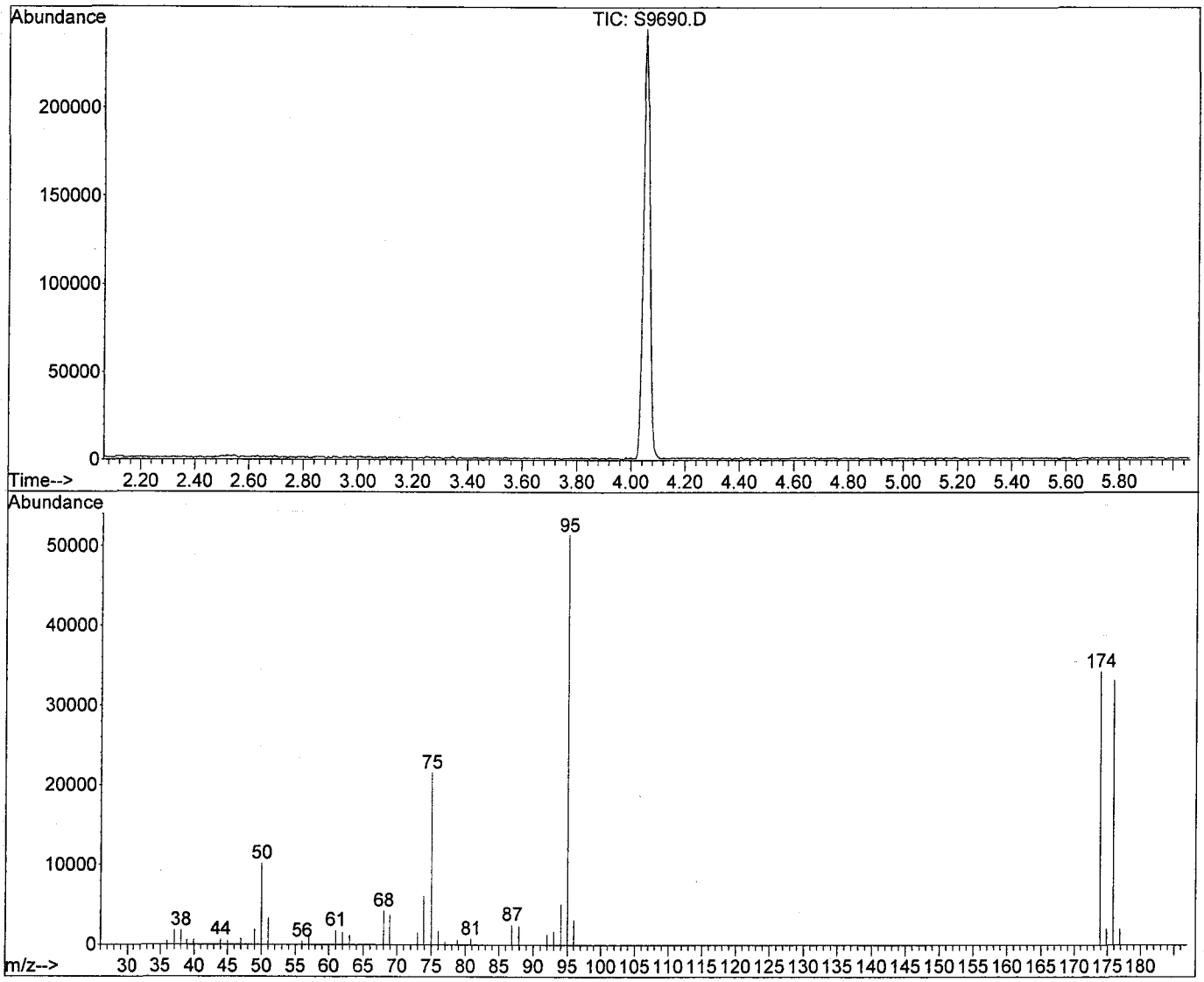
Scan 407 (4.055 min): S9651.D
1227BFBS1

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
37.00	1010	61.90	824	87.90	1375		
38.00	1034	62.90	905	91.90	566		
38.90	547	68.00	2533	92.90	1088		
40.00	775	68.90	1957	94.00	2599		
44.00	464	73.00	1319	95.00	30432		
47.00	439	73.90	4171	96.00	2691		
48.90	1348	75.00	13682	173.90	18360		
50.00	6061	76.00	1242	175.00	1029		
51.00	1846	78.80	361	175.90	17864		
57.00	613	80.80	532	176.90	1176		
61.00	1298	86.90	1311				

Data File : D:\DATA\122805\S9690.D
Acq On : 28 Dec 2005 8:31
Sample : 1228BFBS1
Misc :
MS Integration Params: NA

Vial: 1
Operator: LH
Inst : HP5973S
Multiplr: 1.00

Method : C:\MSDCHEM\1\MET...\A5I0002442_E2.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Tue Dec 27 11:08:38 2005
Response via : Initial Calibration



Spectrum Information: Scan 408

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	19.8	10182	PASS
75	95	30	60	42.0	21592	PASS
95	95	100	100	100.0	51456	PASS
96	95	5	9	6.2	3167	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	66.7	34296	PASS
175	174	5	9	6.1	2081	PASS
176	174	95	101	96.9	33216	PASS
177	176	5	9	6.2	2059	PASS

Scan 408 (4.061 min): S9690.D
1228BFBS1

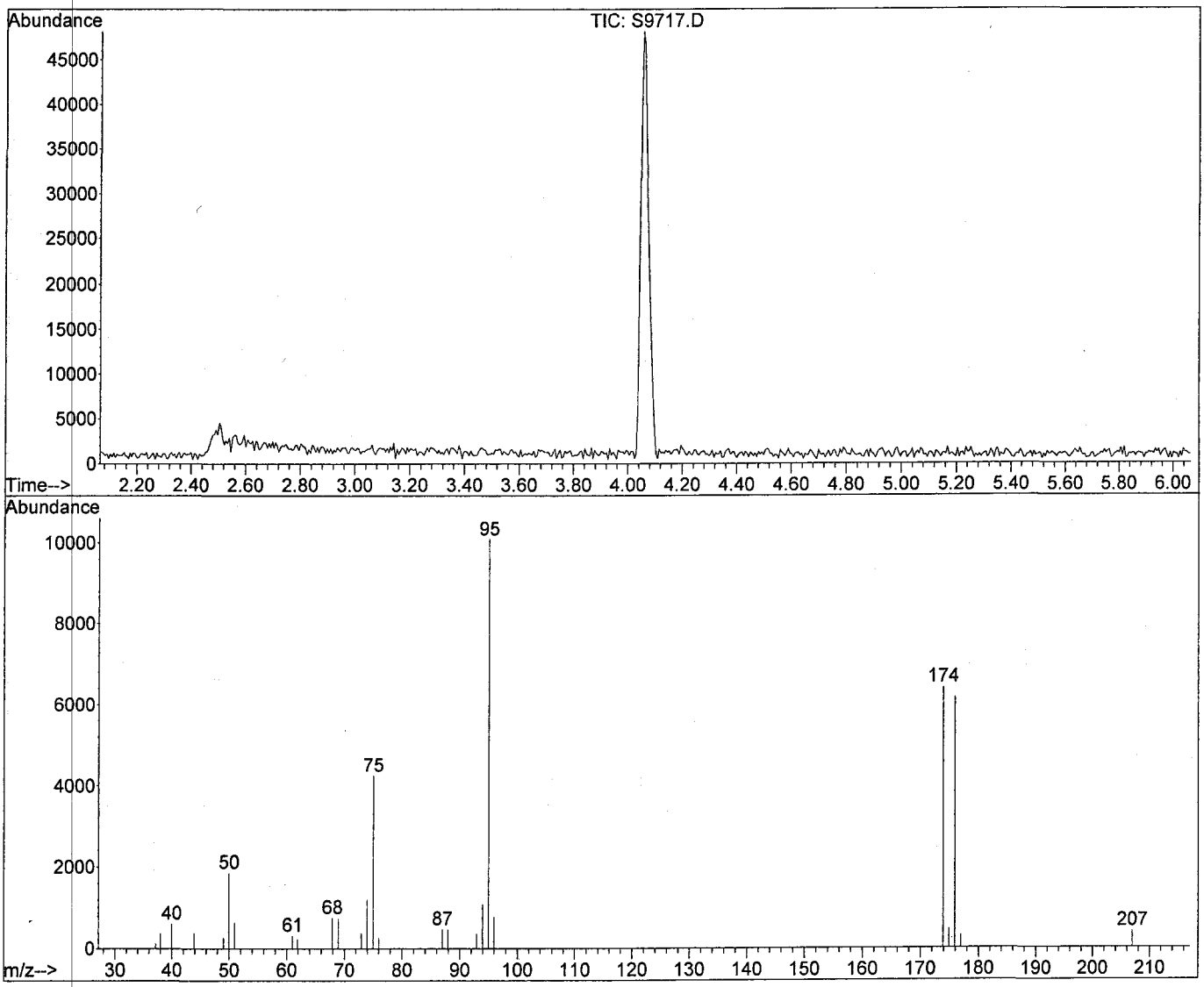
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.00	501	56.00	442	77.00	356	174.90	2081
37.00	1809	57.00	1060	78.80	595	175.90	33216
38.00	1819	61.00	1791	80.80	749	176.90	2059
38.90	628	62.00	1583	86.90	2527		
39.90	648	63.00	1203	87.90	2357		
44.00	657	68.00	4238	92.00	1299		
45.00	432	68.90	3724	93.00	1692		
47.00	780	73.00	1605	94.00	5092		
49.00	1916	73.90	6158	95.00	51456		
50.00	10182	75.00	21592	96.00	3167		
51.00	3334	76.00	1760	173.90	34296		

Data File : D:\DATA\122805\S9717.D
Acq On : 28 Dec 2005 19:31
Sample : 1228BFBS2
Misc :
MS Integration Params: NA

Vial: 1
Operator: TLC
Inst : HP5973S
Multiplr: 1.00

Method : C:\MSDCHEM\1\MET...\A5I0002442_E2.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Dec 28 09:45:03 2005
Response via : Initial Calibration

60



Spectrum Information: Average of 4.055 to 4.073 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	18.4	1857	PASS
75	95	30	60	42.0	4244	PASS
95	95	100	100	100.0	10104	PASS
96	95	5	9	7.7	777	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	63.5	6413	PASS
175	174	5	9	7.2	464	PASS
176	174	95	101	96.2	6172	PASS
177	176	5	9	5.0	310	PASS

Average of 4.055 to 4.073 min.: S9717.D
1228BFBS2

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
37.10	126	72.95	377	174.85	464		
38.00	379	73.95	1194	175.90	6172		
39.95	607	75.00	4244	176.95	310		
43.85	380	76.00	256	207.00	402		
49.05	264	86.95	477				
49.95	1857	87.95	466				
50.95	636	92.90	363				
61.00	317	93.95	1084				
61.90	241	95.00	10104				
67.90	754	95.95	777				
68.95	735	173.90	6413				

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.

VBLK21

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A5B2007602

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: S9655.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/27/2005

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	5.0	U
71-43-2	Benzene	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon Disulfide	1.0	U
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	1.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	1.0	U
110-82-7	Cyclohexane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-59-2	cis-1,2-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
98-82-8	Isopropylbenzene	1.0	U
79-20-9	Methyl acetate	1.0	U
108-87-2	Methylcyclohexane	1.0	U
75-09-2	Methylene chloride	1.0	U

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.

VBLK21

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A5B2007602

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: S9655.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/27/2005

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 1.00

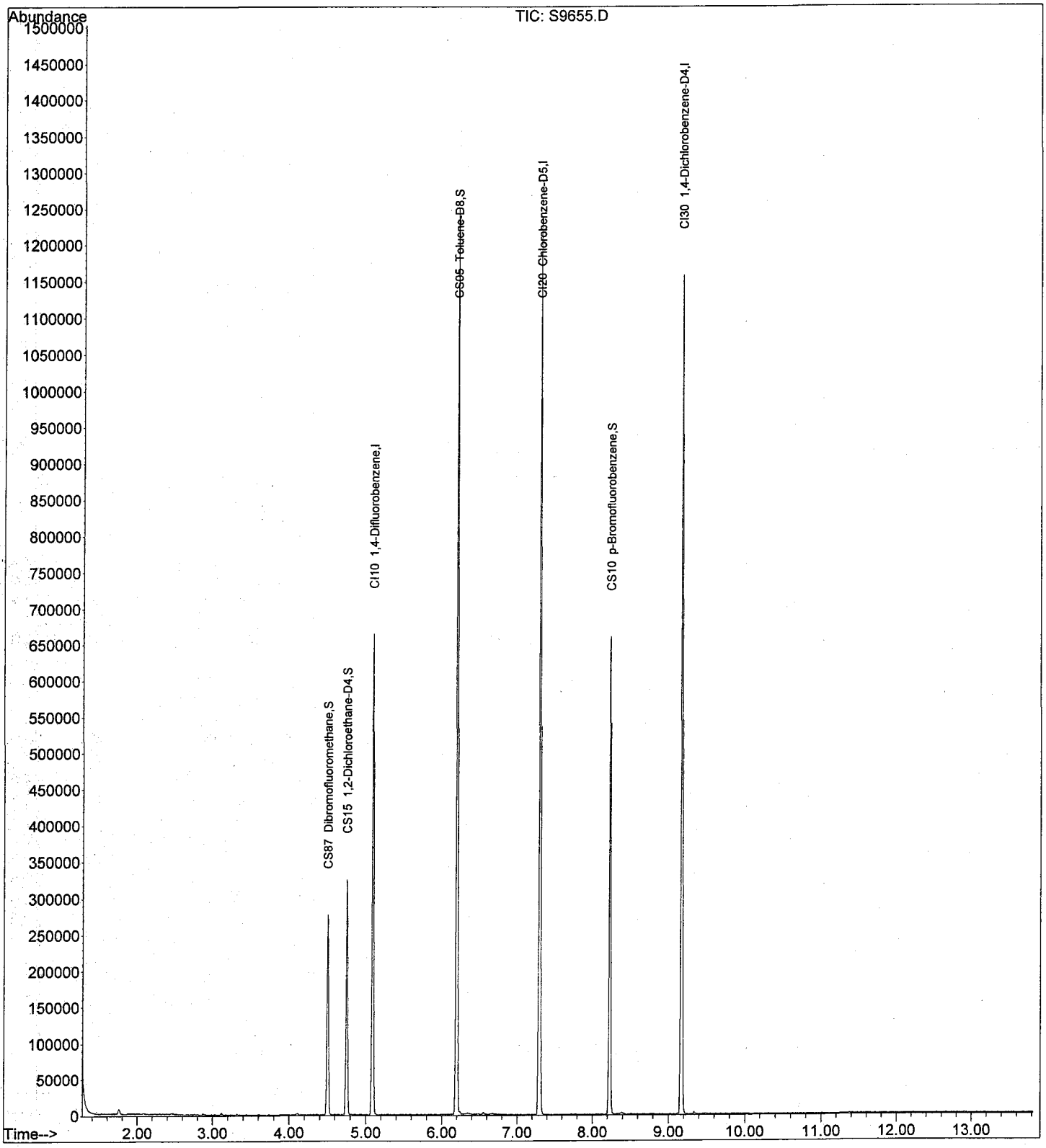
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	5.0	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	1.0	U
91-20-3	Naphthalene	1.0	U
100-42-5	Styrene	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
79-01-6	Trichloroethene	1.0	U
75-01-4	Vinyl chloride	1.0	U
1330-20-7	Total Xylenes	3.0	U

Data File : D:\DATA\122705\S9655.D
Acq On : 27 Dec 2005 11:30
Sample : VBLK21
Misc :
MS Integration Params: RTEINT.P

Vial: 5
Operator: LH
Inst : HP5973S
Multiplr: 1.00

Quant Time: Dec 27 11:49:09 2005 Results File: A5I0002442_E2.RES
Quant Method : C:\MSDCHEM\1...\A5I0002442_E2.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Tue Dec 27 11:08:38 2005
Response via : Initial Calibration
DataAcq Meth : VOA



Quantitation Report STL Buffalo (Not Reviewed)

Data File : D:\DATA\122705\S9655.D
Acq On : 27 Dec 2005 11:30
Sample : VBLK21
Misc :
MS Integration Params: RTEINT.P
Quant Time: Dec 27 11:49:09 2005

Vial: 5
Operator: LH
Inst : HP5973S
Multiplr: 1.00
Results File: A5I0002442_E2.RES

Quant Method : C:\MSDCHEM\1...\A5I0002442_E2.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Tue Dec 27 11:08:38 2005
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\DATA\122705\S9652.D (27 Dec 2005 10:13)

No TIC No ADD Deans 12/27/05 TC

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.09	114	405816	125.00	ng	0.00 92.02%
43) CI20	Chlorobenzene-D5	7.30	117	556539	125.00	ng	0.00 92.68%
62) CI30	1,4-Dichlorobenzene-	9.16	152	258175	125.00	ng	0.00 86.79%
System Monitoring Compounds							
30) CS87	Dibromofluoromethane	4.50	111	142594	124.49	ng	0.00
Spiked Amount	125.000	Range	70 - 130		Recovery =		99.59%
31) CS15	1,2-Dichloroethane-D	4.75	65	151163	120.92	ng	0.00
Spiked Amount	125.000	Range	73 - 136		Recovery =		96.74%
44) CS05	Toluene-D8	6.19	98	633407	114.89	ng	0.00
Spiked Amount	125.000	Range	77 - 122		Recovery =		91.91%
61) CS10	p-Bromofluorobenzene	8.23	174	132668	105.97	ng	0.00
Spiked Amount	125.000	Range	74 - 120		Recovery =		84.78%

Target Compounds					Qvalue
2) C290	Dichlorodifluorome	0.00	85	0	N.D.
3) C010	Chloromethane	0.00	50	0	N.D.
4) C020	Vinyl chloride	0.00	62	0	N.D.
5) C015	Bromomethane	0.00	94	0	N.D.
6) C025	Chloroethane	0.00	64	0	N.D.
7) C275	Trichlorofluoromet	0.00	101	0	N.D.
8) C045	1,1-Dichloroethene	0.00	96	0	N.D.
9) C030	Methylene chloride	3.12	84	635	N.D.
10) C040	Carbon disulfide	2.87	76	1679	N.D.
11) C036	Acrolein	2.61	56	128	N.D.
12) C038	Acrylonitrile	3.32	53	521	N.D.
13) C035	Acetone	2.76	43	297	N.D.
14) C300	Acetonitrile	0.00	41	0	N.D.
15) C276	Iodomethane	0.00	142	0	N.D.
16) C291	1,1,2 Trichloro-1,	0.00	101	0	N.D.
17) C962	T-butyl Methyl Eth	0.00	73	0	N.D.
18) C057	trans-1,2-Dichloro	0.00	96	0	N.D.
19) C255	Methyl Acetate	3.04	43	139	N.D.
20) C050	1,1-Dichloroethane	0.00	63	0	N.D.
21) C125	Vinyl Acetate	0.00	43	0	N.D.
22) C051	2,2-Dichloropropan	0.00	77	0	N.D.
23) C056	cis-1,2-Dichloroet	0.00	96	0	N.D.
24) C272	Tetrahydrofuran	0.00	42	0	N.D.
25) C222	Bromochloromethane	0.00	128	0	N.D.
26) C060	Chloroform	0.00	83	0	N.D.
27) C115	1,1,1-Trichloroeth	0.00	97	0	N.D.
28) C120	Carbon tetrachlori	0.00	117	0	N.D.
29) C116	1,1-Dichloropropen	0.00	75	0	N.D.
32) C165	Benzene	4.80	78	568	N.D.
33) C065	1,2-Dichloroethane	0.00	62	0	N.D.
34) C110	2-Butanone	0.00	43	0	N.D.
35) C256	Cyclohexane	0.00	56	0	N.D.
36) C150	Trichloroethene	0.00	95	0	N.D.
37) C140	1,2-Dichloropropan	0.00	63	0	N.D.
38) C278	Dibromomethane	0.00	93	0	N.D.

1/13/2006

Data File : D:\DATA\122705\S9655.D Vial: 5
Acq On : 27 Dec 2005 11:30 Operator: LH
Sample : VBLK21 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 27 11:49:09 2005 Results File: A5I0002442_E2.RES

Quant Method : C:\MSDCHEM\1...\A5I0002442_E2.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Tue Dec 27 11:08:38 2005
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\DATA\122705\S9652.D (27 Dec 2005 10:13)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
39) C130	Bromodichlorometha	0.00	83	0	N.D.		
40) C161	2-Chloroethylvinyl	0.00	63	0	N.D.		
41) C012	Methylcycolhexane	0.00	83	0	N.D.		
42) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.		
45) C230	Toluene	6.24	92	725	N.D.		
46) C170	trans-1,3-Dichloro	0.00	75	0	N.D.		
47) C284	Ethyl Methacrylate	0.00	69	0	N.D.		
48) C160	1,1,2-Trichloroeth	0.00	83	0	N.D.		
49) C210	4-Methyl-2-pentano	6.19	43	2812	N.D.		
50) C220	Tetrachloroethene	0.00	166	0	N.D.		
51) C221	1,3-Dichloropropan	0.00	76	0	N.D.		
52) C155	Dibromochlorometha	0.00	129	0	N.D.		
53) C163	1,2-Dibromoethane	0.00	107	0	N.D.		
54) C215	2-Hexanone	0.00	43	0	N.D.		
55) C235	Chlorobenzene	7.32	112	1932	N.D.		
56) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.		
57) C240	Ethylbenzene	7.50	91	344	N.D.		
58) C246	m,p-Xylene	0.00	106	0	N.D.		
59) C247	o-Xylene	0.00	106	0	N.D.		
60) C245	Styrene	0.00	104	0	N.D.		
63) C180	Bromoform	0.00	173	0	N.D.		
64) C966	Isopropylbenzene	0.00	105	0	N.D.		
65) C301	Bromobenzene	0.00	156	0	N.D.		
66) C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.		
67) C282	1,2,3-Trichloropro	0.00	110	0	N.D.		
68) C283	t-1,4-Dichloro-2-B	8.37	53	169	N.D.		
69) C302	n-Propylbenzene	8.60	91	307	N.D.		
70) C303	2-Chlorotoluene	0.00	126	0	N.D.		
71) C289	4-Chlorotoluene	0.00	126	0	N.D.		
72) C304	1,3,5-Trimethylben	0.00	105	0	N.D.		
73) C306	tert-Butylbenzene	0.00	134	0	N.D.		
74) C307	1,2,4-Trimethylben	8.88	105	309	N.D.		
75) C308	sec-Butylbenzene	8.88	105	309	N.D.		
76) C260	1,3-Dichlorobenzen	9.12	146	310	N.D.		
77) C309	4-Isopropyltoluene	9.14	119	133	N.D.		
78) C267	1,4-Dichlorobenzen	9.19	146	748	N.D.		
79) C249	1,2-Dichlorobenzen	9.49	146	384	N.D.		
80) C310	n-Butylbenzene	9.48	91	142	N.D.		
81) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.		
82) C313	1,2,4-Trichloroben	0.00	180	0	N.D.		
83) C316	Hexachlorobutadien	0.00	225	0	N.D.		
84) C314	Naphthalene	11.01	128	130	N.D.		
85) C934	1,2,3-Trichloroben	0.00	180	0	N.D.		

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

11/3/06

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.

VBLK40

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A5B2009802

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q9547.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/27/2005

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	5.0	U
71-43-2	Benzene	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon Disulfide	1.0	U
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	1.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	1.0	U
110-82-7	Cyclohexane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-59-2	cis-1,2-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
98-82-8	Isopropylbenzene	1.0	U
79-20-9	Methyl acetate	1.0	U
108-87-2	Methylcyclohexane	1.0	U
75-09-2	Methylene chloride	1.0	U

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.

VBLK40

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A5B2009802

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q9547.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/27/2005

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

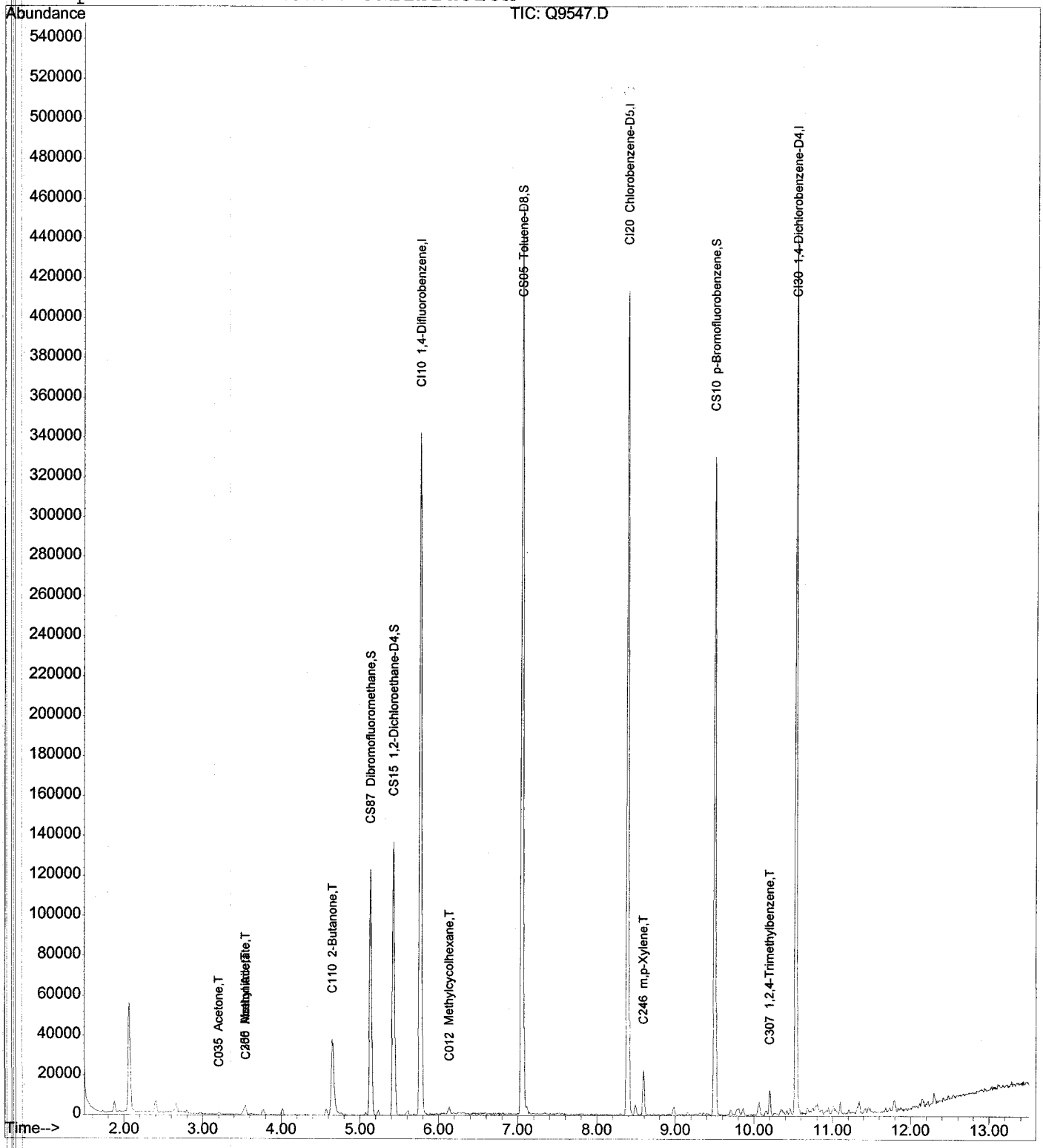
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	5.0	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	1.0	U
91-20-3	Naphthalene	1.0	U
100-42-5	Styrene	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
79-01-6	Trichloroethene	1.0	U
75-01-4	Vinyl chloride	1.0	U
1330-20-7	Total Xylenes	1.2	J

Quantitation Report

Data File : C:\HPCHEM\1\DATA\122705\Q9547.D Vial: 30
Acq On : 27 Dec 2005 21:45 Operator: TLC
Sample : VBLK40 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 27 21:59 2005 Quant Results File: A5I02444.RES

Method : C:\HPCHEM\1\METHODS\Q8260\A5I02444.M (RTE Integrator)
Title : 8260 5ML
Last Update : Tue Dec 27 20:57:50 2005
Response via : Initial Calibration



Quantitation Report STL Buffalo

Data File : C:\HPCHEM\1\DATA\122705\Q9547.D Vial: 30
Acq On : 27 Dec 2005 21:45 Operator: TLC
Sample : VBLK40 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 27 21:59 2005 Quant Results File: A5I02444.RES

Quant Method : C:\HPCHEM\1...\A5I02444.M (RTE Integrator)
Title : 8260 5ML
Last Update : Tue Dec 27 20:57:50 2005
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : C:\HPCHEM\1\DATA\122705\Q9545.D (27 Dec 2005 20:40)

SBE 12/27/05 TLC

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.77	114	284411	125.00	ng	0.00 98.69%
43) CI20	Chlorobenzene-D5	8.39	117	250720	125.00	ng	0.00 99.40%
62) CI30	1,4-Dichlorobenzene-	10.53	152	120285	125.00	ng	0.00 95.42%
System Monitoring Compounds							
30) CS87	Dibromofluoromethane	5.14	111	74565	120.48	ng	0.00
Spiked Amount	125.000	Range	70 - 130	Recovery =	96.38%		
31) CS15	1,2-Dichloroethane-D	5.43	65	85058	118.21	ng	0.00
Spiked Amount	125.000	Range	72 - 143	Recovery =	94.57%		
44) CS05	Toluene-D8	7.05	98	308097	124.39	ng	0.00
Spiked Amount	125.000	Range	76 - 116	Recovery =	99.51%		
61) CS10	p-Bromofluorobenzene	9.51	174	101360	127.01	ng	0.00
Spiked Amount	125.000	Range	73 - 117	Recovery =	101.61%		

Target Compounds							Qvalue
2) C290	Dichlorodifluorometh	0.00	85	0	N.D.		
3) C010	Chloromethane	0.00	50	0	N.D.		
4) C020	Vinyl chloride	0.00	62	0	N.D.		
5) C015	Bromomethane	0.00	94	0	N.D.		
6) C025	Chloroethane	0.00	64	0	N.D.		
7) C275	Trichlorofluorometha	0.00	101	0	N.D.		
8) C045	1,1-Dichloroethene	0.00	96	0	N.D.		
9) C030	Methylene chloride	0.00	84	0	N.D.		
10) C040	Carbon disulfide	0.00	76	0	N.D.		
11) C036	Acrolein	0.00	56	0	N.D.		
12) C038	Acrylonitrile	0.00	53	0	N.D.		
13) C035	Acetone	3.20	43	1474	5.33 ng	#	44
14) C300	Acetonitrile	3.54	41	1824	14.37 ng	#	26
15) C276	Iodomethane	0.00	142	0	N.D.		
16) C291	1,1,2 Trichloro-1,2,	0.00	101	0	N.D.		
17) C962	T-butyl Methyl Ether	0.00	73	0	N.D.		
18) C057	trans-1,2-Dichloroet	0.00	96	0	N.D.		
19) C255	Methyl Acetate	3.54	43	4622	4.74 ng	#	55
20) C050	1,1-Dichloroethane	0.00	63	0	N.D.		
21) C125	Vinyl Acetate	0.00	43	0	N.D.		
22) C051	2,2-Dichloropropane	4.66	77	1857	N.D.		

1/13/2006

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

Quantitation Report STL Buffalo

Data File : C:\HPCHEM\1\DATA\122705\Q9547.D Vial: 30
Acq On : 27 Dec 2005 21:45 Operator: TLC
Sample : VBLK40 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 27 21:59 2005 Quant Results File: A5I02444.RES

Quant Method : C:\HPCHEM\1...\A5I02444.M (RTE Integrator)
Title : 8260 5ML
Last Update : Tue Dec 27 20:57:50 2005
Response via : Initial Calibration
DataAcq Meth : VOA

	Compound		R.T.	QIon	Response	Conc Unit		Qvalue
23)	C056	cis-1,2-Dichloroethe	0.00	96	0	N.D.		
24)	C272	Tetrahydrofuran	0.00	42	0	N.D.		
25)	C222	Bromochloromethane	0.00	128	0	N.D.		
26)	C060	Chloroform	0.00	83	0	N.D.		
27)	C115	1,1,1-Trichloroethan	0.00	97	0	N.D.		
28)	C120	Carbon tetrachloride	0.00	117	0	N.D.		
29)	C116	1,1-Dichloropropene	0.00	75	0	N.D.		
32)	C165	Benzene	5.45	78	1373	N.D.		
33)	C065	1,2-Dichloroethane	0.00	62	0	N.D.		
34)	C110	2-Butanone	4.65	43	1286	2.75 ng	#	51
35)	C256	Cyclohexane	5.16	56	1481	N.D.		
36)	C150	Trichloroethene	0.00	95	0	N.D.		
37)	C140	1,2-Dichloropropane	0.00	63	0	N.D.		
38)	C278	Dibromomethane	0.00	93	0	N.D.		
39)	C130	Bromodichloromethane	0.00	83	0	N.D.		
40)	C161	2-Chloroethylvinyl E	0.00	63	0	N.D.		
41)	C012	Methylcycolhexane	6.14	83	1853	2.04 ng	#	80
42)	C145	cis-1,3-Dichloroprop	0.00	75	0	N.D.		
45)	C230	Toluene	7.11	92	1638	N.D.		
46)	C170	trans-1,3-Dichloropr	0.00	75	0	N.D.		
47)	C284	Ethyl Methacrylate	0.00	69	0	N.D.		
48)	C160	1,1,2-Trichloroethan	0.00	83	0	N.D.		
49)	C210	4-Methyl-2-pentanone	7.05	43	1094	N.D.		
50)	C220	Tetrachloroethene	0.00	166	0	N.D.		
51)	C221	1,3-Dichloropropane	0.00	76	0	N.D.		
52)	C155	Dibromochloromethane	0.00	129	0	N.D.		
53)	C163	1,2-Dibromoethane	0.00	107	0	N.D.		
54)	C215	2-Hexanone	0.00	43	0	N.D.		
55)	C235	Chlorobenzene	8.42	112	131	N.D.		
56)	C281	1,1,1,2-Tetrachloroe	0.00	131	0	N.D.		
57)	C240	Ethylbenzene	8.49	91	5380	N.D.		
58)	C246	m,p-Xylene	8.60	106	7660	5.99 ng	#	74
59)	C247	o-Xylene	8.98	106	1684	N.D.		
60)	C245	Styrene	0.00	104	0	N.D.		
63)	C180	Bromoform	0.00	173	0	N.D.		
64)	C966	Isopropylbenzene	9.32	105	1222	N.D.		
65)	C301	Bromobenzene	0.00	156	0	N.D.		
66)	C225	1,1,2,2-Tetrachloroe	0.00	83	0	N.D.		
67)	C282	1,2,3-Trichloropropa	0.00	110	0	N.D.		
68)	C283	t-1,4-Dichloro-2-But	0.00	51	0	N.D.		
69)	C302	n-Propylbenzene	9.71	91	2979	N.D.		

LCDL

LCDL

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

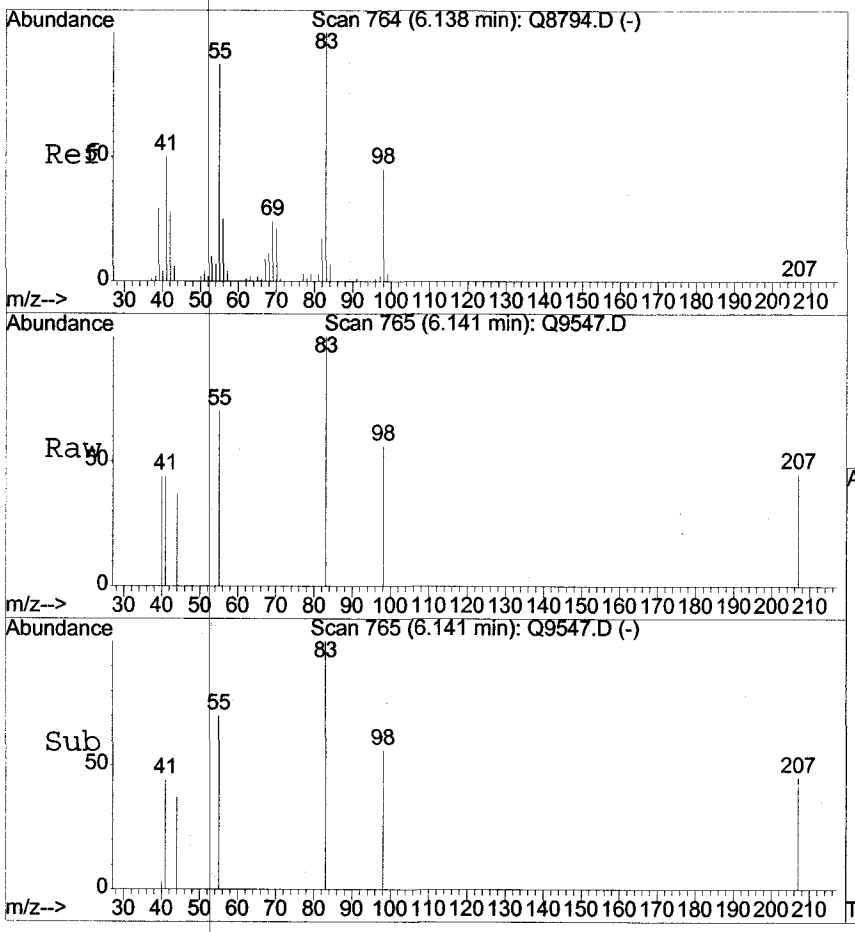
Quantitation Report STL Buffalo

Data File : C:\HPCHEM\1\DATA\122705\Q9547.D Vial: 30
Acq On : 27 Dec 2005 21:45 Operator: TLC
Sample : VBLK40 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 27 21:59 2005 Quant Results File: A5I02444.RES

Quant Method : C:\HPCHEM\1...\A5I02444.M (RTE Integrator)
Title : 8260 5ML
Last Update : Tue Dec 27 20:57:50 2005
Response via : Initial Calibration
DataAcq Meth : VOA

	Compound		R.T.	QIon	Response	Conc Unit	Qvalue
70)	C303	2-Chlorotoluene	0.00	126	0	N.D.	
71)	C289	4-Chlorotoluene	0.00	126	0	N.D.	
72)	C304	1,3,5-Trimethylbenze	9.86	105	3009	N.D.	
73)	C306	tert-Butylbenzene	0.00	134	0	N.D.	
74)	C307	1,2,4-Trimethylbenze	10.20	105	8833	3.56 ng	92
75)	C308	sec-Butylbenzene	10.34	105	3263	N.D.	
76)	C260	1,3-Dichlorobenzene	0.00	146	0	N.D.	
77)	C309	4-Isopropyltoluene	10.46	119	2609	N.D.	
78)	C267	1,4-Dichlorobenzene	0.00	146	0	N.D.	
79)	C249	1,2-Dichlorobenzene	0.00	146	0	N.D.	
80)	C310	n-Butylbenzene	10.81	91	3521	N.D.	
81)	C286	1,2-Dibromo-3-Chloro	0.00	75	0	N.D.	
82)	C313	1,2,4-Trichlorobenze	12.11	180	881	N.D.	
83)	C316	Hexachlorobutadiene	12.21	225	366	N.D.	
84)	C314	Naphthalene	12.30	128	5198	N.D.	
85)	C934	1,2,3-Trichlorobenze	12.47	180	921	N.D.	

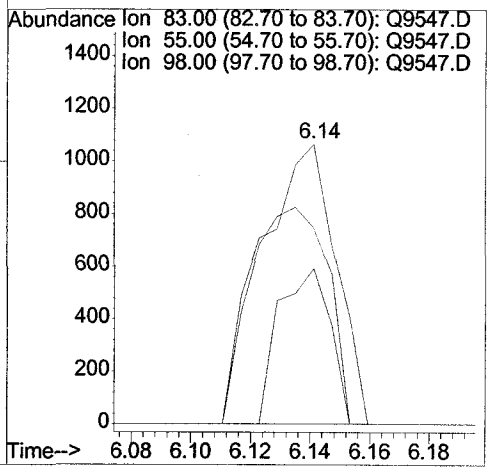
(#) = qualifier out of range (m) = manual integration

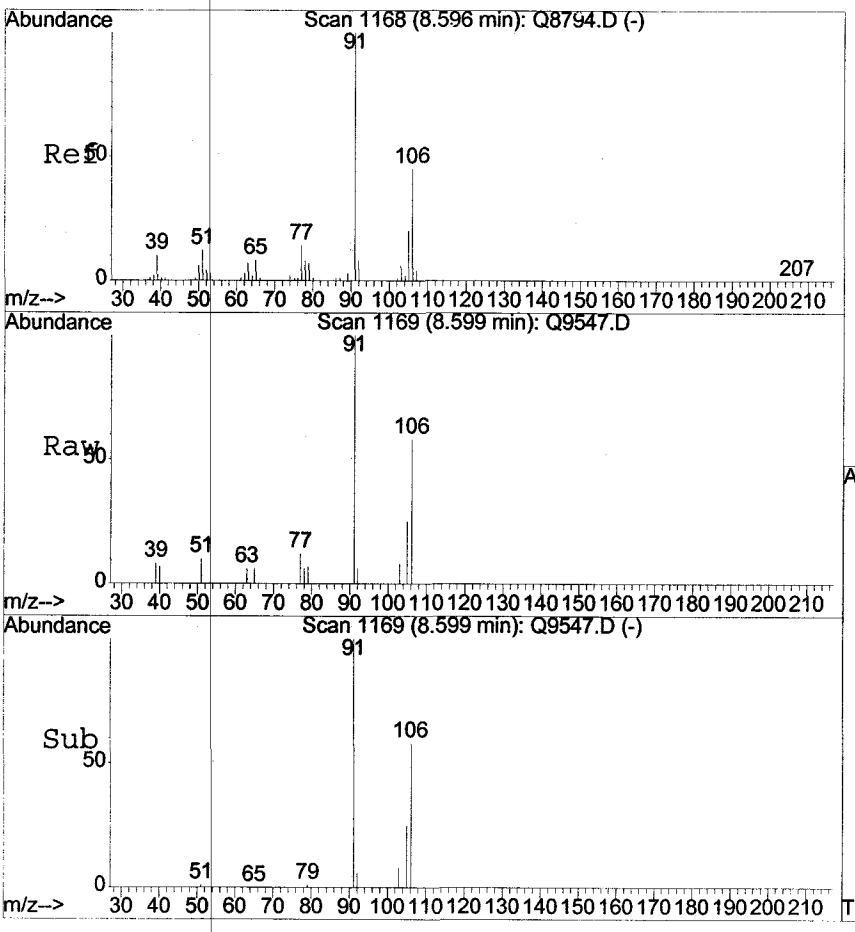


#41
C012 Methylcycolhexane
Concen: 2.04 ng
RT: 6.14 min Scan# 765
Delta R.T. 0.01 min
Lab File: Q9547.D
Acq: 27 Dec 2005 21:45

Tgt Ion: 83 Resp: 1853

Ion	Ratio	Lower	Upper
83	100		
55	79.7	84.7	127.1#
98	38.2	32.9	49.3

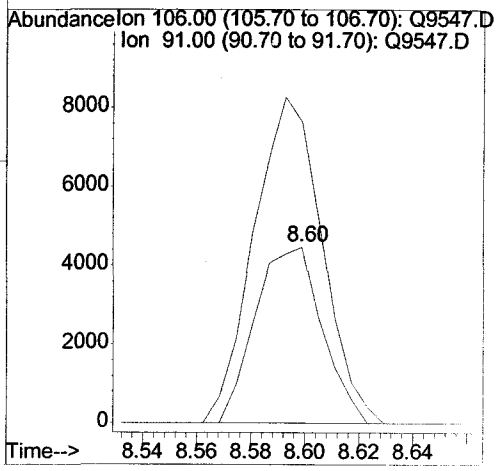


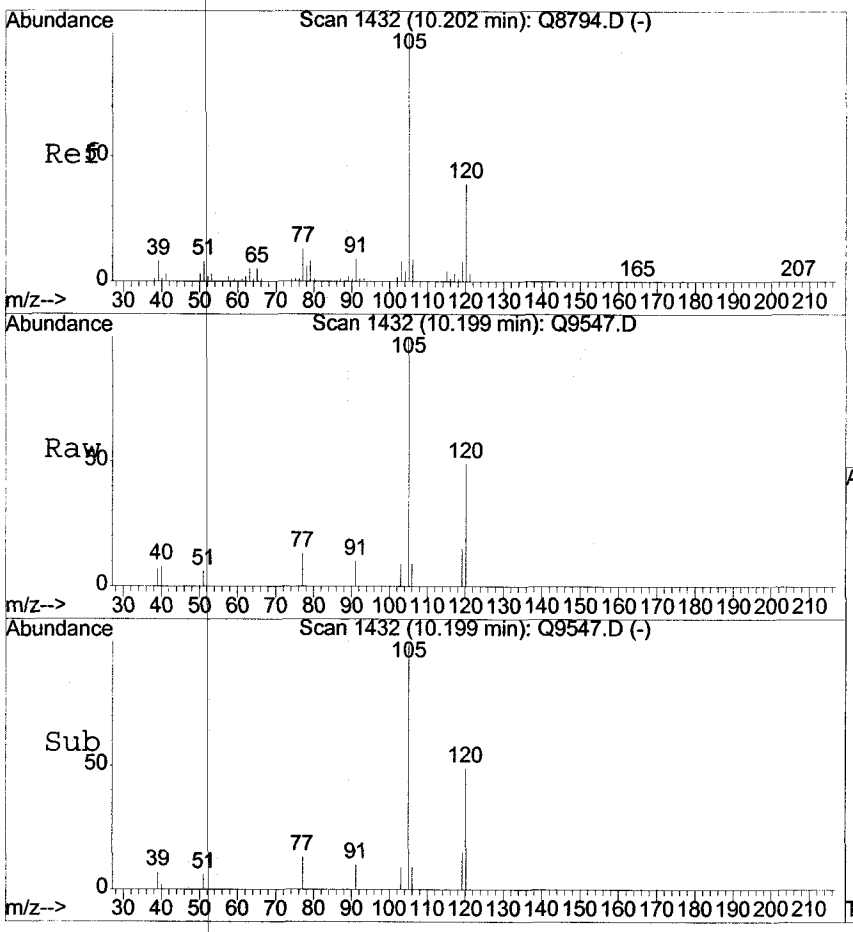


#58
C246 m,p-Xylene
Concen: 5.99 ng
RT: 8.60 min Scan# 1169
Delta R.T. 0.01 min
Lab File: Q9547.D
Acq: 27 Dec 2005 21:45

Tgt Ion:106 Resp: 7660

Ion	Ratio	Lower	Upper
106	100		
91	171.5	191.5	231.5#

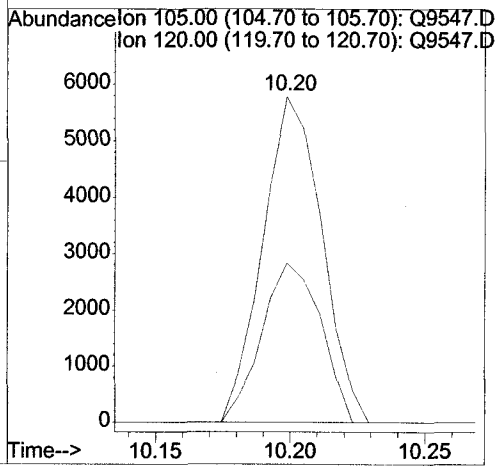




#74
C307 1,2,4-Trimethylbenzene
Concen: 3.56 ng
RT: 10.20 min Scan# 1432
Delta R.T. -0.00 min
Lab File: Q9547.D
Acq: 27 Dec 2005 21:45

Tgt Ion:105 Resp: 8833

Ion	Ratio	Lower	Upper
105	100		
120	49.1	24.2	64.2



METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.

VBLK37

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A5B2011202

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G7618.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/27/2005

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	5.0	U
71-43-2	Benzene	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon Disulfide	1.0	U
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	1.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	1.0	U
110-82-7	Cyclohexane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-59-2	cis-1,2-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
98-82-8	Isopropylbenzene	1.0	U
79-20-9	Methyl acetate	1.0	U
108-87-2	Methylcyclohexane	1.0	U
75-09-2	Methylene chloride	1.0	U

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.

VBLK37

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A5B2011202

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G7618.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/27/2005

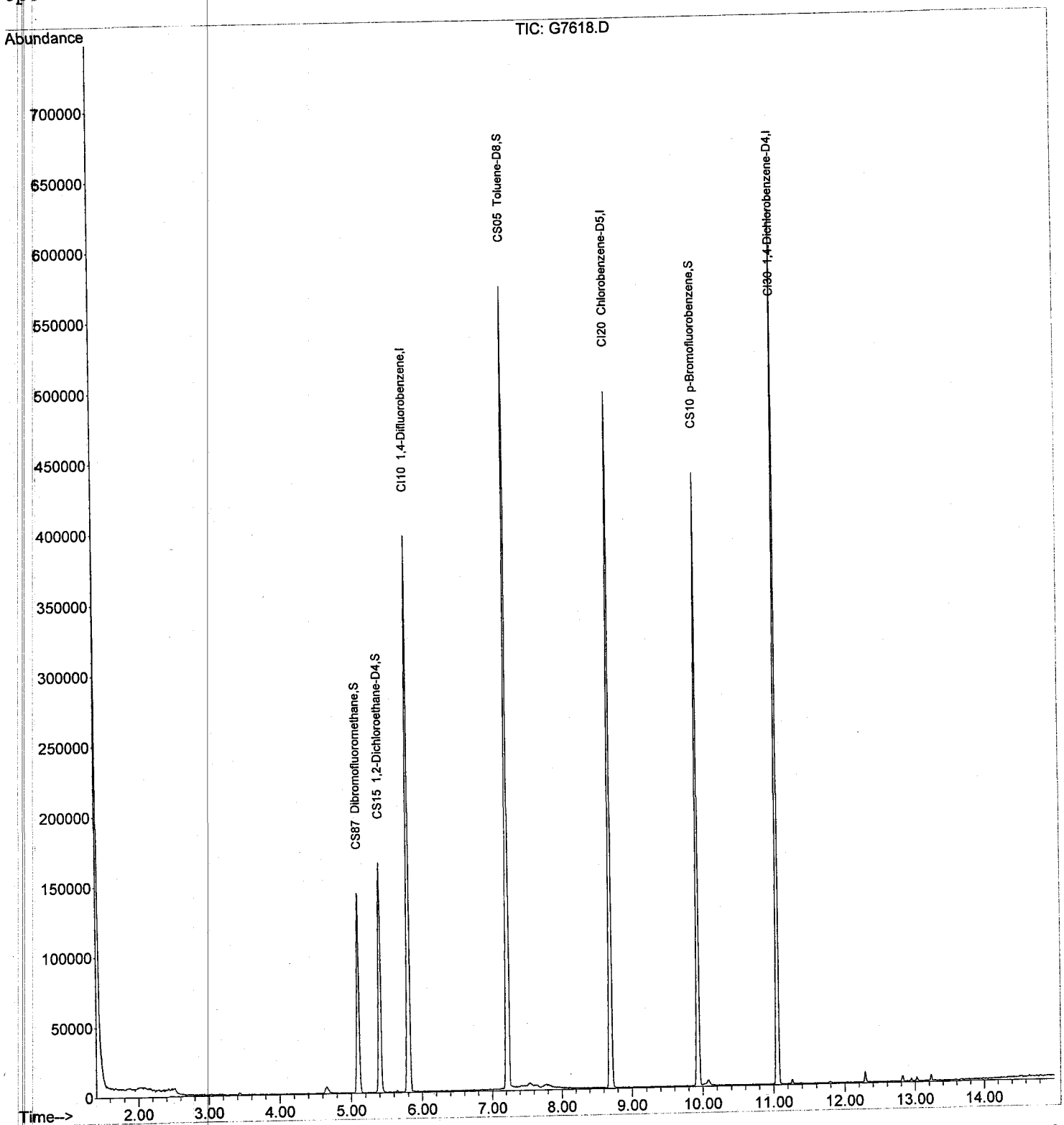
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	5.0	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	1.0	U
91-20-3	Naphthalene	1.0	U
100-42-5	Styrene	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
79-01-6	Trichloroethene	1.0	U
75-01-4	Vinyl chloride	1.0	U
1330-20-7	Total Xylenes	3.0	U

Data File: C:\MSDCHEM\1\DATA\122705\G7618.D
Acq On : 27 Dec 2005 21:51
Sample : VBLK37
Misc :
Integrator: RTE
Quant Time: Dec 27 22:08:42 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 27 21:28:27 2005
Response via : Initial Calibration
Data Path : C:\MSDCHEM\1\DATA\122705\
Operator : TLC



Quantitation Report STL Buffalo (Not Reviewed)

Data File: C:\MSDCHEM\1\DATA\122705\G7618.D
Acq On : 27 Dec 2005 21:51
Sample : VBLK37
Misc :
Integrator: RTE
Quant Time: Dec 27 22:08:42 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 27 21:28:27 2005
Response via : Initial Calibration
Data Path : C:\MSDCHEM\1\DATA\122705\
Operator : TLC

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) CI10 1,4-Difluorobenzene	5.81	114	349100	125.00 ng	0.00 99.87%
43) CI20 Chlorobenzene-D5	8.70	82	175393	125.00 ng	0.00 98.78%
63) CI30 1,4-Dichlorobenzene-	11.05	152	165543	125.00 ng	0.00 96.93%
System Monitoring Compounds					
26) CS87 Dibromofluoromethane	5.10	111	98616	112.85 NG	0.00
Spiked Amount 125.000	Range 70 - 130		Recovery = 90.28%		
31) CS15 1,2-Dichloroethane-D	5.41	65	129886	115.57 ng	0.00
Spiked Amount 125.000	Range 73 - 136		Recovery = 92.46%		
44) CS05 Toluene-D8	7.22	98	412984	116.77 ng	0.00
Spiked Amount 125.000	Range 77 - 122		Recovery = 93.42%		
62) CS10 p-Bromofluorobenzene	9.94	174	125482	115.47 ng	0.00
Spiked Amount 125.000	Range 74 - 120		Recovery = 92.38%		
Target Compounds					Qvalue
2) C290 Dichlorodifluorome	0.00	85	0		N.D.
3) C010 Chloromethane	1.59	50	131		N.D.
4) C020 Vinyl chloride	0.00	62	0		N.D.
5) C015 Bromomethane	0.00	94	0		N.D.
6) C025 Chloroethane	0.00	64	0		N.D.
7) C275 Trichlorofluoromet	0.00	101	0		N.D.
8) C045 1,1-Dichloroethene	0.00	96	0		N.D.
9) C030 Methylene chloride	3.44	84	635		N.D.
10) C040 Carbon disulfide	3.15	76	1227		N.D.
11) C036 Acrolein	2.89	56	324		N.D.
12) C038 Acrylonitrile	0.00	53	0		N.D.
13) C035 Acetone	3.03	43	1152		N.D.
14) C300 Acetonitrile	3.35	41	143		N.D.
15) C276 Iodomethane	0.00	142	0		N.D.
16) C291 1,1,2-Trichloro-1,	0.00	101	0		N.D.
17) C962 T-butyl Methyl Eth	0.00	73	0		N.D.
18) C057 trans-1,2-Dichloro	0.00	96	0		N.D.
19) C255 Methyl Acetate	0.00	43	0		N.D.
20) C050 1,1-Dichloroethane	0.00	63	0		N.D.
21) C125 Vinyl Acetate	0.00	43	0		N.D.
22) C051 2,2-Dichloropropan	0.00	77	0		N.D.
23) C056 cis-1,2-Dichloroet	0.00	96	0		N.D.
24) C272 Tetrahydrofuran	0.00	42	0		N.D.
25) C222 Bromochloromethane	0.00	128	0		N.D.
27) C060 Chloroform	0.00	83	0		N.D.
28) C115 1,1,1-Trichloroeth	0.00	97	0		N.D.
29) C120 Carbon tetrachlori	0.00	117	0		N.D.
30) C116 1,1-Dichloropropen	0.00	75	0		N.D.
32) C165 Benzene	5.45	78	57		N.D.
33) C065 1,2-Dichloroethane	0.00	62	0		N.D.
34) C110 2-Butanone	4.69	43	447		N.D.
35) C256 Cyclohexane	0.00	56	0		N.D.
36) C150 Trichloroethene	0.00	95	0		N.D.

Clear WCB 12/28/05

Data File: C:\MSDCHEM\1\DATA\122705\G7618.D
Acq On : 27 Dec 2005 21:51
Sample : VBLK37
Misc :
Integrator: RTE
Quant Time: Dec 27 22:08:42 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 27 21:28:27 2005
Response via : Initial Calibration
Data Path : C:\MSDCHEM\1\DATA\122705\
Operator : TLC

Internal Standards		R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
37) C140	1,2-Dichloropropan	0.00	63	0	N.D.	
38) C278	Dibromomethane	0.00	93	0	N.D.	
39) C130	Bromodichlorometha	0.00	83	0	N.D.	
40) C161	2-Chloroethylvinyl	6.85	63	295	N.D.	
41) C012	Methylcyclohexane	0.00	83	0	N.D.	
42) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.	
45) C230	Toluene	7.28	92	306	N.D.	
46) C170	trans-1,3-Dichloro	0.00	75	0	N.D.	
47) C284	Ethyl Methacrylate	0.00	69	0	N.D.	
48) C160	1,1,2-Trichloroeth	0.00	83	0	N.D.	
49) C210	4-Methyl-2-pentano	7.22	43	2126	N.D.	
50) C220	Tetrachloroethene	0.00	166	0	N.D.	
51) C221	1,3-Dichloropropan	0.00	76	0	N.D.	
52) C155	Dibromochlorometha	0.00	129	0	N.D.	
53) C163	1,2-Dibromoethane	0.00	107	0	N.D.	
54) C215	2-Hexanone	0.00	43	0	N.D.	
55) C235	Chlorobenzene	8.74	112	374	N.D.	
56) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.	
57) C240	Ethylbenzene	8.95	91	135	N.D.	
58) C246	m,p-Xylene	0.00	106	0	N.D.	
59) C247	o-Xylene	0.00	106	0	N.D.	
60) C245	Styrene	0.00	104	0	N.D.	
61) C180	Bromoform	0.00	173	0	N.D.	
64) C966	Isopropylbenzene	0.00	105	0	N.D.	
65) C301	Bromobenzene	0.00	156	0	N.D.	
66) C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.	
67) C282	1,2,3-Trichloropro	0.00	110	0	N.D.	
68) C283	t-1,4-Dichloro-2-B	0.00	51	0	N.D.	
69) C302	n-Propylbenzene	10.33	91	260	N.D.	
70) C303	2-Chlorotoluene	0.00	126	0	N.D.	
71) C289	4-Chlorotoluene	0.00	126	0	N.D.	
72) C304	1,3,5-Trimethylben	0.00	105	0	N.D.	
73) C306	tert-Butylbenzene	0.00	134	0	N.D.	
74) C307	1,2,4-Trimethylben	10.70	105	206	N.D.	
75) C308	sec-Butylbenzene	10.86	105	63	N.D.	
76) C260	1,3-Dichlorobenzen	0.00	146	0	N.D.	
77) C309	4-Isopropyltoluene	11.00	119	143	N.D.	
78) C267	1,4-Dichlorobenzen	0.00	146	0	N.D.	
79) C249	1,2-Dichlorobenzen	0.00	146	0	N.D.	
80) C310	n-Butylbenzene	11.39	91	459	N.D.	
81) C286	1,2-Dibromo-3-Chlo	12.29	75	387	N.D.	
82) C313	1,2,4-Trichloroben	12.82	180	1554	N.D.	
83) C316	Hexachlorobutadien	12.95	225	418	N.D.	
84) C314	Naphthalene	13.03	128	2793	N.D.	
85) C934	1,2,3-Trichloroben	13.23	180	1586	N.D.	

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

1/17/06

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.

VBLK22

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A5B2013702

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: S9693.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/28/2005

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	5.0	U
71-43-2	Benzene	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon Disulfide	1.0	U
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	1.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	1.0	U
110-82-7	Cyclohexane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-59-2	cis-1,2-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
98-82-8	Isopropylbenzene	1.0	U
79-20-9	Methyl acetate	1.0	U
108-87-2	Methylcyclohexane	1.0	U
75-09-2	Methylene chloride	1.0	U

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.

VBLK22

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A5B2013702

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: S9693.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/28/2005

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 1.00

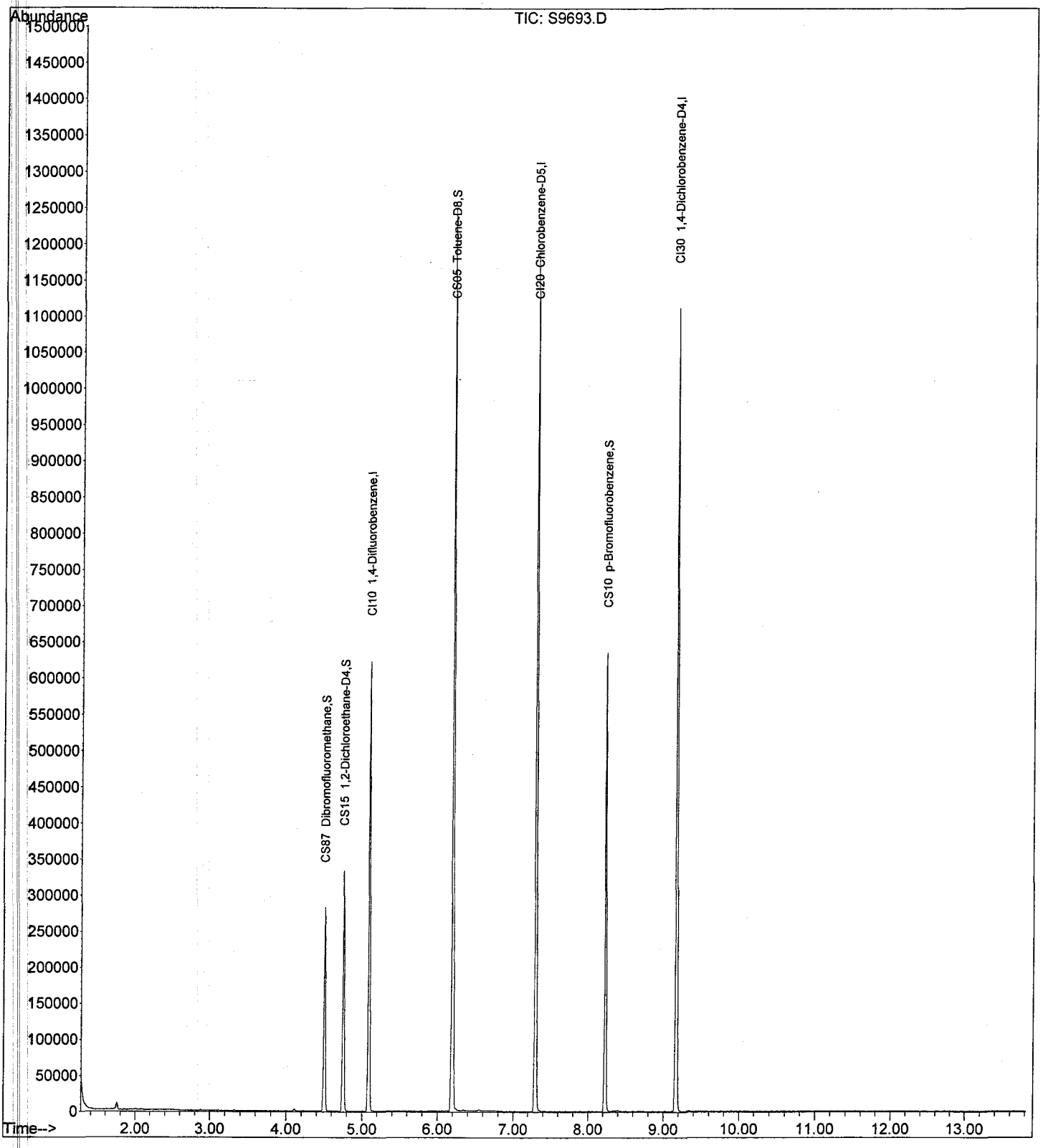
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	5.0	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	1.0	U
91-20-3	Naphthalene	1.0	U
100-42-5	Styrene	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
79-01-6	Trichloroethene	1.0	U
75-01-4	Vinyl chloride	1.0	U
1330-20-7	Total Xylenes	3.0	U

Data File : D:\DATA\122805\S9693.D
Acq On : 28 Dec 2005 9:44
Sample : VBLK22
Misc :
MS Integration Params: RTEINT.P

Vial: 4
Operator: LH
Inst : HP5973S
Multiplr: 1.00

Quant Time: Dec 28 09:58:28 2005 Results File: A5I0002442_E2.RES
Quant Method : C:\MSDCHEM\1...\A5I0002442_E2.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Dec 28 09:45:03 2005
Response via : Initial Calibration
DataAcq Meth : VOA



Quantitation Report STL Buffalo (Not Reviewed)

Data File : D:\DATA\122805\S9693.D Vial: 4
Acq On : 28 Dec 2005 9:44 Operator: LH
Sample : VBLK22 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 28 09:58:28 2005 Results File: A5I0002442_E2.RES

Quant Method : C:\MSDCHEM\1...\A5I0002442_E2.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Dec 28 09:45:03 2005
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\DATA\122805\S9691.D (28 Dec 2005 8:52)

MRC clean 12/28/05

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.09	114	375838	125.00	ng	0.00 95.82%
43) CI20	Chlorobenzene-D5	7.30	117	535567	125.00	ng	0.00 96.05%
62) CI30	1,4-Dichlorobenzene-	9.16	152	244360	125.00	ng	0.00 84.07%
System Monitoring Compounds							
30) CS87	Dibromofluoromethane	4.50	111	142258	134.11	ng	0.00
Spiked Amount	125.000	Range	70 - 130	Recovery =	107.29%		
31) CS15	1,2-Dichloroethane-D	4.75	65	152339	131.59	ng	0.00
Spiked Amount	125.000	Range	73 - 136	Recovery =	105.27%		
44) CS05	Toluene-D8	6.19	98	632972	119.31	ng	0.00
Spiked Amount	125.000	Range	77 - 122	Recovery =	95.45%		
61) CS10	p-Bromofluorobenzene	8.23	174	129693	107.65	ng	0.00
Spiked Amount	125.000	Range	74 - 120	Recovery =	86.12%		

Target Compounds					Qvalue
2) C290	Dichlorodifluorome	0.00	85	0	N.D.
3) C010	Chloromethane	0.00	50	0	N.D.
4) C020	Vinyl chloride	0.00	62	0	N.D.
5) C015	Bromomethane	1.90	94	143	N.D.
6) C025	Chloroethane	0.00	64	0	N.D.
7) C275	Trichlorofluoromet	0.00	101	0	N.D.
8) C045	1,1-Dichloroethene	0.00	96	0	N.D.
9) C030	Methylene chloride	3.12	84	290	N.D.
10) C040	Carbon disulfide	2.87	76	1161	N.D.
11) C036	Acrolein	0.00	56	0	N.D.
12) C038	Acrylonitrile	3.33	53	870	N.D.
13) C035	Acetone	2.76	43	439	N.D.
14) C300	Acetonitrile	0.00	41	0	N.D.
15) C276	Iodomethane	0.00	142	0	N.D.
16) C291	1,1,2 Trichloro-1,	0.00	101	0	N.D.
17) C962	T-butyl Methyl Eth	0.00	73	0	N.D.
18) C057	trans-1,2-Dichloro	0.00	96	0	N.D.
19) C255	Methyl Acetate	0.00	43	0	N.D.
20) C050	1,1-Dichloroethane	0.00	63	0	N.D.
21) C125	Vinyl Acetate	0.00	43	0	N.D.
22) C051	2,2-Dichloropropan	0.00	77	0	N.D.
23) C056	cis-1,2-Dichloroet	0.00	96	0	N.D.
24) C272	Tetrahydrofuran	0.00	42	0	N.D.
25) C222	Bromochloromethane	0.00	128	0	N.D.
26) C060	Chloroform	0.00	83	0	N.D.
27) C115	1,1,1-Trichloroeth	0.00	97	0	N.D.
28) C120	Carbon tetrachlori	0.00	117	0	N.D.
29) C116	1,1-Dichloropropen	0.00	75	0	N.D.
32) C165	Benzene	4.80	78	152	N.D.
33) C065	1,2-Dichloroethane	0.00	62	0	N.D.
34) C110	2-Butanone	0.00	43	0	N.D.
35) C256	Cyclohexane	0.00	56	0	N.D.
36) C150	Trichloroethene	0.00	95	0	N.D.
37) C140	1,2-Dichloropropan	0.00	63	0	N.D.
38) C278	Dibromomethane	0.00	93	0	N.D.

1/3/06

Data File : D:\DATA\122805\S9693.D Vial: 4
Acq On : 28 Dec 2005 9:44 Operator: LH
Sample : VBLK22 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 28 09:58:28 2005 Results File: A5I0002442_E2.RES

Quant Method : C:\MSDCHEM\1...\A5I0002442_E2.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Dec 28 09:45:03 2005
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\DATA\122805\S9691.D (28 Dec 2005 8:52)

Internal Standards			R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
39)	C130	Bromodichlorometha	0.00	83	0	N.D.		
40)	C161	2-Chloroethylvinyl	0.00	63	0	N.D.		
41)	C012	Methylcycolhexane	0.00	83	0	N.D.		
42)	C145	cis-1,3-Dichloropr	0.00	75	0	N.D.		
45)	C230	Toluene	6.24	92	931	N.D.		
46)	C170	trans-1,3-Dichloro	0.00	75	0	N.D.		
47)	C284	Ethyl Methacrylate	0.00	69	0	N.D.		
48)	C160	1,1,2-Trichloroeth	0.00	83	0	N.D.		
49)	C210	4-Methyl-2-pentano	6.19	43	2423	N.D.		
50)	C220	Tetrachloroethene	0.00	166	0	N.D.		
51)	C221	1,3-Dichloropropan	0.00	76	0	N.D.		
52)	C155	Dibromochlorometha	0.00	129	0	N.D.		
53)	C163	1,2-Dibromoethane	0.00	107	0	N.D.		
54)	C215	2-Hexanone	0.00	43	0	N.D.		
55)	C235	Chlorobenzene	7.32	112	2315	N.D.		
56)	C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.		
57)	C240	Ethylbenzene	7.41	91	289	N.D.		
58)	C246	m,p-Xylene	0.00	106	0	N.D.		
59)	C247	o-Xylene	0.00	106	0	N.D.		
60)	C245	Styrene	0.00	104	0	N.D.		
63)	C180	Bromoform	0.00	173	0	N.D.		
64)	C966	Isopropylbenzene	0.00	105	0	N.D.		
65)	C301	Bromobenzene	0.00	156	0	N.D.		
66)	C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.		
67)	C282	1,2,3-Trichloropro	0.00	110	0	N.D.		
68)	C283	t-1,4-Dichloro-2-B	0.00	53	0	N.D.		
69)	C302	n-Propylbenzene	8.43	91	154	N.D.		
70)	C303	2-Chlorotoluene	0.00	126	0	N.D.		
71)	C289	4-Chlorotoluene	0.00	126	0	N.D.		
72)	C304	1,3,5-Trimethylben	0.00	105	0	N.D.		
73)	C306	tert-Butylbenzene	0.00	134	0	N.D.		
74)	C307	1,2,4-Trimethylben	9.03	105	200	N.D.		
75)	C308	sec-Butylbenzene	9.03	105	200	N.D.		
76)	C260	1,3-Dichlorobenzen	9.12	146	350	N.D.		
77)	C309	4-Isopropyltoluene	9.14	119	129	N.D.		
78)	C267	1,4-Dichlorobenzen	9.19	146	683	N.D.		
79)	C249	1,2-Dichlorobenzen	0.00	146	0	N.D.		
80)	C310	n-Butylbenzene	0.00	91	0	N.D.		
81)	C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.		
82)	C313	1,2,4-Trichloroben	0.00	180	0	N.D.		
83)	C316	Hexachlorobutadien	0.00	225	0	N.D.		
84)	C314	Naphthalene	11.01	128	133	N.D.		
85)	C934	1,2,3-Trichloroben	0.00	180	0	N.D.		

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

1/13/06

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.

VBLK23

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A5B2015902

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: S9721.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/28/2005

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	5.0	U
71-43-2	Benzene	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon Disulfide	1.0	U
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	1.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	1.0	U
110-82-7	Cyclohexane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-59-2	cis-1,2-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
98-82-8	Isopropylbenzene	1.0	U
79-20-9	Methyl acetate	1.0	U
108-87-2	Methylcyclohexane	1.0	U
75-09-2	Methylene chloride	1.0	U

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.

VBLK23

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A5B2015902

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: S9721.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/28/2005

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

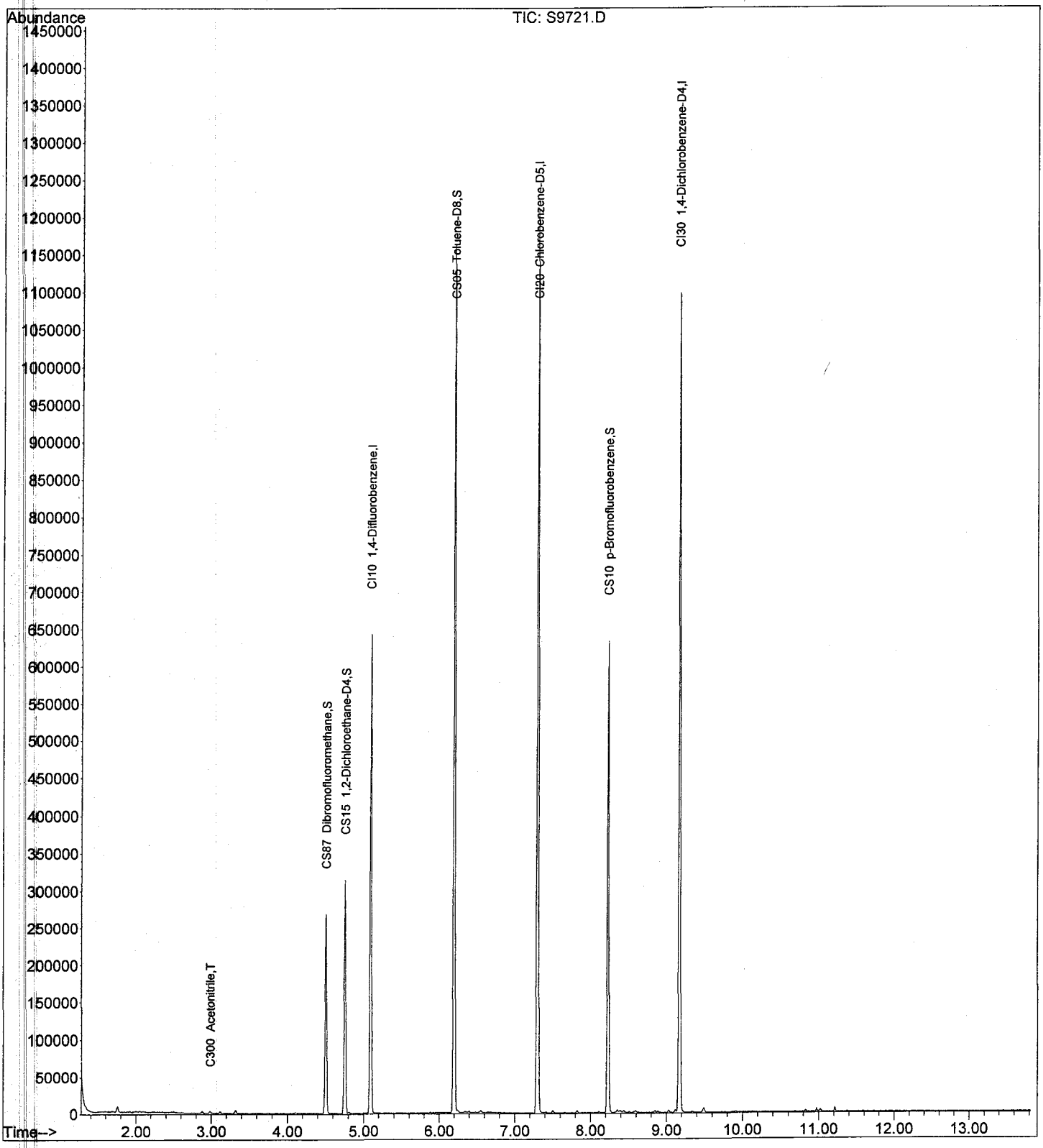
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	5.0	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	1.0	U
91-20-3	Naphthalene	1.0	U
100-42-5	Styrene	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
79-01-6	Trichloroethene	1.0	U
75-01-4	Vinyl chloride	1.0	U
1330-20-7	Total Xylenes	3.0	U

Quantitation Report STL Buffalo (Not Reviewed)

Data File : D:\DATA\122805\S9721.D
Acq On : 28 Dec 2005 20:59
Sample : VBLK23
Misc :
MS Integration Params: RTEINT.P

Vial: 27
Operator: TLC
Inst : HP5973S
Multiplr: 1.00

Quant Time: Dec 28 21:14:31 2005 Results File: A5I0002442_E2.RES
Quant Method : C:\MSDCHEM\1...\A5I0002442_E2.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Dec 28 20:05:16 2005
Response via : Initial Calibration
DataAcq Meth : VOA



Quantitation Report STL Buffalo (Not Reviewed)

Data File : D:\DATA\122805\S9721.D
Acq On : 28 Dec 2005 20:59
Sample : VBLK23
Misc :
MS Integration Params: RTEINT.P
Quant Time: Dec 28 21:14:31 2005

Vial: 27
Operator: TLC
Inst : HP5973S
Multiplr: 1.00
Results File: A5I0002442_E2.RES

Quant Method : C:\MSDCHEM\1...\A5I0002442_E2.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Dec 28 20:05:16 2005
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\DATA\122805\S9718.D (28 Dec 2005 19:47)

NO ARM NO TIC STB 12/29/05

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.09	114	382802	125.00	ng	0.00 98.74%
43) CI20	Chlorobenzene-D5	7.30	117	544736	125.00	ng	0.00 97.65%
62) CI30	1,4-Dichlorobenzene-	9.17	152	253992	125.00	ng	0.00 85.99%
System Monitoring Compounds							
30) CS87	Dibromofluoromethane	4.50	111	135114	125.05	ng	0.00
Spiked Amount	125.000	Range	70 - 130	Recovery	=	100.04%	
31) CS15	1,2-Dichloroethane-D	4.75	65	145205	123.14	ng	0.00
Spiked Amount	125.000	Range	73 - 136	Recovery	=	98.51%	
44) CS05	Toluene-D8	6.20	98	603269	111.80	ng	0.00
Spiked Amount	125.000	Range	77 - 122	Recovery	=	89.44%	
61) CS10	p-Bromofluorobenzene	8.23	174	123641	100.90	ng	0.00
Spiked Amount	125.000	Range	74 - 120	Recovery	=	80.72%	

Target Compounds							Qvalue
2) C290	Dichlorodifluorome	0.00	85	0	N.D.		
3) C010	Chloromethane	1.49	50	142	N.D.		
4) C020	Vinyl chloride	0.00	62	0	N.D.		
5) C015	Bromomethane	0.00	94	0	N.D.		
6) C025	Chloroethane	0.00	64	0	N.D.		
7) C275	Trichlorofluoromet	0.00	101	0	N.D.		
8) C045	1,1-Dichloroethene	0.00	96	0	N.D.		
9) C030	Methylene chloride	3.11	84	1034	N.D.		
10) C040	Carbon disulfide	2.88	76	3408	N.D.		
11) C036	Acrolein	2.61	56	324	N.D.		
12) C038	Acrylonitrile	3.32	53	2807	N.D.		
13) C035	Acetone	2.76	43	513	N.D.		
14) C300	Acetonitrile	2.98	41	2787	12.44	ng #	61
15) C276	Iodomethane	2.83	142	136	N.D.		
16) C291	1,1,2 Trichloro-1,	0.00	101	0	N.D.		
17) C962	T-butyl Methyl Eth	0.00	73	0	N.D.		
18) C057	trans-1,2-Dichloro	0.00	96	0	N.D.		
19) C255	Methyl Acetate	3.06	43	169	N.D.		
20) C050	1,1-Dichloroethane	0.00	63	0	N.D.		
21) C125	Vinyl Acetate	3.76	43	760	N.D.		
22) C051	2,2-Dichloropropan	0.00	77	0	N.D.		
23) C056	cis-1,2-Dichloroet	0.00	96	0	N.D.		
24) C272	Tetrahydrofuran	0.00	42	0	N.D.		
25) C222	Bromochloromethane	0.00	128	0	N.D.		
26) C060	Chloroform	4.38	83	259	N.D.		
27) C115	1,1,1-Trichloroeth	0.00	97	0	N.D.		
28) C120	Carbon tetrachlori	0.00	117	0	N.D.		
29) C116	1,1-Dichloropropen	0.00	75	0	N.D.		
32) C165	Benzene	4.81	78	1845	N.D.		
33) C065	1,2-Dichloroethane	0.00	62	0	N.D.		
34) C110	2-Butanone	4.17	43	131	N.D.		
35) C256	Cyclohexane	0.00	56	0	N.D.		
36) C150	Trichloroethene	0.00	95	0	N.D.		
37) C140	1,2-Dichloropropan	0.00	63	0	N.D.		
38) C278	Dibromomethane	0.00	93	0	N.D.		

1/13/06

Quantitation Report STL Buffalo (Not Reviewed)

Data File : D:\DATA\122805\S9721.D Vial: 27
Acq On : 28 Dec 2005 20:59 Operator: TLC
Sample : VBLK23 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 28 21:14:31 2005 Results File: A5I0002442_E2.RES

Quant Method : C:\MSDCHEM\1...\A5I0002442_E2.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Dec 28 20:05:16 2005
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\DATA\122805\S9718.D (28 Dec 2005 19:47)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
39) C130	Bromodichlorometha	0.00	83	0	N.D.		
40) C161	2-Chloroethylvinyl	5.89	63	565	N.D.		
41) C012	Methylcycolhexane	0.00	83	0	N.D.		
42) C145	cis-1,3-Dichloropr	5.98	75	512	N.D.		
45) C230	Toluene	6.24	92	382	N.D.		
46) C170	trans-1,3-Dichloro	6.40	75	507	N.D.		
47) C284	Ethyl Methacrylate	0.00	69	0	N.D.		
48) C160	1,1,2-Trichloroeth	0.00	83	0	N.D.		
49) C210	4-Methyl-2-pentano	6.10	43	289	N.D.		
50) C220	Tetrachloroethene	0.00	166	0	N.D.		
51) C221	1,3-Dichloropropan	6.67	76	146	N.D.		
52) C155	Dibromochlorometha	0.00	129	0	N.D.		
53) C163	1,2-Dibromoethane	6.93	107	160	N.D.		
54) C215	2-Hexanone	0.00	43	0	N.D.		
55) C235	Chlorobenzene	7.32	112	1825	N.D.		
56) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.		
57) C240	Ethylbenzene	7.41	91	1149	N.D.		
58) C246	m,p-Xylene	7.51	106	830	N.D.		
59) C247	o-Xylene	7.81	106	283	N.D.		
60) C245	Styrene	7.83	104	1002	N.D.		
63) C180	Bromoform	0.00	173	0	N.D.		
64) C966	Isopropylbenzene	8.11	105	1409	N.D.		
65) C301	Bromobenzene	8.36	156	634	N.D.		
66) C225	1,1,2,2-Tetrachlor	8.33	83	136	N.D.		
67) C282	1,2,3-Trichloropro	0.00	110	0	N.D.		
68) C283	t-1,4-Dichloro-2-B	8.37	53	313	N.D.		
69) C302	n-Propylbenzene	8.44	91	2442	N.D.		
70) C303	2-Chlorotoluene	8.51	126	297	N.D.		
71) C289	4-Chlorotoluene	8.61	126	647	N.D.		
72) C304	1,3,5-Trimethylben	8.59	105	1191	N.D.		
73) C306	tert-Butylbenzene	8.85	134	326	N.D.		
74) C307	1,2,4-Trimethylben	8.89	105	1385	N.D.		
75) C308	sec-Butylbenzene	9.02	105	2872	N.D.		
76) C260	1,3-Dichlorobenzen	9.12	146	1907	N.D.		
77) C309	4-Isopropyltoluene	9.15	119	2237	N.D.		
78) C267	1,4-Dichlorobenzen	9.19	146	2537	N.D.		
79) C249	1,2-Dichlorobenzen	9.50	146	1665	N.D.		
80) C310	n-Butylbenzene	9.48	91	2743	N.D.		
81) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.		
82) C313	1,2,4-Trichloroben	10.83	180	1145	N.D.		
83) C316	Hexachlorobutadien	10.97	225	770	N.D.		
84) C314	Naphthalene	11.02	128	4120	N.D.		
85) C934	1,2,3-Trichloroben	11.21	180	1582	N.D.		

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

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.

MSB21

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A5B2007601

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: S9656.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/27/2005

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	5.0	U
71-43-2	Benzene	29	
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon Disulfide	1.0	U
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	27	
75-00-3	Chloroethane	1.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	1.0	U
110-82-7	Cyclohexane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	32	
156-59-2	cis-1,2-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
98-82-8	Isopropylbenzene	1.0	U
79-20-9	Methyl acetate	1.0	U
108-87-2	Methylcyclohexane	1.0	U
75-09-2	Methylene chloride	0.56	J

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.: MSB21

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A5B2007601

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: S9656.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/27/2005

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 1.00

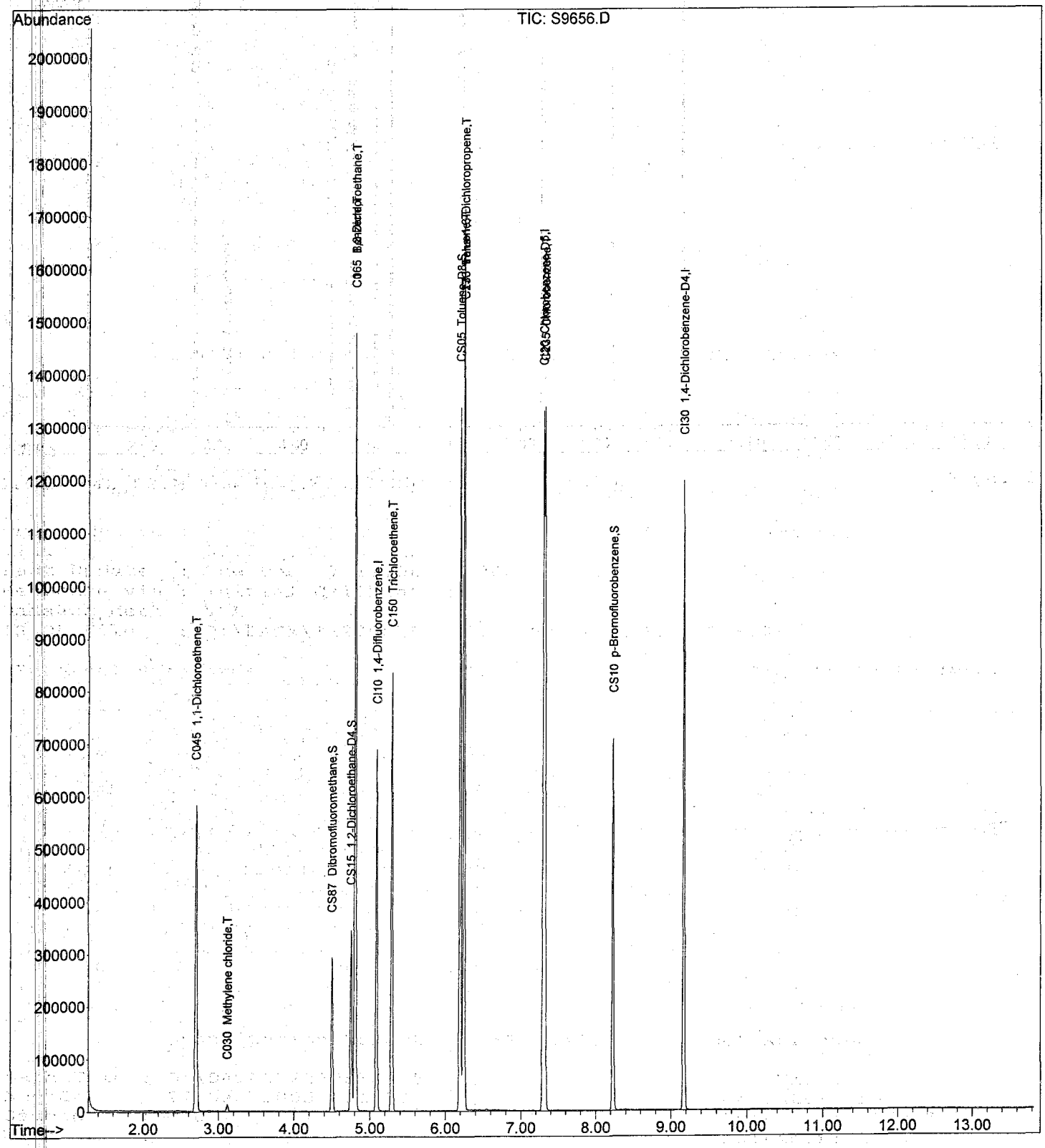
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	5.0	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	1.0	U
91-20-3	Naphthalene	1.0	U
100-42-5	Styrene	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	28	
120-82-1	1,2,4-Trichlorobenzene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
79-01-6	Trichloroethene	29	
75-01-4	Vinyl chloride	1.0	U
1330-20-7	Total Xylenes	3.0	U

Data File : D:\DATA\122705\S9656.D
Acq On : 27 Dec 2005 11:54
Sample : MSB
Misc :
MS Integration Params: RTEINT.P

Vial: 6
Operator: LH
Inst : HP5973S
Multiplr: 1.00

Quant Time: Dec 27 12:25:04 2005 Results File: A5I0002442_E2.RES
Quant Method : C:\MSDCHEM\1...\A5I0002442_E2.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Tue Dec 27 11:08:38 2005
Response via : Initial Calibration
DataAcq Meth : VOA



Data File : D:\DATA\122705\S9656.D Vial: 6
Acq On : 27 Dec 2005 11:54 Operator: LH
Sample : MSB Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 27 12:25:04 2005 Results File: A5I0002442_E2.RES

Quant Method : C:\MSDCHEM\1...\A5I0002442_E2.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Tue Dec 27 11:08:38 2005
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\DATA\122705\S9652.D (27 Dec 2005 10:13)

SB 12/27/05 TLC

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.09	114	425062	125.00	ng	0.00 96.38%
43) CI20	Chlorobenzene-D5	7.30	117	567286	125.00	ng	0.00 94.47%
62) CI30	1,4-Dichlorobenzene-	9.16	152	268030	125.00	ng	0.00 90.11%
System Monitoring Compounds							
30) CS87	Dibromofluoromethane	4.50	111	150868	125.75	ng	0.00
Spiked Amount	125.000	Range	70 - 130	Recovery	=	100.60%	
31) CS15	1,2-Dichloroethane-D	4.75	65	161652	123.46	ng	0.00
Spiked Amount	125.000	Range	73 - 136	Recovery	=	98.77%	
44) CS05	Toluene-D8	6.19	98	677800	120.62	ng	0.00
Spiked Amount	125.000	Range	77 - 122	Recovery	=	96.50%	
61) CS10	p-Bromofluorobenzene	8.23	174	142127	111.38	ng	0.00
Spiked Amount	125.000	Range	74 - 120	Recovery	=	89.10%	

Target Compounds							Qvalue
2) C290	Dichlorodifluorome	0.00	85	0	N.D.		
3) C010	Chloromethane	0.00	50	0	N.D.		
4) C020	Vinyl chloride	0.00	62	0	N.D.		
5) C015	Bromomethane	0.00	94	0	N.D.		
6) C025	Chloroethane	0.00	64	0	N.D.		
7) C275	Trichlorofluoromet	0.00	101	0	N.D.		
8) C045	1,1-Dichloroethene	2.70	96	211412	159.75	ng #	88
9) C030	Methylene chloride	3.12	84	4957	2.82	ng #	74
10) C040	Carbon disulfide	2.88	76	1686	N.D.		
11) C036	Acrolein	0.00	56	0	N.D.		
12) C038	Acrylonitrile	3.33	53	320	N.D.		
13) C035	Acetone	2.75	43	537	N.D.		
14) C300	Acetonitrile	2.98	41	277	N.D.		
15) C276	Iodomethane	0.00	142	0	N.D.		
16) C291	1,1,2 Trichloro-1,	2.70	101	132	N.D.		
17) C962	T-butyl Methyl Eth	0.00	73	0	N.D.		
18) C057	trans-1,2-Dichloro	0.00	96	0	N.D.		
19) C255	Methyl Acetate	0.00	43	0	N.D.		
20) C050	1,1-Dichloroethane	0.00	63	0	N.D.		
21) C125	Vinyl Acetate	0.00	43	0	N.D.		
22) C051	2,2-Dichloropropan	0.00	77	0	N.D.		
23) C056	cis-1,2-Dichloroet	0.00	96	0	N.D.		
24) C272	Tetrahydrofuran	0.00	42	0	N.D.		
25) C222	Bromochloromethane	0.00	128	0	N.D.		
26) C060	Chloroform	0.00	83	0	N.D.		
27) C115	1,1,1-Trichloroeth	0.00	97	0	N.D.		
28) C120	Carbon tetrachlori	0.00	117	0	N.D.		
29) C116	1,1-Dichloropropen	0.00	75	0	N.D.		
32) C165	Benzene	4.80	78	950299	145.47	ng	100
33) C065	1,2-Dichloroethane	4.80	62	6813	4.00	ng #	1
34) C110	2-Butanone	0.00	43	0	N.D.		
35) C256	Cyclohexane	0.00	56	0	N.D.		
36) C150	Trichloroethene	5.29	95	217261	144.43	ng	97
37) C140	1,2-Dichloropropan	0.00	63	0	N.D.		
38) C278	Dibromomethane	0.00	93	0	N.D.		

mrs 1/3/2006

Quantitation Report STL Buffalo (Not Reviewed)

Data File : D:\DATA\122705\S9656.D Vial: 6
Acq On : 27 Dec 2005 11:54 Operator: LH
Sample : MSB Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 27 12:25:04 2005 Results File: A5I0002442_E2.RES

Quant Method : C:\MSDCHEM\1...\A5I0002442_E2.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Tue Dec 27 11:08:38 2005
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\DATA\122705\S9652.D (27 Dec 2005 10:13)

	Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
39)	C130	Bromodichlorometha	0.00	83	0	N.D.			
40)	C161	2-Chloroethylvinyl	0.00	63	0	N.D.			
41)	C012	Methylcycolhexane	0.00	83	0	N.D.			
42)	C145	cis-1,3-Dichloropr	0.00	75	0	N.D.			
45)	C230	Toluene	6.24	92	588622	141.17	ng		94
46)	C170	trans-1,3-Dichloropr	6.24	75	4803	2.70	ng	#	51
47)	C284	Ethyl Methacrylate	0.00	69	0	N.D.			
48)	C160	1,1,2-Trichloroeth	0.00	83	0	N.D.			
49)	C210	4-Methyl-2-pentano	6.19	43	3011	N.D.			
50)	C220	Tetrachloroethene	0.00	166	0	N.D.			
51)	C221	1,3-Dichloropropan	0.00	76	0	N.D.			
52)	C155	Dibromochlorometha	0.00	129	0	N.D.			
53)	C163	1,2-Dibromoethane	0.00	107	0	N.D.			
54)	C215	2-Hexanone	0.00	43	0	N.D.			
55)	C235	Chlorobenzene	7.32	112	586741	135.55	ng		99
56)	C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.			
57)	C240	Ethylbenzene	7.41	91	189	N.D.			
58)	C246	m,p-Xylene	7.50	106	166	N.D.			
59)	C247	o-Xylene	0.00	106	0	N.D.			
60)	C245	Styrene	0.00	104	0	N.D.			
63)	C180	Bromoform	0.00	173	0	N.D.			
64)	C966	Isopropylbenzene	0.00	105	0	N.D.			
65)	C301	Bromobenzene	0.00	156	0	N.D.			
66)	C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.			
67)	C282	1,2,3-Trichloropro	0.00	110	0	N.D.			
68)	C283	t-1,4-Dichloro-2-B	0.00	53	0	N.D.			
69)	C302	n-Propylbenzene	8.60	91	276	N.D.			
70)	C303	2-Chlorotoluene	0.00	126	0	N.D.			
71)	C289	4-Chlorotoluene	0.00	126	0	N.D.			
72)	C304	1,3,5-Trimethylben	0.00	105	0	N.D.			
73)	C306	tert-Butylbenzene	0.00	134	0	N.D.			
74)	C307	1,2,4-Trimethylben	0.00	105	0	N.D.			
75)	C308	sec-Butylbenzene	0.00	105	0	N.D.			
76)	C260	1,3-Dichlorobenzen	9.12	146	132	N.D.			
77)	C309	4-Isopropyltoluene	0.00	119	0	N.D.			
78)	C267	1,4-Dichlorobenzen	9.18	146	388	N.D.			
79)	C249	1,2-Dichlorobenzen	9.49	146	142	N.D.			
80)	C310	n-Butylbenzene	0.00	91	0	N.D.			
81)	C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.			
82)	C313	1,2,4-Trichloroben	0.00	180	0	N.D.			
83)	C316	Hexachlorobutadien	0.00	225	0	N.D.			
84)	C314	Naphthalene	0.00	128	0	N.D.			
85)	C934	1,2,3-Trichloroben	0.00	180	0	N.D.			

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

1/13/2006

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.

MSB40

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A5B2009801

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q9546.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/27/2005

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	5.0	U
71-43-2	Benzene	27	
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon Disulfide	1.0	U
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	27	
75-00-3	Chloroethane	1.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	1.0	U
110-82-7	Cyclohexane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	29	
156-59-2	cis-1,2-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	0.60	J
591-78-6	2-Hexanone	5.0	U
98-82-8	Isopropylbenzene	0.42	J
79-20-9	Methyl acetate	1.0	U
108-87-2	Methylcyclohexane	1.1	
75-09-2	Methylene chloride	1.0	U

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.: MSB40

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A5B2009801

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q9546.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/27/2005

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

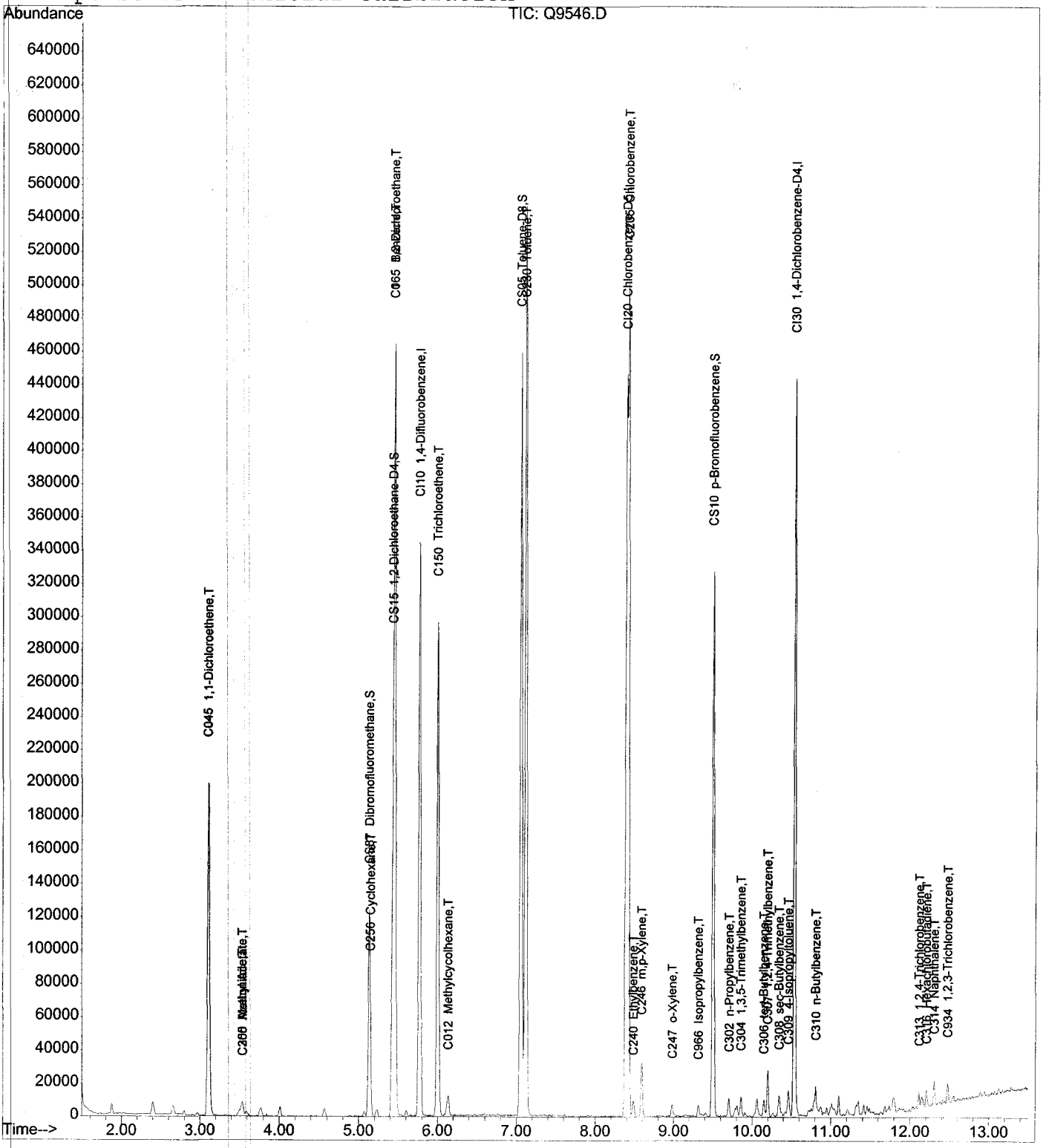
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	5.0	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	1.0	U
91-20-3	Naphthalene	0.93	J
100-42-5	Styrene	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	27	
120-82-1	1,2,4-Trichlorobenzene	0.77	J
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
79-01-6	Trichloroethene	26	
75-01-4	Vinyl chloride	1.0	U
1330-20-7	Total Xylenes	2.2	BJ

Quantitation Report

Data File : C:\HPCHEM\1\DATA\122705\Q9546.D Vial: 29
Acq On : 27 Dec 2005 21:17 Operator: TLC
Sample : MSB Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 27 21:32 2005 Quant Results File: A5I02444.RES

Method : C:\HPCHEM\1\METHODS\Q8260\A5I02444.M (RTE Integrator)
Title : 8260 5ML
Last Update : Tue Dec 27 20:57:50 2005
Response via : Initial Calibration



Quantitation Report STL Buffalo

Data File : C:\HPCHEM\1\DATA\122705\Q9546.D Vial: 29
Acq On : 27 Dec 2005 21:17 Operator: TLC
Sample : MSB Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 27 21:32 2005 Quant Results File: A5I02444.RES

Quant Method : C:\HPCHEM\1...\A5I02444.M (RTE Integrator)
Title : 8260 5ML
Last Update : Tue Dec 27 20:57:50 2005
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : C:\HPCHEM\1\DATA\122705\Q9545.D (27 Dec 2005 20:40)

GC/MS 12/28/05 for [illegible]

Internal Standards		R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.77	114	285218	125.00 ng	0.00 98.97%
43) CI20	Chlorobenzene-D5	8.39	117	249415	125.00 ng	0.00 98.89%
62) CI30	1,4-Dichlorobenzene-	10.53	152	117928	125.00 ng	0.00 93.55%
System Monitoring Compounds						
30) CS87	Dibromofluoromethane	5.14	111	74884	120.65 ng	0.00
Spiked Amount	125.000	Range	70 - 130	Recovery =	96.52%	
31) CS15	1,2-Dichloroethane-D	5.43	65	85461	118.43 ng	0.00
Spiked Amount	125.000	Range	72 - 143	Recovery =	94.74%	
44) CS05	Toluene-D8	7.05	98	308084	125.04 ng	0.00
Spiked Amount	125.000	Range	76 - 116	Recovery =	100.03%	
61) CS10	p-Bromofluorobenzene	9.50	174	101801	128.23 ng	0.00
Spiked Amount	125.000	Range	73 - 117	Recovery =	102.58%	
Target Compounds						Qvalue
2) C290	Dichlorodifluorometh	0.00	85	0	N.D.	
3) C010	Chloromethane	0.00	50	0	N.D.	
4) C020	Vinyl chloride	0.00	62	0	N.D.	
5) C015	Bromomethane	0.00	94	0	N.D.	
6) C025	Chloroethane	0.00	64	0	N.D.	
7) C275	Trichlorofluorometha	0.00	101	0	N.D.	
8) C045	1,1-Dichloroethene	3.11	96	81883	145.87 ng	92
9) C030	Methylene chloride	3.59	84	1112	N.D.	
10) C040	Carbon disulfide	3.32	76	497	N.D.	
11) C036	Acrolein	0.00	56	0	N.D.	
12) C038	Acrylonitrile	3.84	53	450	N.D.	
13) C035	Acetone	3.21	43	422	N.D.	
~~14) C300~~	~~Acetonitrile~~	~~3.54~~	~~41~~	~~6088~~	~~47.81 ng~~	~~# 29~~
15) C276	Iodomethane	0.00	142	0	N.D.	
16) C291	1,1,2 Trichloro-1,2,	0.00	101	0	N.D.	
17) C962	T-butyl Methyl Ether	0.00	73	0	N.D.	
18) C057	trans-1,2-Dichloroet	0.00	96	0	N.D.	
~~19) C255~~	~~Methyl Acetate~~	~~3.54~~	~~43~~	~~8395~~	~~8.59 ng~~	~~# 55~~
20) C050	1,1-Dichloroethane	0.00	63	0	N.D.	
21) C125	Vinyl Acetate	0.00	43	0	N.D.	
22) C051	2,2-Dichloropropane	0.00	77	0	N.D.	

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

11/9/2006

Quantitation Report STL Buffalo

Data File : C:\HPCHEM\1\DATA\122705\Q9546.D Vial: 29
Acq On : 27 Dec 2005 21:17 Operator: TLC
Sample : MSB Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 27 21:32 2005 Quant Results File: A5I02444.RES

Quant Method : C:\HPCHEM\1...\A5I02444.M (RTE Integrator)
Title : 8260 5ML
Last Update : Tue Dec 27 20:57:50 2005
Response via : Initial Calibration
DataAcq Meth : VOA

	Compound		R.T.	QIon	Response	Conc Unit		Qvalue
23)	C056	cis-1,2-Dichloroethe	0.00	96	0	N.D.		
24)	C272	Tetrahydrofuran	5.07	42	431	N.D.		
25)	C222	Bromochloromethane	0.00	128	0	N.D.		
26)	C060	Chloroform	0.00	83	0	N.D.		
27)	C115	1,1,1-Trichloroethan	0.00	97	0	N.D.		
28)	C120	Carbon tetrachloride	0.00	117	0	N.D.		
29)	C116	1,1-Dichloropropene	0.00	75	0	N.D.		
32)	C165	Benzene	5.45	78	384176	136.09 ng		100
33)	C065	1,2-Dichloroethane	5.45	62	2734	2.88 ng	#	1
34)	C110	2-Butanone	0.00	43	0	N.D.		
35)	C256	Cyclohexane	5.15	56	3854	4.13 ng	#	60
36)	C150	Trichloroethene	6.00	95	91768	132.99 ng	#	70
37)	C140	1,2-Dichloropropane	0.00	63	0	N.D.		
38)	C278	Dibromomethane	0.00	93	0	N.D.		
39)	C130	Bromodichloromethane	0.00	83	0	N.D.		
40)	C161	2-Chloroethylvinyl E	0.00	63	0	N.D.		
41)	C012	Methylcycolhexane	6.13	83	5075	5.57 ng		90
42)	C145	cis-1,3-Dichloroprop	0.00	75	0	N.D.		
45)	C230	Toluene	7.11	92	241704	136.29 ng		95
46)	C170	trans-1,3-Dichloropr	0.00	75	0	N.D.		
47)	C284	Ethyl Methacrylate	0.00	69	0	N.D.		
48)	C160	1,1,2-Trichloroethan	0.00	83	0	N.D.		
49)	C210	4-Methyl-2-pentanone	7.05	43	1136	N.D.		
50)	C220	Tetrachloroethene	7.61	166	285	N.D.		
51)	C221	1,3-Dichloropropane	0.00	76	0	N.D.		
52)	C155	Dibromochloromethane	0.00	129	0	N.D.		
53)	C163	1,2-Dibromoethane	0.00	107	0	N.D.		
54)	C215	2-Hexanone	0.00	43	0	N.D.		
55)	C235	Chlorobenzene	8.42	112	276497	135.43 ng		91
56)	C281	1,1,1,2-Tetrachloroe	0.00	131	0	N.D.		
57)	C240	Ethylbenzene	8.48	91	9085	3.00 ng		95
58)	C246	m,p-Xylene	8.59	106	11353	8.93 ng	#	79
59)	C247	o-Xylene	8.98	106	2802	2.24 ng	#	81
60)	C245	Styrene	0.00	104	0	N.D.		
63)	C180	Bromoform	0.00	173	0	N.D.		
64)	C966	Isopropylbenzene	9.32	105	6197	2.12 ng		93
65)	C301	Bromobenzene	0.00	156	0	N.D.		
66)	C225	1,1,2,2-Tetrachloroe	0.00	83	0	N.D.		
67)	C282	1,2,3-Trichloropropa	0.00	110	0	N.D.		
68)	C283	t-1,4-Dichloro-2-But	9.71	51	130	N.D.		
69)	C302	n-Propylbenzene	9.71	91	10289	2.98 ng		77

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

1/19/06

Quantitation Report STL Buffalo

Data File : C:\HPCHEM\1\DATA\122705\Q9546.D Vial: 29
Acq On : 27 Dec 2005 21:17 Operator: TLC
Sample : MSB Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 27 21:32 2005 Quant Results File: A5I02444.RES

Quant Method : C:\HPCHEM\1...\A5I02444.M (RTE Integrator)
Title : 8260 5ML
Last Update : Tue Dec 27 20:57:50 2005
Response via : Initial Calibration
DataAcq Meth : VOA

	Compound		R.T.	QIon	Response	Conc Unit		Qvalue
70)	C303	2-Chlorotoluene	9.81	126	570	N.D.		
71)	C289	4-Chlorotoluene	9.81	126	570	N.D.		
72)	C304	1,3,5-Trimethylbenze	9.86	105	8914	3.74 ng	#	48
73)	C306	tert-Butylbenzene	10.15	134	1830	3.27 ng		100
74)	C307	1,2,4-Trimethylbenze	10.20	105	16948	6.97 ng		96
75)	C308	sec-Butylbenzene	10.34	105	10769	3.75 ng		96
76)	C260	1,3-Dichlorobenzene	10.48	146	2247	N.D.		
77)	C309	4-Isopropyltoluene	10.46	119	9271	3.53 ng		100
78)	C267	1,4-Dichlorobenzene	10.56	146	2025	N.D.		
79)	C249	1,2-Dichlorobenzene	10.87	146	1739	N.D.		
80)	C310	n-Butylbenzene	10.81	91	9727	4.52 ng		74
81)	C286	1,2-Dibromo-3-Chloro	0.00	75	0	N.D.		
82)	C313	1,2,4-Trichlorobenze	12.11	180	3718	3.86 ng		93
83)	C316	Hexachlorobutadiene	12.20	225	2244	6.67 ng		99
84)	C314	Naphthalene	12.30	128	12290	4.67 ng		100
85)	C934	1,2,3-Trichlorobenze	12.47	180	3944	4.39 ng		91

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

11/13/06

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.: MSB37

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A5B2011201

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G7617.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/27/2005

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	5.0	U
71-43-2	Benzene	26	
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon Disulfide	1.0	U
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	26	
75-00-3	Chloroethane	1.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	1.0	U
110-82-7	Cyclohexane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	26	
156-59-2	cis-1,2-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
98-82-8	Isopropylbenzene	1.0	U
79-20-9	Methyl acetate	1.0	U
108-87-2	Methylcyclohexane	1.0	U
75-09-2	Methylene chloride	1.0	U

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.

MSB37

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A5B2011201

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G7617.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/27/2005

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

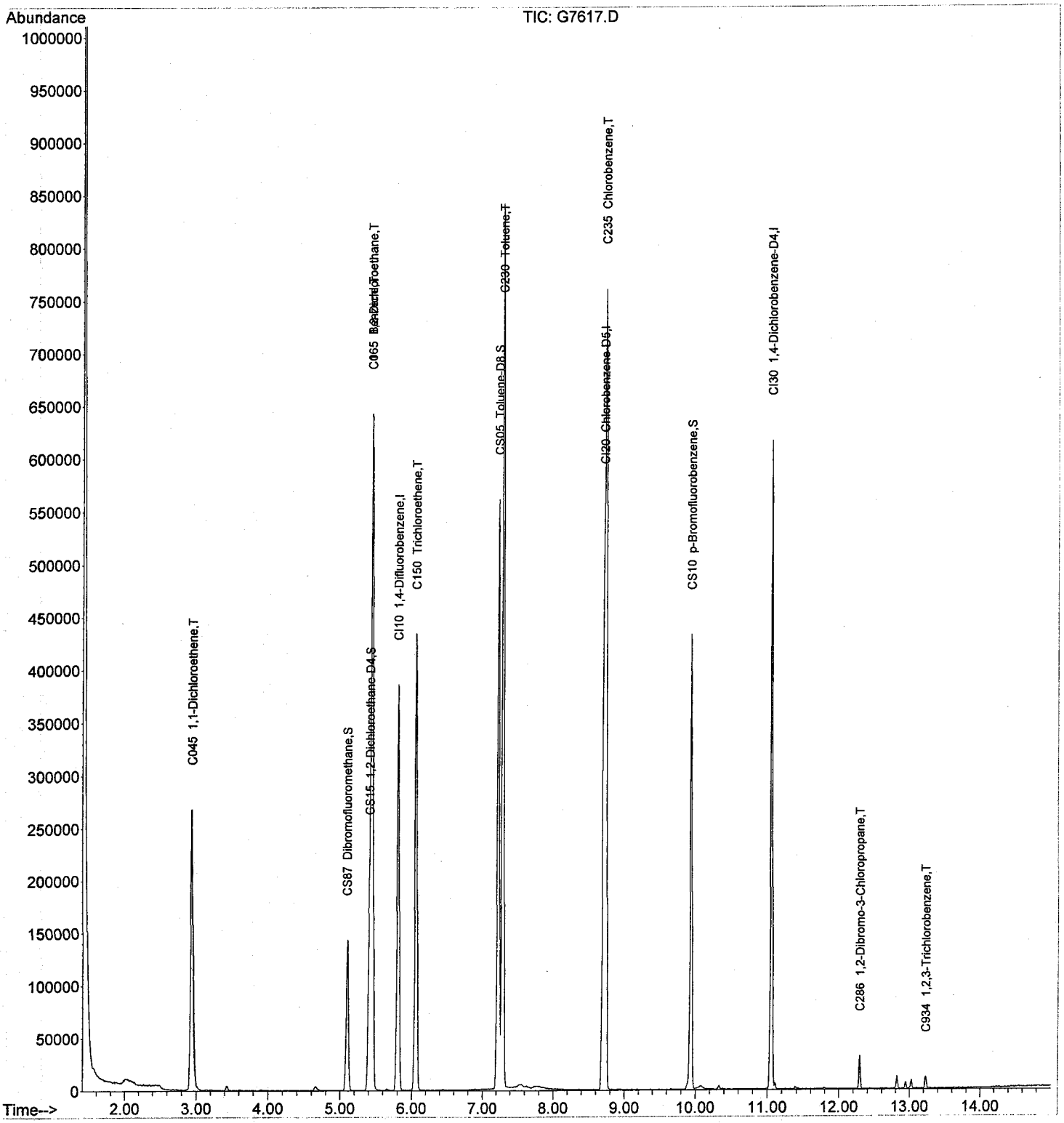
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	5.0	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	1.0	U
91-20-3	Naphthalene	1.0	U
100-42-5	Styrene	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	26	
120-82-1	1,2,4-Trichlorobenzene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
79-01-6	Trichloroethene	25	
75-01-4	Vinyl chloride	1.0	U
1330-20-7	Total Xylenes	3.0	U

Quantitation Report STL Buffalo (Not Reviewed)

Data File: C:\MSDCHEM\1\DATA\122705\G7617.D
Acq On : 27 Dec 2005 21:29
Sample : MSB
Misc :
Integrator: RTE
Quant Time: Dec 27 21:48:15 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 27 21:28:27 2005
Response via : Initial Calibration
Data Path : C:\MSDCHEM\1\DATA\122705\
Operator : TLC



Quantitation Report STL Buffalo (Not Reviewed)

Data File: C:\MSDCHEM\1\DATA\122705\G7617.D
Acq On : 27 Dec 2005 21:29
Sample : MSB
Misc :
Integrator: RTE
Quant Time: Dec 27 21:48:15 2005

OK

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 27 21:28:27 2005
Response via : Initial Calibration
Data Path : C:\MSDCHEM\1\DATA\122705\
Operator : TLC

Internal Standards		R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.81	114	344655	125.00 ng	0.00 98.60%
43) CI20	Chlorobenzene-D5	8.70	82	173200	125.00 ng	0.00 97.54%
63) CI30	1,4-Dichlorobenzene-	11.05	152	164553	125.00 ng	0.00 96.35%
System Monitoring Compounds						
26) CS87	Dibromofluoromethane	5.10	111	97469	112.98 NG	0.00
Spiked Amount	125.000	Range	70 - 130	Recovery =	90.38%	
31) CS15	1,2-Dichloroethane-D	5.41	65	127885	115.26 ng	0.00
Spiked Amount	125.000	Range	73 - 136	Recovery =	92.21%	
44) CS05	Toluene-D8	7.22	98	415402	118.94 ng	0.00
Spiked Amount	125.000	Range	77 - 122	Recovery =	95.15%	
62) CS10	p-Bromofluorobenzene	9.94	174	125439	116.89 ng	0.00
Spiked Amount	125.000	Range	74 - 120	Recovery =	93.51%	
Target Compounds						Qvalue
2) C290	Dichlorodifluorome	0.00	85	0	N.D.	
3) C010	Chloromethane	1.61	50	63	N.D.	
4) C020	Vinyl chloride	0.00	62	0	N.D.	
5) C015	Bromomethane	0.00	94	0	N.D.	
6) C025	Chloroethane	0.00	64	0	N.D.	
7) C275	Trichlorofluoromet	0.00	101	0	N.D.	
8) C045	1,1-Dichloroethene	2.94	96	131295	129.62 ng	85
9) C030	Methylene chloride	3.44	84	2283	N.D.	
10) C040	Carbon disulfide	3.14	76	1776	N.D.	
11) C036	Acrolein	2.91	56	2115	N.D.	
12) C038	Acrylonitrile	0.00	53	0	N.D.	
13) C035	Acetone	3.03	43	2064	N.D.	
14) C300	Acetonitrile	3.35	41	129	N.D.	
15) C276	Iodomethane	0.00	142	0	N.D.	
16) C291	1,1,2-Trichloro-1,	2.93	101	116	N.D.	
17) C962	T-butyl Methyl Eth	0.00	73	0	N.D.	
18) C057	trans-1,2-Dichloro	0.00	96	0	N.D.	
19) C255	Methyl Acetate	3.25	43	59	N.D.	
20) C050	1,1-Dichloroethane	0.00	63	0	N.D.	
21) C125	Vinyl Acetate	0.00	43	0	N.D.	
22) C051	2,2-Dichloropropan	0.00	77	0	N.D.	
23) C056	cis-1,2-Dichloroet	0.00	96	0	N.D.	
24) C272	Tetrahydrofuran	0.00	42	0	N.D.	
25) C222	Bromochloromethane	0.00	128	0	N.D.	
27) C060	Chloroform	0.00	83	0	N.D.	
28) C115	1,1,1-Trichloroeth	0.00	97	0	N.D.	
29) C120	Carbon tetrachlori	0.00	117	0	N.D.	
30) C116	1,1-Dichloropropen	0.00	75	0	N.D.	
32) C165	Benzene	5.44	78	612721	129.17 ng	98
~~33) C065~~	~~1,2-Dichloroethane~~	~~5.44~~	~~62~~	~~5330~~	~~3.04 ng~~	~~# 1~~
34) C110	2-Butanone	4.67	43	527	N.D.	
35) C256	Cyclohexane	0.00	56	0	N.D.	
36) C150	Trichloroethene	6.05	95	154783	126.97 ng	93

1/17/06

Data File: C:\MSDCHEM\1\DATA\122705\G7617.D
Acq On : 27 Dec 2005 21:29
Sample : MSB
Misc :
Integrator: RTE
Quant Time: Dec 27 21:48:15 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 27 21:28:27 2005
Response via : Initial Calibration
Data Path : C:\MSDCHEM\1\DATA\122705\
Operator : TLC

Internal Standards		R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
37) C140	1,2-Dichloropropan	0.00	63	0	N.D.	
38) C278	Dibromomethane	0.00	93	0	N.D.	
39) C130	Bromodichlorometha	0.00	83	0	N.D.	
40) C161	2-Chloroethylvinyl	0.00	63	0	N.D.	
41) C012	Methylcyclohexane	0.00	83	0	N.D.	
42) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.	
45) C230	Toluene	7.28	92	392646	127.95 ng	99
46) C170	trans-1,3-Dichloro	0.00	75	0	N.D.	
47) C284	Ethyl Methacrylate	0.00	69	0	N.D.	
48) C160	1,1,2-Trichloroeth	0.00	83	0	N.D.	
49) C210	4-Methyl-2-pentano	7.22	43	1899	N.D.	
50) C220	Tetrachloroethene	7.84	166	59	N.D.	
51) C221	1,3-Dichloropropan	0.00	76	0	N.D.	
52) C155	Dibromochlorometha	0.00	129	0	N.D.	
53) C163	1,2-Dibromoethane	0.00	107	0	N.D.	
54) C215	2-Hexanone	0.00	43	0	N.D.	
55) C235	Chlorobenzene	8.73	112	445917	128.83 ng	99
56) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.	
57) C240	Ethylbenzene	8.83	91	244	N.D.	
58) C246	m,p-Xylene	8.95	106	66	N.D.	
59) C247	o-Xylene	0.00	106	0	N.D.	
60) C245	Styrene	0.00	104	0	N.D.	
61) C180	Bromoform	0.00	173	0	N.D.	
64) C966	Isopropylbenzene	9.76	105	63	N.D.	
65) C301	Bromobenzene	0.00	156	0	N.D.	
66) C225	1,1,2,2-Tetrachlor	9.89	83	60	N.D.	
67) C282	1,2,3-Trichloropro	0.00	110	0	N.D.	
68) C283	t-1,4-Dichloro-2-B	0.00	51	0	N.D.	
69) C302	n-Propylbenzene	10.17	91	66	N.D.	
70) C303	2-Chlorotoluene	10.33	126	727	N.D.	
71) C289	4-Chlorotoluene	10.33	126	727	N.D.	
72) C304	1,3,5-Trimethylben	10.34	105	314	N.D.	
73) C306	tert-Butylbenzene	0.00	134	0	N.D.	
74) C307	1,2,4-Trimethylben	10.71	105	434	N.D.	
75) C308	sec-Butylbenzene	10.88	105	526	N.D.	
76) C260	1,3-Dichlorobenzen	11.00	146	340	N.D.	
77) C309	4-Isopropyltoluene	11.00	119	509	N.D.	
78) C267	1,4-Dichlorobenzen	11.08	146	416	N.D.	
79) C249	1,2-Dichlorobenzen	11.42	146	509	N.D.	
80) C310	n-Butylbenzene	11.39	91	1569	N.D.	
81) C286	1,2-Dibromo-3-Chloro	12.28	75	1539	6.36 ng	# 1
82) C313	1,2,4-Trichloroben	12.82	180	3786	N.D.	
83) C316	Hexachlorobutadien	12.95	225	1399	N.D.	
84) C314	Naphthalene	13.03	128	7263	N.D.	
85) C934	1,2,3-Trichlorobenze	13.23	180	4009	2.22 ng	98

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

1/13/06

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.: MSB22

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A5B2013701

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: S9692.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/28/2005

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	5.0	U
71-43-2	Benzene	27	
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon Disulfide	1.0	U
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	25	
75-00-3	Chloroethane	1.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	1.0	U
110-82-7	Cyclohexane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	29	
156-59-2	cis-1,2-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
98-82-8	Isopropylbenzene	1.0	U
79-20-9	Methyl acetate	1.0	U
108-87-2	Methylcyclohexane	1.0	U
75-09-2	Methylene chloride	1.0	U

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.

MSB22

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A5B2013701

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: S9692.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/28/2005

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 1.00

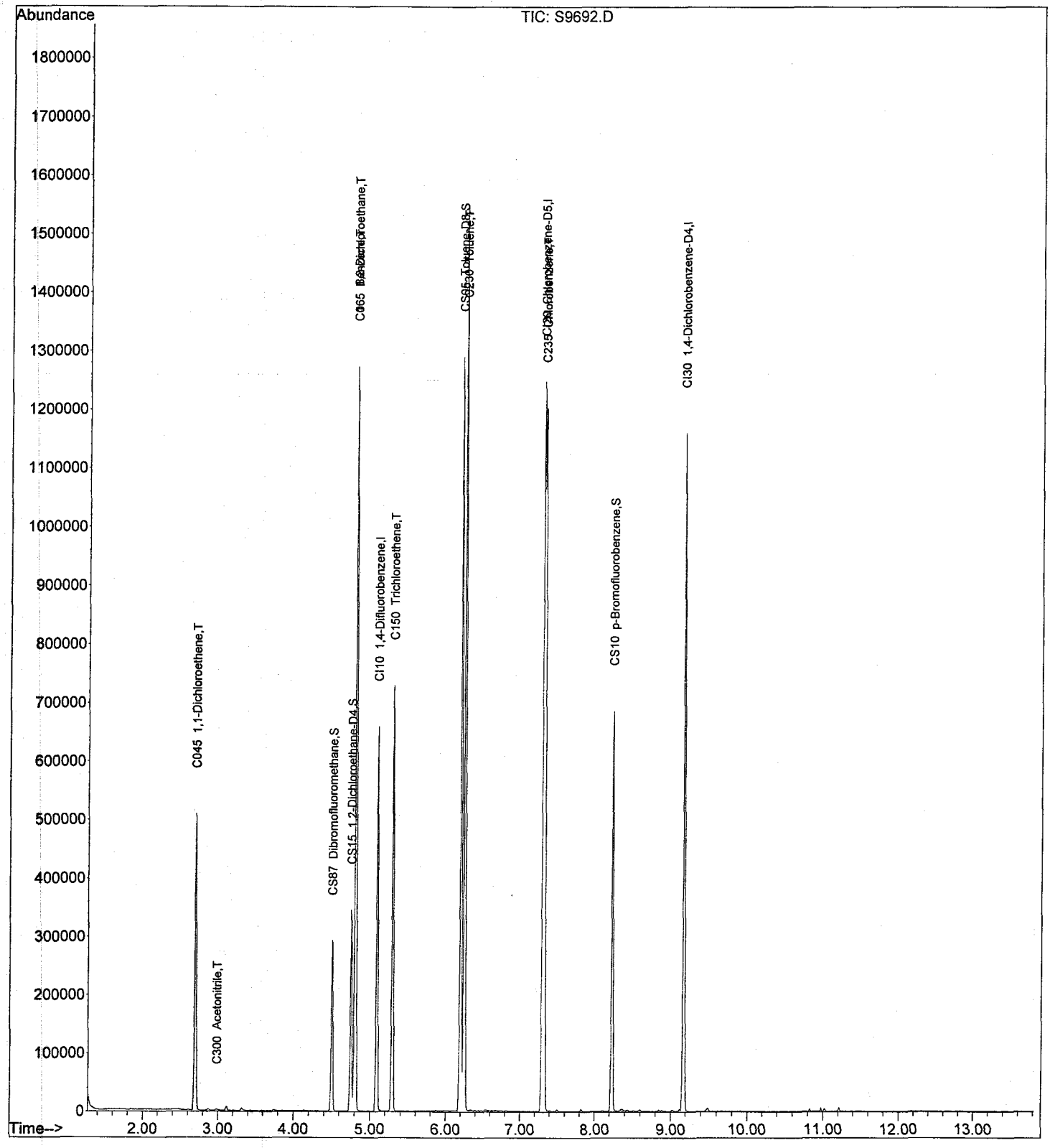
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	5.0	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	1.0	U
91-20-3	Naphthalene	1.0	U
100-42-5	Styrene	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	26	
120-82-1	1,2,4-Trichlorobenzene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
79-01-6	Trichloroethene	27	
75-01-4	Vinyl chloride	1.0	U
1330-20-7	Total Xylenes	3.0	U

Data File : D:\DATA\122805\S9692.D
Acq On : 28 Dec 2005 9:19
Sample : MSB
Misc :
MS Integration Params: RTEINT.P

Vial: 3
Operator: LH
Inst : HP5973S
Multiplr: 1.00

Quant Time: Dec 28 09:45:12 2005 Results File: A5I0002442_E2.RES
Quant Method : C:\MSDCHEM\1...\A5I0002442_E2.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Dec 28 09:45:03 2005
Response via : Initial Calibration
DataAcq Meth : VOA



Quantitation Report STL Buffalo (Not Reviewed)

Data File : D:\DATA\122805\S9692.D Vial: 3
Acq On : 28 Dec 2005 9:19 Operator: LH
Sample : MSB Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 28 09:45:12 2005 Results File: A5I0002442_E2.RES

Quant Method : C:\MSDCHEM\1...\A5I0002442_E2.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Dec 28 09:45:03 2005
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\DATA\122805\S9691.D (28 Dec 2005 8:52)

SBG 12/29/05 TLC

	Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1)	CI10	1,4-Difluorobenzene	5.09	114	396361	125.00	ng	0.00 101.06%
43)	CI20	Chlorobenzene-D5	7.30	117	545359	125.00	ng	0.00 97.80%
62)	CI30	1,4-Dichlorobenzene-	9.16	152	253524	125.00	ng	0.00 87.22%
	System Monitoring Compounds							
30)	CS87	Dibromofluoromethane	4.50	111	149017	133.20	ng	0.00
	Spiked Amount	125.000	Range	70 - 130		Recovery =	106.56%	
31)	CS15	1,2-Dichloroethane-D	4.75	65	158764	130.03	ng	0.00
	Spiked Amount	125.000	Range	73 - 136		Recovery =	104.02%	
44)	CS05	Toluene-D8	6.19	98	662063	122.55	ng	0.00
	Spiked Amount	125.000	Range	77 - 122		Recovery =	98.04%	
61)	CS10	p-Bromofluorobenzene	8.23	174	135052	110.09	ng	0.00
	Spiked Amount	125.000	Range	74 - 120		Recovery =	88.07%	
	Target Compounds							Qvalue
2)	C290	Dichlorodifluorome	0.00	85	0	N.D.		
3)	C010	Chloromethane	0.00	50	0	N.D.		
4)	C020	Vinyl chloride	0.00	62	0	N.D.		
5)	C015	Bromomethane	0.00	94	0	N.D.		
6)	C025	Chloroethane	0.00	64	0	N.D.		
7)	C275	Trichlorofluoromet	0.00	101	0	N.D.		
8)	C045	1,1-Dichloroethene	2.70	96	180223	146.04	ng	95
9)	C030	Methylene chloride	3.12	84	2366	N.D.		
10)	C040	Carbon disulfide	2.88	76	3242	N.D.		
11)	C036	Acrolein	2.61	56	1098	N.D.		
12)	C038	Acrylonitrile	3.31	53	3547	N.D.		
13)	C035	Acetone	2.75	43	140	N.D.		
14)	C300	Acetonitrile	2.99	41	3308	14.26	ng #	65
15)	C276	Iodomethane	0.00	142	0	N.D.		
16)	C291	1,1,2 Trichloro-1,	0.00	101	0	N.D.		
17)	C962	T-butyl Methyl Eth	0.00	73	0	N.D.		
18)	C057	trans-1,2-Dichloro	0.00	96	0	N.D.		
19)	C255	Methyl Acetate	0.00	43	0	N.D.		
20)	C050	1,1-Dichloroethane	0.00	63	0	N.D.		
21)	C125	Vinyl Acetate	3.74	43	1635	N.D.		
22)	C051	2,2-Dichloropropan	0.00	77	0	N.D.		
23)	C056	cis-1,2-Dichloroet	4.13	96	600	N.D.		
24)	C272	Tetrahydrofuran	0.00	42	0	N.D.		
25)	C222	Bromochloromethane	0.00	128	0	N.D.		
26)	C060	Chloroform	0.00	83	0	N.D.		
27)	C115	1,1,1-Trichloroeth	0.00	97	0	N.D.		
28)	C120	Carbon tetrachlori	0.00	117	0	N.D.		
29)	C116	1,1-Dichloropropen	0.00	75	0	N.D.		
32)	C165	Benzene	4.80	78	830741	136.38	ng	99
33)	C065	1,2-Dichloroethane	4.80	62	5998	3.77	ng #	1
34)	C110	2-Butanone	4.16	43	169	N.D.		
35)	C256	Cyclohexane	0.00	56	0	N.D.		
36)	C150	Trichloroethene	5.28	95	192132	136.98	ng	89
37)	C140	1,2-Dichloropropan	0.00	63	0	N.D.		
38)	C278	Dibromomethane	0.00	93	0	N.D.		

mm 1/13/2006

Data File : D:\DATA\122805\S9692.D Vial: 3
Acq On : 28 Dec 2005 9:19 Operator: LH
Sample : MSB Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 28 09:45:12 2005 Results File: A5I0002442_E2.RES

Quant Method : C:\MSDCHEM\1...\A5I0002442_E2.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Dec 28 09:45:03 2005
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\DATA\122805\S9691.D (28 Dec 2005 8:52)

Internal Standards		R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
39) C130	Bromodichlorometha	0.00	83	0	N.D.	
40) C161	2-Chloroethylvinyl	5.87	63	158	N.D.	
41) C012	Methylcycolhexane	5.45	83	128	N.D.	
42) C145	cis-1,3-Dichloropr	5.98	75	593	N.D.	
45) C230	Toluene	6.24	92	517526	129.11 ng	96
46) C170	trans-1,3-Dichloro	6.40	75	514	N.D.	
47) C284	Ethyl Methacrylate	0.00	69	0	N.D.	
48) C160	1,1,2-Trichloroeth	0.00	83	0	N.D.	
49) C210	4-Methyl-2-pentano	6.09	43	288	N.D.	
50) C220	Tetrachloroethene	0.00	166	0	N.D.	
51) C221	1,3-Dichloropropan	6.67	76	159	N.D.	
52) C155	Dibromochlorometha	0.00	129	0	N.D.	
53) C163	1,2-Dibromoethane	6.93	107	159	N.D.	
54) C215	2-Hexanone	6.73	43	281	N.D.	
55) C235	Chlorobenzene	7.32	112	521701	125.37 ng	98
56) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.	
57) C240	Ethylbenzene	7.41	91	1414	N.D.	
58) C246	m,p-Xylene	7.49	106	1029	N.D.	
59) C247	o-Xylene	7.81	106	605	N.D.	
60) C245	Styrene	7.83	104	1168	N.D.	
63) C180	Bromoform	0.00	173	0	N.D.	
64) C966	Isopropylbenzene	8.11	105	1347	N.D.	
65) C301	Bromobenzene	8.35	156	627	N.D.	
66) C225	1,1,2,2-Tetrachlor	8.33	83	138	N.D.	
67) C282	1,2,3-Trichloropro	0.00	110	0	N.D.	
68) C283	t-1,4-Dichloro-2-B	8.37	53	744	N.D.	
69) C302	n-Propylbenzene	8.44	91	2684	N.D.	
70) C303	2-Chlorotoluene	8.52	126	169	N.D.	
71) C289	4-Chlorotoluene	8.59	126	512	N.D.	
72) C304	1,3,5-Trimethylben	8.58	105	1042	N.D.	
73) C306	tert-Butylbenzene	8.85	134	269	N.D.	
74) C307	1,2,4-Trimethylben	8.88	105	1097	N.D.	
75) C308	sec-Butylbenzene	9.03	105	2583	N.D.	
76) C260	1,3-Dichlorobenzen	9.12	146	1710	N.D.	
77) C309	4-Isopropyltoluene	9.15	119	1819	N.D.	
78) C267	1,4-Dichlorobenzen	9.19	146	2385	N.D.	
79) C249	1,2-Dichlorobenzen	9.49	146	1275	N.D.	
80) C310	n-Butylbenzene	9.48	91	2901	N.D.	
81) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.	
82) C313	1,2,4-Trichloroben	10.83	180	1171	N.D.	
83) C316	Hexachlorobutadien	10.97	225	771	N.D.	
84) C314	Naphthalene	11.02	128	4472	N.D.	
85) C934	1,2,3-Trichloroben	11.21	180	1871	N.D.	

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

1/13/06

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.: MSB23

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A5B2015901

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: S9720.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/28/2005

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	130	
71-43-2	Benzene	28	
75-27-4	Bromodichloromethane	28	
75-25-2	Bromoform	26	
74-83-9	Bromomethane	18	
78-93-3	2-Butanone	130	
75-15-0	Carbon Disulfide	22	
56-23-5	Carbon Tetrachloride	29	
108-90-7	Chlorobenzene	26	
75-00-3	Chloroethane	28	
67-66-3	Chloroform	28	
74-87-3	Chloromethane	24	
110-82-7	Cyclohexane	27	
106-93-4	1,2-Dibromoethane	26	
124-48-1	Dibromochloromethane	28	
96-12-8	1,2-Dibromo-3-chloropropane	25	
95-50-1	1,2-Dichlorobenzene	25	
541-73-1	1,3-Dichlorobenzene	25	
106-46-7	1,4-Dichlorobenzene	25	
75-71-8	Dichlorodifluoromethane	25	
75-34-3	1,1-Dichloroethane	28	
107-06-2	1,2-Dichloroethane	27	
75-35-4	1,1-Dichloroethene	29	
156-59-2	cis-1,2-Dichloroethene	28	
156-60-5	trans-1,2-Dichloroethene	29	
78-87-5	1,2-Dichloropropane	28	
10061-01-5	cis-1,3-Dichloropropene	29	
10061-02-6	trans-1,3-Dichloropropene	28	
100-41-4	Ethylbenzene	27	
591-78-6	2-Hexanone	120	
98-82-8	Isopropylbenzene	24	
79-20-9	Methyl acetate	38	
108-87-2	Methylcyclohexane	27	
75-09-2	Methylene chloride	25	

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.

MSB23

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A5B2015901

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: S9720.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/28/2005

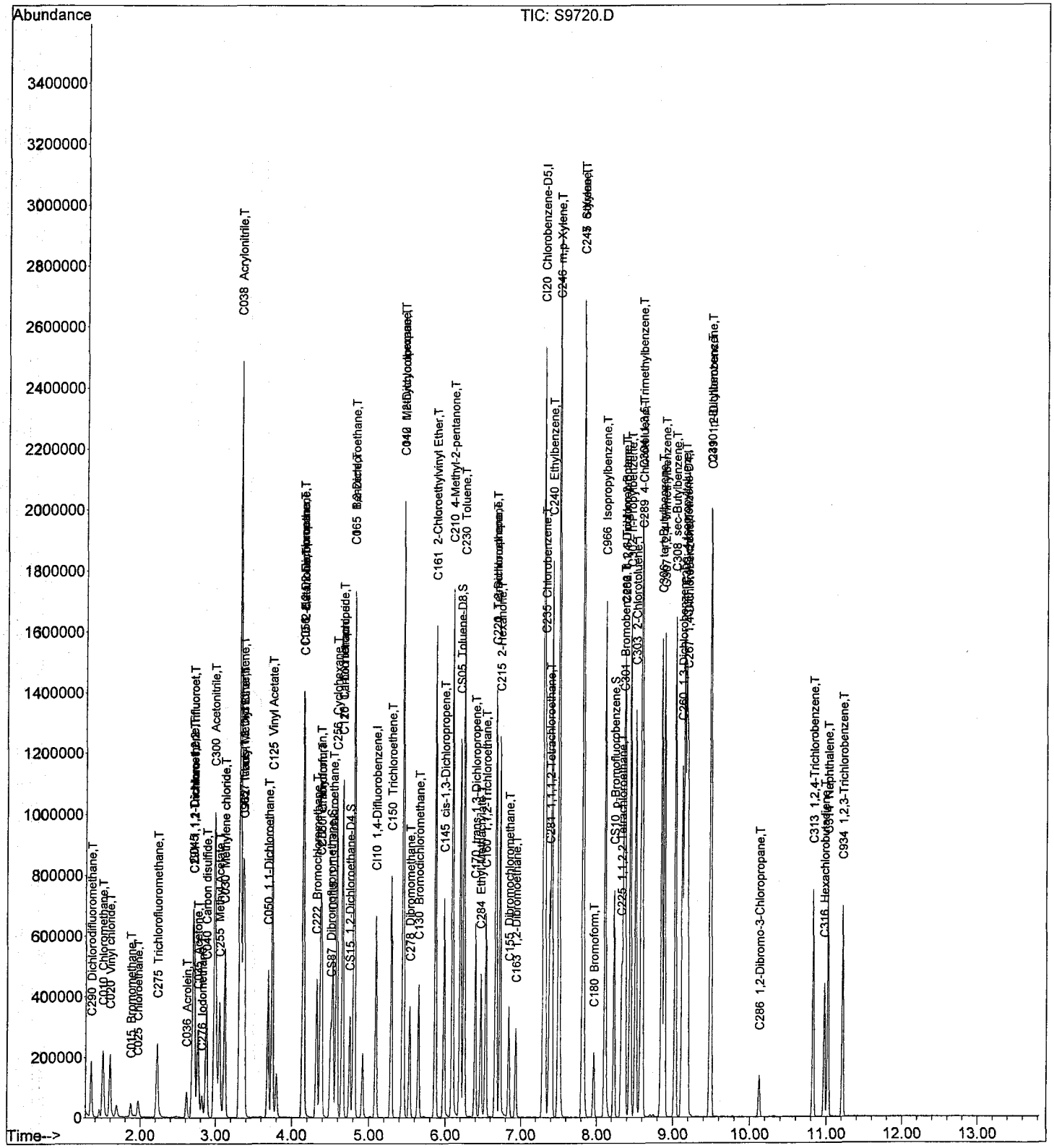
GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	120	
1634-04-4	Methyl-t-Butyl Ether (MTBE)	27	
91-20-3	Naphthalene	26	
100-42-5	Styrene	30	
79-34-5	1,1,2,2-Tetrachloroethane	25	
127-18-4	Tetrachloroethene	26	
108-88-3	Toluene	27	
120-82-1	1,2,4-Trichlorobenzene	23	
71-55-6	1,1,1-Trichloroethane	28	
79-00-5	1,1,2-Trichloroethane	28	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	26	
75-69-4	Trichlorofluoromethane	28	
79-01-6	Trichloroethene	29	
75-01-4	Vinyl chloride	26	
1330-20-7	Total Xylenes	83	

Data File : D:\DATA\122805\S9720.D Vial: 4
Acq On : 28 Dec 2005 20:35 Operator: TLC
Sample : MSB (FULL) Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Dec 28 20:57:42 2005 Results File: A5I0002442_E2.RES
Quant Method : C:\MSDCHEM\1...\A5I0002442_E2.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Dec 28 20:05:16 2005
Response via : Initial Calibration
DataAcq Meth : VOA



Quantitation Report STL Buffalo (Not Reviewed)

Data File : D:\DATA\122805\S9720.D Vial: 4
Acq On : 28 Dec 2005 20:35 Operator: TLC
Sample : MSB (FULL) Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 28 20:57:42 2005 Results File: A5I0002442_E2.RES

Quant Method : C:\MSDCHEM\1...\A5I0002442_E2.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Dec 28 20:05:16 2005
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\DATA\122805\S9718.D (28 Dec 2005 19:47)

	Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1)	CI10	1,4-Difluorobenzene	5.09	114	410703	125.00	ng		0.00 105.94%
43)	CI20	Chlorobenzene-D5	7.30	117	576889	125.00	ng		0.00 103.41%
62)	CI30	1,4-Dichlorobenzene-	9.17	152	298932	125.00	ng		0.00 101.20%
	System Monitoring Compounds								
30)	CS87	Dibromofluoromethane	4.50	111	145448	125.47	ng		0.00
	Spiked Amount	125.000	Range	70 - 130		Recovery =	100.38%		
31)	CS15	1,2-Dichloroethane-D	4.75	65	151314	119.60	ng		0.00
	Spiked Amount	125.000	Range	73 - 136		Recovery =	95.68%		
44)	CS05	Toluene-D8	6.20	98	662993	116.02	ng		0.00
	Spiked Amount	125.000	Range	77 - 122		Recovery =	92.82%		
61)	CS10	p-Bromofluorobenzene	8.23	174	143253	110.39	ng		0.00
	Spiked Amount	125.000	Range	74 - 120		Recovery =	88.31%		
	Target Compounds								Qvalue
2)	C290	Dichlorodifluorometh	1.35	85	155854	124.93	ng		99
3)	C010	Chloromethane	1.50	50	220028	120.69	ng		97
4)	C020	Vinyl chloride	1.60	62	179767	130.62	ng		100
5)	C015	Bromomethane	1.87	94	20062	88.83	ng		95
6)	C025	Chloroethane	1.96	64	44136	142.69	ng		98
7)	C275	Trichlorofluorometha	2.22	101	207542	139.77	ng		99
8)	C045	1,1-Dichloroethene	2.69	96	188128	147.13	ng		90
9)	C030	Methylene chloride	3.12	84	211668	124.77	ng		90
10)	C040	Carbon disulfide	2.87	76	447781	110.02	ng		98
11)	C036	Acrolein	2.61	56	67222	422.80	ng		98
12)	C038	Acrylonitrile	3.31	53	1604895	2641.43	ng		98
13)	C035	Acetone	2.76	43	279670	634.47	ng		90
14)	C300	Acetonitrile	2.98	41	1205924	5016.23	ng		100
15)	C276	Iodomethane	2.81	142	80753	103.59	ng	#	86
16)	C291	1,1,2 Trichloro-1,2,	2.71	101	165910	132.91	ng		91
17)	C962	T-butyl Methyl Ether	3.37	73	453507	135.28	ng	#	88
18)	C057	trans-1,2-Dichloroet	3.35	96	207919	143.58	ng		99
19)	C255	Methyl Acetate	3.04	43	364654	192.95	ng		92
20)	C050	1,1-Dichloroethane	3.68	63	367599	138.33	ng		99
21)	C125	Vinyl Acetate	3.74	43	1061169	371.89	ng		96
22)	C051	2,2-Dichloropropane	4.14	77	222303	143.31	ng		92
23)	C056	cis-1,2-Dichloroethe	4.14	96	217149	140.48	ng		100
24)	C272	Tetrahydrofuran	4.36	42	294961	619.39	ng	#	1
25)	C222	Bromochloromethane	4.32	128	92646	139.52	ng		91
26)	C060	Chloroform	4.38	83	316210	138.32	ng		95
27)	C115	1,1,1-Trichloroethan	4.53	97	254177	142.44	ng		97
28)	C120	Carbon tetrachloride	4.66	117	203123	145.92	ng		91
29)	C116	1,1-Dichloropropene	4.65	75	261043	141.01	ng		97
32)	C165	Benzene	4.80	78	888466	140.76	ng		100
33)	C065	1,2-Dichloroethane	4.81	62	222388	134.99	ng		87
34)	C110	2-Butanone	4.15	43	461740	643.24	ng		93
35)	C256	Cyclohexane	4.58	56	409253	136.92	ng	#	82
36)	C150	Trichloroethene	5.29	95	208554	143.49	ng		96
37)	C140	1,2-Dichloropropane	5.44	63	218458	140.76	ng		94
38)	C278	Dibromomethane	5.53	93	105347	139.51	ng	#	76

Quantitation Report STL Buffalo (Not Reviewed)

Data File : D:\DATA\122805\S9720.D
Acq On : 28 Dec 2005 20:35
Sample : MSB (FULL)
Misc :
MS Integration Params: RTEINT.P
Quant Time: Dec 28 20:57:42 2005

Vial: 4
Operator: TLC
Inst : HP5973S
Multiplr: 1.00
Results File: A5I0002442_E2.RES

Quant Method : C:\MSDCHEM\1...\A5I0002442_E2.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Dec 28 20:05:16 2005
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\DATA\122805\S9718.D (28 Dec 2005 19:47)

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
39) C130	Bromodichloromethane	5.65	83	214955	141.14	ng		95
40) C161	2-Chloroethylvinyl E	5.87	63	489646	568.71	ng		97
41) C012	Methylcycolhexane	5.44	83	370429	134.22	ng		95
42) C145	cis-1,3-Dichloroprop	5.98	75	297743	143.72	ng		84
45) C230	Toluene	6.24	92	568168	134.00	ng		95
46) C170	trans-1,3-Dichloropr	6.39	75	248669	137.70	ng		92
47) C284	Ethyl Methacrylate	6.46	69	187607	102.64	ng	#	69
48) C160	1,1,2-Trichloroethan	6.53	83	147468	137.80	ng		99
49) C210	4-Methyl-2-pentanone	6.09	43	933402	609.56	ng		97
50) C220	Tetrachloroethene	6.67	166	172833	129.04	ng		88
51) C221	1,3-Dichloropropane	6.66	76	296941	132.15	ng		86
52) C155	Dibromochloromethane	6.84	129	151318	139.86	ng		95
53) C163	1,2-Dibromoethane	6.93	107	164760	131.62	ng		97
54) C215	2-Hexanone	6.72	43	655320	620.07	ng		97
55) C235	Chlorobenzene	7.32	112	584158	132.70	ng		99
56) C281	1,1,1,2-Tetrachloroe	7.38	131	168537	137.77	ng		97
57) C240	Ethylbenzene	7.41	91	1061246	136.52	ng		100
58) C246	m,p-Xylene	7.50	106	814442	278.17	ng		99
59) C247	o-Xylene	7.81	106	384798	137.69	ng	#	88
60) C245	Styrene	7.82	104	646708	148.04	ng		96
63) C180	Bromoform	7.96	173	74583	128.47	ng		99
64) C966	Isopropylbenzene	8.11	105	926473	117.77	ng		97
65) C301	Bromobenzene	8.35	156	201713	125.56	ng	#	84
66) C225	1,1,2,2-Tetrachloroe	8.33	83	223014	126.99	ng		95
67) C282	1,2,3-Trichloropropa	8.37	110	60494	127.20	ng		100
68) C283	t-1,4-Dichloro-2-But	8.37	53	198916	360.25	ng	#	68
69) C302	n-Propylbenzene	8.44	91	1193007	124.71	ng		99
70) C303	2-Chlorotoluene	8.51	126	229603	125.04	ng		100
71) C289	4-Chlorotoluene	8.60	126	230996	126.45	ng		100
72) C304	1,3,5-Trimethylbenze	8.58	105	774222	129.25	ng		99
73) C306	tert-Butylbenzene	8.85	134	168290	131.31	ng		100
74) C307	1,2,4-Trimethylbenze	8.88	105	761951	129.28	ng		96
75) C308	sec-Butylbenzene	9.02	105	1033863	134.59	ng		95
76) C260	1,3-Dichlorobenzene	9.12	146	398130	124.63	ng		98
77) C309	4-Isopropyltoluene	9.15	119	766881	125.35	ng		98
78) C267	1,4-Dichlorobenzene	9.19	146	398452	123.66	ng		96
79) C249	1,2-Dichlorobenzene	9.49	146	372207	126.64	ng		97
80) C310	n-Butylbenzene	9.48	91	715639	126.79	ng		97
81) C286	1,2-Dibromo-3-Chloro	10.12	75	27602	126.05	ng	#	79
82) C313	1,2,4-Trichlorobenze	10.83	180	169973	115.25	ng		95
83) C316	Hexachlorobutadiene	10.97	225	52514	82.86	ng		97
84) C314	Naphthalene	11.02	128	513301	127.75	ng		100
85) C934	1,2,3-Trichlorobenze	11.21	180	150434	112.10	ng		97

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

1/13/2006

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.

MW-2

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A5E58701MS

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: S9668.RR

Level: (low/med) LOW Date Samp/Recv: 12/20/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/27/2005

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	5.0	U
71-43-2	Benzene	29	
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon Disulfide	1.0	U
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	27	
75-00-3	Chloroethane	1.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	1.0	U
110-82-7	Cyclohexane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U
75-34-3	1,1-Dichloroethane	1.6	
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	31	
156-59-2	cis-1,2-Dichloroethene	3.2	
156-60-5	trans-1,2-Dichloroethene	0.73	J
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
98-82-8	Isopropylbenzene	1.0	U
79-20-9	Methyl acetate	1.0	U
108-87-2	Methylcyclohexane	1.0	U
75-09-2	Methylene chloride	1.0	U

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.

MW-2

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A5E58701MS

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: S9668.RR

Level: (low/med) LOW Date Samp/Recv: 12/20/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/27/2005

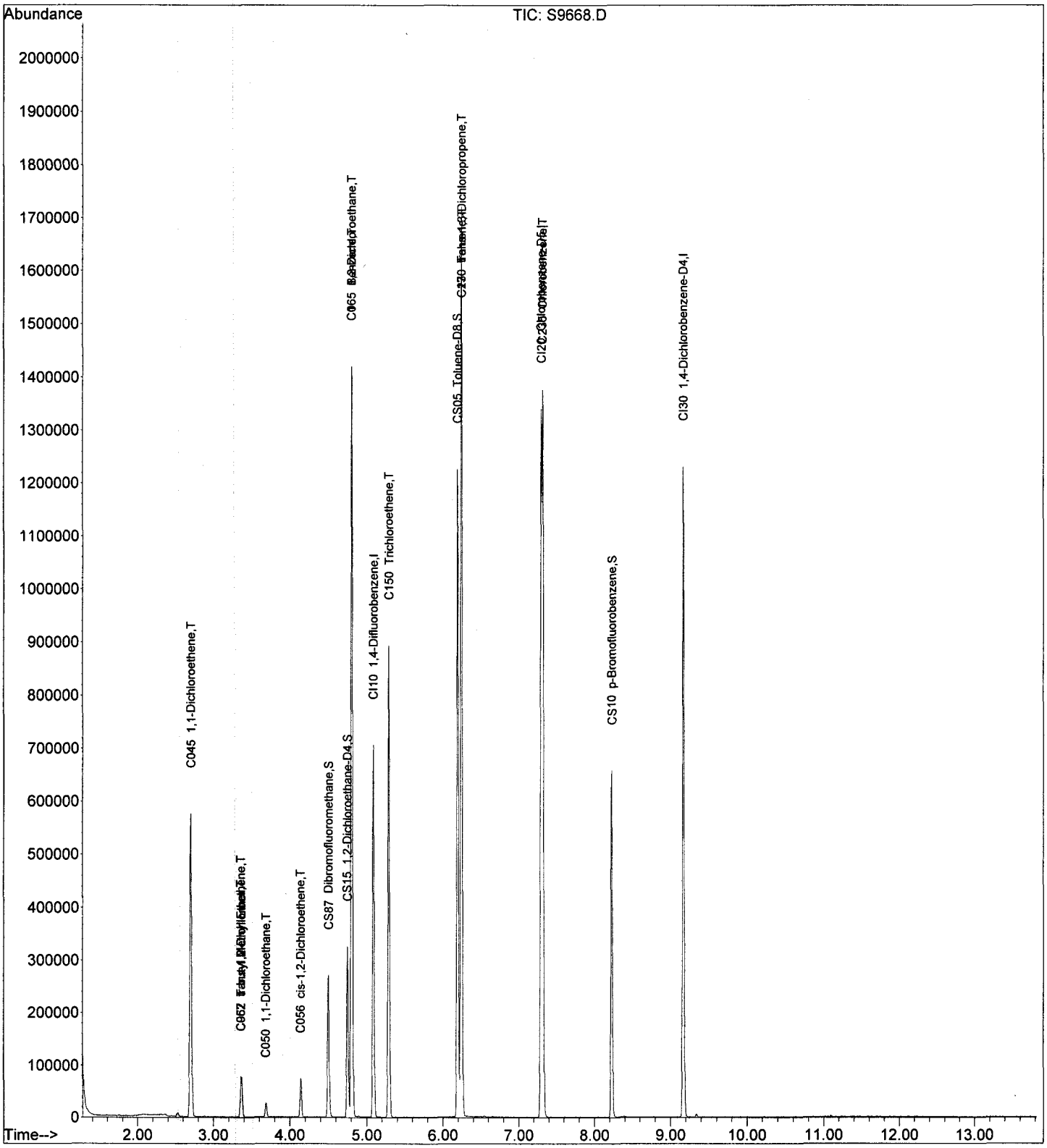
GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	5.0	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	2.8	
91-20-3	Naphthalene	1.0	U
100-42-5	Styrene	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	28	
120-82-1	1,2,4-Trichlorobenzene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
79-01-6	Trichloroethene	30	
75-01-4	Vinyl chloride	1.0	U
1330-20-7	Total Xylenes	3.0	U

Data File : D:\DATA\122705\S9668.D Vial: 18
Acq On : 27 Dec 2005 16:47 Operator: LH
Sample : A5E58701MS Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Dec 27 17:01:14 2005 Results File: A5I0002442_E2.RES
Quant Method : C:\MSDCHEM\1...\A5I0002442_E2.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Tue Dec 27 11:08:38 2005
Response via : Initial Calibration
DataAcq Meth : VOA



Data File : D:\DATA\122705\S9668.D Vial: 18
Acq On : 27 Dec 2005 16:47 Operator: LH
Sample : A5E58701MS Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 27 17:01:14 2005 Results File: A5I0002442_E2.RES

Quant Method : C:\MSDCHEM\1...\A5I0002442_E2.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Tue Dec 27 11:08:38 2005
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\DATA\122705\S9652.D (27 Dec 2005 10:13)

STB 12/28/05 LH

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.09	114	424442	125.00	ng		0.00 96.24%
43) CI20	Chlorobenzene-D5	7.30	117	573247	125.00	ng		0.00 95.46%
62) CI30	1,4-Dichlorobenzene-	9.16	152	267484	125.00	ng		0.00 89.92%
System Monitoring Compounds								
30) CS87	Dibromofluoromethane	4.50	111	141198	117.86	ng		0.00
Spiked Amount	125.000	Range	70 - 130	Recovery	=	94.29%		
31) CS15	1,2-Dichloroethane-D	4.75	65	148381	113.49	ng		0.00
Spiked Amount	125.000	Range	73 - 136	Recovery	=	90.79%		
44) CS05	Toluene-D8	6.19	98	648261	114.16	ng		0.00
Spiked Amount	125.000	Range	77 - 122	Recovery	=	91.33%		
61) CS10	p-Bromofluorobenzene	8.23	174	126827	98.36	ng		0.00
Spiked Amount	125.000	Range	74 - 120	Recovery	=	78.69%		
Target Compounds								Qvalue
2) C290	Dichlorodifluorome	0.00	85	0	N.D.			
3) C010	Chloromethane	0.00	50	0	N.D.			
4) C020	Vinyl chloride	1.59	62	701	N.D.			
5) C015	Bromomethane	0.00	94	0	N.D.			
6) C025	Chloroethane	0.00	64	0	N.D.			
7) C275	Trichlorofluoromet	0.00	101	0	N.D.			
8) C045	1,1-Dichloroethene	2.70	96	208039	157.43	ng		93
9) C030	Methylene chloride	0.00	84	0	N.D.			
10) C040	Carbon disulfide	2.88	76	1043	N.D.			
11) C036	Acrolein	0.00	56	0	N.D.			
12) C038	Acrylonitrile	3.36	53	682	N.D.			
13) C035	Acetone	2.75	43	656	N.D.			
14) C300	Acetonitrile	0.00	41	0	N.D.			
15) C276	Iodomethane	0.00	142	0	N.D.			
16) C291	1,1,2 Trichloro-1,	2.70	101	193	N.D.			
17) C962	T-butyl Methyl Ether	3.37	73	48047	13.87	ng	#	88
18) C057	trans-1,2-Dichloroet	3.36	96	5455	3.64	ng		91
19) C255	Methyl Acetate	0.00	43	0	N.D.			
20) C050	1,1-Dichloroethane	3.68	63	22247	8.10	ng		91
21) C125	Vinyl Acetate	0.00	43	0	N.D.			
22) C051	2,2-Dichloropropan	0.00	77	0	N.D.			
23) C056	cis-1,2-Dichloroethe	4.14	96	25395	15.90	ng		90
24) C272	Tetrahydrofuran	0.00	42	0	N.D.			
25) C222	Bromochloromethane	0.00	128	0	N.D.			
26) C060	Chloroform	0.00	83	0	N.D.			
27) C115	1,1,1-Trichloroeth	4.53	97	2083	N.D.			
28) C120	Carbon tetrachlori	0.00	117	0	N.D.			
29) C116	1,1-Dichloropropen	0.00	75	0	N.D.			
32) C165	Benzene	4.80	78	946179	145.06	ng		100
33) C065	1,2-Dichloroethane	~~4.80~~	~~62~~	~~6521~~	~~3.83~~	~~ng~~	#	1
34) C110	2-Butanone	0.00	43	0	N.D.			
35) C256	Cyclohexane	0.00	56	0	N.D.			
36) C150	Trichloroethene	5.29	95	228966	152.44	ng		97
37) C140	1,2-Dichloropropan	0.00	63	0	N.D.			
38) C278	Dibromomethane	0.00	93	0	N.D.			

MTM 1/3/06

Data File : D:\DATA\122705\S9668.D Vial: 18
Acq On : 27 Dec 2005 16:47 Operator: LH
Sample : A5E58701MS Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 27 17:01:14 2005 Results File: A5I0002442_E2.RES

Quant Method : C:\MSDCHEM\1...\A5I0002442_E2.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Tue Dec 27 11:08:38 2005
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\DATA\122705\S9652.D (27 Dec 2005 10:13)

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
39) C130	Bromodichlorometha	0.00	83	0	N.D.			
40) C161	2-Chloroethylvinyl	0.00	63	0	N.D.			
41) C012	Methylcycolhexane	0.00	83	0	N.D.			
42) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.			
45) C230	Toluene	6.24	92	581909	138.11	ng		96
46) C170	trans-1,3-Dichloropr	6.24	75	5536	3.09	ng	#	51
47) C284	Ethyl Methacrylate	0.00	69	0	N.D.			
48) C160	1,1,2-Trichloroeth	0.00	83	0	N.D.			
49) C210	4-Methyl-2-pentano	6.19	43	2982	N.D.			
50) C220	Tetrachloroethene	0.00	166	0	N.D.			
51) C221	1,3-Dichloropropan	0.00	76	0	N.D.			
52) C155	Dibromochlorometha	0.00	129	0	N.D.			
53) C163	1,2-Dibromoethane	0.00	107	0	N.D.			
54) C215	2-Hexanone	0.00	43	0	N.D.			
55) C235	Chlorobenzene	7.32	112	591076	135.13	ng		98
56) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.			
57) C240	Ethylbenzene	7.30	91	1140	N.D.			
58) C246	m,p-Xylene	0.00	106	0	N.D.			
59) C247	o-Xylene	0.00	106	0	N.D.			
60) C245	Styrene	0.00	104	0	N.D.			
63) C180	Bromoform	0.00	173	0	N.D.			
64) C966	Isopropylbenzene	0.00	105	0	N.D.			
65) C301	Bromobenzene	0.00	156	0	N.D.			
66) C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.			
67) C282	1,2,3-Trichloropro	0.00	110	0	N.D.			
68) C283	t-1,4-Dichloro-2-B	0.00	53	0	N.D.			
69) C302	n-Propylbenzene	0.00	91	0	N.D.			
70) C303	2-Chlorotoluene	0.00	126	0	N.D.			
71) C289	4-Chlorotoluene	0.00	126	0	N.D.			
72) C304	1,3,5-Trimethylben	0.00	105	0	N.D.			
73) C306	tert-Butylbenzene	0.00	134	0	N.D.			
74) C307	1,2,4-Trimethylben	0.00	105	0	N.D.			
75) C308	sec-Butylbenzene	0.00	105	0	N.D.			
76) C260	1,3-Dichlorobenzen	0.00	146	0	N.D.			
77) C309	4-Isopropyltoluene	0.00	119	0	N.D.			
78) C267	1,4-Dichlorobenzen	0.00	146	0	N.D.			
79) C249	1,2-Dichlorobenzen	0.00	146	0	N.D.			
80) C310	n-Butylbenzene	0.00	91	0	N.D.			
81) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.			
82) C313	1,2,4-Trichloroben	0.00	180	0	N.D.			
83) C316	Hexachlorobutadien	0.00	225	0	N.D.			
84) C314	Naphthalene	0.00	128	0	N.D.			
85) C934	1,2,3-Trichloroben	0.00	180	0	N.D.			

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

1/3/06

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.

MW-2

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A5E58701SD

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: S9669.RR

Level: (low/med) LOW Date Samp/Recv: 12/20/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/27/2005

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	5.0	U
71-43-2	Benzene	30	
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon Disulfide	1.0	U
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	27	
75-00-3	Chloroethane	1.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	1.0	U
110-82-7	Cyclohexane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U
75-34-3	1,1-Dichloroethane	1.7	
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	32	
156-59-2	cis-1,2-Dichloroethene	3.4	
156-60-5	trans-1,2-Dichloroethene	0.84	J
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
98-82-8	Isopropylbenzene	1.0	U
79-20-9	Methyl acetate	1.0	U
108-87-2	Methylcyclohexane	1.0	U
75-09-2	Methylene chloride	1.0	U

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.

MW-2

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A5E58701SD

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: S9669.RR

Level: (low/med) LOW Date Samp/Recv: 12/20/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/27/2005

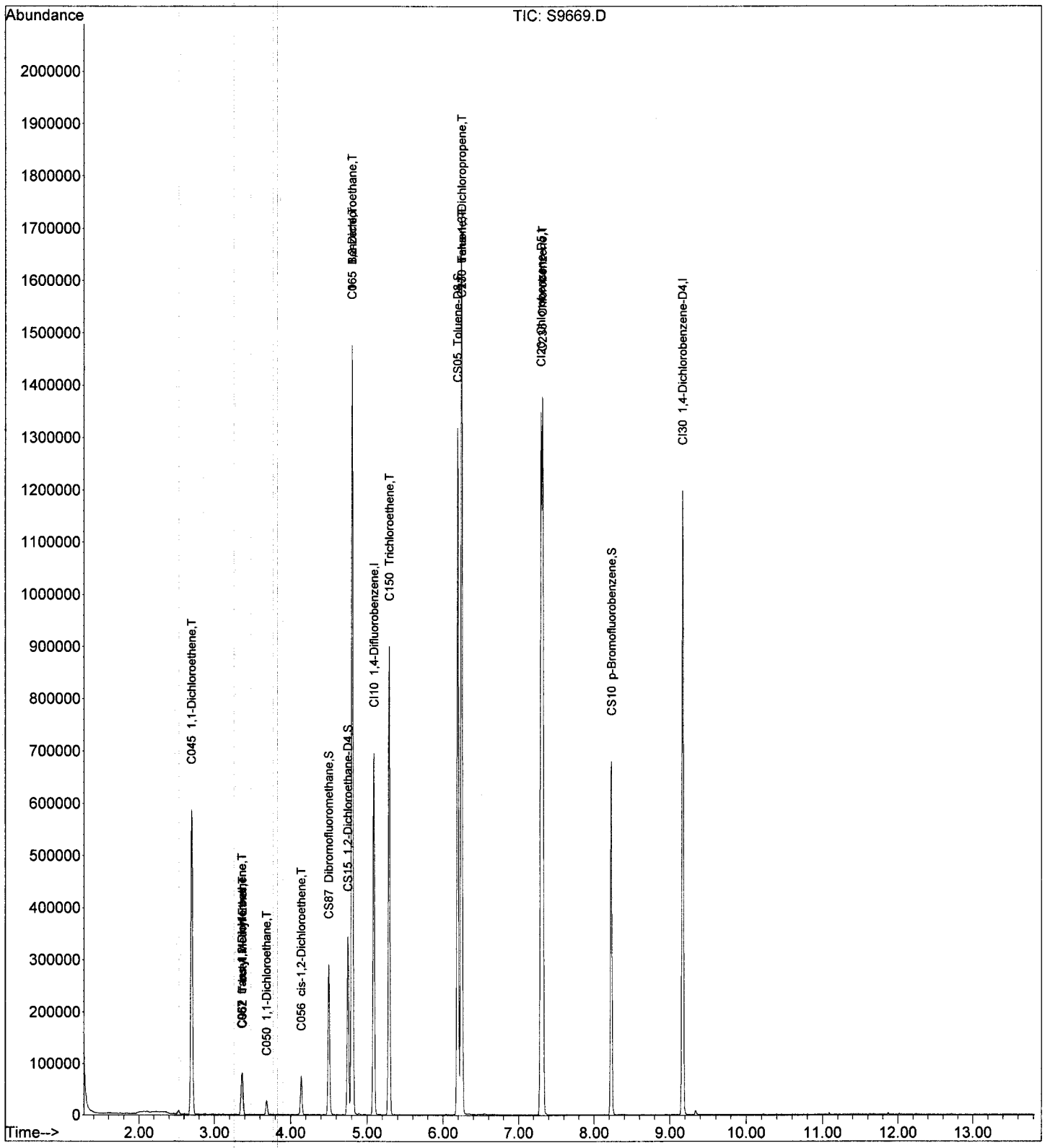
GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	5.0	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	2.9	
91-20-3	Naphthalene	1.0	U
100-42-5	Styrene	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	28	
120-82-1	1,2,4-Trichlorobenzene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
79-01-6	Trichloroethene	31	
75-01-4	Vinyl chloride	1.0	U
1330-20-7	Total Xylenes	3.0	U

Data File : D:\DATA\122705\S9669.D Vial: 19
Acq On : 27 Dec 2005 17:11 Operator: LH
Sample : A5E58701SD Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Dec 27 17:30:48 2005 Results File: A5I0002442_E2.RES
Quant Method : C:\MSDCHEM\1...\A5I0002442_E2.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Tue Dec 27 11:08:38 2005
Response via : Initial Calibration
DataAcq Meth : VOA



Data File : D:\DATA\122705\S9669.D Vial: 19
Acq On : 27 Dec 2005 17:11 Operator: LH
Sample : A5E58701SD Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 27 17:30:48 2005 Results File: A5I0002442_E2.RES

Quant Method : C:\MSDCHEM\1...\A5I0002442_E2.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Tue Dec 27 11:08:38 2005
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\DATA\122705\S9652.D (27 Dec 2005 10:13)

STE 12/28/05 LA

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.09	114	422149	125.00	ng		0.00 95.72%
43) CI20	Chlorobenzene-D5	7.30	117	573304	125.00	ng		0.00 95.47%
62) CI30	1,4-Dichlorobenzene-	9.16	152	265132	125.00	ng		0.00 89.13%
System Monitoring Compounds								
30) CS87	Dibromofluoromethane	4.50	111	147627	123.90	ng		0.00
Spiked Amount	125.000	Range	70 - 130	Recovery	=	99.12%		
31) CS15	1,2-Dichloroethane-D	4.75	65	157099	120.81	ng		0.00
Spiked Amount	125.000	Range	73 - 136	Recovery	=	96.65%		
44) CS05	Toluene-D8	6.19	98	668695	117.75	ng		0.00
Spiked Amount	125.000	Range	77 - 122	Recovery	=	94.20%		
61) CS10	p-Bromofluorobenzene	8.23	174	134970	104.66	ng		0.00
Spiked Amount	125.000	Range	74 - 120	Recovery	=	83.73%		
Target Compounds								Qvalue
2) C290	Dichlorodifluorome	0.00	85	0	N.D.			
3) C010	Chloromethane	0.00	50	0	N.D.			
4) C020	Vinyl chloride	1.60	62	737	N.D.			
5) C015	Bromomethane	0.00	94	0	N.D.			
6) C025	Chloroethane	0.00	64	0	N.D.			
7) C275	Trichlorofluoromet	0.00	101	0	N.D.			
8) C045	1,1-Dichloroethene	2.70	96	209851	159.67	ng		93
9) C030	Methylene chloride	0.00	84	0	N.D.			
10) C040	Carbon disulfide	2.88	76	1156	N.D.			
11) C036	Acrolein	0.00	56	0	N.D.			
12) C038	Acrylonitrile	3.36	53	454	N.D.			
13) C035	Acetone	2.76	43	922	N.D.			
14) C300	Acetonitrile	0.00	41	0	N.D.			
15) C276	Iodomethane	0.00	142	0	N.D.			
16) C291	1,1,2 Trichloro-1,	0.00	101	0	N.D.			
17) C962	T-butyl Methyl Ether	3.37	73	50361	14.61	ng	#	86
18) C057	trans-1,2-Dichloroet	3.35	96	6221	4.18	ng	#	83
19) C255	Methyl Acetate	0.00	43	0	N.D.			
20) C050	1,1-Dichloroethane	3.68	63	22780	8.34	ng		97
21) C125	Vinyl Acetate	0.00	43	0	N.D.			
22) C051	2,2-Dichloropropan	0.00	77	0	N.D.			
23) C056	cis-1,2-Dichloroethe	4.14	96	26729	16.82	ng		90
24) C272	Tetrahydrofuran	0.00	42	0	N.D.			
25) C222	Bromochloromethane	0.00	128	0	N.D.			
26) C060	Chloroform	0.00	83	0	N.D.			
27) C115	1,1,1-Trichloroeth	4.52	97	2363	N.D.			
28) C120	Carbon tetrachlori	0.00	117	0	N.D.			
29) C116	1,1-Dichloropropen	0.00	75	0	N.D.			
32) C165	Benzene	4.80	78	971782	149.79	ng		100
33) C065	1,2-Dichloroethane	~~4.80~~	~~62~~	~~6218~~	~~3.67~~	~~ng~~	#	1
34) C110	2-Butanone	0.00	43	0	N.D.			
35) C256	Cyclohexane	0.00	56	0	N.D.			
36) C150	Trichloroethene	5.29	95	233587	156.36	ng		98
37) C140	1,2-Dichloropropan	0.00	63	0	N.D.			
38) C278	Dibromomethane	0.00	93	0	N.D.			

MT 1/3/06

Data File : D:\DATA\122705\S9669.D Vial: 19
Acq On : 27 Dec 2005 17:11 Operator: LH
Sample : A5E58701SD Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 27 17:30:48 2005 Results File: A5I0002442_E2.RES

Quant Method : C:\MSDCHEM\1...\A5I0002442_E2.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Tue Dec 27 11:08:38 2005
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\DATA\122705\S9652.D (27 Dec 2005 10:13)

Internal Standards		R.T.	QIon	Response	Conc Units		Dev(Min) Rcv(Ar)
39) C130	Bromodichlorometha	0.00	83	0	N.D.		
40) C161	2-Chloroethylvinyl	0.00	63	0	N.D.		
41) C012	Methylcycolhexane	0.00	83	0	N.D.		
42) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.		
45) C230	Toluene	6.24	92	598631	142.06 ng		96
46) C170	trans-1,3-Dichloropr	6.24	75	5148	2.87 ng	#	51
47) C284	Ethyl Methacrylate	0.00	69	0	N.D.		
48) C160	1,1,2-Trichloroeth	0.00	83	0	N.D.		
49) C210	4-Methyl-2-pentano	6.19	43	2682	N.D.		
50) C220	Tetrachloroethene	0.00	166	0	N.D.		
51) C221	1,3-Dichloropropan	0.00	76	0	N.D.		
52) C155	Dibromochlorometha	0.00	129	0	N.D.		
53) C163	1,2-Dibromoethane	0.00	107	0	N.D.		
54) C215	2-Hexanone	0.00	43	0	N.D.		
55) C235	Chlorobenzene	7.32	112	600352	137.23 ng		98
56) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.		
57) C240	Ethylbenzene	7.49	91	142	N.D.		
58) C246	m,p-Xylene	0.00	106	0	N.D.		
59) C247	o-Xylene	0.00	106	0	N.D.		
60) C245	Styrene	0.00	104	0	N.D.		
63) C180	Bromoform	0.00	173	0	N.D.		
64) C966	Isopropylbenzene	0.00	105	0	N.D.		
65) C301	Bromobenzene	0.00	156	0	N.D.		
66) C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.		
67) C282	1,2,3-Trichloropro	0.00	110	0	N.D.		
68) C283	t-1,4-Dichloro-2-B	0.00	53	0	N.D.		
69) C302	n-Propylbenzene	0.00	91	0	N.D.		
70) C303	2-Chlorotoluene	0.00	126	0	N.D.		
71) C289	4-Chlorotoluene	0.00	126	0	N.D.		
72) C304	1,3,5-Trimethylben	0.00	105	0	N.D.		
73) C306	tert-Butylbenzene	0.00	134	0	N.D.		
74) C307	1,2,4-Trimethylben	0.00	105	0	N.D.		
75) C308	sec-Butylbenzene	0.00	105	0	N.D.		
76) C260	1,3-Dichlorobenzen	0.00	146	0	N.D.		
77) C309	4-Isopropyltoluene	9.15	119	150	N.D.		
78) C267	1,4-Dichlorobenzen	0.00	146	0	N.D.		
79) C249	1,2-Dichlorobenzen	0.00	146	0	N.D.		
80) C310	n-Butylbenzene	0.00	91	0	N.D.		
81) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.		
82) C313	1,2,4-Trichloroben	0.00	180	0	N.D.		
83) C316	Hexachlorobutadien	0.00	225	0	N.D.		
84) C314	Naphthalene	0.00	128	0	N.D.		
85) C934	1,2,3-Trichloroben	0.00	180	0	N.D.		

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

1/13/06

GCMS VOLATILE INJECTION LOG

DATE	TIME	ANALYST	FILE #	SAMPLE ID	JOB #	INJ. VOL.	EXT. WHT.	D.F.	STANDARD MIX #	I.S. / SS MIX
12/19/05	1140	LH/RB	G7380	VBLK29	—	5mL		—		1SS10 ICV/
	1231		G7381	E192-09 DL	E192			4		ISSOCCV/0
	1253		G7382	10 DL				4		
	1316		G7383	12 DL				20		
	1339		G7384	13 DL				20		
	1401		G7385	E216 01 DL	E216			100		
	1424		G7386	E167 04	E167					
	1447		G7387	E349 01	E349					
	1509		G7388	02						
	1532		G7389	E350 01	E350			20		
	1555		G7390	02						
	1618		G7391	E342 01	E342					
	1640		G7392	02						
	1703		G7393	03						
	1725		G7394	04						
	1748		G7395	05						
	1811		G7396	06						
	1833		G7397	07						
	1856		G7398	E346 01	E346			20		
	1919		G7399	02						
	1941		G7400	E167 05MS	E167				WS19BT-2, WS19BU-6	
	2004		G7401	05SD						
12/20/05	0953	LH/RB	G7402	1220BFBG1	—	5mL		—	WS12-4	1SS10RCV/0
	—		G7403	VSTD001 (NF)					WS6BN-3 WS12BV-4 WS13FC-7	
	—		G7404	VSTD010 (NF)						
	—		G7405	VSTD025 (NF)						
	1127		G7406	VSTD050						
	1150		G7407	VSTD100						
	1319		G7408	VSTD025						

STL BUFFALO

Reviewed By _____ 000032 NO. _____ Page

GCMS VOLATILE INJECTION LOG

AUTO #	I.S. #1 % REC.	I.S. #2 % REC.	I.S. #3 % REC.	S.S. #1 % REC.	S.S. #2 % REC.	S.S. #3 % REC.	S.S. #4 % REC.	REANALYSIS?	pH<2	COMMENTS
	~~101~~ 103	~~98~~ 102	~~99~~ 100	90	88	89	100		—	
	~~102~~ 104	~~100~~ 103	~~101~~ 103	90	89	89	101		✓	
	~~100~~ 101	~~98~~ 101	~~98~~ 99	90	91	89	99		✓	
	102 ~~101~~	~~99~~ 103	~~99~~ 101	90	89	88	98	Y	✓	Reshoot DF40
	103 ~~101~~	101 ~~98~~	~~99~~ 100	90	89	90	100	Y	✓	Reshoot DF 40
	100 ~~99~~	100 ~~97~~	~~99~~ ~~98~~	91	90	90	99		7	
	102 ~~101~~	102 ~~99~~	103 ~~102~~	89	88	88	99		✓	
	102 ~~101~~	102 ~~99~~	100 ~~99~~	90	89	88	98		✓	
	102 ~~100~~	100 ~~96~~	100 ~~99~~	89	88	90	99		✓	
	102 ~~100~~	102 ~~98~~	100 ~~99~~	89	89	90	98		✓	FOAMS
	100 ~~98~~	100 ~~96~~	99 ~~97~~	91	89	90	101		✓	
	100 ~~99~~	100 ~~97~~	99 ~~98~~	89	88	88	99		✓	
	100 ~~99~~	100 ~~97~~	98 ~~96~~	89	89	88	99		✓	
	103 ~~101~~	102 ~~99~~	100 ~~99~~	88	88	88	98		✓	
	101	102	100	88	88	87	97		✓	
	100	101	99	89	88	84	97		✓	
	99	98	96	90	89	90	100		✓	
	100	99	97	90	89	89	98		✓	
	98	97	96	89	90	90	101		7	FOAMS
	100	99	98	88	89	89	100		✓	
	101	100	100	92	89	90	101		✓	
	101	101	101	92	89	89	100		✓	
										PASS
										8260 SMLFGE (ASI... 2 of 30)

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GCMS VOLATILE INJECTION LOG

DATE	TIME	ANALYST	FILE #	SAMPLE ID	JOB #	INJ. VOL.	EXT. WHT.	D.F.	STANDARD MIX #	I.S. / SS MIX #
12/20/05	1340	LH/TRB	G7409	VSTD010		5mL			WS160PN-3 WS128A-4 WS13EC-7	IS510KS/OH
			G7410	VSTD001 (RB)						
↓	1425	↓	G7411	VSTD001	↓	↓	↓	↓	↓	↓

STL BUFFALO

Reviewed By _____ 000034 NO. _____

GCMS VOLATILE INJECTION LOG

#	AUTO #	I.S. #1 % REC.	I.S. #2 % REC.	I.S. #3 % REC.	S.S. #1 % REC.	S.S. #2 % REC.	S.S. #3 % REC.	S.S. #4 % REC.	REANALYSIS?	pH<2	COMMENTS
											8240 + GE (A51...2430)

Date

NO. _____

GCMS VOLATILE INJECTION LOG

DATE	TIME	ANALYST	FILE #	SAMPLE ID	JOB #	INJ. VOL.	EXT. WHT.	D.F.	STANDARD MIX #	I.S. / SS MIX #
12/22/05	1702	LH/TRO	G7605	E592 09	E592	5mL		1		1551DBX/DH
	1724		G7606	10				1		
	1746		G7607	11				1		
	1809		G7608	12				1		
	1831		G7609	13				1		
	1853		G7610	14				1		
	1916		G7611	E619 01	E619			1		
	1938		G7612	02				1		
	2000		G7613	03				1		
			G7614	E507 01	E507			25		
			G7615	02				1		
			G7616 TIC 12/27/05	E534 01 DL	E534			80		
12/27/05	2020	TLC	G76184	1227BFBG2	QC	5mL		1	WSIAA-1	1551DBX/DH
	2041		G7615	VSTD025					WS16BN-6, WS12BN-1, WS13PB-1	
	2106		G7616	ADD025					WS5AL-4, WS5AM-4	
	2129		G7617	MSB					WS3A5-10	
	2151		G7618	VBLK 37						
	2213		G7619	ASE46501	E465			4		
	2246		G7620	ASE5630 DL	E563			40		
	2308		G7621	ASE53401 DL	E534			80		
	2331		G7622	ASE50407	E504			20		
	2353		G7623	08				20		
	0016		G7624	09				5		
	0039		G7625	10				1		
	0101		G7626	11				4		
	0124		G7627	13				20		
	0147		G7628	ASE48606	E486			10		
	0210		G7629	07				1		
	0232		G7630	ASE50501 DL	E505			2		

STL BUFFALO

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GCMS VOLATILE INJECTION LOG

AUTO #	I.S. #1 % REC.	I.S. #2.% REC.	I.S. #3 % REC.	S.S. #1 % REC.	S.S. #2 % REC.	S.S. #3 % REC.	S.S. #4 % REC.	REANALYSIS?	pH<2	COMMENTS
	95	93	92	91	92	93	92		✓	
	94	93	92	90	93	93	91		✓	
	94	92	92	90	93	94	92		✓	
	93	91	92	92	93	94	93		✓	
	92	91	91	92	94	93	92		✓	
	91	89	90	91	94	95	93		✓	
	93	91	90	92	94	92	92		✓	
	91	89	91	90	91	94	93		✓	
	92	91	90	92	94	95	94		✓	
										NOT RUN (12 hr.) TIC 12/27/05
										PASS ASI... 2430 (8260 5mL) ASI 2430E ASI... 1959 (ADD 5mL)
	99	98	96	90	92	95	94		—	
	100	99	97	90	92	93	92		—	
	99	96	97	91	93	95	93		✓	
	101	100	98	89	91	93	91		✓	
	99	98	96	91	93	95	93		✓	
	97	97	96	90	95	97	95	Y	✓	DF 100
	99	98	98	91	0.40	95	93	Y	✓	DF 200 Surr. out
	97	97	97	92	94	95	93	Y	✓	DF 10
	99	98	99	90	94	95	92		?	
	100 ~~86~~ 110	99	98	89	92	93	91		✓	
	100	101	99	88	92	92	92		✓	
	100	100	100	90	93	95	93		✓	
	99	99	99	92	94	90	92		✓	
	98	97	95	89	92	92	92		✓	

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GCMS VOLATILE INJECTION LOG

DATE	TIME	ANALYST	FILE #	SAMPLE ID	JOB #	INJ. VOL.	EXT. WHT.	D.F.	STANDARD MIX #	I.S. / SS MIX #
12/28/05	0255	TLC	G7631	ASE490B	E490	5mL	5	5		ISSIDEX/OR1
	0317		G7632	ASE5407 DL	E554		12/27/05	20		
	0340		G7633	09 DL						
	0403		G7634	ASE5701	E507			25		
	0426		G7635	02				1		
	0448		G7636	ASE592 01MS	E592			1	WSSAS-10	
	0511		G7637	01SD				1		
	0534		G7638	02				2		
	0557		G7639	ASE5801	E587			1		
	0620		G7640	08						
	0643		G7641	09						

GCMS VOLATILE INJECTION LOG

AUTO #	I.S. #1 % REC.	I.S. #2 % REC.	I.S. #3 % REC.	S.S. #1 % REC.	S.S. #2 % REC.	S.S. #3 % REC.	S.S. #4 % REC.	REANALYSIS?	pH<2	COMMENTS
	96	95	95	91	95	95	93		✓	FOAMS
	97	96	97	90	92	94	91		✓	
	96	94	93	93	94	98	96		✓	
	97	105	99	91	93	88	88		✓	
	98	99	99	91	93	92	93		✓	
	98	97	96	92	92	94	93		✓	
	98	96	96	92	93	94	93		✓	
	99	97	96	90	92	94	93	.4	✓	DF1
	98	95	93	92	93	95	94		✓	
	100	97	96	89	91	95	94		✓	
	97	96	95	90	92	94	93		✓	

Date _____

000051

NO. _____

[redacted]

GCMS VOLATILE INJECTION LOG

DATE	TIME	ANALYST	FILE #	SAMPLE ID	JOB #	INJ. VOL.	EXT. WHT.	D.F.	STANDARD MIX #	I.S. / SS MIX
12/22/05	1617	QMS	Q9450	A52451 04	5451	5mL	5mL	5		IS8104
	1601		Q9451	03				1		
	1719		Q9452	02				5		
	1798		Q9453	01				1		
	1816		Q9454	A52367 01 MC RI	52367		4.07	1		
	1844		Q9455	03 MC RI			4.19	1		
	1917		Q9456	04 MC			4.03	5		
12/23/05	0806	QMS	Q9457	1223BFBQ1	QC	5mL	—	—	WS12-4	IS8104
	0929 0901		Q9458	VSTD100 05 QMS 12/23/05					WS6BN-9, WS12BU-10, WS13FC-8	
	0957 1029		Q9459	VSTD100						
	0957		Q9460	VSTD050						
	1026		Q9461	VSTD010						
			Q9462	VSTD001-MC						
	1146 1207	QMS 12/23/05	Q9463	VSTD001						
12/23/05	1232	QMS	Q9464	1223BFBQ2	QC	5mL	—	—	WS12-1	
	1232		Q9465	VSTD025				—	WS6BN-9, WS12BU-10, WS13FC-8	
	1302		Q9466	MSB-Full					WS19BT-9, WS19BU-9	
			Q9467	ADD025-MC						
			Q9468	VB1K36-MC						
	1435		Q9469	VB1K37						
	1517		Q9470	A52526 03	52526			1		
	1545		Q9471	A52527 06	52527			1		
	1614		Q9472	07				1		
	1642		Q9473	QMS 12/23/05 A5 2B11C 2-1516 TMP	2B11C			10		
	1710		Q9474	A52475 03	52475			1		
	1739		Q9475	A52526 01	52526			1		
	1807		Q9476	02				1		
	1836		Q9477	A52523 01	52523			1		
	1904		Q9478	02				1		

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GCMS VOLATILE INJECTION LOG

#	I.S. #1 % REC.	I.S. #2 % REC.	I.S. #3 % REC.	S.S. #1 % REC.	S.S. #2 % REC.	S.S. #3 % REC.	S.S. #4 % REC.	REANALYSIS?	pH<2	COMMENTS
	97	98	97	104	102	102			7	FORMS-LAP
	97	97	97	103	102	102			7	
	97	98	98	104	101	101			7	FORMS-LAP
	97	97	98	103	101	101			7	
	97	100	99	103	101	104			7	OK RF
	98	101	102	105	100	104			7	OK RF
	100	102	102	103	99	102			7	
										pass
										8260 SMD ASI_2444
										pass 8260 ASI_2444
	100	101	100	103	101	102	103		7	
	—	—	—	—	—	—	—	—		ADD 2nd 8260 ASI_Not used Not used/C.O. from MSB
	99	98	97	101	100	103	101			
	99	99	97	101	100	103	100			
	98	98	95	101	100	102	101			
	98	97	96	102	100	103	102			
	97	97	95	102	101	102	102			
	96	98	98	103	101	102	100			
	97	97	96	102	100	102	102			
	97	96	95	101	100	103	102			
	97	96	97	102	100	102	102			
	96	96	96	102	102	103	102			

GCMS VOLATILE INJECTION LOG

DATE	TIME	ANALYST	FILE #	SAMPLE ID	JOB #	INJ. VOL.	EXT. WHT.	D.F.	STANDARD MIX #	I.S. / SS MIX #
12/27/05	1705	CMS	Q9537	A552571 11	E5571	5mL		1		ISSDX4/CO
	1733		Q9538	10				1		
	1802		Q9539	09				1		
	1830		Q9540	08				1		
	1858		Q9541	07				1		
	1927		Q9542	06				1		
	1955		Q9543	05				1		
12/27/05	2018	TLC	Q9544	1227BFBQ2	QC	1µL			WS1AA-1	
	2040		Q9545	VSTD025		5mL			WS6BN-6, WS12BW-1, WS13FE-1	ISS104/CO
	2117		Q9546	MSB					WS3AS-10	
	2145		Q9547	VBLK40						
	2215		Q9548	ASE587 13	ES87			1		
	2243		Q9549	14						
	2312		Q9550	15						
	2340		Q9551	16						
12/28/05	0008		Q9552	17						
	0037		Q9553	18						
	0105		Q9554	19						
	0133		Q9555	20						
	0201		Q9556	ASE571 20DL	ES71			25		
	0230		Q9557	19DL				25		
	0258		Q9558	18DL				4		
	0326		Q9559	17DL				40		
	0355		Q9560	11				1		
	0423		Q9561	10						
	0451		Q9562	01						
	0519		Q9563	02						
	0548		Q9564	03						
	0616		Q9565	04						

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GCMS VOLATILE INJECTION LOG

I.S. / SS MIX #	AUTO #	I.S. #1 % REC.	I.S. #2 % REC.	I.S. #3 % REC.	S.S. #1 % REC.	S.S. #2 % REC.	S.S. #3 % REC.	S.S. #4 % REC.	REANALYSIS?	pH<2	COMMENTS
ISSDX4/CO		103	103	103	97	95	99	105	Y	✓	C.O.?
		102	103	102	96	95	99	103	Y	✓	C.O.?
		107	105	106	92	86	100	104	Y	✓	DF20
		107	105	108	93	91	100	105	Y	✓	DF10 C.O.?
		104	104	102	96	94	100	103	Y	✓	DF4 C.O.?
		102	102	102	95	92	99	103		✓	
		101	101	99	97	93	99	102		✓	
											PASS
SUBFET ISS10X/CO											ASI...2444 (8260 5mL)
		99	99	94	97	95	100	103		—	
		99	99	95	96	95	100	102		—	
		98	99	91	98	97	99	103		✓	
		97	98	95	100	97	100	101		✓	
		97	97	94	98	97	100	104		✓	
		97	97	93	98	96	100	104		✓	
		96	97	93	98	97	99	102		✓	
		96	96	93	98	97	100	104		✓	
		96	97	93	99	96	98	102		✓	
		96	94	91	99	97	101	104		✓	
		96	97	94	98	98	100	105	Y	✓	DF40
		97	98	95	99	98	99	105	Y	✓	DF50
		97	98	94	97	96	99	103	Y	✓	C.O.
		97	98	95	98	97	100	104	Y	✓	DF80
		98	98	94	98	96	100	104		✓	
		97	98	94	98	98	100	100		✓	
		95	97	94	100	98	100	103		✓	
		96	99	97	97	99	98	100		✓	
		97	98	96	100	99	100	103		✓	
		96	97	95	98	99	99	102		✓	

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GCMS VOLATILE INJECTION LOG

DATE	TIME	ANALYST	FILE #	SAMPLE ID	JOB #	INJ. VOL.	EXT. WHT.	D.F.	STANDARD MIX #	I.S./SS
12/22/05		LH	S9597	ASE129 07	E129	5mL	—	1		
			S9598	08						
			S9599	09						
			S9600	10						
			S9601	11						
			S9602	12						
			S9603	13						
			S9604	14						
			S9605	15						
			S9606	16						
			S9607	17						
			S9608	18						
			S9609	18MS						
			S9610	18SD					WS3AS-8	
12/22/05	1536	TLC	S9597	1222BFBS2	QC	5mL		1	WS12-4	
	1556		S9598	VSTD100					WS6BN-4, WS12BV-5, WS13FC-3	
	1620		S9599	VSTD050						
	1644		S9600	VSTD025						
	1709	TLC 12/22/05	S9601	VSTD010						
↓	1733		S9602	VSTD001						
12/23/05	1925	TLC	S9603	1222BFBS3	QC	1µL 5mL		1	WS12-4	
	1953		S9604	VSTD025					WS6BN-4, WS12BV-5, WS13FC-3	
	2016		S9605	MSB/SSDPL					WS19BT-9, WS19BU-9	
	2040		S9606	VBLK19						
			S9607	ASE129 20	E129					
			S9608	07						
			S9609	08						
			S9610	09						
			S9611	10	↓					

STL BUFFALO

Reviewed By _____ NO. _____

GCMS VOLATILE INJECTION LOG

I.S. #1 % REC.	I.S. #2 % REC.	I.S. #3 % REC.	S.S. #1 % REC.	S.S. #2 % REC.	S.S. #3 % REC.	S.S. #4 % REC.	REANALYSIS?	pH<2	COMMENTS
									NOT SHOT TIC 12/22/05
									PASS ASI...2441 8260/ASP SML
									ASI.. 2442 8260 SML
									PASS TIC 12/22/05 ASI...2442 8260/ASP SML
97	95	96	103	101	105	102		—	
90	89	84	104	105	103	99		—	

Date:

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GCMS VOLATILE INJECTION LOG

DATE	TIME	ANALYST	FILE #	SAMPLE ID	JOB #	INJ. VOL.	EXT. WHT.	D.F.	STANDARD MIX #	I.S. / SS MIX #
12/23/15	1641	MA	S9641	ASE45803	E458	5mL		1		ISSIOKP/NS
	1705		S9642	04				1		
	1729		S9643	05				1		
	1754		S9644	06				1		
	1818		S9645	ASE55401	E554			4		
	1842		S9646	02				4		
	1906		S9647	03				4		
	1931		S9648	04				5		
	1955		S9649	05				4		
	2019		S9650	06				5		
12/27/15	0949	MA	S9651	1227BFBS1		5mL			WS12-4	ISSIOKP/NS
	1013		S9652	VSTD025					WS6BN-5 WS12BV-6 WS13FD-1	
	1041		S9653	ATD025					WS5AL-4 WS5AM-4	
	1106		S9654	MSB (NG)					WS3AS-10	
	1130		S9655	VBUL21					—	
	1154		S9656	MSB					WS3AS-10	
	1220		S9657	ASE58707	E587			1		
	1245		S9658	ASE54501	E545			10		
	1309		S9659	ASE48201	E482			1		
	1333		S9660	02				1		
	1357		S9661	03				1		
	1421		S9662	ASE59301	E593			1		
	1446		S9663	ASE46501	E465			10		
	1510		S9664	ASE43914RE	E439			25		
	1534		S9665	ASE56301	E563			1		
	1558		S9666	02				5		
	1622		S9667	ASE58701	E587			1		
	1647		S9668	01ms				1	WS3AS-10	
	1711		S9669	01sd				1		

STL BUFFALO

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GCMS VOLATILE INJECTION LOG

AUTO #	I.S. #1 % REC.	I.S. #2 % REC.	I.S. #3 % REC.	S.S. #1 % REC.	S.S. #2 % REC.	S.S. #3 % REC.	S.S. #4 % REC.	REANALYSIS?	pH<2	COMMENTS
	89	87	79	~~104~~ 93	~~104~~ 90	~~102~~ 86	~~95~~ 86		✓	
	90	88	79	~~111~~ 99	~~110~~ 95	~~107~~ 90	~~99~~ 90		✓	
	89	87	80	~~105~~ 92	~~102~~ 88	~~100~~ 84	~~97~~ 85		✓	
	88	87	80	~~109~~ 93	~~103~~ 89	~~101~~ 85	~~93~~ 84		✓	
	89	87	79	~~101~~ 92	~~102~~ 88	~~103~~ 86	~~94~~ 85	MA 12/27/05	✓	FOAMS HOP
	93	91	83	~~99~~ 88	~~98~~ 85	~~98~~ 83	~~91~~ 83		✓	
	94	90	83	~~100~~ 89	~~101~~ 87	~~101~~ 85	~~93~~ 84		✓	
	93	92	84	~~98~~ 87	~~98~~ 84	~~96~~ 80	~~99~~ 80		✓	
	88	86	78	~~104~~ 93	~~102~~ 88	~~102~~ 85	~~95~~ 86		✓	
	92	90	82	~~99~~ 89	~~99~~ 85	~~97~~ 82	~~90~~ 81		✓	
										PASS 2442
										8260 (ASI... 2242)
										ARO (ASI... 2299)
	99	98	92	95	95	91	86		—	
	92	93	87	100	97	92	85		—	
	96	94	90	101	99	97	89		—	
	93	94	88	101	98	95	87		X	
	97	98	93	94	93	88	81		X	FOAMS HOP
	98	97	95	91	90	87	82		X	
	95	94	89	98	94	92	82		X	
	95	96	90	101	96	93	82		X	
	91	90	85	100	98	95	84		X	
	91	92	86	106	102	98	87	Y	X	limited volume DF
	91	91	84	101	96	94	82		~7	
	93	93	85	99	96	94	80		X	
	95	85	88	97	95	105	96	Y	X	FOAMS HOP DF 40
	90	91	85	105	102	98	85	Y	X	C.O.
	96	95	90	94	91	91	79		X	
	96	95	89	99	97	94	84		X	

Page 1 Date _____

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NO. _____

500/504

GCMS VOLATILE INJECTION LOG

DATE	TIME	ANALYST	FILE #	SAMPLE ID		JOB #	INJ. VOL.	EXT. WHT.	D.F.	STANDARD MIX #	I.S. / SS
12/27/05	1735	LA	S9670	ASE587 02		E587	5mL		80		ISS10KP
	1759		S9671	03					1		
	1824		S9672	04					1		
	1848		S9673	05					1		
	1912		S9674	06					25		
	1936		S9675	ASE585 07		E585			1		
	2000		S9676	06					1		
	2025		S9677	05					1		
	2049		S9678	04					1		
	2113		S9679	03					1		
	2137		S9680	02					1		
	2200		S9681	01					1		
12/27/05	2250	TLC	S9682	ASE376 01	VHB's	E376	5mL		1		ISS1KP/N
	2314		S9683	02							
	2339		S9684	03							
12/28/05	0003		S9685	04							
	0027		S9686	05							
	0052		S9687	06							
	0116		S9688	07							
	0141		S9689	08							
12/28/05	0831	LA	S9690	1228BFBS1			5mL			WS12-4	ISS10KP
	0852		S9691	VSTD025						WS6BN-10 WS12BW-2 WS13FE-2	
	0919		S9692	MSB						WS3AS-10	
	0944		S9693	VBLK22							
	1008		S9694	ASE587 10		E587			1		
	1032		S9695	12					4		
	1056		S9696	02					4		
	1121		S9697	ASE585 01		E585			1		
	1145		S9698	ASE475 01DL		E475			4		

STL BUFFALO

00095

Reviewed By _____ NO. _____

501504

GCMS VOLATILE INJECTION LOG

0107	I.S. #1 % REC.	I.S. #2 % REC.	I.S. #3 % REC.	S.S. #1 % REC.	S.S. #2 % REC.	S.S. #3 % REC.	S.S. #4 % REC.	REANALYSIS?	pH<2	COMMENTS
	92	95	86	99	96	92	80	Y	X	DF4
	88	90	83	105	103	98	85		X	
	89	91	88	101	98	93	84		X	
	96	97	94	95	92	90	80		X	
	93	93	86	104	102	99	87		X	
	96	97	89	95	92	89	76		X	
	89	90	84	104	100	97	85		X	
	87	90	84	104	99	93	81		X	
	88	90	83	106	102	97	84		X	
	87	89	82	108	102	98	84		X	
	86	89	83	104	102	96	85		X	
	90	94	86	100	95	88	77	Y	X	12hr.
									—	VHB's
									—	
									—	
									—	
									—	
									—	
									—	
									—	PASS
										8260 EL (ASE...2442)
	101	98	87	107	104	98	88		—	
	96	96	84	107	105	95	86		—	
	97	97	87	103	98	91	82	Y	X	DF2
	97	96	85	104	101	93	82	Y	X	DF1
	95	95	83	107	106	96	85		X	
	97	97	86	101	97	89	78		X	
	103	100	90	97	96	88	78		X	

Date _____

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NO. _____ Page 2

502/504

GCMS VOLATILE INJECTION LOG

DATE	TIME	ANALYST	FILE #	SAMPLE ID	JOB #	INJ. VOL.	EXT. WHT.	D.F.	STANDARD MIX #	I.S. / SS MIX #
12/28/05	1209	LA	S9699	ASE475 02 dl	E475	5mL		4		ISS 01 CP/NE
	1234		S9700	ASE623 01	E623			1		
	1258		S9701	02				1		
	1322		S9702	03				1		
	1347		S9703	04				1		
	1412		S9704	04 ms				1	WS3AS-10	
	1436		S9705	04 SD				1	1	
	1500		S9706	05				1		
	1525		S9707	06				1		
	1549		S9708	ASE602 01 dl	E602			40		
	1613		S9709	02 dl				200		
	1638		S9710	04 dl				80		
	1702		S9711	05 dl				80		
	1726		S9712	07				1		
	1750		S9713	ASE605 04	E605			1		
	1815		S9714	03 dl				50		
	1839		S9715	07				1		
	1903		S9716	01 dl				100		
12/28/05	1931	TLC	S9717	1228BFBS2	QC	1µL			WS1AA-1	ISS 01 CP/NE
	1947		S9718	VSTD025		5mL			WS6BW-10, WS2BW-2, WS13FE-2	
	2011		S9719	ADD025					WS8AL-4, WS5AM-4	
	2035		S9720	MSB (FULL)					WS19BT-6, WS19BW-7	
	2059		S9721	VBLK23						
	2129		S9722	ASE532 02	ES32			1		
	2154		S9723	ASE528 02	ES28			1		
	2218		S9724	ASE587 10	ES87			2		
	2242		S9725	1 12	1			1		
	2307		S9726	ASES3501	ES35			10		
	2331		S9727	ASES3201	ES32			25		

STL BUFFALO

000098

Reviewed By _____ NO. _____

GCMS VOLATILE INJECTION LOG

AUTO #	I.S. #1 % REC.	I.S. #2 % REC.	I.S. #3 % REC.	S.S. #1 % REC.	S.S. #2 % REC.	S.S. #3 % REC.	S.S. #4 % REC.	REANALYSIS?	pH<2	COMMENTS
	100	97	88	102	97	91	79		X	
	93	95	85	105	104	92	83		X	
	97	98	89	102	99	88	78		X	
	96	96	88	110	105	96	85		X	
	92	93	85	107	106	94	84		X	
	98	97	89	100	97	90	81		X	
	98	97	90	99	96	90	81		X	
	94	95	86	109	106	95	86		X	
	92	93	86	109	105	93	83		X	
	95	94	85	104	99	92	82	Y	X	DF4
	96	94	85	99	94	89	80	Y	X	DF20
	97	95	87	98	95	88	91	Y	X	DF20 and DF2
	93	92	83	102	100	91	81	Y	X	DF25 and DF2.5
	88	90	89	109	106	93	82		X	
	87	89	78	108	107	93	82		X	
	92	91	83	101	99	92	83	Y	X	DF5
	98	95	91	100	100	93	88	Y	X	DF10
	92	90	83	109	103	98	87	Y	X	DF40 and DF4
										PASS
										ASI... 2442 (8260 5mL)
										ASI... 2299 (ADD 5mL)
	106	103	101	100	96	93	88			
	99	98	86	100	99	89	81			
	100	98	86	103	101	91	82		X	
	93	93	82	109	105	95	86		X	
	95	94	84	106	103	93	85		X	
	92	94	83	111	108	96	88		X	
	108	109	104	100	98	89	92	Y	X	FORMS LOP DF 100
	108	106	104	102	103	93	93	Y	X	1 C.O?

Date _____

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NO. _____ Page

504/504

ANALYTICAL REPORT

Job#: A05-E592

STL Project#: NY4A9171
SDG#: 1205GW
Site Name: Environmental Strategies Corporation
Task: Sherburne

Mr. David Bouchard
Environmental Strategies Corp.
5 Sullivan Street
Cazenovia, NY 13035

STL Buffalo

Candace L. Fox
Project Manager

01/11/2006

STL Buffalo
Current Certifications

As of 12/28/2005

STATE	Program	Cert # / Lab ID
AFCEE	AFCEE	
Arkansas	SDWA, CWA, RCRA, SOIL	03-054-D/88-0686
California	NELAP CWA, RCRA	01169CA
Connecticut	SDWA, CWA, RCRA, SOIL	PH-0568
Florida	NELAP CWA, 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	SDWA,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
Oklahoma	CWA, RCRA	9421
Pennsylvania	Env. Lab Reg.	68-281
South Carolina	RCRA	91013
Tennessee	SDWA	02970
USACE	USACE	
USDA	FOREIGN SOIL PERMIT	S-41579
USDOE	Department of Energy	DOECAP-STB
Virginia	SDWA	278
Washington	CWA,RCRA	C254
West Virginia	CWA,RCRA	252
Wisconsin	CWA	998310390

Sample Data Summary Package

SAMPLE SUMMARY

LAB SAMPLE ID	CLIENT SAMPLE ID	MATRIX	SAMPLED DATE	SAMPLED TIME	RECEIVED DATE	RECEIVED TIME
A5E59208	EB-122205	WATER	12/22/2005	11:10	12/23/2005	10:15
A5E59202	MW-22	WATER	12/21/2005	17:03	12/23/2005	10:15
A5E59209	MW-23	WATER	12/22/2005	11:21	12/23/2005	10:15
A5E59206	MW-24	WATER	12/22/2005	09:20	12/23/2005	10:15
A5E59203	MW-25	WATER	12/21/2005	17:25	12/23/2005	10:15
A5E59212	MW-26	WATER	12/22/2005	13:51	12/23/2005	10:15
A5E59210	MW-27	WATER	12/22/2005	11:20	12/23/2005	10:15
A5E59214	MW-29	WATER	12/22/2005	15:05	12/23/2005	10:15
A5E59207	MW-30	WATER	12/22/2005	10:35	12/23/2005	10:15
A5E59201	MW-31	WATER	12/21/2005	10:25	12/23/2005	10:15
A5E59201MS	MW-31	WATER	12/21/2005	10:25	12/23/2005	10:15
A5E59201SD	MW-31	WATER	12/21/2005	10:25	12/23/2005	10:15
A5E59205	MW-37	WATER	12/22/2005	08:56	12/23/2005	10:15
A5E59204	MW-38	WATER	12/22/2005	08:45	12/23/2005	10:15
A5E59211	P-10	WATER	12/22/2005	13:50	12/23/2005	10:15
A5E59213	P-11	WATER	12/22/2005	14:15	12/23/2005	10:15

METHODS SUMMARY

Job#: A05-E592

STL Project#: NY4A9171
SDG#: 1205GW
Site Name: Environmental Strategies Corporation

PARAMETER	ANALYTICAL METHOD
METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W	SW8463 8260

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-E592

STL Project#: NY4A9171
SDG#: 1205GW
Site Name: Environmental Strategies Corporation

General Comments

The enclosed data may or may not 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-E592
Sample Cooler(s) were received at the following temperature(s); 2.0 °C
All samples were received in good condition.

GC/MS Volatile Data

Based on historical data sample MW-22 was originally analyzed at a dilution factor 2.0. Data review revealed that this sample was over-diluted. As a result sample MW-22 was reanalyzed undiluted. However,
sample MW-22 RI was analyzed from a vial containing headspace. Both sets of data were reported. The volatile organic results for sample MW-22 RI may be biased low.

All samples were preserved to a PH less than 2.

The spike recovery of the analyte 1,1-Dichloroethene in the Matrix Spike of sample MW-31 fell below quality control limits. The Relative Percent Difference (RPD) between the Matrix Spike and the Matrix Spike Duplicate of sample MW-31 exceeded quality control limits for the analytes 1,1-Dichloroethene, Trichloroethene, Benzene, Toluene and Chlorobenzene. The Matrix Spike Blank recoveries were compliant, so no corrective action is required.

Initial calibration standard curve A5I0002430-1 exhibited the %RSD of the compounds Bromomethane, Chloroethane, Methylene Chloride and 1,2,4-Trichlorobenzene as greater than 15%. However, the mean RSD of all compounds is 6.44%.

****

Date: 01/11/2006 Dilution Log w/Code Information Page: 1
Time: 16:15:11 For Job A05-E592 Rept: AN1266R

Client Sample ID	Lab Sample ID	Parameter (Inorganic)/Method (Organic)	Dilution	Code
MW-22	A5E59202	8260	2.00	013

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

STL

DATA QUALIFIER PAGE

These definitions are provided in the event the data in this report requires the use of one or more of the qualifiers. Not all qualifiers defined below are necessarily used in the accompanying data package.

ORGANIC DATA QUALIFIERS

ND or U	Indicates compound was analyzed for, but not detected.
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 CLP methodology only. For Pesticide/Aroclor target analytes, when a difference for detected concentrations between the two GC columns is greater than 25%, 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. Report with the detection limit value.
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.
S	Indicates value determined by the Method of Standard Addition.
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 the spike or duplicate analysis is not within the quality control limits.
+	Indicates the correlation coefficient for the Method of Standard Addition is less than 0.995.

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.

EB-122205

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 1205GW

Matrix: (soil/water) WATER Lab Sample ID: A5E59208

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G7604.RR

Level: (low/med) LOW Date Samp/Recv: 12/22/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/27/2005

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	5.0	U
71-43-2	Benzene	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon Disulfide	1.0	U
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	1.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	1.0	U
110-82-7	Cyclohexane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-59-2	cis-1,2-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
98-82-8	Isopropylbenzene	1.0	U
79-20-9	Methyl acetate	1.0	U
108-87-2	Methylcyclohexane	1.0	U
75-09-2	Methylene chloride	1.0	U

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.

EB-122205

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 1205GW

Matrix: (soil/water) WATER Lab Sample ID: A5E59208

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G7604.RR

Level: (low/med) LOW Date Samp/Recv: 12/22/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/27/2005

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	5.0	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	1.0	U
91-20-3	Naphthalene	1.0	U
100-42-5	Styrene	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
79-01-6	Trichloroethene	1.0	U
75-01-4	Vinyl chloride	1.0	U
1330-20-7	Total Xylenes	3.0	U

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

12/304
Client No.

MW-22

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 1205GW

Matrix: (soil/water) WATER Lab Sample ID: A5E59202

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G7638.RR

Level: (low/med) LOW Date Samp/Recv: 12/21/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/28/2005

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 2.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	10	U
71-43-2	Benzene	2.0	U
75-27-4	Bromodichloromethane	2.0	U
75-25-2	Bromoform	2.0	U
74-83-9	Bromomethane	2.0	U
78-93-3	2-Butanone	10	U
75-15-0	Carbon Disulfide	2.0	U
56-23-5	Carbon Tetrachloride	2.0	U
108-90-7	Chlorobenzene	2.0	U
75-00-3	Chloroethane	2.0	U
67-66-3	Chloroform	2.0	U
74-87-3	Chloromethane	2.0	U
110-82-7	Cyclohexane	2.0	U
106-93-4	1,2-Dibromoethane	2.0	U
124-48-1	Dibromochloromethane	2.0	U
96-12-8	1,2-Dibromo-3-chloropropane	2.0	U
95-50-1	1,2-Dichlorobenzene	2.0	U
541-73-1	1,3-Dichlorobenzene	2.0	U
106-46-7	1,4-Dichlorobenzene	2.0	U
75-71-8	Dichlorodifluoromethane	2.0	U
75-34-3	1,1-Dichloroethane	2.0	U
107-06-2	1,2-Dichloroethane	2.0	U
75-35-4	1,1-Dichloroethene	2.0	U
156-59-2	cis-1,2-Dichloroethene	36	
156-60-5	trans-1,2-Dichloroethene	1.8	J
78-87-5	1,2-Dichloropropane	2.0	U
10061-01-5	cis-1,3-Dichloropropene	2.0	U
10061-02-6	trans-1,3-Dichloropropene	2.0	U
100-41-4	Ethylbenzene	2.0	U
591-78-6	2-Hexanone	10	U
98-82-8	Isopropylbenzene	2.0	U
79-20-9	Methyl acetate	2.0	U
108-87-2	Methylcyclohexane	2.0	U
75-09-2	Methylene chloride	2.0	U

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

13/304
Client No.

MW-22

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 1205GW

Matrix: (soil/water) WATER Lab Sample ID: A5E59202

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G7638.RR

Level: (low/med) LOW Date Samp/Recv: 12/21/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/28/2005

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 2.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	10	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	2.0	U
91-20-3	Naphthalene	2.0	U
100-42-5	Styrene	2.0	U
79-34-5	1,1,2,2-Tetrachloroethane	2.0	U
127-18-4	Tetrachloroethene	2.0	U
108-88-3	Toluene	2.0	U
120-82-1	1,2,4-Trichlorobenzene	2.0	U
71-55-6	1,1,1-Trichloroethane	2.0	U
79-00-5	1,1,2-Trichloroethane	2.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	2.0	U
75-69-4	Trichlorofluoromethane	2.0	U
79-01-6	Trichloroethene	13	
75-01-4	Vinyl chloride	2.0	U
1330-20-7	Total Xylenes	6.0	U

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

14/304
Client No.

MW-22 RI

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 1205GW

Matrix: (soil/water) WATER Lab Sample ID: A5E59202RI

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G7650.RR

Level: (low/med) LOW Date Samp/Recv: 12/21/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/28/2005

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	5.0	U
71-43-2	Benzene	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon Disulfide	1.0	U
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	1.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	1.0	U
110-82-7	Cyclohexane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-59-2	cis-1,2-Dichloroethene	30	
156-60-5	trans-1,2-Dichloroethene	1.4	
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
98-82-8	Isopropylbenzene	1.0	U
79-20-9	Methyl acetate	1.0	U
108-87-2	Methylcyclohexane	1.0	U
75-09-2	Methylene chloride	1.0	U

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

15/304
Client No.

MW-22 RI

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 1205GW

Matrix: (soil/water) WATER Lab Sample ID: A5E59202RI

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G7650.RR

Level: (low/med) LOW Date Samp/Recv: 12/21/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/28/2005

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	5.0	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	1.0	U
91-20-3	Naphthalene	0.45	J
100-42-5	Styrene	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
79-01-6	Trichloroethene	9.6	
75-01-4	Vinyl chloride	1.0	U
1330-20-7	Total Xylenes	3.0	U

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.

MW-23

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 1205GW

Matrix: (soil/water) WATER Lab Sample ID: A5E59209

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G7605.RR

Level: (low/med) LOW Date Samp/Recv: 12/22/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/27/2005

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	5.0	U
71-43-2	Benzene	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon Disulfide	1.0	U
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	1.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	1.0	U
110-82-7	Cyclohexane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-59-2	cis-1,2-Dichloroethene	8.0	
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
98-82-8	Isopropylbenzene	1.0	U
79-20-9	Methyl acetate	1.0	U
108-87-2	Methylcyclohexane	1.0	U
75-09-2	Methylene chloride	1.0	U

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.

MW-23

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 1205GW

Matrix: (soil/water) WATER Lab Sample ID: A5E59209

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G7605.RR

Level: (low/med) LOW Date Samp/Recv: 12/22/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/27/2005

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	5.0	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	1.0	U
91-20-3	Naphthalene	1.0	U
100-42-5	Styrene	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
79-01-6	Trichloroethene	0.86	J
75-01-4	Vinyl chloride	0.77	J
1330-20-7	Total Xylenes	3.0	U

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.

MW-24

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 1205GW

Matrix: (soil/water) WATER Lab Sample ID: A5E59206

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G7602.RR

Level: (low/med) LOW Date Samp/Recv: 12/22/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/27/2005

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	5.0	U
71-43-2	Benzene	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon Disulfide	1.0	U
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	1.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	1.0	U
110-82-7	Cyclohexane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-59-2	cis-1,2-Dichloroethene	1.8	
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
98-82-8	Isopropylbenzene	1.0	U
79-20-9	Methyl acetate	1.0	U
108-87-2	Methylcyclohexane	1.0	U
75-09-2	Methylene chloride	1.0	U

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.

MW-24

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 1205GW

Matrix: (soil/water) WATER Lab Sample ID: A5E59206

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G7602.RR

Level: (low/med) LOW Date Samp/Recv: 12/22/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/27/2005

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	5.0	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	1.0	U
91-20-3	Naphthalene	1.0	U
100-42-5	Styrene	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
79-01-6	Trichloroethene	0.77	J
75-01-4	Vinyl chloride	0.62	J
1330-20-7	Total Xylenes	3.0	U

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.

MW-25

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 1205GW

Matrix: (soil/water) WATER Lab Sample ID: A5E59203

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G7599.RR

Level: (low/med) LOW Date Samp/Recv: 12/21/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/27/2005

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	5.0	U
71-43-2	Benzene	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon Disulfide	1.0	U
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	1.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	1.0	U
110-82-7	Cyclohexane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-59-2	cis-1,2-Dichloroethene	29	
156-60-5	trans-1,2-Dichloroethene	0.98	J
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	0.50	J
591-78-6	2-Hexanone	5.0	U
98-82-8	Isopropylbenzene	0.64	J
79-20-9	Methyl acetate	1.0	U
108-87-2	Methylcyclohexane	1.0	U
75-09-2	Methylene chloride	1.0	U

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.

MW-25

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 1205GW

Matrix: (soil/water) WATER Lab Sample ID: A5E59203

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G7599.RR

Level: (low/med) LOW Date Samp/Recv: 12/21/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/27/2005

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	5.0	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	1.0	U
91-20-3	Naphthalene	1.0	U
100-42-5	Styrene	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
79-01-6	Trichloroethene	0.58	J
75-01-4	Vinyl chloride	14	
1330-20-7	Total Xylenes	3.0	U

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.

MW-26

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 1205GW

Matrix: (soil/water) WATER Lab Sample ID: A5E59212

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G7608.RR

Level: (low/med) LOW Date Samp/Recv: 12/22/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/27/2005

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	5.0	U
71-43-2	Benzene	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon Disulfide	1.0	U
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	1.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	1.0	U
110-82-7	Cyclohexane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-59-2	cis-1,2-Dichloroethene	43	
156-60-5	trans-1,2-Dichloroethene	3.2	
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
98-82-8	Isopropylbenzene	1.0	U
79-20-9	Methyl acetate	1.0	U
108-87-2	Methylcyclohexane	1.0	U
75-09-2	Methylene chloride	1.0	U

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.

MW-26

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 1205GW

Matrix: (soil/water) WATER Lab Sample ID: A5E59212

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G7608.RR

Level: (low/med) LOW Date Samp/Recv: 12/22/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/27/2005

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	5.0	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	1.0	U
91-20-3	Naphthalene	1.0	U
100-42-5	Styrene	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
79-01-6	Trichloroethene	0.54	J
75-01-4	Vinyl chloride	1.0	
1330-20-7	Total Xylenes	3.0	U

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.

MW-27

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 1205GW

Matrix: (soil/water) WATER Lab Sample ID: A5E59210

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G7606.RR

Level: (low/med) LOW Date Samp/Recv: 12/22/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/27/2005

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	5.0	U
71-43-2	Benzene	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon Disulfide	1.0	U
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	1.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	1.0	U
110-82-7	Cyclohexane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-59-2	cis-1,2-Dichloroethene	1.4	
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
98-82-8	Isopropylbenzene	1.0	U
79-20-9	Methyl acetate	1.0	U
108-87-2	Methylcyclohexane	1.0	U
75-09-2	Methylene chloride	1.0	U

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.

MW-27

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 1205GW

Matrix: (soil/water) WATER Lab Sample ID: A5E59210

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G7606.RR

Level: (low/med) LOW Date Samp/Recv: 12/22/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/27/2005

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	5.0	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	1.0	U
91-20-3	Naphthalene	1.0	U
100-42-5	Styrene	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
79-01-6	Trichloroethene	0.59	J
75-01-4	Vinyl chloride	1.0	
1330-20-7	Total Xylenes	3.0	U

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.

MW-29

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 1205GW

Matrix: (soil/water) WATER Lab Sample ID: A5E59214

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G7610.RR

Level: (low/med) LOW Date Samp/Recv: 12/22/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/27/2005

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	5.0	U
71-43-2	Benzene	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon Disulfide	1.0	U
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	1.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	1.0	U
110-82-7	Cyclohexane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-59-2	cis-1,2-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
98-82-8	Isopropylbenzene	1.0	U
79-20-9	Methyl acetate	1.0	U
108-87-2	Methylcyclohexane	1.0	U
75-09-2	Methylene chloride	1.0	U

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.

MW-29

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 1205GW

Matrix: (soil/water) WATER Lab Sample ID: A5E59214

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G7610.RR

Level: (low/med) LOW Date Samp/Recv: 12/22/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/27/2005

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	5.0	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	1.0	U
91-20-3	Naphthalene	1.0	U
100-42-5	Styrene	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
79-01-6	Trichloroethene	0.90	J
75-01-4	Vinyl chloride	1.0	U
1330-20-7	Total Xylenes	3.0	U

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.

MW-30

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 1205GW

Matrix: (soil/water) WATER Lab Sample ID: A5E59207

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G7603.RR

Level: (low/med) LOW Date Samp/Recv: 12/22/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/27/2005

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	5.0	U
71-43-2	Benzene	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon Disulfide	1.0	U
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	1.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	1.0	U
110-82-7	Cyclohexane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-59-2	cis-1,2-Dichloroethene	0.44	J
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
98-82-8	Isopropylbenzene	1.0	U
79-20-9	Methyl acetate	1.0	U
108-87-2	Methylcyclohexane	1.0	U
75-09-2	Methylene chloride	1.0	U

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.

MW-30

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 1205GW

Matrix: (soil/water) WATER Lab Sample ID: A5E59207

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G7603.RR

Level: (low/med) LOW Date Samp/Recv: 12/22/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/27/2005

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	5.0	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	1.0	U
91-20-3	Naphthalene	1.0	U
100-42-5	Styrene	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
79-01-6	Trichloroethene	0.42	J
75-01-4	Vinyl chloride	1.0	U
1330-20-7	Total Xylenes	3.0	U

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.

MW-31

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 1205GW

Matrix: (soil/water) WATER Lab Sample ID: A5E59201

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G7595.RR

Level: (low/med) LOW Date Samp/Recv: 12/21/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/27/2005

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	5.0	U
71-43-2	Benzene	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon Disulfide	1.0	U
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	1.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	1.0	U
110-82-7	Cyclohexane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-59-2	cis-1,2-Dichloroethene	99	
156-60-5	trans-1,2-Dichloroethene	8.2	
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
98-82-8	Isopropylbenzene	1.0	U
79-20-9	Methyl acetate	1.0	U
108-87-2	Methylcyclohexane	1.0	U
75-09-2	Methylene chloride	1.0	U

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.

MW-31

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 1205GW

Matrix: (soil/water) WATER Lab Sample ID: A5E59201

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G7595.RR

Level: (low/med) LOW Date Samp/Recv: 12/21/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/27/2005

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	5.0	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	2.4	
91-20-3	Naphthalene	1.0	U
100-42-5	Styrene	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
79-01-6	Trichloroethene	48	
75-01-4	Vinyl chloride	1.0	U
1330-20-7	Total Xylenes	3.0	U

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.

MW-37

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 1205GW

Matrix: (soil/water) WATER Lab Sample ID: A5E59205

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G7601.RR

Level: (low/med) LOW Date Samp/Recv: 12/22/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/27/2005

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	5.0	U
71-43-2	Benzene	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon Disulfide	1.0	U
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	1.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	1.0	U
110-82-7	Cyclohexane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-59-2	cis-1,2-Dichloroethene	50	
156-60-5	trans-1,2-Dichloroethene	2.4	
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
98-82-8	Isopropylbenzene	1.0	U
79-20-9	Methyl acetate	1.0	U
108-87-2	Methylcyclohexane	1.0	U
75-09-2	Methylene chloride	1.0	U

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.

MW-37

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 1205GW

Matrix: (soil/water) WATER Lab Sample ID: A5E59205

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G7601.RR

Level: (low/med) LOW Date Samp/Recv: 12/22/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/27/2005

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	5.0	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	0.51	J
91-20-3	Naphthalene	1.0	U
100-42-5	Styrene	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
79-01-6	Trichloroethene	81	
75-01-4	Vinyl chloride	1.0	U
1330-20-7	Total Xylenes	3.0	U

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.

MW-38

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 1205GW

Matrix: (soil/water) WATER Lab Sample ID: A5E59204

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G7600.RR

Level: (low/med) LOW Date Samp/Recv: 12/22/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/27/2005

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	5.0	U
71-43-2	Benzene	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon Disulfide	1.0	U
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	1.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	1.0	U
110-82-7	Cyclohexane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U
75-34-3	1,1-Dichloroethane	1.2	
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-59-2	cis-1,2-Dichloroethene	0.54	J
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
98-82-8	Isopropylbenzene	1.0	U
79-20-9	Methyl acetate	1.0	U
108-87-2	Methylcyclohexane	1.0	U
75-09-2	Methylene chloride	1.0	U

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.

MW-38

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 1205GW

Matrix: (soil/water) WATER Lab Sample ID: A5E59204

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G7600.RR

Level: (low/med) LOW Date Samp/Recv: 12/22/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/27/2005

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	5.0	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	35	
91-20-3	Naphthalene	1.0	U
100-42-5	Styrene	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	0.61	J
108-88-3	Toluene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
71-55-6	1,1,1-Trichloroethane	6.0	
79-00-5	1,1,2-Trichloroethane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
79-01-6	Trichloroethene	19	
75-01-4	Vinyl chloride	1.0	U
1330-20-7	Total Xylenes	3.0	U

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.

P-10

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 1205GW

Matrix: (soil/water) WATER Lab Sample ID: A5E59211

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G7607.RR

Level: (low/med) LOW Date Samp/Recv: 12/22/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/27/2005

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	5.0	U
71-43-2	Benzene	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon Disulfide	1.0	U
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	1.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	1.0	U
110-82-7	Cyclohexane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-59-2	cis-1,2-Dichloroethene	16	
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
98-82-8	Isopropylbenzene	1.0	U
79-20-9	Methyl acetate	1.0	U
108-87-2	Methylcyclohexane	1.0	U
75-09-2	Methylene chloride	1.0	U

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.

P-10

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 1205GW

Matrix: (soil/water) WATER Lab Sample ID: A5E59211

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G7607.RR

Level: (low/med) LOW Date Samp/Recv: 12/22/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/27/2005

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	5.0	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	1.0	U
91-20-3	Naphthalene	1.0	U
100-42-5	Styrene	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
79-01-6	Trichloroethene	3.3	
75-01-4	Vinyl chloride	1.0	U
1330-20-7	Total Xylenes	3.0	U

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.

P-11

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 1205GW

Matrix: (soil/water) WATER Lab Sample ID: A5E59213

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G7609.RR

Level: (low/med) LOW Date Samp/Recv: 12/22/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/27/2005

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	5.0	U
71-43-2	Benzene	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon Disulfide	1.0	U
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	1.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	1.0	U
110-82-7	Cyclohexane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-59-2	cis-1,2-Dichloroethene	12	
156-60-5	trans-1,2-Dichloroethene	1.3	
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
98-82-8	Isopropylbenzene	1.0	U
79-20-9	Methyl acetate	1.0	U
108-87-2	Methylcyclohexane	1.0	U
75-09-2	Methylene chloride	1.0	U

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.

P-11

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 1205GW

Matrix: (soil/water) WATER Lab Sample ID: A5E59213

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G7609.RR

Level: (low/med) LOW Date Samp/Recv: 12/22/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/27/2005

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	5.0	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	1.0	U
91-20-3	Naphthalene	1.0	U
100-42-5	Styrene	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
79-01-6	Trichloroethene	1.0	U
75-01-4	Vinyl chloride	7.4	
1330-20-7	Total Xylenes	3.0	U

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
WATER SURROGATE RECOVERY

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: ____ SAS No.: ____ SDG No.: 1205GW

	Client Sample ID	Lab Sample ID	BFB %REC	#	DCE %REC	#	TOL %REC	#						TOT OUT
1	EB-122205	A5E59208	92		92		94							0
2	MSB36	A5B2007001	93		92		95							0
3	MSB37	A5E59216	94		92		95							0
4	MSB38	A5B2013901	93		91		94							0
5	MW-22	A5E59202	93		92		94							0
6	MW-22 RI	A5E59202RI	95		92		95							0
7	MW-23	A5E59209	92		92		93							0
8	MW-24	A5E59206	92		93		94							0
9	MW-25	A5E59203	92		93		92							0
10	MW-26	A5E59212	93		93		94							0
11	MW-27	A5E59210	91		93		93							0
12	MW-29	A5E59214	93		94		95							0
13	MW-30	A5E59207	92		92		94							0
14	MW-31	A5E59201	93		94		94							0
15	MW-31	A5E59201MS	92		93		92							0
16	MW-31	A5E59201SD	91		92		93							0
17	MW-37	A5E59205	92		95		95							0
18	MW-38	A5E59204	94		94		95							0
19	P-10	A5E59211	92		93		94							0
20	P-11	A5E59213	92		94		93							0
21	VBLK36	A5B2007002	94		93		94							0
22	VBLK37	A5E59215	92		92		93							0
23	VBLK38	A5B2013902	93		91		94							0

			QC LIMITS
BFB	=	p-Bromofluorobenzene	(73-120)
DCE	=	1,2-Dichloroethane-D4	(72-143)
TOL	=	Toluene-D8	(76-122)

\# Column to be used to flag recovery values
* Values outside of contract required QC limits
D Surrogates diluted out

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
WATER MATRIX SPIKE BLANK RECOVERY

Lab Name: STL Buffalo Contract: 4 Lab Samp ID: A5B2007002

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 1205GW

Matrix Spike - Client Sample No.: VBLK36

COMPOUND	SPIKE ADDED UG/L	MSB CONCENTRATION UG/L	MSB % REC #	QC LIMITS REC.
1,1-Dichloroethene	25.0	26.7	107	65 - 142
Trichloroethene	25.0	25.8	103	71 - 120
Benzene	25.0	26.1	105	67 - 126
Toluene	25.0	25.5	102	69 - 120
Chlorobenzene	25.0	25.7	103	73 - 120

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike recovery: 0 out of 5 outside limits

Comments: _____

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
WATER MATRIX SPIKE BLANK RECOVERY

Lab Name: STL Buffalo Contract: 4 Lab Samp ID: A5E59215

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 1205GW

Matrix Spike - Client Sample No.: VBLK37

COMPOUND	SPIKE ADDED UG/L	MSB CONCENTRATION UG/L	MSB % REC #	QC LIMITS REC.
1,1-Dichloroethene	25.0	25.9	104	65 - 142
Trichloroethene	25.0	25.3	102	71 - 120
Benzene	25.0	25.8	103	67 - 126
Toluene	25.0	25.5	102	69 - 120
Chlorobenzene	25.0	25.7	103	73 - 120

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike recovery: 0 out of 5 outside limits

Comments: _____

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
WATER MATRIX SPIKE BLANK RECOVERY

Lab Name: STL Buffalo Contract: 4 Lab Samp ID: A5B2013902

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 1205GW

Matrix Spike - Client Sample No.: VBLK38

COMPOUND	SPIKE ADDED UG/L	MSB CONCENTRATION UG/L	MSB % REC #	QC LIMITS REC.
1,1-Dichloroethene	25.0	25.5	102	65 - 142
Trichloroethene	25.0	25.4	102	71 - 120
Benzene	25.0	25.5	102	67 - 126
Toluene	25.0	25.2	101	69 - 120
Chlorobenzene	25.0	25.5	102	73 - 120

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike recovery: 0 out of 5 outside limits

Comments: _____

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: STL Buffalo Contract: 4 Lab Samp ID: A5E59201

Lab Code: RECNY Case No.: ____ SAS No.: _____ SDG No.: 1205GW

Matrix Spike - Client Sample No.: MW-31

COMPOUND	SPIKE ADDED UG/L	SAMPLE CONCENTRATION UG/L	MS CONCENTRATION UG/L	MS % REC #	QC LIMITS REC.
1,1-Dichloroethene	25.0	0	13.4	54 *	65 - 142
Trichloroethene	25.0	47.8	67.3	78	71 - 120
Benzene	25.0	0	18.6	75	67 - 126
Toluene	25.0	0	18.7	75	69 - 120
Chlorobenzene	25.0	0	19.2	77	73 - 120

COMPOUND	SPIKE ADDED UG/L	MSD CONCENTRATION UG/L	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1-Dichloroethene	25.0	17.0	68	23 *	16	65 - 142
Trichloroethene	25.0	72.5	99	24 *	16	71 - 120
Benzene	25.0	23.3	93	21 *	13	67 - 126
Toluene	25.0	24.1	96	24 *	18	69 - 120
Chlorobenzene	25.0	24.5	98	24 *	19	73 - 120

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 5 out of 5 outside limits
Spike recovery: 1 out of 10 outside limits

Comments: _____

Client No.: VBLK36

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 1205GW

Lab File ID: G7593.RR Lab Sample ID: A5B2007002

Date Analyzed: 12/27/2005 Time Analyzed: 09:44

GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Instrument ID: HP5973G

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
1	EB-122205	A5E59208	G7604.RR	16:39
2	MSB36	A5B2007001	G7594.RR	10:26
3	MW-23	A5E59209	G7605.RR	17:02
4	MW-24	A5E59206	G7602.RR	15:53
5	MW-25	A5E59203	G7599.RR	14:46
6	MW-26	A5E59212	G7608.RR	18:09
7	MW-27	A5E59210	G7606.RR	17:24
8	MW-29	A5E59214	G7610.RR	18:53
9	MW-30	A5E59207	G7603.RR	16:16
10	MW-31	A5E59201	G7595.RR	10:48
11	MW-31	A5E59201MS	G7596.RR	13:39
12	MW-31	A5E59201SD	G7597.RR	14:01
13	MW-37	A5E59205	G7601.RR	15:31
14	MW-38	A5E59204	G7600.RR	15:08
15	P-10	A5E59211	G7607.RR	17:46
16	P-11	A5E59213	G7609.RR	18:31

Comments: _____

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.

VBLK36

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 1205GW

Matrix: (soil/water) WATER Lab Sample ID: A5B2007002

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G7593.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/27/2005

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	5.0	U
71-43-2	Benzene	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon Disulfide	1.0	U
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	1.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	1.0	U
110-82-7	Cyclohexane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-59-2	cis-1,2-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
98-82-8	Isopropylbenzene	1.0	U
79-20-9	Methyl acetate	1.0	U
108-87-2	Methylcyclohexane	1.0	U
75-09-2	Methylene chloride	1.0	U

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.

VBLK36

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 1205GW

Matrix: (soil/water) WATER Lab Sample ID: A5B2007002

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G7593.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/27/2005

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	5.0	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	1.0	U
91-20-3	Naphthalene	1.0	U
100-42-5	Styrene	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
79-01-6	Trichloroethene	1.0	U
75-01-4	Vinyl chloride	1.0	U
1330-20-7	Total Xylenes	3.0	U

METHOD BLANK SUMMARY

Client No.

VBLK37

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 1205GW

Lab File ID: G7618.RR Lab Sample ID: A5E59215

Date Analyzed: 12/27/2005 Time Analyzed: 21:51

GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Instrument ID: HP5973G

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
1	MSB37	A5E59216	G7617.RR	21:29
2	MW-22	A5E59202	G7638.RR	05:34

Comments: _____

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

49/304
Client No.

VBLK37

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 1205GW

Matrix: (soil/water) WATER Lab Sample ID: A5E59215

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G7618.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/27/2005

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	5.0	U
71-43-2	Benzene	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon Disulfide	1.0	U
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	1.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	1.0	U
110-82-7	Cyclohexane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-59-2	cis-1,2-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
98-82-8	Isopropylbenzene	1.0	U
79-20-9	Methyl acetate	1.0	U
108-87-2	Methylcyclohexane	1.0	U
75-09-2	Methylene chloride	1.0	U

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

50/304

Client No.

VBLK37

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 1205GW

Matrix: (soil/water) WATER Lab Sample ID: A5E59215

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G7618.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/27/2005

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	5.0	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	1.0	U
91-20-3	Naphthalene	1.0	U
100-42-5	Styrene	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
79-01-6	Trichloroethene	1.0	U
75-01-4	Vinyl chloride	1.0	U
1330-20-7	Total Xylenes	3.0	U

METHOD BLANK SUMMARY

Client No.: VBLK38

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 1205GW

Lab File ID: G7646.RR Lab Sample ID: A5B2013902

Date Analyzed: 12/28/2005 Time Analyzed: 10:29

GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Instrument ID: HP5973G

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
1	MSB38	A5B2013901	G7645.RR	10:06
2	MW-22 RI	A5E59202RI	G7650.RR	12:10

Comments: _____

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.

VBLK38

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 1205GW

Matrix: (soil/water) WATER Lab Sample ID: A5B2013902

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G7646.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/28/2005

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	5.0	U
71-43-2	Benzene	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon Disulfide	1.0	U
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	1.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	1.0	U
110-82-7	Cyclohexane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-59-2	cis-1,2-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
98-82-8	Isopropylbenzene	1.0	U
79-20-9	Methyl acetate	1.0	U
108-87-2	Methylcyclohexane	1.0	U
75-09-2	Methylene chloride	1.0	U

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.

VBLK38

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 1205GW

Matrix: (soil/water) WATER Lab Sample ID: A5B2013902

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G7646.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/28/2005

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	5.0	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	1.0	U
91-20-3	Naphthalene	1.0	U
100-42-5	Styrene	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
79-01-6	Trichloroethene	1.0	U
75-01-4	Vinyl chloride	1.0	U
1330-20-7	Total Xylenes	3.0	U

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: STL Buffalo Contract: 4 Labsampid: A5C0006619

Lab Code: RECNY Case No.: ____ SAS No.: ____ SDG No.: 1205GW

Lab File ID (Standard): G7591.RR Date Analyzed: 12/27/2005

Instrument ID: HP5973G Time Analyzed: 08:35

GC Column(1): DB-624 ID: 0.250(mm) Heated Purge: (Y/N) N

			IS1 (CBZ) AREA	#	RT	#	IS2 (DCB) AREA	#	RT	#	IS3 (DFB) AREA	#	RT	#
	12 HOUR STD		192006		8.70		183265		11.05		374276		5.80	
	UPPER LIMIT		384012		9.20		366530		11.55		748552		6.30	
	LOWER LIMIT		96003		8.20		91633		10.55		187138		5.30	
	CLIENT SAMPLE	Lab Sample ID												
1	EB-122205	A5E59208	181469		8.70		171054		11.06		360982		5.80	
2	MSB36	A5B2007001	190265		8.70		179924		11.05		374730		5.80	
3	MW-23	A5E59209	178256		8.70		169454		11.05		354680		5.81	
4	MW-24	A5E59206	180713		8.70		171268		11.06		358518		5.81	
5	MW-25	A5E59203	182818		8.70		171907		11.06		357381		5.80	
6	MW-26	A5E59212	174145		8.70		167871		11.05		347889		5.80	
7	MW-27	A5E59210	177773		8.70		169222		11.05		351221		5.80	
8	MW-29	A5E59214	170613		8.70		165829		11.05		340867		5.80	
9	MW-30	A5E59207	181923		8.70		171991		11.06		362257		5.81	
10	MW-31	A5E59201	186717		8.70		179262		11.05		370403		5.81	
11	MW-31	A5E59201MS	189889		8.70		179742		11.05		372272		5.80	
12	MW-31	A5E59201SD	185846		8.70		176742		11.05		370238		5.80	
13	MW-37	A5E59205	176794		8.70		167419		11.05		347622		5.81	
14	MW-38	A5E59204	178004		8.70		167860		11.05		351242		5.80	
15	P-10	A5E59211	175844		8.70		168240		11.05		350837		5.80	
16	P-11	A5E59213	173809		8.70		167063		11.06		345155		5.80	
17	VBLK36	A5B2007002	188568		8.70		179068		11.05		374123		5.81	

	AREA UNIT QC LIMITS	RT QC LIMITS
IS1 (CBZ) = Chlorobenzene-D5	(50-200)	-0.50 / +0.50 min
IS2 (DCB) = 1,4-Dichlorobenzene-D4	(50-200)	-0.50 / +0.50 min
IS3 (DFB) = 1,4-Difluorobenzene	(50-200)	-0.50 / +0.50 min

\# Column to be used to flag recovery values

* Values outside of contract required QC limits

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: STL Buffalo Contract: 4 Labsampid: A5C0006622

Lab Code: RECNY Case No.: ____ SAS No.: ____ SDG No.: 1205GW

Lab File ID (Standard): G7615.RR Date Analyzed: 12/27/2005

Instrument ID: HP5973G Time Analyzed: 20:41

GC Column(1): DB-624 ID: 0.250(mm) Heated Purge: (Y/N) N

			IS1 (CBZ) AREA	#	RT	#	IS2 (DCB) AREA	#	RT	#	IS3 (DFB) AREA	#	RT	#
	12 HOUR STD		177567		8.70		170788		11.05		349549		5.80	
	UPPER LIMIT		355134		9.20		341576		11.55		699098		6.30	
	LOWER LIMIT		88784		8.20		85394		10.55		174775		5.30	
	CLIENT SAMPLE	Lab Sample ID												
1	MSB37	A5E59216	173200		8.70		164553		11.05		344655		5.81	
2	MW-22	A5E59202	172069		8.70		163576		11.05		346703		5.81	
3	VBLK37	A5E59215	175393		8.70		165543		11.05		349100		5.81	

		AREA UNIT QC LIMITS	RT QC LIMITS
IS1 (CBZ) =	Chlorobenzene-D5	(50-200)	-0.50 / +0.50 min
IS2 (DCB) =	1,4-Dichlorobenzene-D4	(50-200)	-0.50 / +0.50 min
IS3 (DFB) =	1,4-Difluorobenzene	(50-200)	-0.50 / +0.50 min

\# Column to be used to flag recovery values
* Values outside of contract required QC limits

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: STL Buffalo Contract: 4 Labsampid: A5C0006633

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 1205GW

Lab File ID (Standard): G7643.RR Date Analyzed: 12/28/2005

Instrument ID: HP5973G Time Analyzed: 08:50

GC Column(1): DB-624 ID: 0.180(mm) Heated Purge: (Y/N) N

			IS1 (CBZ) AREA	#	RT	#	IS2 (DCB) AREA	#	RT	#	IS3 (DFB) AREA	#	RT	#
	12 HOUR STD		175597		8.70		168435		11.05		350953		5.80	
	UPPER LIMIT		351194		9.20		336870		11.55		701906		6.30	
	LOWER LIMIT		87799		8.20		84218		10.55		175477		5.30	
	CLIENT SAMPLE	Lab Sample ID												
1	MSB38	A5B2013901	176749		8.70		165886		11.05		351696		5.80	
2	MW-22 RI	A5E59202RI	168565		8.70		160884		11.05		341641		5.81	
3	VBLK38	A5B2013902	170365		8.70		164259		11.05		346730		5.81	

	AREA UNIT QC LIMITS	RT QC LIMITS
IS1 (CBZ) = Chlorobenzene-D5	(50-200)	-0.50 / +0.50 min
IS2 (DCB) = 1,4-Dichlorobenzene-D4	(50-200)	-0.50 / +0.50 min
IS3 (DFB) = 1,4-Difluorobenzene	(50-200)	-0.50 / +0.50 min

\# Column to be used to flag recovery values
* Values outside of contract required QC limits

Sample Data Package

SDG Narrative

SAMPLE SUMMARY

LAB SAMPLE ID	CLIENT SAMPLE ID	MATRIX	SAMPLED DATE	SAMPLED TIME	RECEIVED DATE	RECEIVED TIME
A5E59208	EB-122205	WATER	12/22/2005	11:10	12/23/2005	10:15
A5E59202	MW-22	WATER	12/21/2005	17:03	12/23/2005	10:15
A5E59209	MW-23	WATER	12/22/2005	11:21	12/23/2005	10:15
A5E59206	MW-24	WATER	12/22/2005	09:20	12/23/2005	10:15
A5E59203	MW-25	WATER	12/21/2005	17:25	12/23/2005	10:15
A5E59212	MW-26	WATER	12/22/2005	13:51	12/23/2005	10:15
A5E59210	MW-27	WATER	12/22/2005	11:20	12/23/2005	10:15
A5E59214	MW-29	WATER	12/22/2005	15:05	12/23/2005	10:15
A5E59207	MW-30	WATER	12/22/2005	10:35	12/23/2005	10:15
A5E59201	MW-31	WATER	12/21/2005	10:25	12/23/2005	10:15
A5E59201MS	MW-31	WATER	12/21/2005	10:25	12/23/2005	10:15
A5E59201SD	MW-31	WATER	12/21/2005	10:25	12/23/2005	10:15
A5E59205	MW-37	WATER	12/22/2005	08:56	12/23/2005	10:15
A5E59204	MW-38	WATER	12/22/2005	08:45	12/23/2005	10:15
A5E59211	P-10	WATER	12/22/2005	13:50	12/23/2005	10:15
A5E59213	P-11	WATER	12/22/2005	14:15	12/23/2005	10:15

METHODS SUMMARY

Job#: A05-E592

STL Project#: NY4A9171
SDG#: 1205GW
Site Name: Environmental Strategies Corporation

PARAMETER	ANALYTICAL METHOD
METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W	SW8463 8260

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-E592

STL Project#: NY4A9171
SDG#: 1205GW
Site Name: Environmental Strategies Corporation

General Comments

The enclosed data may or may not 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-E592
Sample Cooler(s) were received at the following temperature(s); 2.0 °C
All samples were received in good condition.

GC/MS Volatile Data

Based on historical data sample MW-22 was originally analyzed at a dilution factor 2.0. Data review revealed that this sample was over-diluted. As a result sample MW-22 was reanalyzed undiluted. However,
sample MW-22 RI was analyzed from a vial containing headspace. Both sets of data were reported. The volatile organic results for sample MW-22 RI may be biased low.

All samples were preserved to a PH less than 2.

The spike recovery of the analyte 1,1-Dichloroethene in the Matrix Spike of sample MW-31 fell below quality control limits. The Relative Percent Difference (RPD) between the Matrix Spike and the Matrix Spike Duplicate of sample MW-31 exceeded quality control limits for the analytes 1,1-Dichloroethene, Trichloroethene, Benzene, Toluene and Chlorobenzene. The Matrix Spike Blank recoveries were compliant, so no corrective action is required.

Initial calibration standard curve A5I0002430-1 exhibited the %RSD of the compounds Bromomethane, Chloroethane, Methylene Chloride and 1,2,4-Trichlorobenzene as greater than 15%. However, the mean RSD of all compounds is 6.44%.

****

Chain Of Custody Documentation

CHAIN OF CUSTODY RECORD

No. 037478

Project Number:	Site and Location:
148992	Starbrake, NY - Former GIC Site

Sampler's Name(s): Todd Wandrop, Brett Marvin, Erik Reinhardt

Sampler's Signature(s): Todd Wandrop, Brett Marvin, Erik Reinhardt

Matrices: S = Soil; Aq = Water; A = Air; Bu = Bulk; W = Wipe; Bi = Biota; OW = Oily Waste; O = Other

Requested Analyses

Sample Identification:	Date	Time	Matrix	Number of Containers	VOCs (8260)									Remarks
MW-2	12/20/05	1100	AQ	2	2									
MW-2-MS	12/20/05	1105	AQ	2	2									Matrix Spike
MW-2-MSD	12/20/05	1105	AQ	2	2									Matrix Spike Duplicate
MW-17	12/20/05	1355	AQ	2	2									
~~TRIP BLANK~~ TB-121505-01	12/15/05	-	AQ	2	2									Trip Blank
MW-8	12/20/05	1420	AQ	2	2									
MW-100	12/20/05	1900	AQ	2	2									
P-8	12/20/05	1540	AQ	2	2									
TB-121505-02	12/15/05	-	AQ	1	1									
P-3	12/20/05	1555	AQ	2	2									
EB122005	12/21/05	0953	Aq	2	2									Equipment Blank
MW-34	12/21/05	0940	AQ	2	2									
MW-31	12 21 05	1025	Aq	2	2									
MW-31MS	12 21 05	1025	Aq	2	2									Matrix Spike
MW-31MSD	12 21 05	1025	Aq	2	2									Matrix Spike Duplicate
MW-21	12 21 05	1050	Aq	2	2									

Relinquished by (Signature):	12/22/05 1643 Date | Time	Received by (Signature): 1615	Laboratory Name: STL Buffalo
Relinquished by (Signature):	Date | Time	Received by (Signature):	Laboratory Location: Amherst, NY
Turn-Around Time: 2-Week		Tracking Number: 4525 0523 4190	Custody Seal Numbers: 148992.1004.10 to .13
			Method of Shipment: Feder

ENVIRONMENTAL STRATEGIES CONSULTING LLC
A QUANTA TECHNICAL SERVICES COMPANY

☐ Reston Office: 11911 Freedom Dr, # 900, Reston, VA 20190
Tel: (703) 709-6500, Fax: (703) 709-8505

☐ Pittsburgh Office: 300 Corporate Center Dr, # 200, Moon Twp, PA 15108
Tel: (412) 604-1040, Fax: (412) 604-1055

☐ Denver Office: 4600 South Ulster, # 930, Denver, CO 80237
Tel: (303) 850-9200, Fax: (303) 850-9214

☐ Minneapolis Office: 123 North 3rd St, #706, Minneapolis, MN 55401
Tel: (612) 343-0510, Fax: (612) 343-0506

☒ Cazenovia Office 5 Sullivan St, 13035

CHAIN OF CUSTODY RECORD

No. 034637

Project Number:	Site and Location:
148992	SHERBURNE, NY - FORMER GIC SITE

Sampler's Name(s): Todd Waldron, Brett Marion, Erik Rongaard

Sampler's Signature(s): Todd Waldron, Brett Marion, Erik Rongaard

Matrices: S = Soil; Aq = Water; A = Air; Bu = Bulk; W = Wipe; Bi = Biota; OW = Oily Waste; O = Other

Requested Analyses: VOCs (8260)

Sample Identification:	Date	Time	Matrix	Number of Containers	VOCs (8260)	Remarks
MW-35	12/21/05	1150	AQ	2	2	
MW-101	12/21/05	1900	AQ	2	2	
MW-32	12/21/05	1222	Aq	2	2	
~~EB121205~~ EB122105	12/21/05	1311	Aq	2	2	Equipment blank
MW-36	12/21/05	1420	AQ	2	2	
MW-33	122105	1444	Aq	2	2	
MW-20	12/21/05	1525	AQ	2	2	
MW-39	12/21/05	1610	AQ	2	2	
MW-22	12/21/05	1703	Aq	2	2	
MW-25	12/21/05	1725	AQ	2	2	
MW-38	12/22/05	0845	AQ	2	2	
MW-37	12/22/05	0856	AQ	2	2	
MW-24	12/22/05	0920	AQ	2	2	
MW-30	12/22/05	1035	AQ	2	2	
EB-122205	12/22/05	1110	AQ	2	2	
MW-23	12/22/05	1121	Aq	2	2	

Relinquished by (Signature):	Date | Time: 12/22/05 1643	Received by (Signature): 1015 STL 122305	Laboratory Name: STL Buffalo
Relinquished by (Signature):	Date | Time:	Received by (Signature): 20	Laboratory Location: Amherst NY
Turn-Around Time: 2-week		Tracking Number: 8525 0523 4190	Custody Seal Numbers: 148992.1004.10-13
			Method of Shipment: Fedex

ENVIRONMENTAL STRATEGIES CONSULTING LLC
A QUANTA TECHNICAL SERVICES COMPANY

☐ Reston Office: 11911 Freedom Dr, # 900, Reston, VA 20190
Tel: (703) 709-6500, Fax: (703) 709-8505

☐ Pittsburgh Office: 300 Corporate Center Dr, # 200, Moon Twp, PA 15108
Tel: (412) 604-1040, Fax: (412) 604-1055

☐ Denver Office: 4600 South Ulster, # 930, Denver, CO 80237
Tel: (303) 850-9200, Fax: (303) 850-9214

☐ Minneapolis Office: 123 North 3rd St, #706, Minneapolis, MN 55401
Tel: (612) 343-0510, Fax: (612) 343-0506

☒ Cazenovia Office - 5 Sullivan St. 13035

CHAIN OF CUSTODY RECORD

No. 034636

Project Number:	Site and Location:
148992	Sherburne, NY – Former GIC site

Sampler's Name(s): Todd Waldrop, Brett Marion, Erik Reinert

Sampler's Signature(s):

Matrices: S = Soil; Aq = Water; A = Air; Bu = Bulk; W = Wipe; Bi = Biota; OW = Oily Waste; O = Other

Requested Analyses

Sample Identification:	Date	Time	Matrix	Number of Containers	VOCs (8260)	Remarks
MW-27	12/22/05	1120	AQ	2	2	
P-10	12/22/05	1350	AQ	2	2	
MW-26	12/22/05	1351	Aq	2	2	
P-11	12/22/05	1415	AQ	2	2	
MW-29	12/22/05	1505	AQ	2	2	

Relinquished by (Signature):	12/22/05 1643 Date | Time	Received by (Signature): 1015 STL 12/23/05	Laboratory Name: STL Buffalo
Relinquished by (Signature):	Date | Time	Received by (Signature):	Laboratory Location: Amherst, NY
Turn-Around Time: 2-week		Tracking Number: 8525-3845-7	Custody Seal Numbers: 148992.1004.10 to .13
			Method of Shipment: Fedex

ENVIRONMENTAL STRATEGIES CONSULTING LLC
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☐ Minneapolis Office: 123 North 3rd St, #706, Minneapolis, MN 55401
Tel: (612) 343-0510, Fax: (612) 343-0506

☒ Cazenovia Office 5 Sullivan St, Cazenovia NY 13035

Job No: A05-E592
Client: Environmental Strategies Corporation
Project: NY4A9171
SDG:
Case:
SMO No:
No. Samps: 14

Radiation Check: YES
Custody Seal: YES
Chain of Custody: YES
Sample Tags: NO
Sample Tag Numbers: NO
SMO Forms: NO
CLSIS: NO

Cooler Temperature: 2.0°C

Sample	Receive	Client Sample ID	Lab ID	Condition	Bottles	Parameters	Lab	Pres log Code	Pres log PH
12/21/2005 10:25	12/23/2005 10:15	MW-31	A5E59201	Good	2-40mlV	8260	RECNY	0103	<2
12/21/2005 10:25	12/23/2005 10:15	MW-31	A5E59201MS	Good	2-40mlV	8260	RECNY	0103	<2
12/21/2005 10:25	12/23/2005 10:15	MW-31	A5E59201SD	Good	2-40mlV	8260	RECNY	0103	<2
12/21/2005 17:03	12/23/2005 10:15	MW-22	A5E59202	Good	2-40mlV	8260	RECNY	0103	<2
12/21/2005 17:25	12/23/2005 10:15	MW-25	A5E59203	Good	2-40mlV	8260	RECNY	0103	<2
12/22/2005 08:45	12/23/2005 10:15	MW-38	A5E59204	Good	2-40mlV	8260	RECNY	0103	<2
12/22/2005 08:56	12/23/2005 10:15	MW-37	A5E59205	Good	2-40mlV	8260	RECNY	0103	<2
12/22/2005 09:20	12/23/2005 10:15	MW-24	A5E59206	Good	2-40mlV	8260	RECNY	0103	<2
12/22/2005 10:35	12/23/2005 10:15	MW-30	A5E59207	Good	2-40mlV	8260	RECNY	0103	<2
12/22/2005 11:10	12/23/2005 10:15	EB-12205	A5E59208	Good	2-40mlV	8260	RECNY	0103	<2
12/22/2005 11:21	12/23/2005 10:15	MW-23	A5E59209	Good	2-40mlV	8260	RECNY	0103	<2
12/22/2005 11:20	12/23/2005 10:15	MW-27	A5E59210	Good	2-40mlV	8260	RECNY	0103	<2
12/22/2005 13:50	12/23/2005 10:15	P-10	A5E59211	Good	2-40mlV	8260	RECNY	0103	<2
12/22/2005 13:51	12/23/2005 10:15	MW-26	A5E59212	Good	2-40mlV	8260	RECNY	0103	<2
12/22/2005 14:15	12/23/2005 10:15	P-11	A5E59213	Good	2-40mlV	8260	RECNY	0103	<2
12/22/2005 15:05	12/23/2005 10:15	MW-29	A5E59214	Good	2-40mlV	8260	RECNY	0103	<2

Sample Custodian: Tim O 12/23/2005

Analytical Services Coordinator: _____ /20

67/304

Preservation Code References:

First Digit: Sample Filtration; 1=Filtered, 0=Unfiltered
Second Digit: Sample Requires Cooling; (4°) 1=Cooled, 0=Not Cooled

Third, Fourth Digits - Preservation Types:
00=Nothing added, 01=HNO3, 02=H2SO4, 03=HCl, 04=Sodium Thiosulfate
05=NaOH, 06=NaOH+Zinc Acetate, 07=Sodium Thiosulfate+HCl, 08=MeOH
09=MCAA (Mono chloroacetic acid)

Volatiles

QC Summary

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
WATER SURROGATE RECOVERY

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 1205GW

	Client Sample ID	Lab Sample ID	BFB %REC	#	DCE %REC	#	TOL %REC	#						TOT OUT
1	EB-122205	A5E59208	92		92		94							0
2	MSB36	A5B2007001	93		92		95							0
3	MSB37	A5E59216	94		92		95							0
4	MSB38	A5B2013901	93		91		94							0
5	MW-22	A5E59202	93		92		94							0
6	MW-22 RI	A5E59202RI	95		92		95							0
7	MW-23	A5E59209	92		92		93							0
8	MW-24	A5E59206	92		93		94							0
9	MW-25	A5E59203	92		93		92							0
10	MW-26	A5E59212	93		93		94							0
11	MW-27	A5E59210	91		93		93							0
12	MW-29	A5E59214	93		94		95							0
13	MW-30	A5E59207	92		92		94							0
14	MW-31	A5E59201	93		94		94							0
15	MW-31	A5E59201MS	92		93		92							0
16	MW-31	A5E59201SD	91		92		93							0
17	MW-37	A5E59205	92		95		95							0
18	MW-38	A5E59204	94		94		95							0
19	P-10	A5E59211	92		93		94							0
20	P-11	A5E59213	92		94		93							0
21	VBLK36	A5B2007002	94		93		94							0
22	VBLK37	A5E59215	92		92		93							0
23	VBLK38	A5B2013902	93		91		94							0

QC LIMITS

BFB = p-Bromofluorobenzene (73-120)
DCE = 1,2-Dichloroethane-D4 (72-143)
TOL = Toluene-D8 (76-122)

Column to be used to flag recovery values
* Values outside of contract required QC limits
D Surrogates diluted out

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
WATER MATRIX SPIKE BLANK RECOVERY

Lab Name: STL Buffalo Contract: 4 Lab Samp ID: A5B2007002

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 1205GW

Matrix Spike - Client Sample No.: VBLK36

COMPOUND	SPIKE ADDED UG/L	MSB CONCENTRATION UG/L	MSB % REC #	QC LIMITS REC.
1,1-Dichloroethene	25.0	26.7	107	65 - 142
Trichloroethene	25.0	25.8	103	71 - 120
Benzene	25.0	26.1	105	67 - 126
Toluene	25.0	25.5	102	69 - 120
Chlorobenzene	25.0	25.7	103	73 - 120

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike recovery: 0 out of 5 outside limits

Comments: _____

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
WATER MATRIX SPIKE BLANK RECOVERY

Lab Name: STL Buffalo Contract: 4 Lab Samp ID: A5E59215

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 1205GW

Matrix Spike - Client Sample No.: VBLK37

COMPOUND	SPIKE ADDED UG/L	MSB CONCENTRATION UG/L	MSB % REC #	QC LIMITS REC.
1,1-Dichloroethene	25.0	25.9	104	65 - 142
Trichloroethene	25.0	25.3	102	71 - 120
Benzene	25.0	25.8	103	67 - 126
Toluene	25.0	25.5	102	69 - 120
Chlorobenzene	25.0	25.7	103	73 - 120

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike recovery: 0 out of 5 outside limits

Comments: _____

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
WATER MATRIX SPIKE BLANK RECOVERY

Lab Name: STL Buffalo Contract: 4 Lab Samp ID: A5B2013902

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 1205GW

Matrix Spike - Client Sample No.: VBLK38

COMPOUND	SPIKE ADDED UG/L	MSB CONCENTRATION UG/L	MSB % REC #	QC LIMITS REC.
1,1-Dichloroethene	25.0	25.5	102	65 - 142
Trichloroethene	25.0	25.4	102	71 - 120
Benzene	25.0	25.5	102	67 - 126
Toluene	25.0	25.2	101	69 - 120
Chlorobenzene	25.0	25.5	102	73 - 120

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike recovery: 0 out of 5 outside limits

Comments: _____

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: STL Buffalo Contract: 4 Lab Samp ID: A5E59201

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 1205GW

Matrix Spike - Client Sample No.: MW-31

COMPOUND	SPIKE ADDED UG/L	SAMPLE CONCENTRATION UG/L	MS CONCENTRATION UG/L	MS % REC #	QC LIMITS REC.
1,1-Dichloroethene	25.0	0	13.4	54 *	65 - 142
Trichloroethene	25.0	47.8	67.3	78	71 - 120
Benzene	25.0	0	18.6	75	67 - 126
Toluene	25.0	0	18.7	75	69 - 120
Chlorobenzene	25.0	0	19.2	77	73 - 120

COMPOUND	SPIKE ADDED UG/L	MSD CONCENTRATION UG/L	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1-Dichloroethene	25.0	17.0	68	23 *	16	65 - 142
Trichloroethene	25.0	72.5	99	24 *	16	71 - 120
Benzene	25.0	23.3	93	21 *	13	67 - 126
Toluene	25.0	24.1	96	24 *	18	69 - 120
Chlorobenzene	25.0	24.5	98	24 *	19	73 - 120

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 5 out of 5 outside limits
Spike recovery: 1 out of 10 outside limits

Comments: _____

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
METHOD BLANK SUMMARY

Client No.: VBLK36

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 1205GW

Lab File ID: G7593.RR Lab Sample ID: A5B2007002

Date Analyzed: 12/27/2005 Time Analyzed: 09:44

GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Instrument ID: HP5973G

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
1	EB-122205	A5E59208	G7604.RR	16:39
2	MSB36	A5B2007001	G7594.RR	10:26
3	MW-23	A5E59209	G7605.RR	17:02
4	MW-24	A5E59206	G7602.RR	15:53
5	MW-25	A5E59203	G7599.RR	14:46
6	MW-26	A5E59212	G7608.RR	18:09
7	MW-27	A5E59210	G7606.RR	17:24
8	MW-29	A5E59214	G7610.RR	18:53
9	MW-30	A5E59207	G7603.RR	16:16
10	MW-31	A5E59201	G7595.RR	10:48
11	MW-31	A5E59201MS	G7596.RR	13:39
12	MW-31	A5E59201SD	G7597.RR	14:01
13	MW-37	A5E59205	G7601.RR	15:31
14	MW-38	A5E59204	G7600.RR	15:08
15	P-10	A5E59211	G7607.RR	17:46
16	P-11	A5E59213	G7609.RR	18:31

Comments: _____

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
METHOD BLANK SUMMARY

Client No.: VBLK37

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 1205GW

Lab File ID: G7618.RR Lab Sample ID: A5E59215

Date Analyzed: 12/27/2005 Time Analyzed: 21:51

GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Instrument ID: HP5973G

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
1	MSB37	A5E59216	G7617.RR	21:29
2	MW-22	A5E59202	G7638.RR	05:34

Comments: _____

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
METHOD BLANK SUMMARY

Client No.: VBLK38

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 1205GW

Lab File ID: G7646.RR Lab Sample ID: A5B2013902

Date Analyzed: 12/28/2005 Time Analyzed: 10:29

GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Instrument ID: HP5973G

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
1	MSB38	A5B2013901	G7645.RR	10:06
2	MW-22 RI	A5E59202RI	G7650.RR	12:10

Comments: _____

ENVIRONMENTAL STRATEGIES CORPORATION
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: STL Buffalo Contract: 4 Tune ID: A5T0003577

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 1205GW

Lab File ID: G7402 BFB Injection Date: 12/20/2005

Instrument ID: HP5973G BFB Injection Time: 09:53

GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N): N

m/e	ION Abundance Criteria	% Relative Abundance		
50	15.0 - 40.0% of mass 95	19.3		
75	30.0 - 60.0% of mass 95	50.7		
95	Base peak, 100% relative abundance	100.0		
96	5.0 - 9.0% of mass 95	7.1		
173	Less than 2.0% of mass 174	0.6	(0.9)	1
174	50 - 120 % of mass 95	71.2		
175	5.0 - 9.0% of mass 174	5.1	(7.2)	1
176	95.0 - 101.0% of mass 174	68.3	(95.9)	1
177	5.0 - 9.0% of mass 176	4.6	(6.8)	2

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

This Tune Applies to the Following Samples, MS, MSD, Blanks, and Standards:

	Client Sample No.	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
1	VSTD050	A5I0002430-1	G7406.RR	12/20/2005	11:27
2	VSTD100	A5I0002430-1	G7407.RR	12/20/2005	11:50
3	VSTD025	A5I0002430-1	G7408.RR	12/20/2005	13:18
4	VSTD010	A5I0002430-1	G7409.RR	12/20/2005	13:40
5	VSTD001	A5I0002430-1	G7411.RR	12/20/2005	14:25

ENVIRONMENTAL STRATEGIES CORPORATION
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: STL Buffalo Contract: 4 Tune ID: A5T0003640

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 1205GW

Lab File ID: G7590 BFB Injection Date: 12/27/2005

Instrument ID: HP5973G BFB Injection Time: 08:11

GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N): N

m/e	ION Abundance Criteria	% Relative Abundance		
50	15.0 - 40.0% of mass 95	19.4		
75	30.0 - 60.0% of mass 95	49.6		
95	Base peak, 100% relative abundance	100.0		
96	5.0 - 9.0% of mass 95	6.6		
173	Less than 2.0% of mass 174	0.3	(0.4)	1
174	50 - 120 % of mass 95	72.2		
175	5.0 - 9.0% of mass 174	5.4	(7.5)	1
176	95.0 - 101.0% of mass 174	71.3	(98.8)	1
177	5.0 - 9.0% of mass 176	4.9	(6.9)	2

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

This Tune Applies to the Following Samples, MS, MSD, Blanks, and Standards:

	Client Sample No.	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
1	VSTD025	A5C0006619-1	G7591.RR	12/27/2005	08:35
2	VBLK36	A5B2007002	G7593.RR	12/27/2005	09:44
3	MSB36	A5B2007001	G7594.RR	12/27/2005	10:26
4	MW-31	A5E59201	G7595.RR	12/27/2005	10:48
5	MW-31	A5E59201MS	G7596.RR	12/27/2005	13:39
6	MW-31	A5E59201SD	G7597.RR	12/27/2005	14:01
7	MW-25	A5E59203	G7599.RR	12/27/2005	14:46
8	MW-38	A5E59204	G7600.RR	12/27/2005	15:08
9	MW-37	A5E59205	G7601.RR	12/27/2005	15:31
10	MW-24	A5E59206	G7602.RR	12/27/2005	15:53
11	MW-30	A5E59207	G7603.RR	12/27/2005	16:16
12	EB-122205	A5E59208	G7604.RR	12/27/2005	16:39
13	MW-23	A5E59209	G7605.RR	12/27/2005	17:02
14	MW-27	A5E59210	G7606.RR	12/27/2005	17:24
15	P-10	A5E59211	G7607.RR	12/27/2005	17:46
16	MW-26	A5E59212	G7608.RR	12/27/2005	18:09
17	P-11	A5E59213	G7609.RR	12/27/2005	18:31
18	MW-29	A5E59214	G7610.RR	12/27/2005	18:53

ENVIRONMENTAL STRATEGIES CORPORATION
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: STL Buffalo Contract: 4 Tune ID: A5T0003643

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 1205GW

Lab File ID: G7614 BFB Injection Date: 12/27/2005

Instrument ID: HP5973G BFB Injection Time: 20:20

GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N): N

m/e	ION Abundance Criteria	% Relative Abundance		
50	15.0 - 40.0% of mass 95	19.5		
75	30.0 - 60.0% of mass 95	51.8		
95	Base peak, 100% relative abundance	100.0		
96	5.0 - 9.0% of mass 95	6.8		
173	Less than 2.0% of mass 174	0.3	(0.4)	1
174	50 - 120 % of mass 95	71.2		
175	5.0 - 9.0% of mass 174	5.2	(7.3)	1
176	95.0 - 101.0% of mass 174	69.8	(98.1)	1
177	5.0 - 9.0% of mass 176	5.3	(7.6)	2

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

This Tune Applies to the Following Samples, MS, MSD, Blanks, and Standards:

	Client Sample No.	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
1	VSTD025	A5C0006622-1	G7615.RR	12/27/2005	20:41
2	MSB37	A5E59216	G7617.RR	12/27/2005	21:29
3	VBLK37	A5E59215	G7618.RR	12/27/2005	21:51
4	MW-22	A5E59202	G7638.RR	12/28/2005	05:34

ENVIRONMENTAL STRATEGIES CORPORATION
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: STL Buffalo Contract: 4 Tune ID: A5T0003654

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 1205GW

Lab File ID: G7642 BFB Injection Date: 12/28/2005

Instrument ID: HP5973G BFB Injection Time: 08:09

GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N): N

m/e	ION Abundance Criteria	% Relative Abundance		
50	15.0 - 40.0% of mass 95	19.7		
75	30.0 - 60.0% of mass 95	51.6		
95	Base peak, 100% relative abundance	100.0		
96	5.0 - 9.0% of mass 95	6.3		
173	Less than 2.0% of mass 174	0.4	(0.5)	1
174	50 - 120 % of mass 95	72.6		
175	5.0 - 9.0% of mass 174	5.4	(7.4)	1
176	95.0 - 101.0% of mass 174	71.7	(98.8)	1
177	5.0 - 9.0% of mass 176	4.6	(6.4)	2

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

This Tune Applies to the Following Samples, MS, MSD, Blanks, and Standards:

	Client Sample No.	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
1	VSTD025	A5C0006633-1	G7643.RR	12/28/2005	08:50
2	MSB38	A5B2013901	G7645.RR	12/28/2005	10:06
3	VBLK38	A5B2013902	G7646.RR	12/28/2005	10:29
4	MW-22 RI	A5E59202RI	G7650.RR	12/28/2005	12:10

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: STL Buffalo Contract: 4 Labsampid: A5C0006619

Lab Code: RECNY Case No.: ____ SAS No.: ____ SDG No.: 1205GW

Lab File ID (Standard): G7591.RR Date Analyzed: 12/27/2005

Instrument ID: HP5973G Time Analyzed: 08:35

GC Column(1): DB-624 ID: 0.250(mm) Heated Purge: (Y/N) N

			IS1 (CBZ) AREA	#	RT	#	IS2 (DCB) AREA	#	RT	#	IS3 (DFB) AREA	#	RT	#
	12 HOUR STD		192006		8.70		183265		11.05		374276		5.80	
	UPPER LIMIT		384012		9.20		366530		11.55		748552		6.30	
	LOWER LIMIT		96003		8.20		91633		10.55		187138		5.30	
	CLIENT SAMPLE	Lab Sample ID												
1	EB-122205	A5E59208	181469		8.70		171054		11.06		360982		5.80	
2	MSB36	A5B2007001	190265		8.70		179924		11.05		374730		5.80	
3	MW-23	A5E59209	178256		8.70		169454		11.05		354680		5.81	
4	MW-24	A5E59206	180713		8.70		171268		11.06		358518		5.81	
5	MW-25	A5E59203	182818		8.70		171907		11.06		357381		5.80	
6	MW-26	A5E59212	174145		8.70		167871		11.05		347889		5.80	
7	MW-27	A5E59210	177773		8.70		169222		11.05		351221		5.80	
8	MW-29	A5E59214	170613		8.70		165829		11.05		340867		5.80	
9	MW-30	A5E59207	181923		8.70		171991		11.06		362257		5.81	
10	MW-31	A5E59201	186717		8.70		179262		11.05		370403		5.81	
11	MW-31	A5E59201MS	189889		8.70		179742		11.05		372272		5.80	
12	MW-31	A5E59201SD	185846		8.70		176742		11.05		370238		5.80	
13	MW-37	A5E59205	176794		8.70		167419		11.05		347622		5.81	
14	MW-38	A5E59204	178004		8.70		167860		11.05		351242		5.80	
15	P-10	A5E59211	175844		8.70		168240		11.05		350837		5.80	
16	P-11	A5E59213	173809		8.70		167063		11.06		345155		5.80	
17	VBLK36	A5B2007002	188568		8.70		179068		11.05		374123		5.81	

	AREA UNIT QC LIMITS	RT QC LIMITS
IS1 (CBZ) = Chlorobenzene-D5	(50-200)	-0.50 / +0.50 min
IS2 (DCB) = 1,4-Dichlorobenzene-D4	(50-200)	-0.50 / +0.50 min
IS3 (DFB) = 1,4-Difluorobenzene	(50-200)	-0.50 / +0.50 min

\# Column to be used to flag recovery values
* Values outside of contract required QC limits

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: STL Buffalo Contract: 4 Labsampid: A5C0006622

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 1205GW

Lab File ID (Standard): G7615.RR Date Analyzed: 12/27/2005

Instrument ID: HP5973G Time Analyzed: 20:41

GC Column(1): DB-624 ID: 0.250(mm) Heated Purge: (Y/N) N

			IS1 (CBZ) AREA	#	RT	#	IS2 (DCB) AREA	#	RT	#	IS3 (DFB) AREA	#	RT	#
	12 HOUR STD		177567		8.70		170788		11.05		349549		5.80	
	UPPER LIMIT		355134		9.20		341576		11.55		699098		6.30	
	LOWER LIMIT		88784		8.20		85394		10.55		174775		5.30	
	CLIENT SAMPLE	Lab Sample ID												
1	MSB37	A5E59216	173200		8.70		164553		11.05		344655		5.81	
2	MW-22	A5E59202	172069		8.70		163576		11.05		346703		5.81	
3	VBLK37	A5E59215	175393		8.70		165543		11.05		349100		5.81	

	AREA UNIT QC LIMITS	RT QC LIMITS
IS1 (CBZ) = Chlorobenzene-D5	(50-200)	-0.50 / +0.50 min
IS2 (DCB) = 1,4-Dichlorobenzene-D4	(50-200)	-0.50 / +0.50 min
IS3 (DFB) = 1,4-Difluorobenzene	(50-200)	-0.50 / +0.50 min

\# Column to be used to flag recovery values
* Values outside of contract required QC limits

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: STL Buffalo Contract: 4 Labsampid: A5C0006633

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 1205GW

Lab File ID (Standard): G7643.RR Date Analyzed: 12/28/2005

Instrument ID: HP5973G Time Analyzed: 08:50

GC Column(1): DB-624 ID: 0.180(mm) Heated Purge: (Y/N) N

			IS1 (CBZ) AREA	#	RT	#	IS2 (DCB) AREA	#	RT	#	IS3 (DFB) AREA	#	RT	#
	12 HOUR STD		175597		8.70		168435		11.05		350953		5.80	
	UPPER LIMIT		351194		9.20		336870		11.55		701906		6.30	
	LOWER LIMIT		87799		8.20		84218		10.55		175477		5.30	
	CLIENT SAMPLE	Lab Sample ID												
1	MSB38	A5B2013901	176749		8.70		165886		11.05		351696		5.80	
2	MW-22 RI	A5E59202RI	168565		8.70		160884		11.05		341641		5.81	
3	VBLK38	A5B2013902	170365		8.70		164259		11.05		346730		5.81	

	AREA UNIT QC LIMITS	RT QC LIMITS
IS1 (CBZ) = Chlorobenzene-D5	(50-200)	-0.50 / +0.50 min
IS2 (DCB) = 1,4-Dichlorobenzene-D4	(50-200)	-0.50 / +0.50 min
IS3 (DFB) = 1,4-Difluorobenzene	(50-200)	-0.50 / +0.50 min

\# Column to be used to flag recovery values
* Values outside of contract required QC limits

Sample Data

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.

EB-122205

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 1205GW

Matrix: (soil/water) WATER Lab Sample ID: A5E59208

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G7604.RR

Level: (low/med) LOW Date Samp/Recv: 12/22/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/27/2005

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	5.0	U
71-43-2	Benzene	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon Disulfide	1.0	U
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	1.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	1.0	U
110-82-7	Cyclohexane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-59-2	cis-1,2-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
98-82-8	Isopropylbenzene	1.0	U
79-20-9	Methyl acetate	1.0	U
108-87-2	Methylcyclohexane	1.0	U
75-09-2	Methylene chloride	1.0	U

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.

EB-122205

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 1205GW

Matrix: (soil/water) WATER Lab Sample ID: A5E59208

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G7604.RR

Level: (low/med) LOW Date Samp/Recv: 12/22/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/27/2005

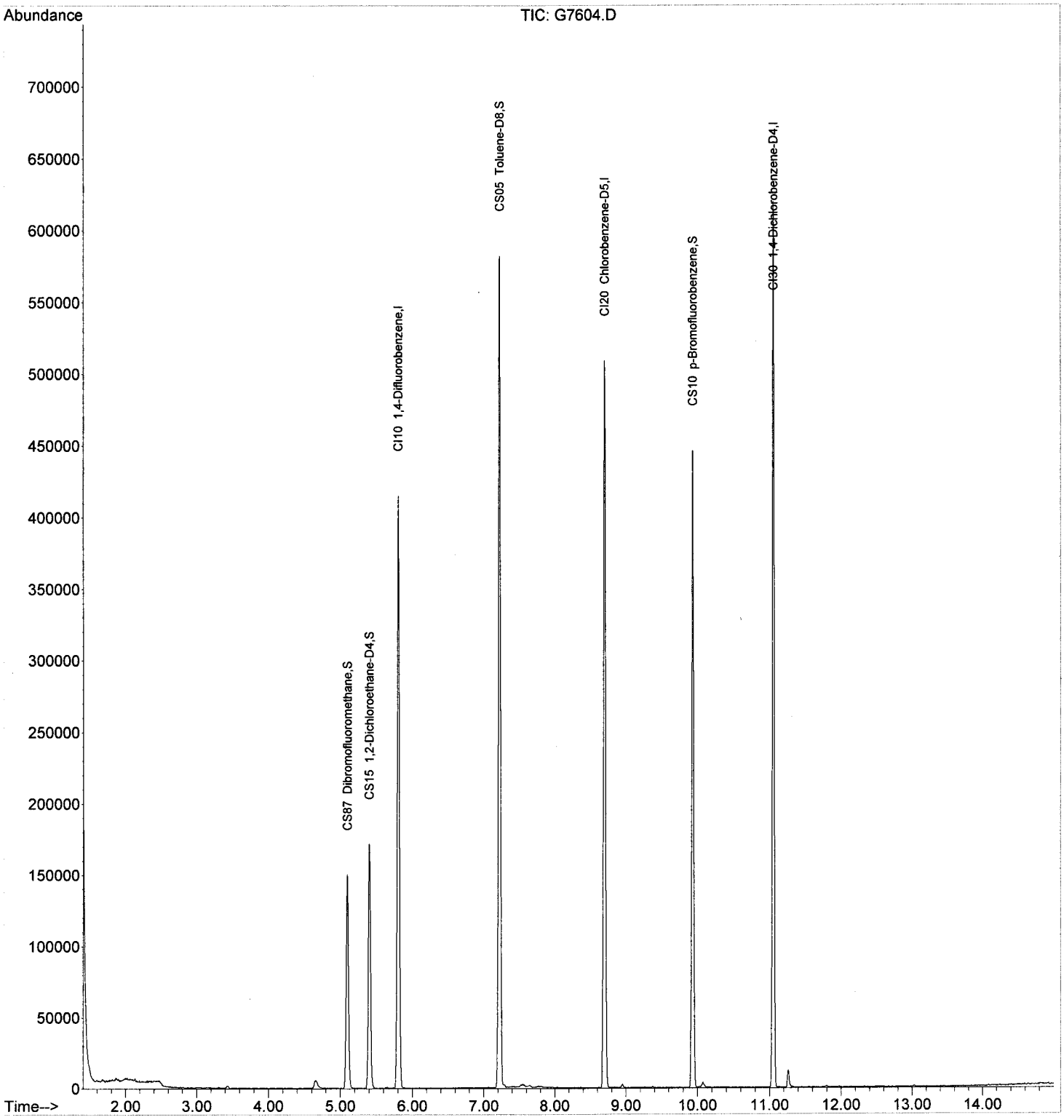
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	5.0	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	1.0	U
91-20-3	Naphthalene	1.0	U
100-42-5	Styrene	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
79-01-6	Trichloroethene	1.0	U
75-01-4	Vinyl chloride	1.0	U
1330-20-7	Total Xylenes	3.0	U

Data File: C:\MSDCHEM\1\DATA\122705\G7604.D
Acq On : 27 Dec 2005 16:39
Sample : A5E59208
Misc :
Integrator: RTE
Quant Time: Dec 27 18:07:53 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 27 08:55:23 2005
Response via : Initial Calibration
Data Path : C:\MSDCHEM\1\DATA\122705\
Operator : TLC



Data File: C:\MSDCHEM\1\DATA\122705\G7604.D
Acq On : 27 Dec 2005 16:39
Sample : A5E59208
Misc :
Integrator: RTE
Quant Time: Dec 27 18:07:53 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 27 08:55:23 2005
Response via : Initial Calibration
Data Path : C:\MSDCHEM\1\DATA\122705\
Operator : TLC

clean 12/27/05 TLC

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.80	114	360982	125.00	ng	0.00 96.45%
43) CI20	Chlorobenzene-D5	8.70	82	181469	125.00	ng	0.00 94.51%
63) CI30	1,4-Dichlorobenzene-	11.06	152	171054	125.00	ng	0.00 93.34%
System Monitoring Compounds							
26) CS87	Dibromofluoromethane	5.10	111	101335	112.15	NG	0.00
Spiked Amount	125.000	Range	70 - 130	Recovery	=	89.72%	
31) CS15	1,2-Dichloroethane-D	5.40	65	133979	115.29	ng	0.00
Spiked Amount	125.000	Range	73 - 136	Recovery	=	92.23%	
44) CS05	Toluene-D8	7.22	98	429678	117.42	ng	0.00
Spiked Amount	125.000	Range	77 - 122	Recovery	=	93.94%	
62) CS10	p-Bromofluorobenzene	9.94	174	129453	115.14	ng	0.00
Spiked Amount	125.000	Range	74 - 120	Recovery	=	92.11%	

Target Compounds					Qvalue
2) C290	Dichlorodifluorome	0.00	85	0	N.D.
3) C010	Chloromethane	1.61	50	228	N.D.
4) C020	Vinyl chloride	0.00	62	0	N.D.
5) C015	Bromomethane	2.07	94	57	N.D.
6) C025	Chloroethane	0.00	64	0	N.D.
7) C275	Trichlorofluoromet	0.00	101	0	N.D.
8) C045	1,1-Dichloroethene	0.00	96	0	N.D.
9) C030	Methylene chloride	3.43	84	833	N.D.
10) C040	Carbon disulfide	3.14	76	1131	N.D.
11) C036	Acrolein	2.83	56	59	N.D.
12) C038	Acrylonitrile	0.00	53	0	N.D.
13) C035	Acetone	3.02	43	1275	N.D.
14) C300	Acetonitrile	3.30	41	197	N.D.
15) C276	Iodomethane	0.00	142	0	N.D.
16) C291	1,1,2-Trichloro-1,	0.00	101	0	N.D.
17) C962	T-butyl Methyl Eth	0.00	73	0	N.D.
18) C057	trans-1,2-Dichloro	0.00	96	0	N.D.
19) C255	Methyl Acetate	0.00	43	0	N.D.
20) C050	1,1-Dichloroethane	0.00	63	0	N.D.
21) C125	Vinyl Acetate	0.00	43	0	N.D.
22) C051	2,2-Dichloropropan	4.65	77	205	N.D.
23) C056	cis-1,2-Dichloroet	0.00	96	0	N.D.
24) C272	Tetrahydrofuran	0.00	42	0	N.D.
25) C222	Bromochloromethane	0.00	128	0	N.D.
27) C060	Chloroform	4.95	83	55	N.D.
28) C115	1,1,1-Trichloroeth	0.00	97	0	N.D.
29) C120	Carbon tetrachlori	0.00	117	0	N.D.
30) C116	1,1-Dichloropropen	0.00	75	0	N.D.
32) C165	Benzene	5.43	78	290	N.D.
33) C065	1,2-Dichloroethane	0.00	62	0	N.D.
34) C110	2-Butanone	4.65	43	297	N.D.
35) C256	Cyclohexane	0.00	56	0	N.D.
36) C150	Trichloroethene	0.00	95	0	N.D.

1/6/06

Data File: C:\MSDCHEM\1\DATA\122705\G7604.D
Acq On : 27 Dec 2005 16:39
Sample : A5E59208
Misc :
Integrator: RTE
Quant Time: Dec 27 18:07:53 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 27 08:55:23 2005
Response via : Initial Calibration
Data Path : C:\MSDCHEM\1\DATA\122705\
Operator : TLC

Internal Standards		R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
37) C140	1,2-Dichloropropan	0.00	63	0	N.D.	
38) C278	Dibromomethane	0.00	93	0	N.D.	
39) C130	Bromodichlorometha	0.00	83	0	N.D.	
40) C161	2-Chloroethylvinyl	6.84	63	218	N.D.	
41) C012	Methylcyclohexane	0.00	83	0	N.D.	
42) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.	
45) C230	Toluene	7.28	92	946	N.D.	
46) C170	trans-1,3-Dichloro	0.00	75	0	N.D.	
47) C284	Ethyl Methacrylate	0.00	69	0	N.D.	
48) C160	1,1,2-Trichloroeth	0.00	83	0	N.D.	
49) C210	4-Methyl-2-pentano	7.22	43	2091	N.D.	
50) C220	Tetrachloroethene	0.00	166	0	N.D.	
51) C221	1,3-Dichloropropan	0.00	76	0	N.D.	
52) C155	Dibromochlorometha	0.00	129	0	N.D.	
53) C163	1,2-Dibromoethane	0.00	107	0	N.D.	
54) C215	2-Hexanone	0.00	43	0	N.D.	
55) C235	Chlorobenzene	0.00	112	0	N.D.	
56) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.	
57) C240	Ethylbenzene	8.83	91	704	N.D.	
58) C246	m,p-Xylene	8.95	106	785	N.D.	
59) C247	o-Xylene	9.38	106	191	N.D.	
60) C245	Styrene	0.00	104	0	N.D.	
61) C180	Bromoform	0.00	173	0	N.D.	
64) C966	Isopropylbenzene	0.00	105	0	N.D.	
65) C301	Bromobenzene	0.00	156	0	N.D.	
66) C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.	
67) C282	1,2,3-Trichloropro	0.00	110	0	N.D.	
68) C283	t-1,4-Dichloro-2-B	0.00	51	0	N.D.	
69) C302	n-Propylbenzene	9.94	91	492	N.D.	
70) C303	2-Chlorotoluene	0.00	126	0	N.D.	
71) C289	4-Chlorotoluene	0.00	126	0	N.D.	
72) C304	1,3,5-Trimethylben	0.00	105	0	N.D.	
73) C306	tert-Butylbenzene	0.00	134	0	N.D.	
74) C307	1,2,4-Trimethylben	10.71	105	147	N.D.	
75) C308	sec-Butylbenzene	10.71	105	147	N.D.	
76) C260	1,3-Dichlorobenzen	0.00	146	0	N.D.	
77) C309	4-Isopropyltoluene	11.00	119	161	N.D.	
78) C267	1,4-Dichlorobenzen	0.00	146	0	N.D.	
79) C249	1,2-Dichlorobenzen	0.00	146	0	N.D.	
80) C310	n-Butylbenzene	0.00	91	0	N.D.	
81) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.	
82) C313	1,2,4-Trichloroben	0.00	180	0	N.D.	
83) C316	Hexachlorobutadien	0.00	225	0	N.D.	
84) C314	Naphthalene	13.03	128	1251	N.D.	
85) C934	1,2,3-Trichloroben	0.00	180	0	N.D.	

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

1/6/2006

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.

MW-22

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 1205GW

Matrix: (soil/water) WATER Lab Sample ID: A5E59202

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G7638.RR

Level: (low/med) LOW Date Samp/Recv: 12/21/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/28/2005

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 2.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	10	U
71-43-2	Benzene	2.0	U
75-27-4	Bromodichloromethane	2.0	U
75-25-2	Bromoform	2.0	U
74-83-9	Bromomethane	2.0	U
78-93-3	2-Butanone	10	U
75-15-0	Carbon Disulfide	2.0	U
56-23-5	Carbon Tetrachloride	2.0	U
108-90-7	Chlorobenzene	2.0	U
75-00-3	Chloroethane	2.0	U
67-66-3	Chloroform	2.0	U
74-87-3	Chloromethane	2.0	U
110-82-7	Cyclohexane	2.0	U
106-93-4	1,2-Dibromoethane	2.0	U
124-48-1	Dibromochloromethane	2.0	U
96-12-8	1,2-Dibromo-3-chloropropane	2.0	U
95-50-1	1,2-Dichlorobenzene	2.0	U
541-73-1	1,3-Dichlorobenzene	2.0	U
106-46-7	1,4-Dichlorobenzene	2.0	U
75-71-8	Dichlorodifluoromethane	2.0	U
75-34-3	1,1-Dichloroethane	2.0	U
107-06-2	1,2-Dichloroethane	2.0	U
75-35-4	1,1-Dichloroethene	2.0	U
156-59-2	cis-1,2-Dichloroethene	36	
156-60-5	trans-1,2-Dichloroethene	1.8	J
78-87-5	1,2-Dichloropropane	2.0	U
10061-01-5	cis-1,3-Dichloropropene	2.0	U
10061-02-6	trans-1,3-Dichloropropene	2.0	U
100-41-4	Ethylbenzene	2.0	U
591-78-6	2-Hexanone	10	U
98-82-8	Isopropylbenzene	2.0	U
79-20-9	Methyl acetate	2.0	U
108-87-2	Methylcyclohexane	2.0	U
75-09-2	Methylene chloride	2.0	U

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.

MW-22

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 1205GW

Matrix: (soil/water) WATER Lab Sample ID: A5E59202

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G7638.RR

Level: (low/med) LOW Date Samp/Recv: 12/21/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/28/2005

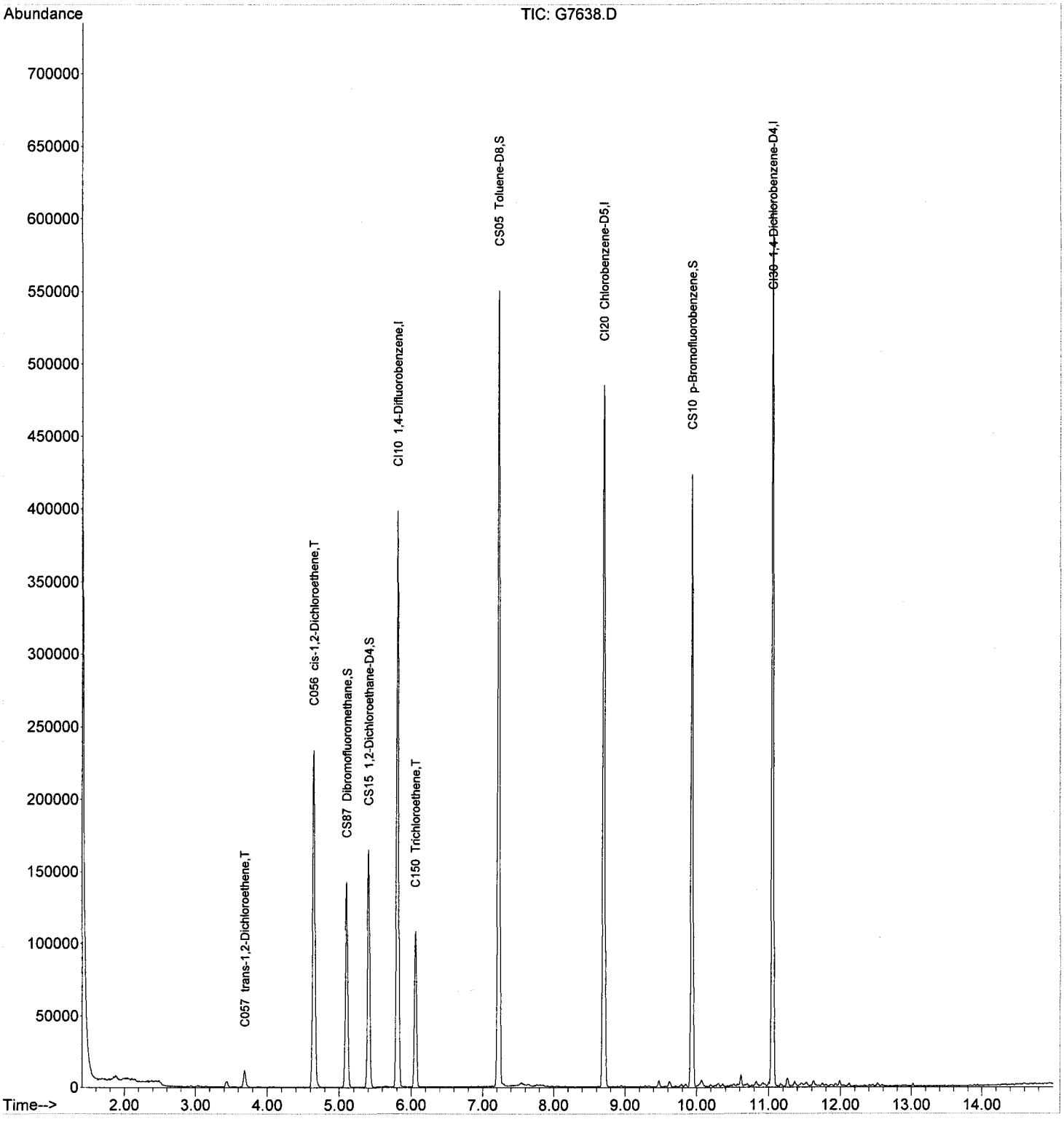
GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 2.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	10	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	2.0	U
91-20-3	Naphthalene	2.0	U
100-42-5	Styrene	2.0	U
79-34-5	1,1,2,2-Tetrachloroethane	2.0	U
127-18-4	Tetrachloroethene	2.0	U
108-88-3	Toluene	2.0	U
120-82-1	1,2,4-Trichlorobenzene	2.0	U
71-55-6	1,1,1-Trichloroethane	2.0	U
79-00-5	1,1,2-Trichloroethane	2.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	2.0	U
75-69-4	Trichlorofluoromethane	2.0	U
79-01-6	Trichloroethene	13	
75-01-4	Vinyl chloride	2.0	U
1330-20-7	Total Xylenes	6.0	U

Data File: C:\MSDChem\1\DATA\122705\G7638.D
Acq On : 28 Dec 2005 5:34
Sample : A5E59202 DF2
Misc :
Integrator: RTE
Quant Time: Dec 28 08:03:27 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 27 21:28:27 2005
Response via : Initial Calibration
Data Path : C:\MSDChem\1\DATA\122705\
Operator : TLC



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Acq On : 28 Dec 2005 5:34
Sample : A5E59202 DF2
Misc :
Integrator: RTE
Quant Time: Dec 28 08:03:27 2005

SAE mc 1/6/06

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 27 21:28:27 2005
Response via : Initial Calibration
Data Path : C:\MSDChem\1\DATA\122705\
Operator : TLC

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.81	114	346703	125.00	ng	0.00 99.19%
43) CI20	Chlorobenzene-D5	8.70	82	172069	125.00	ng	0.00 96.90%
63) CI30	1,4-Dichlorobenzene-	11.05	152	163576	125.00	ng	0.00 95.78%
System Monitoring Compounds							
26) CS87	Dibromofluoromethane	5.10	111	97666	112.54	NG	0.00
Spiked Amount	125.000	Range	70 - 130		Recovery =	90.03%	
31) CS15	1,2-Dichloroethane-D	5.41	65	127664	114.38	ng	0.00
Spiked Amount	125.000	Range	73 - 136		Recovery =	91.50%	
44) CS05	Toluene-D8	7.22	98	407645	117.49	ng	0.00
Spiked Amount	125.000	Range	77 - 122		Recovery =	93.99%	
62) CS10	p-Bromofluorobenzene	9.94	174	124494	116.78	ng	0.00
Spiked Amount	125.000	Range	74 - 120		Recovery =	93.42%	
Target Compounds							Qvalue
2) C290	Dichlorodifluorome	0.00	85	0	N.D.		
3) C010	Chloromethane	1.60	50	61	N.D.		
4) C020	Vinyl chloride	1.72	62	722	N.D.		
5) C015	Bromomethane	0.00	94	0	N.D.		
6) C025	Chloroethane	0.00	64	0	N.D.		
7) C275	Trichlorofluoromet	0.00	101	0	N.D.		
8) C045	1,1-Dichloroethene	2.93	96	121	N.D.		
9) C030	Methylene chloride	3.44	84	2423	N.D.		
10) C040	Carbon disulfide	3.15	76	600	N.D.		
11) C036	Acrolein	0.00	56	0	N.D.		
12) C038	Acrylonitrile	0.00	53	0	N.D.		
13) C035	Acetone	3.04	43	1637	N.D.		
14) C300	Acetonitrile	3.30	41	61	N.D.		
15) C276	Iodomethane	3.09	142	184	N.D.		
16) C291	1,1,2-Trichloro-1,	0.00	101	0	N.D.		
17) C962	T-butyl Methyl Eth	3.71	73	2148	N.D.		
18) C057	trans-1,2-Dichloroet	3.69	96	5127	4.48	ng #	40
19) C255	Methyl Acetate	0.00	43	0	N.D.		
20) C050	1,1-Dichloroethane	4.08	63	274	N.D.		
21) C125	Vinyl Acetate	0.00	43	0	N.D.		
22) C051	2,2-Dichloropropan	4.63	77	125	N.D.		
23) C056	cis-1,2-Dichloroethe	4.64	96	113458	89.20	ng	98
24) C272	Tetrahydrofuran	0.00	42	0	N.D.		
25) C222	Bromochloromethane	0.00	128	0	N.D.		
27) C060	Chloroform	0.00	83	0	N.D.		
28) C115	1,1,1-Trichloroeth	0.00	97	0	N.D.		
29) C120	Carbon tetrachlori	0.00	117	0	N.D.		
30) C116	1,1-Dichloropropen	0.00	75	0	N.D.		
32) C165	Benzene	5.44	78	368	N.D.		
33) C065	1,2-Dichloroethane	0.00	62	0	N.D.		
34) C110	2-Butanone	4.69	43	477	N.D.		
35) C256	Cyclohexane	0.00	56	0	N.D.		
36) C150	Trichloroethene	6.05	95	38751	31.60	ng	93

MT 1/9/2006

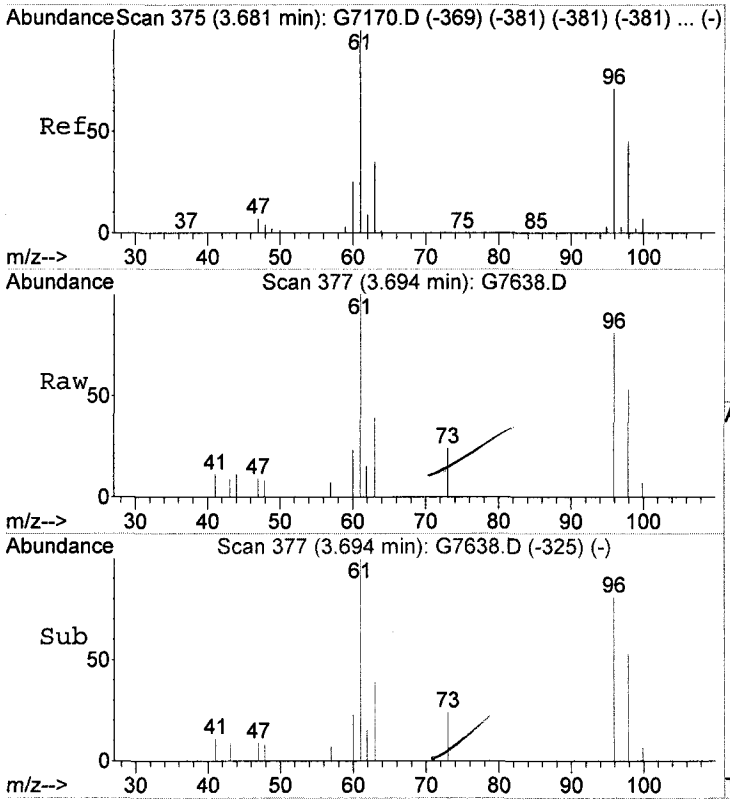
Data File: C:\MSDChem\1\DATA\122705\G7638.D
Acq On : 28 Dec 2005 5:34
Sample : A5E59202 DF2
Misc :
Integrator: RTE
Quant Time: Dec 28 08:03:27 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 27 21:28:27 2005
Response via : Initial Calibration
Data Path : C:\MSDChem\1\DATA\122705\
Operator : TLC

Internal Standards		R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
37) C140	1,2-Dichloropropan	0.00	63	0	N.D.	
38) C278	Dibromomethane	0.00	93	0	N.D.	
39) C130	Bromodichlorometha	0.00	83	0	N.D.	
40) C161	2-Chloroethylvinyl	0.00	63	0	N.D.	
41) C012	Methylcyclohexane	0.00	83	0	N.D.	
42) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.	
45) C230	Toluene	7.28	92	729	N.D.	
46) C170	trans-1,3-Dichloro	0.00	75	0	N.D.	
47) C284	Ethyl Methacrylate	0.00	69	0	N.D.	
48) C160	1,1,2-Trichloroeth	0.00	83	0	N.D.	
49) C210	4-Methyl-2-pentano	7.22	43	1910	N.D.	
50) C220	Tetrachloroethene	0.00	166	0	N.D.	
51) C221	1,3-Dichloropropan	0.00	76	0	N.D.	
52) C155	Dibromochlorometha	0.00	129	0	N.D.	
53) C163	1,2-Dibromoethane	0.00	107	0	N.D.	
54) C215	2-Hexanone	7.85	43	222	N.D.	
55) C235	Chlorobenzene	8.72	112	668	N.D.	
56) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.	
57) C240	Ethylbenzene	8.83	91	61	N.D.	
58) C246	m,p-Xylene	0.00	106	0	N.D.	
59) C247	o-Xylene	0.00	106	0	N.D.	
60) C245	Styrene	0.00	104	0	N.D.	
61) C180	Bromoform	0.00	173	0	N.D.	
64) C966	Isopropylbenzene	9.93	105	64	N.D.	
65) C301	Bromobenzene	0.00	156	0	N.D.	
66) C225	1,1,2,2-Tetrachlor	10.30	83	263	N.D.	
67) C282	1,2,3-Trichloropro	0.00	110	0	N.D.	
68) C283	t-1,4-Dichloro-2-B	0.00	51	0	N.D.	
69) C302	n-Propylbenzene	9.94	91	545	N.D.	
70) C303	2-Chlorotoluene	0.00	126	0	N.D.	
71) C289	4-Chlorotoluene	0.00	126	0	N.D.	
72) C304	1,3,5-Trimethylben	0.00	105	0	N.D.	
73) C306	tert-Butylbenzene	0.00	134	0	N.D.	
74) C307	1,2,4-Trimethylben	10.71	105	338	N.D.	
75) C308	sec-Butylbenzene	10.71	105	338	N.D.	
76) C260	1,3-Dichlorobenzen	0.00	146	0	N.D.	
77) C309	4-Isopropyltoluene	0.00	119	0	N.D.	
78) C267	1,4-Dichlorobenzen	0.00	146	0	N.D.	
79) C249	1,2-Dichlorobenzen	0.00	146	0	N.D.	
80) C310	n-Butylbenzene	11.39	91	57	N.D.	
81) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.	
82) C313	1,2,4-Trichloroben	0.00	180	0	N.D.	
83) C316	Hexachlorobutadien	0.00	225	0	N.D.	
84) C314	Naphthalene	13.03	128	1264	N.D.	
85) C934	1,2,3-Trichloroben	0.00	180	0	N.D.	

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

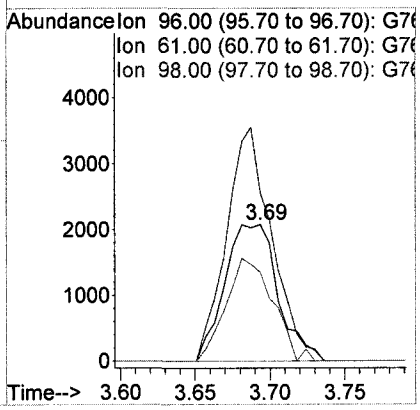
MP 1/9/2006

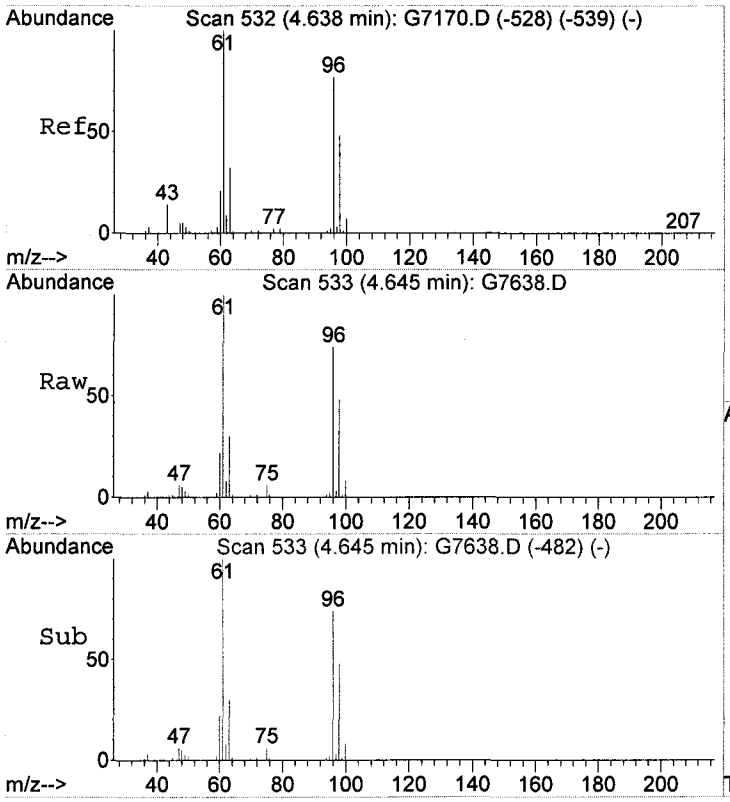


#18
C057 trans-1,2-Dichloroethene
Concen: 4.48 ng
RT: 3.69 min Scan# 377
Delta R.T. 0.02 min
Lab File: G7638.D
Acq: 28 Dec 2005 5:34

Tgt Ion: 96 Resp: 5127

Ion	Ratio	Lower	Upper
96	100		
61	123.1	215.5	275.5#
98	64.9	65.5	125.5#

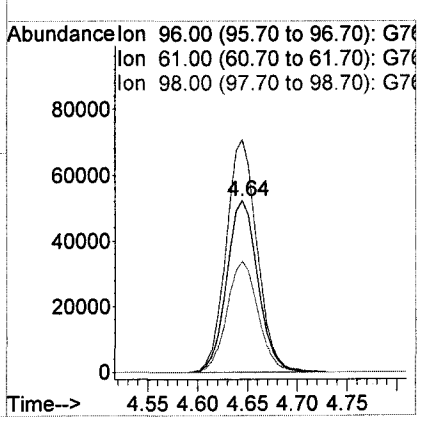


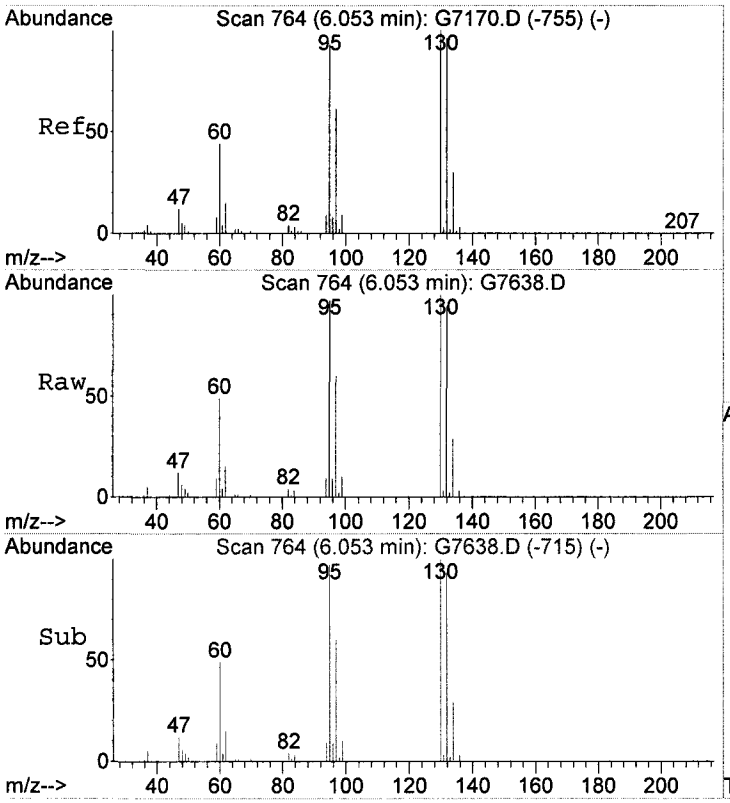


#23
C056 cis-1,2-Dichloroethene
Concen: 89.20 ng
RT: 4.64 min Scan# 533
Delta R.T. 0.01 min
Lab File: G7638.D
Acq: 28 Dec 2005 5:34

Tgt Ion: 96 Resp: 113458

Ion	Ratio	Lower	Upper
96	100		
61	135.3	107.7	167.7
98	65.0	36.9	96.9

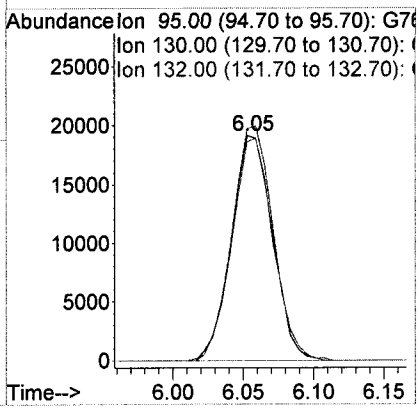




#36
C150 Trichloroethene
Concen: 31.60 ng
RT: 6.05 min Scan# 764
Delta R.T. 0.00 min
Lab File: G7638.D
Acq: 28 Dec 2005 5:34

Tgt Ion: 95 Resp: 38751

Ion	Ratio	Lower	Upper
95	100		
130	102.9	63.6	123.6
132	97.1	62.6	122.6



METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.

MW-22 RI

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 1205GW

Matrix: (soil/water) WATER Lab Sample ID: A5E59202RI

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G7650.RR

Level: (low/med) LOW Date Samp/Recv: 12/21/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/28/2005

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	5.0	U
71-43-2	Benzene	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon Disulfide	1.0	U
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	1.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	1.0	U
110-82-7	Cyclohexane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-59-2	cis-1,2-Dichloroethene	30	
156-60-5	trans-1,2-Dichloroethene	1.4	
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
98-82-8	Isopropylbenzene	1.0	U
79-20-9	Methyl acetate	1.0	U
108-87-2	Methylcyclohexane	1.0	U
75-09-2	Methylene chloride	1.0	U

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.

MW-22 RI

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 1205GW

Matrix: (soil/water) WATER Lab Sample ID: A5E59202RI

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G7650.RR

Level: (low/med) LOW Date Samp/Recv: 12/21/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/28/2005

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

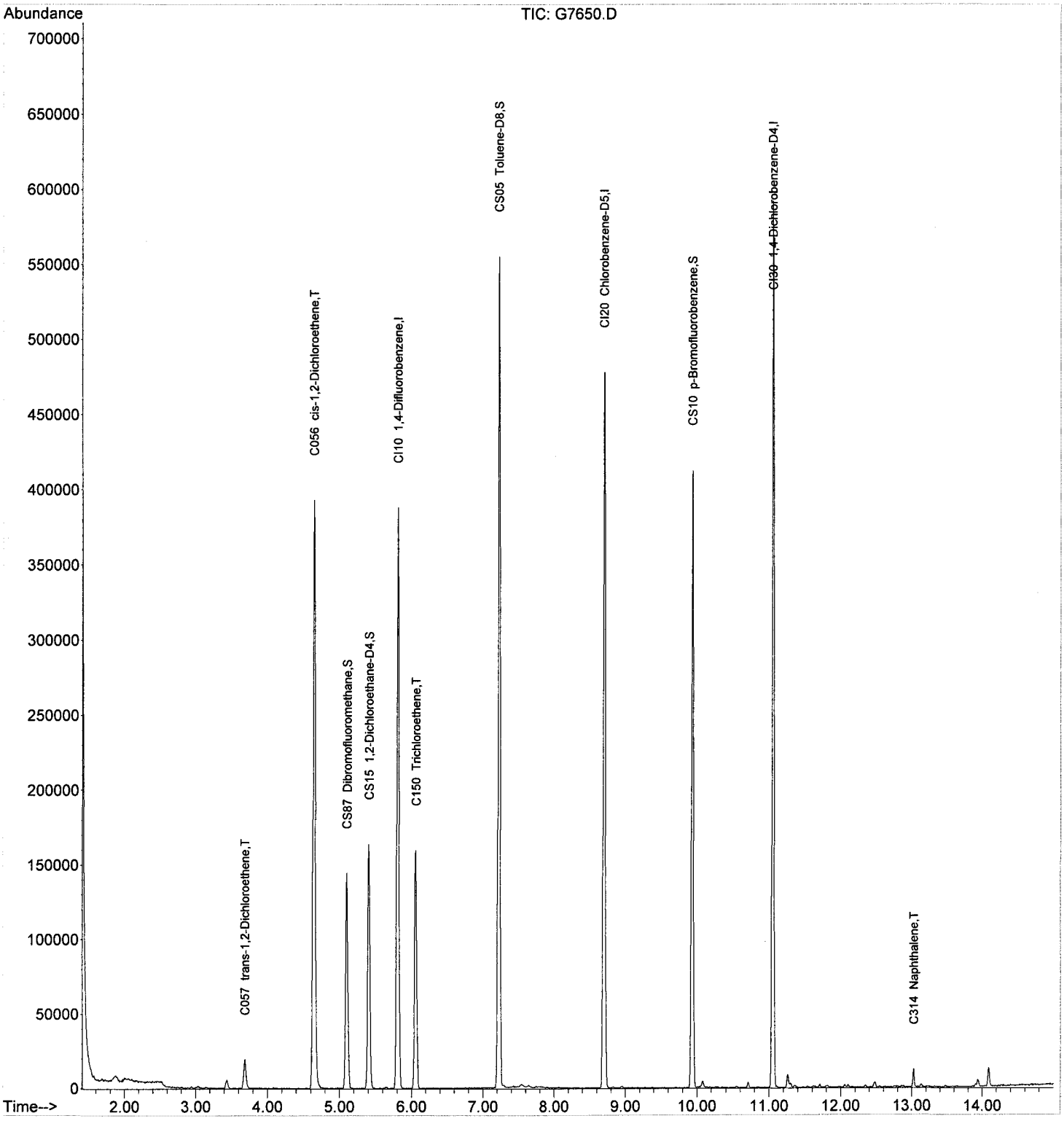
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	5.0	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	1.0	U
91-20-3	Naphthalene	0.45	J
100-42-5	Styrene	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
79-01-6	Trichloroethene	9.6	
75-01-4	Vinyl chloride	1.0	U
1330-20-7	Total Xylenes	3.0	U

Data File: C:\MSDCHEM\1\DATA\122805\G7650.D
Acq On : 28 Dec 2005 12:10
Sample : A5E59202/HEADSPACE
Misc :
Integrator: RTE
Quant Time: Dec 28 15:32:07 2005

RE 1/9/06

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Wed Dec 28 09:16:02 2005
Response via : Initial Calibration
Data Path : C:\MSDCHEM\1\DATA\122805\
Operator : TLC



Data File: C:\MSDCHEM\1\DATA\122805\G7650.D
Acq On : 28 Dec 2005 12:10
Sample : A5E59202 HEADSPACE
Misc :
Integrator: RTE
Quant Time: Dec 28 15:32:07 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Wed Dec 28 09:16:02 2005
Response via : Initial Calibration
Data Path : C:\MSDCHEM\1\DATA\122805\
Operator : TLC

S&E 12/28/05 TLC

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.81	114	341641	125.00	ng	0.00 97.35%
43) CI20	Chlorobenzene-D5	8.70	82	168565	125.00	ng	0.00 96.00%
63) CI30	1,4-Dichlorobenzene-	11.05	152	160884	125.00	ng	0.00 95.52%
System Monitoring Compounds							
26) CS87	Dibromofluoromethane	5.10	111	97149	113.60	NG	0.00
Spiked Amount	125.000	Range	70 - 130	Recovery	=	90.88%	
31) CS15	1,2-Dichloroethane-D	5.41	65	126414	114.94	ng	0.00
Spiked Amount	125.000	Range	73 - 136	Recovery	=	91.95%	
44) CS05	Toluene-D8	7.22	98	402344	118.37	ng	0.00
Spiked Amount	125.000	Range	77 - 122	Recovery	=	94.70%	
62) CS10	p-Bromofluorobenzene	9.94	174	123757	118.50	ng	0.00
Spiked Amount	125.000	Range	74 - 120	Recovery	=	94.80%	
Target Compounds							Qvalue
2) C290	Dichlorodifluorome	0.00	85	0	N.D.		
3) C010	Chloromethane	1.62	50	65	N.D.		
4) C020	Vinyl chloride	1.72	62	880	N.D.		
5) C015	Bromomethane	0.00	94	0	N.D.		
6) C025	Chloroethane	2.18	64	63	N.D.		
7) C275	Trichlorofluoromet	0.00	101	0	N.D.		
8) C045	1,1-Dichloroethene	2.94	96	436	N.D.		
9) C030	Methylene chloride	3.43	84	2728	N.D.		
10) C040	Carbon disulfide	3.14	76	775	N.D.		
11) C036	Acrolein	0.00	56	0	N.D.		
12) C038	Acrylonitrile	0.00	53	0	N.D.		
13) C035	Acetone	3.05	43	2501	N.D.		
14) C300	Acetonitrile	3.32	41	138	N.D.		
15) C276	Iodomethane	3.07	142	303	N.D.		
16) C291	1,1,2-Trichloro-1,	0.00	101	0	N.D.		
17) C962	T-butyl Methyl Eth	3.69	73	4158	N.D.		
18) C057	trans-1,2-Dichloroet	3.69	96	8159	7.24	ng #	56
19) C255	Methyl Acetate	3.41	43	62	N.D.		
20) C050	1,1-Dichloroethane	4.09	63	657	N.D.		
21) C125	Vinyl Acetate	0.00	43	0	N.D.		
22) C051	2,2-Dichloropropan	4.65	77	346	N.D.		
23) C056	cis-1,2-Dichloroethe	4.64	96	187739	149.78	ng	98
24) C272	Tetrahydrofuran	0.00	42	0	N.D.		
25) C222	Bromochloromethane	0.00	128	0	N.D.		
27) C060	Chloroform	0.00	83	0	N.D.		
28) C115	1,1,1-Trichloroeth	0.00	97	0	N.D.		
29) C120	Carbon tetrachlori	0.00	117	0	N.D.		
30) C116	1,1-Dichloropropen	0.00	75	0	N.D.		
32) C165	Benzene	5.44	78	429	N.D.		
33) C065	1,2-Dichloroethane	0.00	62	0	N.D.		
34) C110	2-Butanone	4.68	43	657	N.D.		
35) C256	Cyclohexane	0.00	56	0	N.D.		
36) C150	Trichloroethene	6.05	95	57763	47.80	ng	97

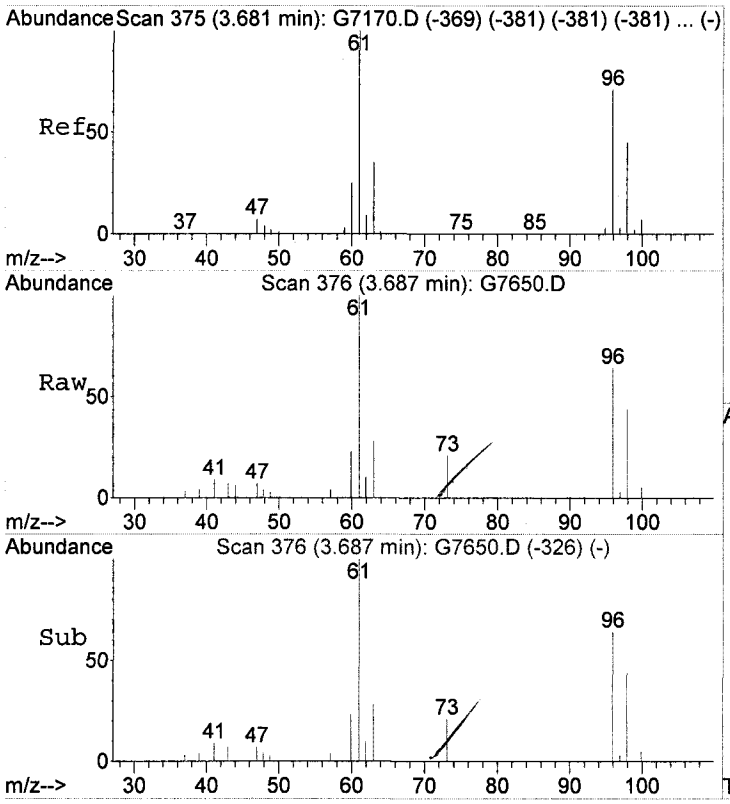
1/6/06

Data File: C:\MSDCHEM\1\DATA\122805\G7650.D
Acq On : 28 Dec 2005 12:10
Sample : A5E59202 HEADSPACE
Misc :
Integrator: RTE
Quant Time: Dec 28 15:32:07 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Wed Dec 28 09:16:02 2005
Response via : Initial Calibration
Data Path : C:\MSDCHEM\1\DATA\122805\
Operator : TLC

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
37) C140	1,2-Dichloropropan	0.00	63	0	N.D.		
38) C278	Dibromomethane	0.00	93	0	N.D.		
39) C130	Bromodichlorometha	0.00	83	0	N.D.		
40) C161	2-Chloroethylvinyl	0.00	63	0	N.D.		
41) C012	Methylcyclohexane	0.00	83	0	N.D.		
42) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.		
45) C230	Toluene	7.28	92	768	N.D.		
46) C170	trans-1,3-Dichloro	0.00	75	0	N.D.		
47) C284	Ethyl Methacrylate	0.00	69	0	N.D.		
48) C160	1,1,2-Trichloroeth	0.00	83	0	N.D.		
49) C210	4-Methyl-2-pentano	7.22	43	1792	N.D.		
50) C220	Tetrachloroethene	0.00	166	0	N.D.		
51) C221	1,3-Dichloropropan	0.00	76	0	N.D.		
52) C155	Dibromochlorometha	0.00	129	0	N.D.		
53) C163	1,2-Dibromoethane	0.00	107	0	N.D.		
54) C215	2-Hexanone	0.00	43	0	N.D.		
55) C235	Chlorobenzene	0.00	112	0	N.D.		
56) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.		
57) C240	Ethylbenzene	8.95	91	1317	N.D.		
58) C246	m,p-Xylene	8.95	106	349	N.D.		
59) C247	o-Xylene	0.00	106	0	N.D.		
60) C245	Styrene	0.00	104	0	N.D.		
61) C180	Bromoform	0.00	173	0	N.D.		
64) C966	Isopropylbenzene	9.94	105	84	N.D.		
65) C301	Bromobenzene	0.00	156	0	N.D.		
66) C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.		
67) C282	1,2,3-Trichloropro	0.00	110	0	N.D.		
68) C283	t-1,4-Dichloro-2-B	0.00	51	0	N.D.		
69) C302	n-Propylbenzene	10.18	91	443	N.D.		
70) C303	2-Chlorotoluene	0.00	126	0	N.D.		
71) C289	4-Chlorotoluene	0.00	126	0	N.D.		
72) C304	1,3,5-Trimethylben	10.35	105	245	N.D.		
73) C306	tert-Butylbenzene	0.00	134	0	N.D.		
74) C307	1,2,4-Trimethylben	10.71	105	2311	N.D.		
75) C308	sec-Butylbenzene	10.71	105	2311	N.D.		
76) C260	1,3-Dichlorobenzen	0.00	146	0	N.D.		
77) C309	4-Isopropyltoluene	11.01	119	65	N.D.		
78) C267	1,4-Dichlorobenzen	0.00	146	0	N.D.		
79) C249	1,2-Dichlorobenzen	0.00	146	0	N.D.		
80) C310	n-Butylbenzene	11.29	91	214	N.D.		
81) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.		
82) C313	1,2,4-Trichloroben	0.00	180	0	N.D.		
83) C316	Hexachlorobutadien	0.00	225	0	N.D.		
84) C314	Naphthalene	13.03	128	9523	2.27	ng	98
85) C934	1,2,3-Trichloroben	13.22	180	187	N.D.		

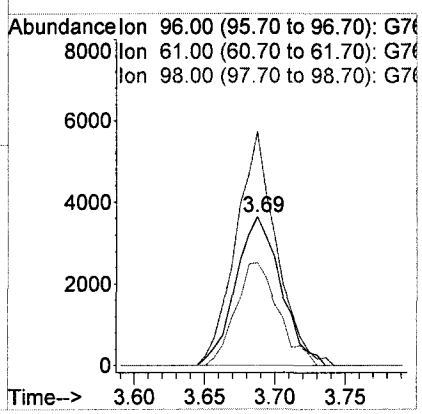
(#) = qualifier out of range (m) = manual integration (+) = signals summed

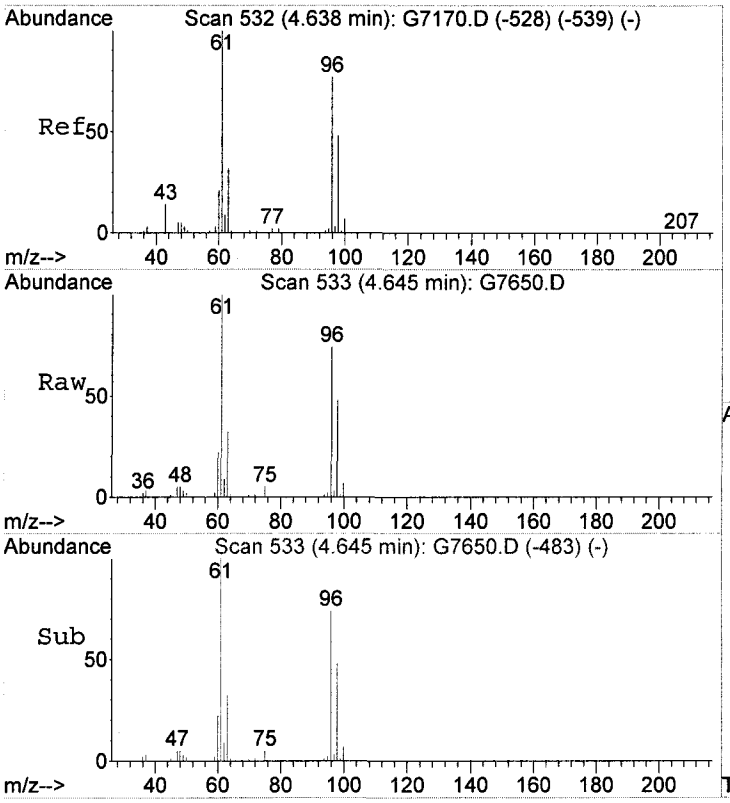


#18
C057 trans-1,2-Dichloroethene
Concen: 7.24 ng
RT: 3.69 min Scan# 376
Delta R.T. 0.01 min
Lab File: G7650.D
Acq: 28 Dec 2005 12:10

Tgt Ion: 96 Resp: 8159

Ion	Ratio	Lower	Upper
96	100		
61	157.3	215.5	275.5#
98	69.2	65.5	125.5

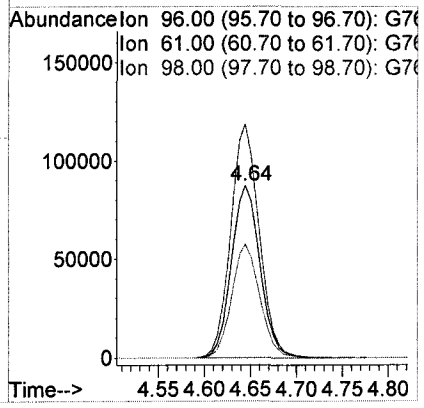


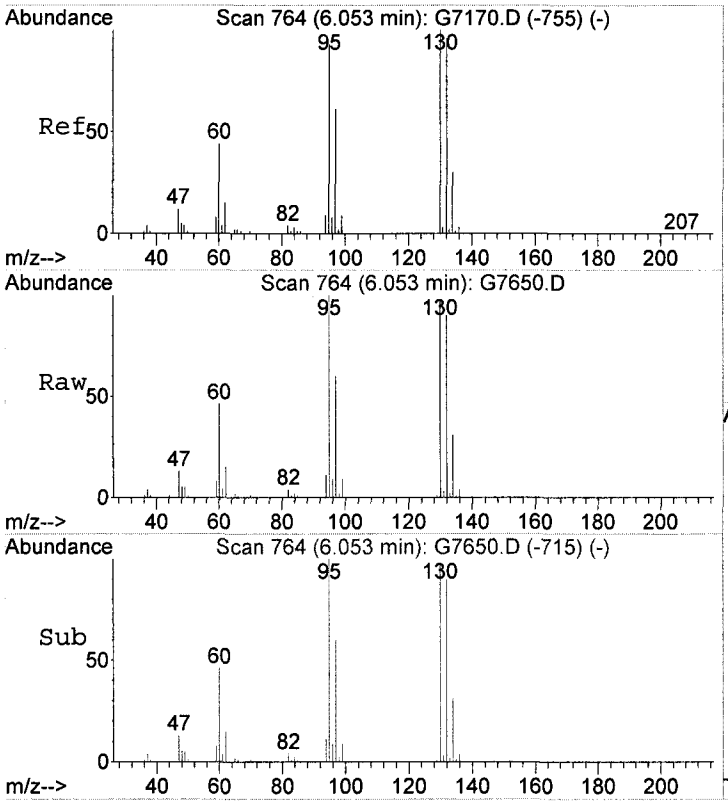


#23
C056 cis-1,2-Dichloroethene
Concen: 149.78 ng
RT: 4.64 min Scan# 533
Delta R.T. 0.01 min
Lab File: G7650.D
Acq: 28 Dec 2005 12:10

Tgt Ion: 96 Resp: 187739

Ion	Ratio	Lower	Upper
96	100		
61	135.7	107.7	167.7
98	65.7	36.9	96.9

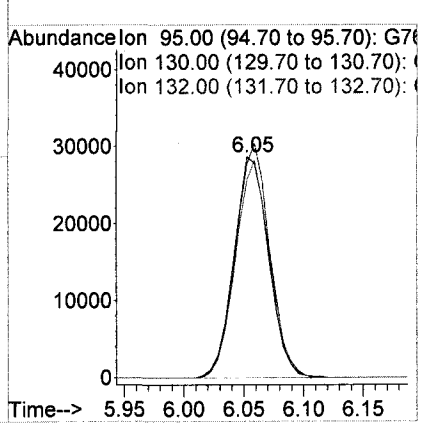


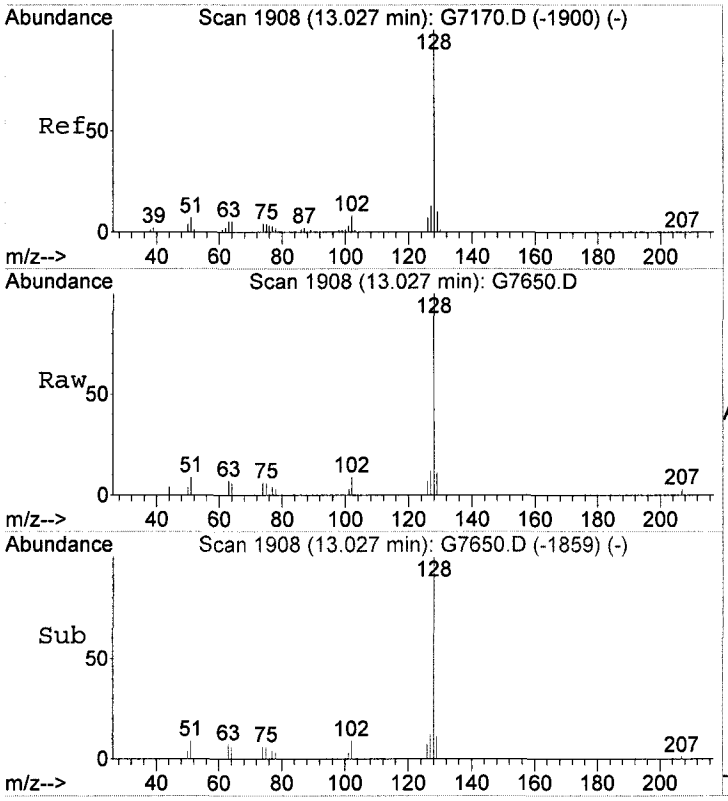


#36
C150 Trichloroethene
Concen: 47.80 ng
RT: 6.05 min Scan# 764
Delta R.T. 0.00 min
Lab File: G7650.D
Acq: 28 Dec 2005 12:10

Tgt Ion: 95 Resp: 57763

Ion	Ratio	Lower	Upper
95	100		
130	96.8	63.6	123.6
132	89.7	62.6	122.6

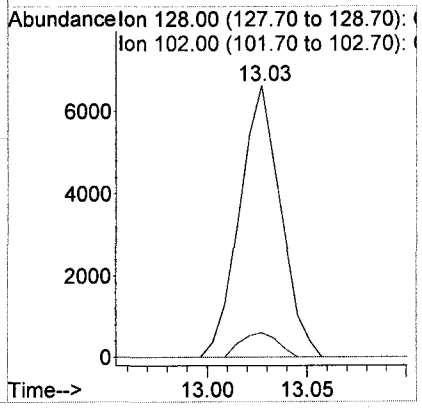




#84
C314 Naphthalene
Concen: 2.27 ng
RT: 13.03 min Scan# 1908
Delta R.T. 0.00 min
Lab File: G7650.D
Acq: 28 Dec 2005 12:10

Tgt Ion:128 Resp: 9523

Ion	Ratio	Lower	Upper
128	100		
102	9.2	0.0	38.3



METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.

MW-23

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 1205GW

Matrix: (soil/water) WATER Lab Sample ID: A5E59209

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G7605.RR

Level: (low/med) LOW Date Samp/Recv: 12/22/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/27/2005

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	5.0	U
71-43-2	Benzene	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon Disulfide	1.0	U
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	1.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	1.0	U
110-82-7	Cyclohexane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-59-2	cis-1,2-Dichloroethene	8.0	
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
98-82-8	Isopropylbenzene	1.0	U
79-20-9	Methyl acetate	1.0	U
108-87-2	Methylcyclohexane	1.0	U
75-09-2	Methylene chloride	1.0	U

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.

MW-23

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 1205GW

Matrix: (soil/water) WATER Lab Sample ID: A5E59209

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G7605.RR

Level: (low/med) LOW Date Samp/Recv: 12/22/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/27/2005

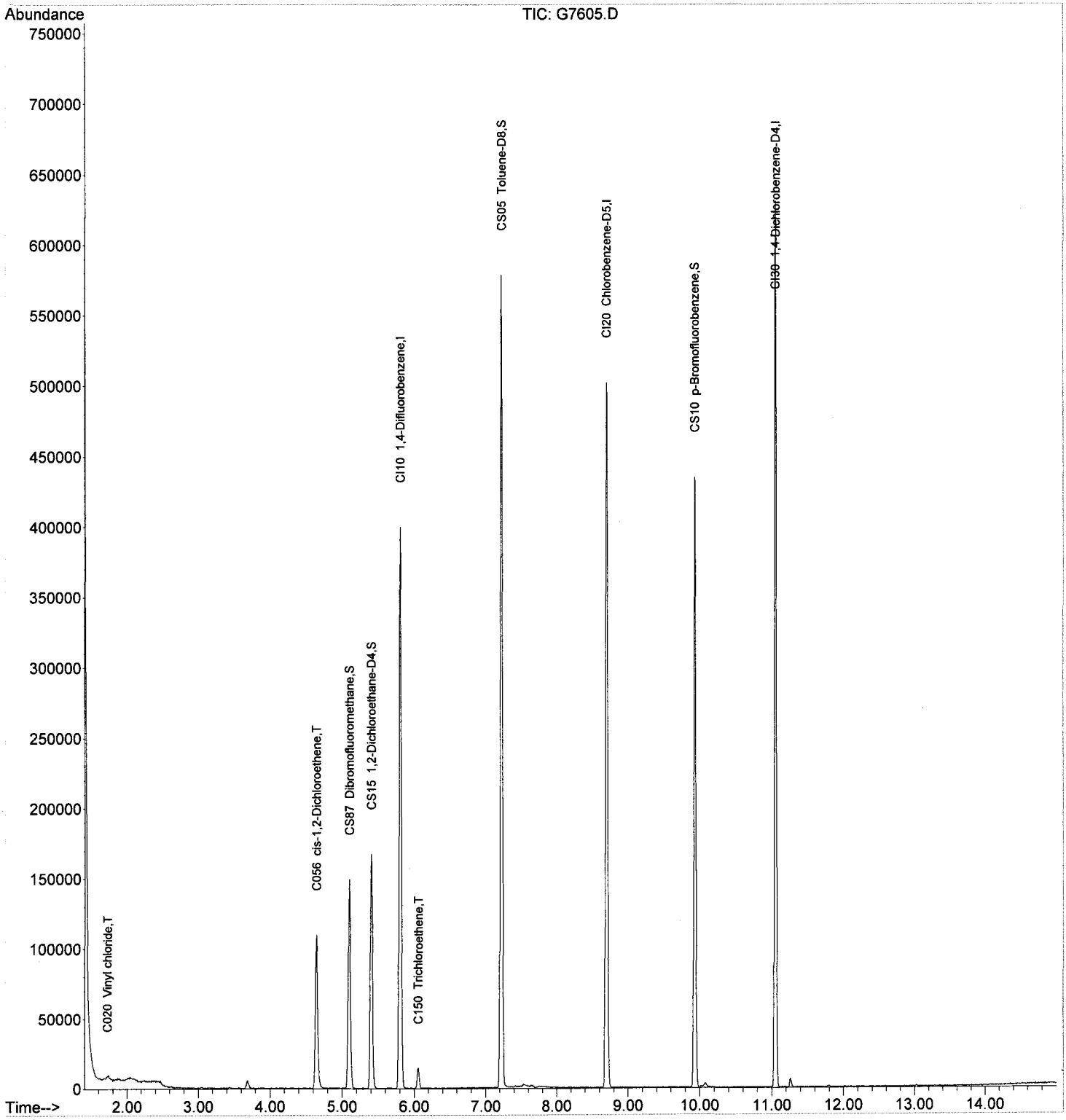
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	5.0	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	1.0	U
91-20-3	Naphthalene	1.0	U
100-42-5	Styrene	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
79-01-6	Trichloroethene	0.86	J
75-01-4	Vinyl chloride	0.77	J
1330-20-7	Total Xylenes	3.0	U

Data File: C:\MSDCHEM\1\DATA\122705\G7605.D
Acq On : 27 Dec 2005 17:02
Sample : A5E59209
Misc :
Integrator: RTE
Quant Time: Dec 27 18:07:57 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 27 08:55:23 2005
Response via : Initial Calibration
Data Path : C:\MSDCHEM\1\DATA\122705\
Operator : TLC



Data File: C:\MSDCHEM\1\DATA\122705\G7605.D
Acq On : 27 Dec 2005 17:02
Sample : A5E59209
Misc :
Integrator: RTE
Quant Time: Dec 27 18:07:57 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 27 08:55:23 2005
Response via : Initial Calibration
Data Path : C:\MSDCHEM\1\DATA\122705\
Operator : TLC

S&E 12/27/05 TLC

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.81	114	354680	125.00	ng	0.00 94.76%
43) CI20	Chlorobenzene-D5	8.70	82	178256	125.00	ng	0.00 92.84%
63) CI30	1,4-Dichlorobenzene-	11.05	152	169454	125.00	ng	0.00 92.46%
System Monitoring Compounds							
26) CS87	Dibromofluoromethane	5.10	111	101199	113.99	NG	0.00
Spiked Amount	125.000	Range	70 - 130	Recovery	=	91.19%	
31) CS15	1,2-Dichloroethane-D	5.41	65	131018	114.74	ng	0.00
Spiked Amount	125.000	Range	73 - 136	Recovery	=	91.79%	
44) CS05	Toluene-D8	7.22	98	418492	116.43	ng	0.00
Spiked Amount	125.000	Range	77 - 122	Recovery	=	93.14%	
62) CS10	p-Bromofluorobenzene	9.94	174	127587	115.52	ng	0.00
Spiked Amount	125.000	Range	74 - 120	Recovery	=	92.42%	
Target Compounds							Qvalue
2) C290	Dichlorodifluorome	0.00	85	0	N.D.		
3) C010	Chloromethane	1.63	50	70	N.D.		
4) C020	Vinyl chloride	1.72	62	5603	3.84	ng	100
5) C015	Bromomethane	2.10	94	68	N.D.		
6) C025	Chloroethane	0.00	64	0	N.D.		
7) C275	Trichlorofluoromet	0.00	101	0	N.D.		
8) C045	1,1-Dichloroethene	0.00	96	0	N.D.		
9) C030	Methylene chloride	3.44	84	129	N.D.		
10) C040	Carbon disulfide	3.14	76	529	N.D.		
11) C036	Acrolein	0.00	56	0	N.D.		
12) C038	Acrylonitrile	0.00	53	0	N.D.		
13) C035	Acetone	3.04	43	981	N.D.		
14) C300	Acetonitrile	3.34	41	127	N.D.		
15) C276	Iodomethane	0.00	142	0	N.D.		
16) C291	1,1,2-Trichloro-1,	0.00	101	0	N.D.		
17) C962	T-butyl Methyl Eth	3.71	73	1544	N.D.		
18) C057	trans-1,2-Dichloro	3.69	96	2225	N.D.		
19) C255	Methyl Acetate	0.00	43	0	N.D.		
20) C050	1,1-Dichloroethane	4.10	63	203	N.D.		
21) C125	Vinyl Acetate	0.00	43	0	N.D.		
22) C051	2,2-Dichloropropan	4.66	77	306	N.D.		
23) C056	cis-1,2-Dichloroethe	4.64	96	51963	39.93	ng	97
24) C272	Tetrahydrofuran	0.00	42	0	N.D.		
25) C222	Bromochloromethane	0.00	128	0	N.D.		
27) C060	Chloroform	0.00	83	0	N.D.		
28) C115	1,1,1-Trichloroeth	0.00	97	0	N.D.		
29) C120	Carbon tetrachlori	0.00	117	0	N.D.		
30) C116	1,1-Dichloropropen	0.00	75	0	N.D.		
32) C165	Benzene	5.45	78	294	N.D.		
33) C065	1,2-Dichloroethane	0.00	62	0	N.D.		
34) C110	2-Butanone	4.67	43	93	N.D.		
35) C256	Cyclohexane	0.00	56	0	N.D.		
36) C150	Trichloroethene	6.06	95	5421	4.32	ng	97

1/6/2006

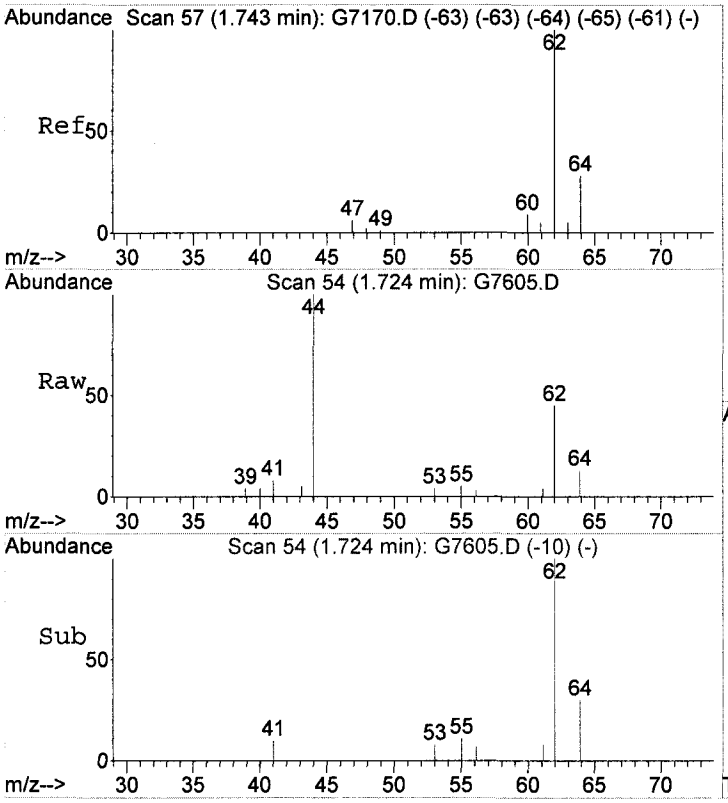
Data File: C:\MSDCHEM\1\DATA\122705\G7605.D
Acq On : 27 Dec 2005 17:02
Sample : A5E59209
Misc :
Integrator: RTE
Quant Time: Dec 27 18:07:57 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 27 08:55:23 2005
Response via : Initial Calibration
Data Path : C:\MSDCHEM\1\DATA\122705\
Operator : TLC

Internal Standards		R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
37) C140	1,2-Dichloropropan	0.00	63	0	N.D.	
38) C278	Dibromomethane	0.00	93	0	N.D.	
39) C130	Bromodichlorometha	0.00	83	0	N.D.	
40) C161	2-Chloroethylvinyl	0.00	63	0	N.D.	
41) C012	Methylcyclohexane	0.00	83	0	N.D.	
42) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.	
45) C230	Toluene	7.28	92	189	N.D.	
46) C170	trans-1,3-Dichloro	0.00	75	0	N.D.	
47) C284	Ethyl Methacrylate	0.00	69	0	N.D.	
48) C160	1,1,2-Trichloroeth	0.00	83	0	N.D.	
49) C210	4-Methyl-2-pentano	7.22	43	2050	N.D.	
50) C220	Tetrachloroethene	0.00	166	0	N.D.	
51) C221	1,3-Dichloropropan	0.00	76	0	N.D.	
52) C155	Dibromochlorometha	0.00	129	0	N.D.	
53) C163	1,2-Dibromoethane	0.00	107	0	N.D.	
54) C215	2-Hexanone	0.00	43	0	N.D.	
55) C235	Chlorobenzene	0.00	112	0	N.D.	
56) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.	
57) C240	Ethylbenzene	8.95	91	58	N.D.	
58) C246	m,p-Xylene	0.00	106	0	N.D.	
59) C247	o-Xylene	0.00	106	0	N.D.	
60) C245	Styrene	0.00	104	0	N.D.	
61) C180	Bromoform	0.00	173	0	N.D.	
64) C966	Isopropylbenzene	0.00	105	0	N.D.	
65) C301	Bromobenzene	0.00	156	0	N.D.	
66) C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.	
67) C282	1,2,3-Trichloropro	0.00	110	0	N.D.	
68) C283	t-1,4-Dichloro-2-B	0.00	51	0	N.D.	
69) C302	n-Propylbenzene	9.93	91	317	N.D.	
70) C303	2-Chlorotoluene	0.00	126	0	N.D.	
71) C289	4-Chlorotoluene	0.00	126	0	N.D.	
72) C304	1,3,5-Trimethylben	0.00	105	0	N.D.	
73) C306	tert-Butylbenzene	0.00	134	0	N.D.	
74) C307	1,2,4-Trimethylben	0.00	105	0	N.D.	
75) C308	sec-Butylbenzene	0.00	105	0	N.D.	
76) C260	1,3-Dichlorobenzen	0.00	146	0	N.D.	
77) C309	4-Isopropyltoluene	0.00	119	0	N.D.	
78) C267	1,4-Dichlorobenzen	0.00	146	0	N.D.	
79) C249	1,2-Dichlorobenzen	0.00	146	0	N.D.	
80) C310	n-Butylbenzene	0.00	91	0	N.D.	
81) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.	
82) C313	1,2,4-Trichloroben	0.00	180	0	N.D.	
83) C316	Hexachlorobutadien	0.00	225	0	N.D.	
84) C314	Naphthalene	13.03	128	1027	N.D.	
85) C934	1,2,3-Trichloroben	0.00	180	0	N.D.	

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

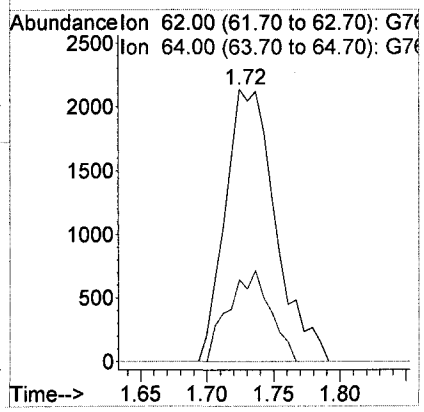
mjm 1/6/06

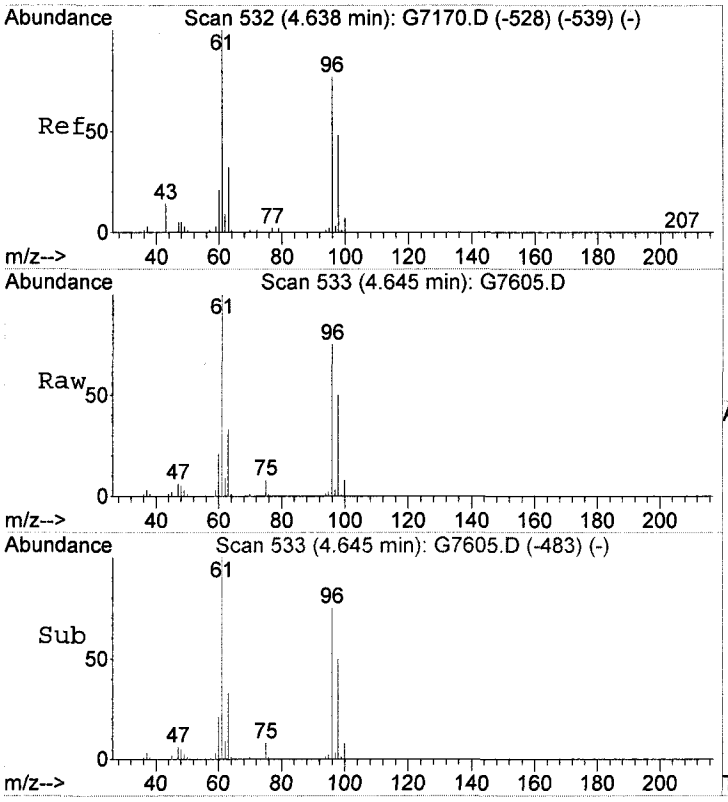


#4
C020 Vinyl chloride
Concen: 3.84 ng
RT: 1.72 min Scan# 54
Delta R.T. -0.03 min
Lab File: G7605.D
Acq: 27 Dec 2005 17:02

Tgt Ion: 62 Resp: 5603

Ion	Ratio	Lower	Upper
62	100		
64	30.1	0.0	59.9

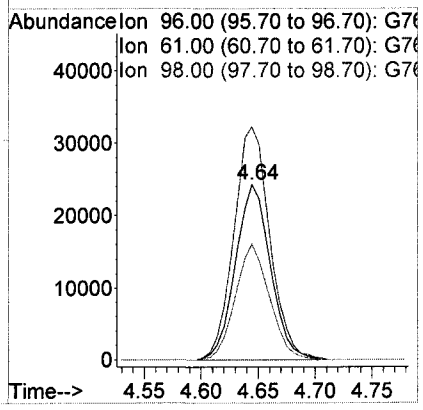


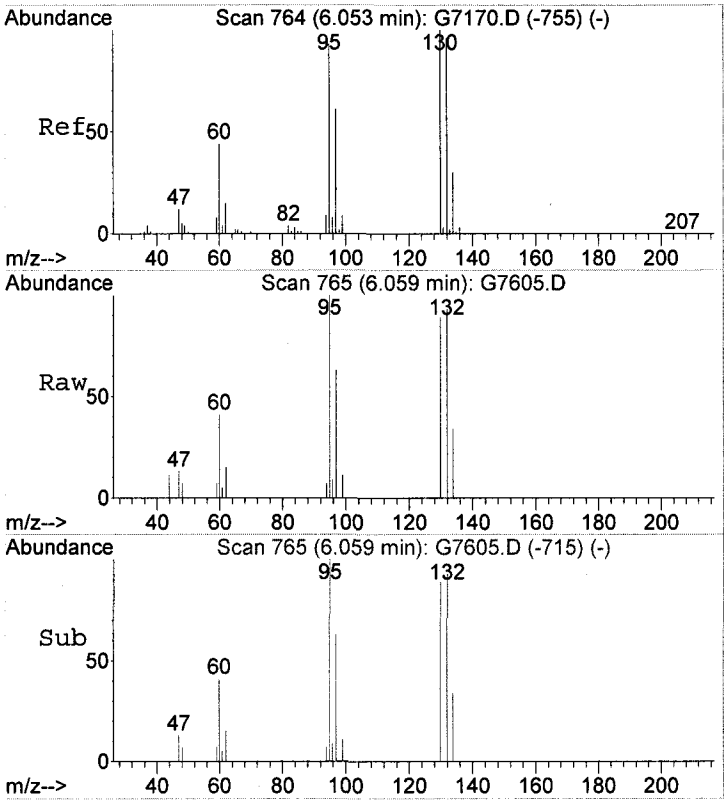


#23
C056 cis-1,2-Dichloroethene
Concen: 39.93 ng
RT: 4.64 min Scan# 533
Delta R.T. 0.01 min
Lab File: G7605.D
Acq: 27 Dec 2005 17:02

Tgt Ion: 96 Resp: 51963

Ion	Ratio	Lower	Upper
96	100		
61	132.6	107.7	167.7
98	65.9	36.9	96.9

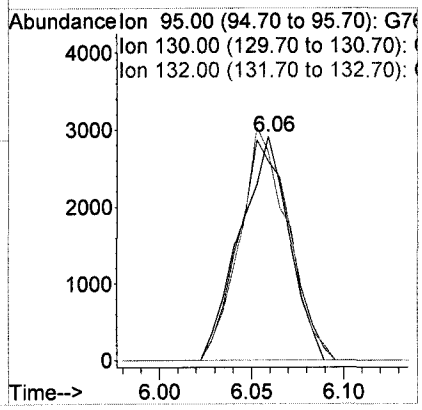




#36
C150 Trichloroethene
Concen: 4.32 ng
RT: 6.06 min Scan# 765
Delta R.T. 0.01 min
Lab File: G7605.D
Acq: 27 Dec 2005 17:02

Tgt Ion: 95 Resp: 5421

Ion	Ratio	Lower	Upper
95	100		
130	88.9	63.6	123.6
132	93.2	62.6	122.6



METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.

MW-24

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 1205GW

Matrix: (soil/water) WATER Lab Sample ID: A5E59206

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G7602.RR

Level: (low/med) LOW Date Samp/Recv: 12/22/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/27/2005

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	5.0	U
71-43-2	Benzene	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon Disulfide	1.0	U
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	1.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	1.0	U
110-82-7	Cyclohexane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-59-2	cis-1,2-Dichloroethene	1.8	
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
98-82-8	Isopropylbenzene	1.0	U
79-20-9	Methyl acetate	1.0	U
108-87-2	Methylcyclohexane	1.0	U
75-09-2	Methylene chloride	1.0	U

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.

MW-24

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 1205GW

Matrix: (soil/water) WATER Lab Sample ID: A5E59206

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G7602.RR

Level: (low/med) LOW Date Samp/Recv: 12/22/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/27/2005

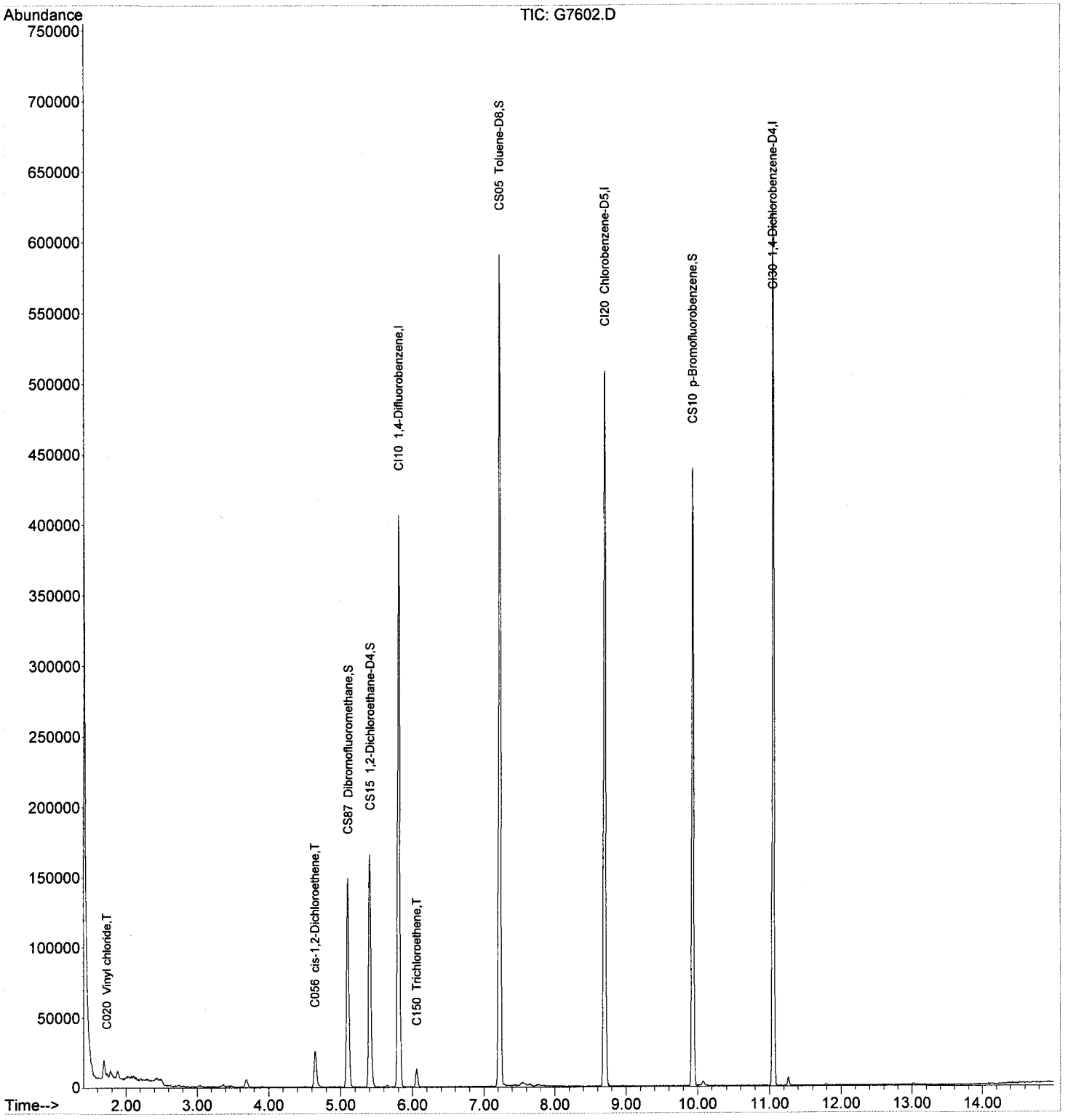
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	5.0	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	1.0	U
91-20-3	Naphthalene	1.0	U
100-42-5	Styrene	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
79-01-6	Trichloroethene	0.77	J
75-01-4	Vinyl chloride	0.62	J
1330-20-7	Total Xylenes	3.0	U

Data File: C:\MSDCHEM\1\DATA\122705\G7602.D
Acq On : 27 Dec 2005 15:53
Sample : A5E59206
Misc :
Integrator: RTE
Quant Time: Dec 27 18:07:42 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 27 08:55:23 2005
Response via : Initial Calibration
Data Path : C:\MSDCHEM\1\DATA\122705\
Operator : TLC



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Sample : A5E59206
Misc :
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Quant Time: Dec 27 18:07:42 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 27 08:55:23 2005
Response via : Initial Calibration
Data Path : C:\MSDCHEM\1\DATA\122705\
Operator : TLC

SAE 12/27/05 TLC

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10 1,4-Difluorobenzene	5.81	114	358518	125.00	ng	0.00 95.79%
43) CI20 Chlorobenzene-D5	8.70	82	180713	125.00	ng	0.00 94.12%
63) CI30 1,4-Dichlorobenzene-	11.06	152	171268	125.00	ng	0.00 93.45%
System Monitoring Compounds						
26) CS87 Dibromofluoromethane	5.10	111	102049	113.71	NG	0.00
Spiked Amount 125.000	Range 70 - 130		Recovery = 90.97%			
31) CS15 1,2-Dichloroethane-D	5.41	65	133983	116.08	ng	0.00
Spiked Amount 125.000	Range 73 - 136		Recovery = 92.86%			
44) CS05 Toluene-D8	7.22	98	430017	118.01	ng	0.00
Spiked Amount 125.000	Range 77 - 122		Recovery = 94.41%			
62) CS10 p-Bromofluorobenzene	9.94	174	129197	115.39	ng	0.00
Spiked Amount 125.000	Range 74 - 120		Recovery = 92.31%			
Target Compounds						Qvalue
2) C290 Dichlorodifluorome	0.00	85	0	N.D.		
3) C010 Chloromethane	1.61	50	420	N.D.		
4) C020 Vinyl chloride	1.74	62	4545	3.08	ng	91
5) C015 Bromomethane	0.00	94	0	N.D.		
6) C025 Chloroethane	0.00	64	0	N.D.		
7) C275 Trichlorofluoromet	0.00	101	0	N.D.		
8) C045 1,1-Dichloroethene	0.00	96	0	N.D.		
9) C030 Methylene chloride	3.44	84	94	N.D.		
10) C040 Carbon disulfide	3.15	76	743	N.D.		
11) C036 Acrolein	0.00	56	0	N.D.		
12) C038 Acrylonitrile	0.00	53	0	N.D.		
13) C035 Acetone	3.04	43	2898	N.D.		
14) C300 Acetonitrile	3.27	41	145	N.D.		
15) C276 Iodomethane	0.00	142	0	N.D.		
16) C291 1,1,2-Trichloro-1,	0.00	101	0	N.D.		
17) C962 T-butyl Methyl Eth	3.71	73	1866	N.D.		
18) C057 trans-1,2-Dichloro	3.69	96	2351	N.D.		
19) C255 Methyl Acetate	3.32	43	97	N.D.		
20) C050 1,1-Dichloroethane	0.00	63	0	N.D.		
21) C125 Vinyl Acetate	0.00	43	0	N.D.		
22) C051 2,2-Dichloropropan	4.66	77	129	N.D.		
23) C056 cis-1,2-Dichloroethe	4.64	96	11685	8.88	ng	97
24) C272 Tetrahydrofuran	0.00	42	0	N.D.		
25) C222 Bromochloromethane	0.00	128	0	N.D.		
27) C060 Chloroform	0.00	83	0	N.D.		
28) C115 1,1,1-Trichloroeth	0.00	97	0	N.D.		
29) C120 Carbon tetrachlori	0.00	117	0	N.D.		
30) C116 1,1-Dichloropropen	0.00	75	0	N.D.		
32) C165 Benzene	5.44	78	4104	N.D.		
33) C065 1,2-Dichloroethane	0.00	62	0	N.D.		
34) C110 2-Butanone	4.68	43	937	N.D.		
35) C256 Cyclohexane	0.00	56	0	N.D.		
36) C150 Trichloroethene	6.05	95	4866	3.84	ng	91

1/6/06

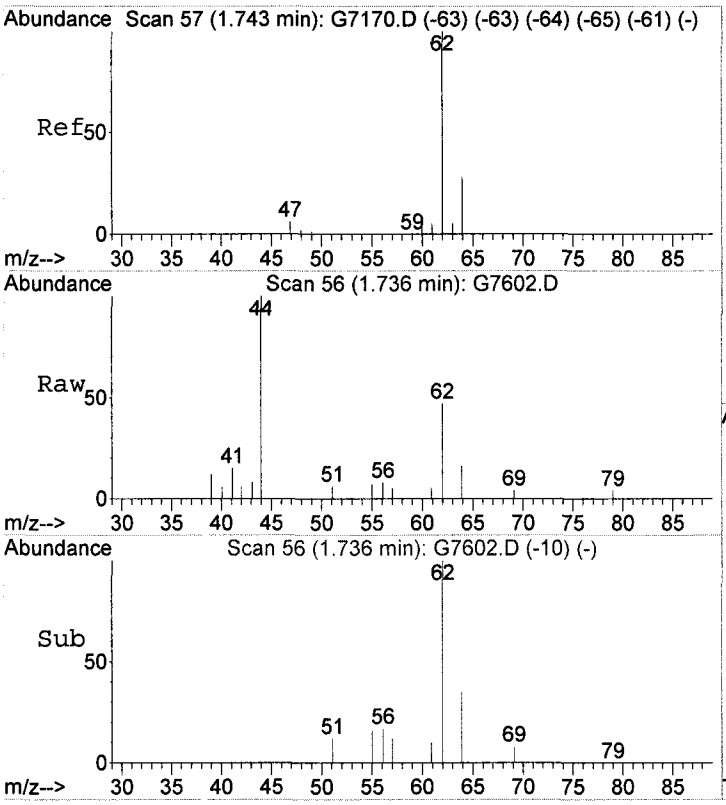
Data File: C:\MSDCHEM\1\DATA\122705\G7602.D
Acq On : 27 Dec 2005 15:53
Sample : A5E59206
Misc :
Integrator: RTE
Quant Time: Dec 27 18:07:42 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 27 08:55:23 2005
Response via : Initial Calibration
Data Path : C:\MSDCHEM\1\DATA\122705\
Operator : TLC

Internal Standards			R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
37)	C140	1,2-Dichloropropan	0.00	63	0	N.D.	
38)	C278	Dibromomethane	0.00	93	0	N.D.	
39)	C130	Bromodichlorometha	0.00	83	0	N.D.	
40)	C161	2-Chloroethylvinyl	6.86	63	218	N.D.	
41)	C012	Methylcyclohexane	0.00	83	0	N.D.	
42)	C145	cis-1,3-Dichloropr	0.00	75	0	N.D.	
45)	C230	Toluene	7.29	92	345	N.D.	
46)	C170	trans-1,3-Dichloro	0.00	75	0	N.D.	
47)	C284	Ethyl Methacrylate	0.00	69	0	N.D.	
48)	C160	1,1,2-Trichloroeth	0.00	83	0	N.D.	
49)	C210	4-Methyl-2-pentano	7.13	43	58	N.D.	
50)	C220	Tetrachloroethene	0.00	166	0	N.D.	
51)	C221	1,3-Dichloropropan	0.00	76	0	N.D.	
52)	C155	Dibromochlorometha	0.00	129	0	N.D.	
53)	C163	1,2-Dibromoethane	0.00	107	0	N.D.	
54)	C215	2-Hexanone	7.77	43	595	N.D.	
55)	C235	Chlorobenzene	0.00	112	0	N.D.	
56)	C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.	
57)	C240	Ethylbenzene	8.94	91	80	N.D.	
58)	C246	m,p-Xylene	8.95	106	60	N.D.	
59)	C247	o-Xylene	0.00	106	0	N.D.	
60)	C245	Styrene	0.00	104	0	N.D.	
61)	C180	Bromoform	0.00	173	0	N.D.	
64)	C966	Isopropylbenzene	0.00	105	0	N.D.	
65)	C301	Bromobenzene	0.00	156	0	N.D.	
66)	C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.	
67)	C282	1,2,3-Trichloropro	0.00	110	0	N.D.	
68)	C283	t-1,4-Dichloro-2-B	0.00	51	0	N.D.	
69)	C302	n-Propylbenzene	0.00	91	0	N.D.	
70)	C303	2-Chlorotoluene	0.00	126	0	N.D.	
71)	C289	4-Chlorotoluene	0.00	126	0	N.D.	
72)	C304	1,3,5-Trimethylben	0.00	105	0	N.D.	
73)	C306	tert-Butylbenzene	0.00	134	0	N.D.	
74)	C307	1,2,4-Trimethylben	10.72	105	259	N.D.	
75)	C308	sec-Butylbenzene	10.72	105	259	N.D.	
76)	C260	1,3-Dichlorobenzen	0.00	146	0	N.D.	
77)	C309	4-Isopropyltoluene	11.00	119	163	N.D.	
78)	C267	1,4-Dichlorobenzen	0.00	146	0	N.D.	
79)	C249	1,2-Dichlorobenzen	0.00	146	0	N.D.	
80)	C310	n-Butylbenzene	0.00	91	0	N.D.	
81)	C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.	
82)	C313	1,2,4-Trichloroben	0.00	180	0	N.D.	
83)	C316	Hexachlorobutadien	0.00	225	0	N.D.	
84)	C314	Naphthalene	13.03	128	1423	N.D.	
85)	C934	1,2,3-Trichloroben	0.00	180	0	N.D.	

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

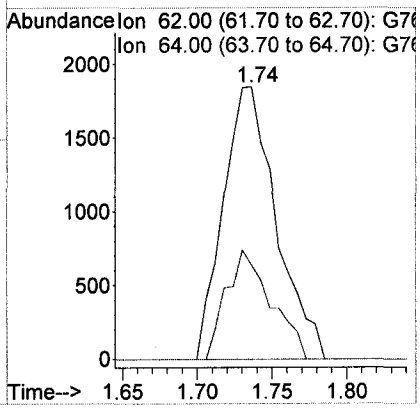
1/6/06

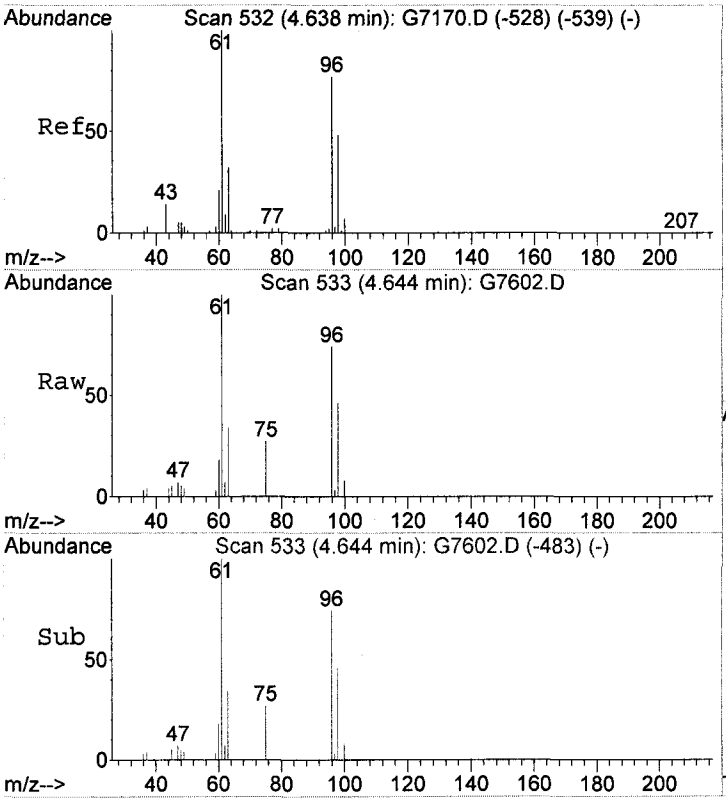


#4
C020 Vinyl chloride
Concen: 3.08 ng
RT: 1.74 min Scan# 56
Delta R.T. -0.02 min
Lab File: G7602.D
Acq: 27 Dec 2005 15:53

Tgt Ion: 62 Resp: 4545

Ion	Ratio	Lower	Upper
62	100		
64	34.7	0.0	59.9

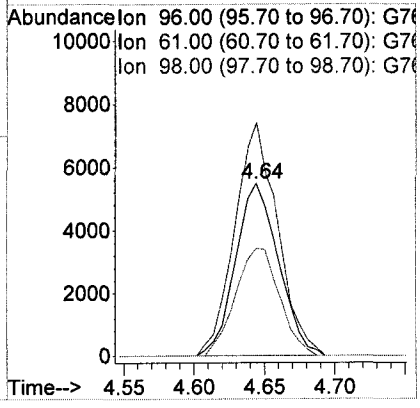


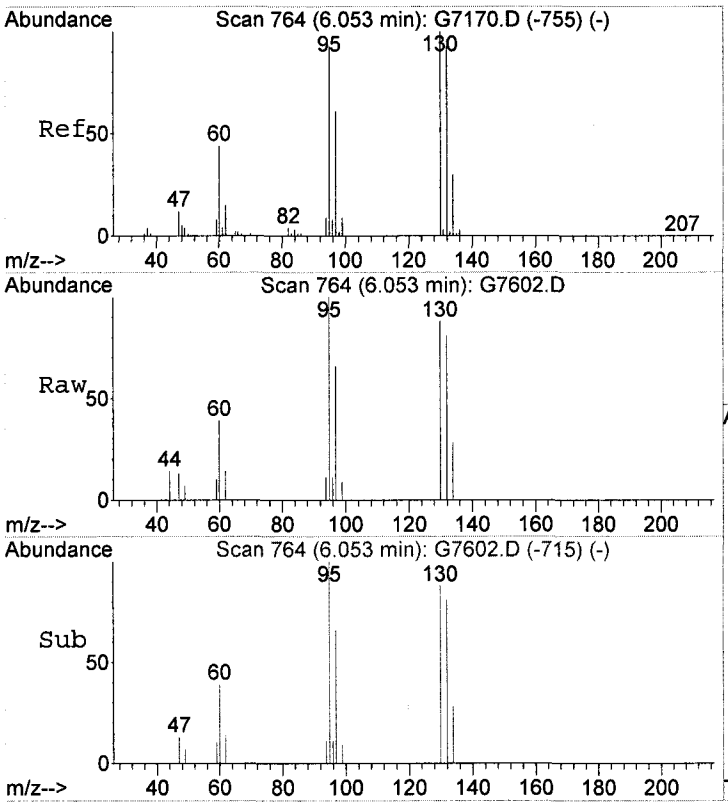


#23
C056 cis-1,2-Dichloroethene
Concen: 8.88 ng
RT: 4.64 min Scan# 533
Delta R.T. 0.01 min
Lab File: G7602.D
Acq: 27 Dec 2005 15:53

Tgt Ion: 96 Resp: 11685

Ion	Ratio	Lower	Upper
96	100		
61	134.8	107.7	167.7
98	62.5	36.9	96.9

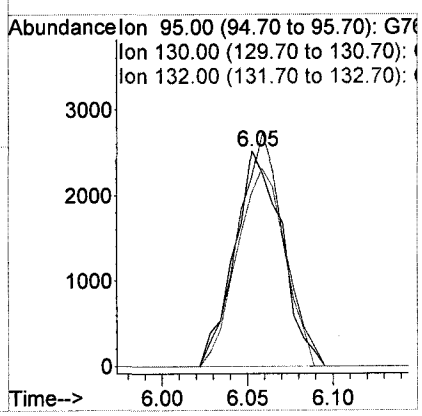




#36
C150 Trichloroethene
Concen: 3.84 ng
RT: 6.05 min Scan# 764
Delta R.T. 0.00 min
Lab File: G7602.D
Acq: 27 Dec 2005 15:53

Tgt Ion: 95 Resp: 4866

Ion	Ratio	Lower	Upper
95	100		
130	87.6	63.6	123.6
132	80.5	62.6	122.6



METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.

MW-25

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 1205GW

Matrix: (soil/water) WATER Lab Sample ID: A5E59203

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G7599.RR

Level: (low/med) LOW Date Samp/Recv: 12/21/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/27/2005

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	5.0	U
71-43-2	Benzene	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon Disulfide	1.0	U
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	1.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	1.0	U
110-82-7	Cyclohexane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-59-2	cis-1,2-Dichloroethene	29	
156-60-5	trans-1,2-Dichloroethene	0.98	J
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	0.50	J
591-78-6	2-Hexanone	5.0	U
98-82-8	Isopropylbenzene	0.64	J
79-20-9	Methyl acetate	1.0	U
108-87-2	Methylcyclohexane	1.0	U
75-09-2	Methylene chloride	1.0	U

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.

MW-25

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 1205GW

Matrix: (soil/water) WATER Lab Sample ID: A5E59203

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G7599.RR

Level: (low/med) LOW Date Samp/Recv: 12/21/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/27/2005

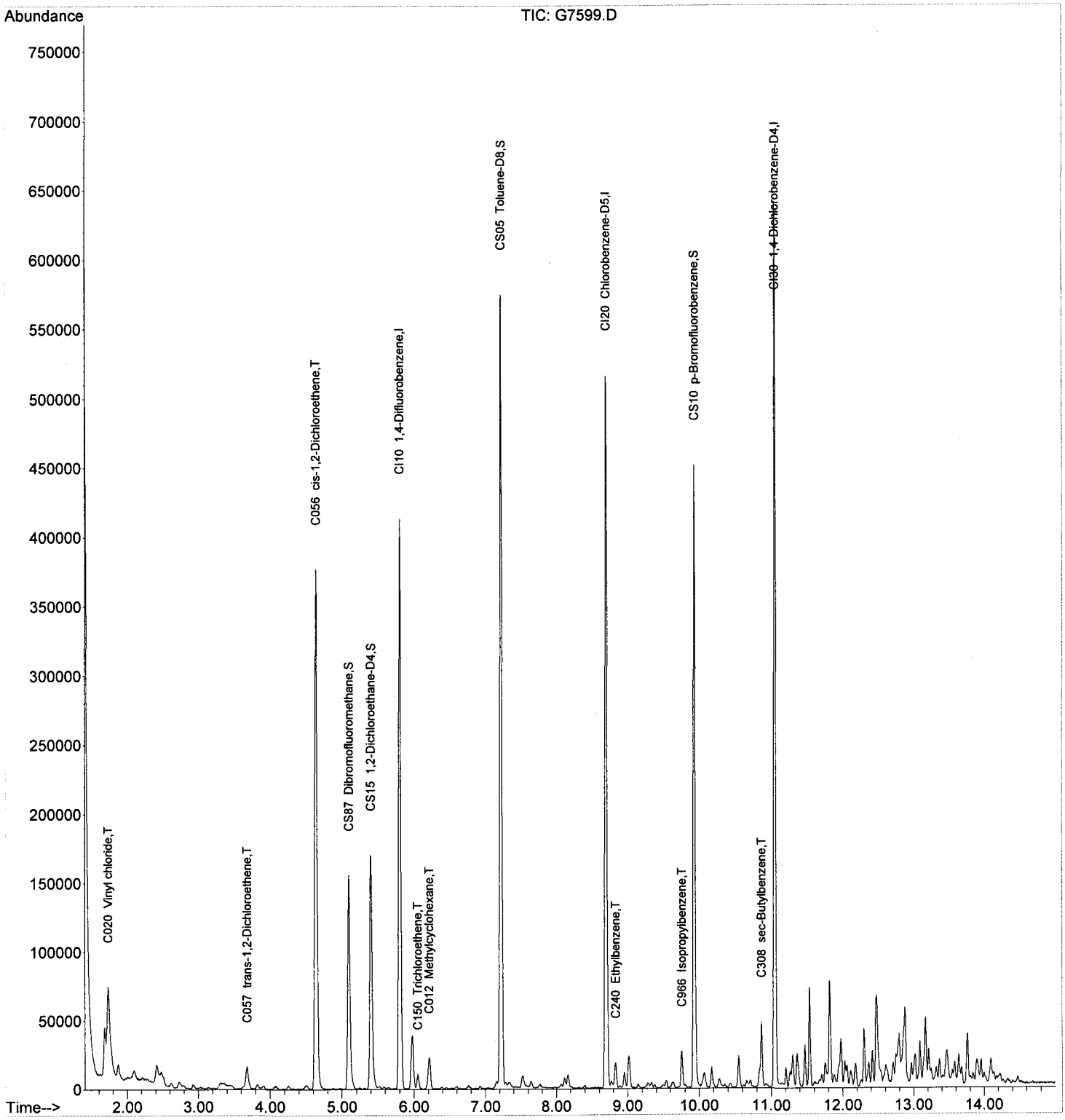
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	5.0	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	1.0	U
91-20-3	Naphthalene	1.0	U
100-42-5	Styrene	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
79-01-6	Trichloroethene	0.58	J
75-01-4	Vinyl chloride	14	
1330-20-7	Total Xylenes	3.0	U

Data File: C:\MSDCHEM\1\DATA\122705\G7599.D
Acq On : 27 Dec 2005 14:46
Sample : A5E59203
Misc :
Integrator: RTE
Quant Time: Dec 27 18:07:16 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 27 08:55:23 2005
Response via : Initial Calibration
Data Path : C:\MSDCHEM\1\DATA\122705\
Operator : TLC



Data File: C:\MSDCHEM\1\DATA\122705\G7599.D
Acq On : 27 Dec 2005 14:46
Sample : A5E59203
Misc :
Integrator: RTE
Quant Time: Dec 27 18:07:16 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 27 08:55:23 2005
Response via : Initial Calibration
Data Path : C:\MSDCHEM\1\DATA\122705\
Operator : TLC

SG 12/27/05 TLC

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.80	114	357381	125.00	ng	0.00 95.49%
43) CI20	Chlorobenzene-D5	8.70	82	182818	125.00	ng	0.00 95.21%
63) CI30	1,4-Dichlorobenzene-	11.06	152	171907	125.00	ng	0.00 93.80%
System Monitoring Compounds							
26) CS87	Dibromofluoromethane	5.10	111	103372	115.55	NG	0.00
Spiked Amount	125.000	Range	70 - 130	Recovery	=	92.44%	
31) CS15	1,2-Dichloroethane-D	5.40	65	133923	116.40	ng	0.00
Spiked Amount	125.000	Range	73 - 136	Recovery	=	93.12%	
44) CS05	Toluene-D8	7.22	98	424297	115.10	ng	0.00
Spiked Amount	125.000	Range	77 - 122	Recovery	=	92.08%	
62) CS10	p-Bromofluorobenzene	9.94	174	130645	115.34	ng	0.00
Spiked Amount	125.000	Range	74 - 120	Recovery	=	92.27%	
Target Compounds							Qvalue
2) C290	Dichlorodifluorome	0.00	85	0	N.D.		
3) C010	Chloromethane	1.61	50	870	N.D.		
4) C020	Vinyl chloride	1.73	62	106465	72.34	ng	97
5) C015	Bromomethane	2.05	94	69	N.D.		
6) C025	Chloroethane	2.16	64	308	N.D.		
7) C275	Trichlorofluoromet	0.00	101	0	N.D.		
8) C045	1,1-Dichloroethene	2.94	96	1347	N.D.		
9) C030	Methylene chloride	3.44	84	515	N.D.		
10) C040	Carbon disulfide	3.14	76	1550	N.D.		
11) C036	Acrolein	2.92	56	62	N.D.		
12) C038	Acrylonitrile	0.00	53	0	N.D.		
13) C035	Acetone	3.02	43	2436	N.D.		
14) C300	Acetonitrile	3.39	41	896	N.D.		
15) C276	Iodomethane	3.07	142	59	N.D.		
16) C291	1,1,2-Trichloro-1,	0.00	101	0	N.D.		
17) C962	T-butyl Methyl Eth	3.69	73	5738	N.D.		
18) C057	trans-1,2-Dichloroet	3.68	96	5809	4.93	ng #	55
19) C255	Methyl Acetate	3.30	43	1781	N.D.		
20) C050	1,1-Dichloroethane	4.08	63	2550	N.D.		
21) C125	Vinyl Acetate	4.05	43	59	N.D.		
22) C051	2,2-Dichloropropan	0.00	77	0	N.D.		
23) C056	cis-1,2-Dichloroethe	4.64	96	189313	144.38	ng	98
24) C272	Tetrahydrofuran	0.00	42	0	N.D.		
25) C222	Bromochloromethane	0.00	128	0	N.D.		
27) C060	Chloroform	0.00	83	0	N.D.		
28) C115	1,1,1-Trichloroeth	5.08	97	63	N.D.		
29) C120	Carbon tetrachlori	0.00	117	0	N.D.		
30) C116	1,1-Dichloropropen	0.00	75	0	N.D.		
32) C165	Benzene	5.44	78	7507	N.D.		
33) C065	1,2-Dichloroethane	0.00	62	0	N.D.		
34) C110	2-Butanone	4.68	43	851	N.D.		
35) C256	Cyclohexane	5.14	56	3781	N.D.		
36) C150	Trichloroethene	6.05	95	3695	2.92	ng	96

1/6/06

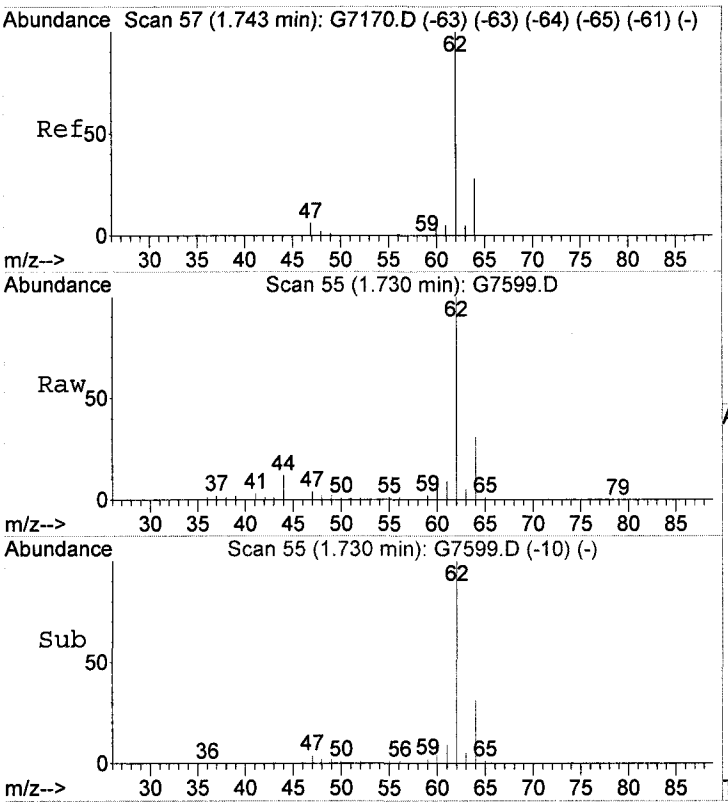
Data File: C:\MSDCHEM\1\DATA\122705\G7599.D
Acq On : 27 Dec 2005 14:46
Sample : A5E59203
Misc :
Integrator: RTE
Quant Time: Dec 27 18:07:16 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 27 08:55:23 2005
Response via : Initial Calibration
Data Path : C:\MSDCHEM\1\DATA\122705\
Operator : TLC

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
37) C140	1,2-Dichloropropan	0.00	63	0	N.D.		
38) C278	Dibromomethane	0.00	93	0	N.D.		
39) C130	Bromodichlorometha	6.55	83	70	N.D.		
40) C161	2-Chloroethylvinyl	0.00	63	0	N.D.		
41) C012	Methylcyclohexane	6.21	83	5672	2.41	ng	# 35
42) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.		
45) C230	Toluene	7.28	92	1830	N.D.		
46) C170	trans-1,3-Dichloro	0.00	75	0	N.D.		
47) C284	Ethyl Methacrylate	7.64	69	299	N.D.		
48) C160	1,1,2-Trichloroeth	7.53	83	241	N.D.		
49) C210	4-Methyl-2-pentano	7.13	43	673	N.D.		
50) C220	Tetrachloroethene	0.00	166	0	N.D.		
51) C221	1,3-Dichloropropan	0.00	76	0	N.D.		
52) C155	Dibromochlorometha	0.00	129	0	N.D.		
53) C163	1,2-Dibromoethane	0.00	107	0	N.D.		
54) C215	2-Hexanone	7.77	43	1839	N.D.		
55) C235	Chlorobenzene	0.00	112	0	N.D.		
56) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.		
57) C240	Ethylbenzene	8.83	91	15520	2.52	ng	95
58) C246	m,p-Xylene	8.95	106	795	N.D.		
59) C247	o-Xylene	9.38	106	124	N.D.		
60) C245	Styrene	0.00	104	0	N.D.		
61) C180	Bromoform	0.00	173	0	N.D.		
64) C966	Isopropylbenzene	9.76	105	19382	3.18	ng	99
65) C301	Bromobenzene	0.00	156	0	N.D.		
66) C225	1,1,2,2-Tetrachlor	10.07	83	513	N.D.		
67) C282	1,2,3-Trichloropro	0.00	110	0	N.D.		
68) C283	t-1,4-Dichloro-2-B	10.17	51	717	N.D.		
69) C302	n-Propylbenzene	10.17	91	11805	N.D.		
70) C303	2-Chlorotoluene	10.06	126	57	N.D.		
71) C289	4-Chlorotoluene	0.00	126	0	N.D.		
72) C304	1,3,5-Trimethylben	10.28	105	2234	N.D.		
73) C306	tert-Butylbenzene	10.66	134	552	N.D.		
74) C307	1,2,4-Trimethylben	10.71	105	1334	N.D.		
75) C308	sec-Butylbenzene	10.87	105	31289	4.88	ng	100
76) C260	1,3-Dichlorobenzen	0.00	146	0	N.D.		
77) C309	4-Isopropyltoluene	11.00	119	334	N.D.		
78) C267	1,4-Dichlorobenzen	0.00	146	0	N.D.		
79) C249	1,2-Dichlorobenzen	0.00	146	0	N.D.		
80) C310	n-Butylbenzene	11.38	91	5150	N.D.		
81) C286	1,2-Dibromo-3-Chlo	11.97	75	83	N.D.		
82) C313	1,2,4-Trichloroben	12.82	180	60	N.D.		
83) C316	Hexachlorobutadien	0.00	225	0	N.D.		
84) C314	Naphthalene	13.03	128	4265	N.D.		
85) C934	1,2,3-Trichloroben	0.00	180	0	N.D.		

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

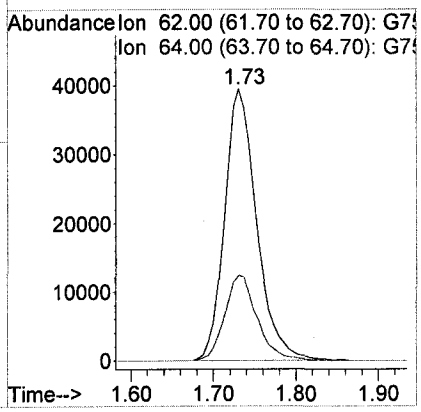
mm 1/6/06

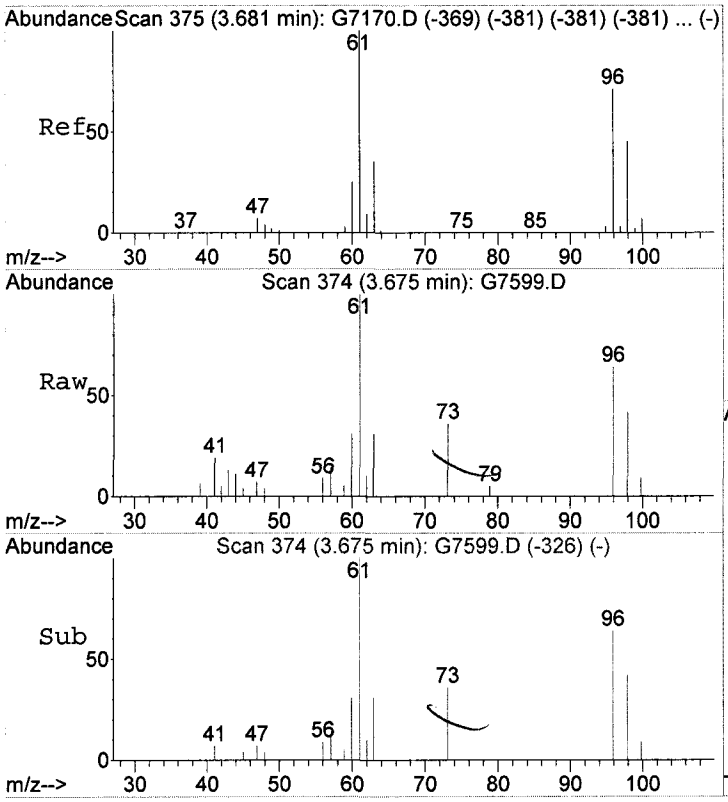


#4
C020 Vinyl chloride
Concen: 72.34 ng
RT: 1.73 min Scan# 55
Delta R.T. -0.02 min
Lab File: G7599.D
Acq: 27 Dec 2005 14:46

Tgt Ion: 62 Resp: 106465

Ion	Ratio	Lower	Upper
62	100		
64	31.5	0.0	59.9

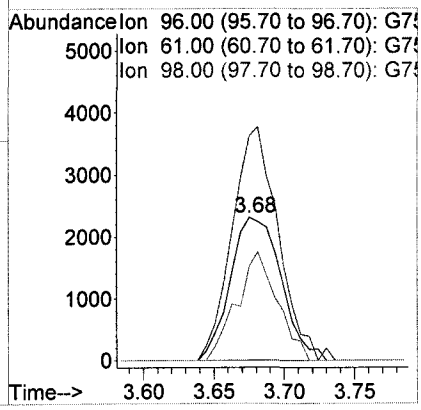


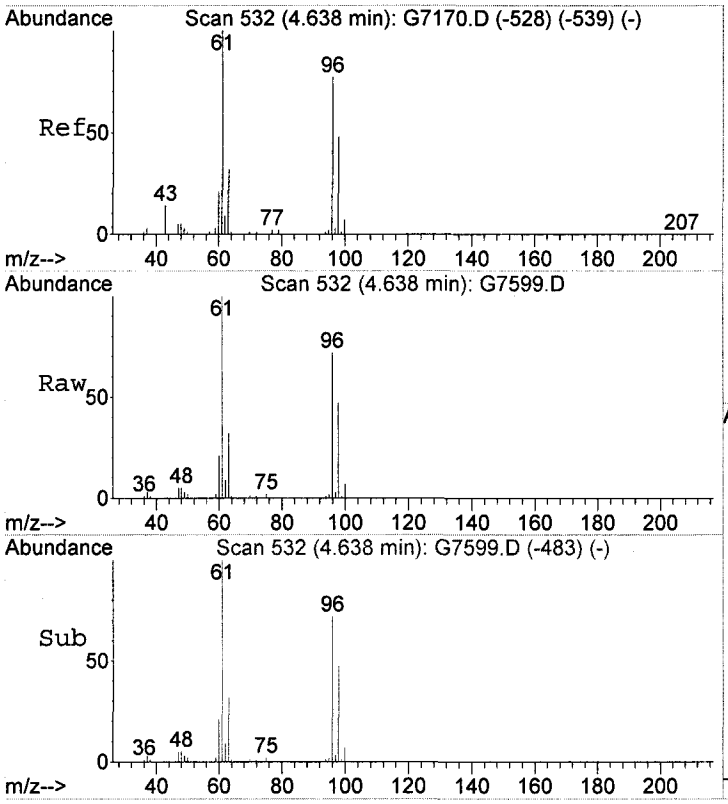


#18
C057 trans-1,2-Dichloroethene
Concen: 4.93 ng
RT: 3.68 min Scan# 374
Delta R.T. -0.01 min
Lab File: G7599.D
Acq: 27 Dec 2005 14:46

Tgt Ion: 96 Resp: 5809

Ion	Ratio	Lower	Upper
96	100		
61	156.9	215.5	275.5#
98	65.9	65.5	125.5

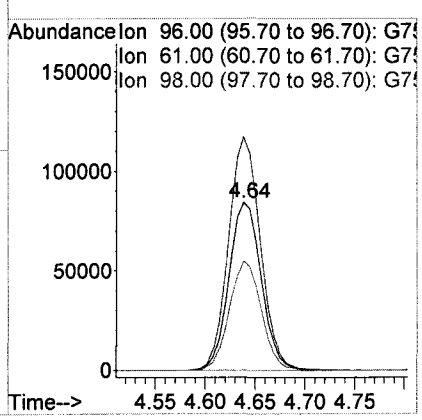


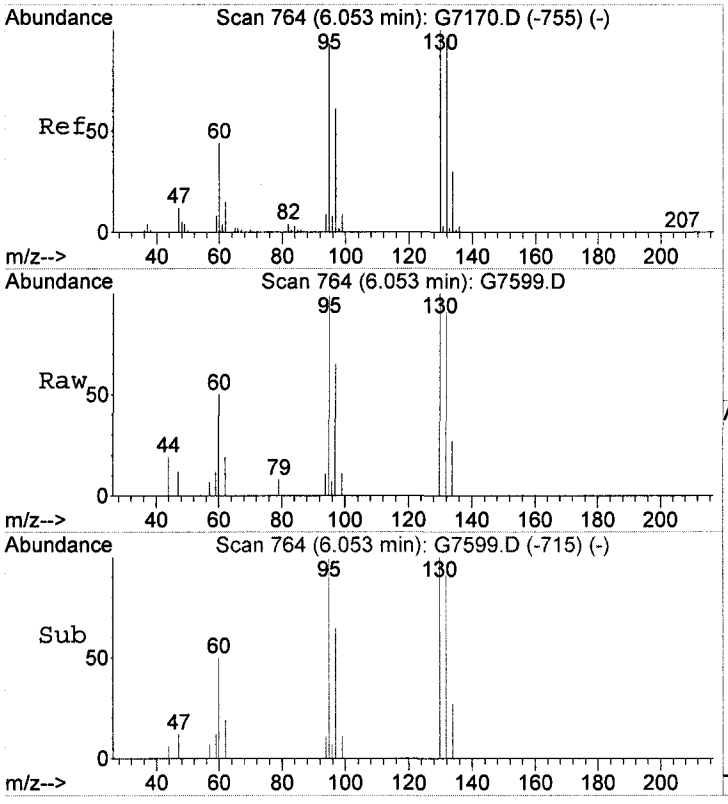


#23
C056 cis-1,2-Dichloroethene
Concen: 144.38 ng
RT: 4.64 min Scan# 532
Delta R.T. 0.00 min
Lab File: G7599.D
Acq: 27 Dec 2005 14:46

Tgt Ion: 96 Resp: 189313

Ion	Ratio	Lower	Upper
96	100		
61	139.1	107.7	167.7
98	65.1	36.9	96.9

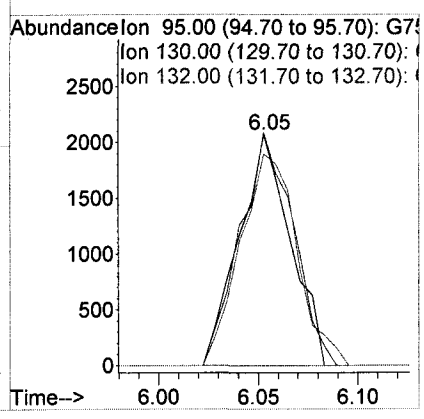


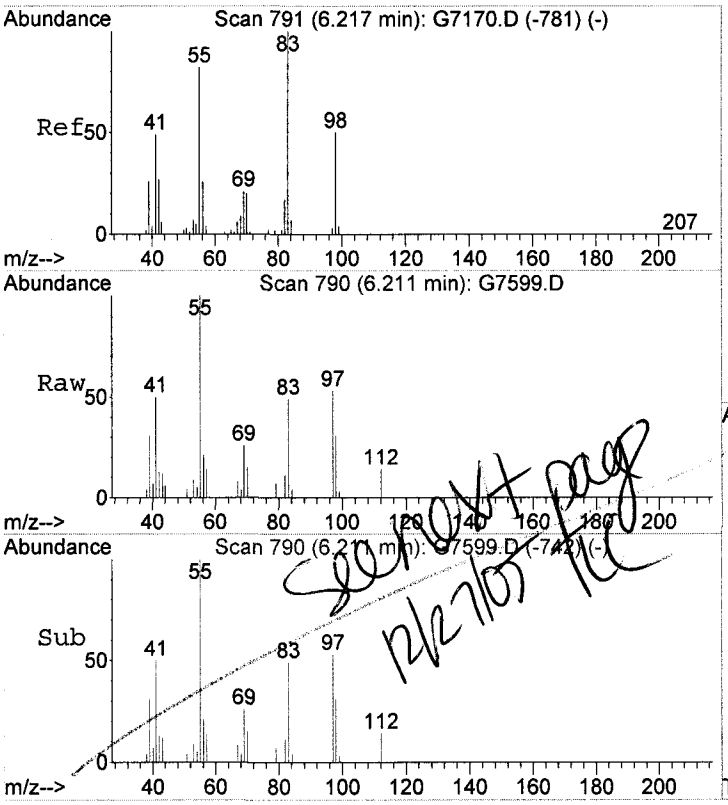


#36
C150 Trichloroethene
Concen: 2.92 ng
RT: 6.05 min Scan# 764
Delta R.T. 0.00 min
Lab File: G7599.D
Acq: 27 Dec 2005 14:46

Tgt Ion: 95 Resp: 3695

Ion	Ratio	Lower	Upper
95	100		
130	100.7	63.6	123.6
132	91.6	62.6	122.6

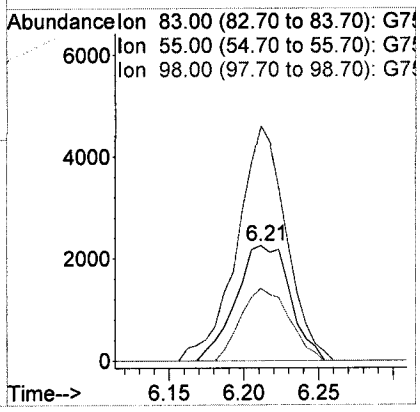


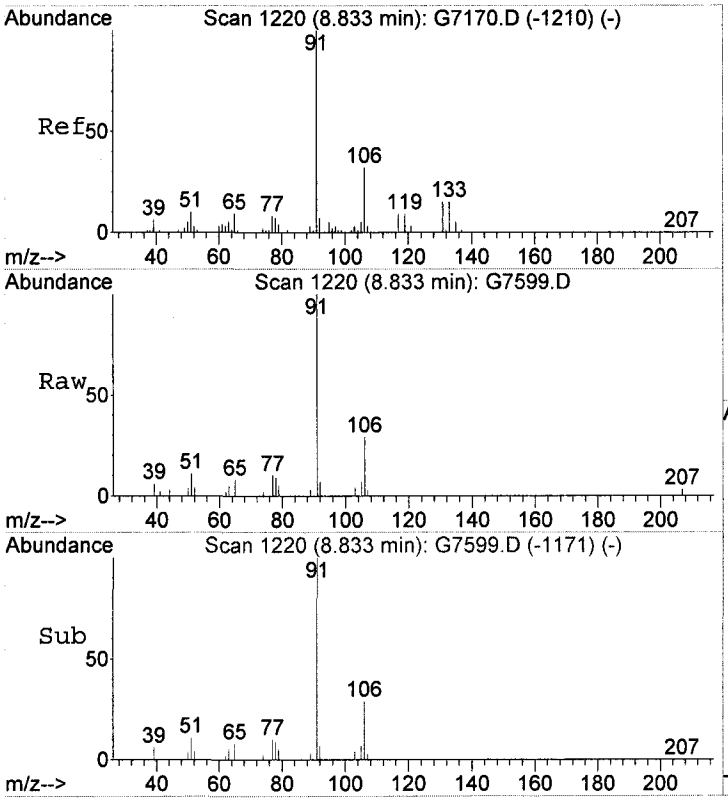


#41
C012 Methylcyclohexane
Concen: 2.41 ng
RT: 6.21 min Scan# 790
Delta R.T. -0.01 min
Lab File: G7599.D
Acq: 27 Dec 2005 14:46

Tgt Ion: 83 Resp: 5672

Ion	Ratio	Lower	Upper
83	100		
55	184.5	76.2	114.2#
98	56.0	38.2	57.4

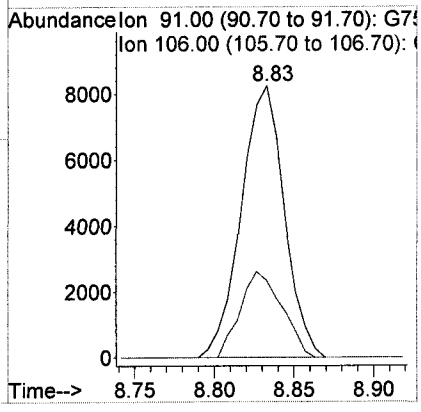




#57
C240 Ethylbenzene
Concen: 2.52 ng
RT: 8.83 min Scan# 1220
Delta R.T. 0.00 min
Lab File: G7599.D
Acq: 27 Dec 2005 14:46

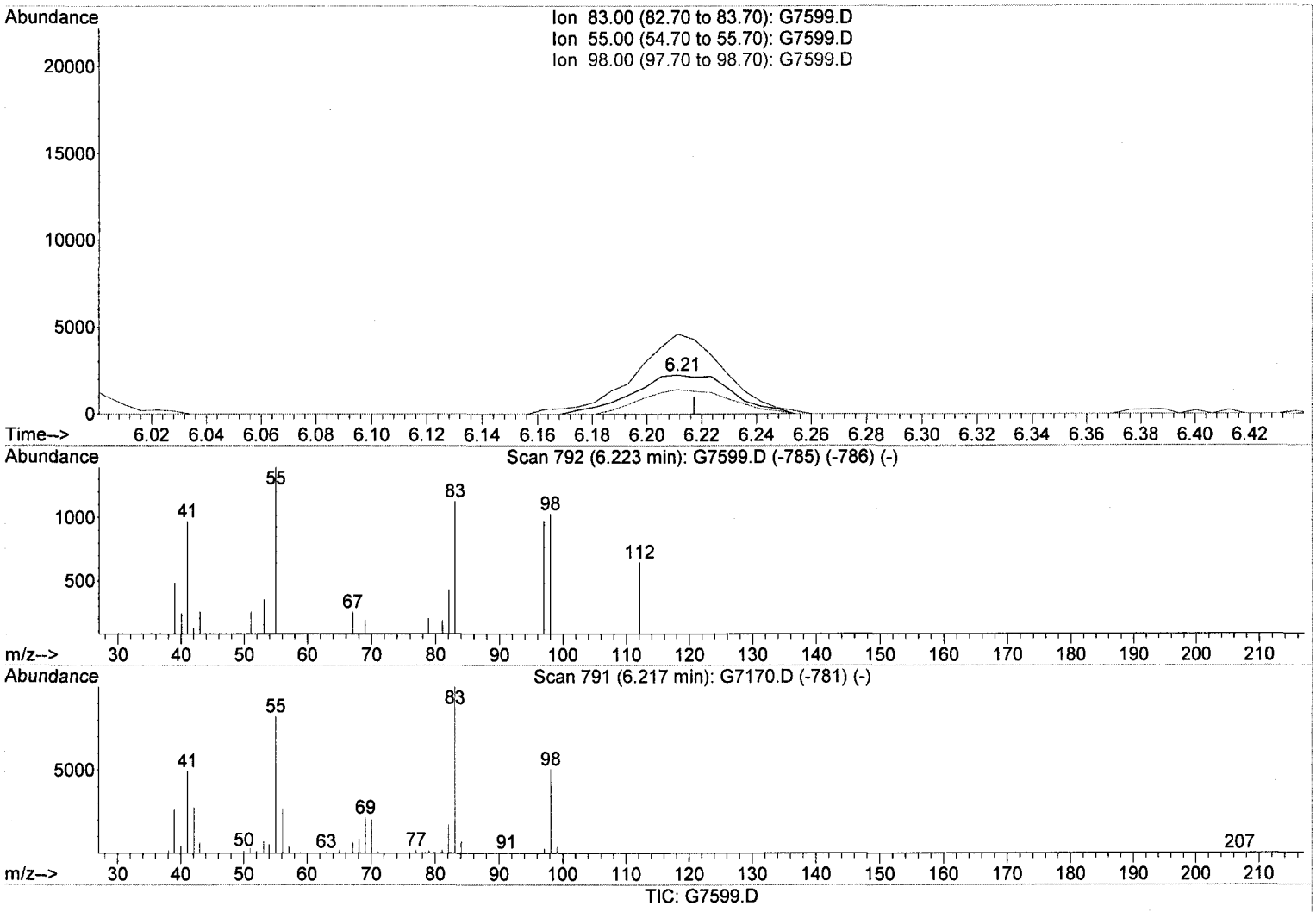
Tgt Ion: 91 Resp: 15520

Ion	Ratio	Lower	Upper
91	100		
106	28.5	1.3	61.3



Data File: C:\MSDCHEM\1\DATA\122705\G7599.D
Acq On : 27 Dec 2005 14:46
Sample : A5E59203
Misc :
Integrator: RTE
Quant Time: Dec 27 18:07:16 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 27 08:55:23 2005
Response via : Initial Calibration
Data Path : C:\MSDCHEM\1\DATA\122705\
Operator : TLC



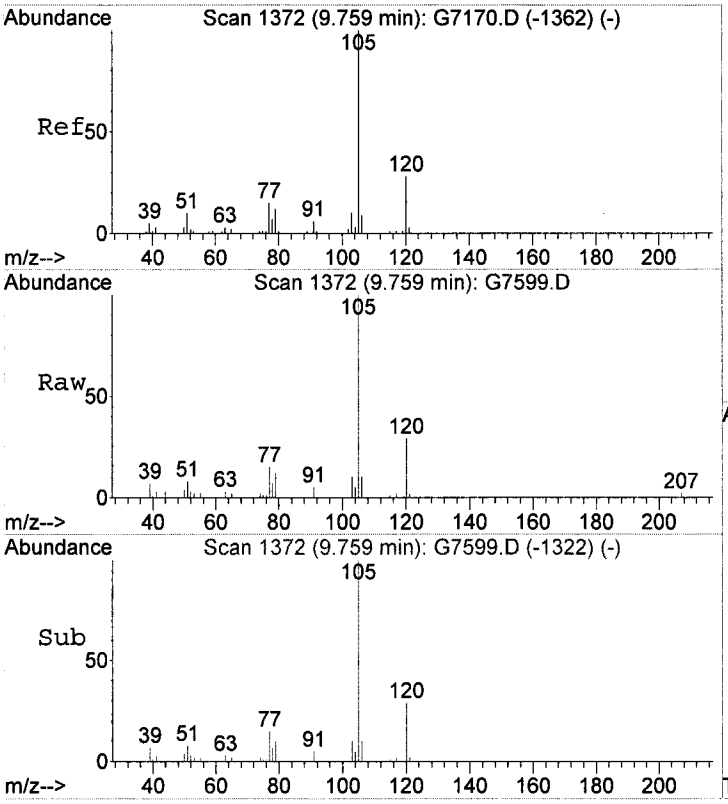
TIC: G7599.D

(41) C012 Methylcyclohexane (T)

6.21min (-0.006) 2.41ng

response 5672

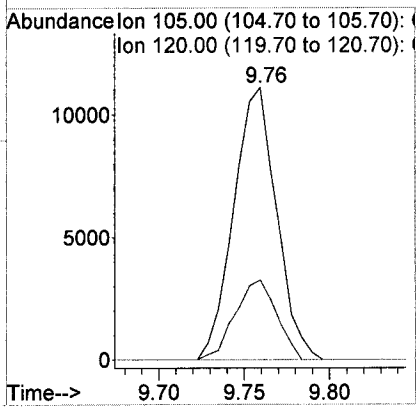
Ion	Exp%	Act%
83.00	100	100
55.00	95.20	184.47#
98.00	47.80	55.98
0.00	0.00	0.00

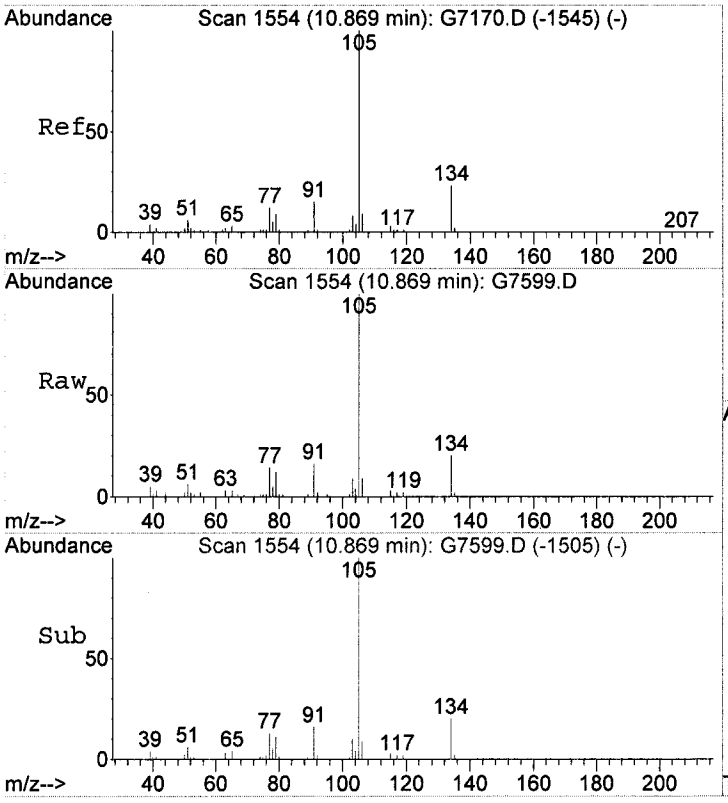


#64
C966 Isopropylbenzene
Concen: 3.18 ng
RT: 9.76 min Scan# 1372
Delta R.T. 0.01 min
Lab File: G7599.D
Acq: 27 Dec 2005 14:46

Tgt Ion:105 Resp: 19382

Ion	Ratio	Lower	Upper
105	100		
120	29.3	0.0	59.0

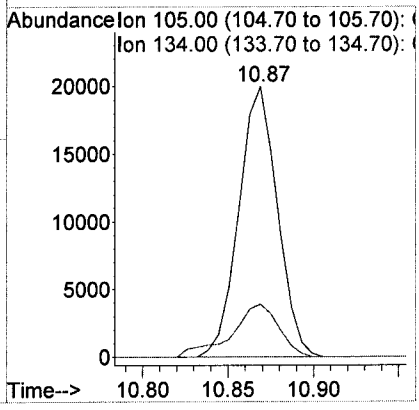




#75
C308 sec-Butylbenzene
Concen: 4.88 ng
RT: 10.87 min Scan# 1554
Delta R.T. 0.00 min
Lab File: G7599.D
Acq: 27 Dec 2005 14:46

Tgt Ion:105 Resp: 31289

Ion	Ratio	Lower	Upper
105	100		
134	19.5	0.0	49.7



METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.

MW-26

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 1205GW

Matrix: (soil/water) WATER Lab Sample ID: A5E59212

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G7608.RR

Level: (low/med) LOW Date Samp/Recv: 12/22/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/27/2005

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	5.0	U
71-43-2	Benzene	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon Disulfide	1.0	U
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	1.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	1.0	U
110-82-7	Cyclohexane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-59-2	cis-1,2-Dichloroethene	43	
156-60-5	trans-1,2-Dichloroethene	3.2	
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
98-82-8	Isopropylbenzene	1.0	U
79-20-9	Methyl acetate	1.0	U
108-87-2	Methylcyclohexane	1.0	U
75-09-2	Methylene chloride	1.0	U

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.

MW-26

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 1205GW

Matrix: (soil/water) WATER Lab Sample ID: A5E59212

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G7608.RR

Level: (low/med) LOW Date Samp/Recv: 12/22/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/27/2005

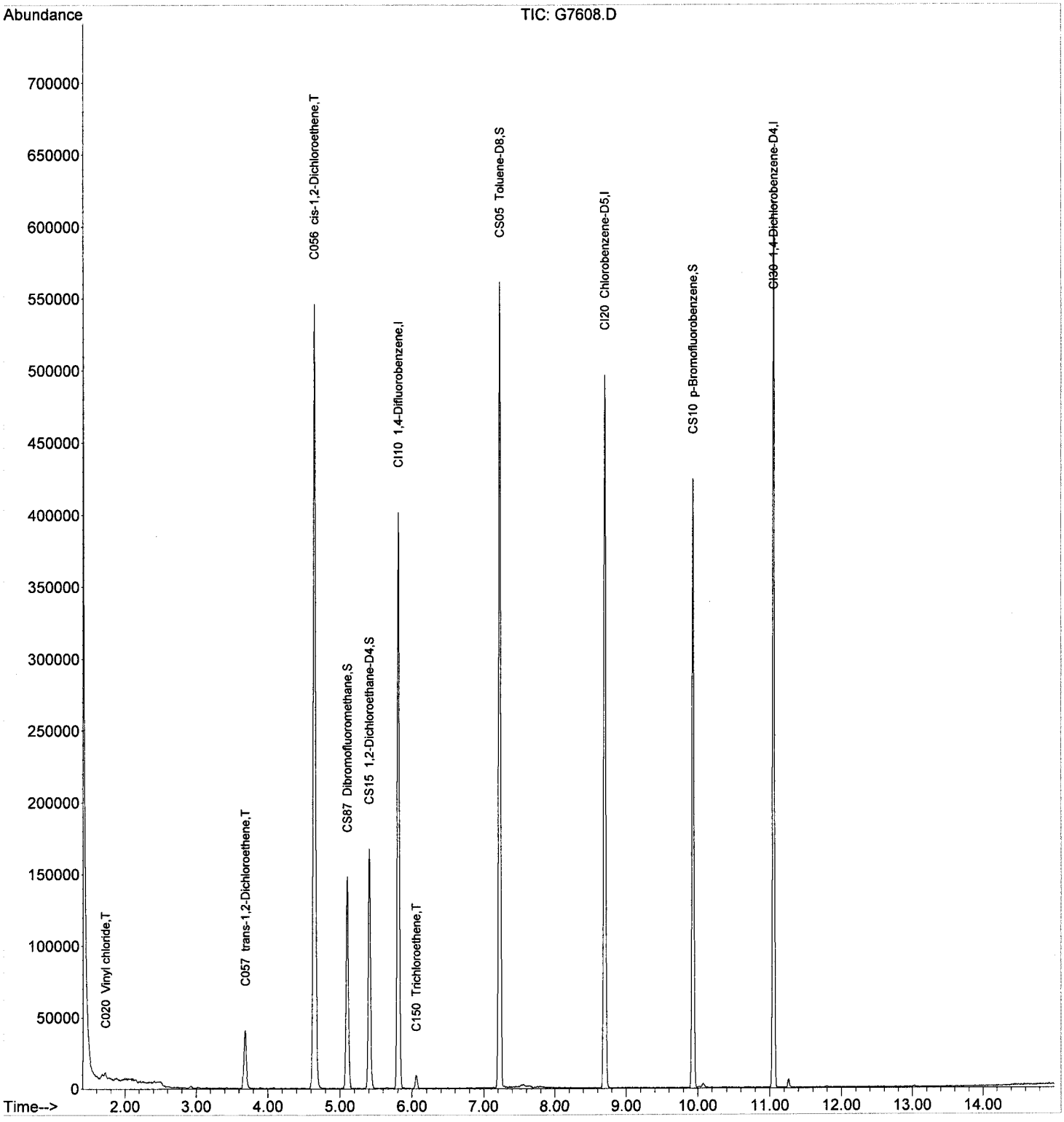
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	5.0	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	1.0	U
91-20-3	Naphthalene	1.0	U
100-42-5	Styrene	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
79-01-6	Trichloroethene	0.54	J
75-01-4	Vinyl chloride	1.0	
1330-20-7	Total Xylenes	3.0	U

Data File: C:\MSDCHEM\1\DATA\122705\G7608.D
Acq On : 27 Dec 2005 18:09
Sample : A5E59212
Misc :
Integrator: RTE
Quant Time: Dec 27 18:25:59 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 27 08:55:23 2005
Response via : Initial Calibration
Data Path : C:\MSDCHEM\1\DATA\122705\
Operator : TLC



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Acq On : 27 Dec 2005 18:09
Sample : A5E59212
Misc :
Integrator: RTE
Quant Time: Dec 27 18:25:59 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 27 08:55:23 2005
Response via : Initial Calibration
Data Path : C:\MSDCHEM\1\DATA\122705\
Operator : TLC

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.80	114	347889	125.00	ng	0.00 92.95%
43) CI20	Chlorobenzene-D5	8.70	82	174145	125.00	ng	0.00 90.70%
63) CI30	1,4-Dichlorobenzene-	11.05	152	167871	125.00	ng	0.00 91.60%

System Monitoring Compounds							
26) CS87	Dibromofluoromethane	5.10	111	99652	114.43	NG	0.00
Spiked Amount	125.000	Range	70 - 130	Recovery	=	91.54%	
31) CS15	1,2-Dichloroethane-D	5.40	65	129896	115.98	ng	0.00
Spiked Amount	125.000	Range	73 - 136	Recovery	=	92.78%	
44) CS05	Toluene-D8	7.22	98	413976	117.89	ng	0.00
Spiked Amount	125.000	Range	77 - 122	Recovery	=	94.31%	
62) CS10	p-Bromofluorobenzene	9.94	174	125029	115.88	ng	0.00
Spiked Amount	125.000	Range	74 - 120	Recovery	=	92.70%	

Target Compounds							Qvalue
2) C290	Dichlorodifluorome	0.00	85	0	N.D.		
3) C010	Chloromethane	1.60	50	220	N.D.		
4) C020	Vinyl chloride	1.72	62	7167	5.00	ng	91
5) C015	Bromomethane	0.00	94	0	N.D.		
6) C025	Chloroethane	0.00	64	0	N.D.		
7) C275	Trichlorofluoromet	0.00	101	0	N.D.		
8) C045	1,1-Dichloroethene	2.93	96	732	N.D.		
9) C030	Methylene chloride	3.43	84	138	N.D.		
10) C040	Carbon disulfide	3.14	76	528	N.D.		
11) C036	Acrolein	2.93	56	63	N.D.		
12) C038	Acrylonitrile	0.00	53	0	N.D.		
13) C035	Acetone	3.03	43	1280	N.D.		
14) C300	Acetonitrile	3.33	41	308	N.D.		
15) C276	Iodomethane	0.00	142	0	N.D.		
16) C291	1,1,2-Trichloro-1,	0.00	101	0	N.D.		
17) C962	T-butyl Methyl Eth	3.69	73	6075	N.D.		
18) C057	trans-1,2-Dichloroet	3.68	96	18154	15.82	ng #	47
19) C255	Methyl Acetate	3.32	43	59	N.D.		
20) C050	1,1-Dichloroethane	4.08	63	775	N.D.		
21) C125	Vinyl Acetate	0.00	43	0	N.D.		
22) C051	2,2-Dichloropropan	4.68	77	63	N.D.		
23) C056	cis-1,2-Dichloroethe	4.64	96	272143	213.22	ng	99
24) C272	Tetrahydrofuran	0.00	42	0	N.D.		
25) C222	Bromochloromethane	0.00	128	0	N.D.		
27) C060	Chloroform	0.00	83	0	N.D.		
28) C115	1,1,1-Trichloroeth	0.00	97	0	N.D.		
29) C120	Carbon tetrachlori	0.00	117	0	N.D.		
30) C116	1,1-Dichloropropen	0.00	75	0	N.D.		
32) C165	Benzene	5.44	78	1219	N.D.		
33) C065	1,2-Dichloroethane	0.00	62	0	N.D.		
34) C110	2-Butanone	4.68	43	281	N.D.		
35) C256	Cyclohexane	0.00	56	0	N.D.		
36) C150	Trichloroethene	6.05	95	3353	2.72	ng	84

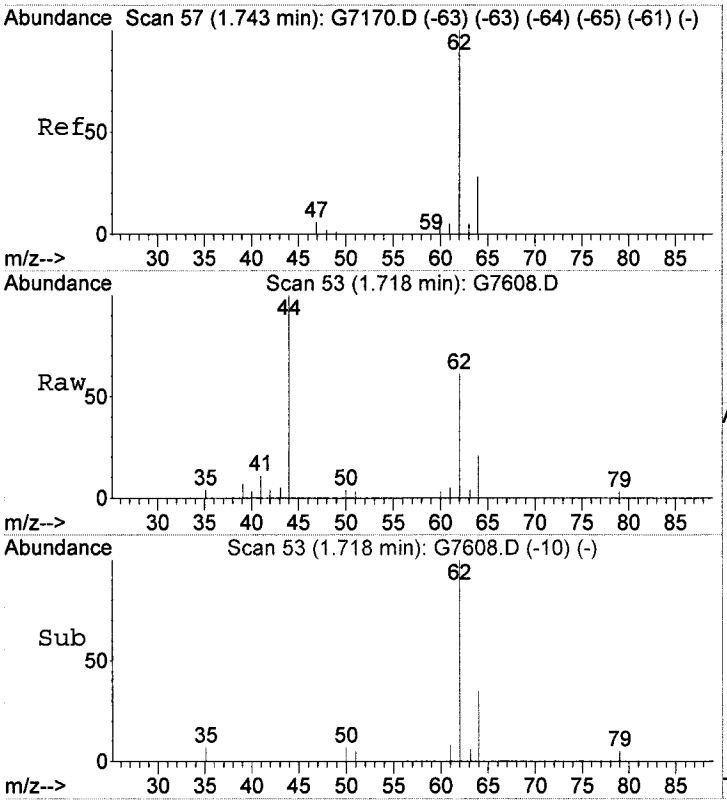
Data File: C:\MSDCHEM\1\DATA\122705\G7608.D
Acq On : 27 Dec 2005 18:09
Sample : A5E59212
Misc :
Integrator: RTE
Quant Time: Dec 27 18:25:59 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 27 08:55:23 2005
Response via : Initial Calibration
Data Path : C:\MSDCHEM\1\DATA\122705\
Operator : TLC

Internal Standards		R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
37) C140	1,2-Dichloropropan	0.00	63	0	N.D.	
38) C278	Dibromomethane	0.00	93	0	N.D.	
39) C130	Bromodichlorometha	0.00	83	0	N.D.	
40) C161	2-Chloroethylvinyl	0.00	63	0	N.D.	
41) C012	Methylcyclohexane	0.00	83	0	N.D.	
42) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.	
45) C230	Toluene	7.28	92	74	N.D.	
46) C170	trans-1,3-Dichloro	0.00	75	0	N.D.	
47) C284	Ethyl Methacrylate	0.00	69	0	N.D.	
48) C160	1,1,2-Trichloroeth	0.00	83	0	N.D.	
49) C210	4-Methyl-2-pentano	7.22	43	1981	N.D.	
50) C220	Tetrachloroethene	0.00	166	0	N.D.	
51) C221	1,3-Dichloropropan	0.00	76	0	N.D.	
52) C155	Dibromochlorometha	0.00	129	0	N.D.	
53) C163	1,2-Dibromoethane	0.00	107	0	N.D.	
54) C215	2-Hexanone	8.06	43	56	N.D.	
55) C235	Chlorobenzene	0.00	112	0	N.D.	
56) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.	
57) C240	Ethylbenzene	8.95	91	180	N.D.	
58) C246	m,p-Xylene	0.00	106	0	N.D.	
59) C247	o-Xylene	0.00	106	0	N.D.	
60) C245	Styrene	0.00	104	0	N.D.	
61) C180	Bromoform	0.00	173	0	N.D.	
64) C966	Isopropylbenzene	0.00	105	0	N.D.	
65) C301	Bromobenzene	0.00	156	0	N.D.	
66) C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.	
67) C282	1,2,3-Trichloropro	0.00	110	0	N.D.	
68) C283	t-1,4-Dichloro-2-B	0.00	51	0	N.D.	
69) C302	n-Propylbenzene	9.93	91	516	N.D.	
70) C303	2-Chlorotoluene	0.00	126	0	N.D.	
71) C289	4-Chlorotoluene	0.00	126	0	N.D.	
72) C304	1,3,5-Trimethylben	0.00	105	0	N.D.	
73) C306	tert-Butylbenzene	0.00	134	0	N.D.	
74) C307	1,2,4-Trimethylben	10.70	105	58	N.D.	
75) C308	sec-Butylbenzene	10.70	105	58	N.D.	
76) C260	1,3-Dichlorobenzen	0.00	146	0	N.D.	
77) C309	4-Isopropyltoluene	11.00	119	203	N.D.	
78) C267	1,4-Dichlorobenzen	0.00	146	0	N.D.	
79) C249	1,2-Dichlorobenzen	0.00	146	0	N.D.	
80) C310	n-Butylbenzene	0.00	91	0	N.D.	
81) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.	
82) C313	1,2,4-Trichloroben	0.00	180	0	N.D.	
83) C316	Hexachlorobutadien	0.00	225	0	N.D.	
84) C314	Naphthalene	13.03	128	954	N.D.	
85) C934	1,2,3-Trichloroben	0.00	180	0	N.D.	

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

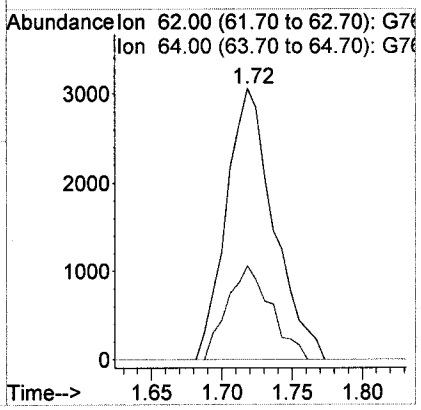
1/6/2006

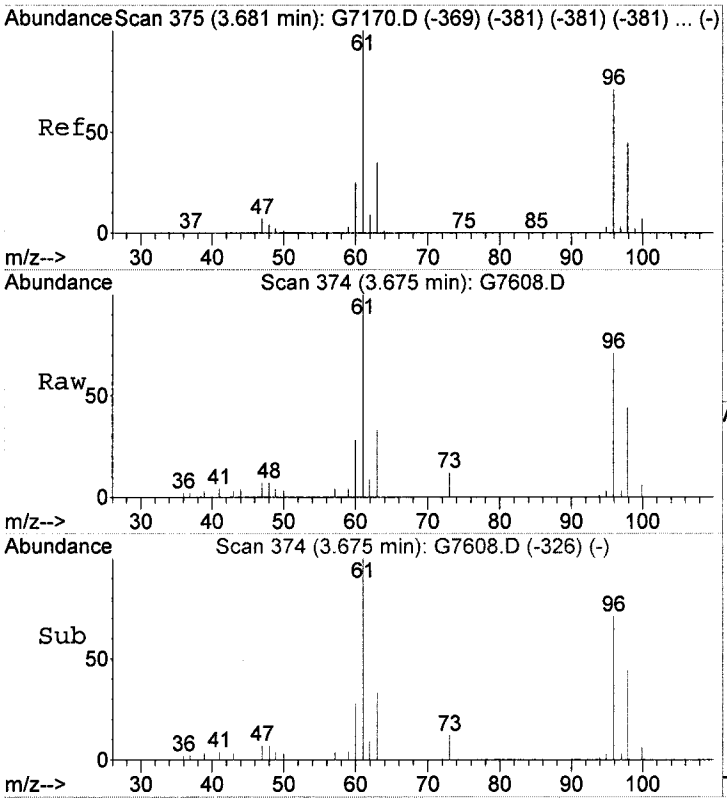


#4
C020 Vinyl chloride
Concen: 5.00 ng
RT: 1.72 min Scan# 53
Delta R.T. -0.04 min
Lab File: G7608.D
Acq: 27 Dec 2005 18:09

Tgt Ion: 62 Resp: 7167

Ion	Ratio	Lower	Upper
62	100		
64	34.6	0.0	59.9

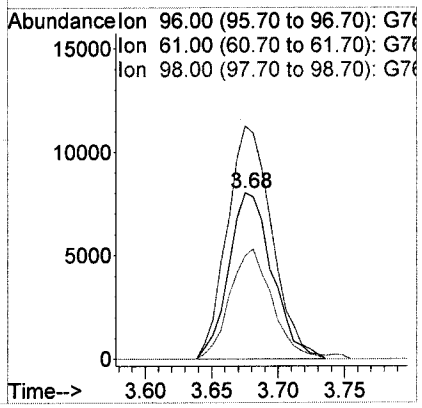


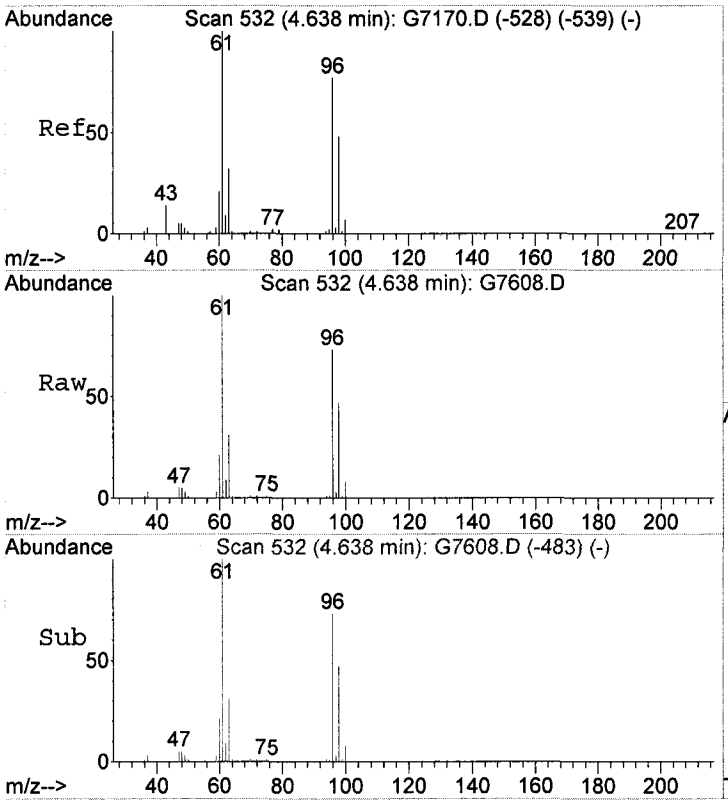


#18
C057 trans-1,2-Dichloroethene
Concen: 15.82 ng
RT: 3.68 min Scan# 374
Delta R.T. -0.01 min
Lab File: G7608.D
Acq: 27 Dec 2005 18:09

Tgt Ion: 96 Resp: 18154

Ion	Ratio	Lower	Upper
96	100		
61	140.5	215.5	275.5#
98	62.3	65.5	125.5#

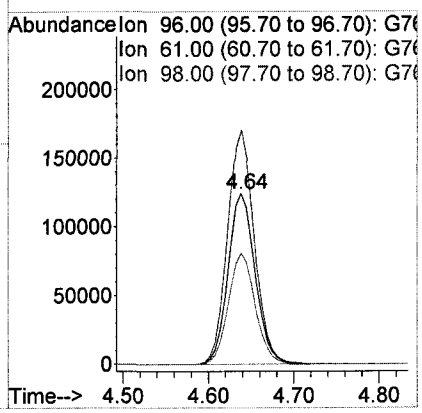


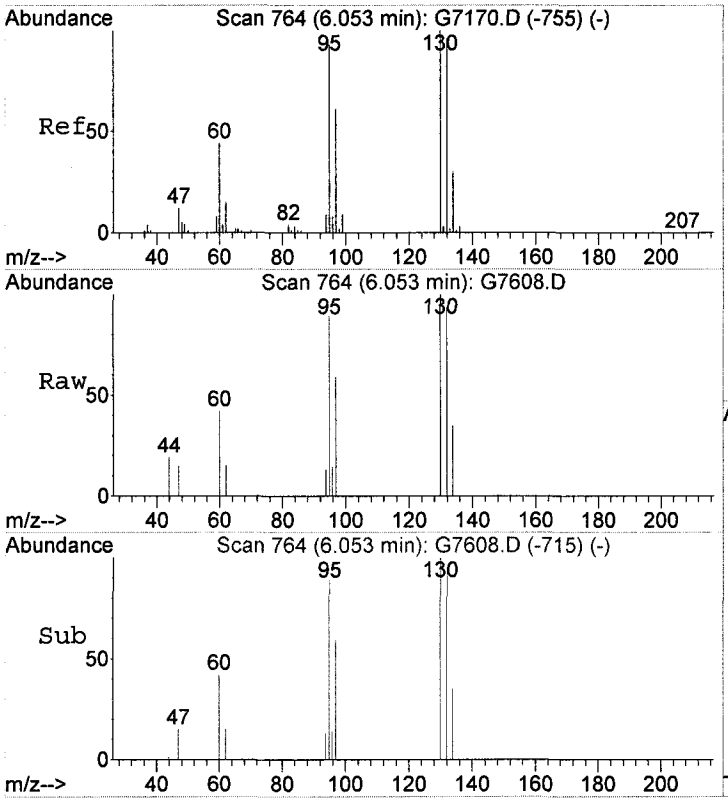


#23
C056 cis-1,2-Dichloroethene
Concen: 213.22 ng
RT: 4.64 min Scan# 532
Delta R.T. 0.00 min
Lab File: G7608.D
Acq: 27 Dec 2005 18:09

Tgt Ion: 96 Resp: 272143

Ion	Ratio	Lower	Upper
96	100		
61	137.1	107.7	167.7
98	65.1	36.9	96.9

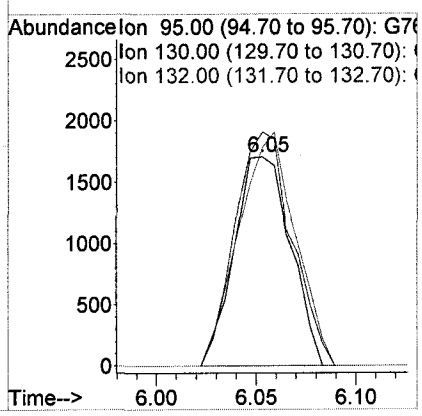




#36
C150 Trichloroethene
Concen: 2.72 ng
RT: 6.05 min Scan# 764
Delta R.T. 0.00 min
Lab File: G7608.D
Acq: 27 Dec 2005 18:09

Tgt Ion: 95 Resp: 3353

Ion	Ratio	Lower	Upper
95	100		
130	111.8	63.6	123.6
132	104.4	62.6	122.6



METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.

MW-27

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 1205GW

Matrix: (soil/water) WATER Lab Sample ID: A5E59210

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G7606.RR

Level: (low/med) LOW Date Samp/Recv: 12/22/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/27/2005

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	5.0	U
71-43-2	Benzene	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon Disulfide	1.0	U
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	1.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	1.0	U
110-82-7	Cyclohexane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-59-2	cis-1,2-Dichloroethene	1.4	
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
98-82-8	Isopropylbenzene	1.0	U
79-20-9	Methyl acetate	1.0	U
108-87-2	Methylcyclohexane	1.0	U
75-09-2	Methylene chloride	1.0	U

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.

MW-27

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 1205GW

Matrix: (soil/water) WATER Lab Sample ID: A5E59210

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G7606.RR

Level: (low/med) LOW Date Samp/Recv: 12/22/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/27/2005

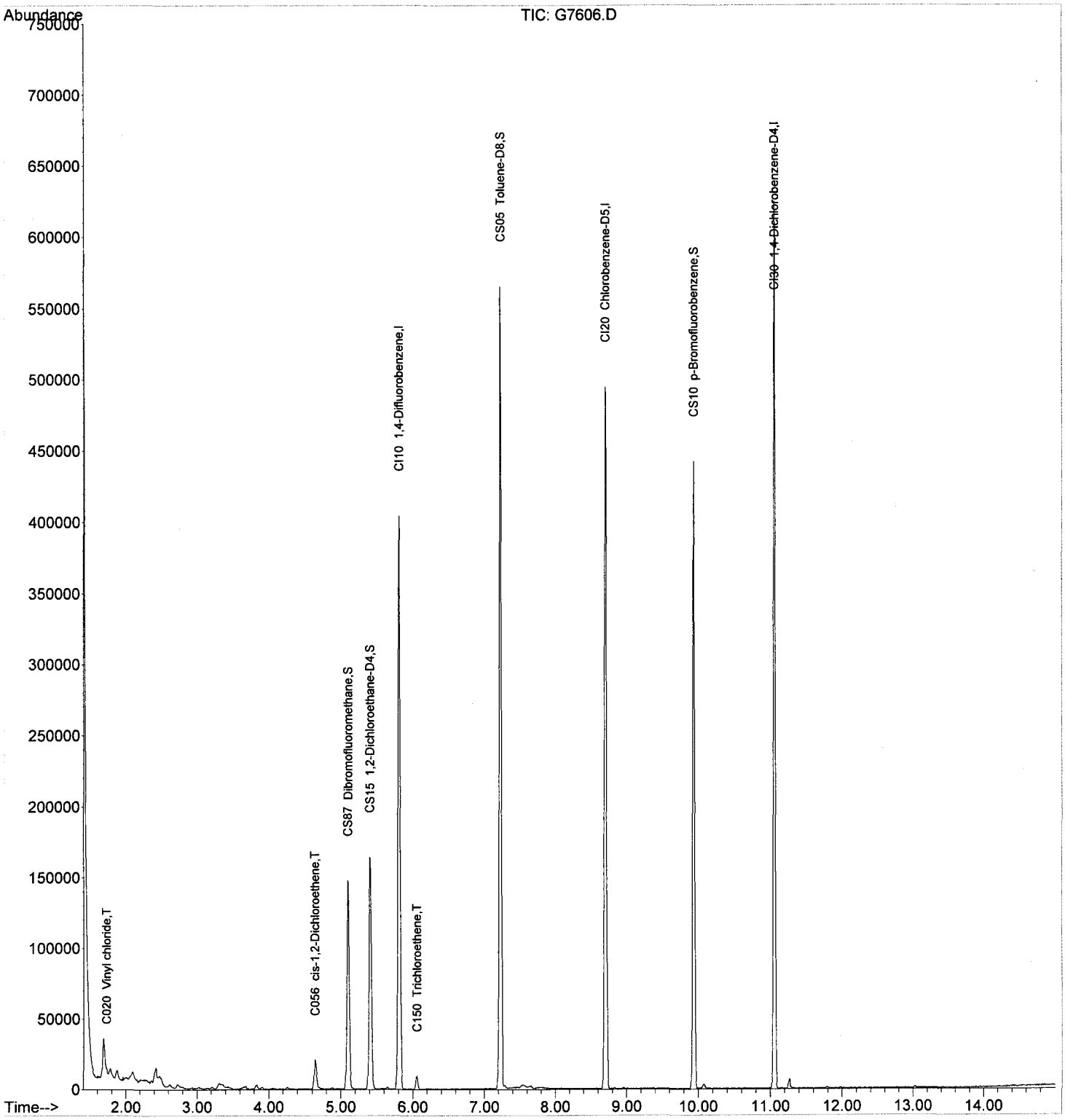
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	5.0	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	1.0	U
91-20-3	Naphthalene	1.0	U
100-42-5	Styrene	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
79-01-6	Trichloroethene	0.59	J
75-01-4	Vinyl chloride	1.0	
1330-20-7	Total Xylenes	3.0	U

Data File: C:\MSDCHEM\1\DATA\122705\G7606.D
Acq On : 27 Dec 2005 17:24
Sample : A5E59210
Misc :
Integrator: RTE
Quant Time: Dec 27 18:08:03 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 27 08:55:23 2005
Response via : Initial Calibration
Data Path : C:\MSDCHEM\1\DATA\122705\
Operator : TLC



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Acq On : 27 Dec 2005 17:24
Sample : A5E59210
Misc :
Integrator: RTE
Quant Time: Dec 27 18:08:03 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 27 08:55:23 2005
Response via : Initial Calibration
Data Path : C:\MSDCHEM\1\DATA\122705\
Operator : TLC

S&E 12/27/05 TLC

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.80	114	351221	125.00	ng	0.00 93.84%
43) CI20	Chlorobenzene-D5	8.70	82	177773	125.00	ng	0.00 92.59%
63) CI30	1,4-Dichlorobenzene-	11.05	152	169222	125.00	ng	0.00 92.34%
System Monitoring Compounds							
26) CS87	Dibromofluoromethane	5.10	111	98827	112.41	NG	0.00
Spiked Amount	125.000	Range	70 - 130	Recovery	=	89.93%	
31) CS15	1,2-Dichloroethane-D	5.40	65	130901	115.77	ng	0.00
Spiked Amount	125.000	Range	73 - 136	Recovery	=	92.62%	
44) CS05	Toluene-D8	7.22	98	416361	116.15	ng	0.00
Spiked Amount	125.000	Range	77 - 122	Recovery	=	92.92%	
62) CS10	p-Bromofluorobenzene	9.93	174	125908	114.31	ng	0.00
Spiked Amount	125.000	Range	74 - 120	Recovery	=	91.45%	
Target Compounds							Qvalue
2) C290	Dichlorodifluorome	0.00	85	0	N.D.		
3) C010	Chloromethane	1.58	50	493	N.D.		
4) C020	Vinyl chloride	1.72	62	7308	5.05	ng	100
5) C015	Bromomethane	2.07	94	57	N.D.		
6) C025	Chloroethane	0.00	64	0	N.D.		
7) C275	Trichlorofluoromet	0.00	101	0	N.D.		
8) C045	1,1-Dichloroethene	2.93	96	361	N.D.		
9) C030	Methylene chloride	3.44	84	324	N.D.		
10) C040	Carbon disulfide	3.14	76	1120	N.D.		
11) C036	Acrolein	2.82	56	67	N.D.		
12) C038	Acrylonitrile	0.00	53	0	N.D.		
13) C035	Acetone	3.03	43	2448	N.D.		
14) C300	Acetonitrile	3.30	41	3823	N.D.		
15) C276	Iodomethane	0.00	142	0	N.D.		
16) C291	1,1,2-Trichloro-1,	0.00	101	0	N.D.		
17) C962	T-butyl Methyl Eth	3.69	73	157	N.D.		
18) C057	trans-1,2-Dichloro	3.68	96	472	N.D.		
19) C255	Methyl Acetate	3.31	43	1326	N.D.		
20) C050	1,1-Dichloroethane	0.00	63	0	N.D.		
21) C125	Vinyl Acetate	4.07	43	59	N.D.		
22) C051	2,2-Dichloropropan	0.00	77	0	N.D.		
23) C056	cis-1,2-Dichloroethe	4.64	96	9183	7.13	ng	97
24) C272	Tetrahydrofuran	0.00	42	0	N.D.		
25) C222	Bromochloromethane	0.00	128	0	N.D.		
27) C060	Chloroform	0.00	83	0	N.D.		
28) C115	1,1,1-Trichloroeth	0.00	97	0	N.D.		
29) C120	Carbon tetrachlori	0.00	117	0	N.D.		
30) C116	1,1-Dichloropropen	0.00	75	0	N.D.		
32) C165	Benzene	5.44	78	3829	N.D.		
33) C065	1,2-Dichloroethane	0.00	62	0	N.D.		
34) C110	2-Butanone	4.68	43	867	N.D.		
35) C256	Cyclohexane	5.14	56	305	N.D.		
36) C150	Trichloroethene	6.05	95	3681	2.96	ng	84

MP 1/6/06

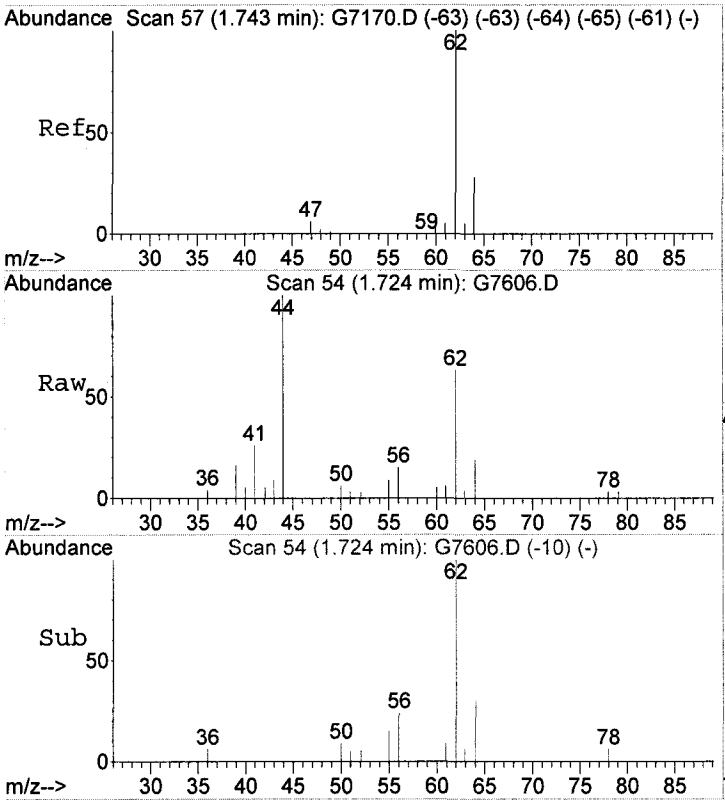
Data File: C:\MSDCHEM\1\DATA\122705\G7606.D
Acq On : 27 Dec 2005 17:24
Sample : A5E59210
Misc :
Integrator: RTE
Quant Time: Dec 27 18:08:03 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 27 08:55:23 2005
Response via : Initial Calibration
Data Path : C:\MSDCHEM\1\DATA\122705\
Operator : TLC

Internal Standards		R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
37) C140	1,2-Dichloropropan	0.00	63	0	N.D.	
38) C278	Dibromomethane	0.00	93	0	N.D.	
39) C130	Bromodichlorometha	0.00	83	0	N.D.	
40) C161	2-Chloroethylvinyl	0.00	63	0	N.D.	
41) C012	Methylcyclohexane	0.00	83	0	N.D.	
42) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.	
45) C230	Toluene	7.28	92	1042	N.D.	
46) C170	trans-1,3-Dichloro	0.00	75	0	N.D.	
47) C284	Ethyl Methacrylate	0.00	69	0	N.D.	
48) C160	1,1,2-Trichloroeth	0.00	83	0	N.D.	
49) C210	4-Methyl-2-pentano	7.22	43	1916	N.D.	
50) C220	Tetrachloroethene	0.00	166	0	N.D.	
51) C221	1,3-Dichloropropan	0.00	76	0	N.D.	
52) C155	Dibromochlorometha	0.00	129	0	N.D.	
53) C163	1,2-Dibromoethane	0.00	107	0	N.D.	
54) C215	2-Hexanone	7.79	43	56	N.D.	
55) C235	Chlorobenzene	0.00	112	0	N.D.	
56) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.	
57) C240	Ethylbenzene	8.95	91	634	N.D.	
58) C246	m,p-Xylene	8.95	106	184	N.D.	
59) C247	o-Xylene	9.38	106	60	N.D.	
60) C245	Styrene	0.00	104	0	N.D.	
61) C180	Bromoform	0.00	173	0	N.D.	
64) C966	Isopropylbenzene	9.93	105	64	N.D.	
65) C301	Bromobenzene	0.00	156	0	N.D.	
66) C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.	
67) C282	1,2,3-Trichloropro	0.00	110	0	N.D.	
68) C283	t-1,4-Dichloro-2-B	0.00	51	0	N.D.	
69) C302	n-Propylbenzene	10.17	91	63	N.D.	
70) C303	2-Chlorotoluene	0.00	126	0	N.D.	
71) C289	4-Chlorotoluene	0.00	126	0	N.D.	
72) C304	1,3,5-Trimethylben	10.26	105	252	N.D.	
73) C306	tert-Butylbenzene	0.00	134	0	N.D.	
74) C307	1,2,4-Trimethylben	10.72	105	259	N.D.	
75) C308	sec-Butylbenzene	10.72	105	259	N.D.	
76) C260	1,3-Dichlorobenzen	0.00	146	0	N.D.	
77) C309	4-Isopropyltoluene	11.00	119	291	N.D.	
78) C267	1,4-Dichlorobenzen	0.00	146	0	N.D.	
79) C249	1,2-Dichlorobenzen	0.00	146	0	N.D.	
80) C310	n-Butylbenzene	0.00	91	0	N.D.	
81) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.	
82) C313	1,2,4-Trichloroben	0.00	180	0	N.D.	
83) C316	Hexachlorobutadien	0.00	225	0	N.D.	
84) C314	Naphthalene	13.03	128	1173	N.D.	
85) C934	1,2,3-Trichloroben	0.00	180	0	N.D.	

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

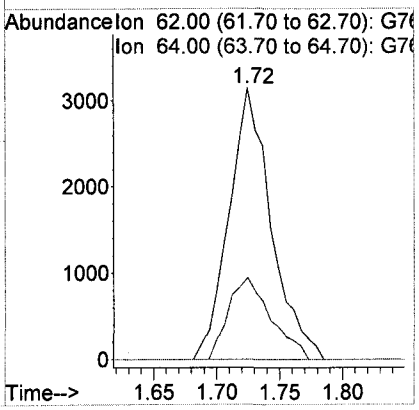
1/6/06

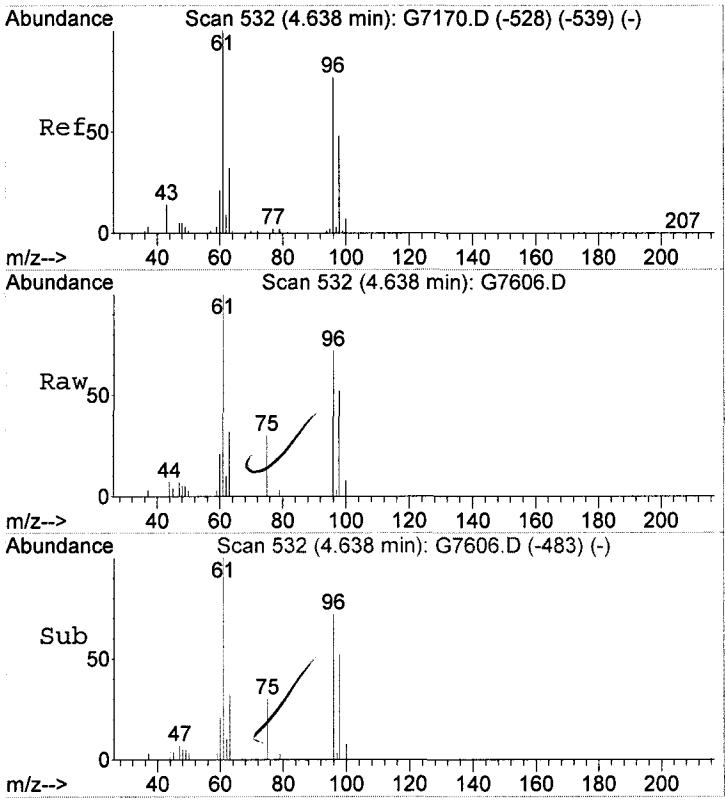


#4
C020 Vinyl chloride
Concen: 5.05 ng
RT: 1.72 min Scan# 54
Delta R.T. -0.03 min
Lab File: G7606.D
Acq: 27 Dec 2005 17:24

Tgt Ion: 62 Resp: 7308

Ion	Ratio	Lower	Upper
62	100		
64	30.0	0.0	59.9

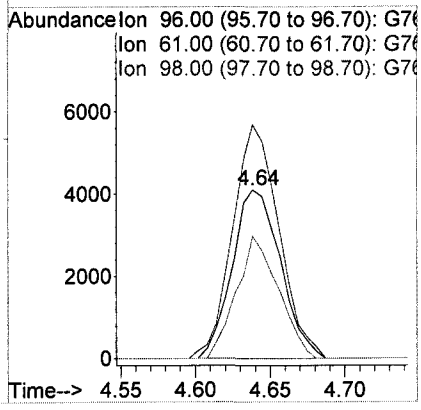


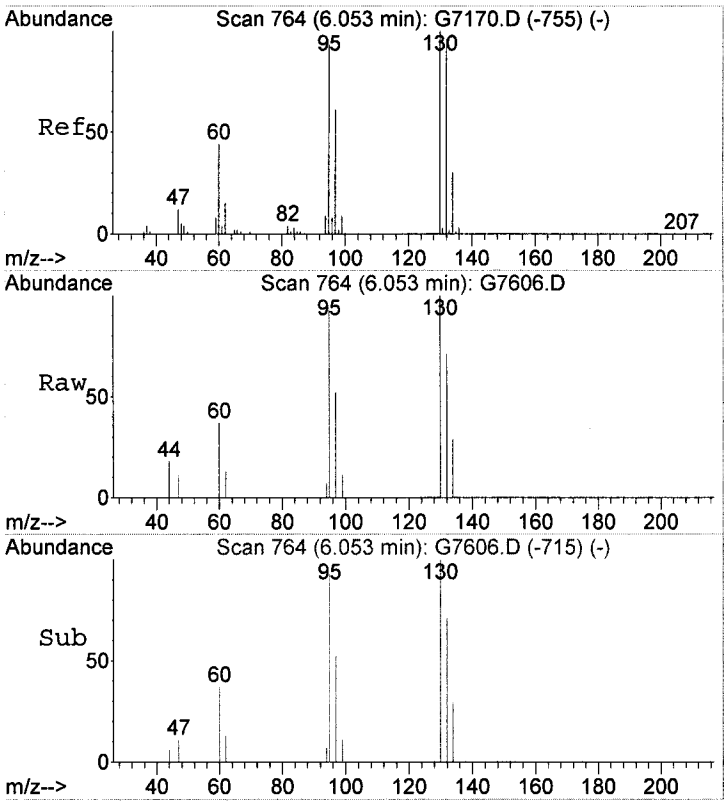


#23
C056 cis-1,2-Dichloroethene
Concen: 7.13 ng
RT: 4.64 min Scan# 532
Delta R.T. 0.00 min
Lab File: G7606.D
Acq: 27 Dec 2005 17:24

Tgt Ion: 96 Resp: 9183

Ion	Ratio	Lower	Upper
96	100		
61	138.4	107.7	167.7
98	72.4	36.9	96.9

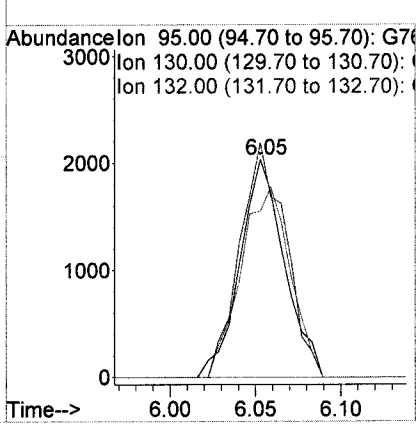




#36
C150 Trichloroethene
Concen: 2.96 ng
RT: 6.05 min Scan# 764
Delta R.T. 0.00 min
Lab File: G7606.D
Acq: 27 Dec 2005 17:24

Tgt Ion: 95 Resp: 3681

Ion	Ratio	Lower	Upper
95	100		
130	107.7	63.6	123.6
132	76.4	62.6	122.6



METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.

MW-29

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 1205GW

Matrix: (soil/water) WATER Lab Sample ID: A5E59214

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G7610.RR

Level: (low/med) LOW Date Samp/Recv: 12/22/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/27/2005

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	5.0	U
71-43-2	Benzene	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon Disulfide	1.0	U
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	1.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	1.0	U
110-82-7	Cyclohexane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-59-2	cis-1,2-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
98-82-8	Isopropylbenzene	1.0	U
79-20-9	Methyl acetate	1.0	U
108-87-2	Methylcyclohexane	1.0	U
75-09-2	Methylene chloride	1.0	U

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.

MW-29

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 1205GW

Matrix: (soil/water) WATER Lab Sample ID: A5E59214

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G7610.RR

Level: (low/med) LOW Date Samp/Recv: 12/22/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/27/2005

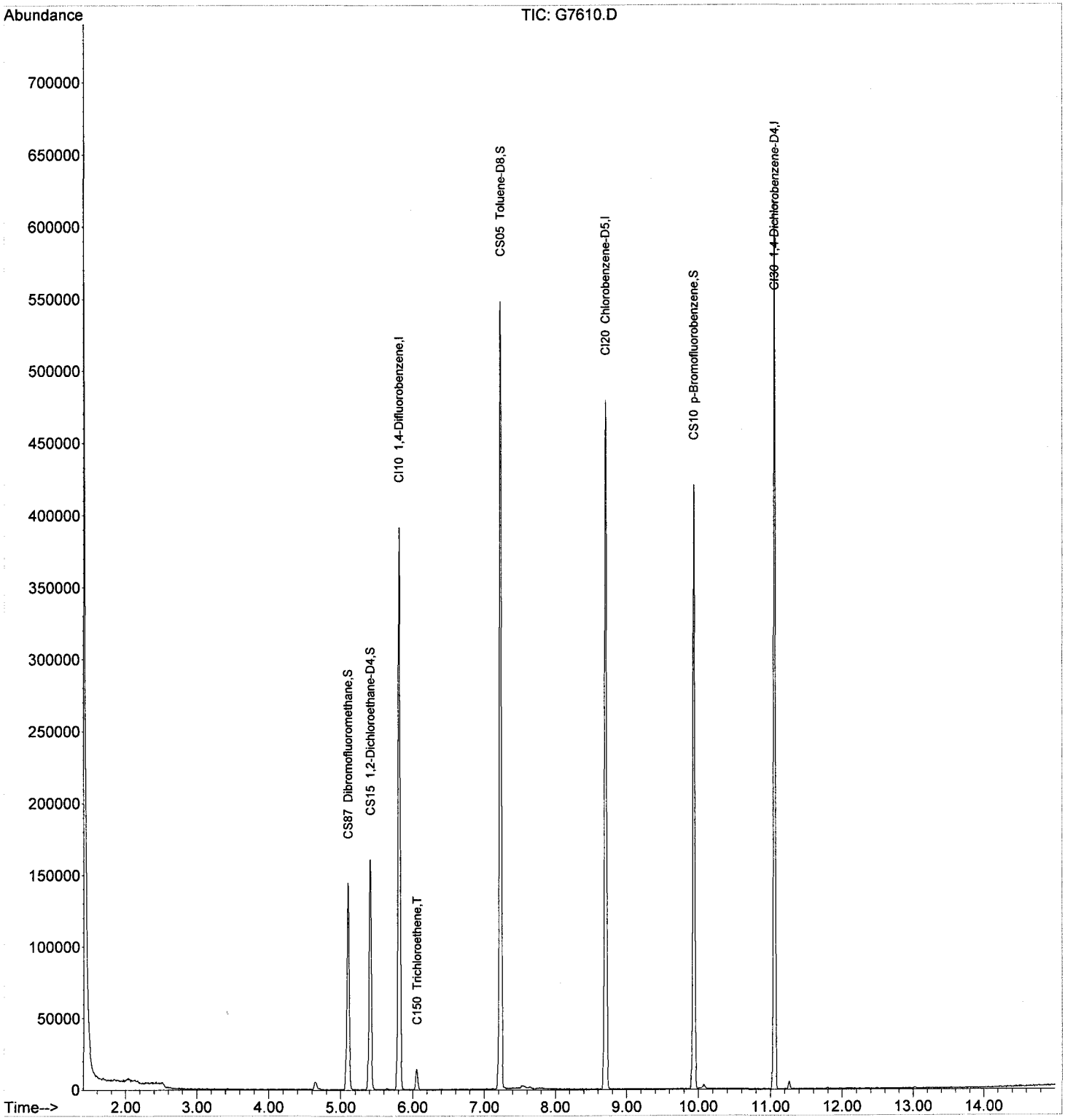
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	5.0	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	1.0	U
91-20-3	Naphthalene	1.0	U
100-42-5	Styrene	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
79-01-6	Trichloroethene	0.90	J
75-01-4	Vinyl chloride	1.0	U
1330-20-7	Total Xylenes	3.0	U

Data File: C:\MSDCHEM\1\DATA\122705\G7610.D
Acq On : 27 Dec 2005 18:53
Sample : A5E59214
Misc :
Integrator: RTE
Quant Time: Dec 27 19:24:56 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 27 08:55:23 2005
Response via : Initial Calibration
Data Path : C:\MSDCHEM\1\DATA\122705\
Operator : TLC



Data File: C:\MSDCHEM\1\DATA\122705\G7610.D
Acq On : 27 Dec 2005 18:53
Sample : A5E59214
Misc :
Integrator: RTE
Quant Time: Dec 27 19:24:56 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 27 08:55:23 2005
Response via : Initial Calibration
Data Path : C:\MSDCHEM\1\DATA\122705\
Operator : TLC

S&E 12/27/05 TLC

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.80	114	340867	125.00	ng	0.00 91.07%
43) CI20	Chlorobenzene-D5	8.70	82	170613	125.00	ng	0.00 88.86%
63) CI30	1,4-Dichlorobenzene-	11.05	152	165829	125.00	ng	0.00 90.49%
System Monitoring Compounds							
26) CS87	Dibromofluoromethane	5.10	111	97080	113.78	NG	0.00
Spiked Amount	125.000	Range	70 - 130	Recovery =	91.02%		
31) CS15	1,2-Dichloroethane-D	5.41	65	128742	117.32	ng	0.00
Spiked Amount	125.000	Range	73 - 136	Recovery =	93.86%		
44) CS05	Toluene-D8	7.22	98	408748	118.81	ng	0.00
Spiked Amount	125.000	Range	77 - 122	Recovery =	95.05%		
62) CS10	p-Bromofluorobenzene	9.94	174	122853	116.22	ng	0.00
Spiked Amount	125.000	Range	74 - 120	Recovery =	92.98%		
Target Compounds							Qvalue
2) C290	Dichlorodifluorome	0.00	85	0	N.D.		
3) C010	Chloromethane	1.61	50	373	N.D.		
4) C020	Vinyl chloride	0.00	62	0	N.D.		
5) C015	Bromomethane	0.00	94	0	N.D.		
6) C025	Chloroethane	0.00	64	0	N.D.		
7) C275	Trichlorofluoromet	0.00	101	0	N.D.		
8) C045	1,1-Dichloroethene	0.00	96	0	N.D.		
9) C030	Methylene chloride	3.43	84	148	N.D.		
10) C040	Carbon disulfide	3.14	76	620	N.D.		
11) C036	Acrolein	0.00	56	0	N.D.		
12) C038	Acrylonitrile	0.00	53	0	N.D.		
13) C035	Acetone	3.04	43	909	N.D.		
14) C300	Acetonitrile	3.30	41	56	N.D.		
15) C276	Iodomethane	0.00	142	0	N.D.		
16) C291	1,1,2-Trichloro-1,	0.00	101	0	N.D.		
17) C962	T-butyl Methyl Eth	0.00	73	0	N.D.		
18) C057	trans-1,2-Dichloro	0.00	96	0	N.D.		
19) C255	Methyl Acetate	3.25	43	59	N.D.		
20) C050	1,1-Dichloroethane	0.00	63	0	N.D.		
21) C125	Vinyl Acetate	0.00	43	0	N.D.		
22) C051	2,2-Dichloropropan	0.00	77	0	N.D.		
23) C056	cis-1,2-Dichloroet	4.64	96	1989	N.D.		
24) C272	Tetrahydrofuran	0.00	42	0	N.D.		
25) C222	Bromochloromethane	0.00	128	0	N.D.		
27) C060	Chloroform	0.00	83	0	N.D.		
28) C115	1,1,1-Trichloroeth	0.00	97	0	N.D.		
29) C120	Carbon tetrachlori	0.00	117	0	N.D.		
30) C116	1,1-Dichloropropen	0.00	75	0	N.D.		
32) C165	Benzene	5.44	78	56	N.D.		
33) C065	1,2-Dichloroethane	0.00	62	0	N.D.		
34) C110	2-Butanone	4.68	43	60	N.D.		
35) C256	Cyclohexane	0.00	56	0	N.D.		
36) C150	Trichloroethene	6.05	95	5448	4.52	ng	95

1/6/2006

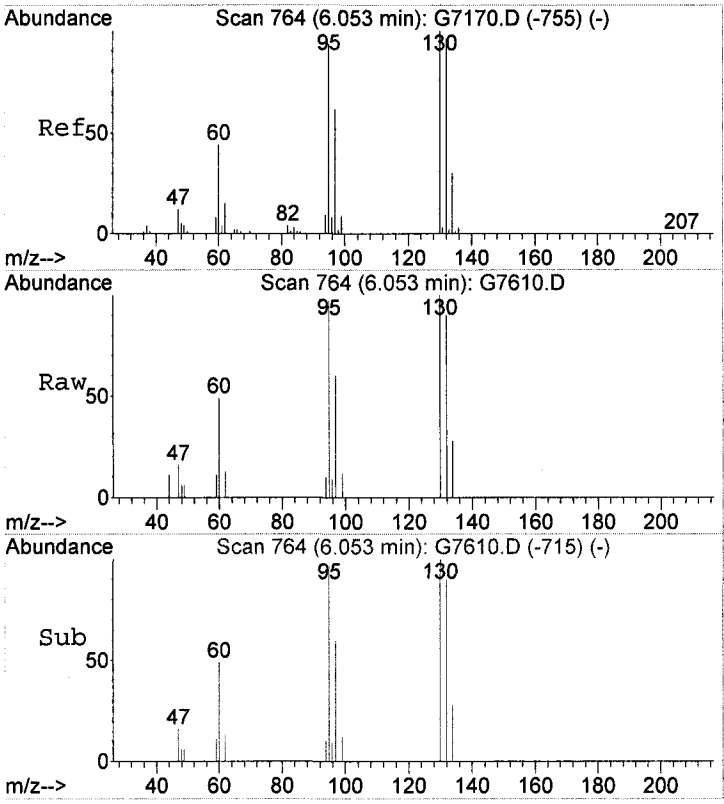
Data File: C:\MSDCHEM\1\DATA\122705\G7610.D
Acq On : 27 Dec 2005 18:53
Sample : A5E59214
Misc :
Integrator: RTE
Quant Time: Dec 27 19:24:56 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 27 08:55:23 2005
Response via : Initial Calibration
Data Path : C:\MSDCHEM\1\DATA\122705\
Operator : TLC

Internal Standards		R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
37) C140	1,2-Dichloropropan	0.00	63	0	N.D.	
38) C278	Dibromomethane	0.00	93	0	N.D.	
39) C130	Bromodichlorometha	0.00	83	0	N.D.	
40) C161	2-Chloroethylvinyl	6.84	63	60	N.D.	
41) C012	Methylcyclohexane	0.00	83	0	N.D.	
42) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.	
45) C230	Toluene	0.00	92	0	N.D.	
46) C170	trans-1,3-Dichloro	0.00	75	0	N.D.	
47) C284	Ethyl Methacrylate	0.00	69	0	N.D.	
48) C160	1,1,2-Trichloroeth	0.00	83	0	N.D.	
49) C210	4-Methyl-2-pentano	7.22	43	1944	N.D.	
50) C220	Tetrachloroethene	0.00	166	0	N.D.	
51) C221	1,3-Dichloropropan	0.00	76	0	N.D.	
52) C155	Dibromochlorometha	0.00	129	0	N.D.	
53) C163	1,2-Dibromoethane	0.00	107	0	N.D.	
54) C215	2-Hexanone	0.00	43	0	N.D.	
55) C235	Chlorobenzene	0.00	112	0	N.D.	
56) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.	
57) C240	Ethylbenzene	8.95	91	71	N.D.	
58) C246	m,p-Xylene	0.00	106	0	N.D.	
59) C247	o-Xylene	0.00	106	0	N.D.	
60) C245	Styrene	0.00	104	0	N.D.	
61) C180	Bromoform	0.00	173	0	N.D.	
64) C966	Isopropylbenzene	0.00	105	0	N.D.	
65) C301	Bromobenzene	0.00	156	0	N.D.	
66) C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.	
67) C282	1,2,3-Trichloropro	0.00	110	0	N.D.	
68) C283	t-1,4-Dichloro-2-B	0.00	51	0	N.D.	
69) C302	n-Propylbenzene	9.93	91	402	N.D.	
70) C303	2-Chlorotoluene	0.00	126	0	N.D.	
71) C289	4-Chlorotoluene	0.00	126	0	N.D.	
72) C304	1,3,5-Trimethylben	0.00	105	0	N.D.	
73) C306	tert-Butylbenzene	0.00	134	0	N.D.	
74) C307	1,2,4-Trimethylben	0.00	105	0	N.D.	
75) C308	sec-Butylbenzene	0.00	105	0	N.D.	
76) C260	1,3-Dichlorobenzen	0.00	146	0	N.D.	
77) C309	4-Isopropyltoluene	0.00	119	0	N.D.	
78) C267	1,4-Dichlorobenzen	0.00	146	0	N.D.	
79) C249	1,2-Dichlorobenzen	0.00	146	0	N.D.	
80) C310	n-Butylbenzene	0.00	91	0	N.D.	
81) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.	
82) C313	1,2,4-Trichloroben	0.00	180	0	N.D.	
83) C316	Hexachlorobutadien	0.00	225	0	N.D.	
84) C314	Naphthalene	13.03	128	1067	N.D.	
85) C934	1,2,3-Trichloroben	0.00	180	0	N.D.	

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

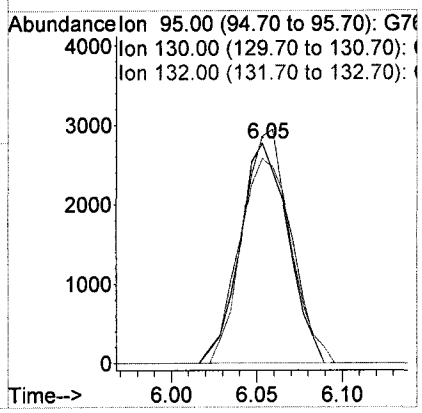
1/6/06



#36
C150 Trichloroethene
Concen: 4.52 ng
RT: 6.05 min Scan# 764
Delta R.T. 0.00 min
Lab File: G7610.D
Acq: 27 Dec 2005 18:53

Tgt Ion: 95 Resp: 5448

Ion	Ratio	Lower	Upper
95	100		
130	103.2	63.6	123.6
132	92.9	62.6	122.6



METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.

MW-30

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 1205GW

Matrix: (soil/water) WATER Lab Sample ID: A5E59207

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G7603.RR

Level: (low/med) LOW Date Samp/Recv: 12/22/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/27/2005

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	5.0	U
71-43-2	Benzene	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon Disulfide	1.0	U
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	1.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	1.0	U
110-82-7	Cyclohexane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-59-2	cis-1,2-Dichloroethene	0.44	J
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
98-82-8	Isopropylbenzene	1.0	U
79-20-9	Methyl acetate	1.0	U
108-87-2	Methylcyclohexane	1.0	U
75-09-2	Methylene chloride	1.0	U

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.

MW-30

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 1205GW

Matrix: (soil/water) WATER Lab Sample ID: A5E59207

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G7603.RR

Level: (low/med) LOW Date Samp/Recv: 12/22/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/27/2005

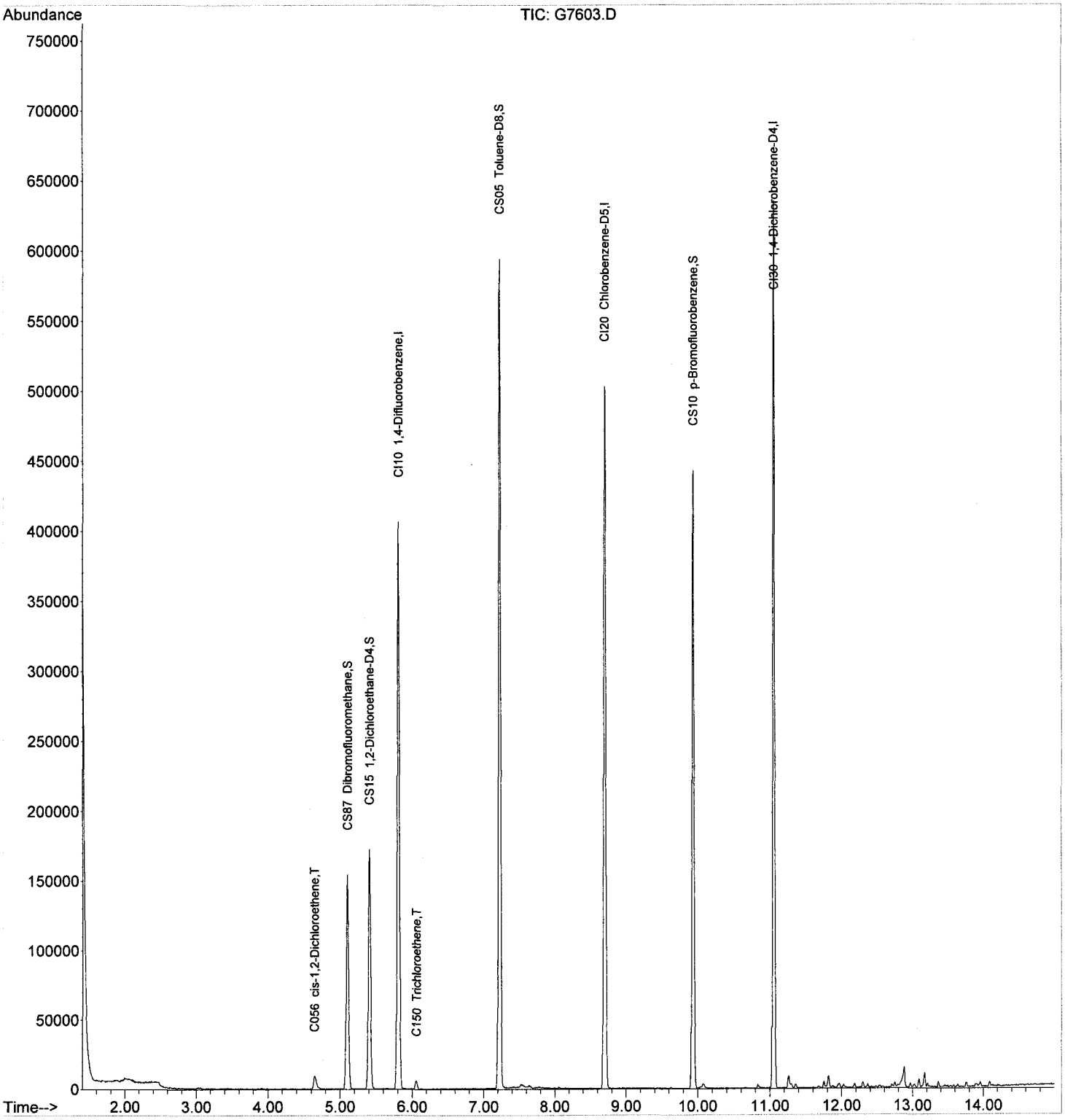
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	5.0	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	1.0	U
91-20-3	Naphthalene	1.0	U
100-42-5	Styrene	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
79-01-6	Trichloroethene	0.42	J
75-01-4	Vinyl chloride	1.0	U
1330-20-7	Total Xylenes	3.0	U

Data File: C:\MSDCHEM\1\DATA\122705\G7603.D
Acq On : 27 Dec 2005 16:16
Sample : A5E59207
Misc :
Integrator: RTE
Quant Time: Dec 27 18:07:48 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 27 08:55:23 2005
Response via : Initial Calibration
Data Path : C:\MSDCHEM\1\DATA\122705\
Operator : TLC



Data File: C:\MSDCHEM\1\DATA\122705\G7603.D
Acq On : 27 Dec 2005 16:16
Sample : A5E59207
Misc :
Integrator: RTE
Quant Time: Dec 27 18:07:48 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 27 08:55:23 2005
Response via : Initial Calibration
Data Path : C:\MSDCHEM\1\DATA\122705\
Operator : TLC

SDG 12/27/05 TLC

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.81	114	362257	125.00	ng	0.00 96.79%
43) CI20	Chlorobenzene-D5	8.70	82	181923	125.00	ng	0.00 94.75%
63) CI30	1,4-Dichlorobenzene-	11.06	152	171991	125.00	ng	0.00 93.85%

System Monitoring Compounds							
26) CS87	Dibromofluoromethane	5.10	111	103069	113.66	NG	0.00
Spiked Amount	125.000	Range 70 - 130		Recovery =	90.93%		
31) CS15	1,2-Dichloroethane-D	5.41	65	134446	115.28	ng	0.00
Spiked Amount	125.000	Range 73 - 136		Recovery =	92.22%		
44) CS05	Toluene-D8	7.22	98	433337	118.13	ng	0.00
Spiked Amount	125.000	Range 77 - 122		Recovery =	94.50%		
62) CS10	p-Bromofluorobenzene	9.94	174	129390	114.80	ng	0.00
Spiked Amount	125.000	Range 74 - 120		Recovery =	91.84%		

Target Compounds							Qvalue
2) C290	Dichlorodifluorome	0.00	85	0	N.D.		
3) C010	Chloromethane	1.60	50	234	N.D.		
4) C020	Vinyl chloride	0.00	62	0	N.D.		
5) C015	Bromomethane	2.07	94	55	N.D.		
6) C025	Chloroethane	0.00	64	0	N.D.		
7) C275	Trichlorofluoromet	0.00	101	0	N.D.		
8) C045	1,1-Dichloroethene	0.00	96	0	N.D.		
9) C030	Methylene chloride	3.44	84	114	N.D.		
10) C040	Carbon disulfide	3.16	76	565	N.D.		
11) C036	Acrolein	0.00	56	0	N.D.		
12) C038	Acrylonitrile	0.00	53	0	N.D.		
13) C035	Acetone	3.03	43	1961	N.D.		
14) C300	Acetonitrile	3.31	41	69	N.D.		
15) C276	Iodomethane	0.00	142	0	N.D.		
16) C291	1,1,2-Trichloro-1,	0.00	101	0	N.D.		
17) C962	T-butyl Methyl Eth	0.00	73	0	N.D.		
18) C057	trans-1,2-Dichloro	3.69	96	56	N.D.		
19) C255	Methyl Acetate	3.41	43	57	N.D.		
20) C050	1,1-Dichloroethane	0.00	63	0	N.D.		
21) C125	Vinyl Acetate	0.00	43	0	N.D.		
22) C051	2,2-Dichloropropan	4.66	77	126	N.D.		
23) C056	cis-1,2-Dichloroethe	4.64	96	2912	2.19	ng #	73
24) C272	Tetrahydrofuran	0.00	42	0	N.D.		
25) C222	Bromochloromethane	0.00	128	0	N.D.		
27) C060	Chloroform	0.00	83	0	N.D.		
28) C115	1,1,1-Trichloroeth	0.00	97	0	N.D.		
29) C120	Carbon tetrachlori	0.00	117	0	N.D.		
30) C116	1,1-Dichloropropen	0.00	75	0	N.D.		
32) C165	Benzene	5.44	78	121	N.D.		
33) C065	1,2-Dichloroethane	0.00	62	0	N.D.		
34) C110	2-Butanone	4.67	43	328	N.D.		
35) C256	Cyclohexane	0.00	56	0	N.D.		
36) C150	Trichloroethene	6.05	95	2723	2.13	ng	98

11/16/06

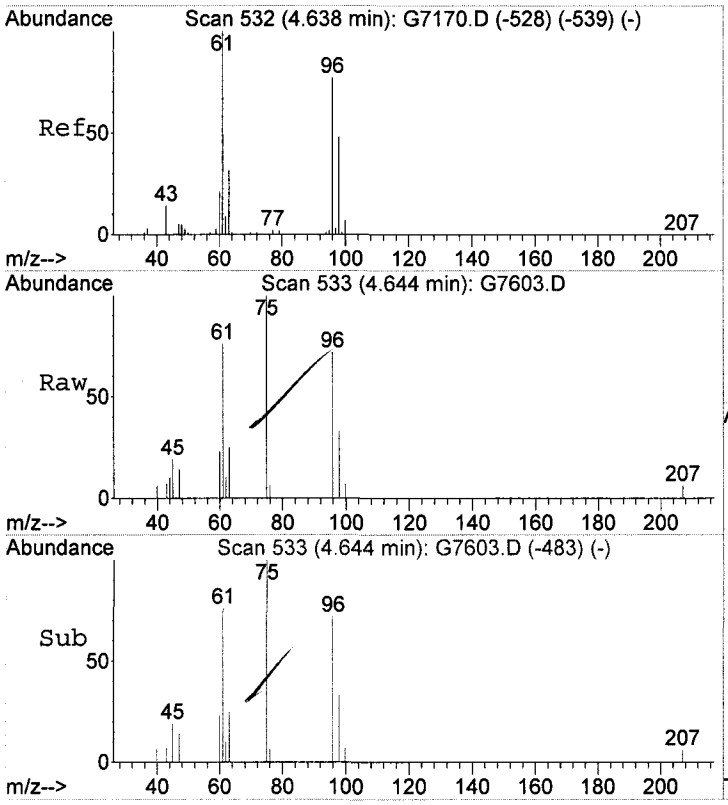
Data File: C:\MSDCHEM\1\DATA\122705\G7603.D
Acq On : 27 Dec 2005 16:16
Sample : A5E59207
Misc :
Integrator: RTE
Quant Time: Dec 27 18:07:48 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 27 08:55:23 2005
Response via : Initial Calibration
Data Path : C:\MSDCHEM\1\DATA\122705\
Operator : TLC

Internal Standards		R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
37) C140	1,2-Dichloropropan	0.00	63	0	N.D.	
38) C278	Dibromomethane	0.00	93	0	N.D.	
39) C130	Bromodichlorometha	0.00	83	0	N.D.	
40) C161	2-Chloroethylvinyl	6.85	63	119	N.D.	
41) C012	Methylcyclohexane	0.00	83	0	N.D.	
42) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.	
45) C230	Toluene	7.28	92	136	N.D.	
46) C170	trans-1,3-Dichloro	0.00	75	0	N.D.	
47) C284	Ethyl Methacrylate	0.00	69	0	N.D.	
48) C160	1,1,2-Trichloroeth	0.00	83	0	N.D.	
49) C210	4-Methyl-2-pentano	7.22	43	2096	N.D.	
50) C220	Tetrachloroethene	0.00	166	0	N.D.	
51) C221	1,3-Dichloropropan	0.00	76	0	N.D.	
52) C155	Dibromochlorometha	0.00	129	0	N.D.	
53) C163	1,2-Dibromoethane	0.00	107	0	N.D.	
54) C215	2-Hexanone	0.00	43	0	N.D.	
55) C235	Chlorobenzene	0.00	112	0	N.D.	
56) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.	
57) C240	Ethylbenzene	8.95	91	193	N.D.	
58) C246	m,p-Xylene	0.00	106	0	N.D.	
59) C247	o-Xylene	0.00	106	0	N.D.	
60) C245	Styrene	0.00	104	0	N.D.	
61) C180	Bromoform	0.00	173	0	N.D.	
64) C966	Isopropylbenzene	0.00	105	0	N.D.	
65) C301	Bromobenzene	0.00	156	0	N.D.	
66) C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.	
67) C282	1,2,3-Trichloropro	0.00	110	0	N.D.	
68) C283	t-1,4-Dichloro-2-B	0.00	51	0	N.D.	
69) C302	n-Propylbenzene	9.93	91	544	N.D.	
70) C303	2-Chlorotoluene	0.00	126	0	N.D.	
71) C289	4-Chlorotoluene	0.00	126	0	N.D.	
72) C304	1,3,5-Trimethylben	10.26	105	55	N.D.	
73) C306	tert-Butylbenzene	10.84	134	434	N.D.	
74) C307	1,2,4-Trimethylben	10.71	105	76	N.D.	
75) C308	sec-Butylbenzene	10.87	105	628	N.D.	
76) C260	1,3-Dichlorobenzen	0.00	146	0	N.D.	
77) C309	4-Isopropyltoluene	11.01	119	98	N.D.	
78) C267	1,4-Dichlorobenzen	0.00	146	0	N.D.	
79) C249	1,2-Dichlorobenzen	0.00	146	0	N.D.	
80) C310	n-Butylbenzene	11.37	91	183	N.D.	
81) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.	
82) C313	1,2,4-Trichloroben	0.00	180	0	N.D.	
83) C316	Hexachlorobutadien	0.00	225	0	N.D.	
84) C314	Naphthalene	13.02	128	1559	N.D.	
85) C934	1,2,3-Trichloroben	0.00	180	0	N.D.	

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

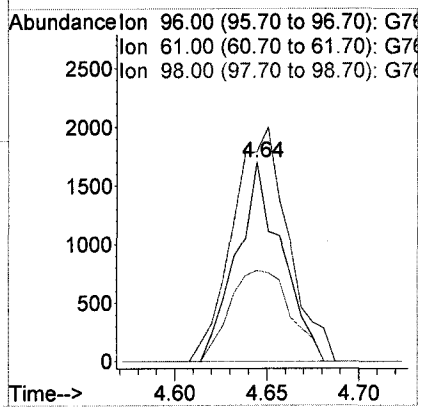
MTM 1/6/06

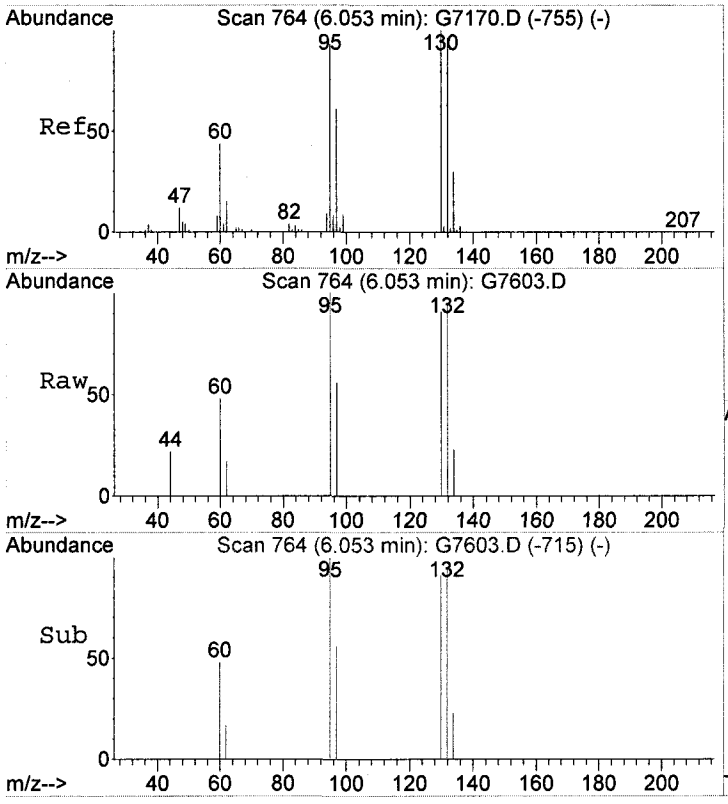


#23
C056 cis-1,2-Dichloroethene
Concen: 2.19 ng
RT: 4.64 min Scan# 533
Delta R.T. 0.01 min
Lab File: G7603.D
Acq: 27 Dec 2005 16:16

Tgt Ion: 96 Resp: 2912

Ion	Ratio	Lower	Upper
96	100		
61	105.1	107.7	167.7#
98	45.7	36.9	96.9

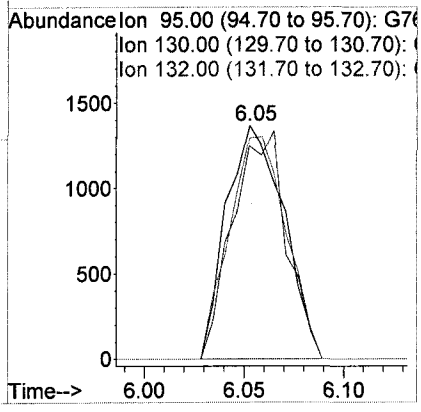




#36
C150 Trichloroethene
Concen: 2.13 ng
RT: 6.05 min Scan# 764
Delta R.T. 0.00 min
Lab File: G7603.D
Acq: 27 Dec 2005 16:16

Tgt Ion: 95 Resp: 2723

Ion	Ratio	Lower	Upper
95	100		
130	91.4	63.6	123.6
132	94.7	62.6	122.6



METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.

MW-31

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 1205GW

Matrix: (soil/water) WATER Lab Sample ID: A5E59201

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G7595.RR

Level: (low/med) LOW Date Samp/Recv: 12/21/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/27/2005

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	5.0	U
71-43-2	Benzene	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon Disulfide	1.0	U
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	1.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	1.0	U
110-82-7	Cyclohexane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-59-2	cis-1,2-Dichloroethene	99	
156-60-5	trans-1,2-Dichloroethene	8.2	
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
98-82-8	Isopropylbenzene	1.0	U
79-20-9	Methyl acetate	1.0	U
108-87-2	Methylcyclohexane	1.0	U
75-09-2	Methylene chloride	1.0	U

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.

MW-31

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 1205GW

Matrix: (soil/water) WATER Lab Sample ID: A5E59201

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G7595.RR

Level: (low/med) LOW Date Samp/Recv: 12/21/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/27/2005

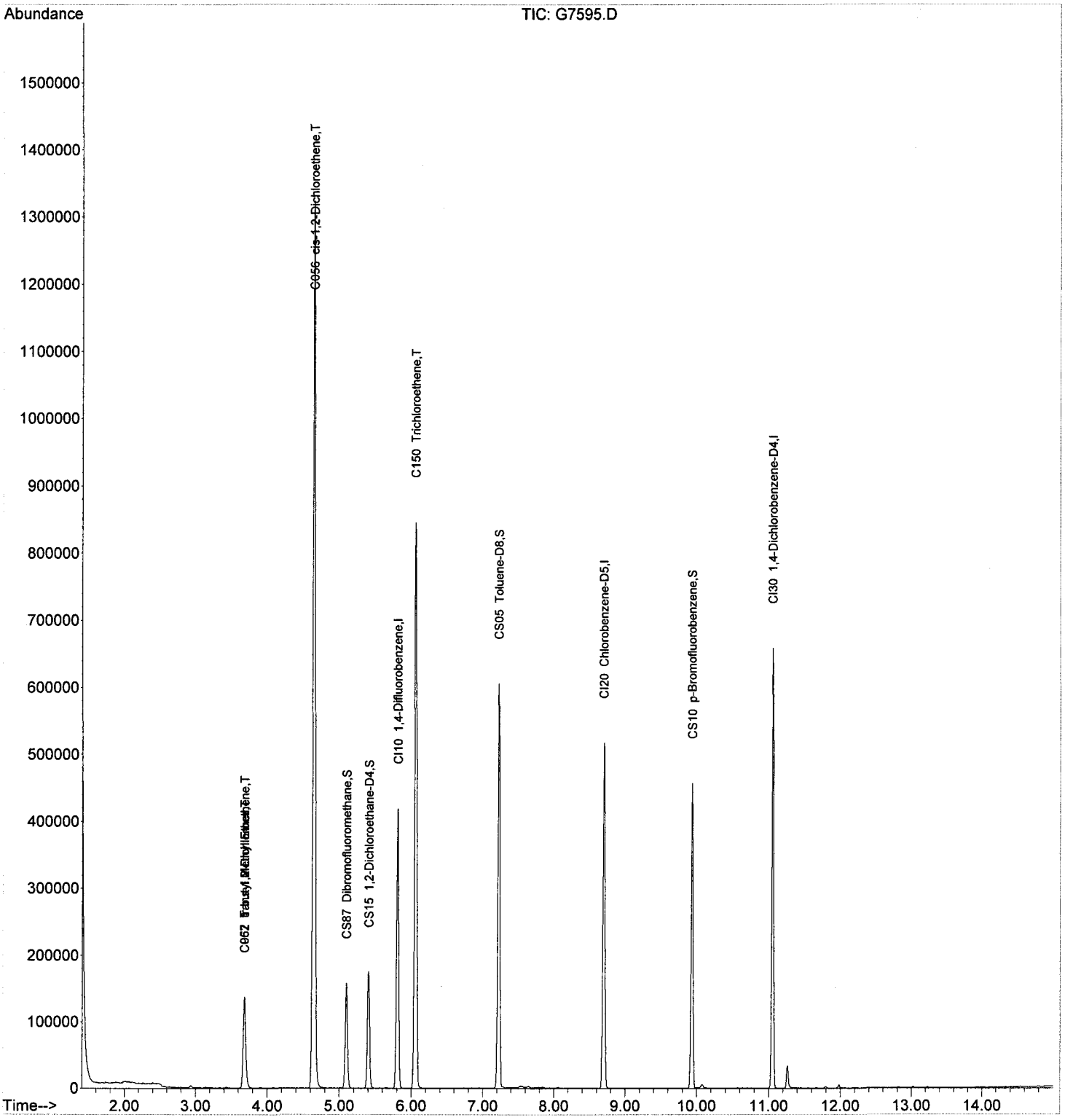
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	5.0	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	2.4	
91-20-3	Naphthalene	1.0	U
100-42-5	Styrene	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
79-01-6	Trichloroethene	48	
75-01-4	Vinyl chloride	1.0	U
1330-20-7	Total Xylenes	3.0	U

Data File: C:\MSDCHEM\1\DATA\122705\G7595.D
Acq On : 27 Dec 2005 10:48
Sample : A5E59201
Misc :
Integrator: RTE
Quant Time: Dec 27 18:06:41 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 27 08:55:23 2005
Response via : Initial Calibration
Data Path : C:\MSDCHEM\1\DATA\122705\
Operator : TLC



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Acq On : 27 Dec 2005 10:48
Sample : A5E59201
Misc :
Integrator: RTE
Quant Time: Dec 27 18:06:41 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 27 08:55:23 2005
Response via : Initial Calibration
Data Path : C:\MSDCHEM\1\DATA\122705\
Operator : TLC

SC 12/27/05 TLC

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.81	114	370403	125.00	ng	0.00 98.97%
43) CI20	Chlorobenzene-D5	8.70	82	186717	125.00	ng	0.00 97.25%
63) CI30	1,4-Dichlorobenzene-	11.05	152	179262	125.00	ng	0.00 97.82%
System Monitoring Compounds							
26) CS87	Dibromofluoromethane	5.10	111	107504	115.95	NG	0.00
Spiked Amount	125.000	Range	70 - 130	Recovery	=	92.76%	
31) CS15	1,2-Dichloroethane-D	5.40	65	139638	117.10	ng	0.00
Spiked Amount	125.000	Range	73 - 136	Recovery	=	93.68%	
44) CS05	Toluene-D8	7.22	98	443543	117.80	ng	0.00
Spiked Amount	125.000	Range	77 - 122	Recovery	=	94.24%	
62) CS10	p-Bromofluorobenzene	9.94	174	134352	116.14	ng	0.00
Spiked Amount	125.000	Range	74 - 120	Recovery	=	92.91%	
Target Compounds							Qvalue
2) C290	Dichlorodifluorome	0.00	85	0	N.D.		
3) C010	Chloromethane	1.62	50	278	N.D.		
4) C020	Vinyl chloride	1.74	62	1604	N.D.		
5) C015	Bromomethane	0.00	94	0	N.D.		
6) C025	Chloroethane	0.00	64	0	N.D.		
7) C275	Trichlorofluoromet	0.00	101	0	N.D.		
8) C045	1,1-Dichloroethene	2.94	96	1645	N.D.		
9) C030	Methylene chloride	3.43	84	421	N.D.		
10) C040	Carbon disulfide	3.14	76	2019	N.D.		
11) C036	Acrolein	2.85	56	55	N.D.		
12) C038	Acrylonitrile	3.69	53	374	N.D.		
13) C035	Acetone	3.03	43	2319	N.D.		
14) C300	Acetonitrile	3.35	41	187	N.D.		
15) C276	Iodomethane	0.00	142	0	N.D.		
16) C291	1,1,2-Trichloro-1,	0.00	101	0	N.D.		
17) C962	T-butyl Methyl Ether	3.69	73	47011	11.98	ng	93
18) C057	trans-1,2-Dichloroet	3.69	96	49936	40.87	ng #	48
19) C255	Methyl Acetate	3.30	43	55	N.D.		
20) C050	1,1-Dichloroethane	4.08	63	1379	N.D.		
21) C125	Vinyl Acetate	4.14	43	66	N.D.		
22) C051	2,2-Dichloropropan	4.66	77	381	N.D.		
23) C056	cis-1,2-Dichloroethe	4.64	96	670629	493.49	ng	98
24) C272	Tetrahydrofuran	0.00	42	0	N.D.		
25) C222	Bromochloromethane	0.00	128	0	N.D.		
27) C060	Chloroform	0.00	83	0	N.D.		
28) C115	1,1,1-Trichloroeth	0.00	97	0	N.D.		
29) C120	Carbon tetrachlori	0.00	117	0	N.D.		
30) C116	1,1-Dichloropropen	0.00	75	0	N.D.		
32) C165	Benzene	5.44	78	1021	N.D.		
33) C065	1,2-Dichloroethane	5.48	62	57	N.D.		
34) C110	2-Butanone	4.69	43	1154	N.D.		
35) C256	Cyclohexane	0.00	56	0	N.D.		
36) C150	Trichloroethene	6.05	95	313470	239.27	ng	95

1/6/2006

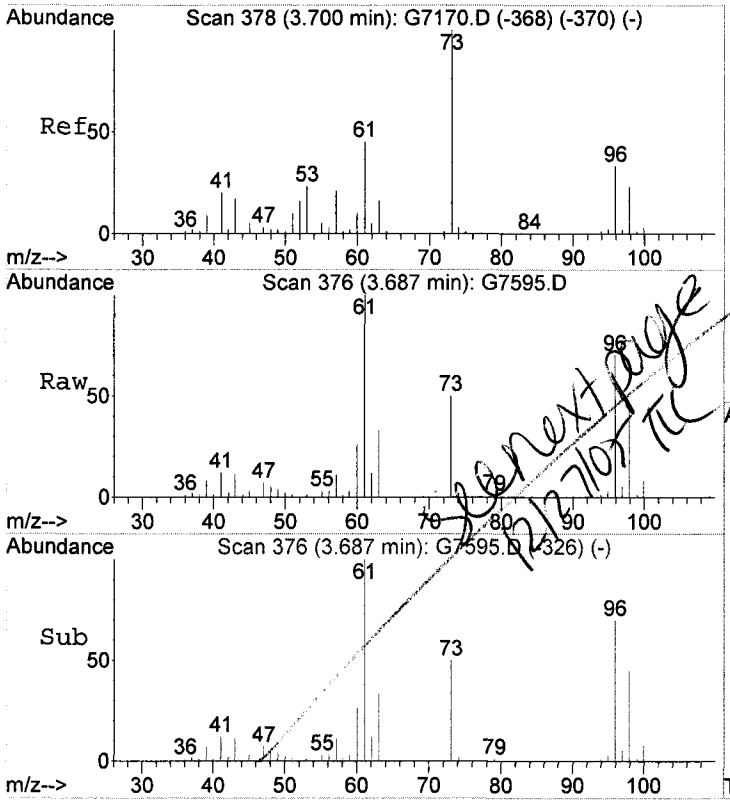
Data File: C:\MSDCHEM\1\DATA\122705\G7595.D
Acq On : 27 Dec 2005 10:48
Sample : A5E59201
Misc :
Integrator: RTE
Quant Time: Dec 27 18:06:41 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 27 08:55:23 2005
Response via : Initial Calibration
Data Path : C:\MSDCHEM\1\DATA\122705\
Operator : TLC

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
37) C140	1,2-Dichloropropan	0.00	63	0	N.D.		
38) C278	Dibromomethane	0.00	93	0	N.D.		
39) C130	Bromodichlorometha	0.00	83	0	N.D.		
40) C161	2-Chloroethylvinyl	0.00	63	0	N.D.		
41) C012	Methylcyclohexane	0.00	83	0	N.D.		
42) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.		
45) C230	Toluene	7.28	92	774	N.D.		
46) C170	trans-1,3-Dichloro	0.00	75	0	N.D.		
47) C284	Ethyl Methacrylate	0.00	69	0	N.D.		
48) C160	1,1,2-Trichloroeth	0.00	83	0	N.D.		
49) C210	4-Methyl-2-pentano	7.05	43	59	N.D.		
50) C220	Tetrachloroethene	7.84	166	155	N.D.		
51) C221	1,3-Dichloropropan	0.00	76	0	N.D.		
52) C155	Dibromochlorometha	0.00	129	0	N.D.		
53) C163	1,2-Dibromoethane	0.00	107	0	N.D.		
54) C215	2-Hexanone	8.05	43	372	N.D.		
55) C235	Chlorobenzene	8.74	112	232	N.D.		
56) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.		
57) C240	Ethylbenzene	8.96	91	458	N.D.		
58) C246	m,p-Xylene	0.00	106	0	N.D.		
59) C247	o-Xylene	0.00	106	0	N.D.		
60) C245	Styrene	0.00	104	0	N.D.		
61) C180	Bromoform	0.00	173	0	N.D.		
64) C966	Isopropylbenzene	0.00	105	0	N.D.		
65) C301	Bromobenzene	0.00	156	0	N.D.		
66) C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.		
67) C282	1,2,3-Trichloropro	0.00	110	0	N.D.		
68) C283	t-1,4-Dichloro-2-B	0.00	51	0	N.D.		
69) C302	n-Propylbenzene	9.92	91	539	N.D.		
70) C303	2-Chlorotoluene	0.00	126	0	N.D.		
71) C289	4-Chlorotoluene	0.00	126	0	N.D.		
72) C304	1,3,5-Trimethylben	0.00	105	0	N.D.		
73) C306	tert-Butylbenzene	0.00	134	0	N.D.		
74) C307	1,2,4-Trimethylben	10.70	105	241	N.D.		
75) C308	sec-Butylbenzene	10.70	105	241	N.D.		
76) C260	1,3-Dichlorobenzen	0.00	146	0	N.D.		
77) C309	4-Isopropyltoluene	11.00	119	369	N.D.		
78) C267	1,4-Dichlorobenzen	0.00	146	0	N.D.		
79) C249	1,2-Dichlorobenzen	0.00	146	0	N.D.		
80) C310	n-Butylbenzene	11.38	91	121	N.D.		
81) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.		
82) C313	1,2,4-Trichloroben	12.83	180	702	N.D.		
83) C316	Hexachlorobutadien	12.95	225	145	N.D.		
84) C314	Naphthalene	13.03	128	2181	N.D.		
85) C934	1,2,3-Trichloroben	13.23	180	794	N.D.		

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

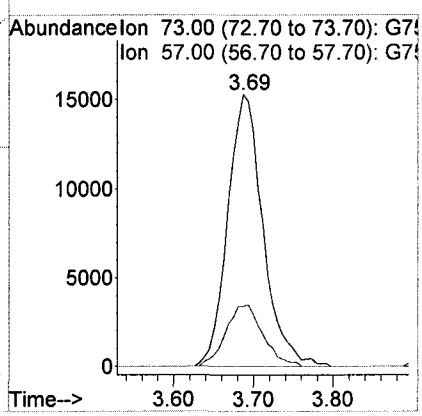
1/6/2006

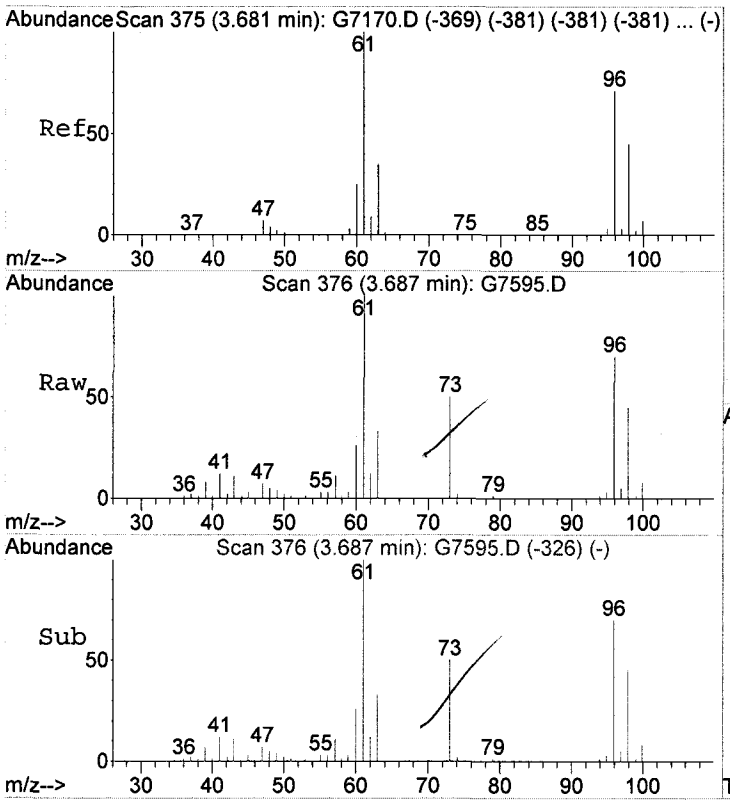


#17
C962 T-butyl Methyl Ether
Concen: 11.98 ng
RT: 3.69 min Scan# 376
Delta R.T. 0.01 min
Lab File: G7595.D
Acq: 27 Dec 2005 10:48

Tgt Ion: 73 Resp: 47011

Ion	Ratio	Lower	Upper
73	100		
57	24.0	0.0	57.5

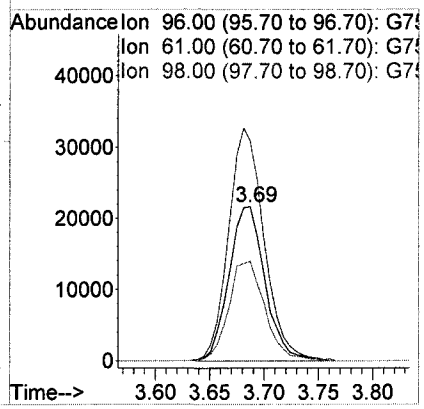




#18
C057 trans-1,2-Dichloroethene
Concen: 40.87 ng
RT: 3.69 min Scan# 376
Delta R.T. 0.01 min
Lab File: G7595.D
Acq: 27 Dec 2005 10:48

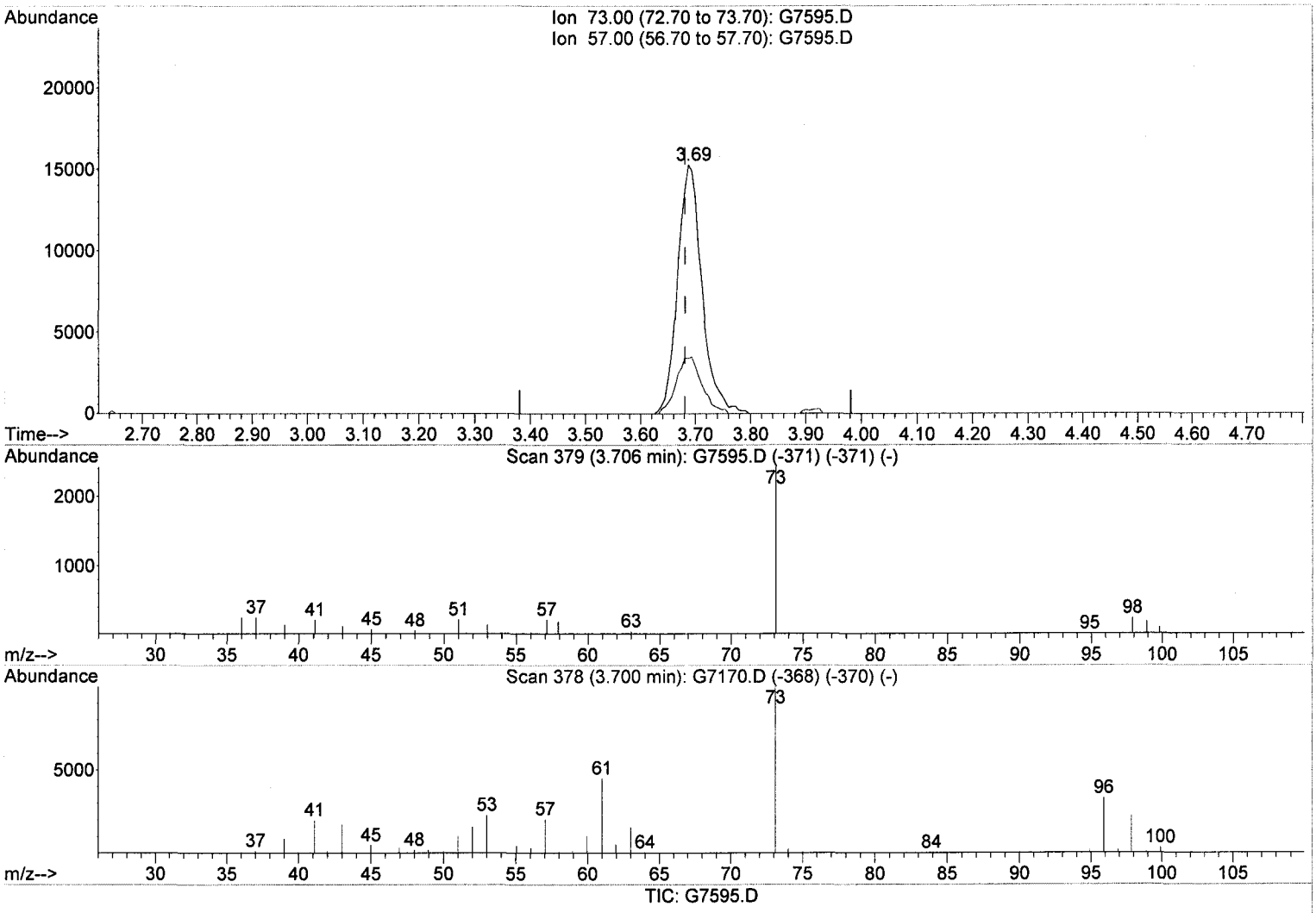
Tgt Ion: 96 Resp: 49936

Ion	Ratio	Lower	Upper
96	100		
61	142.5	215.5	275.5#
98	64.5	65.5	125.5#



Data File: C:\MSDCHEM\1\DATA\122705\G7595.D
Acq On : 27 Dec 2005 10:48
Sample : A5E59201
Misc :
Integrator: RTE
Quant Time: Dec 27 18:06:41 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 27 08:55:23 2005
Response via : Initial Calibration
Data Path : C:\MSDCHEM\1\DATA\122705\
Operator : TLC



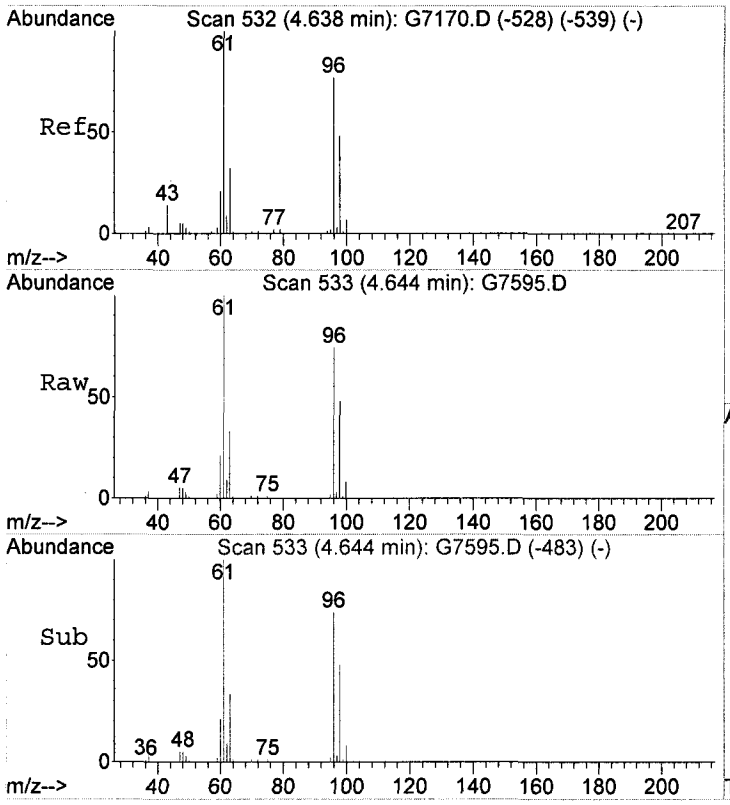
TIC: G7595.D

(17) C962 T-butyl Methyl Ether (T)

3.69min (+0.006) 11.98ng

response 47011

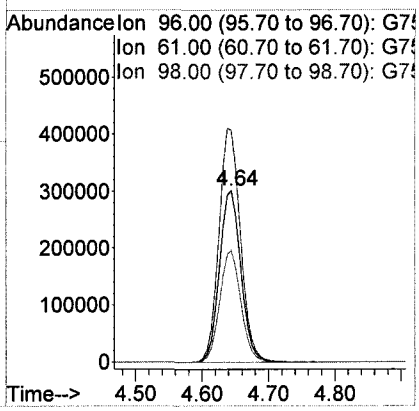
Ion	Exp%	Act%
73.00	100	100
57.00	27.50	23.98
0.00	0.00	0.00
0.00	0.00	0.00

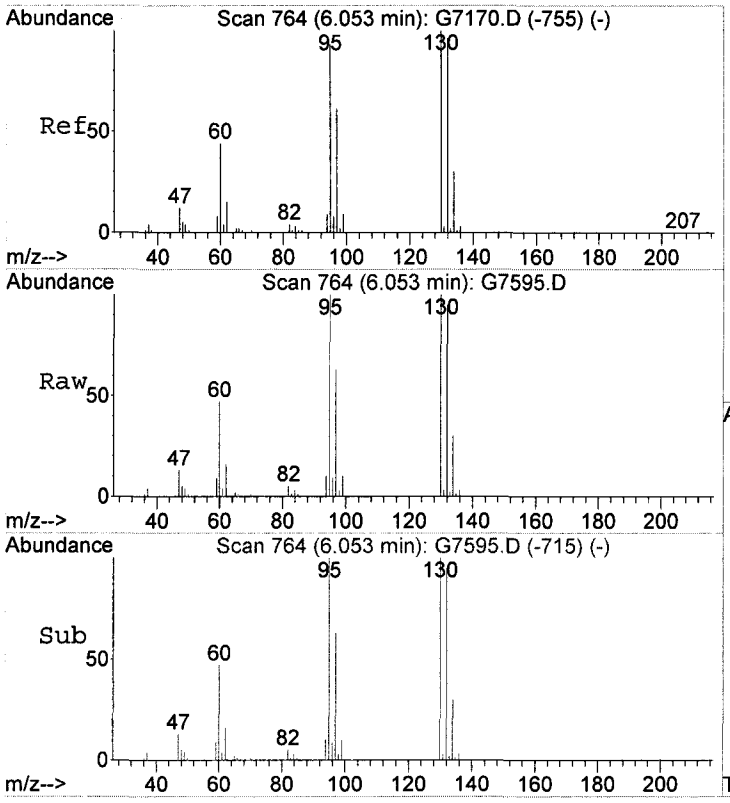


#23
C056 cis-1,2-Dichloroethene
Concen: 493.49 ng
RT: 4.64 min Scan# 533
Delta R.T. 0.01 min
Lab File: G7595.D
Acq: 27 Dec 2005 10:48

Tgt Ion: 96 Resp: 670629

Ion	Ratio	Lower	Upper
96	100		
61	134.7	107.7	167.7
98	65.0	36.9	96.9

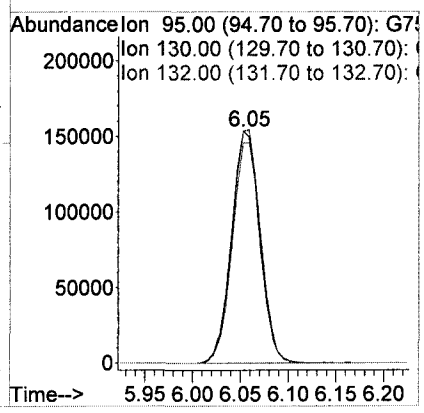




#36
C150 Trichloroethene
Concen: 239.27 ng
RT: 6.05 min Scan# 764
Delta R.T. 0.00 min
Lab File: G7595.D
Acq: 27 Dec 2005 10:48

Tgt Ion: 95 Resp: 313470

Ion	Ratio	Lower	Upper
95	100		
130	100.0	63.6	123.6
132	95.0	62.6	122.6



METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.

MW-37

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 1205GW

Matrix: (soil/water) WATER Lab Sample ID: A5E59205

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G7601.RR

Level: (low/med) LOW Date Samp/Recv: 12/22/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/27/2005

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	5.0	U
71-43-2	Benzene	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon Disulfide	1.0	U
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	1.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	1.0	U
110-82-7	Cyclohexane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-59-2	cis-1,2-Dichloroethene	50	
156-60-5	trans-1,2-Dichloroethene	2.4	
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
98-82-8	Isopropylbenzene	1.0	U
79-20-9	Methyl acetate	1.0	U
108-87-2	Methylcyclohexane	1.0	U
75-09-2	Methylene chloride	1.0	U

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.

MW-37

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 1205GW

Matrix: (soil/water) WATER Lab Sample ID: A5E59205

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G7601.RR

Level: (low/med) LOW Date Samp/Recv: 12/22/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/27/2005

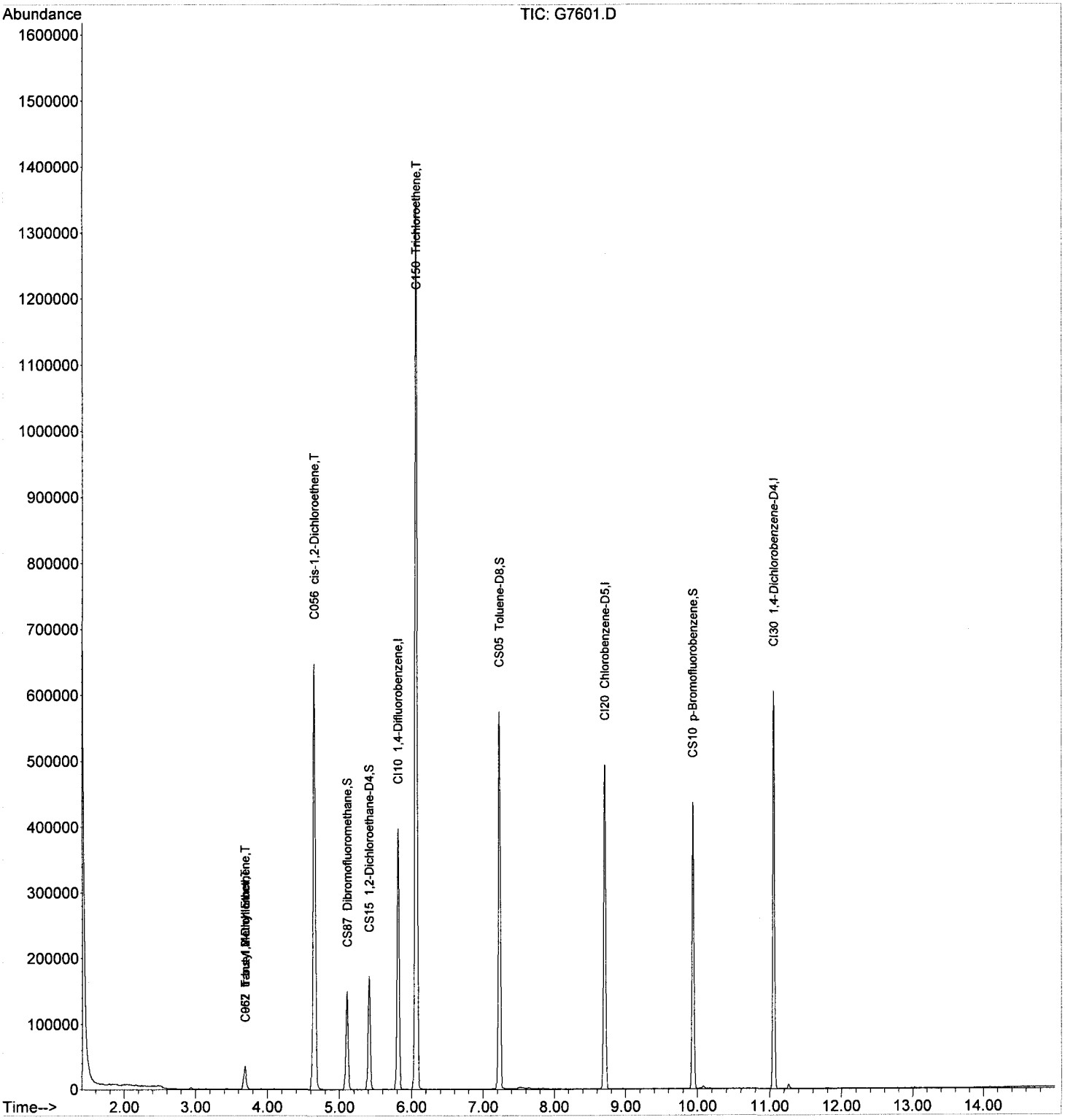
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	5.0	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	0.51	J
91-20-3	Naphthalene	1.0	U
100-42-5	Styrene	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
79-01-6	Trichloroethene	81	
75-01-4	Vinyl chloride	1.0	U
1330-20-7	Total Xylenes	3.0	U

Data File: C:\MSDCHEM\1\DATA\122705\G7601.D
Acq On : 27 Dec 2005 15:31
Sample : A5E59205
Misc :
Integrator: RTE
Quant Time: Dec 27 18:07:35 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 27 08:55:23 2005
Response via : Initial Calibration
Data Path : C:\MSDCHEM\1\DATA\122705\
Operator : TLC



Data File: C:\MSDCHEM\1\DATA\122705\G7601.D
Acq On : 27 Dec 2005 15:31
Sample : A5E59205
Misc :
Integrator: RTE
Quant Time: Dec 27 18:07:35 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 27 08:55:23 2005
Response via : Initial Calibration
Data Path : C:\MSDCHEM\1\DATA\122705\
Operator : TLC

SK 12/27/05 TLC

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.81	114	347622	125.00	ng	0.00 92.88%
43) CI20	Chlorobenzene-D5	8.70	82	176794	125.00	ng	0.00 92.08%
63) CI30	1,4-Dichlorobenzene-	11.05	152	167419	125.00	ng	0.00 91.35%
System Monitoring Compounds							
26) CS87	Dibromofluoromethane	5.10	111	100330	115.30	NG	0.00
Spiked Amount	125.000	Range	70 - 130	Recovery	=	92.24%	
31) CS15	1,2-Dichloroethane-D	5.41	65	133049	118.89	ng	0.00
Spiked Amount	125.000	Range	73 - 136	Recovery	=	95.11%	
44) CS05	Toluene-D8	7.22	98	421888	118.34	ng	0.00
Spiked Amount	125.000	Range	77 - 122	Recovery	=	94.67%	
62) CS10	p-Bromofluorobenzene	9.94	174	126232	115.24	ng	0.00
Spiked Amount	125.000	Range	74 - 120	Recovery	=	92.19%	
Target Compounds							Qvalue
2) C290	Dichlorodifluorome	0.00	85	0	N.D.		
3) C010	Chloromethane	1.63	50	81	N.D.		
4) C020	Vinyl chloride	1.72	62	776	N.D.		
5) C015	Bromomethane	0.00	94	0	N.D.		
6) C025	Chloroethane	0.00	64	0	N.D.		
7) C275	Trichlorofluoromet	0.00	101	0	N.D.		
8) C045	1,1-Dichloroethene	2.93	96	1072	N.D.		
9) C030	Methylene chloride	3.43	84	481	N.D.		
10) C040	Carbon disulfide	3.14	76	1208	N.D.		
11) C036	Acrolein	2.83	56	64	N.D.		
12) C038	Acrylonitrile	0.00	53	0	N.D.		
13) C035	Acetone	3.04	43	1338	N.D.		
14) C300	Acetonitrile	3.26	41	179	N.D.		
15) C276	Iodomethane	3.08	142	139	N.D.		
16) C291	1,1,2-Trichloro-1,	0.00	101	0	N.D.		
17) C962	T-butyl Methyl Ether	3.69	73	9454	2.57	ng	95
18) C057	trans-1,2-Dichloroet	3.69	96	14018	12.22	ng #	46
19) C255	Methyl Acetate	0.00	43	0	N.D.		
20) C050	1,1-Dichloroethane	4.10	63	840	N.D.		
21) C125	Vinyl Acetate	0.00	43	0	N.D.		
22) C051	2,2-Dichloropropan	4.65	77	334	N.D.		
23) C056	cis-1,2-Dichloroethe	4.64	96	318178	249.48	ng	98
24) C272	Tetrahydrofuran	0.00	42	0	N.D.		
25) C222	Bromochloromethane	0.00	128	0	N.D.		
27) C060	Chloroform	0.00	83	0	N.D.		
28) C115	1,1,1-Trichloroeth	5.10	97	212	N.D.		
29) C120	Carbon tetrachlori	0.00	117	0	N.D.		
30) C116	1,1-Dichloropropen	0.00	75	0	N.D.		
32) C165	Benzene	5.43	78	1097	N.D.		
33) C065	1,2-Dichloroethane	0.00	62	0	N.D.		
34) C110	2-Butanone	4.69	43	341	N.D.		
35) C256	Cyclohexane	5.14	56	57	N.D.		
36) C150	Trichloroethene	6.05	95	497190	404.38	ng	96

mm 1/6/2006

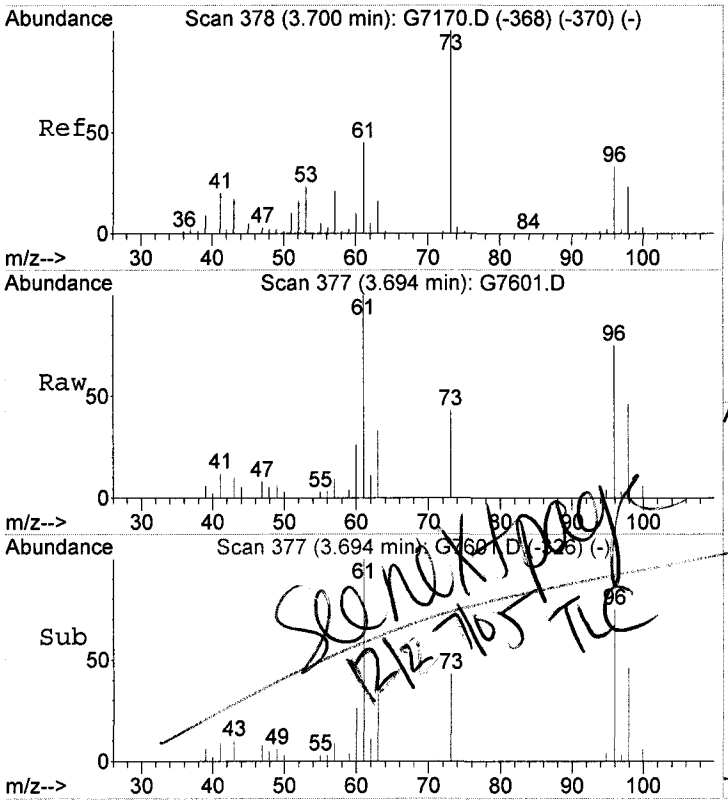
Data File: C:\MSDCHEM\1\DATA\122705\G7601.D
Acq On : 27 Dec 2005 15:31
Sample : A5E59205
Misc :
Integrator: RTE
Quant Time: Dec 27 18:07:35 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 27 08:55:23 2005
Response via : Initial Calibration
Data Path : C:\MSDCHEM\1\DATA\122705\
Operator : TLC

Internal Standards		R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
37) C140	1,2-Dichloropropan	0.00	63	0	N.D.	
38) C278	Dibromomethane	0.00	93	0	N.D.	
39) C130	Bromodichlorometha	0.00	83	0	N.D.	
40) C161	2-Chloroethylvinyl	6.86	63	142	N.D.	
41) C012	Methylcyclohexane	0.00	83	0	N.D.	
42) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.	
45) C230	Toluene	7.28	92	566	N.D.	
46) C170	trans-1,3-Dichloro	0.00	75	0	N.D.	
47) C284	Ethyl Methacrylate	0.00	69	0	N.D.	
48) C160	1,1,2-Trichloroeth	0.00	83	0	N.D.	
49) C210	4-Methyl-2-pentano	7.22	43	1914	N.D.	
50) C220	Tetrachloroethene	7.85	166	339	N.D.	
51) C221	1,3-Dichloropropan	0.00	76	0	N.D.	
52) C155	Dibromochlorometha	0.00	129	0	N.D.	
53) C163	1,2-Dibromoethane	0.00	107	0	N.D.	
54) C215	2-Hexanone	0.00	43	0	N.D.	
55) C235	Chlorobenzene	0.00	112	0	N.D.	
56) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.	
57) C240	Ethylbenzene	8.95	91	203	N.D.	
58) C246	m,p-Xylene	0.00	106	0	N.D.	
59) C247	o-Xylene	0.00	106	0	N.D.	
60) C245	Styrene	0.00	104	0	N.D.	
61) C180	Bromoform	0.00	173	0	N.D.	
64) C966	Isopropylbenzene	9.93	105	59	N.D.	
65) C301	Bromobenzene	0.00	156	0	N.D.	
66) C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.	
67) C282	1,2,3-Trichloropro	0.00	110	0	N.D.	
68) C283	t-1,4-Dichloro-2-B	0.00	51	0	N.D.	
69) C302	n-Propylbenzene	9.92	91	508	N.D.	
70) C303	2-Chlorotoluene	0.00	126	0	N.D.	
71) C289	4-Chlorotoluene	0.00	126	0	N.D.	
72) C304	1,3,5-Trimethylben	0.00	105	0	N.D.	
73) C306	tert-Butylbenzene	0.00	134	0	N.D.	
74) C307	1,2,4-Trimethylben	10.70	105	60	N.D.	
75) C308	sec-Butylbenzene	10.70	105	60	N.D.	
76) C260	1,3-Dichlorobenzen	0.00	146	0	N.D.	
77) C309	4-Isopropyltoluene	0.00	119	0	N.D.	
78) C267	1,4-Dichlorobenzen	0.00	146	0	N.D.	
79) C249	1,2-Dichlorobenzen	0.00	146	0	N.D.	
80) C310	n-Butylbenzene	0.00	91	0	N.D.	
81) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.	
82) C313	1,2,4-Trichloroben	0.00	180	0	N.D.	
83) C316	Hexachlorobutadien	0.00	225	0	N.D.	
84) C314	Naphthalene	13.02	128	1229	N.D.	
85) C934	1,2,3-Trichloroben	0.00	180	0	N.D.	

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

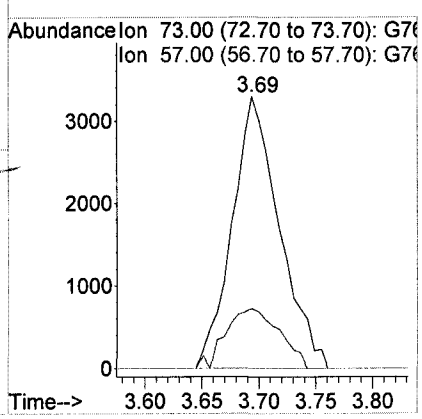
1/6/06

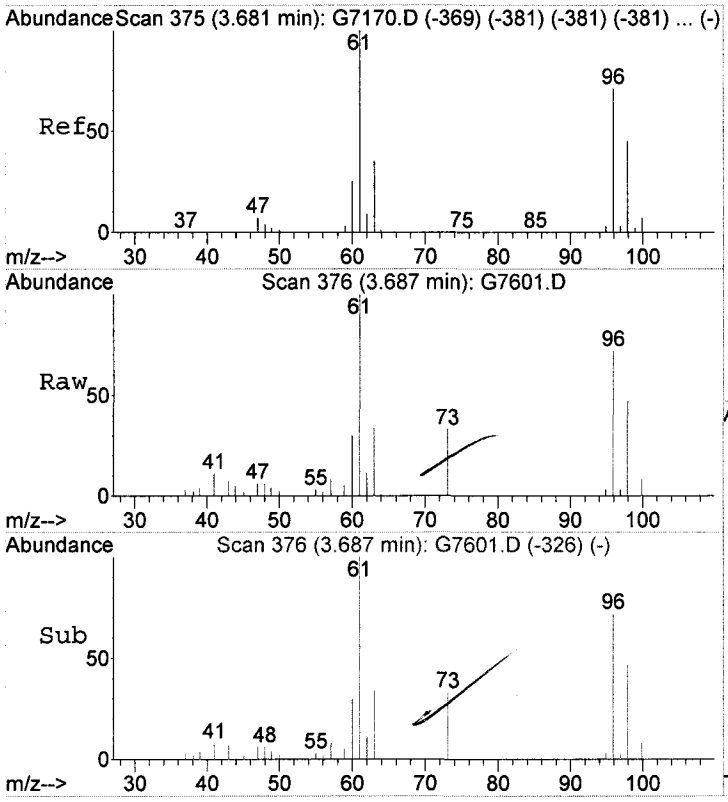


#17
C962 T-butyl Methyl Ether
Concen: 2.57 ng
RT: 3.69 min Scan# 377
Delta R.T. 0.01 min
Lab File: G7601.D
Acq: 27 Dec 2005 15:31

Tgt Ion: 73 Resp: 9454

Ion	Ratio	Lower	Upper
73	100		
57	25.0	0.0	57.5

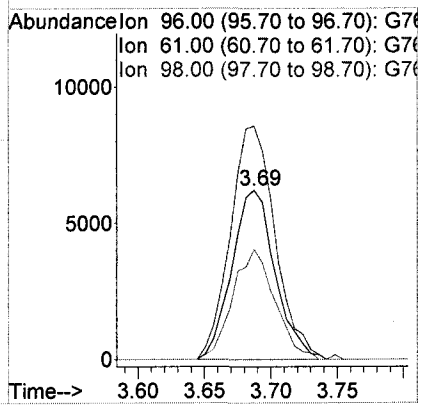




#18
C057 trans-1,2-Dichloroethene
Concen: 12.22 ng
RT: 3.69 min Scan# 376
Delta R.T. 0.01 min
Lab File: G7601.D
Acq: 27 Dec 2005 15:31

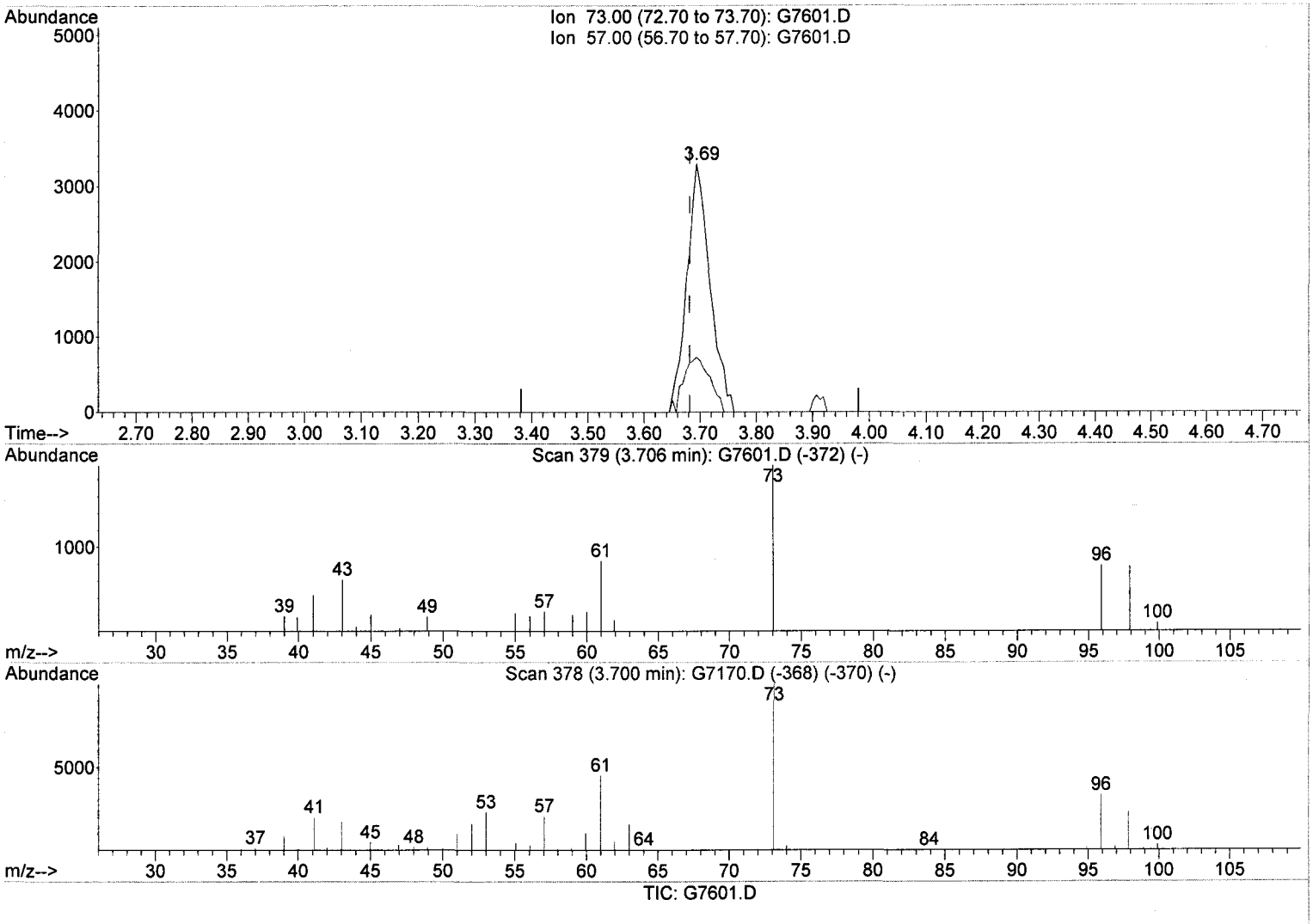
Tgt Ion: 96 Resp: 14018

Ion	Ratio	Lower	Upper
96	100		
61	138.0	215.5	275.5#
98	65.1	65.5	125.5#



Data File: C:\MSDCHEM\1\DATA\122705\G7601.D
Acq On : 27 Dec 2005 15:31
Sample : A5E59205
Misc :
Integrator: RTE
Quant Time: Dec 27 18:07:35 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 27 08:55:23 2005
Response via : Initial Calibration
Data Path : C:\MSDCHEM\1\DATA\122705\
Operator : TLC



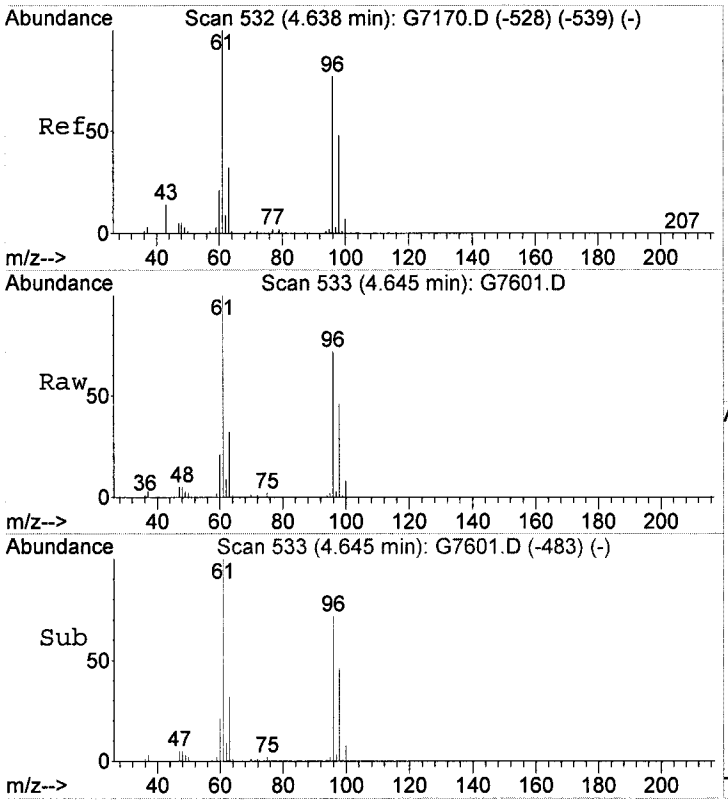
TIC: G7601.D

(17) C962 T-butyl Methyl Ether (T)

3.69min (+0.012) 2.57ng

response 9454

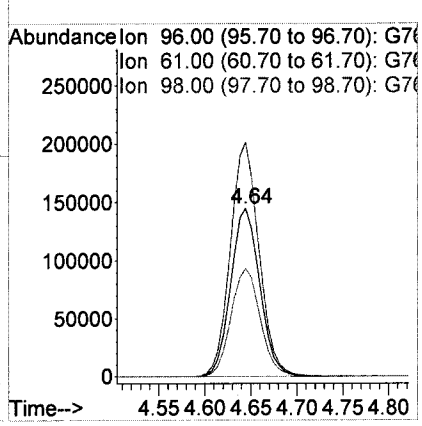
Ion	Exp%	Act%
73.00	100	100
57.00	27.50	25.05
0.00	0.00	0.00
0.00	0.00	0.00

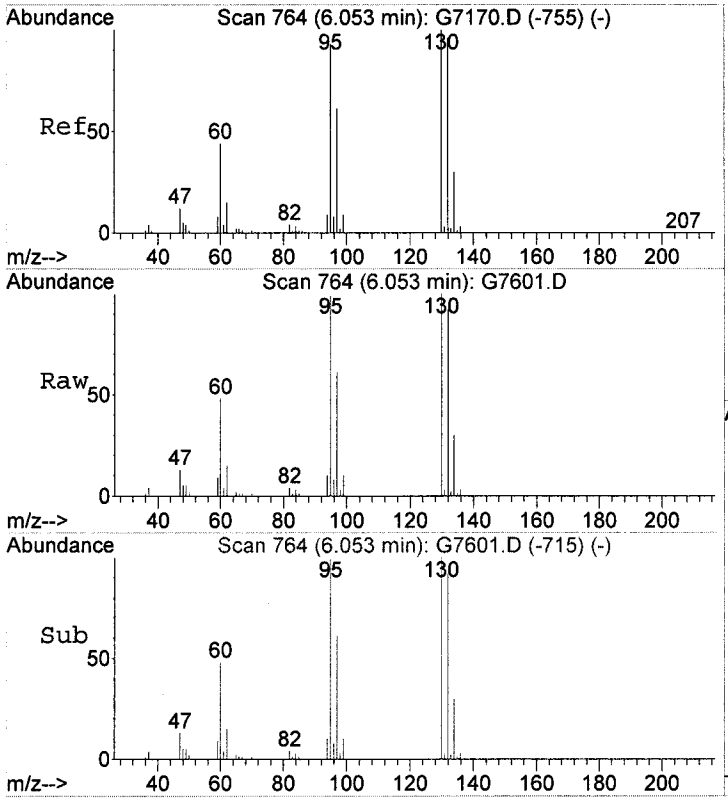


#23
C056 cis-1,2-Dichloroethene
Concen: 249.48 ng
RT: 4.64 min Scan# 533
Delta R.T. 0.01 min
Lab File: G7601.D
Acq: 27 Dec 2005 15:31

Tgt Ion: 96 Resp: 318178

Ion	Ratio	Lower	Upper
96	100		
61	139.0	107.7	167.7
98	64.4	36.9	96.9

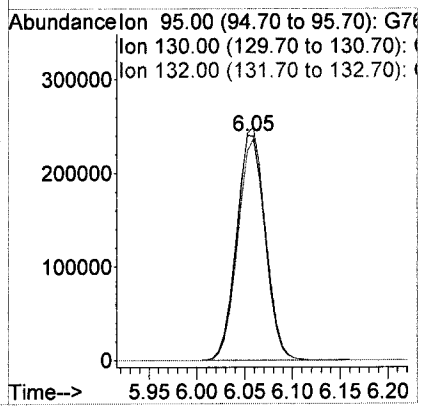




#36
C150 Trichloroethene
Concen: 404.38 ng
RT: 6.05 min Scan# 764
Delta R.T. 0.00 min
Lab File: G7601.D
Acq: 27 Dec 2005 15:31

Tgt Ion: 95 Resp: 497190

Ion	Ratio	Lower	Upper
95	100		
130	101.0	63.6	123.6
132	93.1	62.6	122.6



METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.

MW-38

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 1205GW

Matrix: (soil/water) WATER Lab Sample ID: A5E59204

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G7600.RR

Level: (low/med) LOW Date Samp/Recv: 12/22/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/27/2005

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	5.0	U
71-43-2	Benzene	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon Disulfide	1.0	U
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	1.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	1.0	U
110-82-7	Cyclohexane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U
75-34-3	1,1-Dichloroethane	1.2	
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-59-2	cis-1,2-Dichloroethene	0.54	J
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
98-82-8	Isopropylbenzene	1.0	U
79-20-9	Methyl acetate	1.0	U
108-87-2	Methylcyclohexane	1.0	U
75-09-2	Methylene chloride	1.0	U

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.

MW-38

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 1205GW

Matrix: (soil/water) WATER Lab Sample ID: A5E59204

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G7600.RR

Level: (low/med) LOW Date Samp/Recv: 12/22/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/27/2005

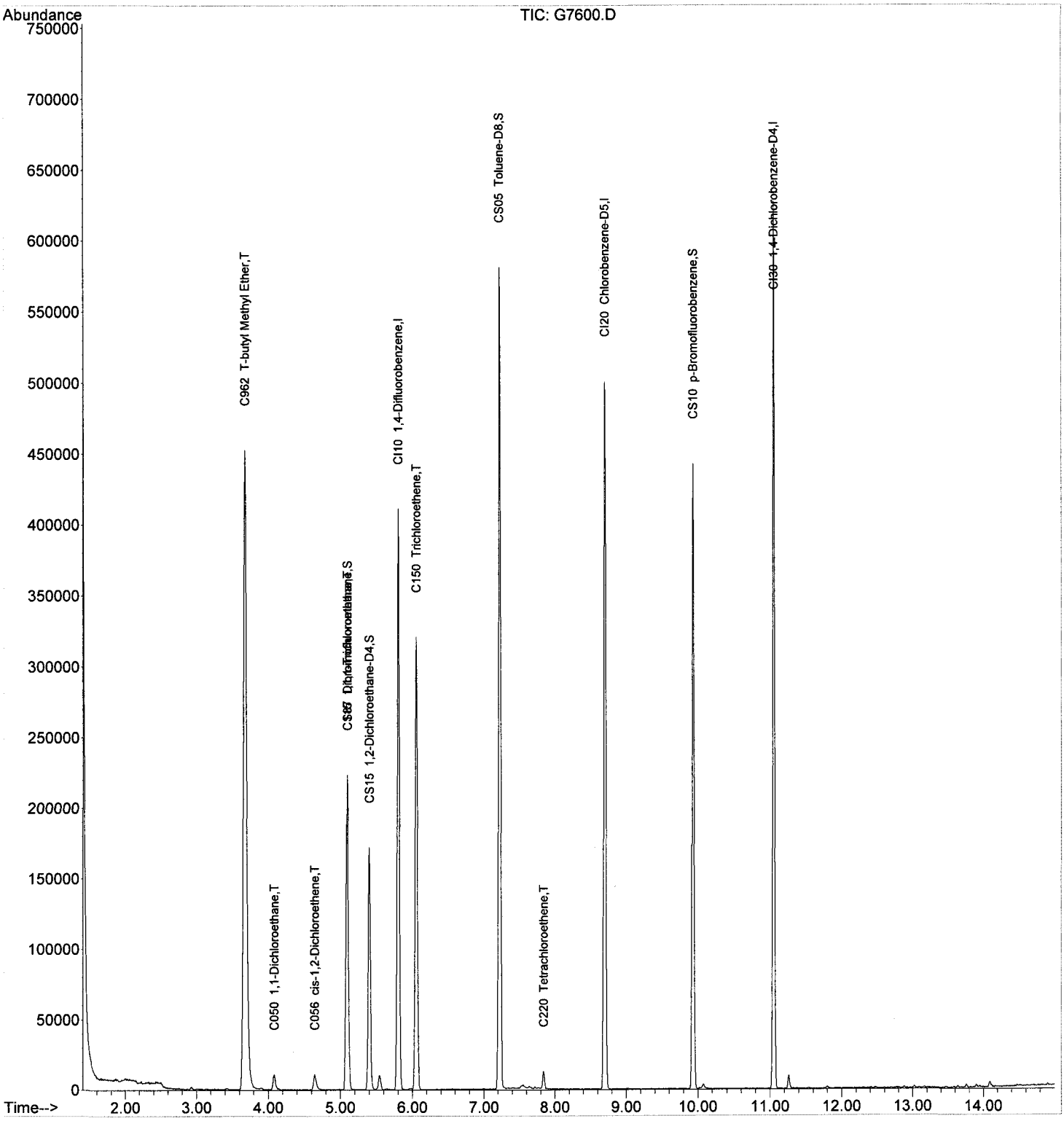
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	5.0	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	35	
91-20-3	Naphthalene	1.0	U
100-42-5	Styrene	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	0.61	J
108-88-3	Toluene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
71-55-6	1,1,1-Trichloroethane	6.0	
79-00-5	1,1,2-Trichloroethane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
79-01-6	Trichloroethene	19	
75-01-4	Vinyl chloride	1.0	U
1330-20-7	Total Xylenes	3.0	U

Data File: C:\MSDCHEM\1\DATA\122705\G7600.D
Acq On : 27 Dec 2005 15:08
Sample : A5E59204
Misc :
Integrator: RTE
Quant Time: Dec 27 18:07:26 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 27 08:55:23 2005
Response via : Initial Calibration
Data Path : C:\MSDCHEM\1\DATA\122705\
Operator : TLC



Data File: C:\MSDCHEM\1\DATA\122705\G7600.D
Acq On : 27 Dec 2005 15:08
Sample : A5E59204
Misc :
Integrator: RTE
Quant Time: Dec 27 18:07:26 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 27 08:55:23 2005
Response via : Initial Calibration
Data Path : C:\MSDCHEM\1\DATA\122705\
Operator : TLC

SDG 12/27/05 TLC

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.80	114	351242	125.00	ng	0.00 93.85%
43) CI20	Chlorobenzene-D5	8.70	82	178004	125.00	ng	0.00 92.71%
63) CI30	1,4-Dichlorobenzene-	11.05	152	167860	125.00	ng	0.00 91.59%
System Monitoring Compounds							
26) CS87	Dibromofluoromethane	5.10	111	103176	117.35	NG	0.00
Spiked Amount	125.000	Range	70 - 130	Recovery =	93.88%		
31) CS15	1,2-Dichloroethane-D	5.40	65	133424	118.00	ng	0.00
Spiked Amount	125.000	Range	73 - 136	Recovery =	94.40%		
44) CS05	Toluene-D8	7.22	98	428088	119.26	ng	0.00
Spiked Amount	125.000	Range	77 - 122	Recovery =	95.41%		
62) CS10	p-Bromofluorobenzene	9.94	174	129010	116.98	ng	0.00
Spiked Amount	125.000	Range	74 - 120	Recovery =	93.58%		
Target Compounds							Qvalue
2) C290	Dichlorodifluorome	0.00	85	0	N.D.		
3) C010	Chloromethane	1.60	50	193	N.D.		
4) C020	Vinyl chloride	1.72	62	565	N.D.		
5) C015	Bromomethane	0.00	94	0	N.D.		
6) C025	Chloroethane	0.00	64	0	N.D.		
7) C275	Trichlorofluoromet	0.00	101	0	N.D.		
8) C045	1,1-Dichloroethene	2.93	96	774	N.D.		
9) C030	Methylene chloride	3.43	84	460	N.D.		
10) C040	Carbon disulfide	3.13	76	825	N.D.		
11) C036	Acrolein	2.81	56	56	N.D.		
12) C038	Acrylonitrile	3.68	53	7250	N.D.		
13) C035	Acetone	3.02	43	1147	N.D.		
14) C300	Acetonitrile	3.25	41	121	N.D.		
15) C276	Iodomethane	0.00	142	0	N.D.		
16) C291	1,1,2-Trichloro-1,	0.00	101	0	N.D.		
17) C962	T-butyl Methyl Ether	3.68	73	657139	176.66	ng	92
18) C057	trans-1,2-Dichloro	0.00	96	0	N.D.		
19) C255	Methyl Acetate	3.38	43	59	N.D.		
20) C050	1,1-Dichloroethane	4.08	63	13790	6.25	ng	99
21) C125	Vinyl Acetate	4.13	43	386	N.D.		
22) C051	2,2-Dichloropropan	4.66	77	191	N.D.		
23) C056	cis-1,2-Dichloroethe	4.64	96	3503	2.72	ng	99
24) C272	Tetrahydrofuran	0.00	42	0	N.D.		
25) C222	Bromochloromethane	0.00	128	0	N.D.		
27) C060	Chloroform	0.00	83	0	N.D.		
28) C115	1,1,1-Trichloroethan	5.10	97	54505	29.78	ng	92
29) C120	Carbon tetrachlori	0.00	117	0	N.D.		
30) C116	1,1-Dichloropropen	0.00	75	0	N.D.		
32) C165	Benzene	5.44	78	265	N.D.		
33) C065	1,2-Dichloroethane	0.00	62	0	N.D.		
34) C110	2-Butanone	4.66	43	214	N.D.		
35) C256	Cyclohexane	0.00	56	0	N.D.		
36) C150	Trichloroethene	6.05	95	118191	95.14	ng	97

MM 1/6/2006

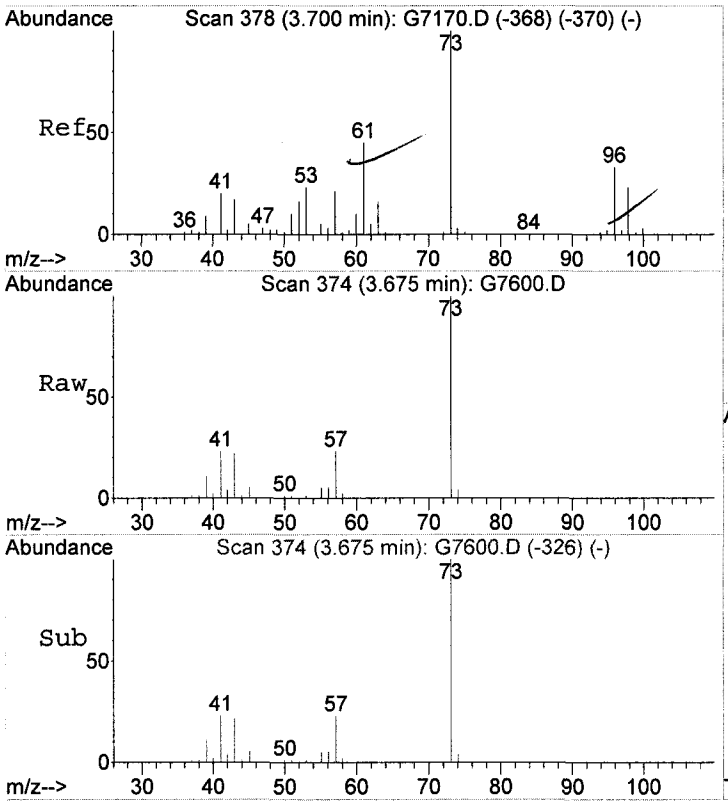
Data File: C:\MSDCHEM\1\DATA\122705\G7600.D
Acq On : 27 Dec 2005 15:08
Sample : A5E59204
Misc :
Integrator: RTE
Quant Time: Dec 27 18:07:26 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 27 08:55:23 2005
Response via : Initial Calibration
Data Path : C:\MSDCHEM\1\DATA\122705\
Operator : TLC

Internal Standards		R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
37) C140	1,2-Dichloropropan	0.00	63	0	N.D.	
38) C278	Dibromomethane	0.00	93	0	N.D.	
39) C130	Bromodichlorometha	0.00	83	0	N.D.	
40) C161	2-Chloroethylvinyl	6.85	63	226	N.D.	
41) C012	Methylcyclohexane	0.00	83	0	N.D.	
42) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.	
45) C230	Toluene	7.28	92	272	N.D.	
46) C170	trans-1,3-Dichloro	0.00	75	0	N.D.	
47) C284	Ethyl Methacrylate	0.00	69	0	N.D.	
48) C160	1,1,2-Trichloroeth	7.72	83	406	N.D.	
49) C210	4-Methyl-2-pentano	7.22	43	2016	N.D.	
50) C220	Tetrachloroethene	7.83	166	4091	3.06 ng	# 75
51) C221	1,3-Dichloropropan	0.00	76	0	N.D.	
52) C155	Dibromochlorometha	0.00	129	0	N.D.	
53) C163	1,2-Dibromoethane	0.00	107	0	N.D.	
54) C215	2-Hexanone	0.00	43	0	N.D.	
55) C235	Chlorobenzene	0.00	112	0	N.D.	
56) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.	
57) C240	Ethylbenzene	8.94	91	60	N.D.	
58) C246	m,p-Xylene	0.00	106	0	N.D.	
59) C247	o-Xylene	0.00	106	0	N.D.	
60) C245	Styrene	0.00	104	0	N.D.	
61) C180	Bromoform	0.00	173	0	N.D.	
64) C966	Isopropylbenzene	0.00	105	0	N.D.	
65) C301	Bromobenzene	0.00	156	0	N.D.	
66) C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.	
67) C282	1,2,3-Trichloropro	0.00	110	0	N.D.	
68) C283	t-1,4-Dichloro-2-B	0.00	51	0	N.D.	
69) C302	n-Propylbenzene	9.93	91	408	N.D.	
70) C303	2-Chlorotoluene	0.00	126	0	N.D.	
71) C289	4-Chlorotoluene	0.00	126	0	N.D.	
72) C304	1,3,5-Trimethylben	0.00	105	0	N.D.	
73) C306	tert-Butylbenzene	0.00	134	0	N.D.	
74) C307	1,2,4-Trimethylben	10.70	105	168	N.D.	
75) C308	sec-Butylbenzene	10.87	105	57	N.D.	
76) C260	1,3-Dichlorobenzen	0.00	146	0	N.D.	
77) C309	4-Isopropyltoluene	10.99	119	55	N.D.	
78) C267	1,4-Dichlorobenzen	0.00	146	0	N.D.	
79) C249	1,2-Dichlorobenzen	11.42	146	119	N.D.	
80) C310	n-Butylbenzene	11.39	91	119	N.D.	
81) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.	
82) C313	1,2,4-Trichloroben	0.00	180	0	N.D.	
83) C316	Hexachlorobutadien	0.00	225	0	N.D.	
84) C314	Naphthalene	13.03	128	1554	N.D.	
85) C934	1,2,3-Trichloroben	13.23	180	123	N.D.	

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

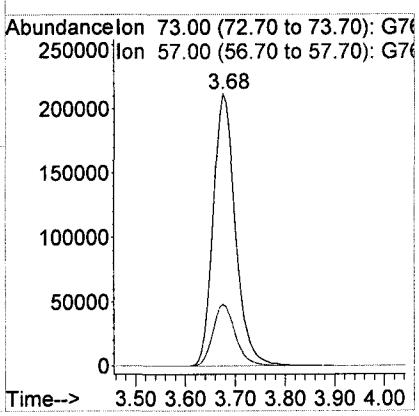
1/6/06

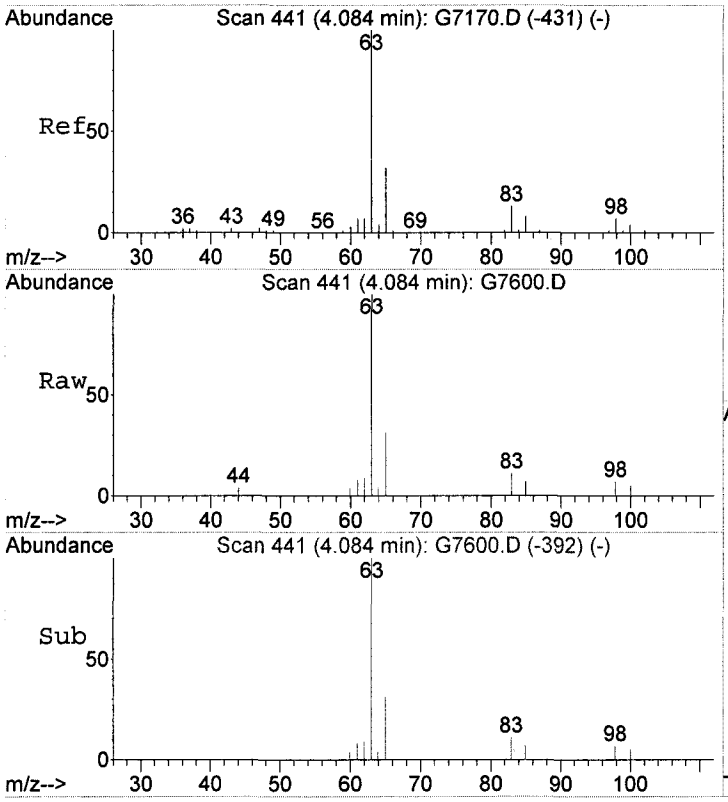


#17
C962 T-butyl Methyl Ether
Concen: 176.66 ng
RT: 3.68 min Scan# 374
Delta R.T. -0.01 min
Lab File: G7600.D
Acq: 27 Dec 2005 15:08

Tgt Ion: 73 Resp: 657139

Ion	Ratio	Lower	Upper
73	100		
57	23.2	0.0	57.5

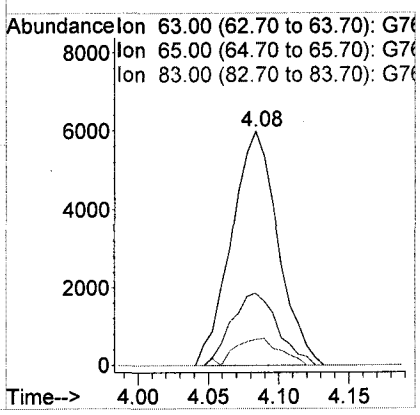


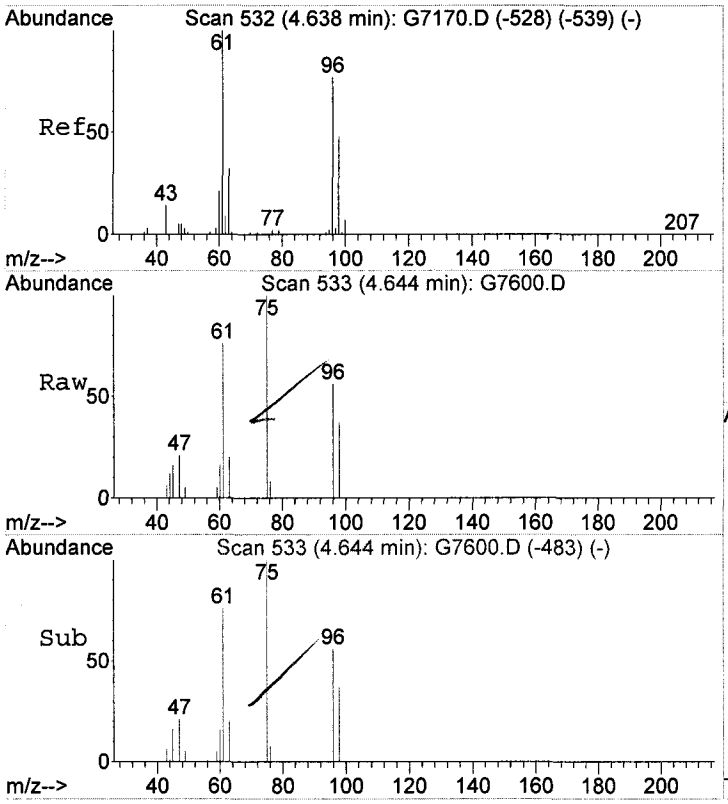


#20
C050 1,1-Dichloroethane
Concen: 6.25 ng
RT: 4.08 min Scan# 441
Delta R.T. 0.00 min
Lab File: G7600.D
Acq: 27 Dec 2005 15:08

Tgt Ion: 63 Resp: 13790

Ion	Ratio	Lower	Upper
63	100		
65	31.0	1.6	61.6
83	11.2	0.0	40.8

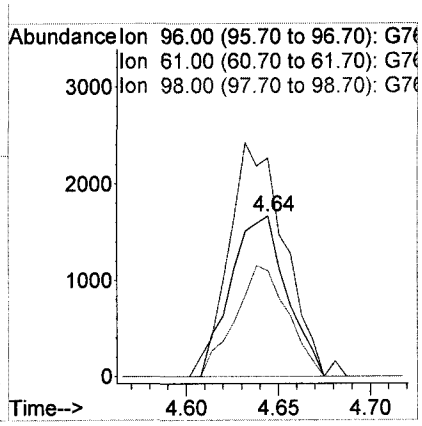


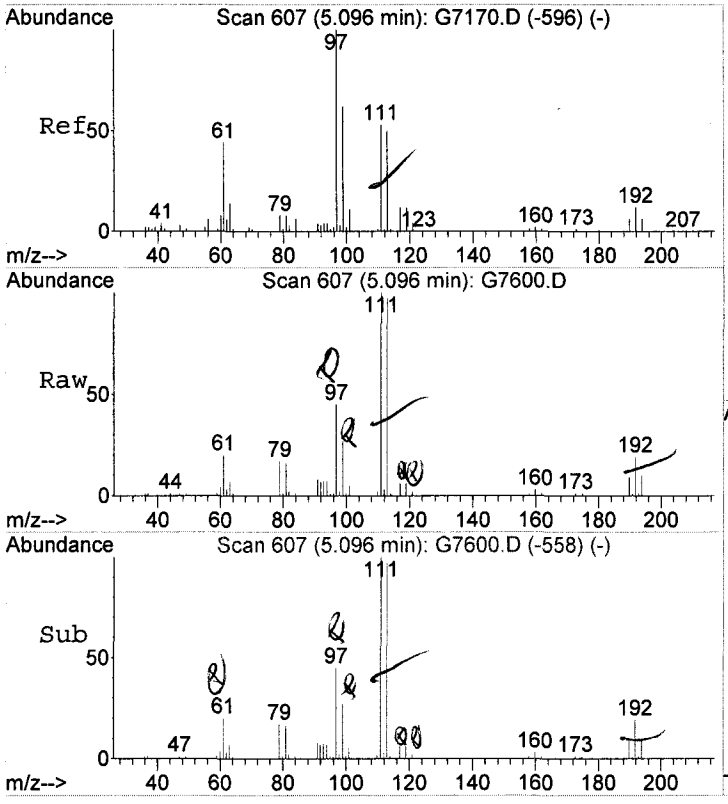


#23
C056 cis-1,2-Dichloroethene
Concen: 2.72 ng
RT: 4.64 min Scan# 533
Delta R.T. 0.01 min
Lab File: G7600.D
Acq: 27 Dec 2005 15:08

Tgt Ion: 96 Resp: 3503

Ion	Ratio	Lower	Upper
96	100		
61	136.0	107.7	167.7
98	66.1	36.9	96.9

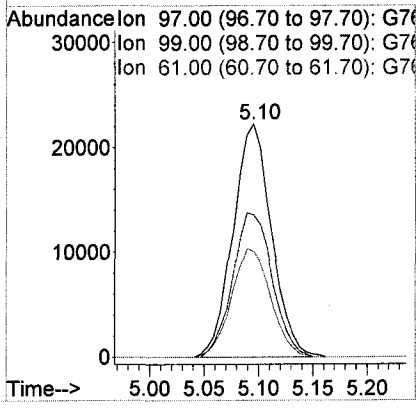


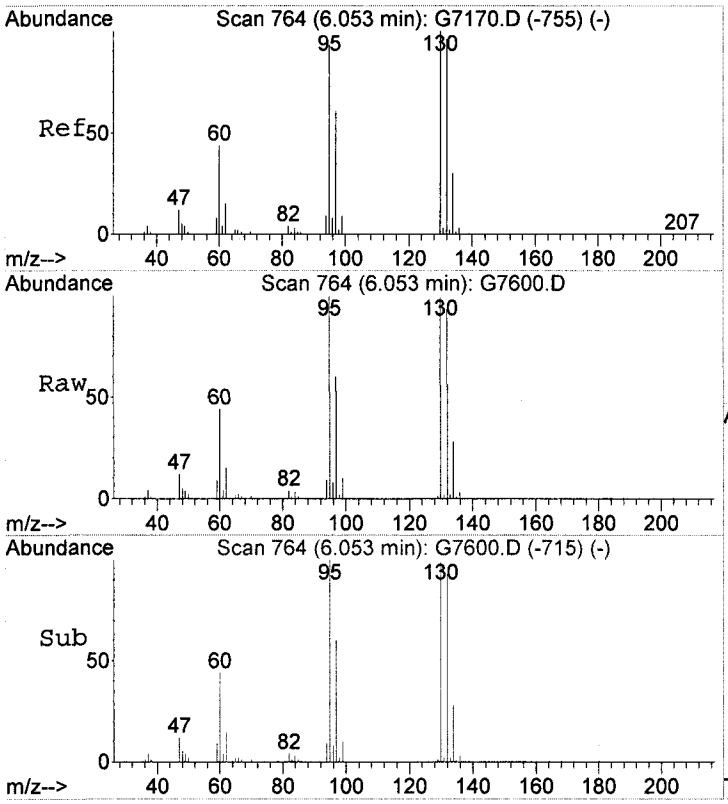


#28
C115 1,1,1-Trichloroethane
Concen: 29.78 ng
RT: 5.10 min Scan# 607
Delta R.T. 0.00 min
Lab File: G7600.D
Acq: 27 Dec 2005 15:08

Tgt Ion: 97 Resp: 54505

Ion	Ratio	Lower	Upper
97	100		
99	60.9	37.1	97.1
61	45.2	21.3	81.3

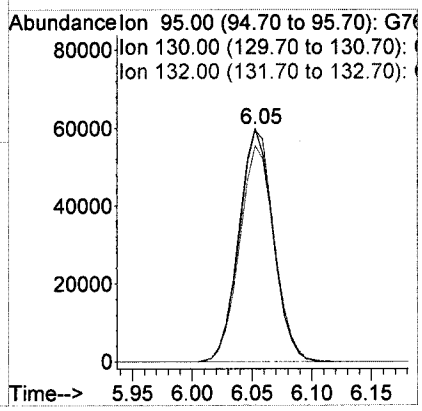


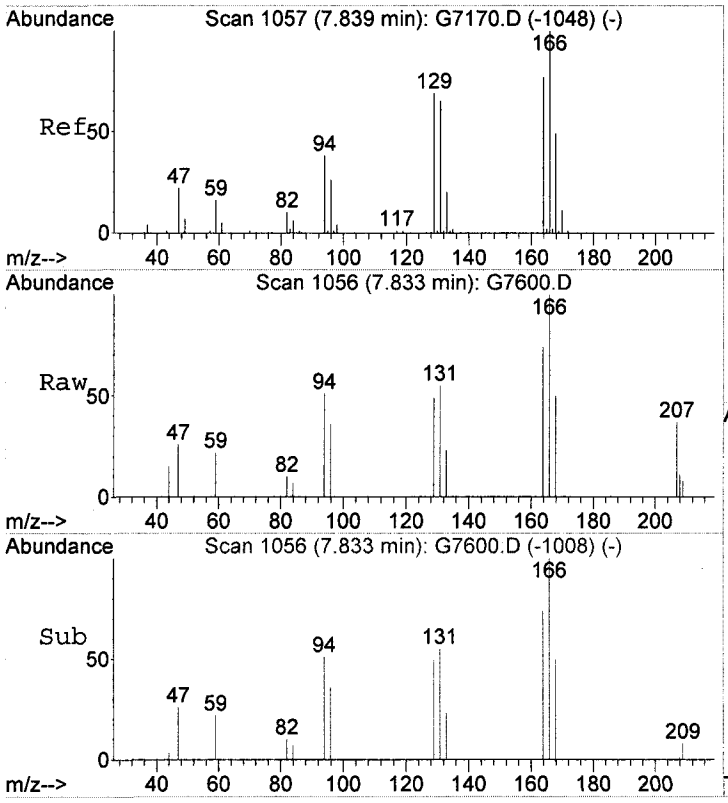


#36
C150 Trichloroethene
Concen: 95.14 ng
RT: 6.05 min Scan# 764
Delta R.T. 0.00 min
Lab File: G7600.D
Acq: 27 Dec 2005 15:08

Tgt Ion: 95 Resp: 118191

Ion	Ratio	Lower	Upper
95	100		
130	99.3	63.6	123.6
132	92.7	62.6	122.6

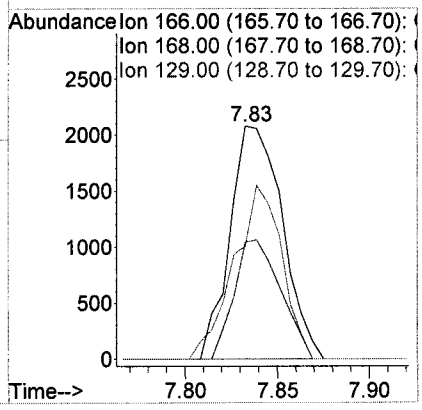




#50
C220 Tetrachloroethene
Concen: 3.06 ng
RT: 7.83 min Scan# 1056
Delta R.T. -0.01 min
Lab File: G7600.D
Acq: 27 Dec 2005 15:08

Tgt Ion:166 Resp: 4091

Ion	Ratio	Lower	Upper
166	100		
168	50.4	18.3	78.3
129	48.6	51.8	111.8#



METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.: P-10

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 1205GW

Matrix: (soil/water) WATER Lab Sample ID: A5E59211

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G7607.RR

Level: (low/med) LOW Date Samp/Recv: 12/22/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/27/2005

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	5.0	U
71-43-2	Benzene	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon Disulfide	1.0	U
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	1.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	1.0	U
110-82-7	Cyclohexane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-59-2	cis-1,2-Dichloroethene	16	
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
98-82-8	Isopropylbenzene	1.0	U
79-20-9	Methyl acetate	1.0	U
108-87-2	Methylcyclohexane	1.0	U
75-09-2	Methylene chloride	1.0	U

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.

P-10

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 1205GW

Matrix: (soil/water) WATER Lab Sample ID: A5E59211

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G7607.RR

Level: (low/med) LOW Date Samp/Recv: 12/22/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/27/2005

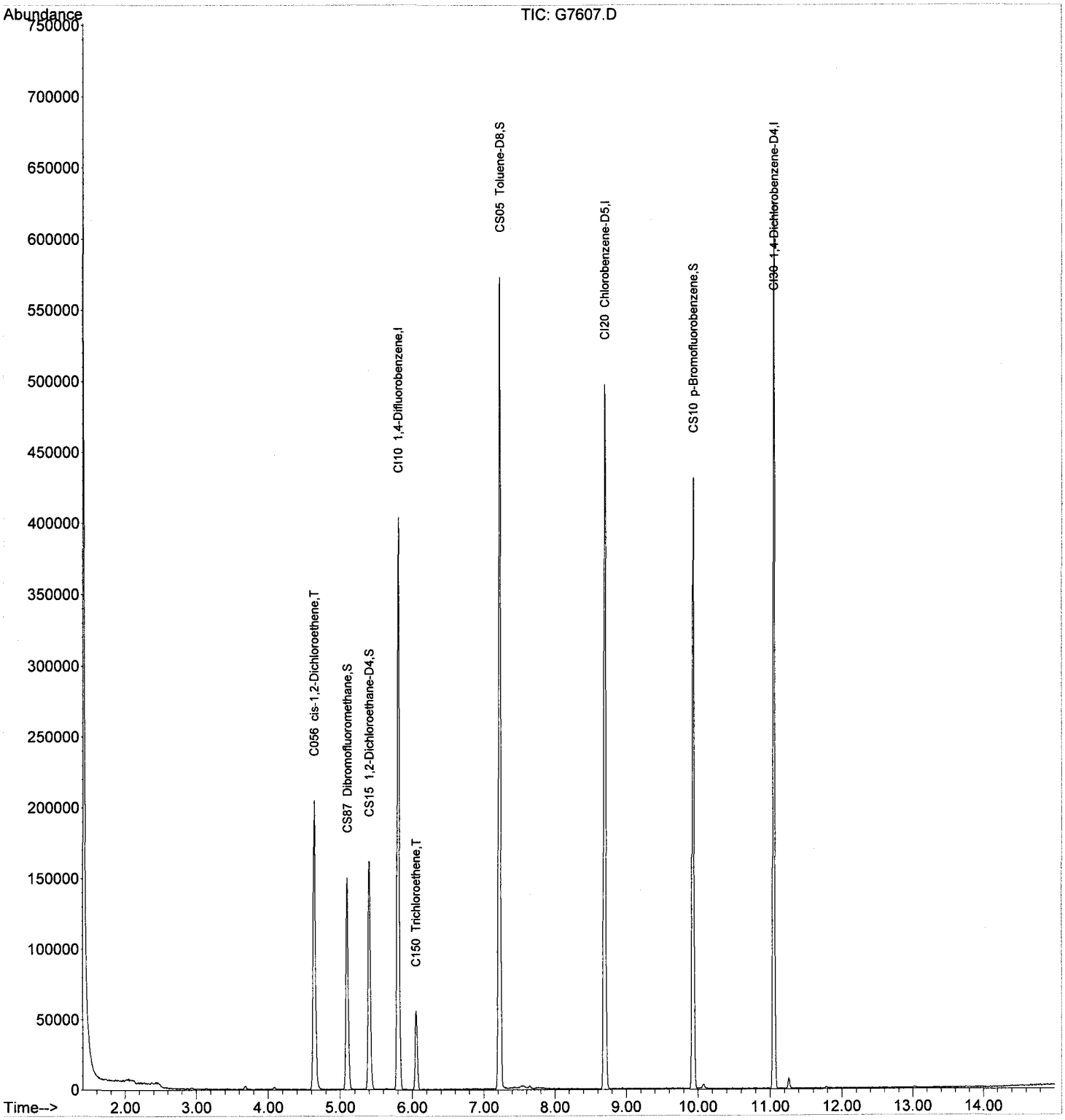
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	5.0	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	1.0	U
91-20-3	Naphthalene	1.0	U
100-42-5	Styrene	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
79-01-6	Trichloroethene	3.3	
75-01-4	Vinyl chloride	1.0	U
1330-20-7	Total Xylenes	3.0	U

Data File: C:\MSDCHEM\1\DATA\122705\G7607.D
Acq On : 27 Dec 2005 17:46
Sample : A5E59211
Misc :
Integrator: RTE
Quant Time: Dec 27 18:08:09 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 27 08:55:23 2005
Response via : Initial Calibration
Data Path : C:\MSDCHEM\1\DATA\122705\
Operator : TLC



Data File: C:\MSDCHEM\1\DATA\122705\G7607.D
Acq On : 27 Dec 2005 17:46
Sample : A5E59211
Misc :
Integrator: RTE
Quant Time: Dec 27 18:08:09 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 27 08:55:23 2005
Response via : Initial Calibration
Data Path : C:\MSDCHEM\1\DATA\122705\
Operator : TLC

SBE 12/27/05 TLC

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.80	114	350837	125.00	ng	0.00 93.74%
43) CI20	Chlorobenzene-D5	8.70	82	175844	125.00	ng	0.00 91.58%
63) CI30	1,4-Dichlorobenzene-	11.05	152	168240	125.00	ng	0.00 91.80%

System Monitoring Compounds							
26) CS87	Dibromofluoromethane	5.10	111	99153	112.90	NG	0.00
Spiked Amount	125.000	Range	70 - 130	Recovery	=	90.32%	
31) CS15	1,2-Dichloroethane-D	5.40	65	131073	116.05	ng	0.00
Spiked Amount	125.000	Range	73 - 136	Recovery	=	92.84%	
44) CS05	Toluene-D8	7.22	98	418724	118.09	ng	0.00
Spiked Amount	125.000	Range	77 - 122	Recovery	=	94.47%	
62) CS10	p-Bromofluorobenzene	9.94	174	125737	115.41	ng	0.00
Spiked Amount	125.000	Range	74 - 120	Recovery	=	92.33%	

Target Compounds							Qvalue
2) C290	Dichlorodifluorome	0.00	85	0	N.D.		
3) C010	Chloromethane	1.60	50	209	N.D.		
4) C020	Vinyl chloride	1.72	62	1549	N.D.		
5) C015	Bromomethane	2.11	94	56	N.D.		
6) C025	Chloroethane	0.00	64	0	N.D.		
7) C275	Trichlorofluoromet	0.00	101	0	N.D.		
8) C045	1,1-Dichloroethene	2.94	96	504	N.D.		
9) C030	Methylene chloride	3.43	84	68	N.D.		
10) C040	Carbon disulfide	3.14	76	469	N.D.		
11) C036	Acrolein	0.00	56	0	N.D.		
12) C038	Acrylonitrile	0.00	53	0	N.D.		
13) C035	Acetone	3.04	43	1091	N.D.		
14) C300	Acetonitrile	3.36	41	140	N.D.		
15) C276	Iodomethane	3.07	142	56	N.D.		
16) C291	1,1,2-Trichloro-1,	0.00	101	0	N.D.		
17) C962	T-butyl Methyl Eth	3.70	73	1073	N.D.		
18) C057	trans-1,2-Dichloro	3.69	96	941	N.D.		
19) C255	Methyl Acetate	3.38	43	57	N.D.		
20) C050	1,1-Dichloroethane	4.09	63	2192	N.D.		
21) C125	Vinyl Acetate	4.13	43	55	N.D.		
22) C051	2,2-Dichloropropan	4.66	77	57	N.D.		
23) C056	cis-1,2-Dichloroethe	4.64	96	100774	78.29	ng	97
24) C272	Tetrahydrofuran	4.99	42	61	N.D.		
25) C222	Bromochloromethane	0.00	128	0	N.D.		
27) C060	Chloroform	0.00	83	0	N.D.		
28) C115	1,1,1-Trichloroeth	5.10	97	2457	N.D.		
29) C120	Carbon tetrachlori	0.00	117	0	N.D.		
30) C116	1,1-Dichloropropen	0.00	75	0	N.D.		
32) C165	Benzene	5.44	78	1537	N.D.		
33) C065	1,2-Dichloroethane	0.00	62	0	N.D.		
34) C110	2-Butanone	4.69	43	574	N.D.		
35) C256	Cyclohexane	0.00	56	0	N.D.		
36) C150	Trichloroethene	6.05	95	20290	16.35	ng	87

1/6/2006

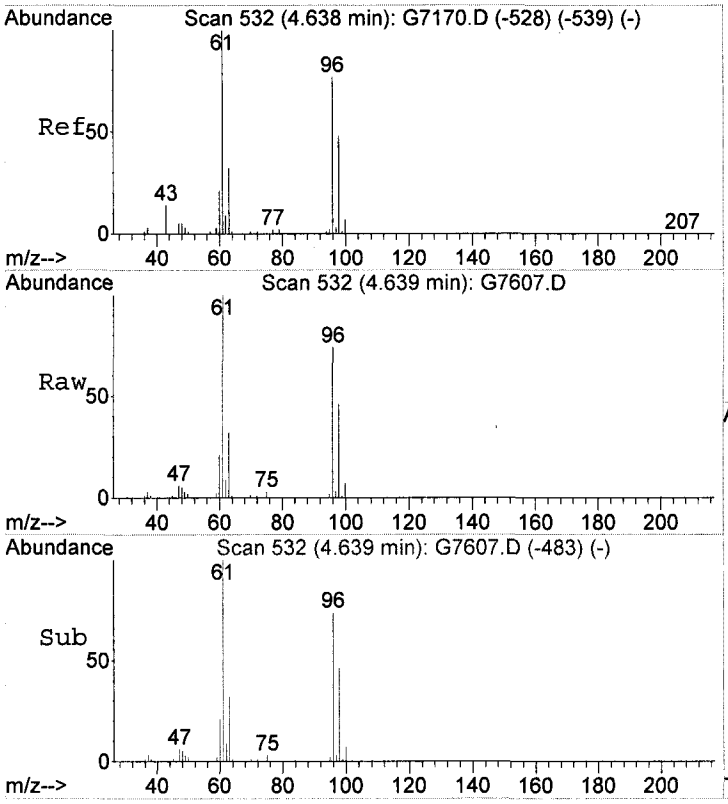
Data File: C:\MSDCHEM\1\DATA\122705\G7607.D
Acq On : 27 Dec 2005 17:46
Sample : A5E59211
Misc :
Integrator: RTE
Quant Time: Dec 27 18:08:09 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 27 08:55:23 2005
Response via : Initial Calibration
Data Path : C:\MSDCHEM\1\DATA\122705\
Operator : TLC

Internal Standards		R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
37) C140	1,2-Dichloropropan	0.00	63	0	N.D.	
38) C278	Dibromomethane	0.00	93	0	N.D.	
39) C130	Bromodichlorometha	0.00	83	0	N.D.	
40) C161	2-Chloroethylvinyl	6.85	63	308	N.D.	
41) C012	Methylcyclohexane	0.00	83	0	N.D.	
42) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.	
45) C230	Toluene	7.28	92	183	N.D.	
46) C170	trans-1,3-Dichloro	0.00	75	0	N.D.	
47) C284	Ethyl Methacrylate	0.00	69	0	N.D.	
48) C160	1,1,2-Trichloroeth	0.00	83	0	N.D.	
49) C210	4-Methyl-2-pentano	7.22	43	1999	N.D.	
50) C220	Tetrachloroethene	0.00	166	0	N.D.	
51) C221	1,3-Dichloropropan	0.00	76	0	N.D.	
52) C155	Dibromochlorometha	0.00	129	0	N.D.	
53) C163	1,2-Dibromoethane	0.00	107	0	N.D.	
54) C215	2-Hexanone	7.88	43	56	N.D.	
55) C235	Chlorobenzene	0.00	112	0	N.D.	
56) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.	
57) C240	Ethylbenzene	8.95	91	219	N.D.	
58) C246	m,p-Xylene	0.00	106	0	N.D.	
59) C247	o-Xylene	0.00	106	0	N.D.	
60) C245	Styrene	0.00	104	0	N.D.	
61) C180	Bromoform	0.00	173	0	N.D.	
64) C966	Isopropylbenzene	0.00	105	0	N.D.	
65) C301	Bromobenzene	0.00	156	0	N.D.	
66) C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.	
67) C282	1,2,3-Trichloropro	0.00	110	0	N.D.	
68) C283	t-1,4-Dichloro-2-B	0.00	51	0	N.D.	
69) C302	n-Propylbenzene	9.93	91	519	N.D.	
70) C303	2-Chlorotoluene	0.00	126	0	N.D.	
71) C289	4-Chlorotoluene	0.00	126	0	N.D.	
72) C304	1,3,5-Trimethylben	0.00	105	0	N.D.	
73) C306	tert-Butylbenzene	0.00	134	0	N.D.	
74) C307	1,2,4-Trimethylben	10.70	105	75	N.D.	
75) C308	sec-Butylbenzene	10.70	105	75	N.D.	
76) C260	1,3-Dichlorobenzen	0.00	146	0	N.D.	
77) C309	4-Isopropyltoluene	0.00	119	0	N.D.	
78) C267	1,4-Dichlorobenzen	0.00	146	0	N.D.	
79) C249	1,2-Dichlorobenzen	0.00	146	0	N.D.	
80) C310	n-Butylbenzene	0.00	91	0	N.D.	
81) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.	
82) C313	1,2,4-Trichloroben	0.00	180	0	N.D.	
83) C316	Hexachlorobutadien	0.00	225	0	N.D.	
84) C314	Naphthalene	13.02	128	988	N.D.	
85) C934	1,2,3-Trichloroben	0.00	180	0	N.D.	

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

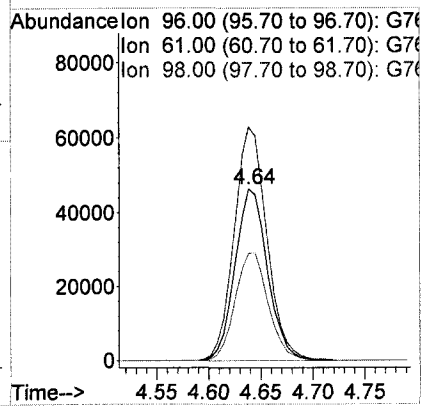
1/6/06

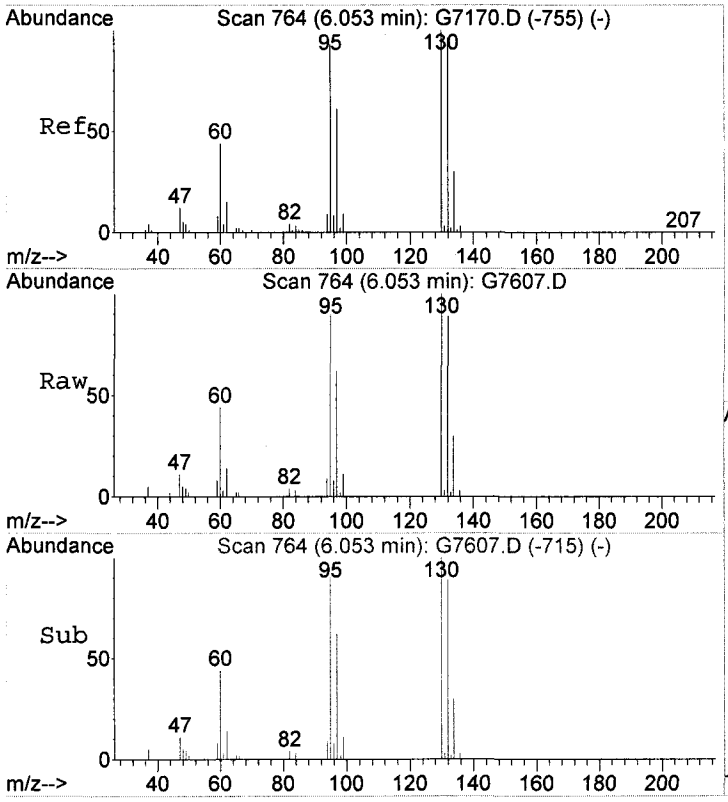


#23
C056 cis-1,2-Dichloroethene
Concen: 78.29 ng
RT: 4.64 min Scan# 532
Delta R.T. 0.00 min
Lab File: G7607.D
Acq: 27 Dec 2005 17:46

Tgt Ion: 96 Resp: 100774

Ion	Ratio	Lower	Upper
96	100		
61	135.3	107.7	167.7
98	62.5	36.9	96.9

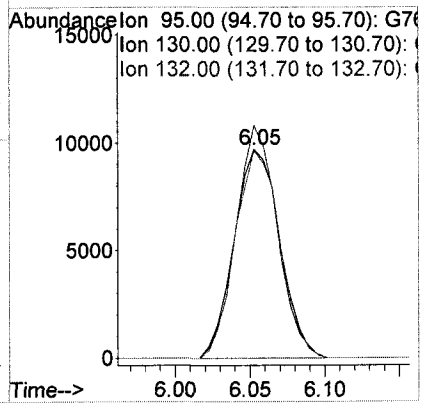




#36
C150 Trichloroethene
Concen: 16.35 ng
RT: 6.05 min Scan# 764
Delta R.T. 0.00 min
Lab File: G7607.D
Acq: 27 Dec 2005 17:46

Tgt Ion: 95 Resp: 20290

Ion	Ratio	Lower	Upper
95	100		
130	111.3	63.6	123.6
132	99.3	62.6	122.6



METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.

P-11

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 1205GW

Matrix: (soil/water) WATER Lab Sample ID: A5E59213

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G7609.RR

Level: (low/med) LOW Date Samp/Recv: 12/22/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/27/2005

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	5.0	U
71-43-2	Benzene	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon Disulfide	1.0	U
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	1.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	1.0	U
110-82-7	Cyclohexane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-59-2	cis-1,2-Dichloroethene	12	
156-60-5	trans-1,2-Dichloroethene	1.3	
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
98-82-8	Isopropylbenzene	1.0	U
79-20-9	Methyl acetate	1.0	U
108-87-2	Methylcyclohexane	1.0	U
75-09-2	Methylene chloride	1.0	U

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.

P-11

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 1205GW

Matrix: (soil/water) WATER Lab Sample ID: A5E59213

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G7609.RR

Level: (low/med) LOW Date Samp/Recv: 12/22/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/27/2005

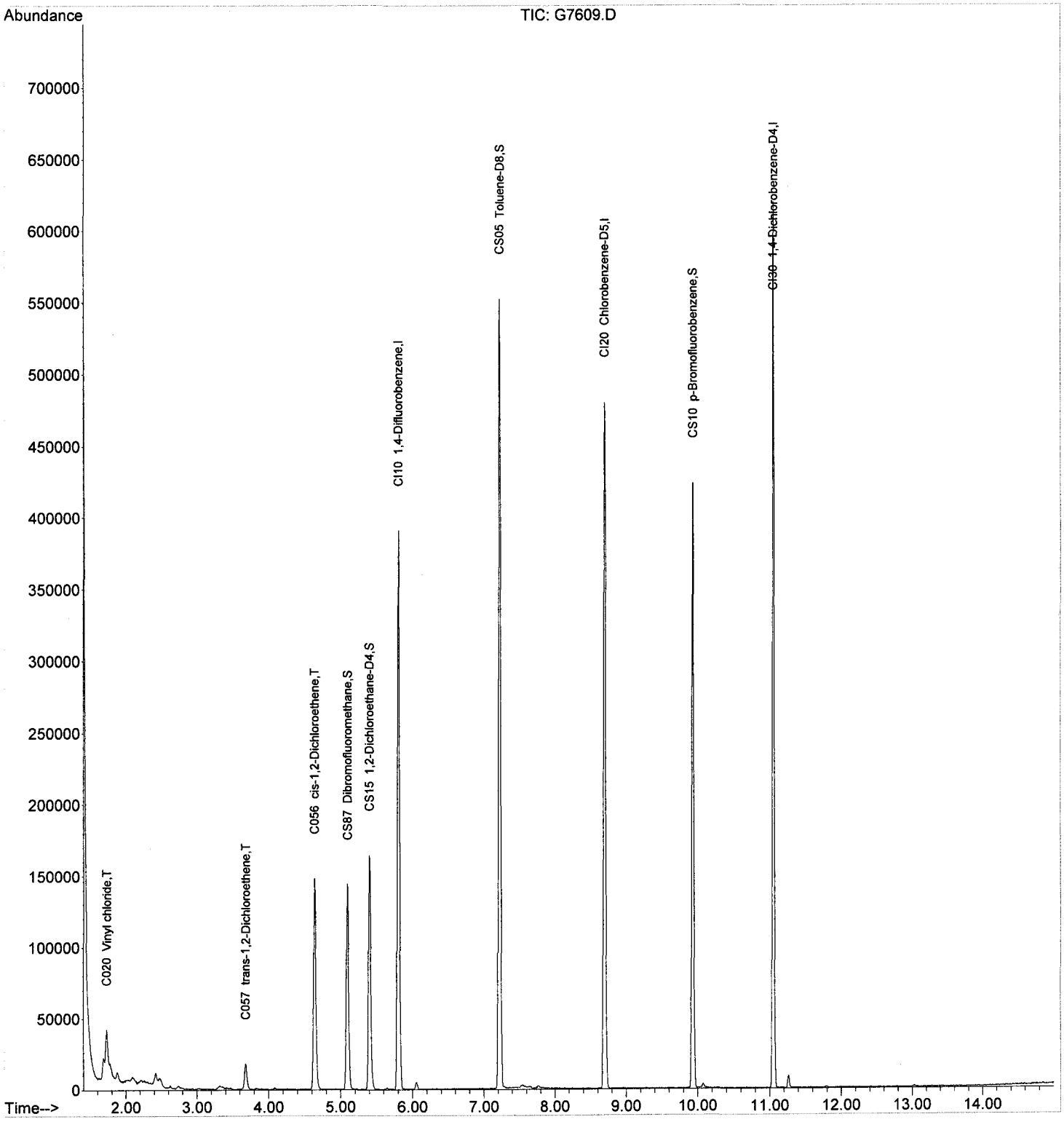
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	5.0	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	1.0	U
91-20-3	Naphthalene	1.0	U
100-42-5	Styrene	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
79-01-6	Trichloroethene	1.0	U
75-01-4	Vinyl chloride	7.4	
1330-20-7	Total Xylenes	3.0	U

Data File: C:\MSDCHEM\1\DATA\122705\G7609.D
Acq On : 27 Dec 2005 18:31
Sample : A5E59213
Misc :
Integrator: RTE
Quant Time: Dec 27 19:24:49 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 27 08:55:23 2005
Response via : Initial Calibration
Data Path : C:\MSDCHEM\1\DATA\122705\
Operator : TLC



Data File: C:\MSDCHEM\1\DATA\122705\G7609.D
Acq On : 27 Dec 2005 18:31
Sample : A5E59213
Misc :
Integrator: RTE
Quant Time: Dec 27 19:24:49 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 27 08:55:23 2005
Response via : Initial Calibration
Data Path : C:\MSDCHEM\1\DATA\122705\
Operator : TLC

SK 12/27/05 TLC

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10 1,4-Difluorobenzene	5.80	114	345155	125.00	ng	0.00 92.22%
43) CI20 Chlorobenzene-D5	8.70	82	173809	125.00	ng	0.00 90.52%
63) CI30 1,4-Dichlorobenzene-	11.06	152	167063	125.00	ng	0.00 91.16%
System Monitoring Compounds						
26) CS87 Dibromofluoromethane	5.10	111	99714	115.41	NG	0.00
Spiked Amount 125.000	Range 70 - 130		Recovery = 92.33%			
31) CS15 1,2-Dichloroethane-D	5.40	65	130261	117.23	ng	0.00
Spiked Amount 125.000	Range 73 - 136		Recovery = 93.78%			
44) CS05 Toluene-D8	7.22	98	407267	116.20	ng	0.00
Spiked Amount 125.000	Range 77 - 122		Recovery = 92.96%			
62) CS10 p-Bromofluorobenzene	9.94	174	124348	115.47	ng	0.00
Spiked Amount 125.000	Range 74 - 120		Recovery = 92.38%			
Target Compounds						Qvalue
2) C290 Dichlorodifluorome	0.00	85	0	N.D.		
3) C010 Chloromethane	1.60	50	93	N.D.		
4) C020 Vinyl chloride	1.73	62	52729	37.10	ng	95
5) C015 Bromomethane	0.00	94	0	N.D.		
6) C025 Chloroethane	0.00	64	0	N.D.		
7) C275 Trichlorofluoromet	0.00	101	0	N.D.		
8) C045 1,1-Dichloroethene	0.00	96	0	N.D.		
9) C030 Methylene chloride	3.44	84	278	N.D.		
10) C040 Carbon disulfide	3.14	76	665	N.D.		
11) C036 Acrolein	0.00	56	0	N.D.		
12) C038 Acrylonitrile	0.00	53	0	N.D.		
13) C035 Acetone	3.04	43	1282	N.D.		
14) C300 Acetonitrile	3.32	41	1703	N.D.		
15) C276 Iodomethane	3.08	142	188	N.D.		
16) C291 1,1,2-Trichloro-1,	0.00	101	0	N.D.		
17) C962 T-butyl Methyl Eth	3.70	73	3749	N.D.		
18) C057 trans-1,2-Dichloroet	3.68	96	7401	6.50	ng #	48
19) C255 Methyl Acetate	3.36	43	68	N.D.		
20) C050 1,1-Dichloroethane	4.08	63	1532	N.D.		
21) C125 Vinyl Acetate	0.00	43	0	N.D.		
22) C051 2,2-Dichloropropan	4.66	77	62	N.D.		
23) C056 cis-1,2-Dichloroethe	4.64	96	73618	58.13	ng	97
24) C272 Tetrahydrofuran	0.00	42	0	N.D.		
25) C222 Bromochloromethane	0.00	128	0	N.D.		
27) C060 Chloroform	0.00	83	0	N.D.		
28) C115 1,1,1-Trichloroeth	0.00	97	0	N.D.		
29) C120 Carbon tetrachlori	0.00	117	0	N.D.		
30) C116 1,1-Dichloropropen	0.00	75	0	N.D.		
32) C165 Benzene	5.44	78	3555	N.D.		
33) C065 1,2-Dichloroethane	0.00	62	0	N.D.		
34) C110 2-Butanone	4.68	43	545	N.D.		
35) C256 Cyclohexane	5.16	56	125	N.D.		
36) C150 Trichloroethene	6.05	95	1916	N.D.		

mp 1/6/06

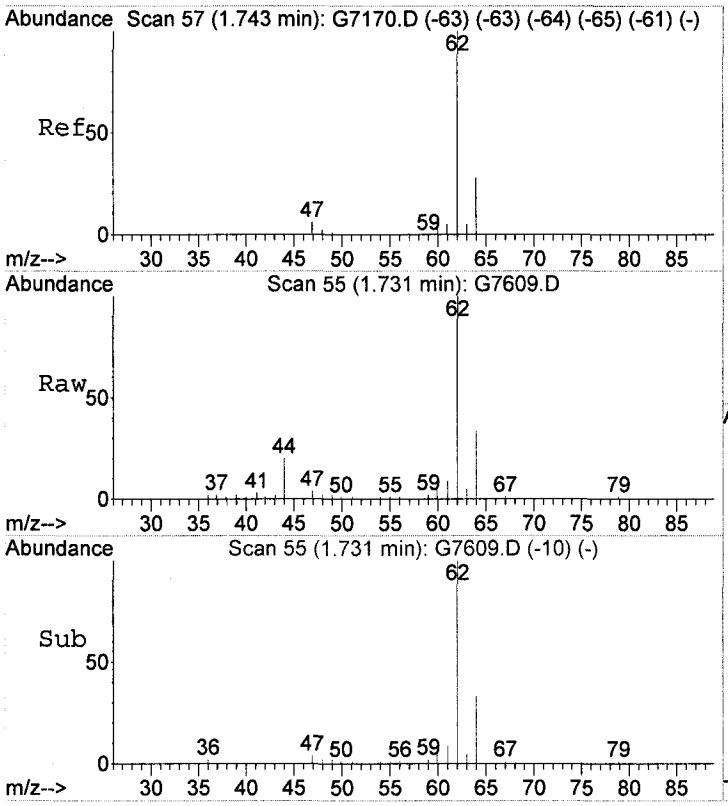
Data File: C:\MSDCHEM\1\DATA\122705\G7609.D
Acq On : 27 Dec 2005 18:31
Sample : A5E59213
Misc :
Integrator: RTE
Quant Time: Dec 27 19:24:49 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 27 08:55:23 2005
Response via : Initial Calibration
Data Path : C:\MSDCHEM\1\DATA\122705\
Operator : TLC

Internal Standards		R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
37) C140	1,2-Dichloropropan	0.00	63	0	N.D.	
38) C278	Dibromomethane	0.00	93	0	N.D.	
39) C130	Bromodichlorometha	0.00	83	0	N.D.	
40) C161	2-Chloroethylvinyl	0.00	63	0	N.D.	
41) C012	Methylcyclohexane	0.00	83	0	N.D.	
42) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.	
45) C230	Toluene	7.28	92	290	N.D.	
46) C170	trans-1,3-Dichloro	0.00	75	0	N.D.	
47) C284	Ethyl Methacrylate	0.00	69	0	N.D.	
48) C160	1,1,2-Trichloroeth	0.00	83	0	N.D.	
49) C210	4-Methyl-2-pentano	7.22	43	2086	N.D.	
50) C220	Tetrachloroethene	0.00	166	0	N.D.	
51) C221	1,3-Dichloropropan	0.00	76	0	N.D.	
52) C155	Dibromochlorometha	0.00	129	0	N.D.	
53) C163	1,2-Dibromoethane	0.00	107	0	N.D.	
54) C215	2-Hexanone	7.77	43	1052	N.D.	
55) C235	Chlorobenzene	0.00	112	0	N.D.	
56) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.	
57) C240	Ethylbenzene	8.84	91	59	N.D.	
58) C246	m,p-Xylene	0.00	106	0	N.D.	
59) C247	o-Xylene	0.00	106	0	N.D.	
60) C245	Styrene	0.00	104	0	N.D.	
61) C180	Bromoform	0.00	173	0	N.D.	
64) C966	Isopropylbenzene	9.94	105	64	N.D.	
65) C301	Bromobenzene	0.00	156	0	N.D.	
66) C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.	
67) C282	1,2,3-Trichloropro	0.00	110	0	N.D.	
68) C283	t-1,4-Dichloro-2-B	0.00	51	0	N.D.	
69) C302	n-Propylbenzene	9.93	91	488	N.D.	
70) C303	2-Chlorotoluene	0.00	126	0	N.D.	
71) C289	4-Chlorotoluene	0.00	126	0	N.D.	
72) C304	1,3,5-Trimethylben	0.00	105	0	N.D.	
73) C306	tert-Butylbenzene	0.00	134	0	N.D.	
74) C307	1,2,4-Trimethylben	10.86	105	59	N.D.	
75) C308	sec-Butylbenzene	10.86	105	59	N.D.	
76) C260	1,3-Dichlorobenzen	0.00	146	0	N.D.	
77) C309	4-Isopropyltoluene	11.01	119	144	N.D.	
78) C267	1,4-Dichlorobenzen	0.00	146	0	N.D.	
79) C249	1,2-Dichlorobenzen	0.00	146	0	N.D.	
80) C310	n-Butylbenzene	0.00	91	0	N.D.	
81) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.	
82) C313	1,2,4-Trichloroben	0.00	180	0	N.D.	
83) C316	Hexachlorobutadien	0.00	225	0	N.D.	
84) C314	Naphthalene	13.03	128	1286	N.D.	
85) C934	1,2,3-Trichloroben	0.00	180	0	N.D.	

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

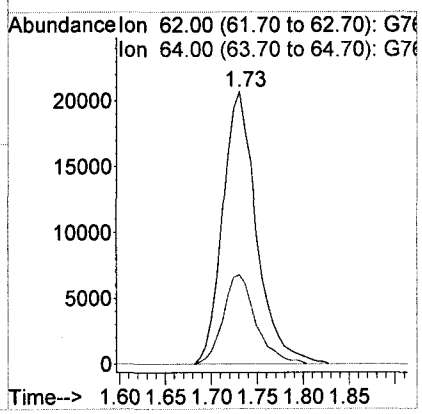
1/6/06

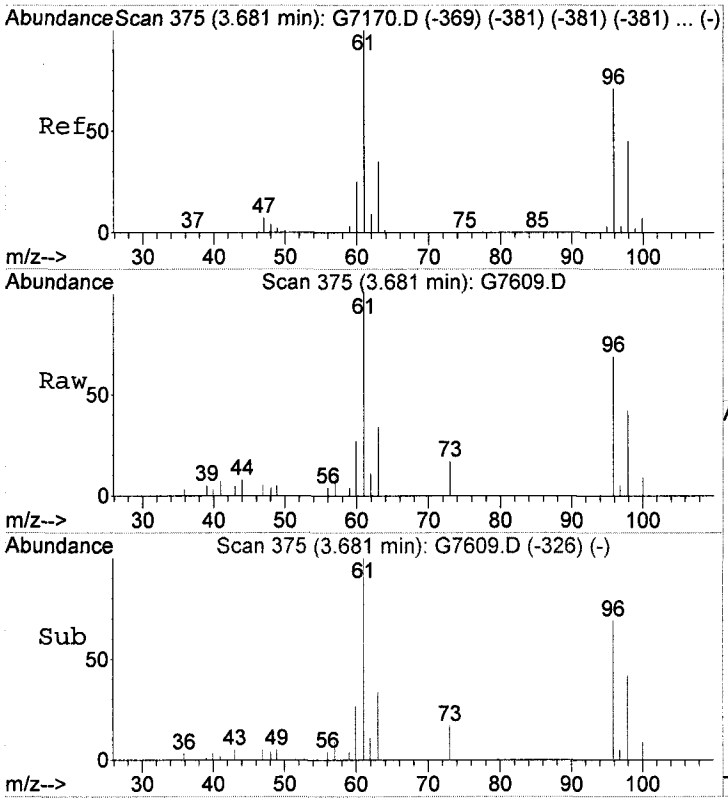


#4
C020 Vinyl chloride
Concen: 37.10 ng
RT: 1.73 min Scan# 55
Delta R.T. -0.02 min
Lab File: G7609.D
Acq: 27 Dec 2005 18:31

Tgt Ion: 62 Resp: 52729

Ion	Ratio	Lower	Upper
62	100		
64	32.7	0.0	59.9

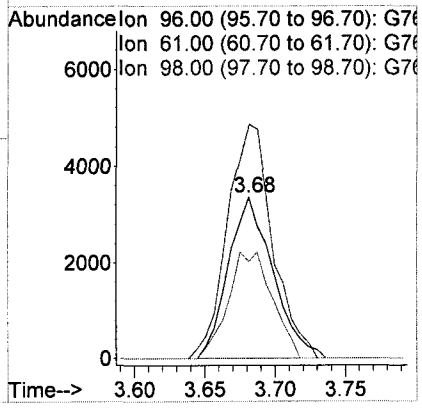


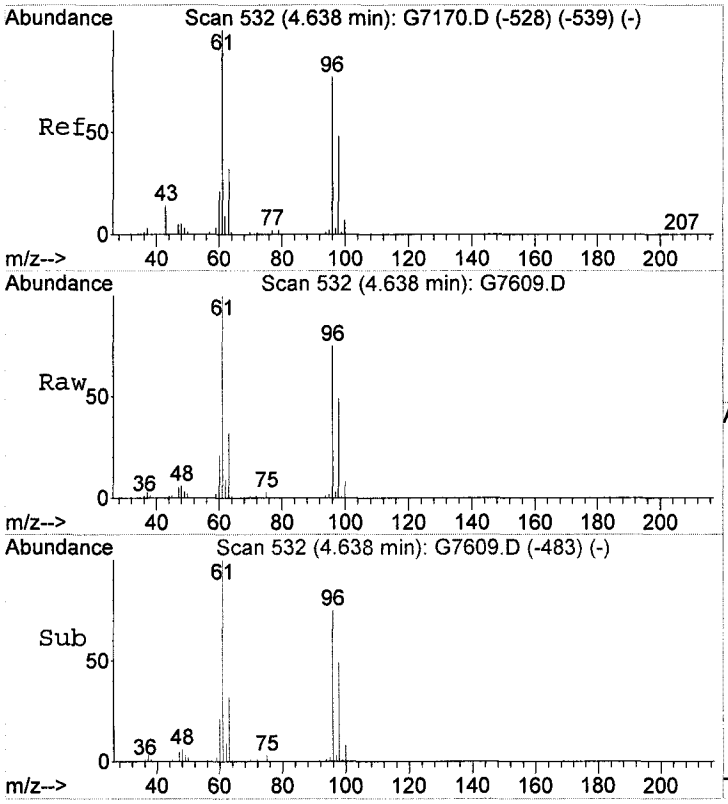


#18
C057 trans-1,2-Dichloroethene
Concen: 6.50 ng
RT: 3.68 min Scan# 375
Delta R.T. 0.00 min
Lab File: G7609.D
Acq: 27 Dec 2005 18:31

Tgt Ion: 96 Resp: 7401

Ion	Ratio	Lower	Upper
96	100		
61	144.7	215.5	275.5#
98	60.3	65.5	125.5#

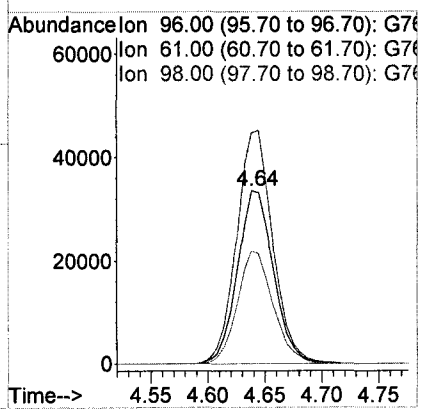




#23
C056 cis-1,2-Dichloroethene
Concen: 58.13 ng
RT: 4.64 min Scan# 532
Delta R.T. 0.00 min
Lab File: G7609.D
Acq: 27 Dec 2005 18:31

Tgt Ion: 96 Resp: 73618

Ion	Ratio	Lower	Upper
96	100		
61	133.2	107.7	167.7
98	65.2	36.9	96.9



Standards

METHOD 8260 - AQUEOUS (30% RSD/ 20% D)
INITIAL CALIBRATION DATA

Lab Name: STL Buffalo Contract: 4 Lab Sample ID: A5I0002430-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: 1205GW

Intrument ID: HP5973G Calibration Dates(s): 12/20/2005 12/20/2005

Heated Purge (Y/N): N Calibration Times: 11:27 14:25

GC Column: DB-624 ID: 0.18(mm)

Lab File ID: RRF1 = G7411.RR RRF10 = G7409.RR
RRF25 = G7408.RR RRF50 = G7406.RR RRF100 = G7407.RR

COMPOUND	RRF1	RRF10	RRF25	RRF50	RRF100	AVG RRF	% RSD
Chloromethane	0.659	0.529	0.490	0.505	0.492	0.5350	13.300
Bromomethane	0.343	0.234	0.214	0.214	0.212	0.2430	23.100
Vinyl chloride	0.593	0.518	0.481	0.500	0.483	0.5150	9.000
Chloroethane	0.363	0.254	0.254	0.258	0.262	0.2780	17.100
Methylene chloride	0.774	0.472	0.438	0.421	0.414	0.5040	30.300
Acetone	0.151	0.135	0.131	0.132	0.129	0.1360	6.600
Carbon Disulfide	1.203	1.103	1.022	1.034	1.019	1.0760	7.300
1,1-Dichloroethene	0.404	0.380	0.360	0.349	0.344	0.3670	6.700
1,1-Dichloroethane	0.833	0.808	0.778	0.757	0.748	0.7850	4.600
cis-1,2-Dichloroethene	0.495	0.475	0.457	0.439	0.427	0.4590	5.900
trans-1,2-Dichloroethene	0.450	0.434	0.410	0.393	0.375	0.4120	7.400
Chloroform	0.813	0.775	0.752	0.733	0.718	0.7580	5.000
1,2-Dichloroethane	0.651	0.648	0.635	0.628	0.619	0.6360	2.100
2-Butanone	0.233	0.222	0.211	0.212	0.205	0.2170	5.000
1,1,1-Trichloroethane	0.671	0.673	0.653	0.635	0.625	0.6510	3.300
Carbon Tetrachloride	0.548	0.563	0.548	0.539	0.540	0.5470	1.700
Bromodichloromethane	0.523	0.525	0.526	0.527	0.531	0.5260	0.600
1,2-Dichloropropane	0.488	0.460	0.445	0.446	0.443	0.4560	4.100
cis-1,3-Dichloropropene	0.659	0.693	0.681	0.674	0.683	0.6780	1.800
Trichloroethene	0.466	0.459	0.438	0.425	0.422	0.4420	4.500
Dibromochloromethane	0.702	0.720	0.741	0.758	0.780	0.7400	4.100
1,1,2-Trichloroethane	0.658	0.640	0.623	0.614	0.610	0.6290	3.200
Benzene	1.857	1.772	1.703	1.657	1.614	1.7200	5.600
trans-1,3-Dichloropropene	1.132	1.272	1.280	1.288	1.301	1.2540	5.500
Bromoform	0.351	0.423	0.442	0.468	0.490	0.4350	12.200
4-Methyl-2-pentanone	0.928	0.968	0.937	0.927	0.893	0.9310	2.900
2-Hexanone	0.670	0.689	0.664	0.659	0.639	0.6640	2.700
Tetrachloroethene	0.994	0.970	0.956	0.897	0.878	0.9390	5.200
1,1,2,2-Tetrachloroethane	1.021	1.046	1.021	1.013	1.026	1.0250	1.200
Toluene	2.370	2.257	2.229	2.128	2.091	2.2150	5.000
Chlorobenzene	2.677	2.558	2.508	2.391	2.357	2.4980	5.200
Ethylbenzene	4.407	4.382	4.271	4.075	3.962	4.2190	4.600
Styrene	2.517	2.628	2.637	2.555	2.517	2.5710	2.300
Total Xylenes	1.687	1.686	1.626	1.555	1.528	1.6170	4.500
1,1,2-Trichloro-1,2,2-trifl	0.359	0.401	0.379	0.402	0.382	0.3840	4.600
1,2,4-Trichlorobenzene	2.123	1.626	1.392	1.363	1.345	1.5700	21.000
1,2-Dibromo-3-chloropropane	0.164	0.180	0.182	0.191	0.203	0.1840	7.800

METHOD 8260 - AQUEOUS (30% RSD/ 20% D)
INITIAL CALIBRATION DATA

Lab Name: STL Buffalo Contract: 4 Lab Sample ID: A5I0002430-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: 1205GW

Intrument ID: HP5973G Calibration Dates(s): 12/20/2005 12/20/2005

Heated Purge (Y/N): N Calibration Times: 11:27 14:25

GC Column: DB-624 ID: 0.18(mm)

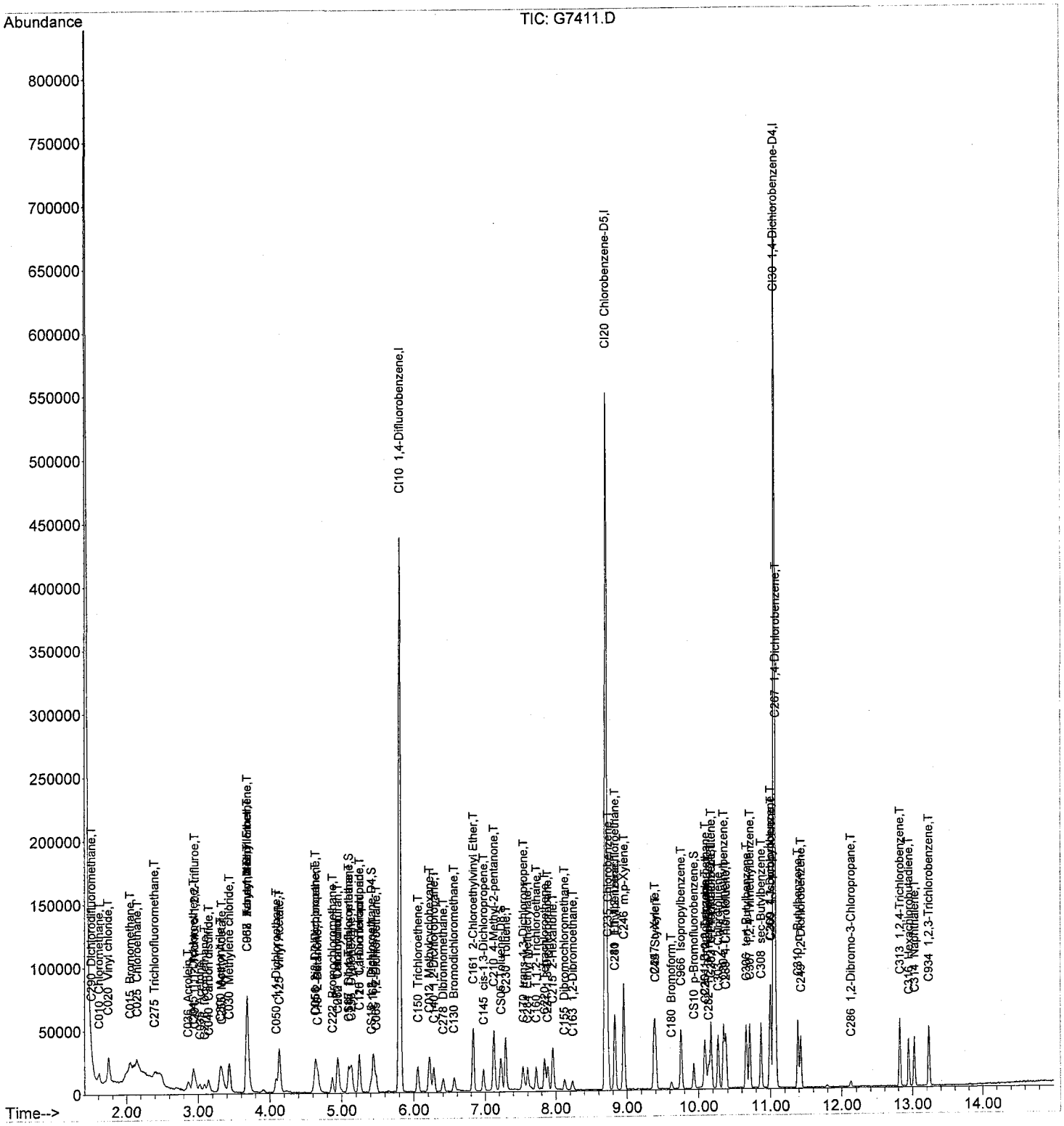
Lab File ID: RRF1 = G7411.RR RRF10 = G7409.RR
RRF25 = G7408.RR RRF50 = G7406.RR RRF100 = G7407.RR

COMPOUND	RRF1	RRF10	RRF25	RRF50	RRF100	AVG RRF	% RSD
1,2-Dibromoethane	0.766	0.758	0.761	0.753	0.745	0.7570	1.000
1,2-Dichlorobenzene	2.272	2.127	2.053	1.989	1.980	2.0840	5.800
1,3-Dichlorobenzene	2.288	2.197	2.104	2.004	1.966	2.1120	6.300
1,4-Dichlorobenzene	2.378	2.243	2.158	2.083	2.082	2.1890	5.700
Cyclohexane	0.753	0.786	0.754	0.776	0.741	0.7620	2.400
Dichlorodifluoromethane	0.472	0.426	0.395	0.425	0.399	0.4230	7.300
Methyl acetate	0.736	0.605	0.587	0.550	0.539	0.6030	13.100
Naphthalene	3.964	3.499	2.866	2.974	2.978	3.2560	14.300
Trichlorofluoromethane	0.645	0.589	0.540	0.574	0.548	0.5790	7.200
Methyl-t-Butyl Ether (MTBE)	1.354	1.375	1.314	1.314	1.262	1.3240	3.300
Isopropylbenzene	4.499	4.656	4.458	4.245	4.281	4.4280	3.800
Methylcyclohexane	0.792	0.844	0.824	0.849	0.805	0.8230	3.000
Toluene-D8	2.368	2.705	2.415	2.434	2.681	2.5210	6.300
p-Bromofluorobenzene	0.739	0.828	0.743	0.743	0.820	0.7740	5.800
1,2-Dichloroethane-D4	0.378	0.427	0.375	0.392	0.440	0.4020	7.300

Comments:

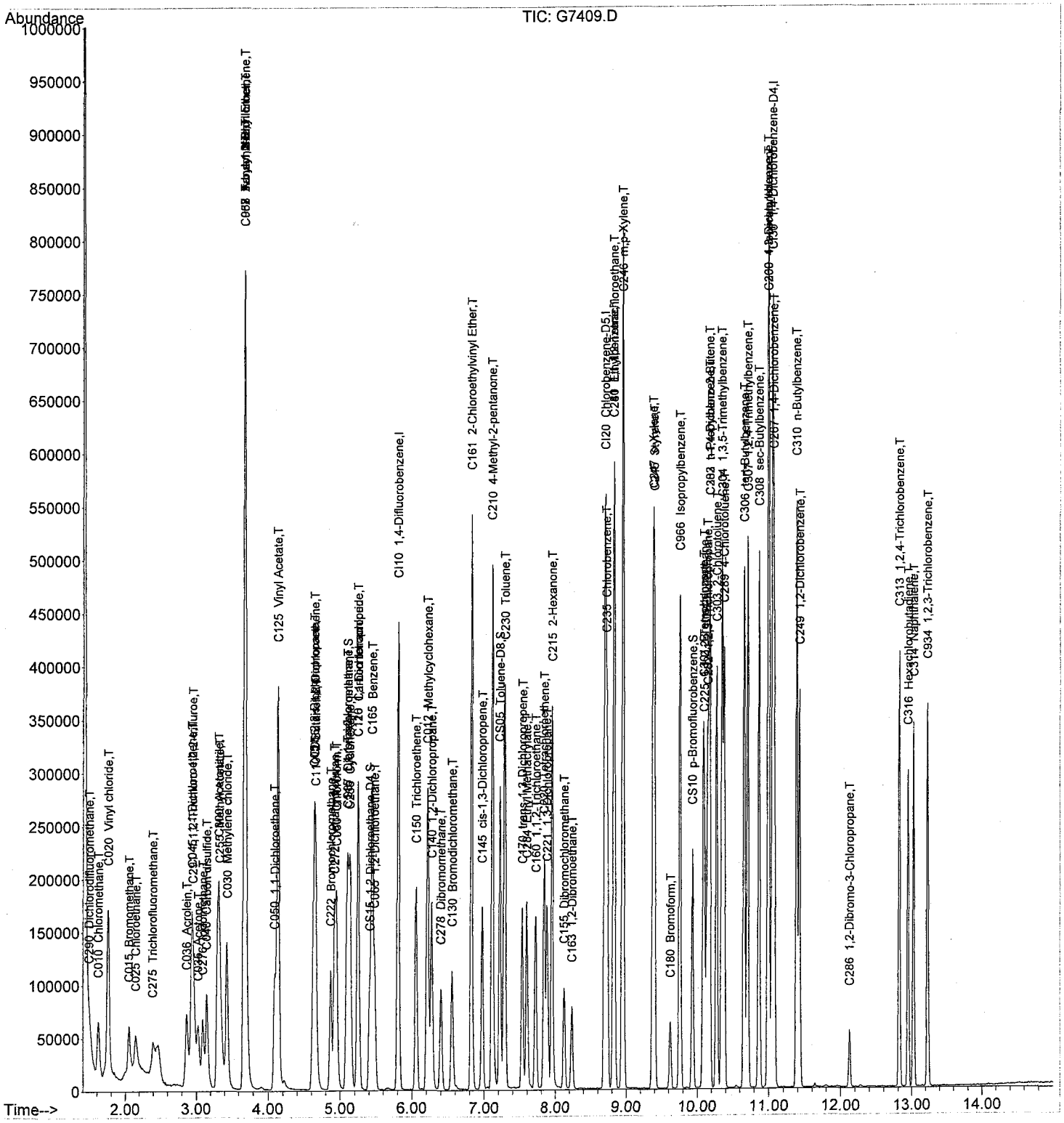
Data File: C:\MSDCHEM\1\DATA\122005\G7411.D
Acq On : 20 Dec 2005 14:25
Sample : VSTD001
Misc :
Integrator: RTE
Quant Time: Dec 20 14:58:13 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 20 14:56:38 2005
Response via : Initial Calibration
Data Path : C:\MSDCHEM\1\DATA\122005\
Operator : LH/TRB



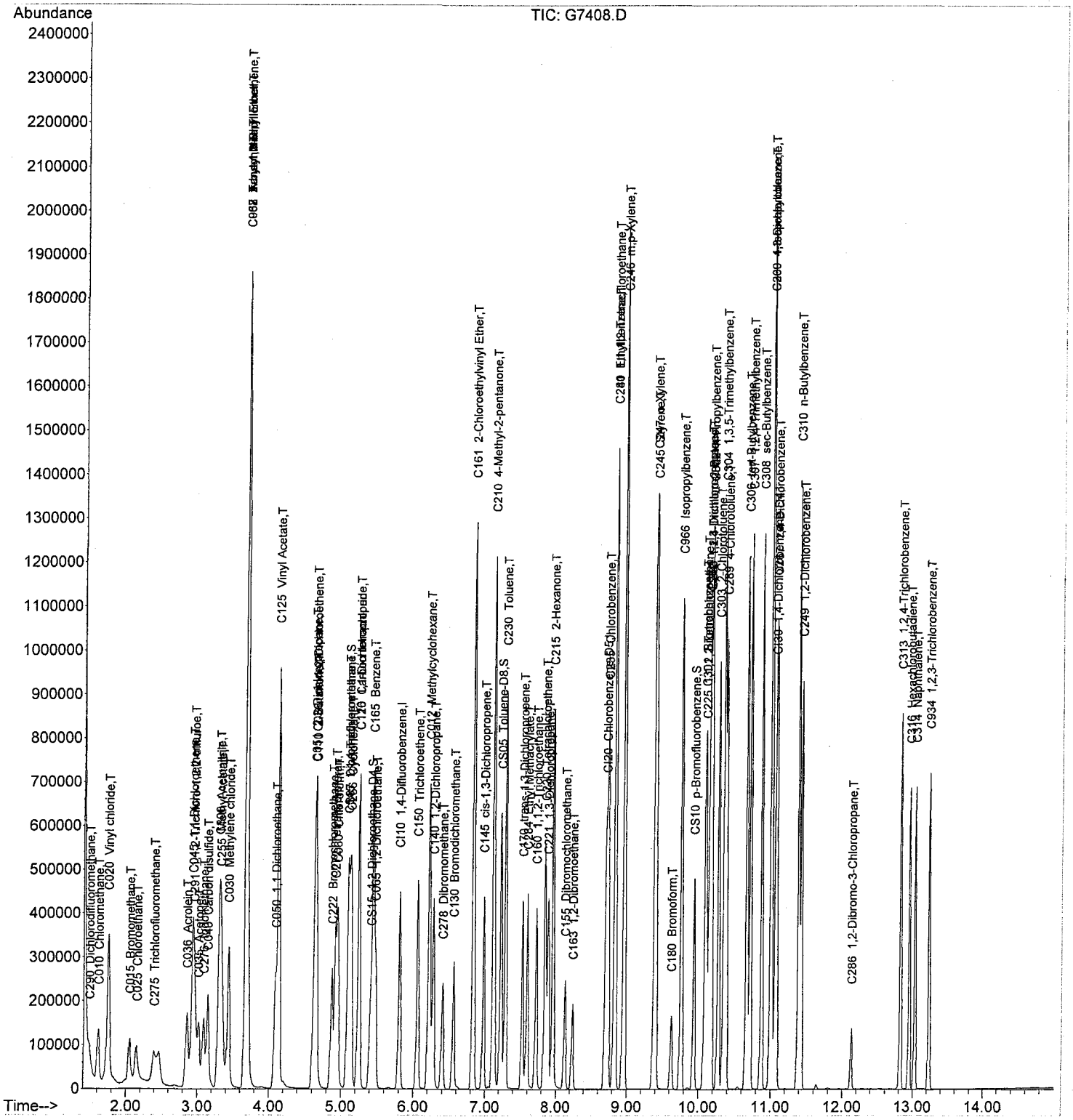
Data File: C:\MSDCHEM\1\DATA\122005\G7409.D
Acq On : 20 Dec 2005 13:40
Sample : VSTD010
Misc :
Integrator: RTE
Quant Time: Dec 20 15:02:57 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 20 14:56:38 2005
Response via : Initial Calibration
Data Path : C:\MSDCHEM\1\DATA\122005\
Operator : LH/TRB



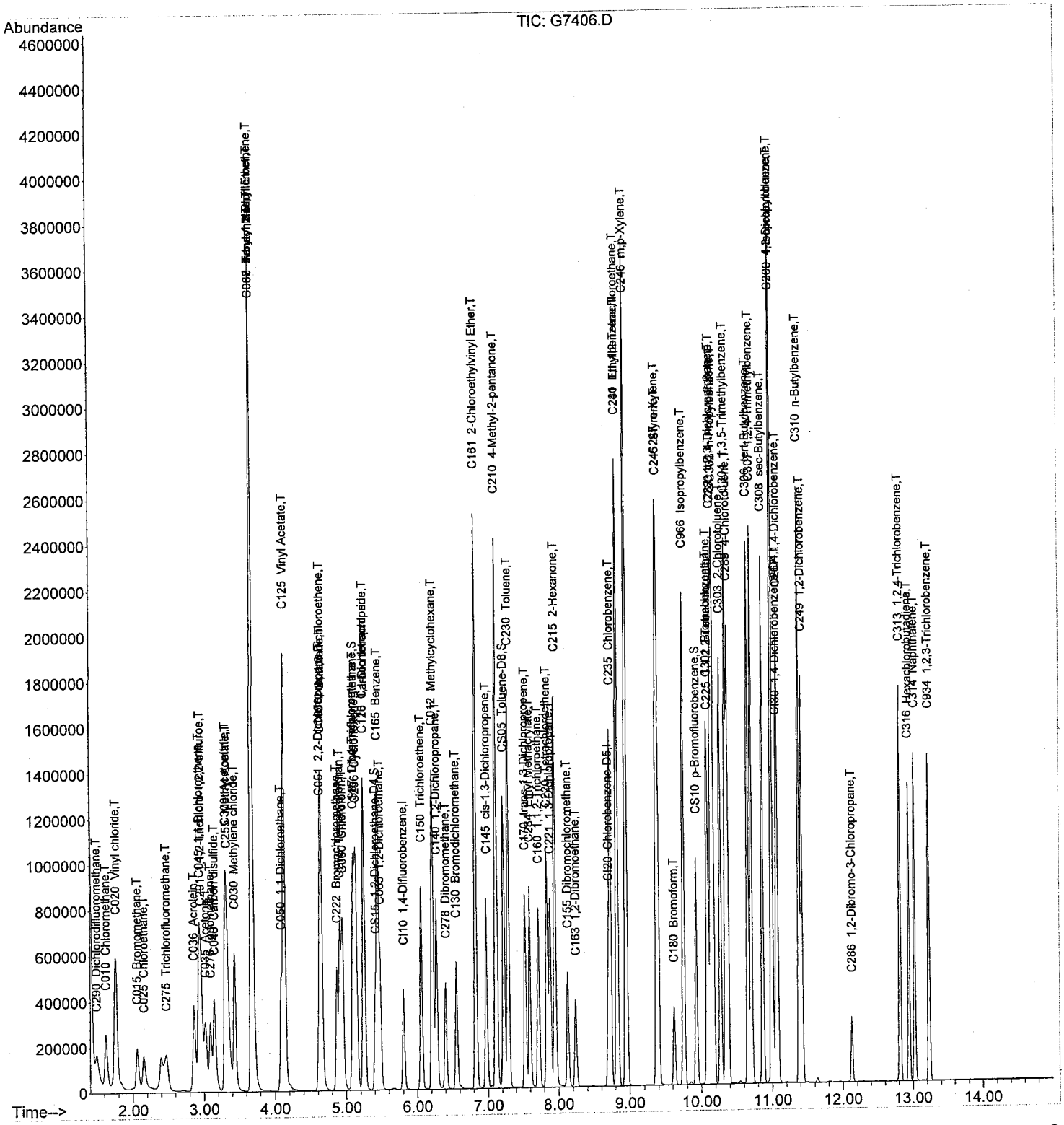
Data File: C:\MSDCHEM\1\DATA\122005\G7408.D
Acq On : 20 Dec 2005 13:18
Sample : VSTD025
Misc :
Integrator: RTE
Quant Time: Dec 20 15:01:38 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 20 14:56:38 2005
Response via : Initial Calibration
Data Path : C:\MSDCHEM\1\DATA\122005\
Operator : LH/TRB



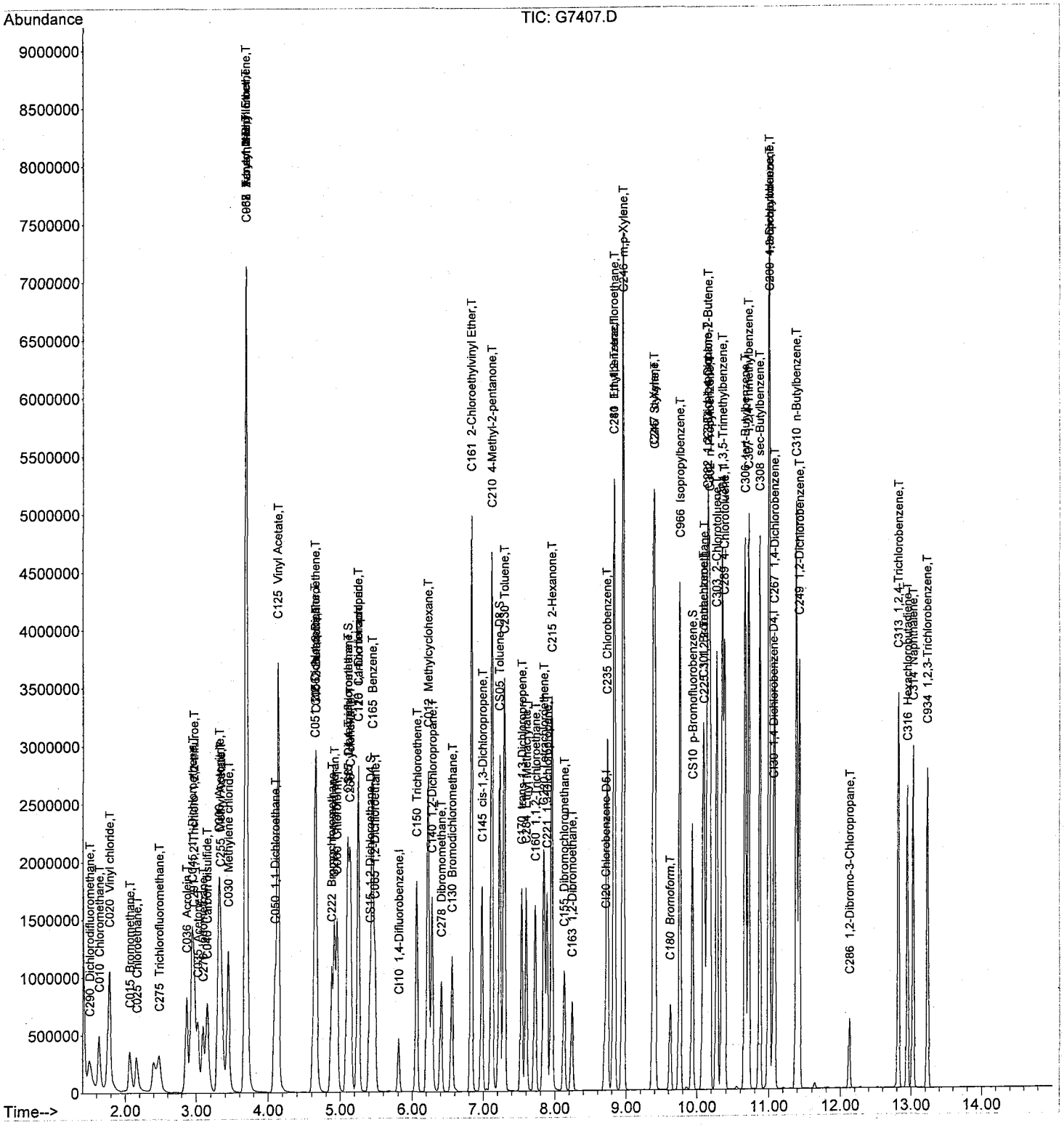
Data File: C:\MSDCHEM\1\DATA\122005\G7406.D
Acq On : 20 Dec 2005 11:27
Sample : VSTD050
Misc :
Integrator: RTE
Quant Time: Dec 20 14:58:37 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 20 14:56:38 2005
Response via : Initial Calibration
Data Path : C:\MSDCHEM\1\DATA\122005\
Operator : LH/TRB



Data File: C:\MSDCHEM\1\DATA\122005\G7407.D
Acq On : 20 Dec 2005 11:50
Sample : VSTD100
Misc :
Integrator: RTE
Quant Time: Dec 20 15:00:09 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 20 14:56:38 2005
Response via : Initial Calibration
Data Path : C:\MSDCHEM\1\DATA\122005\
Operator : LH/TRB



Method Path : C:\MSDCHEM\1\METHODS\8260-5MLLOW\
Method File : A5I0002430.M
Title : 8260 5ML WATER
Last Update : Tue Dec 20 15:05:36 2005
Response Via : Initial Calibration

8260 (A5I...2430)
8260GE (A5I...2430GE)

Calibration Files
1 =G7411.D 2 =G7409.D 3 =G7408.D
4 =G7406.D 5 =G7407.D

			Compound	1	2	3	4	5	Avg	%RSD
1)	I	CI10	1,4-Difluoroben	----------ISTD----------						
2)	T	C290	Dichlorodifluor	0.472	0.426	0.395	0.425	0.399	0.423	7.30
3)	T	C010	Chloromethane	0.659	0.529	0.490	0.505	0.492	0.535	13.30
4)	T	C020	Vinyl chloride	0.593	0.517	0.481	0.500	0.483	0.515	8.95
5)	T	C015	Bromomethane	0.343	0.234	0.214	0.214	0.212	0.243	23.13
6)	T	C025	Chloroethane	0.363	0.254	0.254	0.258	0.262	0.278	17.10
7)	T	C275	Trichlorofluoro	0.645	0.589	0.540	0.574	0.548	0.579	7.23
8)	T	C045	1,1-Dichloroeth	0.404	0.380	0.360	0.349	0.344	0.367	6.69
9)	T	C030	Methylene chlor	0.774	0.472	0.438	0.421	0.414	0.504	30.33
10)	T	C040	Carbon disulfid	1.203	1.103	1.022	1.033	1.019	1.076	7.34
11)	T	C036	Acrolein	0.041	0.032	0.030	0.032	0.034	0.034	11.92
12)	T	C038	Acrylonitrile	0.161	0.165	0.157	0.158	0.149	0.158	3.75
13)	T	C035	Acetone	0.151	0.135	0.131	0.132	0.129	0.136	6.56
14)	T	C300	Acetonitrile	0.064	0.061	0.057	0.058	0.056	0.059	5.51
15)	T	C276	Iodomethane	0.589	0.617	0.596	0.593	0.568	0.593	2.91
16)	T	C291	1,1,2-Trichloro	0.359	0.401	0.379	0.402	0.382	0.384	4.58
17)	T	C962	T-butyl Methyl	1.354	1.375	1.314	1.314	1.262	1.324	3.28
18)	T	C057	trans-1,2-Dichl	0.450	0.434	0.410	0.393	0.375	0.412	7.39
19)	T	C255	Methyl Acetate	0.736	0.604	0.587	0.550	0.539	0.603	13.08
20)	T	C050	1,1-Dichloroeth	0.833	0.808	0.778	0.757	0.748	0.785	4.55
21)	T	C125	Vinyl Acetate	0.792	0.863	0.838	0.869	0.824	0.837	3.72
22)	T	C051	2,2-Dichloropro	0.691	0.701	0.681	0.642	0.633	0.670	4.53
23)	T	C056	cis-1,2-Dichlor	0.495	0.475	0.457	0.439	0.427	0.459	5.95
24)	T	C272	Tetrahydrofuran	0.150	0.144	0.139	0.141	0.137	0.142	3.70
25)	T	C222	Bromochlorometh	0.238	0.229	0.219	0.217	0.212	0.223	4.62
26)	S	CS87	Dibromofluorome	0.290	0.337	0.294	0.305	0.339	0.313	7.50
27)	T	C060	Chloroform	0.813	0.775	0.752	0.733	0.718	0.758	4.95
28)	T	C115	1,1,1-Trichloro	0.671	0.673	0.653	0.635	0.625	0.651	3.28
29)	T	C120	Carbon tetrachl	0.548	0.563	0.548	0.539	0.540	0.547	1.74
30)	T	C116	1,1-Dichloropro	0.590	0.614	0.599	0.574	0.567	0.589	3.21
31)	S	CS15	1,2-Dichloroeth	0.378	0.427	0.375	0.392	0.440	0.402	7.28
32)	T	C165	Benzene	1.857	1.772	1.703	1.657	1.614	1.720	5.59
33)	T	C065	1,2-Dichloroeth	0.651	0.648	0.635	0.628	0.619	0.636	2.09
34)	T	C110	2-Butanone	0.233	0.222	0.211	0.212	0.205	0.217	5.02
35)	T	C256	Cyclohexane	0.753	0.786	0.754	0.776	0.740	0.762	2.44
36)	T	C150	Trichloroethene	0.466	0.459	0.438	0.425	0.422	0.442	4.52
37)	T	C140	1,2-Dichloropro	0.488	0.460	0.445	0.446	0.443	0.456	4.07
38)	T	C278	Dibromomethane	0.269	0.260	0.255	0.256	0.253	0.259	2.54
39)	T	C130	Bromodichlorome	0.523	0.525	0.526	0.527	0.531	0.526	0.58
40)	T	C161	2-Chloroethylvi	0.292	0.314	0.307	0.305	0.293	0.302	3.17
41)	T	C012	Methylcyclohexa	0.792	0.844	0.824	0.849	0.805	0.823	2.97
42)	T	C145	cis-1,3-Dichlor	0.659	0.693	0.681	0.674	0.683	0.678	1.83
43)	I	CI20	Chlorobenzene-D	----------ISTD----------						
44)	S	CS05	Toluene-D8	2.368	2.705	2.415	2.434	2.681	2.521	6.32
45)	T	C230	Toluene	2.370	2.257	2.229	2.128	2.091	2.215	5.00
46)	T	C170	trans-1,3-Dichl	1.132	1.272	1.280	1.288	1.301	1.254	5.53
47)	T	C284	Ethyl Methacryl	1.112	1.207	1.215	1.222	1.210	1.193	3.81
48)	T	C160	1,1,2-Trichloro	0.658	0.639	0.623	0.614	0.609	0.629	3.18
49)	T	C210	4-Methyl-2-pent	0.928	0.968	0.937	0.927	0.893	0.931	2.87
50)	T	C220	Tetrachloroethe	0.994	0.970	0.956	0.897	0.878	0.939	5.24
51)	T	C221	1,3-Dichloropro	1.432	1.419	1.396	1.375	1.353	1.395	2.29
52)	T	C155	Dibromochlorome	0.702	0.720	0.741	0.758	0.780	0.740	4.13
53)	T	C163	1,2-Dibromoetha	0.766	0.758	0.761	0.753	0.745	0.757	1.06

Method Path : C:\MSDCHEM\1\METHODS\8260-5MLLOW\
Method File : A5I0002430.M
Title : 8260 5ML WATER
Last Update : Tue Dec 20 15:05:36 2005
Response Via : Initial Calibration

54)	T	C215	2-Hexanone	0.670	0.689	0.664	0.659	0.639	0.664	2.73
55)	T	C235	Chlorobenzene	2.677	2.558	2.508	2.391	2.356	2.498	5.19
56)	T	C281	1,1,1,2-Tetrach	0.812	0.832	0.831	0.815	0.801	0.818	1.60
57)	T	C240	Ethylbenzene	4.407	4.382	4.271	4.075	3.962	4.219	4.61
58)	T	C246	m,p-Xylene	1.751	1.708	1.657	1.569	1.531	1.643	5.64
59)	T	C247	o-Xylene	1.687	1.686	1.626	1.555	1.528	1.616	4.54
60)	T	C245	Styrene	2.517	2.628	2.637	2.555	2.517	2.571	2.27
61)	T	C180	Bromoform	0.351	0.423	0.442	0.468	0.490	0.435	12.24
62)	S	CS10	p-Bromofluorobe	0.739	0.828	0.743	0.743	0.820	0.774	5.81
63)	I	CI30	1,4-Dichloroben	----------ISTD----------						
64)	T	C966	Isopropylbenzen	4.499	4.656	4.458	4.245	4.280	4.428	3.80
65)	T	C301	Bromobenzene	1.197	1.124	1.086	1.030	1.029	1.093	6.42
66)	T	C225	1,1,2,2-Tetrach	1.020	1.046	1.021	1.013	1.026	1.025	1.21
67)	T	C282	1,2,3-Trichloro	0.365	0.338	0.326	0.311	0.315	0.331	6.56
68)	T	C283	t-1,4-Dichloro-	0.089	0.117	0.127	0.140	0.152	0.125	19.24
69)	T	C302	n-Propylbenzene	5.523	5.714	5.603	5.342	5.338	5.504	2.98
70)	T	C303	2-Chlorotoluene	1.150	1.088	1.060	1.011	1.019	1.065	5.31
71)	T	C289	4-Chlorotoluene	1.181	1.146	1.106	1.052	1.055	1.108	5.08
72)	T	C304	1,3,5-Trimethyl	3.859	3.889	3.778	3.644	3.634	3.761	3.15
73)	T	C306	tert-Butylbenze	0.862	0.876	0.845	0.810	0.806	0.840	3.71
74)	T	C307	1,2,4-Trimethyl	3.877	3.936	3.845	3.689	3.731	3.816	2.69
75)	T	C308	sec-Butylbenzen	4.759	4.818	4.699	4.498	4.517	4.658	3.09
76)	T	C260	1,3-Dichloroben	2.288	2.197	2.104	2.004	1.965	2.112	6.32
77)	T	C309	4-Isopropyltolu	4.205	4.411	4.290	4.085	4.064	4.211	3.44
78)	T	C267	1,4-Dichloroben	2.378	2.243	2.158	2.083	2.082	2.189	5.70
79)	T	C249	1,2-Dichloroben	2.272	2.127	2.053	1.989	1.980	2.084	5.78
80)	T	C310	n-Butylbenzene	4.039	4.013	3.909	3.762	3.781	3.901	3.27
81)	T	C286	1,2-Dibromo-3-C	0.164	0.180	0.182	0.191	0.203	0.184	7.83
82)	T	C313	1,2,4-Trichloro	2.123	1.626	1.392	1.363	1.344	1.570	21.00
83)	T	C316	Hexachlorobutad	0.900	0.719	0.642	0.616	0.601	0.696	17.68
84)	T	C314	Naphthalene	3.964	3.499	2.866	2.974	2.978	3.256	14.32
85)	T	C934	1,2,3-Trichloro	1.948	1.469	1.178	1.147	1.133	1.375	25.37

Total Average %RSD 6.44

L = Linear LO = Linear+Origin Q = Quad QO = Quad+Origin R = Corr. Coef
(#) = Out of Range

A5I0002430.M Tue Dec 20 15:06:54 2005 HP5973G

Date: 12/21/2005 ICC Profile Page: 1
Time: 16:18:58 Rept: AN0287R

ICC Profile Code: A00263 METHOD 8260 low 5ML PURGE (30% RSD/ 20% D)
Fraction: MV

No of Points: 5 Default Min. RRF: 0.3000 QC Approver: JRS
CCC Conc: 125.00 QC Date: 11/08/2005

Comments:

Seq		Parameter	ng On Column Point 1	Point 2	Point 3	Point 4	Point 5
2	123-91-1	1,4-Dioxane	200.0000	2000.0000	5000.0000	10000.0000	20000.0000
7	77-73-6	Dicyclopentadiene	5.0000	50.0000	125.0000	250.0000	500.0000
8	526-73-8	1,2,3-Trimethylbenzene	5.0000	50.0000	125.0000	250.0000	500.0000
15	994-05-8	tert-Amyl Methyl Ether (TAME)	5.0000	50.0000	125.0000	250.0000	500.0000
18	67-64-1	Acetone	25.0000	250.0000	625.0000	1250.0000	2500.0000
20	71-43-2	Benzene	5.0000	50.0000	125.0000	250.0000	500.0000
25	637-92-3	Ethyl-t-butyl ether (ETBE)	5.0000	50.0000	125.0000	250.0000	500.0000
30	108-86-1	Bromobenzene	5.0000	50.0000	125.0000	250.0000	500.0000
40	74-97-5	Bromochloromethane	5.0000	50.0000	125.0000	250.0000	500.0000
50	75-27-4	Bromodichloromethane	5.0000	50.0000	125.0000	250.0000	500.0000
51	108-70-3	1,3,5-Trichlorobenzene	5.0000	50.0000	125.0000	250.0000	500.0000
60	75-25-2	Bromoform	5.0000	50.0000	125.0000	250.0000	500.0000
70	74-83-9	Bromomethane	5.0000	50.0000	125.0000	250.0000	500.0000
88	78-93-3	2-Butanone	25.0000	250.0000	625.0000	1250.0000	2500.0000
90	104-51-8	n-Butylbenzene	5.0000	50.0000	125.0000	250.0000	500.0000
91	107-12-0	Propionitrile	50.0000	500.0000	1250.0000	2500.0000	5000.0000
92	126-98-7	Methacrylonitrile	5.0000	50.0000	125.0000	250.0000	500.0000
93	108-20-3	Isopropyl Ether (DIPE)	5.0000	50.0000	125.0000	250.0000	500.0000
94	78-83-1	Isobutanol	200.0000	2000.0000	5000.0000	10000.0000	20000.0000
95	71-36-3	n-Butyl alcohol	200.0000	2000.0000	5000.0000	10000.0000	20000.0000
96	108-41-8	m-Chlorotoluene	5.0000	50.0000	125.0000	250.0000	500.0000
97	108-94-1	Cyclohexanone	50.0000	500.0000	1250.0000	2500.0000	5000.0000
98	76-01-7	Pentachloroethane	5.0000	50.0000	125.0000	250.0000	500.0000
99	75-65-0	tert-Butyl Alcohol (TBA)	100.0000	1000.0000	2500.0000	5000.0000	10000.0000
100	135-98-8	sec-Butylbenzene	5.0000	50.0000	125.0000	250.0000	500.0000
101	79-20-9	Methyl acetate	5.0000	50.0000	125.0000	250.0000	500.0000
102	110-82-7	Cyclohexane	5.0000	50.0000	125.0000	250.0000	500.0000
103	108-87-2	Methylcyclohexane	5.0000	50.0000	125.0000	250.0000	500.0000
104	98-56-6	p-Monochlorobenzotrifluoride	5.0000	50.0000	125.0000	250.0000	500.0000
105	98-15-7	m-Monochlorobenzotrifluoride	5.0000	50.0000	125.0000	250.0000	500.0000
106	88-16-4	o-Monochlorobenzotrifluoride	5.0000	50.0000	125.0000	250.0000	500.0000
110	98-06-6	tert-Butylbenzene	5.0000	50.0000	125.0000	250.0000	500.0000
111	106-89-8	Epichlorohydrin	100.0000	1000.0000	2500.0000	5000.0000	10000.0000
112	79-46-9	2-Nitropropane	25.0000	250.0000	625.0000	1250.0000	2500.0000
114	TOTALVOA	Total Volatile Organic Compoun	5.0000	50.0000	125.0000	250.0000	500.0000
120	554-14-3	2-Methyl Thiophene	5.0000	50.0000	125.0000	250.0000	500.0000
121	616-44-4	3-Methyl Thiophene	5.0000	50.0000	125.0000	250.0000	500.0000
128	75-15-0	Carbon Disulfide	5.0000	50.0000	125.0000	250.0000	500.0000
130	56-23-5	Carbon Tetrachloride	5.0000	50.0000	125.0000	250.0000	500.0000
140	108-90-7	Chlorobenzene	5.0000	50.0000	125.0000	250.0000	500.0000
145	104-76-7	2-Ethyl-1-hexanol	50.0000	500.0000	1250.0000	2500.0000	5000.0000
150	75-00-3	Chloroethane	5.0000	50.0000	125.0000	250.0000	500.0000
160	67-66-3	Chloroform	5.0000	50.0000	125.0000	250.0000	500.0000
170	74-87-3	Chloromethane	5.0000	50.0000	125.0000	250.0000	500.0000
180	95-49-8	o-Chlorotoluene	5.0000	50.0000	125.0000	250.0000	500.0000
190	106-43-4	p-Chlorotoluene	5.0000	50.0000	125.0000	250.0000	500.0000
200	124-48-1	Dibromochloromethane	5.0000	50.0000	125.0000	250.0000	500.0000

ICC Profile Code: A00263 METHOD 8260 low 5ML PURGE (30% RSD/ 20% D) (continued)

Seq		Parameter	ng On Column Point 1	Point 2	Point 3	Point 4	Point 5
201	110-54-3	Hexane	5.0000	50.0000	125.0000	250.0000	500.0000
202	142-82-5	Heptane	5.0000	50.0000	125.0000	250.0000	500.0000
203	534-15-6	1,1-Dimethoxyethane	25.0000	250.0000	625.0000	1250.0000	2500.0000
204	75-56-9	Propylene Oxide	25.0000	250.0000	625.0000	1250.0000	2500.0000
210	96-12-8	1,2-Dibromo-3-chloropropane	5.0000	50.0000	125.0000	250.0000	500.0000
220	106-93-4	1,2-Dibromoethane	5.0000	50.0000	125.0000	250.0000	500.0000
230	74-95-3	Dibromomethane	5.0000	50.0000	125.0000	250.0000	500.0000
240	95-50-1	1,2-Dichlorobenzene	5.0000	50.0000	125.0000	250.0000	500.0000
250	541-73-1	1,3-Dichlorobenzene	5.0000	50.0000	125.0000	250.0000	500.0000
260	106-46-7	1,4-Dichlorobenzene	5.0000	50.0000	125.0000	250.0000	500.0000
270	75-71-8	Dichlorodifluoromethane	5.0000	50.0000	125.0000	250.0000	500.0000
280	75-34-3	1,1-Dichloroethane	5.0000	50.0000	125.0000	250.0000	500.0000
290	107-06-2	1,2-Dichloroethane	5.0000	50.0000	125.0000	250.0000	500.0000
300	75-35-4	1,1-Dichloroethene	5.0000	50.0000	125.0000	250.0000	500.0000
307	109-99-9	Tetrahydrofuran	25.0000	250.0000	625.0000	1250.0000	2500.0000
310	156-59-2	cis-1,2-Dichloroethene	5.0000	50.0000	125.0000	250.0000	500.0000
320	156-60-5	trans-1,2-Dichloroethene	5.0000	50.0000	125.0000	250.0000	500.0000
330	78-87-5	1,2-Dichloropropane	5.0000	50.0000	125.0000	250.0000	500.0000
340	142-28-9	1,3-Dichloropropane	5.0000	50.0000	125.0000	250.0000	500.0000
350	594-20-7	2,2-Dichloropropane	5.0000	50.0000	125.0000	250.0000	500.0000
360	563-58-6	1,1-Dichloropropene	5.0000	50.0000	125.0000	250.0000	500.0000
370	10061-01-5	cis-1,3-Dichloropropene	5.0000	50.0000	125.0000	250.0000	500.0000
380	10061-02-6	trans-1,3-Dichloropropene	5.0000	50.0000	125.0000	250.0000	500.0000
390	100-41-4	Ethylbenzene	5.0000	50.0000	125.0000	250.0000	500.0000
410	87-68-3	Hexachlorobutadiene	5.0000	50.0000	125.0000	250.0000	500.0000
418	591-78-6	2-Hexanone	25.0000	250.0000	625.0000	1250.0000	2500.0000
420	98-82-8	Isopropylbenzene	5.0000	50.0000	125.0000	250.0000	500.0000
430	99-87-6	p-Cymene	5.0000	50.0000	125.0000	250.0000	500.0000
440	75-09-2	Methylene chloride	5.0000	50.0000	125.0000	250.0000	500.0000
458	108-10-1	4-Methyl-2-pentanone	25.0000	250.0000	625.0000	1250.0000	2500.0000
460	91-20-3	Naphthalene	5.0000	50.0000	125.0000	250.0000	500.0000
470	103-65-1	n-Propylbenzene	5.0000	50.0000	125.0000	250.0000	500.0000
480	100-42-5	Styrene	5.0000	50.0000	125.0000	250.0000	500.0000
490	630-20-6	1,1,1,2-Tetrachloroethane	5.0000	50.0000	125.0000	250.0000	500.0000
500	79-34-5	1,1,2,2-Tetrachloroethane	5.0000	50.0000	125.0000	250.0000	500.0000
510	127-18-4	Tetrachloroethene	5.0000	50.0000	125.0000	250.0000	500.0000
520	108-88-3	Toluene	5.0000	50.0000	125.0000	250.0000	500.0000
530	87-61-6	1,2,3-Trichlorobenzene	5.0000	50.0000	125.0000	250.0000	500.0000
540	120-82-1	1,2,4-Trichlorobenzene	5.0000	50.0000	125.0000	250.0000	500.0000
550	71-55-6	1,1,1-Trichloroethane	5.0000	50.0000	125.0000	250.0000	500.0000
560	79-00-5	1,1,2-Trichloroethane	5.0000	50.0000	125.0000	250.0000	500.0000
570	79-01-6	Trichloroethene	5.0000	50.0000	125.0000	250.0000	500.0000
580	75-69-4	Trichlorofluoromethane	5.0000	50.0000	125.0000	250.0000	500.0000
590	96-18-4	1,2,3-Trichloropropane	5.0000	50.0000	125.0000	250.0000	500.0000
600	95-63-6	1,2,4-Trimethylbenzene	5.0000	50.0000	125.0000	250.0000	500.0000
610	108-67-8	1,3,5-Trimethylbenzene	5.0000	50.0000	125.0000	250.0000	500.0000
620	75-01-4	Vinyl chloride	5.0000	50.0000	125.0000	250.0000	500.0000
630	1330-20-7	Total Xylenes	15.0000	150.0000	375.0000	750.0000	1500.0000
646	SU107-06-2	1,2-Dichloroethane-D4	5.0000	50.0000	125.0000	250.0000	500.0000
648	2037-26-5	Toluene-D8	5.0000	50.0000	125.0000	250.0000	500.0000
650	460-00-4	p-Bromofluorobenzene	5.0000	50.0000	125.0000	250.0000	500.0000
660	SU95-50-1	1,2-Dichlorobenzene-d4	5.0000	50.0000	125.0000	250.0000	500.0000

ICC Profile Code: A00263 METHOD 8260 low 5ML PURGE (30% RSD/ 20% D) (continued)

Seq		Parameter	ng On Column Point 1	Point 2	Point 3	Point 4	Point 5
670	SU106-46-7	1,4-Dichlorobenzene-D4	0.0000	0.0000	0.0000	0.0000	0.0000
680	3114-55-4	Chlorobenzene-D5	0.0000	0.0000	0.0000	0.0000	0.0000
690	540-36-3	1,4-Difluorobenzene	0.0000	0.0000	0.0000	0.0000	0.0000
700	462-06-6	Fluorobenzene	0.0000	0.0000	0.0000	0.0000	0.0000
800	1634-04-4	Methyl-t-Butyl Ether (MTBE)	5.0000	50.0000	125.0000	250.0000	500.0000
805	75-43-4	Dichlorofluoromethane	5.0000	50.0000	125.0000	250.0000	500.0000
810	594-18-3	Dibromodichloromethane	5.0000	50.0000	125.0000	250.0000	500.0000
815	107-02-8	Acrolein	100.0000	1250.0000	2500.0000	5000.0000	10000.0000
820	76-13-1	1,1,2-Trichloro-1,2,2-trifluor	5.0000	50.0000	125.0000	250.0000	500.0000
825	107-13-1	Acrylonitrile	100.0000	1250.0000	2500.0000	5000.0000	10000.0000
830	80-62-6	Methyl methacrylate	5.0000	50.0000	125.0000	250.0000	500.0000
840	540-59-0	1,2-Dichloroethene (Total)	10.0000	100.0000	250.0000	500.0000	1000.0000
850	M/P XYLENE	m/p-Xylenes	10.0000	100.0000	250.0000	500.0000	1000.0000
860	95-47-6	o-Xylene	5.0000	50.0000	125.0000	250.0000	500.0000
870	108-05-4	Vinyl acetate	25.0000	250.0000	625.0000	1250.0000	2500.0000
880	110-75-8	2-Chloroethylvinyl ether	25.0000	250.0000	625.0000	1250.0000	2500.0000
890	110-57-6	trans-1,4-Dichloro-2-butene	25.0000	250.0000	625.0000	1250.0000	2500.0000
900	74-88-4	Iodomethane	5.0000	50.0000	125.0000	250.0000	500.0000
910	97-63-2	Ethyl methacrylate	5.0000	50.0000	125.0000	250.0000	500.0000
920	75-45-6	Chlorodifluoromethane	5.0000	50.0000	125.0000	250.0000	500.0000
930	544-10-5	1-Chlorohexane	5.0000	50.0000	125.0000	250.0000	500.0000
940	75-05-8	Acetonitrile	200.0000	2000.0000	5000.0000	10000.0000	20000.0000
950	60-29-7	Ethyl ether	5.0000	50.0000	125.0000	250.0000	500.0000
951	108-38-3	m-Xylene	10.0000	100.0000	250.0000	500.0000	1000.0000
952	106-42-3	p-Xylene	10.0000	100.0000	250.0000	500.0000	1000.0000
962	542-75-6	1,3-Dichloropropene (Total)	10.0000	100.0000	250.0000	500.0000	1000.0000
972	64-17-5	Ethanol	100.0000	1000.0000	2500.0000	5000.0000	10000.0000
982	141-78-6	Ethyl acetate	5.0000	50.0000	125.0000	250.0000	500.0000
992	107-05-1	3-Chloropropene (Allyl Chlor.)	5.0000	50.0000	125.0000	250.0000	500.0000
993	126-99-8	2-Chloro-1,3-butadiene	5.0000	50.0000	125.0000	250.0000	500.0000
994	54-28-81TIC	Bis(chloromethyl) ether (VOA T	5.0000	50.0000	125.0000	250.0000	500.0000

Data File: C:\MSDCHEM\1\DATA\122005\G7411.D
Acq On : 20 Dec 2005 14:25
Sample : VSTD001
Misc :
Integrator: RTE
Quant Time: Dec 20 14:58:13 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 20 14:56:38 2005
Response via : Initial Calibration
Data Path : C:\MSDCHEM\1\DATA\122005\
Operator : LH/TRB

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.81	114	388903	125.00	ng		0.00 131.16%
43) CI20	Chlorobenzene-D5	8.70	82	197830	125.00	ng		0.00 136.24%
63) CI30	1,4-Dichlorobenzene-	11.05	152	185577	125.00	ng		0.00 116.09%
System Monitoring Compounds								
26) CS87	Dibromofluoromethane	5.10	111	4506	4.63	NG		0.00
Spiked Amount	125.000	Range	70 - 130	Recovery	=	3.70%#		
31) CS15	1,2-Dichloroethane-D	5.41	65	5885	4.70	ng		0.00
Spiked Amount	125.000	Range	73 - 136	Recovery	=	3.76%#		
44) CS05	Toluene-D8	7.22	98	18741	4.70	ng		0.00
Spiked Amount	125.000	Range	77 - 122	Recovery	=	3.76%#		
62) CS10	p-Bromofluorobenzene	9.94	174	5845	4.77	ng		0.00
Spiked Amount	125.000	Range	74 - 120	Recovery	=	3.82%#		
Target Compounds								Qvalue
2) C290	Dichlorodifluorometh	1.50	85	7347	5.58	ng		100
3) C010	Chloromethane	1.60	50	10253	6.16	ng		89
4) C020	Vinyl chloride	1.73	62	9222	5.76	ng		96
5) C015	Bromomethane	2.04	94	5328	7.04	ng		83
6) C025	Chloroethane	2.15	64	5647	6.53	ng		100
7) C275	Trichlorofluorometha	2.39	101	10035	8.84	ng		95
8) C045	1,1-Dichloroethene	2.93	96	6277	5.49	ng		84
9) C030	Methylene chloride	3.43	84	12040	7.68	ng		93
10) C040	Carbon disulfide	3.14	76	18721	5.59	ng		93
11) C036	Acrolein	2.86	56	12618	119.80	ng		96
12) C038	Acrylonitrile	3.68	53	50196	102.09	ng		97
13) C035	Acetone	3.02	43	11768	27.82	ng		95
14) C300	Acetonitrile	3.31	41	40095	216.82	ng		97
15) C276	Iodomethane	3.09	142	9160	4.97	ng		97
16) C291	1,1,2-Trichloro-1,2,	2.96	101	5586	4.67	ng		91
17) C962	T-butyl Methyl Ether	3.69	73	21058	5.11	ng		90
18) C057	trans-1,2-Dichloroet	3.69	96	7004	5.46	ng	#	48
19) C255	Methyl Acetate	3.33	43	11448	6.10	ng		93
20) C050	1,1-Dichloroethane	4.08	63	12961	5.31	ng		95
21) C125	Vinyl Acetate	4.13	43	61612	23.65	ng		97
22) C051	2,2-Dichloropropane	4.63	77	10753	5.16	ng		98
23) C056	cis-1,2-Dichloroethe	4.64	96	7699	5.40	ng		88
24) C272	Tetrahydrofuran	4.94	42	11672	26.39	ng		91
25) C222	Bromochloromethane	4.88	128	3697	5.33	ng	#	78
27) C060	Chloroform	4.95	83	12654	5.36	ng		95
28) C115	1,1,1-Trichloroethan	5.10	97	10432	5.15	ng		95
29) C120	Carbon tetrachloride	5.25	117	8520	5.00	ng		98
30) C116	1,1-Dichloropropene	5.25	75	9172	5.01	ng		87
32) C165	Benzene	5.44	78	28886	5.40	ng		98
33) C065	1,2-Dichloroethane	5.48	62	10128	5.12	ng		93
34) C110	2-Butanone	4.67	43	18087	26.85	ng		98
35) C256	Cyclohexane	5.13	56	11721	4.94	ng	#	86
36) C150	Trichloroethene	6.05	95	7253	5.27	ng		83

Data File: C:\MSDCHEM\1\DATA\122005\G7411.D
Acq On : 20 Dec 2005 14:25
Sample : VSTD001
Misc :
Integrator: RTE
Quant Time: Dec 20 14:58:13 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 20 14:56:38 2005
Response via : Initial Calibration
Data Path : C:\MSDCHEM\1\DATA\122005\
Operator : LH/TRB

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
37) C140	1,2-Dichloropropane	6.27	63	7584	5.34	ng		95
38) C278	Dibromomethane	6.40	93	4190	5.21	ng		92
39) C130	Bromodichloromethane	6.55	83	8139	4.97	ng		97
40) C161	2-Chloroethylvinyl E	6.83	63	22691	24.13	ng		96
41) C012	Methylcyclohexane	6.21	83	12324	4.81	ng		90
42) C145	cis-1,3-Dichloroprop	6.97	75	10257	4.86	ng		92
45) C230	Toluene	7.29	92	18754	5.35	ng		94
46) C170	trans-1,3-Dichloropr	7.53	75	8955	4.51	ng		94
47) C284	Ethyl Methacrylate	7.60	69	8803	4.66	ng		94
48) C160	1,1,2-Trichloroethan	7.72	83	5205	5.23	ng		93
49) C210	4-Methyl-2-pentanone	7.12	43	36699	24.92	ng		98
50) C220	Tetrachloroethene	7.84	166	7863	5.29	ng		89
51) C221	1,3-Dichloropropane	7.89	76	11331	5.13	ng		97
52) C155	Dibromochloromethane	8.12	129	5558	4.74	ng		91
53) C163	1,2-Dibromoethane	8.24	107	6063	5.06	ng		96
54) C215	2-Hexanone	7.95	43	26502	25.22	ng		96
55) C235	Chlorobenzene	8.74	112	21181	5.36	ng		96
56) C281	1,1,1,2-Tetrachloroe	8.82	131	6428	4.96	ng		85
57) C240	Ethylbenzene	8.83	91	34873	5.22	ng		99
58) C246	m,p-Xylene	8.95	106	27717	10.66	ng		98
59) C247	o-Xylene	9.38	106	13351	5.22	ng		98
60) C245	Styrene	9.40	104	19918	4.90	ng		93
61) C180	Bromoform	9.62	173	2777	4.04	ng		99
64) C966	Isopropylbenzene	9.76	105	33395	5.08	ng		98
65) C301	Bromobenzene	10.09	156	8882	5.47	ng		85
66) C225	1,1,2,2-Tetrachloroe	10.10	83	7575	4.98	ng		94
67) C282	1,2,3-Trichloropropa	10.14	110	2709	5.51	ng		100
68) C283	t-1,4-Dichloro-2-But	10.17	51	3304	17.80	ng	#	23
69) C302	n-Propylbenzene	10.17	91	40994	5.02	ng		100
70) C303	2-Chlorotoluene	10.27	126	8533	5.40	ng		100
71) C289	4-Chlorotoluene	10.38	126	8763	5.33	ng		100
72) C304	1,3,5-Trimethylbenze	10.34	105	28647	5.13	ng		96
73) C306	tert-Butylbenzene	10.66	134	6399	5.13	ng	#	92
74) C307	1,2,4-Trimethylbenze	10.71	105	28777	5.08	ng		100
75) C308	sec-Butylbenzene	10.87	105	35328	5.11	ng		98
76) C260	1,3-Dichlorobenzene	10.99	146	16984	5.42	ng		95
77) C309	4-Isopropyltoluene	11.00	119	31215	4.99	ng		94
78) C267	1,4-Dichlorobenzene	11.08	146	17651	5.43	ng		95
79) C249	1,2-Dichlorobenzene	11.42	146	16866	5.45	ng		88
80) C310	n-Butylbenzene	11.38	91	29979	5.18	ng		100
81) C286	1,2-Dibromo-3-Chloro	12.12	75	1220	4.47	ng		81
82) C313	1,2,4-Trichlorobenze	12.82	180	15761	6.76	ng		90
83) C316	Hexachlorobutadiene	12.95	225	6681	6.47	ng		98
84) C314	Naphthalene	13.03	128	29427	6.09	ng		99
85) C934	1,2,3-Trichlorobenze	13.23	180	14460	7.08	ng		99

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

Data File: C:\MSDCHEM\1\DATA\122005\G7409.D
Acq On : 20 Dec 2005 13:40
Sample : VSTD010
Misc :
Integrator: RTE
Quant Time: Dec 20 15:02:57 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 20 14:56:38 2005
Response via : Initial Calibration
Data Path : C:\MSDCHEM\1\DATA\122005\
Operator : LH/TRB

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.81	114	385985	125.00	ng	0.00 130.18%
43) CI20	Chlorobenzene-D5	8.70	82	194933	125.00	ng	0.00 134.25%
63) CI30	1,4-Dichlorobenzene-	11.06	152	183829	125.00	ng	0.00 115.00%
System Monitoring Compounds							
26) CS87	Dibromofluoromethane	5.10	111	51984	53.80	NG	0.00
Spiked Amount	125.000	Range	70 - 130	Recovery	=	43.04%#	
31) CS15	1,2-Dichloroethane-D	5.41	65	65923	53.05	ng	0.00
Spiked Amount	125.000	Range	73 - 136	Recovery	=	42.44%#	
44) CS05	Toluene-D8	7.22	98	210932	53.66	ng	0.00
Spiked Amount	125.000	Range	77 - 122	Recovery	=	42.93%#	
62) CS10	p-Bromofluorobenzene	9.94	174	64542	53.44	ng	0.00
Spiked Amount	125.000	Range	74 - 120	Recovery	=	42.75%#	
Target Compounds							Qvalue
2) C290	Dichlorodifluorometh	1.49	85	65838	50.39	ng	97
3) C010	Chloromethane	1.61	50	81644	49.41	ng	95
4) C020	Vinyl chloride	1.75	62	79897	50.24	ng	96
5) C015	Bromomethane	2.05	94	36150	48.13	ng	97
6) C025	Chloroethane	2.15	64	39237	45.68	ng	99
7) C275	Trichlorofluorometha	2.39	101	90889m	80.66	ng	97
8) C045	1,1-Dichloroethene	2.93	96	58725	51.77	ng	87
9) C030	Methylene chloride	3.44	84	72861	46.85	ng	89
10) C040	Carbon disulfide	3.14	76	170231	51.23	ng	98
11) C036	Acrolein	2.86	56	99475	951.57	ng	100
12) C038	Acrylonitrile	3.68	53	509341	1043.72	ng	99
13) C035	Acetone	3.02	43	104538	249.02	ng	98
14) C300	Acetonitrile	3.31	41	375911	2048.16	ng	100
15) C276	Iodomethane	3.09	142	95190	52.03	ng	95
16) C291	1,1,2-Trichloro-1,2,	2.96	101	61873	52.14	ng	92
17) C962	T-butyl Methyl Ether	3.69	73	212311	51.94	ng	91
18) C057	trans-1,2-Dichloroet	3.68	96	67034	52.65	ng	# 50
19) C255	Methyl Acetate	3.33	43	93331	50.12	ng	97
20) C050	1,1-Dichloroethane	4.09	63	124783	51.50	ng	96
21) C125	Vinyl Acetate	4.13	43	666566	257.83	ng	97
22) C051	2,2-Dichloropropane	4.63	77	108158	52.32	ng	93
23) C056	cis-1,2-Dichloroethe	4.64	96	73342	51.79	ng	96
24) C272	Tetrahydrofuran	4.92	42	111502	253.99	ng	92
25) C222	Bromochloromethane	4.87	128	35345	51.33	ng	88
27) C060	Chloroform	4.95	83	119719	51.12	ng	96
28) C115	1,1,1-Trichloroethan	5.10	97	103955	51.68	ng	94
29) C120	Carbon tetrachloride	5.25	117	86868	51.40	ng	98
30) C116	1,1-Dichloropropene	5.25	75	94835	52.16	ng	92
32) C165	Benzene	5.44	78	273516	51.49	ng	100
33) C065	1,2-Dichloroethane	5.48	62	100012	50.90	ng	96
34) C110	2-Butanone	4.66	43	171370	256.34	ng	96
35) C256	Cyclohexane	5.14	56	121404	51.59	ng	# 86
36) C150	Trichloroethene	6.06	95	70911	51.94	ng	95

Data File: C:\MSDCHEM\1\DATA\122005\G7409.D
Acq On : 20 Dec 2005 13:40
Sample : VSTD010
Misc :
Integrator: RTE
Quant Time: Dec 20 15:02:57 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 20 14:56:38 2005
Response via : Initial Calibration
Data Path : C:\MSDCHEM\1\DATA\122005\
Operator : LH/TRB

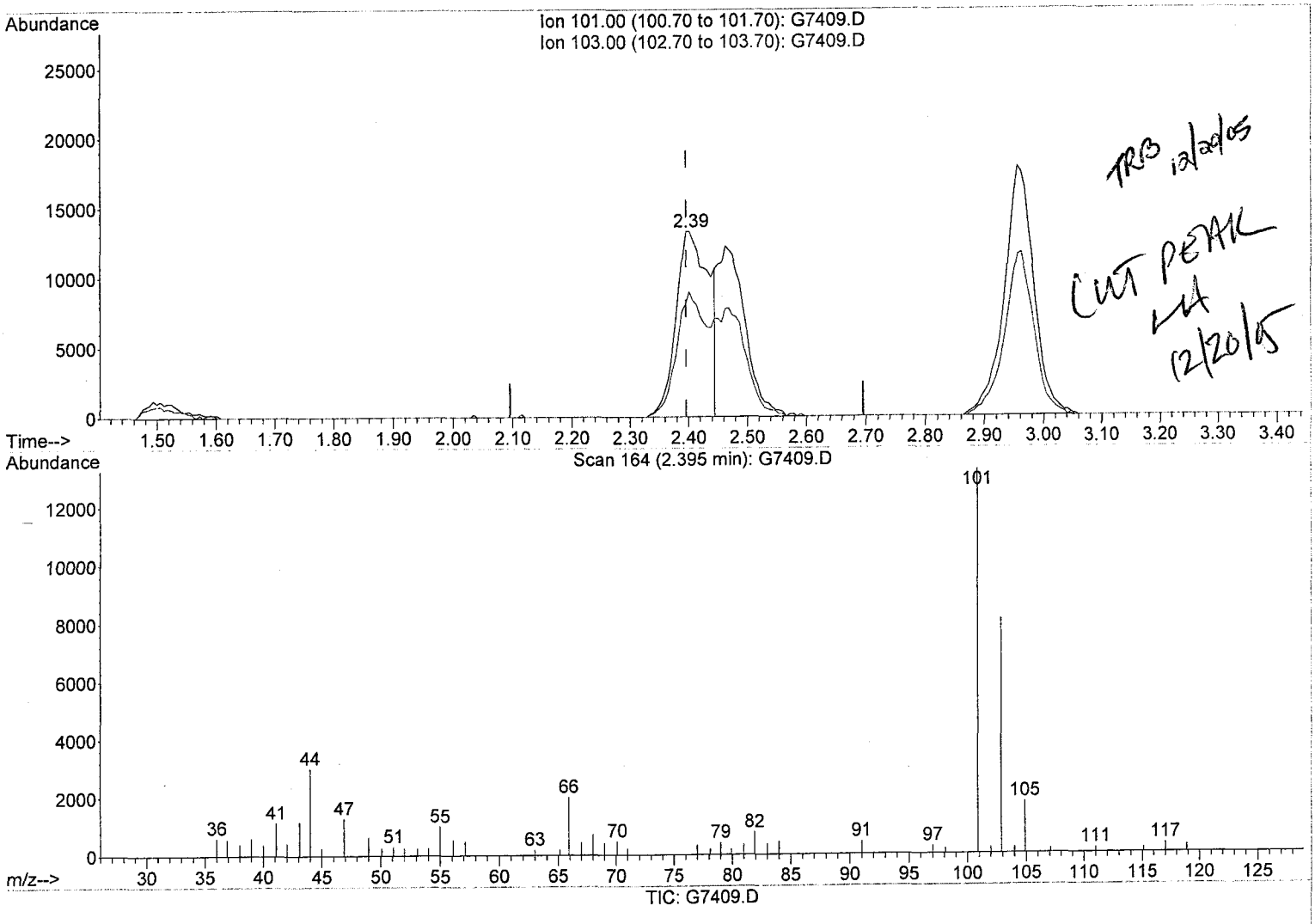
Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
37) C140	1,2-Dichloropropane	6.27	63	71010	50.38	ng		96
38) C278	Dibromomethane	6.40	93	40181	50.31	ng		83
39) C130	Bromodichloromethane	6.56	83	81060	49.87	ng		95
40) C161	2-Chloroethylvinyl E	6.83	63	242414	259.73	ng		94
41) C012	Methylcyclohexane	6.22	83	130341	51.30	ng		88
42) C145	cis-1,3-Dichloroprop	6.97	75	106968	51.10	ng		97
45) C230	Toluene	7.29	92	175971	50.95	ng		97
46) C170	trans-1,3-Dichloropr	7.53	75	99172	50.70	ng		97
47) C284	Ethyl Methacrylate	7.60	69	94096	50.57	ng		98
48) C160	1,1,2-Trichloroethan	7.72	83	49861	50.87	ng		99
49) C210	4-Methyl-2-pentanone	7.11	43	377308	260.01	ng		99
50) C220	Tetrachloroethene	7.84	166	75657	51.67	ng		92
51) C221	1,3-Dichloropropane	7.89	76	110608	50.84	ng		98
52) C155	Dibromochloromethane	8.13	129	56135	48.63	ng		98
53) C163	1,2-Dibromoethane	8.24	107	59107	50.10	ng		99
54) C215	2-Hexanone	7.95	43	268464	259.32	ng		100
55) C235	Chlorobenzene	8.73	112	199431	51.20	ng		100
56) C281	1,1,1,2-Tetrachloroe	8.82	131	64884	50.84	ng		94
57) C240	Ethylbenzene	8.83	91	341694	51.93	ng		98
58) C246	m,p-Xylene	8.95	106	266432	103.97	ng		95
59) C247	o-Xylene	9.38	106	131493	52.16	ng		96
60) C245	Styrene	9.40	104	204875	51.10	ng		99
61) C180	Bromoform	9.62	173	32961	48.64	ng		97
64) C966	Isopropylbenzene	9.76	105	342372	52.58	ng		97
65) C301	Bromobenzene	10.09	156	82623	51.40	ng	#	86
66) C225	1,1,2,2-Tetrachloroe	10.10	83	76901	51.01	ng		99
67) C282	1,2,3-Trichloropropa	10.14	110	24873	51.09	ng		100
68) C283	t-1,4-Dichloro-2-But	10.17	51	42938	233.51	ng	#	52
69) C302	n-Propylbenzene	10.17	91	420132	51.91	ng		97
70) C303	2-Chlorotoluene	10.27	126	79971	51.05	ng		100
71) C289	4-Chlorotoluene	10.38	126	84257	51.72	ng		100
72) C304	1,3,5-Trimethylbenze	10.34	105	285954	51.70	ng		96
73) C306	tert-Butylbenzene	10.66	134	64427	52.17	ng		96
74) C307	1,2,4-Trimethylbenze	10.71	105	289418	51.58	ng		97
75) C308	sec-Butylbenzene	10.87	105	354302	51.72	ng		98
76) C260	1,3-Dichlorobenzene	10.99	146	161549	52.02	ng		99
77) C309	4-Isopropyltoluene	11.00	119	324372	52.38	ng		98
78) C267	1,4-Dichlorobenzene	11.08	146	164964	51.25	ng		96
79) C249	1,2-Dichlorobenzene	11.42	146	156420	51.03	ng		87
80) C310	n-Butylbenzene	11.38	91	295070	51.44	ng		98
81) C286	1,2-Dibromo-3-Chloro	12.12	75	13203	48.81	ng		91
82) C313	1,2,4-Trichlorobenze	12.82	180	119561	51.80	ng		99
83) C316	Hexachlorobutadiene	12.95	225	52857	51.67	ng		99
84) C314	Naphthalene	13.03	128	257257	53.73	ng		99
85) C934	1,2,3-Trichlorobenze	13.23	180	107993	53.41	ng		99

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

Quantitation Report (Qedit)

Data File: C:\MSDCHEM\1\DATA\122005\G7409.D
Acq On : 20 Dec 2005 13:40
Sample : VSTD010
Misc :
Integrator: RTE
Quant Time: Dec 20 14:58:07 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 20 14:56:38 2005
Response via : Initial Calibration
Data Path : C:\MSDCHEM\1\DATA\122005\
Operator : LH/TRB



(7) C275 Trichlorofluoromethane (T)

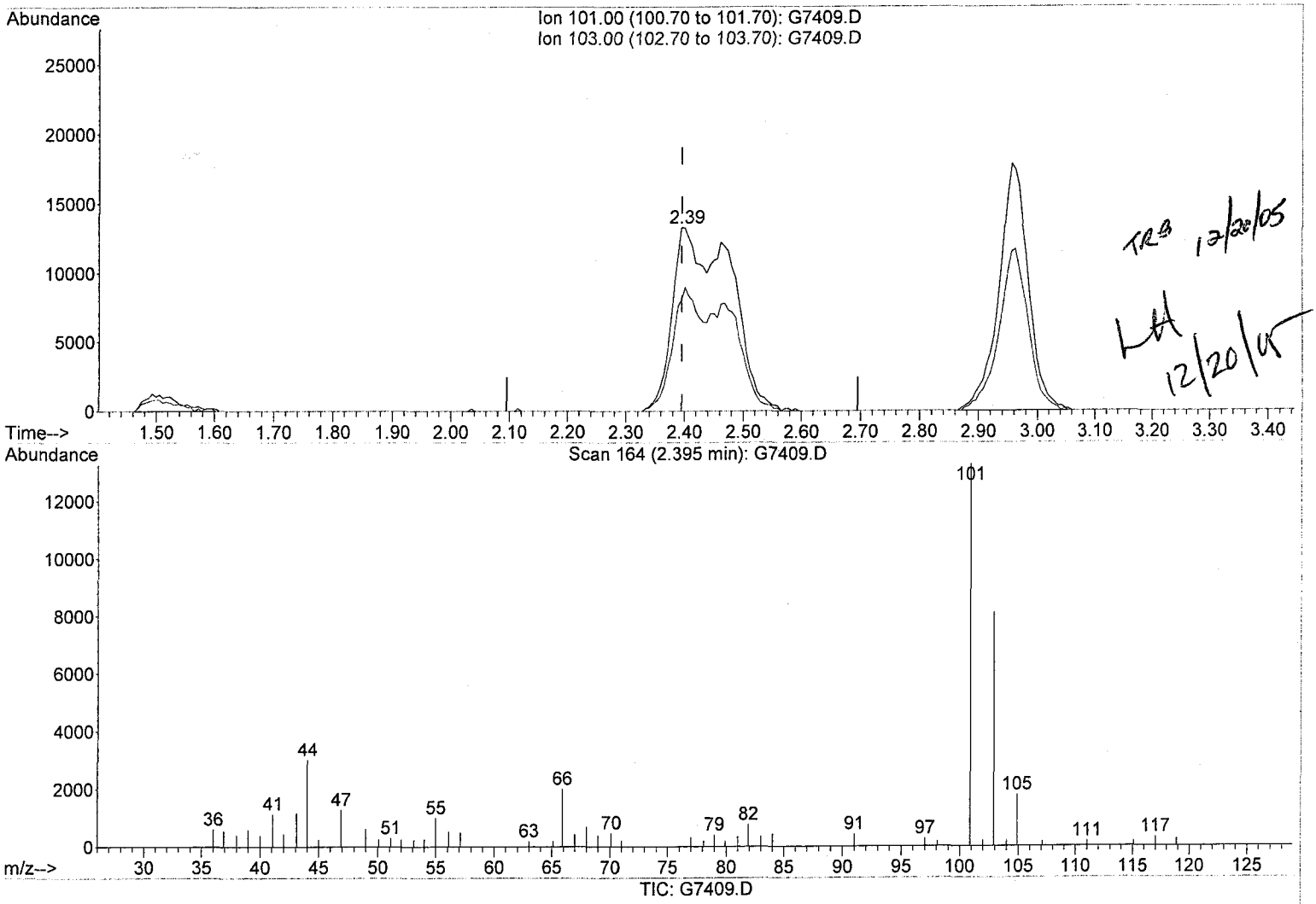
2.39min (+0.000) 45.98ng

response 51810

Ion	Exp%	Act%
101.00	100	100
103.00	63.20	61.12
0.00	0.00	0.00
0.00	0.00	0.00

Data File: C:\MSDCHEM\1\DATA\122005\G7409.D
Acq On : 20 Dec 2005 13:40
Sample : VSTD010
Misc :
Integrator: RTE
Quant Time: Dec 20 14:58:07 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 20 14:56:38 2005
Response via : Initial Calibration
Data Path : C:\MSDCHEM\1\DATA\122005\
Operator : LH/TRB



(7) C275 *Trichlorofluoromethane* (T)

2.39min (+0.000) 80.66ng m

response 90889

Ion	Exp%	Act%
101.00	100	100
103.00	63.20	61.12
0.00	0.00	0.00
0.00	0.00	0.00

Data File: C:\MSDCHEM\1\DATA\122005\G7408.D
Acq On : 20 Dec 2005 13:18
Sample : VSTD025
Misc :
Integrator: RTE
Quant Time: Dec 20 15:01:38 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 20 14:56:38 2005
Response via : Initial Calibration
Data Path : C:\MSDCHEM\1\DATA\122005\
Operator : LH/TRB

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.80	114	390432	125.00	ng		0.00 131.68%
43) CI20	Chlorobenzene-D5	8.70	82	194855	125.00	ng		0.00 134.19%
63) CI30	1,4-Dichlorobenzene-	11.05	152	187204	125.00	ng		0.00 117.11%
System Monitoring Compounds								
26) CS87	Dibromofluoromethane	5.10	111	114760	117.42	NG		0.00
Spiked Amount	125.000	Range	70 - 130	Recovery =	93.94%			
31) CS15	1,2-Dichloroethane-D	5.41	65	146429	116.50	ng		0.00
Spiked Amount	125.000	Range	73 - 136	Recovery =	93.20%			
44) CS05	Toluene-D8	7.22	98	470519	119.75	ng		0.00
Spiked Amount	125.000	Range	77 - 122	Recovery =	95.80%			
62) CS10	p-Bromofluorobenzene	9.94	174	144813	119.95	ng		0.00
Spiked Amount	125.000	Range	74 - 120	Recovery =	95.96%			
Target Compounds								Qvalue
2) C290	Dichlorodifluorometh	1.49	85	154033	116.54	ng		99
3) C010	Chloromethane	1.61	50	191261	114.44	ng		99
4) C020	Vinyl chloride	1.74	62	187658	116.66	ng		99
5) C015	Bromomethane	2.05	94	83627	110.08	ng		99
6) C025	Chloroethane	2.14	64	99025	113.98	ng		95
7) C275	Trichlorofluorometha	2.40	101	210740m	184.89	ng		97
8) C045	1,1-Dichloroethene	2.93	96	140531	122.48	ng		85
9) C030	Methylene chloride	3.43	84	170905	108.64	ng		91
10) C040	Carbon disulfide	3.14	76	398994	118.71	ng		97
11) C036	Acrolein	2.85	56	234028	2213.19	ng		98
12) C038	Acrylonitrile	3.68	53	1228931	2489.58	ng		100
13) C035	Acetone	3.02	43	256036	602.95	ng		98
14) C300	Acetonitrile	3.30	41	894442	4817.89	ng		100
15) C276	Iodomethane	3.08	142	232825	125.80	ng		97
16) C291	1,1,2-Trichloro-1,2,	2.96	101	147838	123.16	ng		92
17) C962	T-butyl Methyl Ether	3.68	73	513096	124.09	ng		92
18) C057	trans-1,2-Dichloroet	3.68	96	159976	124.22	ng	#	50
19) C255	Methyl Acetate	3.33	43	229025	121.60	ng		98
20) C050	1,1-Dichloroethane	4.08	63	303571	123.86	ng		98
21) C125	Vinyl Acetate	4.13	43	1636425	625.75	ng		96
22) C051	2,2-Dichloropropane	4.63	77	265924	127.17	ng		92
23) C056	cis-1,2-Dichloroethe	4.64	96	178503	124.61	ng		93
24) C272	Tetrahydrofuran	4.91	42	270446	609.03	ng		92
25) C222	Bromochloromethane	4.87	128	85671	123.00	ng		88
27) C060	Chloroform	4.95	83	293639	123.96	ng		98
28) C115	1,1,1-Trichloroethan	5.10	97	255121	125.38	ng		93
29) C120	Carbon tetrachloride	5.25	117	213776	125.05	ng		98
30) C116	1,1-Dichloropropene	5.24	75	233773	127.11	ng		87
32) C165	Benzene	5.44	78	664965	123.74	ng		99
33) C065	1,2-Dichloroethane	5.47	62	248081	124.81	ng		97
34) C110	2-Butanone	4.66	43	412783	610.41	ng		94
35) C256	Cyclohexane	5.13	56	294492	123.72	ng		86
36) C150	Trichloroethene	6.05	95	171137	123.93	ng		93

Data File: C:\MSDCHEM\1\DATA\122005\G7408.D
Acq On : 20 Dec 2005 13:18
Sample : VSTD025
Misc :
Integrator: RTE
Quant Time: Dec 20 15:01:38 2005

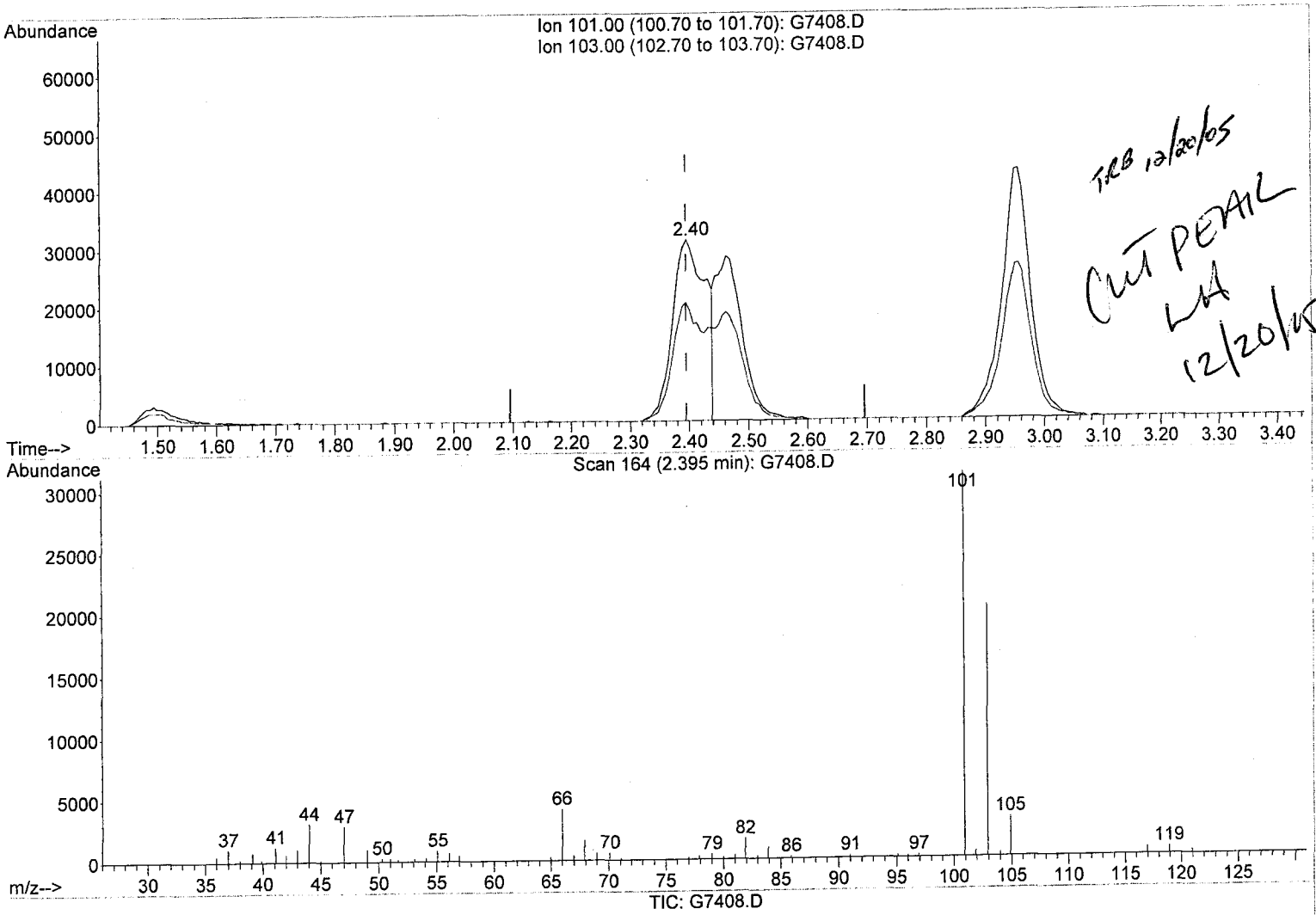
Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 20 14:56:38 2005
Response via : Initial Calibration
Data Path : C:\MSDCHEM\1\DATA\122005\
Operator : LH/TRB

Internal Standards		R.T.	QIon	Response	Conc Units		Dev(Min) Rcv(Ar)
37) C140	1,2-Dichloropropane	6.27	63	173873	121.96 ng		97
38) C278	Dibromomethane	6.40	93	99651	123.34 ng		87
39) C130	Bromodichloromethane	6.55	83	205226	124.83 ng		95
40) C161	2-Chloroethylvinyl E	6.83	63	600107	635.65 ng		93
41) C012	Methylcyclohexane	6.21	83	321652	125.16 ng		89
42) C145	cis-1,3-Dichloroprop	6.97	75	265869	125.56 ng		99
45) C230	Toluene	7.29	92	434269	125.79 ng		98
46) C170	trans-1,3-Dichloropr	7.53	75	249336	127.52 ng		93
47) C284	Ethyl Methacrylate	7.60	69	236709	127.26 ng		99
48) C160	1,1,2-Trichloroethan	7.72	83	121318	123.82 ng		99
49) C210	4-Methyl-2-pentanone	7.11	43	913028	629.44 ng		99
50) C220	Tetrachloroethene	7.84	166	186217	127.22 ng		91
51) C221	1,3-Dichloropropane	7.88	76	272115	125.13 ng		99
52) C155	Dibromochloromethane	8.13	129	144350	125.11 ng		98
53) C163	1,2-Dibromoethane	8.24	107	148224	125.68 ng		100
54) C215	2-Hexanone	7.95	43	646861	625.08 ng		99
55) C235	Chlorobenzene	8.73	112	488753	125.52 ng		98
56) C281	1,1,1,2-Tetrachloroe	8.82	131	161955	126.95 ng		93
57) C240	Ethylbenzene	8.83	91	832141	126.52 ng		99
58) C246	m,p-Xylene	8.95	106	645558	252.03 ng		95
59) C247	o-Xylene	9.38	106	316758	125.70 ng		99
60) C245	Styrene	9.40	104	513886	128.24 ng		99
61) C180	Bromoform	9.62	173	86100	127.10 ng		98
64) C966	Isopropylbenzene	9.75	105	834612	125.86 ng		97
65) C301	Bromobenzene	10.08	156	203232	124.15 ng		93
66) C225	1,1,2,2-Tetrachloroe	10.10	83	191055	124.45 ng		100
67) C282	1,2,3-Trichloropropa	10.14	110	61013	123.06 ng		100
68) C283	t-1,4-Dichloro-2-But	10.15	51	119118	636.12 ng	#	63
69) C302	n-Propylbenzene	10.17	91	1048935	127.25 ng		97
70) C303	2-Chlorotoluene	10.27	126	198367	124.35 ng		100
71) C289	4-Chlorotoluene	10.38	126	207032	124.78 ng		100
72) C304	1,3,5-Trimethylbenze	10.34	105	707332	125.58 ng		95
73) C306	tert-Butylbenzene	10.66	134	158192	125.78 ng		95
74) C307	1,2,4-Trimethylbenze	10.71	105	719790	125.96 ng		96
75) C308	sec-Butylbenzene	10.87	105	879746	126.10 ng		96
76) C260	1,3-Dichlorobenzene	10.99	146	393940	124.56 ng		98
77) C309	4-Isopropyltoluene	11.00	119	803085	127.34 ng		98
78) C267	1,4-Dichlorobenzene	11.08	146	404003	123.24 ng		97
79) C249	1,2-Dichlorobenzene	11.42	146	384241	123.10 ng		89
80) C310	n-Butylbenzene	11.38	91	731820	125.27 ng		98
81) C286	1,2-Dibromo-3-Chloro	12.12	75	34009	123.46 ng		90
82) C313	1,2,4-Trichlorobenze	12.82	180	260502	110.82 ng		97
83) C316	Hexachlorobutadiene	12.95	225	120266	115.44 ng		98
84) C314	Naphthalene	13.03	128	536501	110.02 ng		99
85) C934	1,2,3-Trichlorobenze	13.23	180	220456	107.07 ng		96

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

Data File: C:\MSDCHEM\1\DATA\122005\G7408.D
Acq On : 20 Dec 2005 13:18
Sample : VSTD025
Misc :
Integrator: RTE
Quant Time: Dec 20 14:58:01 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 20 14:56:38 2005
Response via : Initial Calibration
Data Path : C:\MSDCHEM\1\DATA\122005\
Operator : LH/TRB



(7) C275 Trichlorofluoromethane (T)

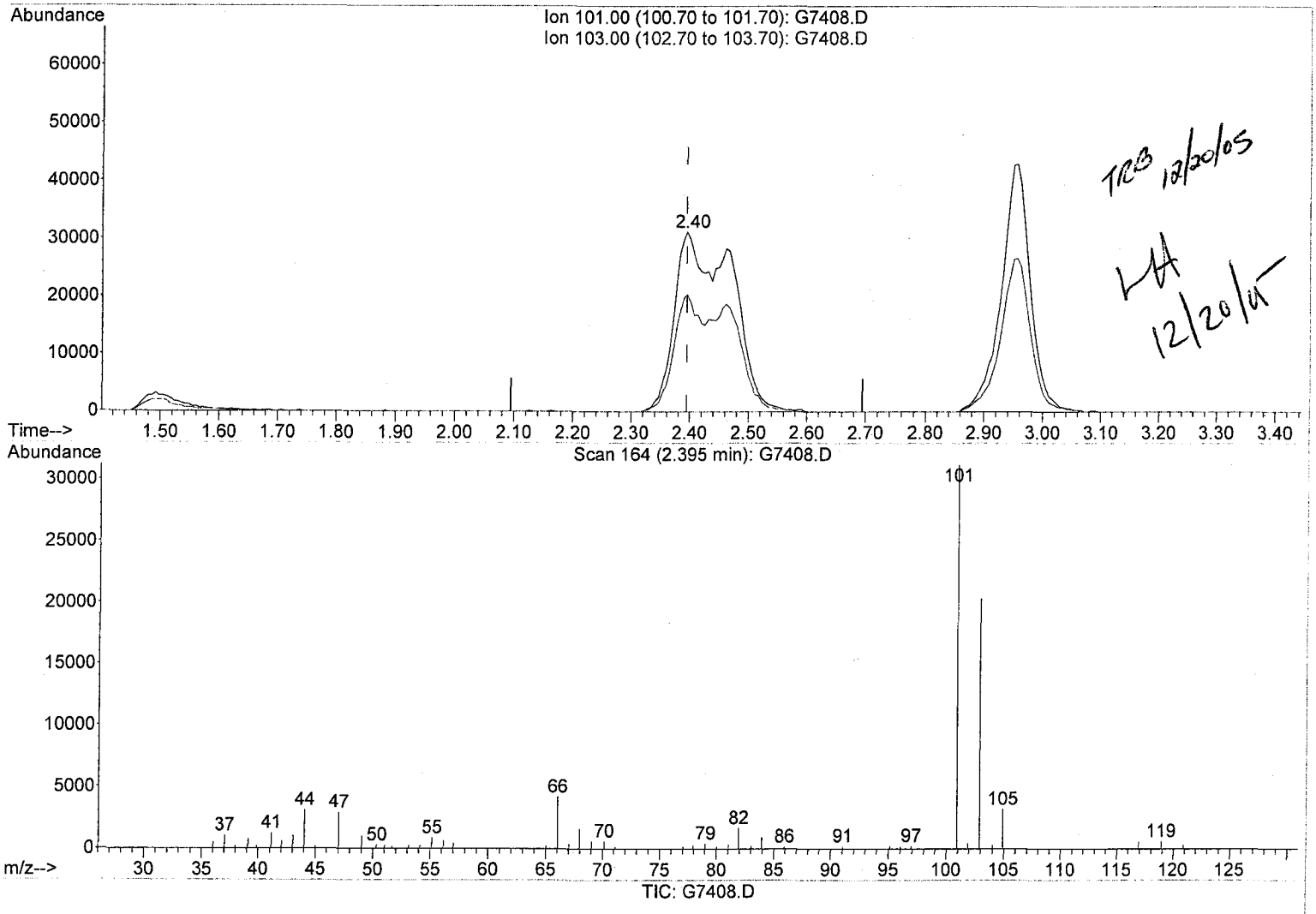
2.40min (+0.000) 106.75ng

response 121676

Ion	Exp%	Act%
101.00	100	100
103.00	63.20	65.32
0.00	0.00	0.00
0.00	0.00	0.00

Data File: C:\MSDCHEM\1\DATA\122005\G7408.D
Acq On : 20 Dec 2005 13:18
Sample : VSTD025
Misc :
Integrator: RTE
Quant Time: Dec 20 14:58:01 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 20 14:56:38 2005
Response via : Initial Calibration
Data Path : C:\MSDCHEM\1\DATA\122005\
Operator : LH/TRB



(7) C275 Trichlorofluoromethane (T)

2.40min (+0.000) 184.89ng m

response 210740

Ion	Exp%	Act%
101.00	100	100
103.00	63.20	65.32
0.00	0.00	0.00
0.00	0.00	0.00

Data File: C:\MSDCHEM\1\DATA\122005\G7406.D
Acq On : 20 Dec 2005 11:27
Sample : VSTD050
Misc :
Integrator: RTE
Quant Time: Dec 20 14:58:37 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 20 14:56:38 2005
Response via : Initial Calibration
Data Path : C:\MSDCHEM\1\DATA\122005\
Operator : LH/TRB

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.81	114	383133	125.00	ng		0.00 129.21%
43) CI20	Chlorobenzene-D5	8.70	82	193571	125.00	ng		0.00 133.31%
63) CI30	1,4-Dichlorobenzene-	11.06	152	186771	125.00	ng		0.00 116.84%
System Monitoring Compounds								
26) CS87	Dibromofluoromethane	5.10	111	233872	243.86	NG		0.00
Spiked Amount	125.000	Range	70 - 130	Recovery	=	195.09%#		
31) CS15	1,2-Dichloroethane-D	5.41	65	300407	243.56	ng		0.00
Spiked Amount	125.000	Range	73 - 136	Recovery	=	194.85%#		
44) CS05	Toluene-D8	7.22	98	942280	241.41	ng		0.00
Spiked Amount	125.000	Range	77 - 122	Recovery	=	193.13%#		
62) CS10	p-Bromofluorobenzene	9.94	174	287723	239.91	ng		0.00
Spiked Amount	125.000	Range	74 - 120	Recovery	=	191.93%#		
Target Compounds								Qvalue
2) C290	Dichlorodifluorometh	1.49	85	325575	251.03	ng		97
3) C010	Chloromethane	1.63	50	386652	235.75	ng		97
4) C020	Vinyl chloride	1.77	62	383253	242.78	ng		99
5) C015	Bromomethane	2.05	94	163783	219.70	ng		100
6) C025	Chloroethane	2.15	64	197635	231.81	ng		100
7) C275	Trichlorofluorometha	2.47	101	439761m	393.18	ng		96
8) C045	1,1-Dichloroethene	2.93	96	267253	237.35	ng		88
9) C030	Methylene chloride	3.44	84	322227	208.73	ng		90
10) C040	Carbon disulfide	3.14	76	791928	240.10	ng		97
11) C036	Acrolein	2.86	56	495382	4774.05	ng		100
12) C038	Acrylonitrile	3.68	53	2414042	4983.55	ng		100
13) C035	Acetone	3.02	43	507027	1216.77	ng		98
14) C300	Acetonitrile	3.30	41	1787691	9812.80	ng		100
15) C276	Iodomethane	3.09	142	454069	250.01	ng		95
16) C291	1,1,2-Trichloro-1,2,	2.96	101	307657	261.18	ng		93
17) C962	T-butyl Methyl Ether	3.69	73	1007005	248.18	ng		92
18) C057	trans-1,2-Dichloroet	3.68	96	300905	238.09	ng	#	52
19) C255	Methyl Acetate	3.33	43	421558	228.09	ng		97
20) C050	1,1-Dichloroethane	4.09	63	580043	241.17	ng		98
21) C125	Vinyl Acetate	4.13	43	3327739	1296.74	ng		96
22) C051	2,2-Dichloropropane	4.63	77	491649	239.59	ng		92
23) C056	cis-1,2-Dichloroethe	4.64	96	336305	239.25	ng		92
24) C272	Tetrahydrofuran	4.91	42	540123	1239.49	ng		92
25) C222	Bromochloromethane	4.87	128	166526	243.65	ng		91
27) C060	Chloroform	4.95	83	562016	241.78	ng		96
28) C115	1,1,1-Trichloroethan	5.10	97	486229	243.52	ng		95
29) C120	Carbon tetrachloride	5.25	117	412825	246.09	ng		99
30) C116	1,1-Dichloropropene	5.25	75	440178	243.91	ng		88
32) C165	Benzene	5.44	78	1269683	240.78	ng		98
33) C065	1,2-Dichloroethane	5.48	62	481425	246.83	ng		95
34) C110	2-Butanone	4.66	43	811302	1222.58	ng		93
35) C256	Cyclohexane	5.14	56	594565	254.54	ng		86
36) C150	Trichloroethene	6.06	95	325692	240.34	ng		93

Data File: C:\MSDCHEM\1\DATA\122005\G7406.D
Acq On : 20 Dec 2005 11:27
Sample : VSTD050
Misc :
Integrator: RTE
Quant Time: Dec 20 14:58:37 2005

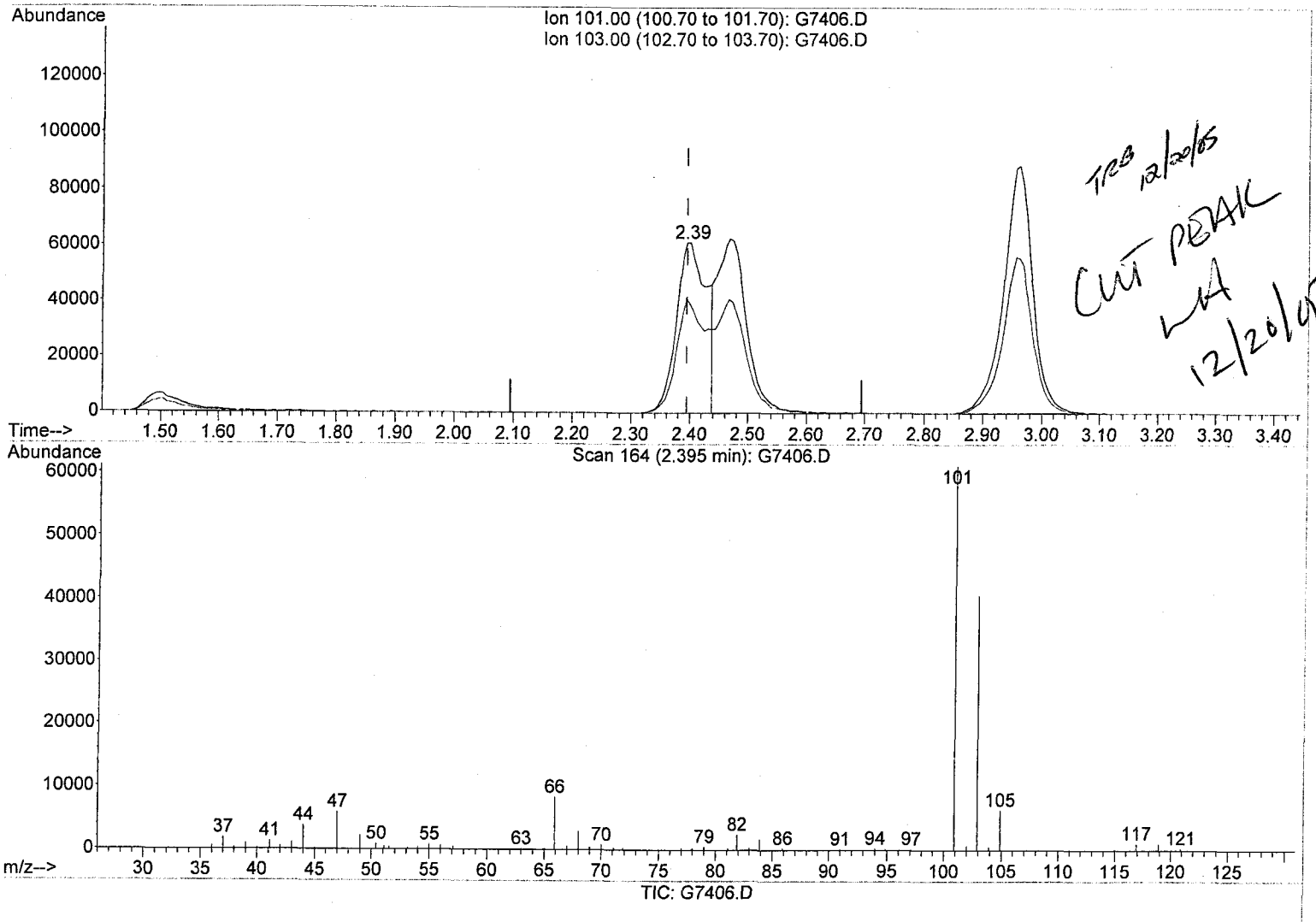
Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 20 14:56:38 2005
Response via : Initial Calibration
Data Path : C:\MSDCHEM\1\DATA\122005\
Operator : LH/TRB

Internal Standards		R.T.	QIon	Response	Conc Units		Dev(Min) Rcv(Ar)
37) C140	1,2-Dichloropropane	6.27	63	341935	244.42 ng		98
38) C278	Dibromomethane	6.40	93	196138	247.39 ng		88
39) C130	Bromodichloromethane	6.55	83	403510	250.11 ng		94
40) C161	2-Chloroethylvinyl E	6.83	63	1168499	1261.29 ng		94
41) C012	Methylcyclohexane	6.22	83	650316	257.87 ng		90
42) C145	cis-1,3-Dichloroprop	6.98	75	516191	248.43 ng		97
45) C230	Toluene	7.29	92	823728	240.17 ng		100
46) C170	trans-1,3-Dichloropr	7.53	75	498481	256.64 ng		94
47) C284	Ethyl Methacrylate	7.60	69	472931	255.95 ng		99
48) C160	1,1,2-Trichloroethan	7.72	83	237517	244.01 ng		99
49) C210	4-Methyl-2-pentanone	7.11	43	1794392	1245.26 ng		100
50) C220	Tetrachloroethene	7.84	166	347432	238.93 ng		92
51) C221	1,3-Dichloropropane	7.89	76	532272	246.39 ng		98
52) C155	Dibromochloromethane	8.13	129	293292	255.88 ng		99
53) C163	1,2-Dibromoethane	8.24	107	291390	248.71 ng		98
54) C215	2-Hexanone	7.95	43	1275141	1240.38 ng		100
55) C235	Chlorobenzene	8.73	112	925582	239.27 ng		98
56) C281	1,1,1,2-Tetrachloroe	8.82	131	315566	248.99 ng		93
57) C240	Ethylbenzene	8.83	91	1577680	241.46 ng		99
58) C246	m,p-Xylene	8.95	106	1214835	477.42 ng		96
59) C247	o-Xylene	9.38	106	601962	240.47 ng		96
60) C245	Styrene	9.40	104	988966	248.43 ng		99
61) C180	Bromoform	9.63	173	180997	268.97 ng		97
64) C966	Isopropylbenzene	9.76	105	1585612	239.67 ng		98
65) C301	Bromobenzene	10.08	156	384892	235.67 ng		95
66) C225	1,1,2,2-Tetrachloroe	10.10	83	378412	247.06 ng		100
67) C282	1,2,3-Trichloropropa	10.14	110	116094	234.71 ng		100
68) C283	t-1,4-Dichloro-2-But	10.15	51	261462	1399.51 ng	#	66
69) C302	n-Propylbenzene	10.17	91	1995604	242.66 ng		98
70) C303	2-Chlorotoluene	10.27	126	377502	237.19 ng		100
71) C289	4-Chlorotoluene	10.38	126	392823	237.31 ng		100
72) C304	1,3,5-Trimethylbenze	10.34	105	1361035	242.21 ng		98
73) C306	tert-Butylbenzene	10.66	134	302576	241.13 ng		95
74) C307	1,2,4-Trimethylbenze	10.71	105	1378112	241.72 ng		97
75) C308	sec-Butylbenzene	10.87	105	1680286	241.40 ng		97
76) C260	1,3-Dichlorobenzene	10.99	146	748633	237.26 ng		96
77) C309	4-Isopropyltoluene	11.00	119	1526068	242.54 ng		98
78) C267	1,4-Dichlorobenzene	11.08	146	778115	237.91 ng		97
79) C249	1,2-Dichlorobenzene	11.42	146	742937	238.57 ng		90
80) C310	n-Butylbenzene	11.38	91	1405287	241.11 ng		98
81) C286	1,2-Dibromo-3-Chloro	12.12	75	71294	259.41 ng		94
82) C313	1,2,4-Trichlorobenze	12.82	180	509093	217.07 ng		98
83) C316	Hexachlorobutadiene	12.95	225	229997	221.29 ng		98
84) C314	Naphthalene	13.03	128	1110728	228.31 ng		99
85) C934	1,2,3-Trichlorobenze	13.23	180	428606	208.64 ng		100

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

Data File: C:\MSDCHEM\1\DATA\122005\G7406.D
Acq On : 20 Dec 2005 11:27
Sample : VSTD050
Misc :
Integrator: RTE
Quant Time: Dec 20 14:57:55 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 20 14:56:38 2005
Response via : Initial Calibration
Data Path : C:\MSDCHEM\1\DATA\122005\
Operator : LH/TRB



TRB 12/20/05
CUT PEAK
LA
12/20/05

(7) C275 Trichlorofluoromethane (T)

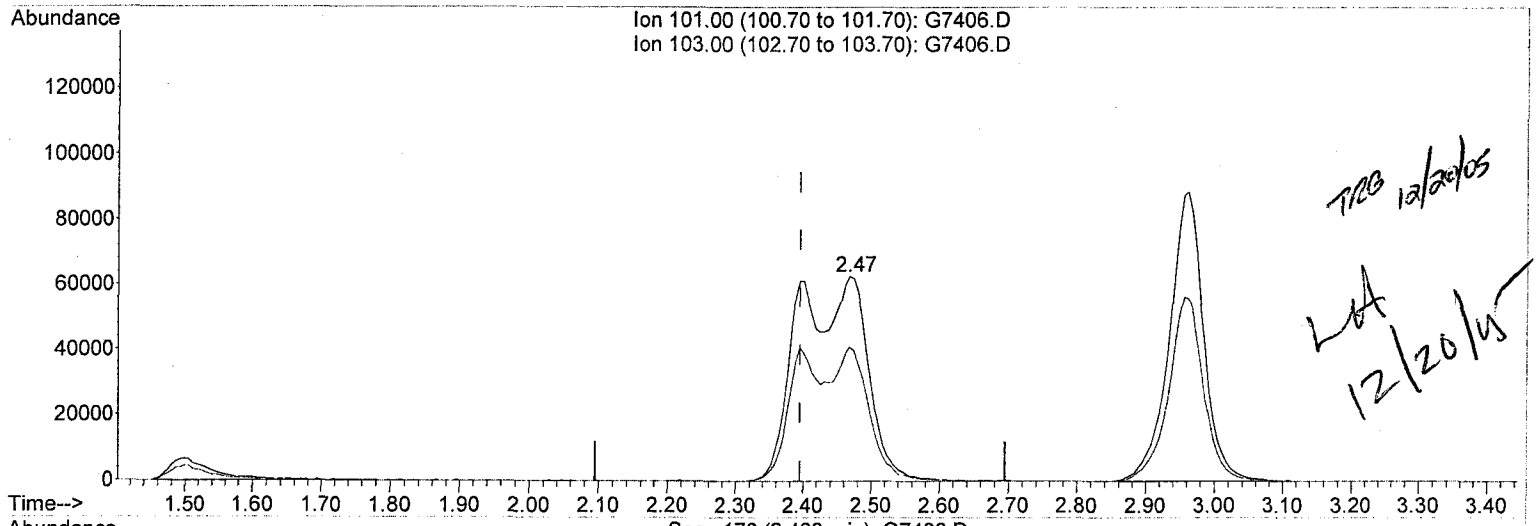
2.39min (+0.000) 196.96ng

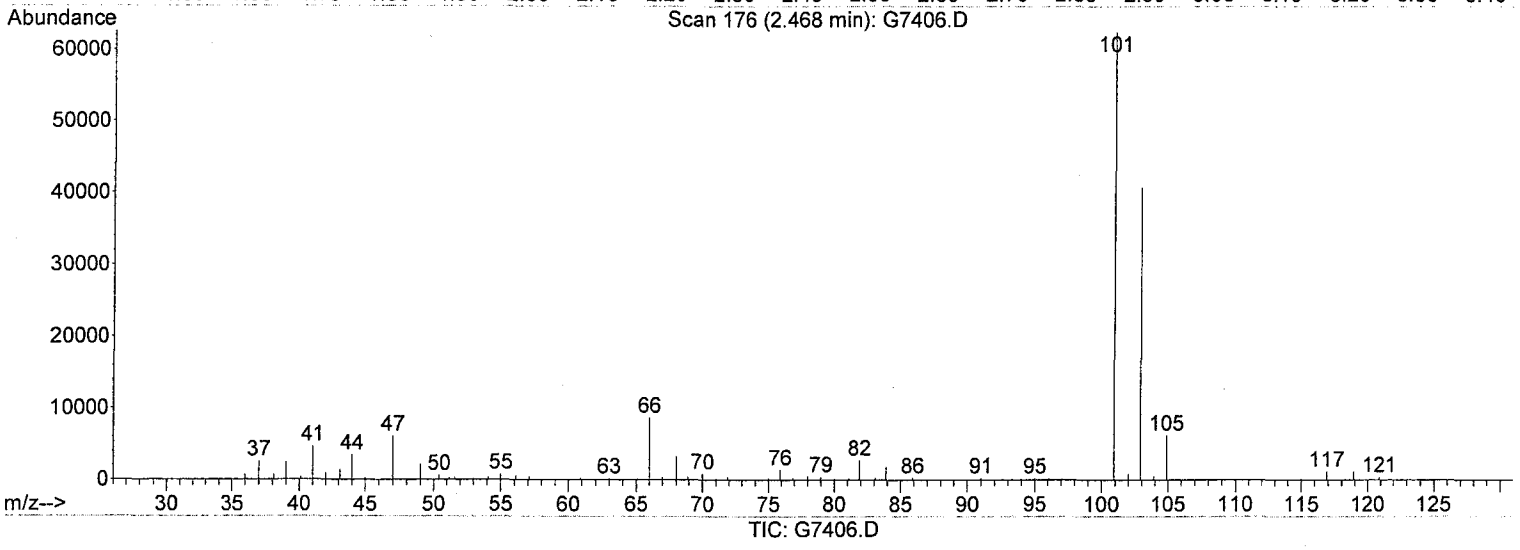
response 220300

Ion	Exp%	Act%
101.00	100	100
103.00	63.20	66.44
0.00	0.00	0.00
0.00	0.00	0.00

Data File: C:\MSDCHEM\1\DATA\122005\G7406.D
Acq On : 20 Dec 2005 11:27
Sample : VSTD050
Misc :
Integrator: RTE
Quant Time: Dec 20 14:57:55 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 20 14:56:38 2005
Response via : Initial Calibration
Data Path : C:\MSDCHEM\1\DATA\122005\
Operator : LH/TRB





TIC: G7406.D

(7) C275 Trichlorofluoromethane (T)

2.47min (+0.073) 393.18ng m

response 439761

Ion	Exp%	Act%
101.00	100	100
103.00	63.20	65.23
0.00	0.00	0.00
0.00	0.00	0.00

Data File: C:\MSDCHEM\1\DATA\122005\G7407.D
Acq On : 20 Dec 2005 11:50
Sample : VSTD100
Misc :
Integrator: RTE
Quant Time: Dec 20 15:00:09 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 20 14:56:38 2005
Response via : Initial Calibration
Data Path : C:\MSDCHEM\1\DATA\122005\
Operator : LH/TRB

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.81	114	396488	125.00	ng	0.00 133.72%
43) CI20	Chlorobenzene-D5	8.70	82	198746	125.00	ng	0.00 136.87%
63) CI30	1,4-Dichlorobenzene-	11.06	152	186826	125.00	ng	0.00 116.88%
System Monitoring Compounds							
26) CS87	Dibromofluoromethane	5.10	111	537599	541.68	NG	0.00
Spiked Amount	125.000	Range	70 - 130	Recovery	=	433.34%#	
31) CS15	1,2-Dichloroethane-D	5.41	65	697344	546.33	ng	0.00
Spiked Amount	125.000	Range	73 - 136	Recovery	=	437.06%#	
44) CS05	Toluene-D8	7.22	98	2131211	531.78	ng	0.00
Spiked Amount	125.000	Range	77 - 122	Recovery	=	425.42%#	
62) CS10	p-Bromofluorobenzene	9.94	174	651517	529.10	ng	0.00
Spiked Amount	125.000	Range	74 - 120	Recovery	=	423.28%#	
Target Compounds							Qvalue
2) C290	Dichlorodifluorometh	1.50	85	633030	471.65	ng	98
3) C010	Chloromethane	1.63	50	780422	459.82	ng	95
4) C020	Vinyl chloride	1.78	62	765712m	468.73	ng	0
5) C015	Bromomethane	2.06	94	335471	434.85	ng	99
6) C025	Chloroethane	2.16	64	415711	471.16	ng	100
7) C275	Trichlorofluorometha	2.47	101	868471m	750.32	ng	99
8) C045	1,1-Dichloroethene	2.94	96	545884	468.48	ng	88
9) C030	Methylene chloride	3.44	84	656833	411.15	ng	89
10) C040	Carbon disulfide	3.14	76	1616177	473.50	ng	97
11) C036	Acrolein	2.86	56	1088815	10139.58	ng	99
12) C038	Acrylonitrile	3.68	53	4726473	9428.68	ng	100
13) C035	Acetone	3.02	43	1024127	2374.93	ng	97
14) C300	Acetonitrile	3.31	41	3570604	18939.20	ng	100
15) C276	Iodomethane	3.09	142	901481	479.65	ng	95
16) C291	1,1,2-Trichloro-1,2,	2.97	101	605137	496.42	ng	92
17) C962	T-butyl Methyl Ether	3.69	73	2001349	476.62	ng	92
18) C057	trans-1,2-Dichloroet	3.69	96	594421	454.49	ng	# 53
19) C255	Methyl Acetate	3.33	43	854052	446.53	ng	97
20) C050	1,1-Dichloroethane	4.09	63	1185654	476.36	ng	98
21) C125	Vinyl Acetate	4.13	43	6533023	2460.01	ng	96
22) C051	2,2-Dichloropropane	4.63	77	1003945	472.76	ng	94
23) C056	cis-1,2-Dichloroethe	4.64	96	677223	465.55	ng	91
24) C272	Tetrahydrofuran	4.91	42	1085107	2406.26	ng	93
25) C222	Bromochloromethane	4.87	128	335592	474.47	ng	93
27) C060	Chloroform	4.95	83	1138060	473.10	ng	96
28) C115	1,1,1-Trichloroethan	5.10	97	991605	479.90	ng	95
29) C120	Carbon tetrachloride	5.25	117	856312	493.26	ng	100
30) C116	1,1-Dichloropropene	5.25	75	899152	481.44	ng	87
32) C165	Benzene	5.44	78	2559170	468.96	ng	98
33) C065	1,2-Dichloroethane	5.48	62	982104	486.56	ng	96
34) C110	2-Butanone	4.66	43	1623914	2364.70	ng	94
35) C256	Cyclohexane	5.14	56	1174359	485.82	ng	87
36) C150	Trichloroethene	6.06	95	668779	476.90	ng	94

Data File: C:\MSDCHEM\1\DATA\122005\G7407.D
Acq On : 20 Dec 2005 11:50
Sample : VSTD100
Misc :
Integrator: RTE
Quant Time: Dec 20 15:00:09 2005

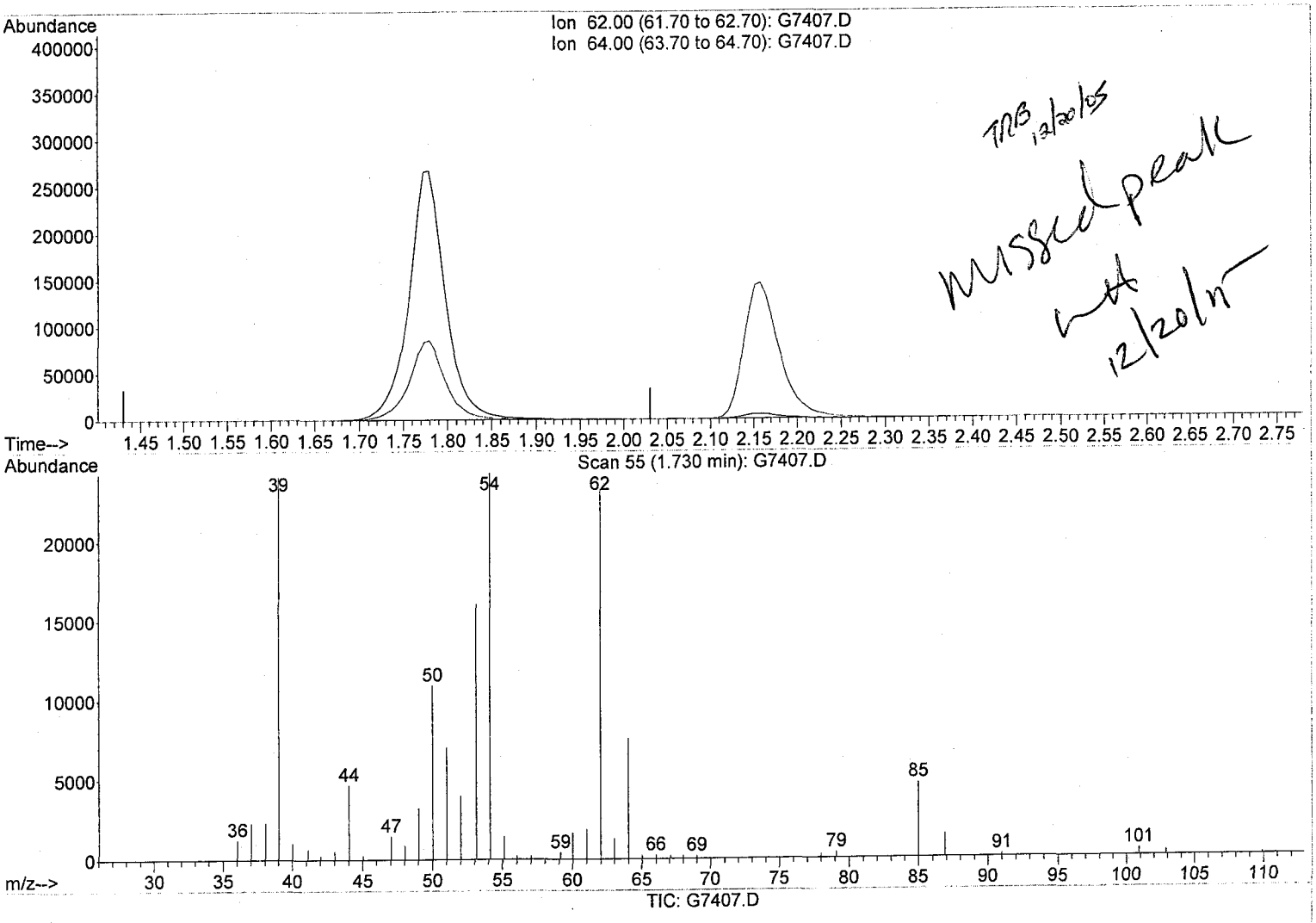
Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 20 14:56:38 2005
Response via : Initial Calibration
Data Path : C:\MSDCHEM\1\DATA\122005\
Operator : LH/TRB

Internal Standards		R.T.	QIon	Response	Conc Units		Dev(Min) Rcv(Ar)
37) C140	1,2-Dichloropropane	6.27	63	702747	485.41 ng		98
38) C278	Dibromomethane	6.41	93	400507	488.15 ng		83
39) C130	Bromodichloromethane	6.56	83	842621	504.70 ng		93
40) C161	2-Chloroethylvinyl E	6.83	63	2324498	2424.57 ng		94
41) C012	Methylcyclohexane	6.22	83	1276538	489.14 ng		90
42) C145	cis-1,3-Dichloroprop	6.98	75	1082827	503.58 ng		98
45) C230	Toluene	7.29	92	1662008	471.97 ng		99
46) C170	trans-1,3-Dichloropr	7.53	75	1034056	518.51 ng		95
47) C284	Ethyl Methacrylate	7.60	69	962147	507.16 ng		99
48) C160	1,1,2-Trichloroethan	7.72	83	484522	484.81 ng		98
49) C210	4-Methyl-2-pentanone	7.11	43	3550249	2399.62 ng		99
50) C220	Tetrachloroethene	7.84	166	697984	467.51 ng		95
51) C221	1,3-Dichloropropane	7.89	76	1075789	485.02 ng		100
52) C155	Dibromochloromethane	8.13	129	620264	527.05 ng		99
53) C163	1,2-Dibromoethane	8.24	107	592450	492.51 ng		99
54) C215	2-Hexanone	7.95	43	2538424	2404.93 ng		100
55) C235	Chlorobenzene	8.74	112	1873356	471.67 ng		98
56) C281	1,1,1,2-Tetrachloroe	8.82	131	637081	489.59 ng		95
57) C240	Ethylbenzene	8.83	91	3149411	469.46 ng		100
58) C246	m,p-Xylene	8.95	106	2433541	931.47 ng		97
59) C247	o-Xylene	9.38	106	1215062	472.75 ng		95
60) C245	Styrene	9.40	104	2001130	489.59 ng		98
61) C180	Bromoform	9.63	173	389309	563.46 ng		97
64) C966	Isopropylbenzene	9.76	105	3198827	483.38 ng		98
65) C301	Bromobenzene	10.08	156	769003	470.72 ng		98
66) C225	1,1,2,2-Tetrachloroe	10.10	83	766437	500.25 ng		99
67) C282	1,2,3-Trichloropropa	10.14	110	235634	476.24 ng		100
68) C283	t-1,4-Dichloro-2-But	10.15	51	567445	3036.44 ng	#	69
69) C302	n-Propylbenzene	10.17	91	3988953	484.91 ng		97
70) C303	2-Chlorotoluene	10.27	126	761241	478.15 ng		100
71) C289	4-Chlorotoluene	10.38	126	788660	476.30 ng		100
72) C304	1,3,5-Trimethylbenze	10.34	105	2715747	483.15 ng		97
73) C306	tert-Butylbenzene	10.66	134	602139	479.72 ng		97
74) C307	1,2,4-Trimethylbenze	10.71	105	2788349	488.94 ng		98
75) C308	sec-Butylbenzene	10.87	105	3375647	484.83 ng		98
76) C260	1,3-Dichlorobenzene	11.00	146	1468805	465.36 ng		97
77) C309	4-Isopropyltoluene	11.00	119	3036689	482.48 ng		99
78) C267	1,4-Dichlorobenzene	11.08	146	1556031	475.62 ng		96
79) C249	1,2-Dichlorobenzene	11.42	146	1479885	475.07 ng		90
80) C310	n-Butylbenzene	11.38	91	2825802	484.69 ng		99
81) C286	1,2-Dibromo-3-Chloro	12.12	75	151898	552.52 ng		94
82) C313	1,2,4-Trichlorobenze	12.82	180	1004748	428.29 ng		99
83) C316	Hexachlorobutadiene	12.95	225	449179	432.04 ng		98
84) C314	Naphthalene	13.03	128	2225133	457.25 ng		98
85) C934	1,2,3-Trichlorobenze	13.23	180	846463	411.93 ng		97

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

Data File: C:\MSDCHEM\1\DATA\122005\G7407.D
Acq On : 20 Dec 2005 11:50
Sample : VSTD100
Misc :
Integrator: RTE
Quant Time: Dec 20 14:57:46 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 20 14:56:38 2005
Response via : Initial Calibration
Data Path : C:\MSDCHEM\1\DATA\122005\
Operator : LH/TRB



(4) C020 Vinyl chloride (T)

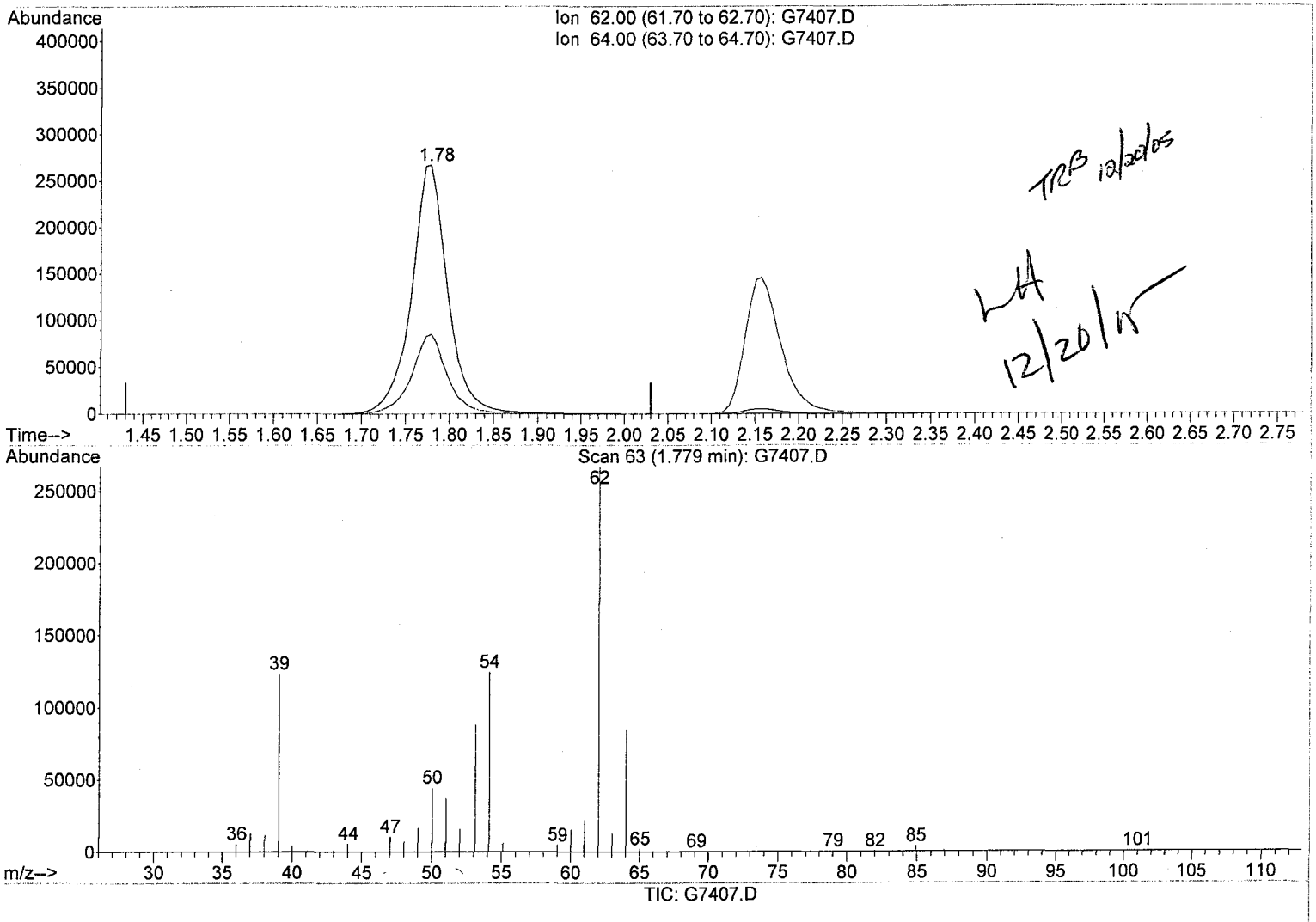
1.73min (-1.730) 0.00ng

response 0

Ion	Exp%	Act%
62.00	100	0.00
64.00	29.90	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Data File: C:\MSDCHEM\1\DATA\122005\G7407.D
Acq On : 20 Dec 2005 11:50
Sample : VSTD100
Misc :
Integrator: RTE
Quant Time: Dec 20 14:57:46 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 20 14:56:38 2005
Response via : Initial Calibration
Data Path : C:\MSDCHEM\1\DATA\122005\
Operator : LH/TRB



(4) C020 Vinyl chloride (T)

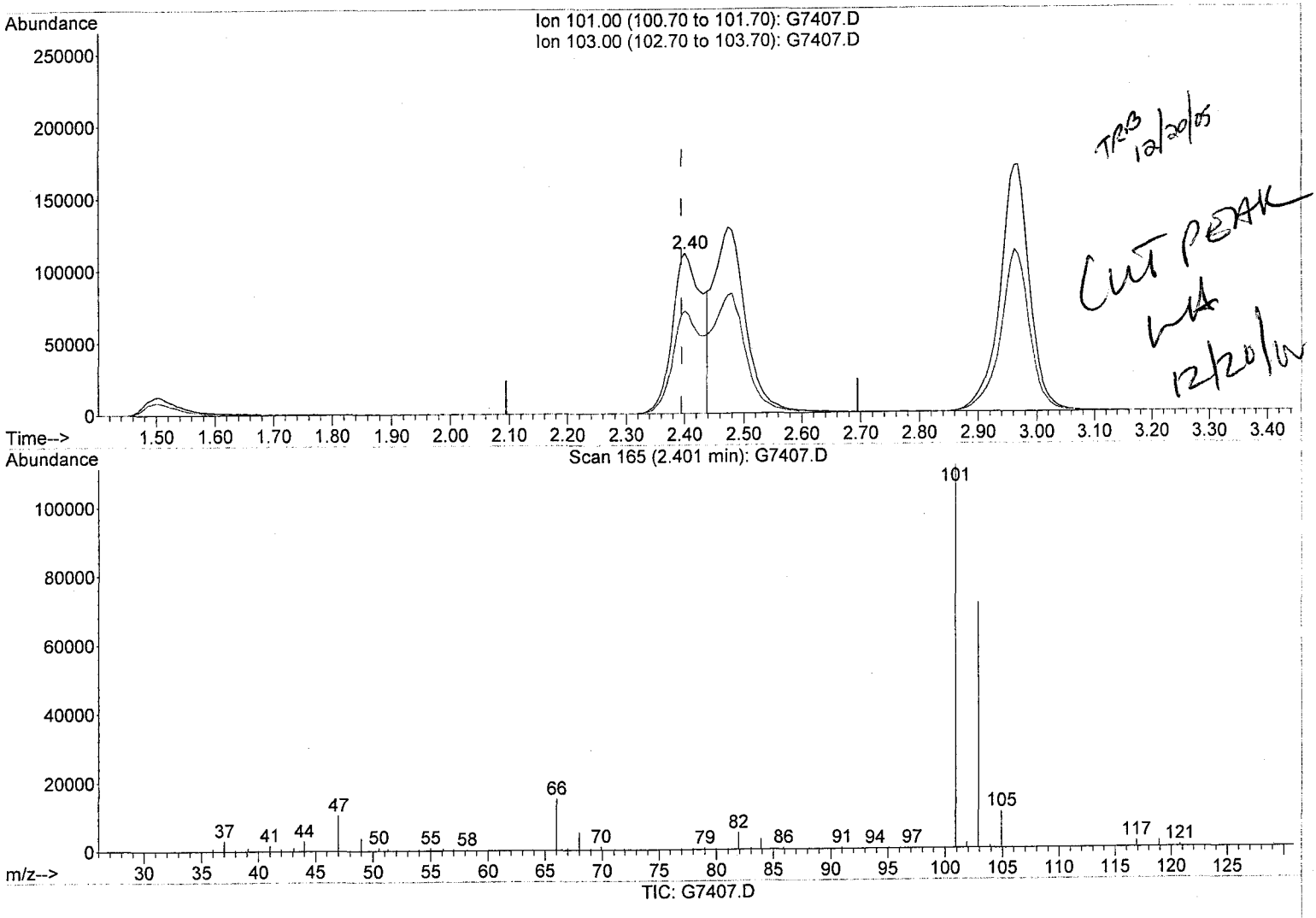
1.78min (+0.049) 468.73ng m

response 765712

Ion	Exp%	Act%
62.00	100	100
64.00	29.90	31.86
0.00	0.00	0.00
0.00	0.00	0.00

Data File: C:\MSDCHEM\1\DATA\122005\G7407.D
Acq On : 20 Dec 2005 11:50
Sample : VSTD100
Misc :
Integrator: RTE
Quant Time: Dec 20 14:57:46 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 20 14:56:38 2005
Response via : Initial Calibration
Data Path : C:\MSDCHEM\1\DATA\122005\
Operator : LH/TRB



(7) C275 Trichlorofluoromethane (T)

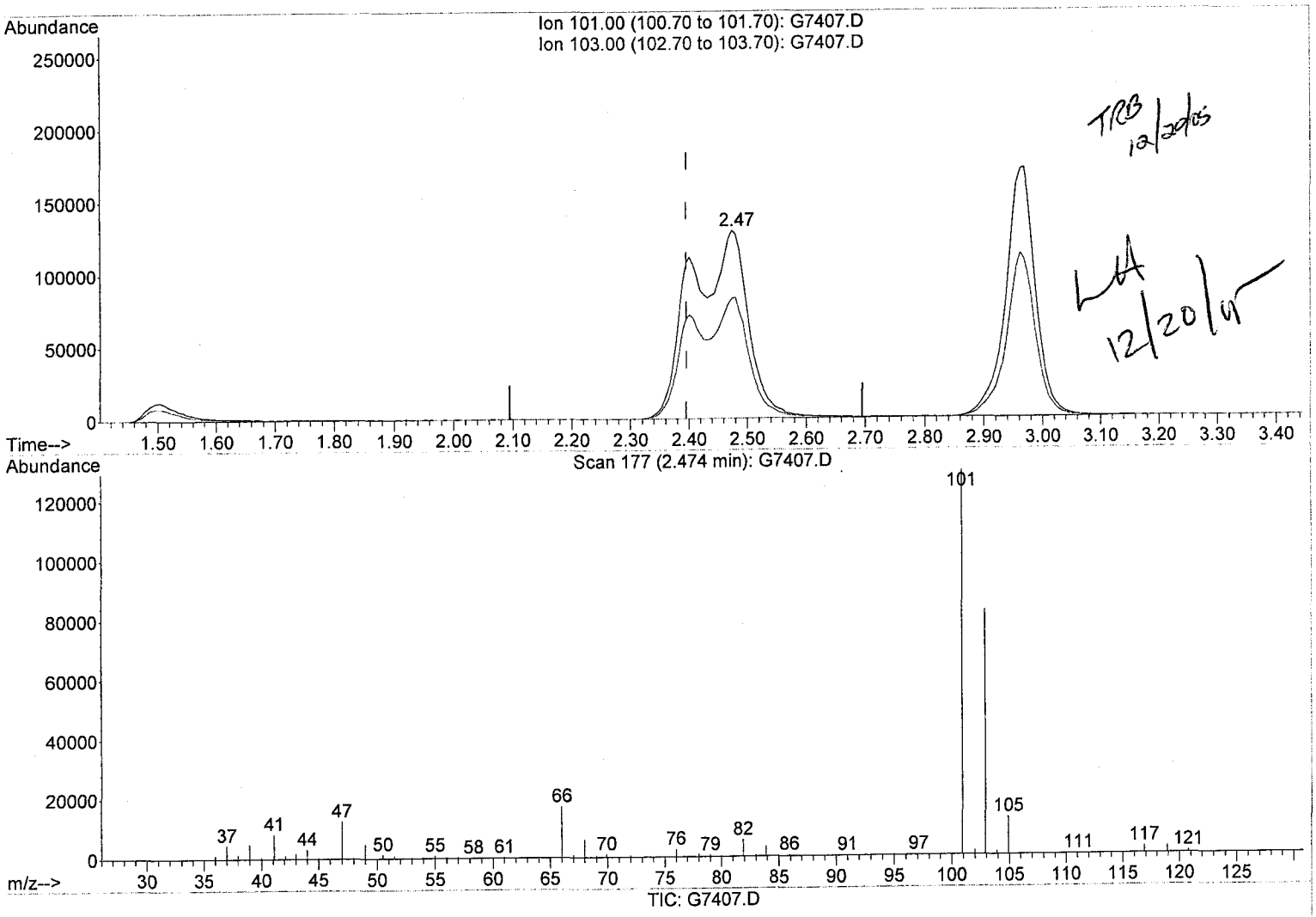
2.40min (+0.006) 335.38ng

response 388189

Ion	Exp%	Act%
101.00	100	100
103.00	63.20	64.06
0.00	0.00	0.00
0.00	0.00	0.00

Data File: C:\MSDCHEM\1\DATA\122005\G7407.D
Acq On : 20 Dec 2005 11:50
Sample : VSTD100
Misc :
Integrator: RTE
Quant Time: Dec 20 14:57:46 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 20 14:56:38 2005
Response via : Initial Calibration
Data Path : C:\MSDCHEM\1\DATA\122005\
Operator : LH/TRB



(7) C275 Trichlorofluoromethane (T)

2.47min (+0.079) 750.32ng m

response 868471

Ion	Exp%	Act%
101.00	100	100
103.00	63.20	63.70
0.00	0.00	0.00
0.00	0.00	0.00

METHOD 8260 - AQUEOUS (30% RSD/ 20% D)
CONTINUING CALIBRATION CHECK

Lab Name: STL Buffalo Contract: 4 Lab Samp ID: A5C0006619-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: 1205GW

Lab File Id: G7591.RR Calibration Date: 12/27/2005 Time: 08:35

Intrument ID: HP5973G Init. Calib. Date(s): 12/20/2005 12/20/2005

Heated Purge (Y/N): N Init. Calib. Times: 11:27 14:25

GC Column: DB-624 ID: 0.25(mm)

COMPOUND	AVG RRF	RRF25	MIN RRF	% D	MAX % D
Chloromethane	0.5350	0.3965	0.1000	25.900	100.00
Bromomethane	0.2430	0.2175	0.0100	10.500	100.00
Vinyl chloride	0.5150	0.4149	0.0100	19.400	20.00
Chloroethane	0.2780	0.2826	0.0100	-1.600	100.00
Methylene chloride	0.5040	0.4527	0.0100	10.200	100.00
Acetone	0.1360	0.2261	0.0100	-66.200	100.00
Carbon Disulfide	1.0760	1.4896	0.0100	-38.400	100.00
1,1-Dichloroethene	0.3670	0.3730	0.0100	-1.600	20.00
1,1-Dichloroethane	0.7850	0.8079	0.1000	-2.900	100.00
cis-1,2-Dichloroethene	0.4590	0.4649	0.0100	-1.300	100.00
trans-1,2-Dichloroethene	0.4120	0.4260	0.0100	-3.400	100.00
Chloroform	0.7580	0.7666	0.0100	-1.100	20.00
1,2-Dichloroethane	0.6360	0.6418	0.0100	-0.900	100.00
2-Butanone	0.2170	0.2266	0.0100	-4.400	100.00
1,1,1-Trichloroethane	0.6510	0.6836	0.0100	-5.000	100.00
Carbon Tetrachloride	0.5470	0.6003	0.0100	-9.700	100.00
Bromodichloromethane	0.5260	0.5715	0.0100	-8.600	100.00
1,2-Dichloropropane	0.4560	0.4690	0.0100	-2.800	20.00
cis-1,3-Dichloropropene	0.6780	0.7409	0.0100	-9.300	100.00
Trichloroethene	0.4420	0.4508	0.0100	-2.000	100.00
Dibromochloromethane	0.7400	0.8244	0.0100	-11.400	100.00
1,1,2-Trichloroethane	0.6290	0.6366	0.0100	-1.200	100.00
Benzene	1.7200	1.7924	0.0100	-4.200	100.00
trans-1,3-Dichloropropene	1.2540	1.3687	0.0100	-9.100	100.00
Bromoform	0.4350	0.5231	0.1000	-20.200	100.00
4-Methyl-2-pentanone	0.9310	0.9567	0.0100	-2.800	100.00
2-Hexanone	0.6640	0.6804	0.0100	-2.500	100.00
Tetrachloroethene	0.9390	0.9449	0.0100	-0.600	100.00
1,1,2,2-Tetrachloroethane	1.0250	1.0636	0.3000	-3.800	100.00
Toluene	2.2150	2.2853	0.0100	-3.200	20.00
Chlorobenzene	2.4980	2.4872	0.3000	0.400	100.00
Ethylbenzene	4.2190	4.3008	0.0100	-1.900	20.00
Styrene	2.5710	2.6673	0.0100	-3.700	100.00
Total Xylenes	1.6170	1.6322	0.0100	-0.900	100.00
1,1,2-Trichloro-1,2,2-trifluoro	0.3840	0.3902	0.0100	-1.600	100.00
1,2,4-Trichlorobenzene	1.5700	1.4114	0.0100	10.100	100.00
1,2-Dibromo-3-chloropropane	0.1840	0.1946	0.0100	-5.800	100.00
1,2-Dibromoethane	0.7570	0.7597	0.0100	-0.400	100.00
1,2-Dichlorobenzene	2.0840	2.0977	0.0100	-0.700	100.00

METHOD 8260 - AQUEOUS (30% RSD/ 20% D)
CONTINUING CALIBRATION CHECK

Lab Name: STL Buffalo Contract: 4 Lab Samp ID: A5C0006619-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: 1205GW

Lab File Id: G7591.RR Calibration Date: 12/27/2005 Time: 08:35

Intrument ID: HP5973G Init. Calib. Date(s): 12/20/2005 12/20/2005

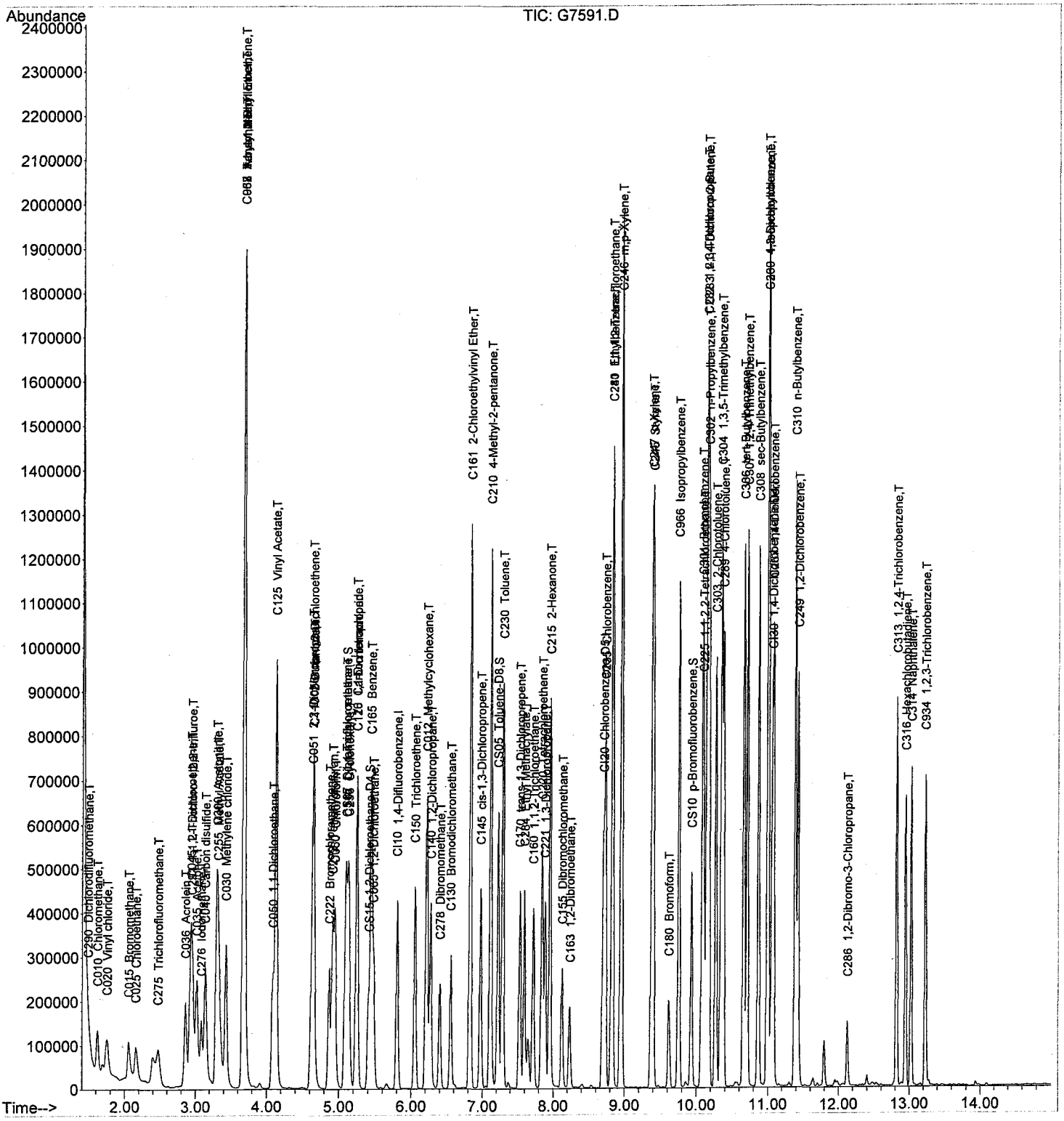
Heated Purge (Y/N): N Init. Calib. Times: 11:27 14:25

GC Column: DB-624 ID: 0.25(mm)

COMPOUND	AVG RRF	RRF25	MIN RRF	% D	MAX % D
1,3-Dichlorobenzene	2.1120	2.1442	0.0100	-1.500	100.00
1,4-Dichlorobenzene	2.1890	2.2056	0.0100	-0.800	100.00
Cyclohexane	0.7620	0.7715	0.0100	-1.200	100.00
Dichlorodifluoromethane	0.4230	0.2196	0.0100	48.100	100.00
Methyl acetate	0.6030	0.5363	0.0100	11.100	100.00
Naphthalene	3.2560	3.0492	0.0100	6.400	100.00
Trichlorofluoromethane	0.5790	0.5178	0.0100	10.600	100.00
Methyl-t-Butyl Ether (MTBE)	1.3240	1.3389	0.0100	-1.100	100.00
Isopropylbenzene	4.4280	4.4730	0.0100	-1.000	100.00
Methylcyclohexane	0.8230	0.8367	0.0100	-1.700	100.00
Toluene-D8	2.5210	2.4019	0.0100	4.700	100.00
p-Bromofluorobenzene	0.7740	0.7358	0.0100	4.900	100.00
1,2-Dichloroethane-D4	0.4020	0.3780	0.0100	6.000	100.00

Data File: C:\MSDChem\1\DATA\122705\G7591.D
Acq On : 27 Dec 2005 8:35
Sample : VSTD025
Misc :
Integrator: RTE
Quant Time: Dec 27 08:53:49 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Sat Dec 24 10:47:40 2005
Response via : Initial Calibration
Data Path : C:\MSDChem\1\DATA\122705\
Operator : TLC



Data File: C:\MSDChem\1\DATA\122705\G7591.D
Acq On : 27 Dec 2005 8:35
Sample : VSTD025
Misc :
Integrator: RTE
Quant Time: Dec 27 08:53:49 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Sat Dec 24 10:47:40 2005
Response via : Initial Calibration
Data Path : C:\MSDChem\1\DATA\122705\
Operator : TLC

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.80	114	374276	125.00	ng		0.00 101.85%
43) CI20	Chlorobenzene-D5	8.70	82	192006	125.00	ng		0.00 103.85%
63) CI30	1,4-Dichlorobenzene-	11.05	152	183265	125.00	ng		0.00 101.94%
System Monitoring Compounds								
26) CS87	Dibromofluoromethane	5.10	111	111607	119.13	NG		0.00
Spiked Amount	125.000	Range	70 - 130	Recovery	=	95.30%		
31) CS15	1,2-Dichloroethane-D	5.41	65	141460	117.40	ng		0.00
Spiked Amount	125.000	Range	73 - 136	Recovery	=	93.92%		
44) CS05	Toluene-D8	7.22	98	461173	119.11	ng		0.00
Spiked Amount	125.000	Range	77 - 122	Recovery	=	95.29%		
62) CS10	p-Bromofluorobenzene	9.94	174	141284	118.77	ng		0.00
Spiked Amount	125.000	Range	74 - 120	Recovery	=	95.02%		
Target Compounds								Qvalue
2) C290	Dichlorodifluorometh	1.49	85	82185	64.82	ng		99
3) C010	Chloromethane	1.62	50	148383	92.65	ng		96
4) C020	Vinyl chloride	1.75	62	155280	100.74	ng		99
5) C015	Bromomethane	2.06	94	81414	111.79	ng		96
6) C025	Chloroethane	2.16	64	105769	126.99	ng		100
7) C275	Trichlorofluorometha	2.47	101	193800m	111.79	ng		97
8) C045	1,1-Dichloroethene	2.93	96	139605	126.92	ng		87
9) C030	Methylene chloride	3.43	84	169450	112.36	ng		89
10) C040	Carbon disulfide	3.14	76	557511	173.03	ng		98
11) C036	Acrolein	2.86	56	261905	2581.89	ng		100
12) C038	Acrylonitrile	3.68	53	1245716	2632.52	ng		100
13) C035	Acetone	3.02	43	423126	1040.06	ng		100
14) C300	Acetonitrile	3.30	41	918268	5159.74	ng		99
15) C276	Iodomethane	3.08	142	222936	125.66	ng		95
16) C291	1,1,2-Trichloro-1,2,	2.96	101	146050	126.92	ng		92
17) C962	T-butyl Methyl Ether	3.68	73	501135	126.43	ng		93
18) C057	trans-1,2-Dichloroet	3.68	96	159428	129.13	ng	#	51
19) C255	Methyl Acetate	3.33	43	200729	111.15	ng		99
20) C050	1,1-Dichloroethane	4.08	63	302359	128.69	ng		98
21) C125	Vinyl Acetate	4.13	43	1684387	671.90	ng		96
22) C051	2,2-Dichloropropane	4.63	77	266678	133.03	ng		94
23) C056	cis-1,2-Dichloroethe	4.64	96	173990	126.71	ng		92
24) C272	Tetrahydrofuran	4.91	42	286955	674.10	ng		93
25) C222	Bromochloromethane	4.87	128	82920	124.19	ng		89
27) C060	Chloroform	4.95	83	286927	126.36	ng		93
28) C115	1,1,1-Trichloroethan	5.10	97	255848	131.17	ng		97
29) C120	Carbon tetrachloride	5.25	117	224673	137.10	ng		99
30) C116	1,1-Dichloropropene	5.24	75	230733	130.88	ng		86
32) C165	Benzene	5.44	78	670869	130.23	ng		98
33) C065	1,2-Dichloroethane	5.47	62	240227	126.08	ng		97
34) C110	2-Butanone	4.66	43	424104	654.22	ng		95
35) C256	Cyclohexane	5.13	56	288739	126.54	ng		87
36) C150	Trichloroethene	6.05	95	168738	127.47	ng		96

Data File: C:\MSDChem\1\DATA\122705\G7591.D
Acq On : 27 Dec 2005 8:35
Sample : VSTD025
Misc :
Integrator: RTE
Quant Time: Dec 27 08:53:49 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Sat Dec 24 10:47:40 2005
Response via : Initial Calibration
Data Path : C:\MSDChem\1\DATA\122705\
Operator : TLC

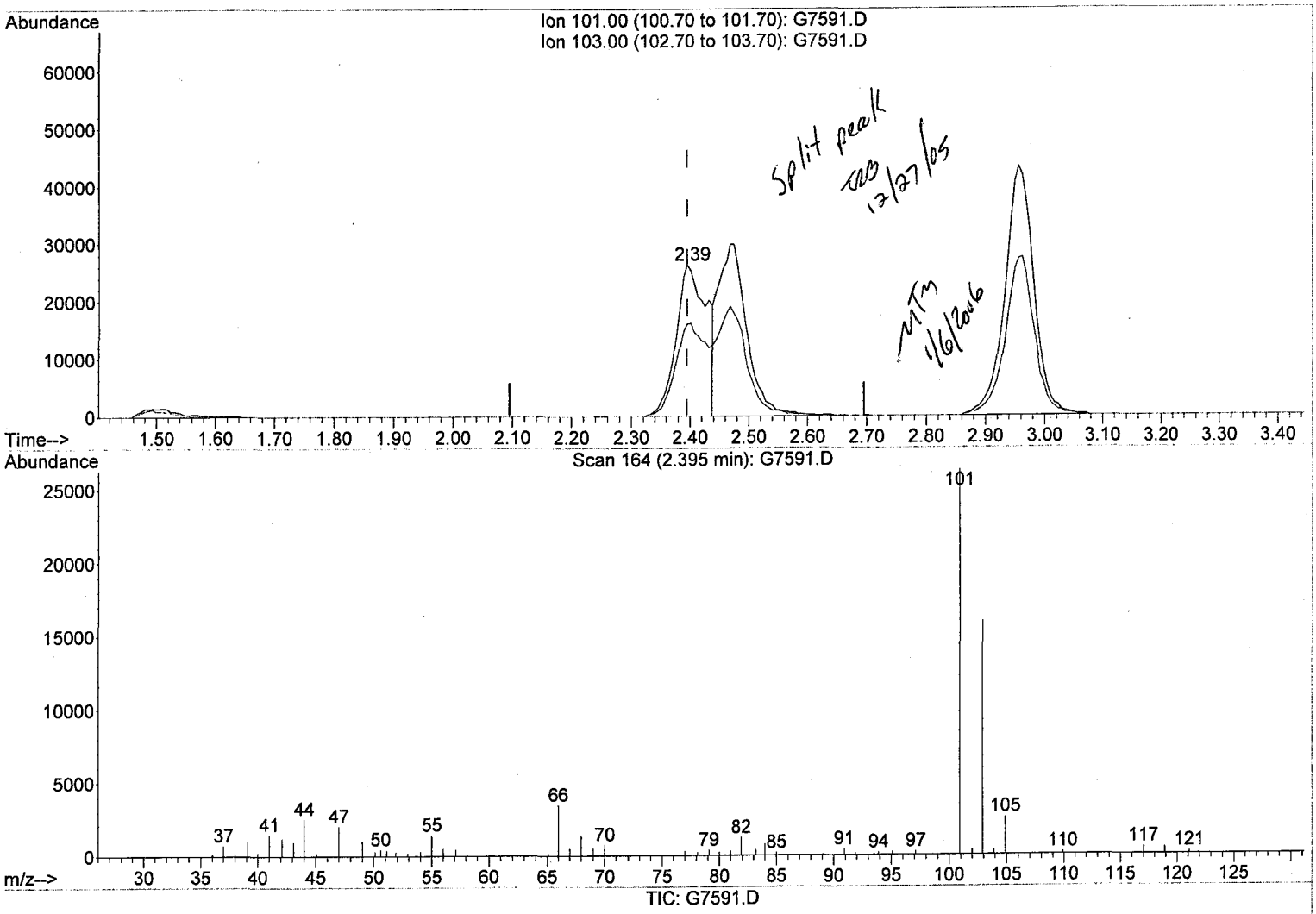
Internal Standards		R.T.	QIon	Response	Conc Units		Dev(Min) Rcv(Ar)
37) C140	1,2-Dichloropropane	6.27	63	175521	128.43 ng		98
38) C278	Dibromomethane	6.40	93	98701	127.44 ng		83
39) C130	Bromodichloromethane	6.55	83	213891	135.72 ng		95
40) C161	2-Chloroethylvinyl E	6.83	63	591638	653.73 ng		94
41) C012	Methylcyclohexane	6.22	83	313148	127.11 ng		90
42) C145	cis-1,3-Dichloroprop	6.97	75	277293	136.61 ng		99
45) C230	Toluene	7.29	92	438793	128.98 ng		100
46) C170	trans-1,3-Dichloropr	7.53	75	262806	136.41 ng		94
47) C284	Ethyl Methacrylate	7.60	69	237675	129.68 ng		98
48) C160	1,1,2-Trichloroethan	7.72	83	122237	126.60 ng		97
49) C210	4-Methyl-2-pentanone	7.11	43	918418	642.55 ng		99
50) C220	Tetrachloroethene	7.84	166	181426	125.78 ng		92
51) C221	1,3-Dichloropropane	7.88	76	268602	125.35 ng		98
52) C155	Dibromochloromethane	8.13	129	158297	139.23 ng		99
53) C163	1,2-Dibromoethane	8.24	107	145872	125.52 ng		100
54) C215	2-Hexanone	7.95	43	653167	640.45 ng		100
55) C235	Chlorobenzene	8.73	112	477556	124.46 ng		99
56) C281	1,1,1,2-Tetrachloroe	8.82	131	162679	129.40 ng		93
57) C240	Ethylbenzene	8.83	91	825778	127.41 ng		100
58) C246	m,p-Xylene	8.95	106	642710	254.64 ng		95
59) C247	o-Xylene	9.38	106	313383	126.21 ng		94
60) C245	Styrene	9.40	104	512141	129.70 ng		99
61) C180	Bromoform	9.62	173	100443	150.48 ng		99
64) C966	Isopropylbenzene	9.75	105	819744	126.28 ng		98
65) C301	Bromobenzene	10.08	156	198925	124.13 ng		96
66) C225	1,1,2,2-Tetrachloroe	10.10	83	194919	129.69 ng		99
67) C282	1,2,3-Trichloropropa	10.14	110	59918	123.45 ng		100
68) C283	t-1,4-Dichloro-2-But	10.15	51	176380	962.55 ng	#	75
69) C302	n-Propylbenzene	10.17	91	1071230	132.75 ng		98
70) C303	2-Chlorotoluene	10.27	126	196177	125.62 ng		100
71) C289	4-Chlorotoluene	10.37	126	204551	125.94 ng		100
72) C304	1,3,5-Trimethylbenze	10.34	105	707867	128.38 ng		98
73) C306	tert-Butylbenzene	10.66	134	155800	126.54 ng		97
74) C307	1,2,4-Trimethylbenze	10.71	105	723536	129.34 ng		96
75) C308	sec-Butylbenzene	10.87	105	876713	128.36 ng		98
76) C260	1,3-Dichlorobenzene	10.99	146	392958	126.92 ng		98
77) C309	4-Isopropyltoluene	11.00	119	802972	130.06 ng		98
78) C267	1,4-Dichlorobenzene	11.08	146	404204	125.95 ng		97
79) C249	1,2-Dichlorobenzene	11.42	146	384439	125.81 ng		89
80) C310	n-Butylbenzene	11.38	91	738866	129.19 ng		97
81) C286	1,2-Dibromo-3-Chloro	12.12	75	35664	132.25 ng		96
82) C313	1,2,4-Trichlorobenze	12.82	180	258660	112.40 ng		100
83) C316	Hexachlorobutadiene	12.95	225	116741	114.47 ng		97
84) C314	Naphthalene	13.03	128	558806	117.06 ng		99
85) C934	1,2,3-Trichlorobenze	13.23	180	214700	106.51 ng		98

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

Quantitation Report (Qedit)

Data File: C:\MSDChem\1\DATA\122705\G7591.D
Acq On : 27 Dec 2005 8:35
Sample : VSTD025
Misc :
Integrator: RTE
Quant Time: Dec 27 08:51:51 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Sat Dec 24 10:47:40 2005
Response via : Initial Calibration
Data Path : C:\MSDChem\1\DATA\122705\
Operator : TLC



(7) C275 Trichlorofluoromethane (T)

2.39min (-0.000) 54.27ng

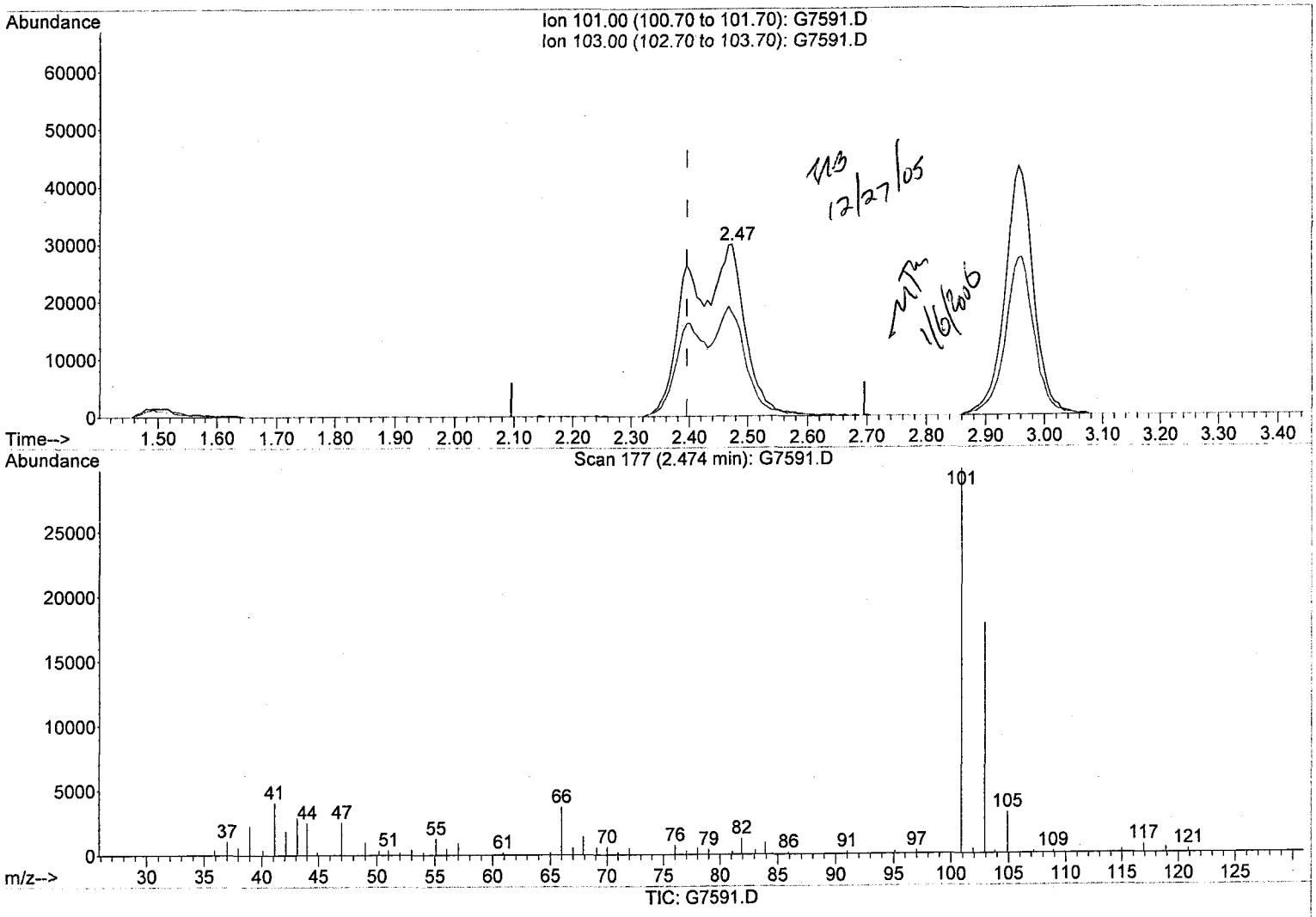
response 94091

Ion	Exp%	Act%
101.00	100	100
103.00	63.20	60.77
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File: C:\MSDChem\1\DATA\122705\G7591.D
Acq On : 27 Dec 2005 8:35
Sample : VSTD025
Misc :
Integrator: RTE
Quant Time: Dec 27 08:51:51 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Sat Dec 24 10:47:40 2005
Response via : Initial Calibration
Data Path : C:\MSDChem\1\DATA\122705\
Operator : TLC



(7) C275 Trichlorofluoromethane (T)

2.47min (+0.079) 111.79ng m

response 193800

Ion	Exp%	Act%
101.00	100	100
103.00	63.20	59.83
0.00	0.00	0.00
0.00	0.00	0.00

METHOD 8260 - AQUEOUS (30% RSD/ 20% D)
CONTINUING CALIBRATION CHECK

Lab Name: STL Buffalo Contract: 4 Lab Samp ID: A5C0006622-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: 1205GW

Lab File Id: G7615.RR Calibration Date: 12/27/2005 Time: 20:41

Intrument ID: HP5973G Init. Calib. Date(s): 12/20/2005 12/20/2005

Heated Purge (Y/N): N Init. Calib. Times: 11:27 14:25

GC Column: DB-624 ID: 0.25(mm)

COMPOUND	AVG RRF	RRF25	MIN RRF	% D	MAX % D
Chloromethane	0.5350	0.4807	0.1000	10.100	100.00
Bromomethane	0.2430	0.2271	0.0100	6.500	100.00
Vinyl chloride	0.5150	0.4801	0.0100	6.800	20.00
Chloroethane	0.2780	0.2863	0.0100	-3.000	100.00
Methylene chloride	0.5040	0.4267	0.0100	15.300	100.00
Acetone	0.1360	0.1378	0.0100	-1.300	100.00
Carbon Disulfide	1.0760	1.0944	0.0100	-1.700	100.00
1,1-Dichloroethene	0.3670	0.3577	0.0100	2.500	20.00
1,1-Dichloroethane	0.7850	0.7545	0.1000	3.900	100.00
cis-1,2-Dichloroethene	0.4590	0.4420	0.0100	3.700	100.00
trans-1,2-Dichloroethene	0.4120	0.4066	0.0100	1.300	100.00
Chloroform	0.7580	0.7293	0.0100	3.800	20.00
1,2-Dichloroethane	0.6360	0.6220	0.0100	2.200	100.00
2-Butanone	0.2170	0.2195	0.0100	-1.200	100.00
1,1,1-Trichloroethane	0.6510	0.6391	0.0100	1.800	100.00
Carbon Tetrachloride	0.5470	0.5380	0.0100	1.600	100.00
Bromodichloromethane	0.5260	0.4970	0.0100	5.500	100.00
1,2-Dichloropropane	0.4560	0.4458	0.0100	2.200	20.00
cis-1,3-Dichloropropene	0.6780	0.6458	0.0100	4.700	100.00
Trichloroethene	0.4420	0.4252	0.0100	3.800	100.00
Dibromochloromethane	0.7400	0.6795	0.0100	8.200	100.00
1,1,2-Trichloroethane	0.6290	0.6087	0.0100	3.200	100.00
Benzene	1.7200	1.6705	0.0100	2.900	100.00
trans-1,3-Dichloropropene	1.2540	1.1798	0.0100	5.900	100.00
Bromoform	0.4350	0.3877	0.1000	10.900	100.00
4-Methyl-2-pentanone	0.9310	0.9538	0.0100	-2.400	100.00
2-Hexanone	0.6640	0.6748	0.0100	-1.600	100.00
Tetrachloroethene	0.9390	0.9052	0.0100	3.600	100.00
1,1,2,2-Tetrachloroethane	1.0250	1.0273	0.3000	-0.200	100.00
Toluene	2.2150	2.1334	0.0100	3.700	20.00
Chlorobenzene	2.4980	2.4200	0.3000	3.100	100.00
Ethylbenzene	4.2190	4.1350	0.0100	2.000	20.00
Styrene	2.5710	2.5271	0.0100	1.700	100.00
Total Xylenes	1.6170	1.5615	0.0100	3.400	100.00
1,1,2-Trichloro-1,2,2-trifluoro	0.3840	0.4013	0.0100	-4.500	100.00
1,2,4-Trichlorobenzene	1.5700	1.2886	0.0100	17.900	100.00
1,2-Dibromo-3-chloropropane	0.1840	0.1722	0.0100	6.400	100.00
1,2-Dibromoethane	0.7570	0.7395	0.0100	2.300	100.00
1,2-Dichlorobenzene	2.0840	1.9914	0.0100	4.400	100.00

METHOD 8260 - AQUEOUS (30% RSD/ 20% D)
CONTINUING CALIBRATION CHECK

Lab Name: STL Buffalo Contract: 4 Lab Samp ID: A5C0006622-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: 1205GW

Lab File Id: G7615.RR Calibration Date: 12/27/2005 Time: 20:41

Intrument ID: HP5973G Init. Calib. Date(s): 12/20/2005 12/20/2005

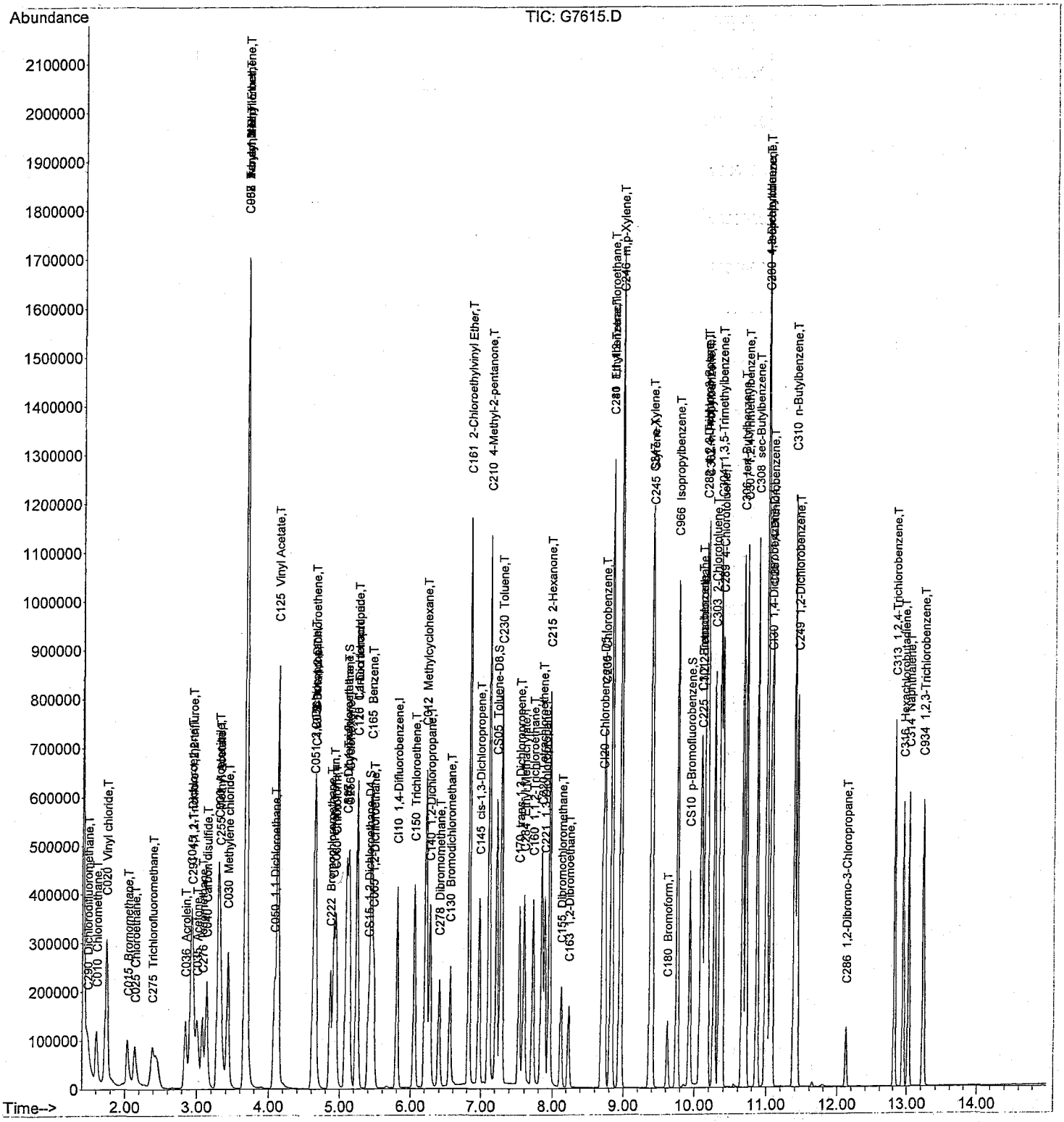
Heated Purge (Y/N): N Init. Calib. Times: 11:27 14:25

GC Column: DB-624 ID: 0.25(mm)

COMPOUND	AVG RRF	RRF25	MIN RRF	% D	MAX % D
1,3-Dichlorobenzene	2.1120	2.0388	0.0100	3.500	100.00
1,4-Dichlorobenzene	2.1890	2.0952	0.0100	4.300	100.00
Cyclohexane	0.7620	0.7753	0.0100	-1.700	100.00
Dichlorodifluoromethane	0.4230	0.3486	0.0100	17.600	100.00
Methyl acetate	0.6030	0.5515	0.0100	8.500	100.00
Naphthalene	3.2560	2.6952	0.0100	17.200	100.00
Trichlorofluoromethane	0.5790	0.5910	0.0100	-2.100	100.00
Methyl-t-Butyl Ether (MTBE)	1.3240	1.3102	0.0100	1.000	100.00
Isopropylbenzene	4.4280	4.3262	0.0100	2.300	100.00
Methylcyclohexane	0.8230	0.8480	0.0100	-3.000	100.00
Toluene-D8	2.5210	2.4037	0.0100	4.600	100.00
p-Bromofluorobenzene	0.7740	0.7215	0.0100	6.800	100.00
1,2-Dichloroethane-D4	0.4020	0.3772	0.0100	6.200	100.00

Data File: C:\MSDCHEM\1\DATA\122705\G7615.D
Acq On : 27 Dec 2005 20:41
Sample : VSTD025
Misc :
Integrator: RTE
Quant Time: Dec 27 21:05:31 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 27 08:55:23 2005
Response via : Initial Calibration
Data Path : C:\MSDCHEM\1\DATA\122705\
Operator : TLC



Data File: C:\MSDCHEM\1\DATA\122705\G7615.D
Acq On : 27 Dec 2005 20:41
Sample : VSTD025
Misc :
Integrator: RTE
Quant Time: Dec 27 21:05:31 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 27 08:55:23 2005
Response via : Initial Calibration
Data Path : C:\MSDCHEM\1\DATA\122705\
Operator : TLC

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.80	114	349549	125.00	ng		0.00 93.39%
43) CI20	Chlorobenzene-D5	8.70	82	177567	125.00	ng		0.00 92.48%
63) CI30	1,4-Dichlorobenzene-	11.05	152	170788	125.00	ng		0.00 93.19%
System Monitoring Compounds								
26) CS87	Dibromofluoromethane	5.10	111	102274	116.89	NG		0.00
Spiked Amount	125.000	Range	70 - 130	Recovery	=	93.51%		
31) CS15	1,2-Dichloroethane-D	5.40	65	131858	117.18	ng		0.00
Spiked Amount	125.000	Range	73 - 136	Recovery	=	93.74%		
44) CS05	Toluene-D8	7.22	98	426817	119.20	ng		0.00
Spiked Amount	125.000	Range	77 - 122	Recovery	=	95.36%		
62) CS10	p-Bromofluorobenzene	9.93	174	128111	116.45	ng		0.00
Spiked Amount	125.000	Range	74 - 120	Recovery	=	93.16%		
Target Compounds								Qvalue
2) C290	Dichlorodifluorometh	1.49	85	121839	102.89	ng		99
3) C010	Chloromethane	1.61	50	168034	112.34	ng		99
4) C020	Vinyl chloride	1.74	62	167805	116.57	ng		99
5) C015	Bromomethane	2.04	94	79374	116.70	ng		100
6) C025	Chloroethane	2.14	64	100082	128.66	ng		97
7) C275	Trichlorofluorometha	2.39	101	206466m	127.52	ng		0
8) C045	1,1-Dichloroethene	2.93	96	125044	121.72	ng		83
9) C030	Methylene chloride	3.43	84	149146	105.90	ng		88
10) C040	Carbon disulfide	3.13	76	382563	127.13	ng		97
11) C036	Acrolein	2.85	56	193798	2045.63	ng		99
12) C038	Acrylonitrile	3.67	53	1144298	2589.26	ng		99
13) C035	Acetone	3.00	43	240795	633.76	ng		97
14) C300	Acetonitrile	3.29	41	833370	5013.95	ng		100
15) C276	Iodomethane	3.08	142	206583	124.68	ng		95
16) C291	1,1,2-Trichloro-1,2,	2.94	101	140291	130.54	ng		92
17) C962	T-butyl Methyl Ether	3.68	73	457965	123.71	ng		92
18) C057	trans-1,2-Dichloroet	3.68	96	142129	123.26	ng	#	51
19) C255	Methyl Acetate	3.32	43	192779	114.30	ng		100
20) C050	1,1-Dichloroethane	4.08	63	263725	120.19	ng		97
21) C125	Vinyl Acetate	4.12	43	1467366	626.73	ng		96
22) C051	2,2-Dichloropropane	4.62	77	229974	122.84	ng		93
23) C056	cis-1,2-Dichloroethe	4.63	96	154491	120.47	ng		91
24) C272	Tetrahydrofuran	4.91	42	250135	629.17	ng		93
25) C222	Bromochloromethane	4.86	128	74598	119.63	ng		91
27) C060	Chloroform	4.94	83	254924	120.20	ng		95
28) C115	1,1,1-Trichloroethan	5.09	97	223392	122.63	ng		94
29) C120	Carbon tetrachloride	5.24	117	188050	122.87	ng		99
30) C116	1,1-Dichloropropene	5.24	75	204070	123.94	ng		87
32) C165	Benzene	5.44	78	583926	121.37	ng		98
33) C065	1,2-Dichloroethane	5.47	62	217412	122.18	ng		97
34) C110	2-Butanone	4.65	43	383704	633.77	ng		96
35) C256	Cyclohexane	5.13	56	271012	127.17	ng		87
36) C150	Trichloroethene	6.05	95	148645	120.23	ng		90

Data File: C:\MSDCHEM\1\DATA\122705\G7615.D
Acq On : 27 Dec 2005 20:41
Sample : VSTD025
Misc :
Integrator: RTE
Quant Time: Dec 27 21:05:31 2005

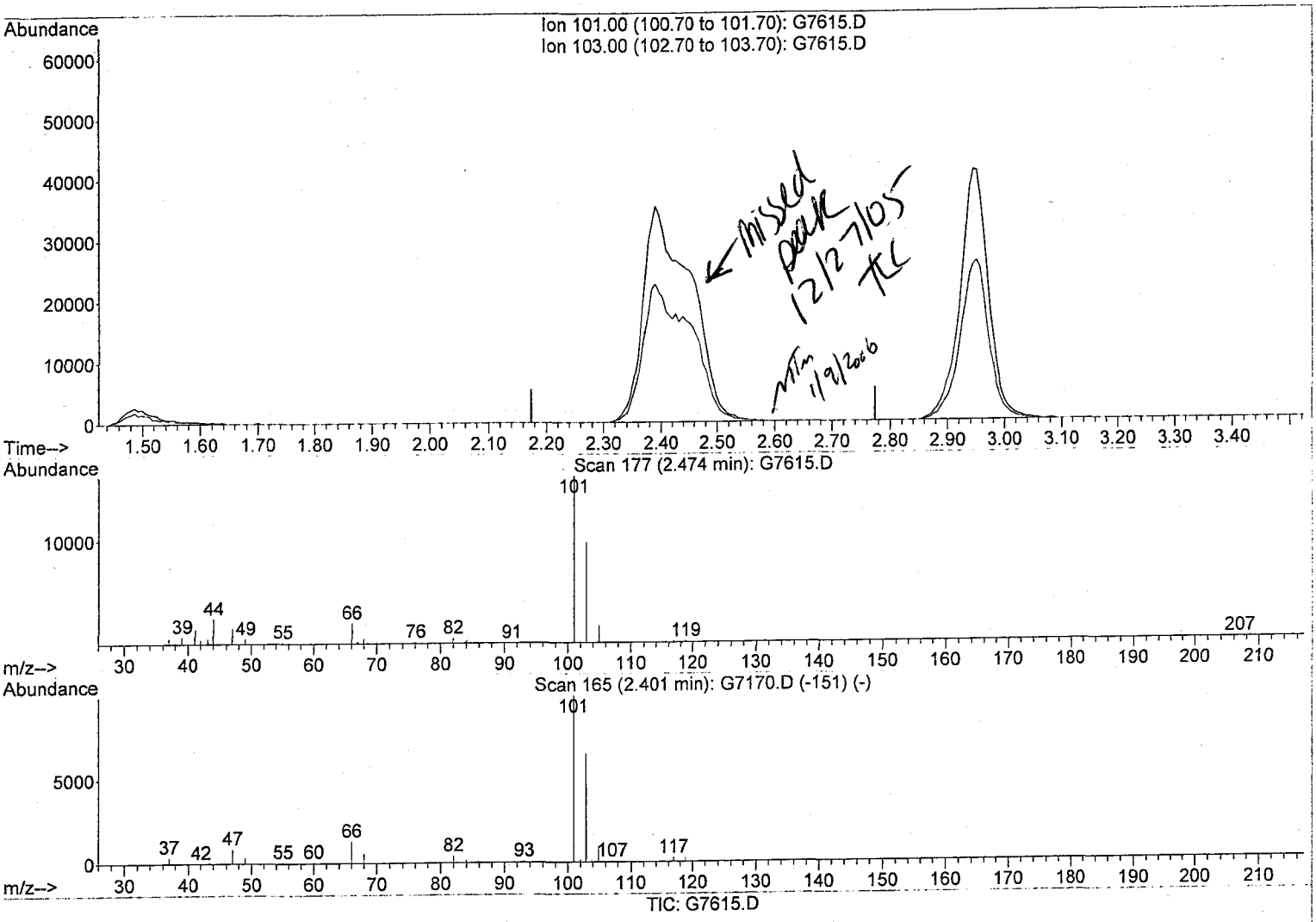
Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 27 08:55:23 2005
Response via : Initial Calibration
Data Path : C:\MSDCHEM\1\DATA\122705\
Operator : TLC

Internal Standards		R.T.	QIon	Response	Conc Units		Dev(Min) Rcv(Ar)
37) C140	1,2-Dichloropropane	6.27	63	155822	122.08 ng		98
38) C278	Dibromomethane	6.40	93	88343	122.13 ng	#	81
39) C130	Bromodichloromethane	6.55	83	173713	118.02 ng		96
40) C161	2-Chloroethylvinyl E	6.82	63	536807	635.11 ng		94
41) C012	Methylcyclohexane	6.21	83	296421	128.83 ng		89
42) C145	cis-1,3-Dichloroprop	6.97	75	225733	119.08 ng		98
45) C230	Toluene	7.28	92	378821	120.41 ng		98
46) C170	trans-1,3-Dichloropr	7.53	75	209489	117.57 ng		93
47) C284	Ethyl Methacrylate	7.60	69	211920	125.03 ng		98
48) C160	1,1,2-Trichloroethan	7.72	83	108083	121.05 ng		99
49) C210	4-Methyl-2-pentanone	7.11	43	846801	640.62 ng		99
50) C220	Tetrachloroethene	7.84	166	160741	120.51 ng		93
51) C221	1,3-Dichloropropane	7.88	76	243084	122.67 ng		98
52) C155	Dibromochloromethane	8.13	129	120653	114.75 ng		99
53) C163	1,2-Dibromoethane	8.24	107	131312	122.18 ng		98
54) C215	2-Hexanone	7.95	43	599073	635.18 ng		99
55) C235	Chlorobenzene	8.73	112	429708	121.10 ng		99
56) C281	1,1,1,2-Tetrachloroe	8.82	131	142137	122.26 ng		94
57) C240	Ethylbenzene	8.83	91	734238	122.50 ng		99
58) C246	m,p-Xylene	8.95	106	568024	243.35 ng		96
59) C247	o-Xylene	9.38	106	277278	120.75 ng		94
60) C245	Styrene	9.40	104	448725	122.88 ng		98
61) C180	Bromoform	9.62	173	68841	111.52 ng		99
64) C966	Isopropylbenzene	9.75	105	738859	122.13 ng		98
65) C301	Bromobenzene	10.08	156	176475	118.17 ng		94
66) C225	1,1,2,2-Tetrachloroe	10.10	83	175456	125.27 ng		99
67) C282	1,2,3-Trichloropropa	10.14	110	54257	119.96 ng		100
68) C283	t-1,4-Dichloro-2-But	10.14	51	124461	728.84 ng	#	65
69) C302	n-Propylbenzene	10.17	91	931075	123.81 ng		97
70) C303	2-Chlorotoluene	10.27	126	176199	121.07 ng		100
71) C289	4-Chlorotoluene	10.38	126	179606	118.66 ng		100
72) C304	1,3,5-Trimethylbenze	10.34	105	627266	122.07 ng		97
73) C306	tert-Butylbenzene	10.66	134	140925	122.82 ng		96
74) C307	1,2,4-Trimethylbenze	10.71	105	635306	121.86 ng		97
75) C308	sec-Butylbenzene	10.87	105	779137	122.41 ng		97
76) C260	1,3-Dichlorobenzene	10.99	146	348198	120.68 ng		98
77) C309	4-Isopropyltoluene	11.00	119	712974	123.92 ng		98
78) C267	1,4-Dichlorobenzene	11.08	146	357827	119.64 ng		96
79) C249	1,2-Dichlorobenzene	11.42	146	340099	119.43 ng		89
80) C310	n-Butylbenzene	11.38	91	643207	120.68 ng		97
81) C286	1,2-Dibromo-3-Chloro	12.12	75	29418	117.06 ng		97
82) C313	1,2,4-Trichlorobenze	12.82	180	220076	102.62 ng		100
83) C316	Hexachlorobutadiene	12.95	225	105704	111.22 ng		96
84) C314	Naphthalene	13.03	128	460306	103.47 ng		99
85) C934	1,2,3-Trichlorobenze	13.23	180	180395	96.03 ng		98

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

Data File: C:\MSDCHEM\1\DATA\122705\G7615.D
Acq On : 27 Dec 2005 20:41
Sample : VSTD025
Misc :
Integrator: RTE
Quant Time: Dec 27 21:00:04 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 27 08:55:23 2005
Response via : Initial Calibration
Data Path : C:\MSDCHEM\1\DATA\122705\
Operator : TLC



(7) C275 Trichlorofluoromethane (T)

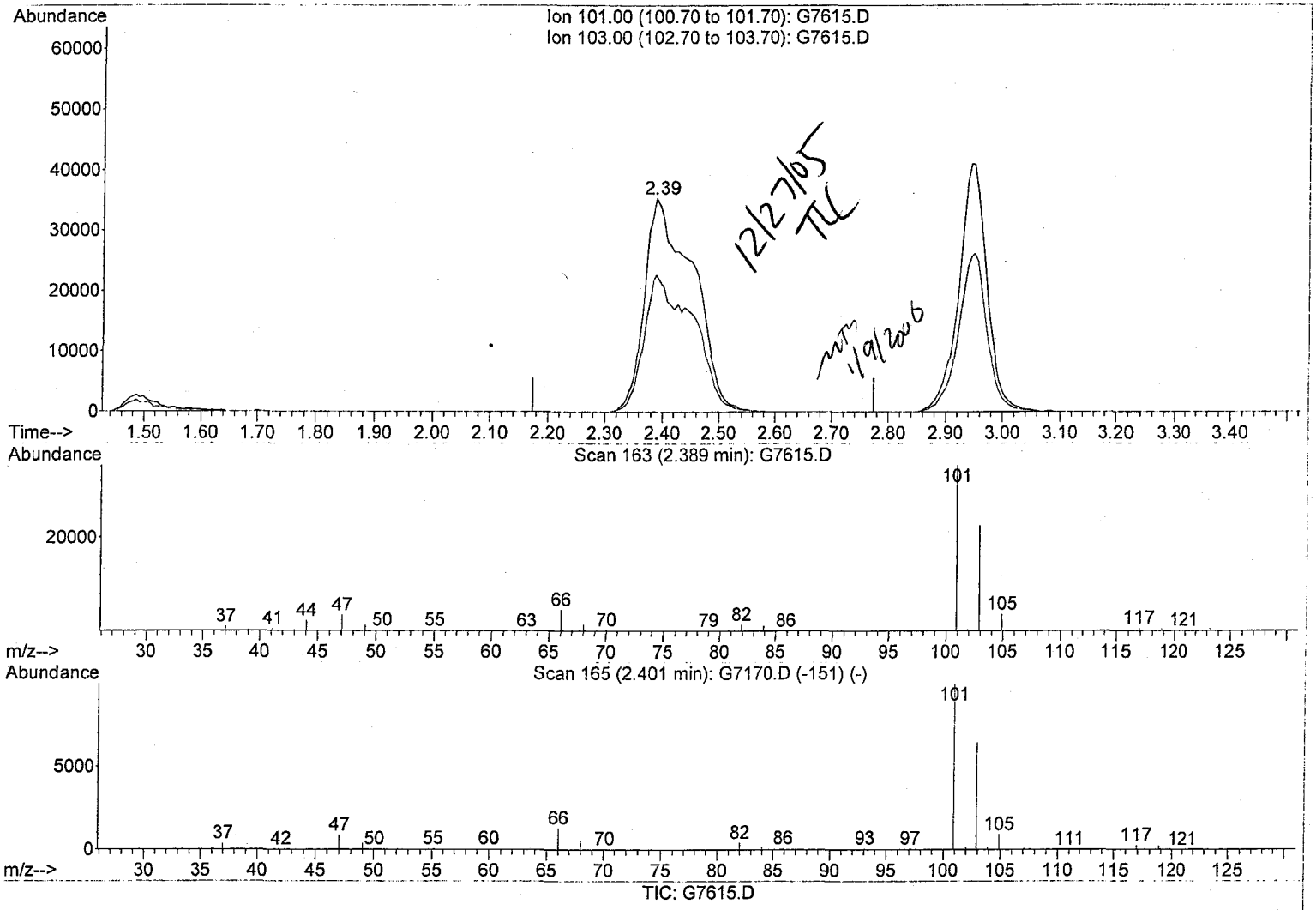
2.47min (-2.474) 0.00ng

response 0

Ion	Exp%	Act%
101.00	100	0.00
103.00	63.20	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Data File: C:\MSDCHEM\1\DATA\122705\G7615.D
Acq On : 27 Dec 2005 20:41
Sample : VSTD025
Misc :
Integrator: RTE
Quant Time: Dec 27 21:00:04 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 27 08:55:23 2005
Response via : Initial Calibration
Data Path : C:\MSDCHEM\1\DATA\122705\
Operator : TLC



(7) C275 Trichlorofluoromethane (T)

2.39min (-0.085) 127.52ng m

response 206466

Ion	Exp%	Act%
101.00	100	100
103.00	63.20	64.03
0.00	0.00	0.00
0.00	0.00	0.00

METHOD 8260 - AQUEOUS (30% RSD/ 20% D)
CONTINUING CALIBRATION CHECK

Lab Name: STL Buffalo Contract: 4 Lab Samp ID: A5C0006633-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: 1205GW

Lab File Id: G7643.RR Calibration Date: 12/28/2005 Time: 08:50

Intrument ID: HP5973G Init. Calib. Date(s): 12/20/2005 12/20/2005

Heated Purge (Y/N): N Init. Calib. Times: 11:27 14:25

GC Column: DB-624 ID: 0.25(mm)

COMPOUND	AVG RRF	RRF25	MIN RRF	% D	MAX % D
Chloromethane	0.5350	0.4654	0.1000	13.000	100.00
Bromomethane	0.2430	0.2498	0.0100	-2.800	100.00
Vinyl chloride	0.5150	0.4530	0.0100	12.000	20.00
Chloroethane	0.2780	0.3009	0.0100	-8.200	100.00
Methylene chloride	0.5040	0.4216	0.0100	16.300	100.00
Acetone	0.1360	0.1369	0.0100	-0.700	100.00
Carbon Disulfide	1.0760	1.0523	0.0100	2.200	100.00
1,1-Dichloroethene	0.3670	0.3371	0.0100	8.100	20.00
1,1-Dichloroethane	0.7850	0.7360	0.1000	6.200	100.00
cis-1,2-Dichloroethene	0.4590	0.4414	0.0100	3.800	100.00
trans-1,2-Dichloroethene	0.4120	0.3946	0.0100	4.200	100.00
Chloroform	0.7580	0.7261	0.0100	4.200	20.00
1,2-Dichloroethane	0.6360	0.6143	0.0100	3.400	100.00
2-Butanone	0.2170	0.2186	0.0100	-0.700	100.00
1,1,1-Trichloroethane	0.6510	0.6091	0.0100	6.400	100.00
Carbon Tetrachloride	0.5470	0.5150	0.0100	5.800	100.00
Bromodichloromethane	0.5260	0.4966	0.0100	5.600	100.00
1,2-Dichloropropane	0.4560	0.4394	0.0100	3.600	20.00
cis-1,3-Dichloropropene	0.6780	0.6363	0.0100	6.200	100.00
Trichloroethene	0.4420	0.4184	0.0100	5.300	100.00
Dibromochloromethane	0.7400	0.7033	0.0100	5.000	100.00
1,1,2-Trichloroethane	0.6290	0.6064	0.0100	3.600	100.00
Benzene	1.7200	1.6375	0.0100	4.800	100.00
trans-1,3-Dichloropropene	1.2540	1.1773	0.0100	6.100	100.00
Bromoform	0.4350	0.3991	0.1000	8.200	100.00
4-Methyl-2-pentanone	0.9310	0.9512	0.0100	-2.200	100.00
2-Hexanone	0.6640	0.6737	0.0100	-1.500	100.00
Tetrachloroethene	0.9390	0.9057	0.0100	3.500	100.00
1,1,2,2-Tetrachloroethane	1.0250	1.0057	0.3000	1.900	100.00
Toluene	2.2150	2.1525	0.0100	2.800	20.00
Chlorobenzene	2.4980	2.4406	0.3000	2.300	100.00
Ethylbenzene	4.2190	4.1524	0.0100	1.600	20.00
Styrene	2.5710	2.5612	0.0100	0.400	100.00
Total Xylenes	1.6170	1.5594	0.0100	3.600	100.00
1,1,2-Trichloro-1,2,2-trifluoro	0.3840	0.3547	0.0100	7.600	100.00
1,2,4-Trichlorobenzene	1.5700	1.2980	0.0100	17.300	100.00
1,2-Dibromo-3-chloropropane	0.1840	0.1622	0.0100	11.800	100.00
1,2-Dibromoethane	0.7570	0.7346	0.0100	3.000	100.00
1,2-Dichlorobenzene	2.0840	2.0093	0.0100	3.600	100.00

METHOD 8260 - AQUEOUS (30% RSD/ 20% D)
CONTINUING CALIBRATION CHECK

Lab Name: STL Buffalo Contract: 4 Lab Samp ID: A5C0006633-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: 1205GW

Lab File Id: G7643.RR Calibration Date: 12/28/2005 Time: 08:50

Intrument ID: HP5973G Init. Calib. Date(s): 12/20/2005 12/20/2005

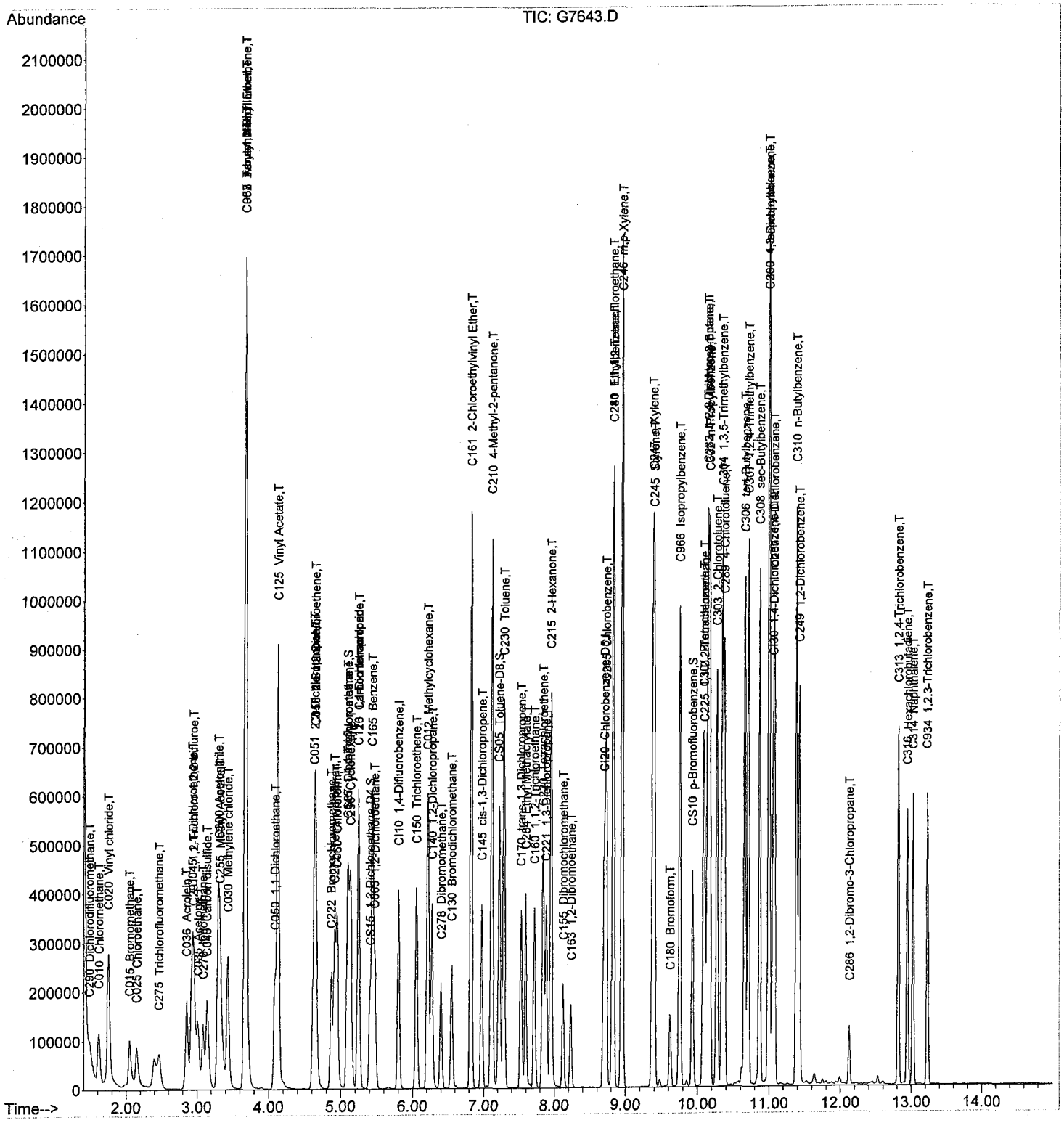
Heated Purge (Y/N): N Init. Calib. Times: 11:27 14:25

GC Column: DB-624 ID: 0.25(mm)

COMPOUND	AVG RRF	RRF25	MIN RRF	% D	MAX % D
1,3-Dichlorobenzene	2.1120	2.0586	0.0100	2.500	100.00
1,4-Dichlorobenzene	2.1890	2.1432	0.0100	2.100	100.00
Cyclohexane	0.7620	0.7035	0.0100	7.700	100.00
Dichlorodifluoromethane	0.4230	0.3382	0.0100	20.000	100.00
Methyl acetate	0.6030	0.4701	0.0100	22.000	100.00
Naphthalene	3.2560	2.7094	0.0100	16.800	100.00
Trichlorofluoromethane	0.5790	0.5179	0.0100	10.600	100.00
Methyl-t-Butyl Ether (MTBE)	1.3240	1.2877	0.0100	2.700	100.00
Isopropylbenzene	4.4280	4.3000	0.0100	2.900	100.00
Methylcyclohexane	0.8230	0.7946	0.0100	3.400	100.00
Toluene-D8	2.5210	2.4059	0.0100	4.600	100.00
p-Bromofluorobenzene	0.7740	0.7370	0.0100	4.800	100.00
1,2-Dichloroethane-D4	0.4020	0.3628	0.0100	9.800	100.00

Data File: C:\MSDChem\1\DATA\122805\G7643.D
Acq On : 28 Dec 2005 8:50
Sample : VSTD025
Misc :
Integrator: RTE
Quant Time: Dec 28 09:14:44 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 27 21:28:27 2005
Response via : Initial Calibration
Data Path : C:\MSDChem\1\DATA\122805\
Operator : TLC



Data File: C:\MSDChem\1\DATA\122805\G7643.D
Acq On : 28 Dec 2005 8:50
Sample : VSTD025
Misc :
Integrator: RTE
Quant Time: Dec 28 09:14:44 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 27 21:28:27 2005
Response via : Initial Calibration
Data Path : C:\MSDChem\1\DATA\122805\
Operator : TLC

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.80	114	350953	125.00	ng	0.00 100.40%
43) CI20	Chlorobenzene-D5	8.70	82	175597	125.00	ng	0.00 98.89%
63) CI30	1,4-Dichlorobenzene-	11.05	152	168435	125.00	ng	0.00 98.62%
System Monitoring Compounds							
26) CS87	Dibromofluoromethane	5.10	111	102075	116.19	NG	0.00
Spiked Amount	125.000	Range	70 - 130	Recovery	=	92.95%	
31) CS15	1,2-Dichloroethane-D	5.40	65	127335	112.70	ng	0.00
Spiked Amount	125.000	Range	73 - 136	Recovery	=	90.16%	
44) CS05	Toluene-D8	7.22	98	422466	119.31	ng	0.00
Spiked Amount	125.000	Range	77 - 122	Recovery	=	95.45%	
62) CS10	p-Bromofluorobenzene	9.94	174	129411	118.95	ng	0.00
Spiked Amount	125.000	Range	74 - 120	Recovery	=	95.16%	
Target Compounds							Qvalue
2) C290	Dichlorodifluorometh	1.49	85	118677	99.82	ng	98
3) C010	Chloromethane	1.61	50	163335	108.76	ng	97
4) C020	Vinyl chloride	1.74	62	158998	110.01	ng	99
5) C015	Bromomethane	2.05	94	87670	128.38	ng	93
6) C025	Chloroethane	2.14	64	105600	135.22	ng	100
7) C275	Trichlorofluorometha	2.47	101	181773m	111.82	ng	93
8) C045	1,1-Dichloroethene	2.93	96	118300	114.70	ng	88
9) C030	Methylene chloride	3.43	84	147955	104.63	ng	87
10) C040	Carbon disulfide	3.14	76	369321	122.24	ng	98
11) C036	Acrolein	2.85	56	237955	2501.68	ng	99
12) C038	Acrylonitrile	3.68	53	1121937	2528.50	ng	100
13) C035	Acetone	3.01	43	240290	629.90	ng	96
14) C300	Acetonitrile	3.30	41	815028	4883.98	ng	100
15) C276	Iodomethane	3.08	142	202313	121.61	ng	96
16) C291	1,1,2-Trichloro-1,2,	2.96	101	124480	115.37	ng	92
17) C962	T-butyl Methyl Ether	3.68	73	451916	121.59	ng	91
18) C057	trans-1,2-Dichloroet	3.68	96	138502	119.64	ng	# 51
19) C255	Methyl Acetate	3.33	43	164997	97.44	ng	98
20) C050	1,1-Dichloroethane	4.08	63	258308	117.25	ng	98
21) C125	Vinyl Acetate	4.13	43	1562681	664.77	ng	97
22) C051	2,2-Dichloropropane	4.63	77	216457	115.15	ng	95
23) C056	cis-1,2-Dichloroethe	4.64	96	154920	120.32	ng	96
24) C272	Tetrahydrofuran	4.91	42	244614	612.82	ng	93
25) C222	Bromochloromethane	4.86	128	74790	119.46	ng	91
27) C060	Chloroform	4.95	83	254844	119.69	ng	97
28) C115	1,1,1-Trichloroethan	5.10	97	213773	116.88	ng	94
29) C120	Carbon tetrachloride	5.25	117	180743	117.62	ng	97
30) C116	1,1-Dichloropropene	5.24	75	195749	118.41	ng	86
32) C165	Benzene	5.44	78	574681	118.97	ng	98
33) C065	1,2-Dichloroethane	5.47	62	215597	120.67	ng	97
34) C110	2-Butanone	4.65	43	383605	631.07	ng	95
35) C256	Cyclohexane	5.13	56	246882	115.38	ng	86
36) C150	Trichloroethene	6.05	95	146850	118.30	ng	92

Data File: C:\MSDChem\1\DATA\122805\G7643.D
Acq On : 28 Dec 2005 8:50
Sample : VSTD025
Misc :
Integrator: RTE
Quant Time: Dec 28 09:14:44 2005

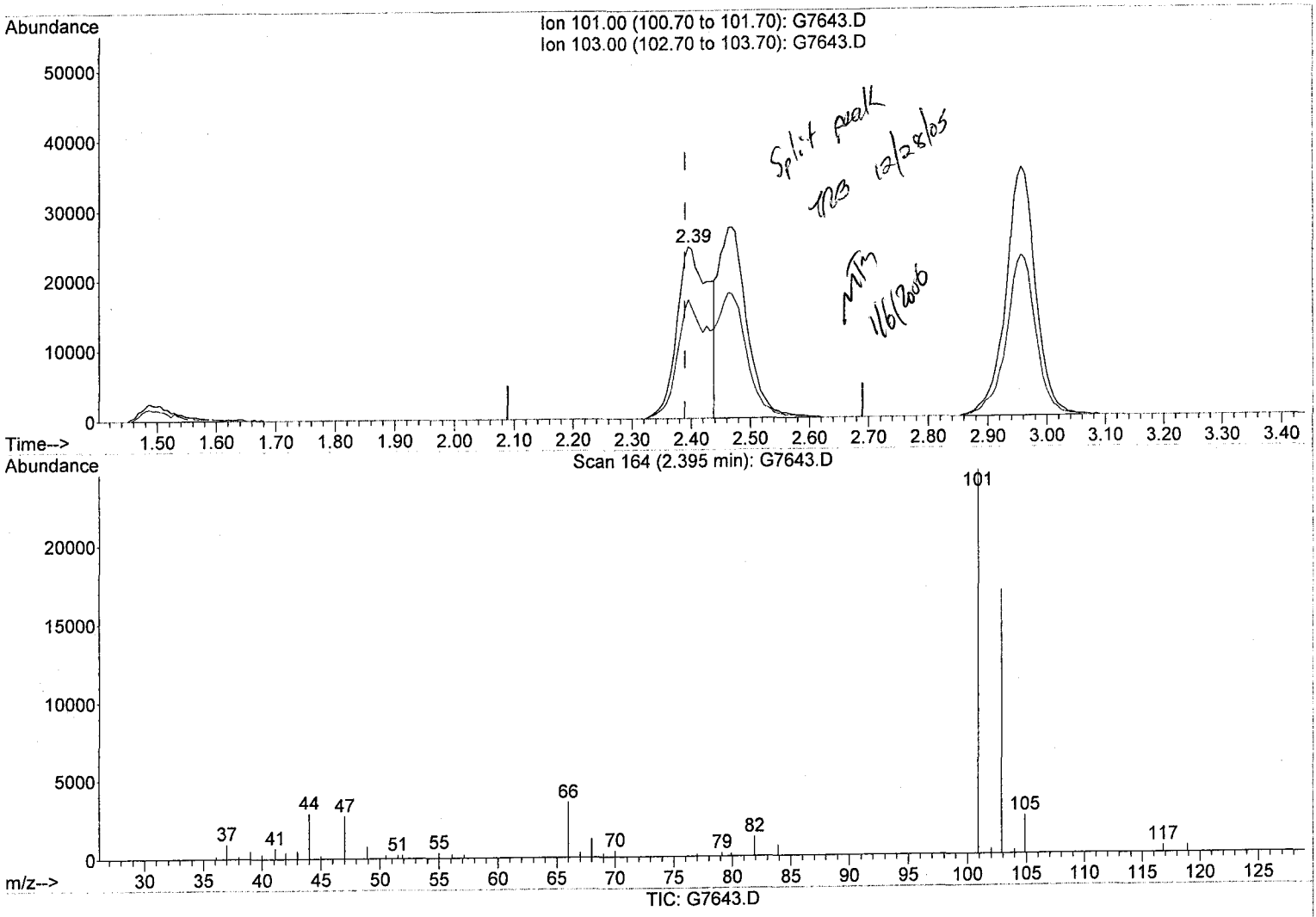
Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 27 21:28:27 2005
Response via : Initial Calibration
Data Path : C:\MSDChem\1\DATA\122805\
Operator : TLC

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
37) C140	1,2-Dichloropropane	6.27	63	154205	120.33	ng		98
38) C278	Dibromomethane	6.40	93	87781	120.87	ng		82
39) C130	Bromodichloromethane	6.55	83	174279	117.93	ng		96
40) C161	2-Chloroethylvinyl E	6.82	63	541057	637.57	ng		93
41) C012	Methylcyclohexane	6.21	83	278868	120.72	ng		88
42) C145	cis-1,3-Dichloroprop	6.97	75	223310	117.33	ng		98
45) C230	Toluene	7.28	92	377976	121.49	ng		99
46) C170	trans-1,3-Dichloropr	7.53	75	206733	117.33	ng		94
47) C284	Ethyl Methacrylate	7.60	69	215971	128.85	ng		98
48) C160	1,1,2-Trichloroethan	7.72	83	106476	120.59	ng		99
49) C210	4-Methyl-2-pentanone	7.11	43	835121	638.87	ng		100
50) C220	Tetrachloroethene	7.84	166	159030	120.56	ng		92
51) C221	1,3-Dichloropropane	7.88	76	238623	121.77	ng		98
52) C155	Dibromochloromethane	8.13	129	123504	118.78	ng		97
53) C163	1,2-Dibromoethane	8.24	107	128998	121.38	ng		97
54) C215	2-Hexanone	7.95	43	591475	634.16	ng		98
55) C235	Chlorobenzene	8.73	112	428567	122.13	ng		99
56) C281	1,1,1,2-Tetrachloroe	8.82	131	142253	123.73	ng		93
57) C240	Ethylbenzene	8.83	91	729142	123.02	ng		100
58) C246	m,p-Xylene	8.95	106	564495	244.55	ng		92
59) C247	o-Xylene	9.38	106	273825	120.58	ng		95
60) C245	Styrene	9.40	104	449734	124.54	ng		97
61) C180	Bromoform	9.62	173	70086	114.81	ng		99
64) C966	Isopropylbenzene	9.75	105	724263	121.39	ng		98
65) C301	Bromobenzene	10.08	156	178017	120.87	ng		92
66) C225	1,1,2,2-Tetrachloroe	10.10	83	169402	122.64	ng		99
67) C282	1,2,3-Trichloropropa	10.14	110	53188	119.23	ng		100
68) C283	t-1,4-Dichloro-2-But	10.15	51	130638	775.69	ng	#	66
69) C302	n-Propylbenzene	10.17	91	915832	123.49	ng		96
70) C303	2-Chlorotoluene	10.27	126	173186	120.66	ng		100
71) C289	4-Chlorotoluene	10.38	126	181090	121.31	ng		100
72) C304	1,3,5-Trimethylbenze	10.34	105	617372	121.83	ng		97
73) C306	tert-Butylbenzene	10.66	134	136743	120.84	ng		97
74) C307	1,2,4-Trimethylbenze	10.71	105	626103	121.77	ng		98
75) C308	sec-Butylbenzene	10.87	105	762797	121.52	ng		96
76) C260	1,3-Dichlorobenzene	10.99	146	346732	121.85	ng		97
77) C309	4-Isopropyltoluene	11.00	119	698740	123.14	ng		99
78) C267	1,4-Dichlorobenzene	11.08	146	360998	122.39	ng		97
79) C249	1,2-Dichlorobenzene	11.42	146	338430	120.50	ng		89
80) C310	n-Butylbenzene	11.38	91	631147	120.08	ng		98
81) C286	1,2-Dibromo-3-Chloro	12.12	75	27319	110.22	ng		89
82) C313	1,2,4-Trichlorobenze	12.82	180	218625	103.37	ng		98
83) C316	Hexachlorobutadiene	12.95	225	96720	103.19	ng		96
84) C314	Naphthalene	13.03	128	456357	104.02	ng		100
85) C934	1,2,3-Trichlorobenze	13.23	180	179523	96.90	ng		97

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

Data File: C:\MSDChem\1\DATA\122805\G7643.D
Acq On : 28 Dec 2005 8:50
Sample : VSTD025
Misc :
Integrator: RTE
Quant Time: Dec 28 09:13:43 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 27 21:28:27 2005
Response via : Initial Calibration
Data Path : C:\MSDChem\1\DATA\122805\
Operator : TLC



(7) C275 Trichlorofluoromethane (T)

2.39min (+0.006) 56.36ng

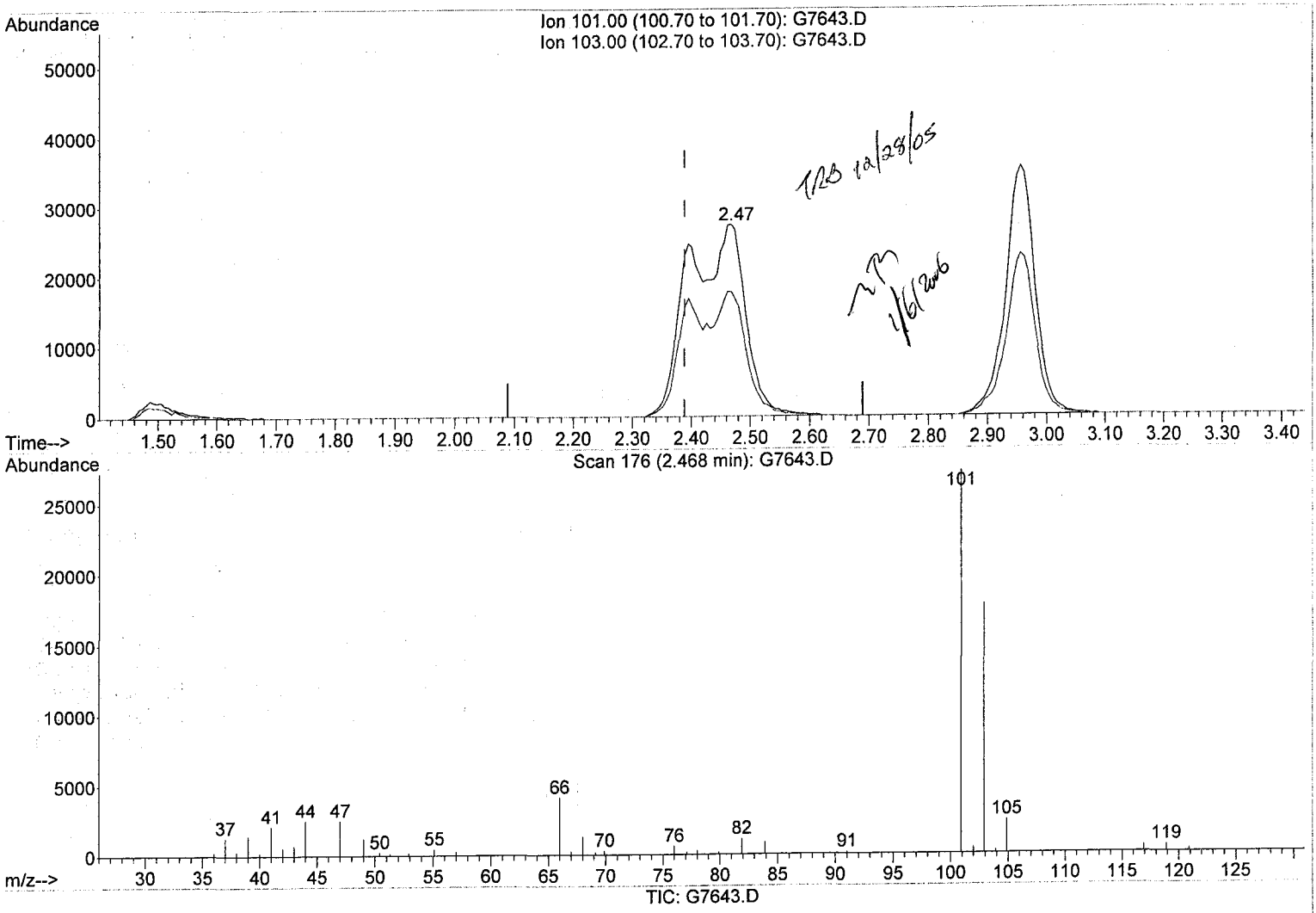
response 91622

Ion	Exp%	Act%
101.00	100	100
103.00	63.20	68.65
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File: C:\MSDChem\1\DATA\122805\G7643.D
Acq On : 28 Dec 2005 8:50
Sample : VSTD025
Misc :
Integrator: RTE
Quant Time: Dec 28 09:13:43 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 27 21:28:27 2005
Response via : Initial Calibration
Data Path : C:\MSDChem\1\DATA\122805\
Operator : TLC



(7) C275 Trichlorofluoromethane (T)

2.47min (+0.079) 111.82ng m

response 181773

Ion	Exp%	Act%
101.00	100	100
103.00	63.20	64.92
0.00	0.00	0.00
0.00	0.00	0.00

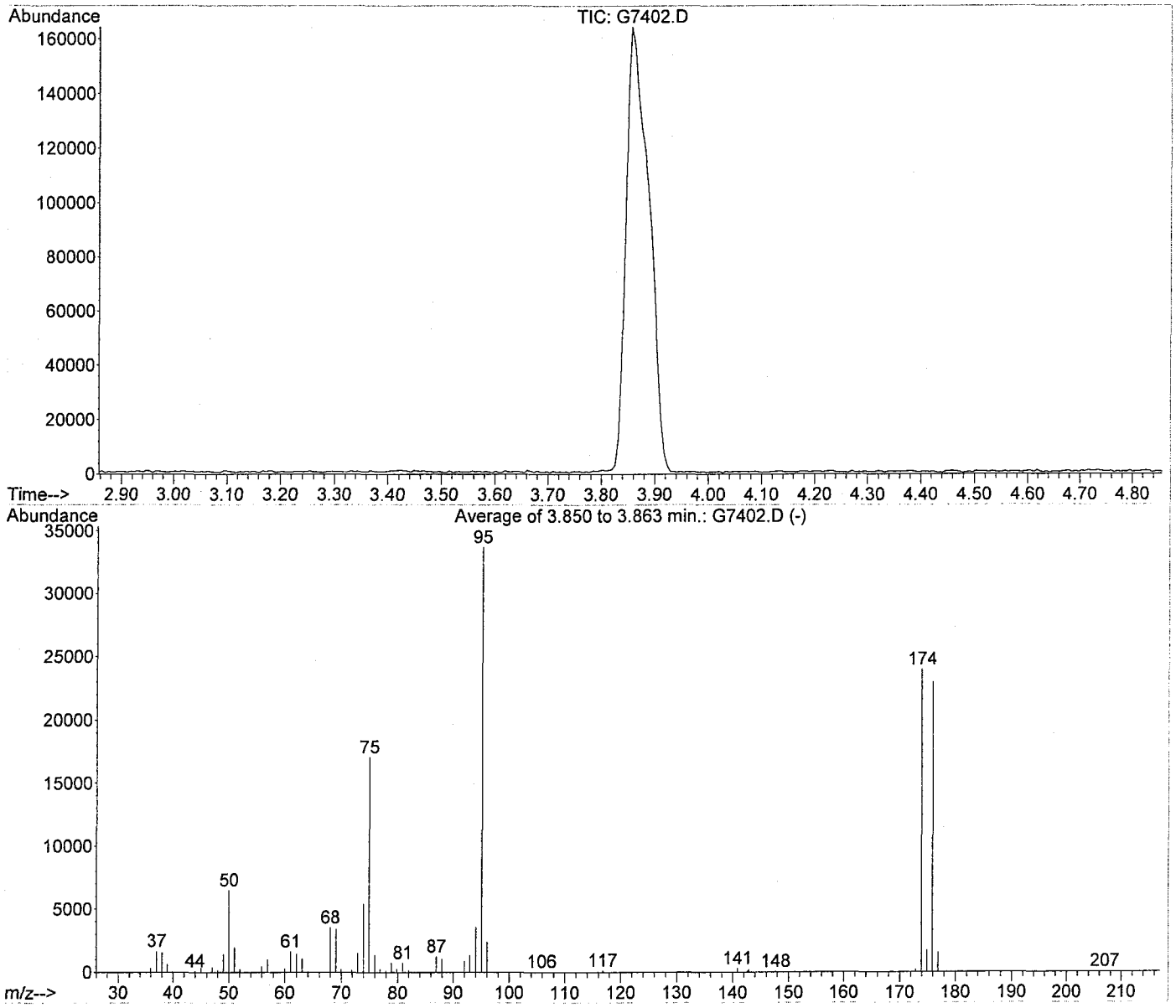
Raw QC Data

BFB Tune Evaluation

Data File : C:\MSDChem\1\DATA\122005\G7402.D
Acq On : 20 Dec 2005 9:53
Sample : 1220BFBG1
Misc :
MS Integration Params: RTEINT.P

Vial: 1
Operator: LH/TRB
Inst : HP5973G
Multiplr: 1.00

Method : C:\MSDCHEM\1\MET...LOW\A5I0002394.M (RTE Integrator)
Title : 8260 5ML WATER



Peak Apex is scan: 401 (3.86 min)
Average of 3 scans: 400,401,402 minus background scan 381 (3.73 min)

Target Mass	Rel. to Mass	Lower Limit,%	Upper Limit,%	Rel. Abn,%	Raw Abn	Result Pass/Fail
50	95	15	40	19.3	6483	PASS
75	95	30	60	50.7	17057	PASS
95	95	100	100	100.0	33674	PASS
96	95	5	9	7.1	2379	PASS
173	174	0	2	0.9	205	PASS
174	95	50	100	71.2	23978	PASS
175	174	5	9	7.2	1723	PASS
176	174	95	101	95.9	23000	PASS
177	176	5	9	6.8	1575	PASS

G7402.D A5I0002394.M Tue Dec 20 10:03:16 2005 HP5973G

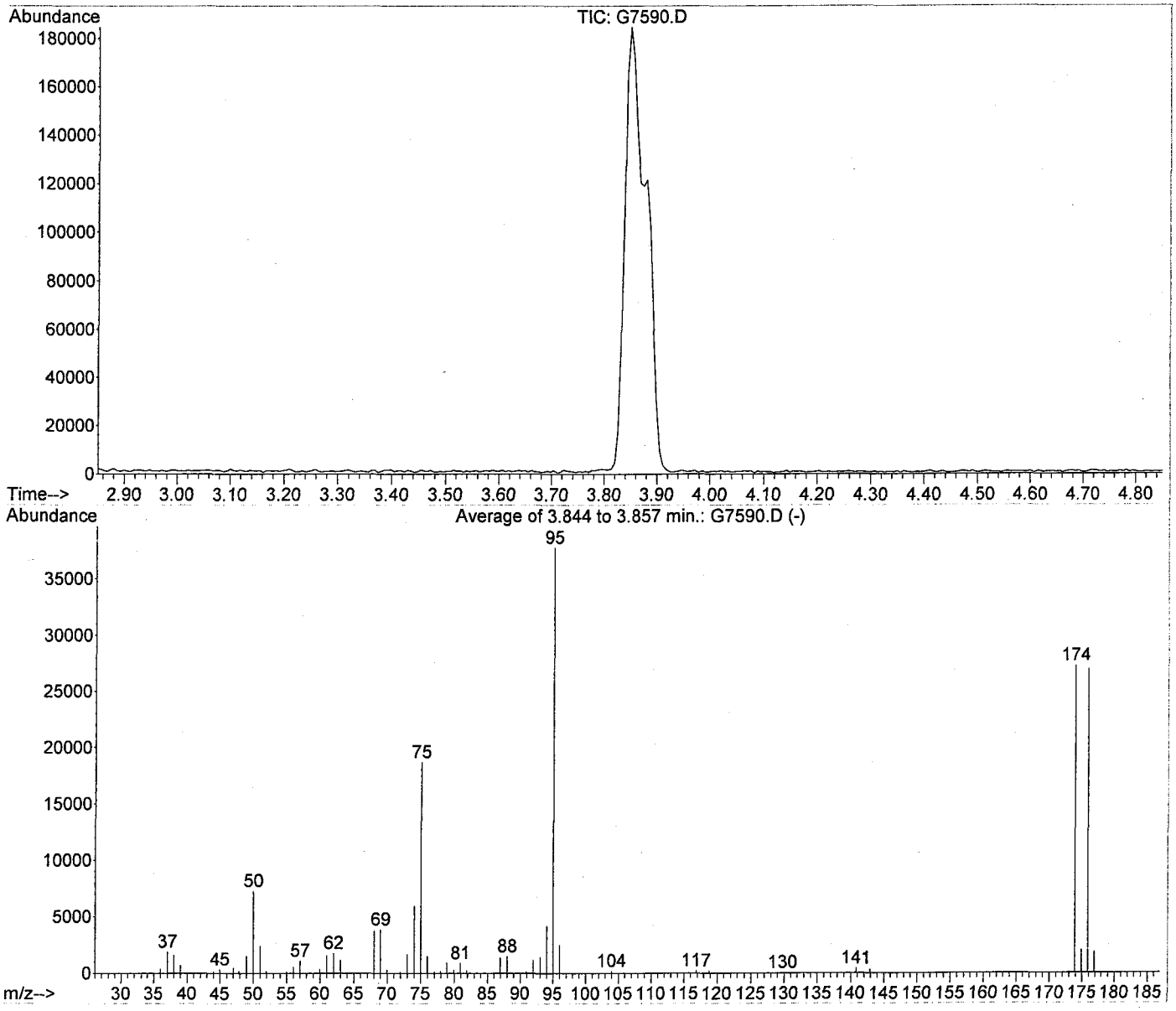
Average of 3.850 to 3.863 min.: G7402.D
1220BFBG1
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
35.95	327	55.95	484	74.00	5459	94.00	3591
37.00	1650	57.00	1003	75.00	17057	95.00	33674
38.00	1536	60.00	304	76.00	1367	96.00	2379
39.00	643	61.00	1634	76.95	268	140.85	284
45.00	356	62.00	1437	78.90	739	142.90	209
47.00	376	62.95	1070	79.90	259	172.85	205
48.00	181	68.00	3530	80.90	753	173.90	23978
49.00	1427	69.00	3407	86.95	1239	174.90	1723
50.00	6483	69.95	270	87.95	1071	175.90	23000
51.00	1981	71.90	194	91.95	869	176.90	1575
52.05	245	73.00	1550	92.95	1325		

BFB Tune Evaluation

Data File : C:\MSDChem\1\DATA\122705\G7590.D Vial: 1
Acq On : 27 Dec 2005 8:11 Operator: TLC
Sample : 1224BFBG1 Inst : HP5973G
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Method : C:\MSDCHEM\1\MET...LOW\A5I0002430.M (RTE Integrator)
Title : 8260 5ML WATER



Peak Apex is scan: 400 (3.85 min)
Average of 3 scans: 399,400,401 minus background scan 380 (3.73 min)

Target Mass	Rel. to Mass	Lower Limit,%	Upper Limit,%	Rel. Abn,%	Raw Abn	Result Pass/Fail
50	95	15	40	19.4	7307	PASS
75	95	30	60	49.6	18712	PASS
95	95	100	100	100.0	37744	PASS
96	95	5	9	6.6	2505	PASS
173	174	0	2	0.4	99	PASS
174	95	50	100	72.2	27264	PASS
175	174	5	9	7.5	2032	PASS
176	174	95	101	98.8	26936	PASS
177	176	5	9	6.9	1860	PASS

G7590.D A5I0002430.M Tue Dec 27 08:21:30 2005 HP5973G

Average of 3.844 to 3.857 min.: G7590.D
1224BFBG1
Modified:subtracted

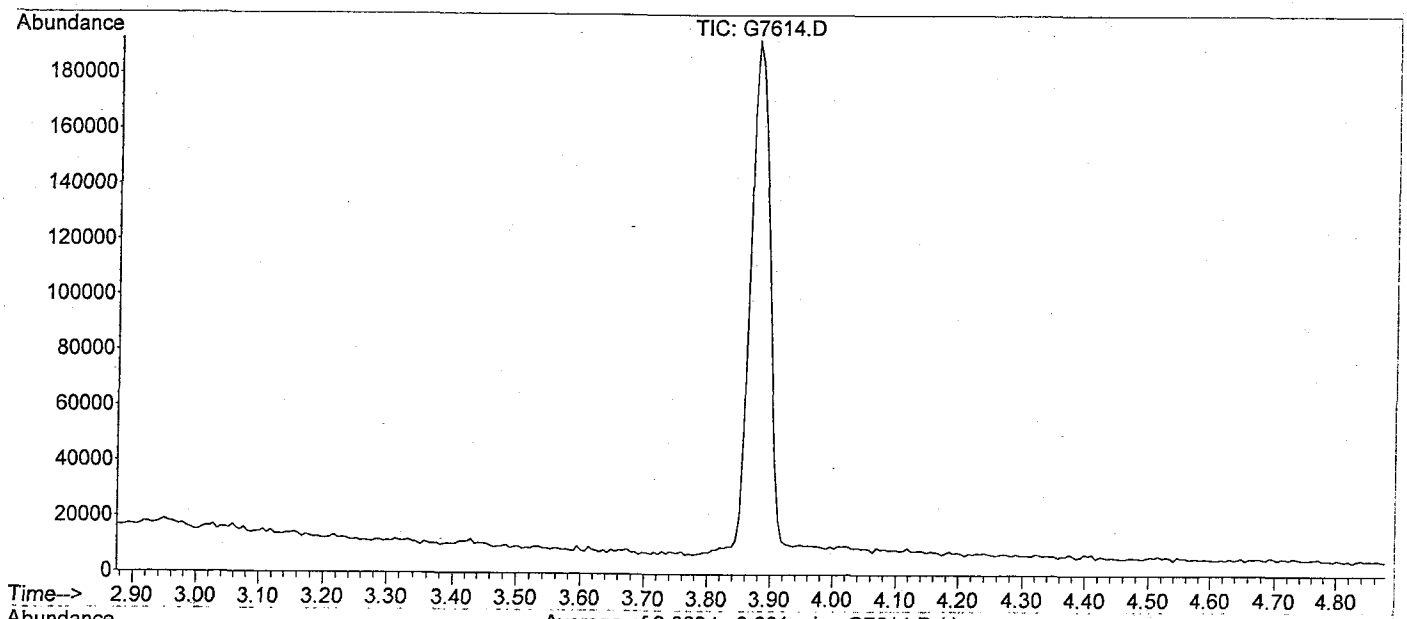
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.00	408	57.00	1098	75.95	1516	95.00	37744
37.00	1913	59.95	356	77.95	193	96.00	2505
38.00	1608	61.00	1562	78.90	945	103.95	212
39.00	727	62.00	1786	79.95	289	116.85	240
44.95	363	63.00	1177	80.90	882	118.85	204
47.05	496	68.00	3795	81.90	228	140.85	416
47.90	200	69.00	3884	86.95	1397	142.90	346
49.00	1548	69.95	311	88.00	1482	173.90	27264
50.00	7307	72.95	1657	91.95	1149	174.90	2032
51.00	2401	74.00	5984	93.00	1460	175.90	26936
56.00	542	75.00	18712	94.00	4206	176.90	1860

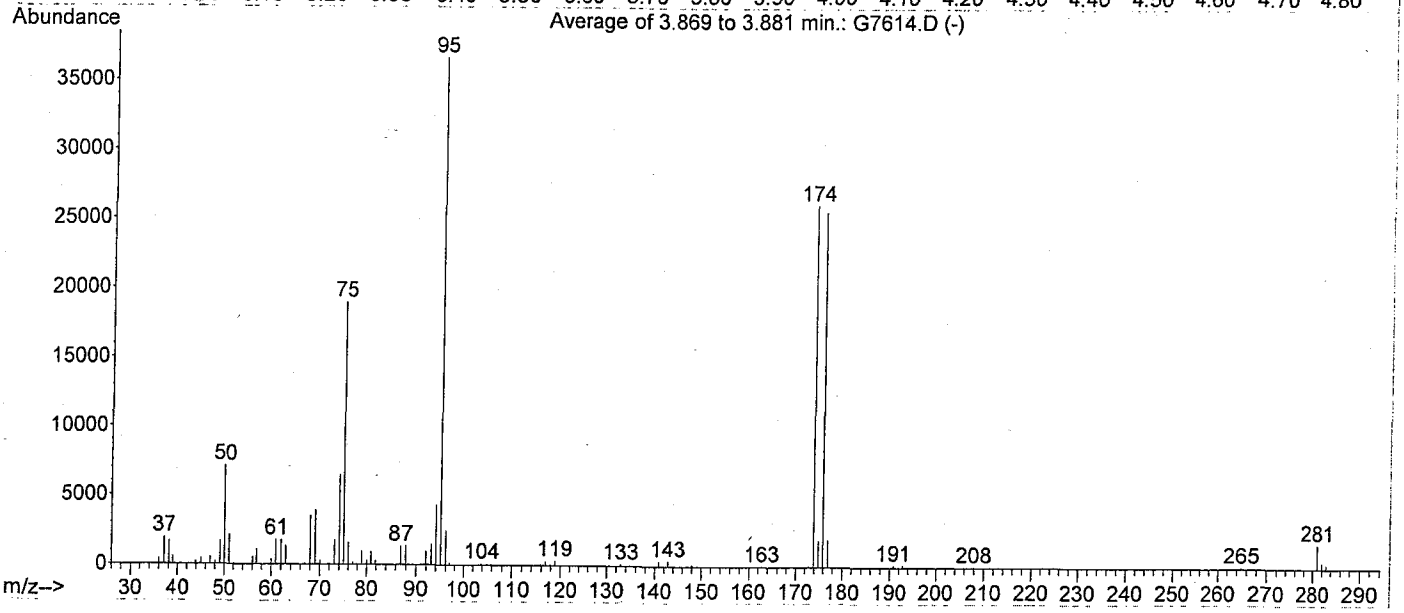
BFB Tune Evaluation

Data File : C:\MSDCHEM\1\DATA\122705\G7614.D
Acq On : 27 Dec 2005 20:20
Sample : 1227BFBG2
Misc :
MS Integration Params: RTEINT.P

Vial: 1
Operator: TLC
Inst : HP5973G
Multiplr: 1.00

Method : C:\MSDCHEM\1\MET...LOW\A5I0002430.M (RTE Integrator)
Title : 8260 5ML WATER





Peak Apex is scan: 404 (3.87 min)
Average of 3 scans: 403,404,405 minus background scan 384 (3.75 min)

Target Mass	Rel. to Mass	Lower Limit,%	Upper Limit,%	Rel. Abn,%	Raw Abn	Result Pass/Fail
50	95	15	40	19.5	7137	PASS
75	95	30	60	51.8	18970	PASS
95	95	100	100	100.0	36650	PASS
96	95	5	9	6.8	2484	PASS
173	174	0	2	0.4	110	PASS
174	95	50	100	71.2	26096	PASS
175	174	5	9	7.3	1909	PASS
176	174	95	101	98.1	25613	PASS
177	176	5	9	7.6	1955	PASS

G7614.D A5I0002430.M Tue Dec 27 20:32:44 2005 HP5973G

.227BFBG2
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.00	411	56.05	548	75.00	18970	95.00	36650
37.05	1936	56.95	1093	76.00	1611	96.00	2484
38.05	1681	60.00	390	78.90	970	116.90	269
39.00	587	61.00	1787	79.95	312	118.85	330
43.95	202	62.00	1782	80.90	919	140.85	363
45.00	404	63.00	1360	81.85	261	142.85	391
47.00	528	68.00	3517	86.95	1358	173.90	26096
48.05	200	69.00	3890	87.95	1380	174.90	1909
49.00	1679	70.05	275	91.95	985	175.90	25613
50.00	7137	73.00	1769	93.00	1501	176.90	1955
51.00	2163	74.00	6485	94.00	4308	281.00	1725

Average of 3.869 to 3.881 min.: G7614.D
.227BFBG2
Modified:subtracted

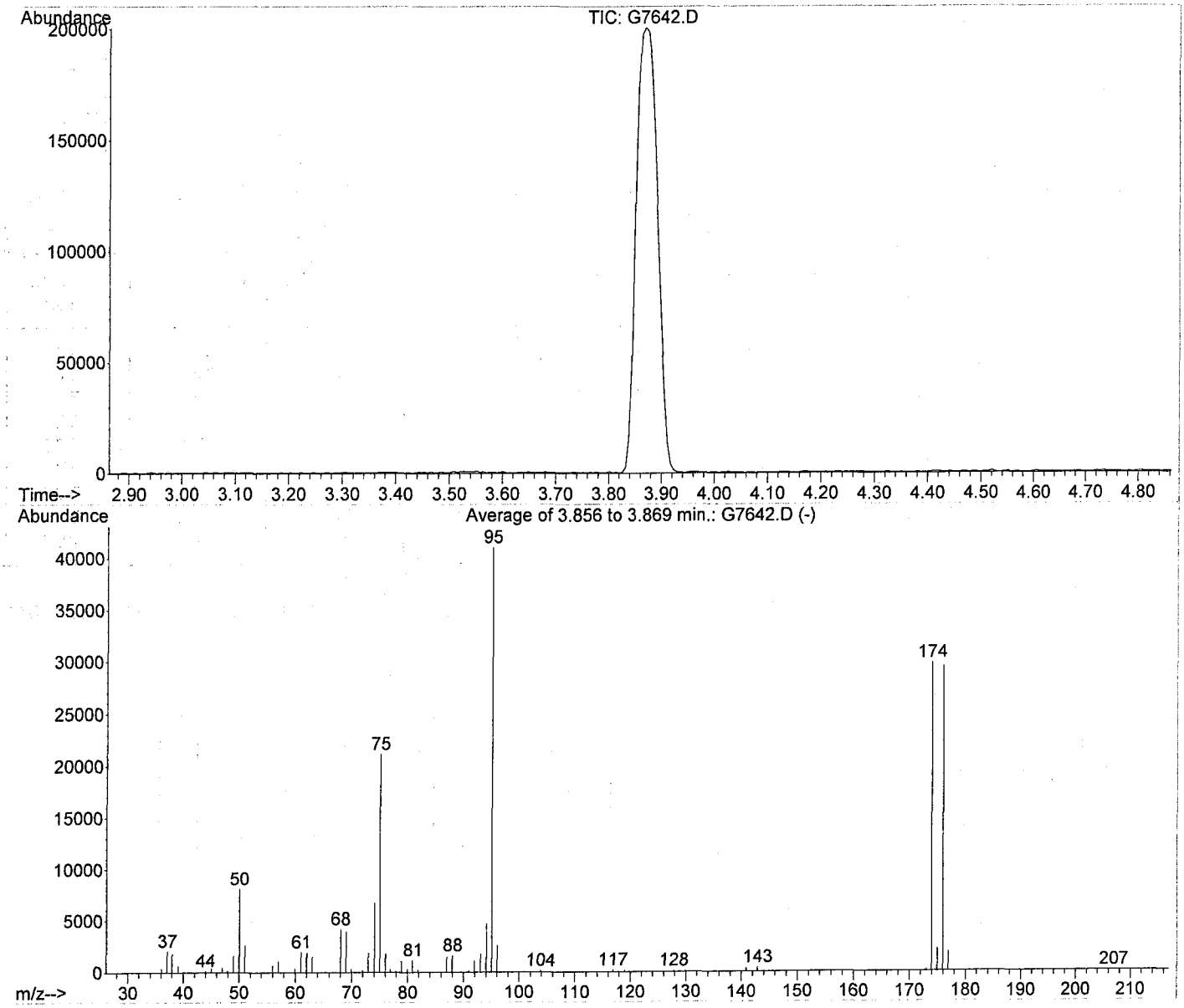
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
282.00	458						
283.00	284						

BFB Tune Evaluation

Data File : C:\MSDChem\1\DATA\122805\G7642.D
Acq On : 28 Dec 2005 8:09
Sample : 1228BFBG1
Misc :
MS Integration Params: RTEINT.P

Vial: 1
Operator: TLC
Inst : HP5973G
Multiplr: 1.00

Method : C:\MSDCHEM\1\MET...LOW\A5I0002430.M (RTE Integrator)
Title : 8260 5ML WATER



Peak Apex is scan: 402 (3.86 min)
Average of 3 scans: 401,402,403 minus background scan 382 (3.74 min)

Target Mass	Rel. to Mass	Lower Limit,%	Upper Limit,%	Rel. Abn,%	Raw Abn	Result Pass/Fail
50	95	15	40	19.7	8100	PASS
75	95	30	60	51.6	21186	PASS
95	95	100	100	100.0	41093	PASS
96	95	5	9	6.3	2609	PASS
173	174	0	2	0.5	161	PASS
174	95	50	100	72.6	29842	PASS
175	174	5	9	7.4	2195	PASS
176	174	95	101	98.8	29488	PASS
177	176	5	9	6.4	1883	PASS

Average of 3.856 to 3.869 min.: G7642.D
1228BFBG1
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.05	344	59.90	347	76.95	280	96.00	2609
37.05	2095	61.00	1983	78.90	1127	116.85	212
38.00	1836	62.00	1921	79.95	327	140.85	321
39.05	642	63.00	1555	80.90	1189	142.85	446
45.00	406	68.00	4192	81.85	241	173.90	29842
47.00	475	69.00	3963	86.95	1522	174.90	2195
49.00	1623	69.95	343	87.95	1651	175.90	29488
50.00	8100	72.95	1889	91.95	1099	176.90	1883
51.00	2625	74.00	6735	93.00	1773		
56.00	663	75.00	21186	94.00	4738		
57.00	1062	76.00	1839	95.00	41093		

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.

VBLK36

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 1205GW

Matrix: (soil/water) WATER Lab Sample ID: A5B2007002

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G7593.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/27/2005

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	5.0	U
71-43-2	Benzene	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon Disulfide	1.0	U
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	1.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	1.0	U
110-82-7	Cyclohexane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-59-2	cis-1,2-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
98-82-8	Isopropylbenzene	1.0	U
79-20-9	Methyl acetate	1.0	U
108-87-2	Methylcyclohexane	1.0	U
75-09-2	Methylene chloride	1.0	U

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.

VBLK36

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 1205GW

Matrix: (soil/water) WATER Lab Sample ID: A5B2007002

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G7593.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/27/2005

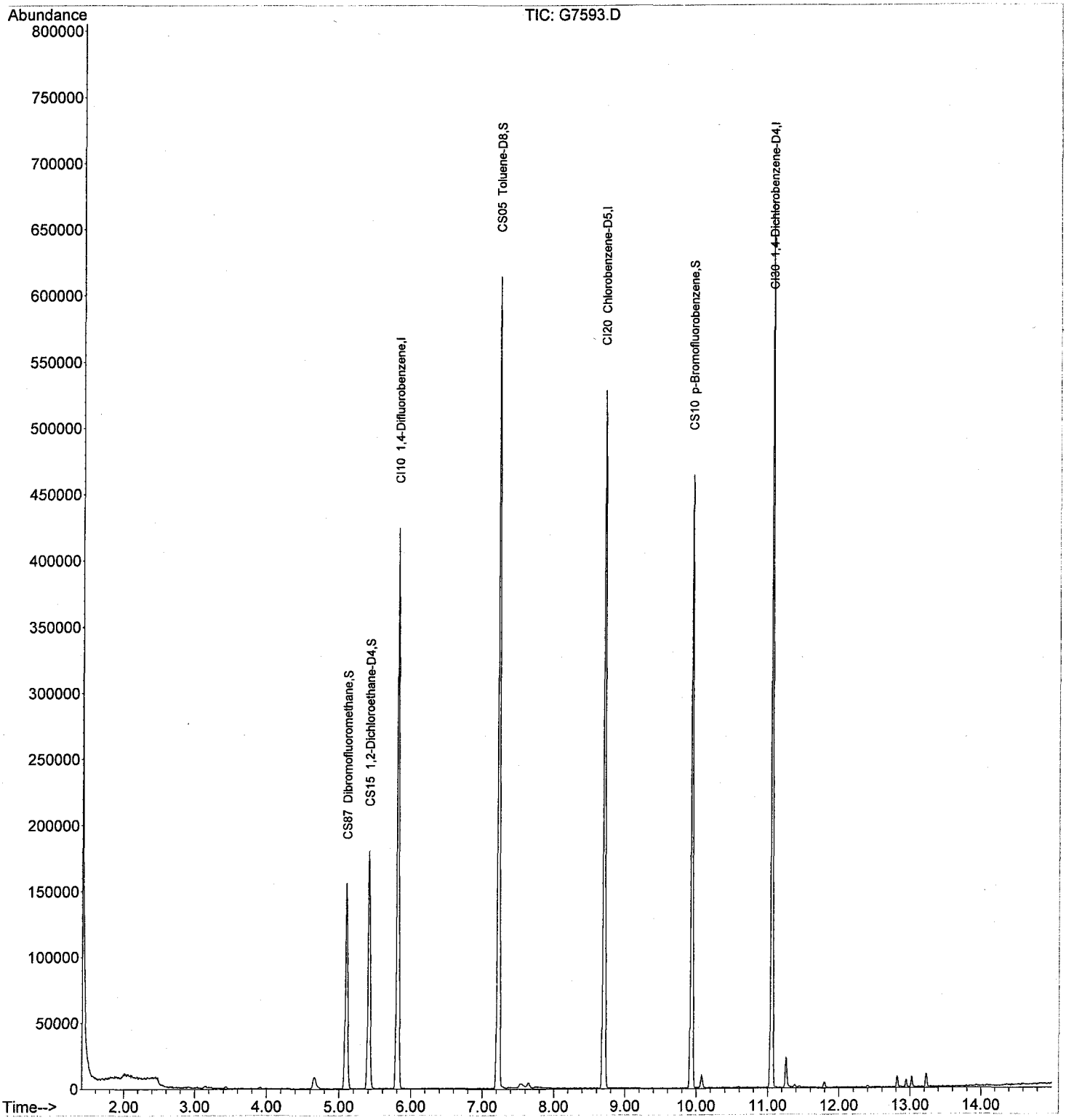
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	5.0	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	1.0	U
91-20-3	Naphthalene	1.0	U
100-42-5	Styrene	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
79-01-6	Trichloroethene	1.0	U
75-01-4	Vinyl chloride	1.0	U
1330-20-7	Total Xylenes	3.0	U

Data File: C:\MSDChem\1\DATA\122705\G7593.D
Acq On : 27 Dec 2005 9:44
Sample : VBLK36
Misc :
Integrator: RTE
Quant Time: Dec 27 10:01:54 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 27 08:55:23 2005
Response via : Initial Calibration
Data Path : C:\MSDChem\1\DATA\122705\
Operator : TLC



Data File: C:\MSDChem\1\DATA\122705\G7593.D
Acq On : 27 Dec 2005 9:44
Sample : VBLK36
Misc :
Integrator: RTE
Quant Time: Dec 27 10:01:54 2005

Clear VRB 12/27/05

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 27 08:55:23 2005
Response via : Initial Calibration
Data Path : C:\MSDChem\1\DATA\122705\
Operator : TLC

	Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1)	CI10 1,4-Difluorobenzene	5.81	114	374123	125.00	ng	0.00 99.96%
43)	CI20 Chlorobenzene-D5	8.70	82	188568	125.00	ng	0.00 98.21%
63)	CI30 1,4-Dichlorobenzene-	11.05	152	179068	125.00	ng	0.00 97.71%
	System Monitoring Compounds						
26)	CS87 Dibromofluoromethane	5.10	111	107215	114.49	NG	0.00
	Spiked Amount 125.000	Range 70 - 130		Recovery = 91.59%			
31)	CS15 1,2-Dichloroethane-D	5.41	65	140537	116.68	ng	0.00
	Spiked Amount 125.000	Range 73 - 136		Recovery = 93.34%			
44)	CS05 Toluene-D8	7.22	98	447605	117.72	ng	0.00
	Spiked Amount 125.000	Range 77 - 122		Recovery = 94.18%			
62)	CS10 p-Bromofluorobenzene	9.94	174	136832	117.12	ng	0.00
	Spiked Amount 125.000	Range 74 - 120		Recovery = 93.70%			
	Target Compounds						Qvalue
2)	C290 Dichlorodifluorome	0.00	85	0			N.D.
3)	C010 Chloromethane	1.62	50	464			N.D.
4)	C020 Vinyl chloride	0.00	62	0			N.D.
5)	C015 Bromomethane	2.05	94	66			N.D.
6)	C025 Chloroethane	0.00	64	0			N.D.
7)	C275 Trichlorofluoromet	0.00	101	0			N.D.
8)	C045 1,1-Dichloroethene	0.00	96	0			N.D.
9)	C030 Methylene chloride	3.44	84	804			N.D.
10)	C040 Carbon disulfide	3.14	76	3530			N.D.
11)	C036 Acrolein	2.91	56	1079			N.D.
12)	C038 Acrylonitrile	0.00	53	0			N.D.
13)	C035 Acetone	3.04	43	1679			N.D.
14)	C300 Acetonitrile	3.32	41	568			N.D.
15)	C276 Iodomethane	0.00	142	0			N.D.
16)	C291 1,1,2-Trichloro-1,	0.00	101	0			N.D.
17)	C962 T-butyl Methyl Eth	0.00	73	0			N.D.
18)	C057 trans-1,2-Dichloro	0.00	96	0			N.D.
19)	C255 Methyl Acetate	0.00	43	0			N.D.
20)	C050 1,1-Dichloroethane	0.00	63	0			N.D.
21)	C125 Vinyl Acetate	4.19	43	73			N.D.
22)	C051 2,2-Dichloropropan	4.64	77	316			N.D.
23)	C056 cis-1,2-Dichloroet	0.00	96	0			N.D.
24)	C272 Tetrahydrofuran	4.97	42	56			N.D.
25)	C222 Bromochloromethane	0.00	128	0			N.D.
27)	C060 Chloroform	0.00	83	0			N.D.
28)	C115 1,1,1-Trichloroeth	0.00	97	0			N.D.
29)	C120 Carbon tetrachlori	0.00	117	0			N.D.
30)	C116 1,1-Dichloropropen	0.00	75	0			N.D.
32)	C165 Benzene	5.44	78	150			N.D.
33)	C065 1,2-Dichloroethane	0.00	62	0			N.D.
34)	C110 2-Butanone	4.66	43	567			N.D.
35)	C256 Cyclohexane	0.00	56	0			N.D.
36)	C150 Trichloroethene	0.00	95	0			N.D.

mm 1/6/06

Data File: C:\MSDChem\1\DATA\122705\G7593.D
Acq On : 27 Dec 2005 9:44
Sample : VBLK36
Misc :
Integrator: RTE
Quant Time: Dec 27 10:01:54 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 27 08:55:23 2005
Response via : Initial Calibration
Data Path : C:\MSDChem\1\DATA\122705\
Operator : TLC

Internal Standards		R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
37) C140	1,2-Dichloropropan	0.00	63	0	N.D.	
38) C278	Dibromomethane	0.00	93	0	N.D.	
39) C130	Bromodichlorometha	0.00	83	0	N.D.	
40) C161	2-Chloroethylvinyl	0.00	63	0	N.D.	
41) C012	Methylcyclohexane	0.00	83	0	N.D.	
42) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.	
45) C230	Toluene	7.28	92	440	N.D.	
46) C170	trans-1,3-Dichloro	0.00	75	0	N.D.	
47) C284	Ethyl Methacrylate	0.00	69	0	N.D.	
48) C160	1,1,2-Trichloroeth	0.00	83	0	N.D.	
49) C210	4-Methyl-2-pentano	7.22	43	2169	N.D.	
50) C220	Tetrachloroethene	0.00	166	0	N.D.	
51) C221	1,3-Dichloropropan	0.00	76	0	N.D.	
52) C155	Dibromochlorometha	0.00	129	0	N.D.	
53) C163	1,2-Dibromoethane	0.00	107	0	N.D.	
54) C215	2-Hexanone	7.96	43	118	N.D.	
55) C235	Chlorobenzene	8.73	112	60	N.D.	
56) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.	
57) C240	Ethylbenzene	8.83	91	114	N.D.	
58) C246	m,p-Xylene	8.95	106	60	N.D.	
59) C247	o-Xylene	0.00	106	0	N.D.	
60) C245	Styrene	0.00	104	0	N.D.	
61) C180	Bromoform	0.00	173	0	N.D.	
64) C966	Isopropylbenzene	9.93	105	82	N.D.	
65) C301	Bromobenzene	0.00	156	0	N.D.	
66) C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.	
67) C282	1,2,3-Trichloropro	0.00	110	0	N.D.	
68) C283	t-1,4-Dichloro-2-B	0.00	51	0	N.D.	
69) C302	n-Propylbenzene	10.18	91	257	N.D.	
70) C303	2-Chlorotoluene	0.00	126	0	N.D.	
71) C289	4-Chlorotoluene	0.00	126	0	N.D.	
72) C304	1,3,5-Trimethylben	10.34	105	209	N.D.	
73) C306	tert-Butylbenzene	0.00	134	0	N.D.	
74) C307	1,2,4-Trimethylben	10.70	105	399	N.D.	
75) C308	sec-Butylbenzene	10.86	105	211	N.D.	
76) C260	1,3-Dichlorobenzen	11.00	146	128	N.D.	
77) C309	4-Isopropyltoluene	11.00	119	422	N.D.	
78) C267	1,4-Dichlorobenzen	11.00	146	128	N.D.	
79) C249	1,2-Dichlorobenzen	11.42	146	174	N.D.	
80) C310	n-Butylbenzene	11.38	91	1062	N.D.	
81) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.	
82) C313	1,2,4-Trichloroben	12.82	180	2652	N.D.	
83) C316	Hexachlorobutadien	12.94	225	1070	N.D.	
84) C314	Naphthalene	13.03	128	6336	N.D.	
85) C934	1,2,3-Trichloroben	13.23	180	3424	N.D.	

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

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.

VBLK37

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 1205GW

Matrix: (soil/water) WATER Lab Sample ID: A5E59215

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G7618.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/27/2005

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	5.0	U
71-43-2	Benzene	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon Disulfide	1.0	U
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	1.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	1.0	U
110-82-7	Cyclohexane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-59-2	cis-1,2-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
98-82-8	Isopropylbenzene	1.0	U
79-20-9	Methyl acetate	1.0	U
108-87-2	Methylcyclohexane	1.0	U
75-09-2	Methylene chloride	1.0	U

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.

VBLK37

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 1205GW

Matrix: (soil/water) WATER Lab Sample ID: A5E59215

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G7618.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/27/2005

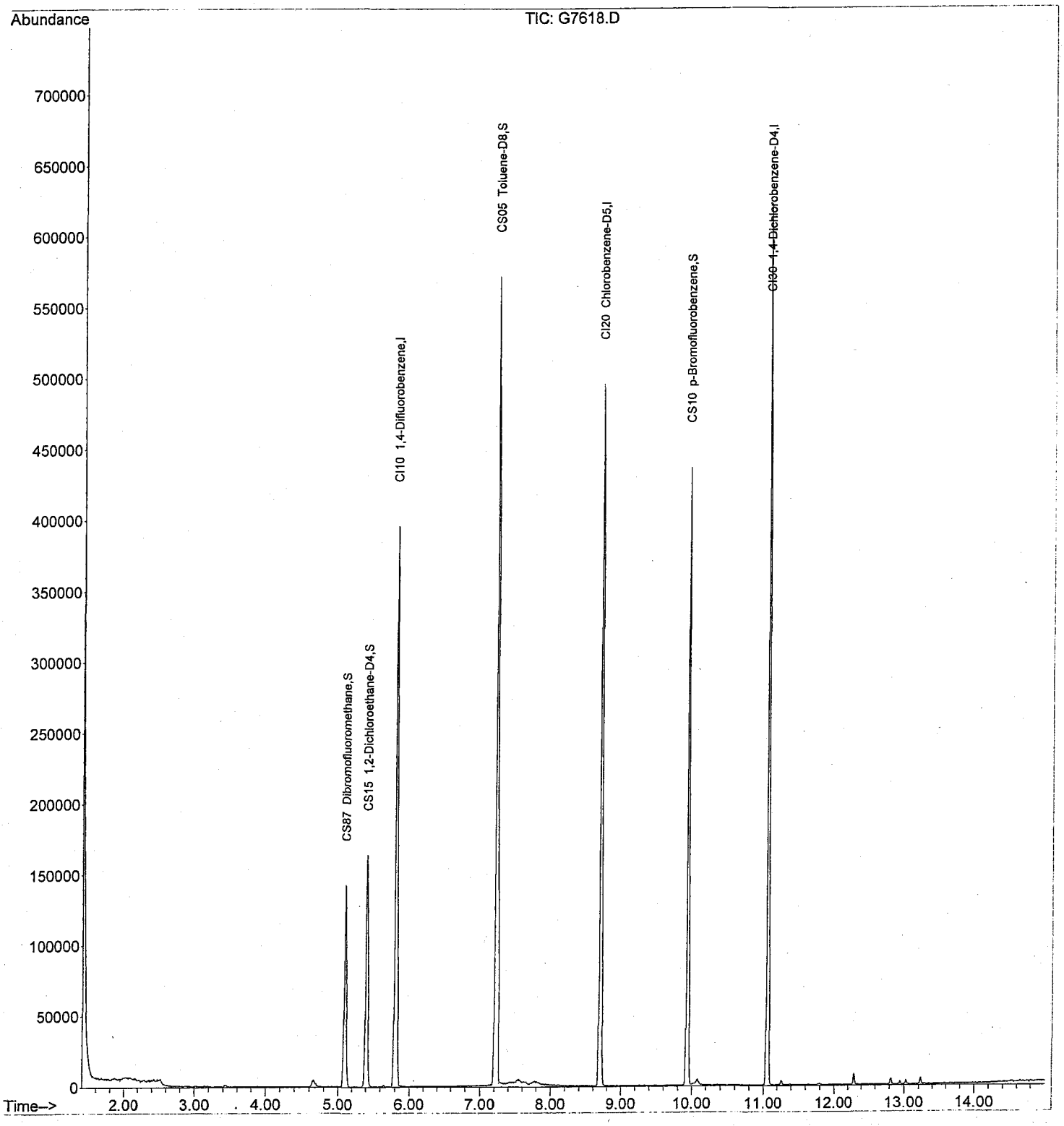
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	5.0	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	1.0	U
91-20-3	Naphthalene	1.0	U
100-42-5	Styrene	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
79-01-6	Trichloroethene	1.0	U
75-01-4	Vinyl chloride	1.0	U
1330-20-7	Total Xylenes	3.0	U

Data File: C:\MSDCHEM\1\DATA\122705\G7618.D
Acq On : 27 Dec 2005 21:51
Sample : VBLK37
Misc :
Integrator: RTE
Quant Time: Dec 27 22:08:42 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 27 21:28:27 2005
Response via : Initial Calibration
Data Path : C:\MSDCHEM\1\DATA\122705\
Operator : TLC



Data File: C:\MSDCHEM\1\DATA\122705\G7618.D
Acq On : 27 Dec 2005 21:51
Sample : VBLK37
Misc :
Integrator: RTE
Quant Time: Dec 27 22:08:42 2005

Wolfadd

Clear
GCB 12/28/05

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 27 21:28:27 2005
Response via : Initial Calibration
Data Path : C:\MSDCHEM\1\DATA\122705\
Operator : TLC

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.81	114	349100	125.00	ng	0.00 99.87%
43) CI20	Chlorobenzene-D5	8.70	82	175393	125.00	ng	0.00 98.78%
63) CI30	1,4-Dichlorobenzene-	11.05	152	165543	125.00	ng	0.00 96.93%
System Monitoring Compounds							
26) CS87	Dibromofluoromethane	5.10	111	98616	112.85	NG	0.00
Spiked Amount	125.000	Range	70 - 130	Recovery =	90.28%		
31) CS15	1,2-Dichloroethane-D	5.41	65	129886	115.57	ng	0.00
Spiked Amount	125.000	Range	73 - 136	Recovery =	92.46%		
44) CS05	Toluene-D8	7.22	98	412984	116.77	ng	0.00
Spiked Amount	125.000	Range	77 - 122	Recovery =	93.42%		
62) CS10	p-Bromofluorobenzene	9.94	174	125482	115.47	ng	0.00
Spiked Amount	125.000	Range	74 - 120	Recovery =	92.38%		

Target Compounds					Qvalue
2) C290	Dichlorodifluorome	0.00	85	0	N.D.
3) C010	Chloromethane	1.59	50	131	N.D.
4) C020	Vinyl chloride	0.00	62	0	N.D.
5) C015	Bromomethane	0.00	94	0	N.D.
6) C025	Chloroethane	0.00	64	0	N.D.
7) C275	Trichlorofluoromet	0.00	101	0	N.D.
8) C045	1,1-Dichloroethene	0.00	96	0	N.D.
9) C030	Methylene chloride	3.44	84	635	N.D.
10) C040	Carbon disulfide	3.15	76	1227	N.D.
11) C036	Acrolein	2.89	56	324	N.D.
12) C038	Acrylonitrile	0.00	53	0	N.D.
13) C035	Acetone	3.03	43	1152	N.D.
14) C300	Acetonitrile	3.35	41	143	N.D.
15) C276	Iodomethane	0.00	142	0	N.D.
16) C291	1,1,2-Trichloro-1,	0.00	101	0	N.D.
17) C962	T-butyl Methyl Eth	0.00	73	0	N.D.
18) C057	trans-1,2-Dichloro	0.00	96	0	N.D.
19) C255	Methyl Acetate	0.00	43	0	N.D.
20) C050	1,1-Dichloroethane	0.00	63	0	N.D.
21) C125	Vinyl Acetate	0.00	43	0	N.D.
22) C051	2,2-Dichloropropan	0.00	77	0	N.D.
23) C056	cis-1,2-Dichloroet	0.00	96	0	N.D.
24) C272	Tetrahydrofuran	0.00	42	0	N.D.
25) C222	Bromochloromethane	0.00	128	0	N.D.
27) C060	Chloroform	0.00	83	0	N.D.
28) C115	1,1,1-Trichloroeth	0.00	97	0	N.D.
29) C120	Carbon tetrachlori	0.00	117	0	N.D.
30) C116	1,1-Dichloropropen	0.00	75	0	N.D.
32) C165	Benzene	5.45	78	57	N.D.
33) C065	1,2-Dichloroethane	0.00	62	0	N.D.
34) C110	2-Butanone	4.69	43	447	N.D.
35) C256	Cyclohexane	0.00	56	0	N.D.
36) C150	Trichloroethene	0.00	95	0	N.D.

MTM 1/9/2006

Data File: C:\MSDCHEM\1\DATA\122705\G7618.D
Acq On : 27 Dec 2005 21:51
Sample : VBLK37
Misc :
Integrator: RTE
Quant Time: Dec 27 22:08:42 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 27 21:28:27 2005
Response via : Initial Calibration
Data Path : C:\MSDCHEM\1\DATA\122705\
Operator : TLC

Internal Standards		R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
37) C140	1,2-Dichloropropan	0.00	63	0	N.D.	
38) C278	Dibromomethane	0.00	93	0	N.D.	
39) C130	Bromodichlorometha	0.00	83	0	N.D.	
40) C161	2-Chloroethylvinyl	6.85	63	295	N.D.	
41) C012	Methylcyclohexane	0.00	83	0	N.D.	
42) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.	
45) C230	Toluene	7.28	92	306	N.D.	
46) C170	trans-1,3-Dichloro	0.00	75	0	N.D.	
47) C284	Ethyl Methacrylate	0.00	69	0	N.D.	
48) C160	1,1,2-Trichloroeth	0.00	83	0	N.D.	
49) C210	4-Methyl-2-pentano	7.22	43	2126	N.D.	
50) C220	Tetrachloroethene	0.00	166	0	N.D.	
51) C221	1,3-Dichloropropan	0.00	76	0	N.D.	
52) C155	Dibromochlorometha	0.00	129	0	N.D.	
53) C163	1,2-Dibromoethane	0.00	107	0	N.D.	
54) C215	2-Hexanone	0.00	43	0	N.D.	
55) C235	Chlorobenzene	8.74	112	374	N.D.	
56) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.	
57) C240	Ethylbenzene	8.95	91	135	N.D.	
58) C246	m,p-Xylene	0.00	106	0	N.D.	
59) C247	o-Xylene	0.00	106	0	N.D.	
60) C245	Styrene	0.00	104	0	N.D.	
61) C180	Bromoform	0.00	173	0	N.D.	
64) C966	Isopropylbenzene	0.00	105	0	N.D.	
65) C301	Bromobenzene	0.00	156	0	N.D.	
66) C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.	
67) C282	1,2,3-Trichloropro	0.00	110	0	N.D.	
68) C283	t-1,4-Dichloro-2-B	0.00	51	0	N.D.	
69) C302	n-Propylbenzene	10.33	91	260	N.D.	
70) C303	2-Chlorotoluene	0.00	126	0	N.D.	
71) C289	4-Chlorotoluene	0.00	126	0	N.D.	
72) C304	1,3,5-Trimethylben	0.00	105	0	N.D.	
73) C306	tert-Butylbenzene	0.00	134	0	N.D.	
74) C307	1,2,4-Trimethylben	10.70	105	206	N.D.	
75) C308	sec-Butylbenzene	10.86	105	63	N.D.	
76) C260	1,3-Dichlorobenzen	0.00	146	0	N.D.	
77) C309	4-Isopropyltoluene	11.00	119	143	N.D.	
78) C267	1,4-Dichlorobenzen	0.00	146	0	N.D.	
79) C249	1,2-Dichlorobenzen	0.00	146	0	N.D.	
80) C310	n-Butylbenzene	11.39	91	459	N.D.	
81) C286	1,2-Dibromo-3-Chlo	12.29	75	387	N.D.	
82) C313	1,2,4-Trichloroben	12.82	180	1554	N.D.	
83) C316	Hexachlorobutadien	12.95	225	418	N.D.	
84) C314	Naphthalene	13.03	128	2793	N.D.	
85) C934	1,2,3-Trichloroben	13.23	180	1586	N.D.	

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

MT 1/9/06

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.

VBLK38

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 1205GW

Matrix: (soil/water) WATER Lab Sample ID: A5B2013902

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G7646.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/28/2005

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	5.0	U
71-43-2	Benzene	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon Disulfide	1.0	U
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	1.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	1.0	U
110-82-7	Cyclohexane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-59-2	cis-1,2-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
98-82-8	Isopropylbenzene	1.0	U
79-20-9	Methyl acetate	1.0	U
108-87-2	Methylcyclohexane	1.0	U
75-09-2	Methylene chloride	1.0	U

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.

VBLK38

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 1205GW

Matrix: (soil/water) WATER Lab Sample ID: A5B2013902

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G7646.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/28/2005

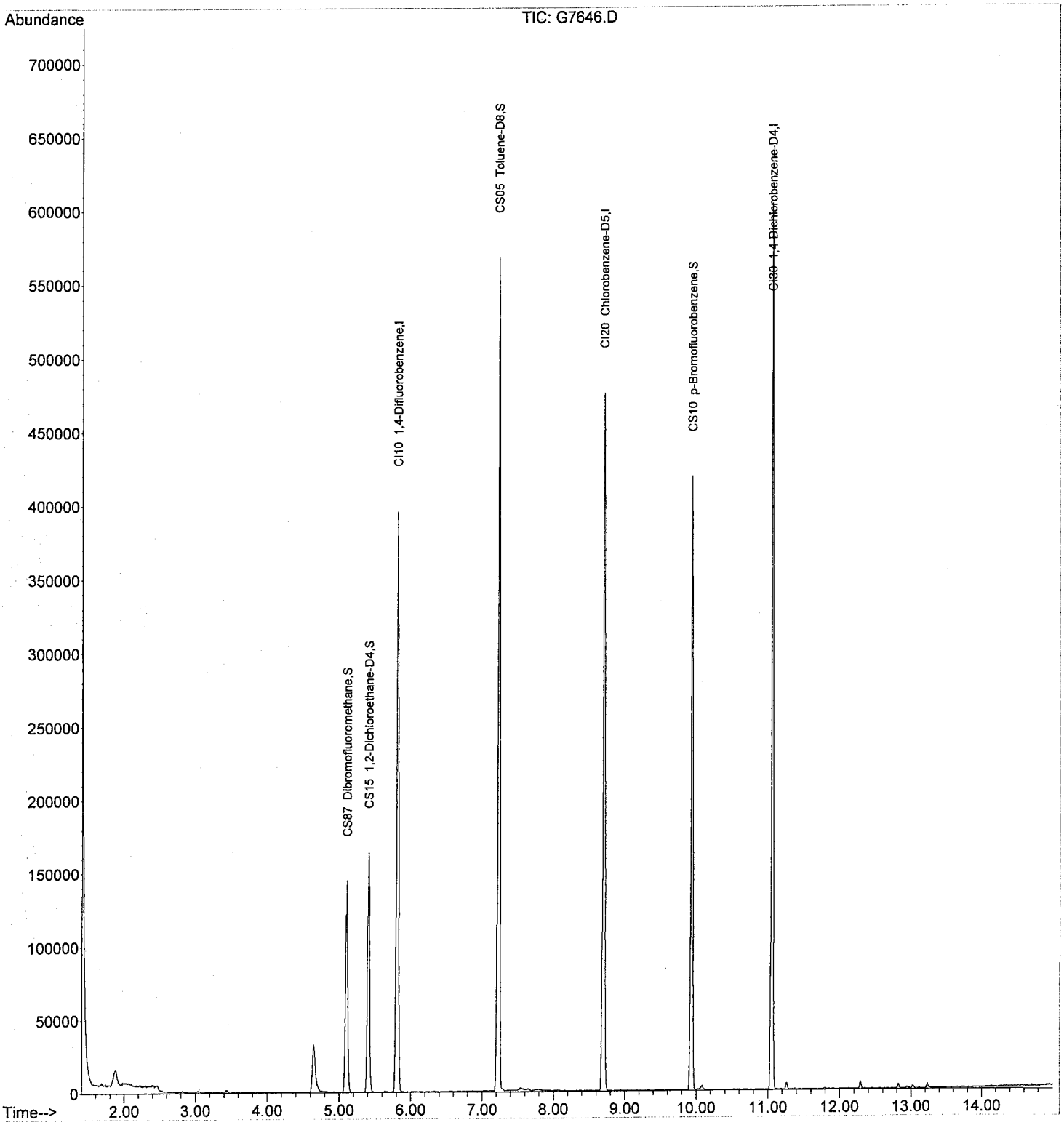
GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	5.0	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	1.0	U
91-20-3	Naphthalene	1.0	U
100-42-5	Styrene	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
79-01-6	Trichloroethene	1.0	U
75-01-4	Vinyl chloride	1.0	U
1330-20-7	Total Xylenes	3.0	U

Data File: C:\MSDChem\1\DATA\122805\G7646.D
Acq On : 28 Dec 2005 10:29
Sample : VBLK38
Misc :
Integrator: RTE
Quant Time: Dec 28 10:47:26 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Wed Dec 28 09:16:02 2005
Response via : Initial Calibration
Data Path : C:\MSDChem\1\DATA\122805\
Operator : TLC



Data File: C:\MSDChem\1\DATA\122805\G7646.D
Acq On : 28 Dec 2005 10:29
Sample : VBLK38
Misc :
Integrator: RTE
Quant Time: Dec 28 10:47:26 2005

No Adds

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Wed Dec 28 09:16:02 2005
Response via : Initial Calibration
Data Path : C:\MSDChem\1\DATA\122805\
Operator : TLC

Clean TRB 12/28/05

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.81	114	346730	125.00	ng	0.00 98.80%
43) CI20	Chlorobenzene-D5	8.70	82	170365	125.00	ng	0.00 97.02%
63) CI30	1,4-Dichlorobenzene-	11.05	152	164259	125.00	ng	0.00 97.52%
System Monitoring Compounds							
26) CS87	Dibromofluoromethane	5.10	111	95584	110.13	NG	0.00
Spiked Amount	125.000	Range	70 - 130	Recovery	=	88.10%	
31) CS15	1,2-Dichloroethane-D	5.41	65	126824	113.62	ng	0.00
Spiked Amount	125.000	Range	73 - 136	Recovery	=	90.90%	
44) CS05	Toluene-D8	7.22	98	404952	117.88	ng	0.00
Spiked Amount	125.000	Range	77 - 122	Recovery	=	94.30%	
62) CS10	p-Bromofluorobenzene	9.94	174	122196	115.77	ng	0.00
Spiked Amount	125.000	Range	74 - 120	Recovery	=	92.62%	

Target Compounds					Qvalue
2) C290	Dichlorodifluorome	0.00	85	0	N.D.
3) C010	Chloromethane	1.60	50	60	N.D.
4) C020	Vinyl chloride	0.00	62	0	N.D.
5) C015	Bromomethane	2.02	94	55	N.D.
6) C025	Chloroethane	2.16	64	62	N.D.
7) C275	Trichlorofluoromet	0.00	101	0	N.D.
8) C045	1,1-Dichloroethene	0.00	96	0	N.D.
9) C030	Methylene chloride	3.43	84	818	N.D.
10) C040	Carbon disulfide	3.15	76	543	N.D.
11) C036	Acrolein	2.85	56	60	N.D.
12) C038	Acrylonitrile	0.00	53	0	N.D.
13) C035	Acetone	3.03	43	1924	N.D.
14) C300	Acetonitrile	3.32	41	142	N.D.
15) C276	Iodomethane	0.00	142	0	N.D.
16) C291	1,1,2-Trichloro-1,	0.00	101	0	N.D.
17) C962	T-butyl Methyl Eth	0.00	73	0	N.D.
18) C057	trans-1,2-Dichloro	0.00	96	0	N.D.
19) C255	Methyl Acetate	0.00	43	0	N.D.
20) C050	1,1-Dichloroethane	0.00	63	0	N.D.
21) C125	Vinyl Acetate	0.00	43	0	N.D.
22) C051	2,2-Dichloropropan	4.64	77	2257	N.D.
23) C056	cis-1,2-Dichloroet	0.00	96	0	N.D.
24) C272	Tetrahydrofuran	0.00	42	0	N.D.
25) C222	Bromochloromethane	0.00	128	0	N.D.
27) C060	Chloroform	0.00	83	0	N.D.
28) C115	1,1,1-Trichloroeth	0.00	97	0	N.D.
29) C120	Carbon tetrachlori	0.00	117	0	N.D.
30) C116	1,1-Dichloropropen	0.00	75	0	N.D.
32) C165	Benzene	5.44	78	117	N.D.
33) C065	1,2-Dichloroethane	0.00	62	0	N.D.
34) C110	2-Butanone	4.64	43	2526	N.D.
35) C256	Cyclohexane	0.00	56	0	N.D.
36) C150	Trichloroethene	0.00	95	0	N.D.

MTM 1/6/2006

Data File: C:\MSDChem\1\DATA\122805\G7646.D
Acq On : 28 Dec 2005 10:29
Sample : VBLK38
Misc :
Integrator: RTE
Quant Time: Dec 28 10:47:26 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Wed Dec 28 09:16:02 2005
Response via : Initial Calibration
Data Path : C:\MSDChem\1\DATA\122805\
Operator : TLC

Internal Standards		R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
37) C140	1,2-Dichloropropan	0.00	63	0	N.D.	
38) C278	Dibromomethane	0.00	93	0	N.D.	
39) C130	Bromodichlorometha	0.00	83	0	N.D.	
40) C161	2-Chloroethylvinyl	0.00	63	0	N.D.	
41) C012	Methylcyclohexane	0.00	83	0	N.D.	
42) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.	
45) C230	Toluene	7.29	92	303	N.D.	
46) C170	trans-1,3-Dichloro	0.00	75	0	N.D.	
47) C284	Ethyl Methacrylate	0.00	69	0	N.D.	
48) C160	1,1,2-Trichloroeth	0.00	83	0	N.D.	
49) C210	4-Methyl-2-pentano	7.22	43	1872	N.D.	
50) C220	Tetrachloroethene	0.00	166	0	N.D.	
51) C221	1,3-Dichloropropan	0.00	76	0	N.D.	
52) C155	Dibromochlorometha	0.00	129	0	N.D.	
53) C163	1,2-Dibromoethane	0.00	107	0	N.D.	
54) C215	2-Hexanone	0.00	43	0	N.D.	
55) C235	Chlorobenzene	8.74	112	409	N.D.	
56) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.	
57) C240	Ethylbenzene	8.95	91	179	N.D.	
58) C246	m,p-Xylene	8.94	106	131	N.D.	
59) C247	o-Xylene	0.00	106	0	N.D.	
60) C245	Styrene	0.00	104	0	N.D.	
61) C180	Bromoform	0.00	173	0	N.D.	
64) C966	Isopropylbenzene	0.00	105	0	N.D.	
65) C301	Bromobenzene	0.00	156	0	N.D.	
66) C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.	
67) C282	1,2,3-Trichloropro	0.00	110	0	N.D.	
68) C283	t-1,4-Dichloro-2-B	0.00	51	0	N.D.	
69) C302	n-Propylbenzene	10.32	91	71	N.D.	
70) C303	2-Chlorotoluene	0.00	126	0	N.D.	
71) C289	4-Chlorotoluene	0.00	126	0	N.D.	
72) C304	1,3,5-Trimethylben	0.00	105	0	N.D.	
73) C306	tert-Butylbenzene	0.00	134	0	N.D.	
74) C307	1,2,4-Trimethylben	10.70	105	55	N.D.	
75) C308	sec-Butylbenzene	10.70	105	55	N.D.	
76) C260	1,3-Dichlorobenzen	0.00	146	0	N.D.	
77) C309	4-Isopropyltoluene	0.00	119	0	N.D.	
78) C267	1,4-Dichlorobenzen	0.00	146	0	N.D.	
79) C249	1,2-Dichlorobenzen	0.00	146	0	N.D.	
80) C310	n-Butylbenzene	11.39	91	307	N.D.	
81) C286	1,2-Dibromo-3-Chlo	12.28	75	282	N.D.	
82) C313	1,2,4-Trichloroben	12.82	180	1092	N.D.	
83) C316	Hexachlorobutadien	12.95	225	268	N.D.	
84) C314	Naphthalene	13.03	128	2128	N.D.	
85) C934	1,2,3-Trichloroben	13.23	180	1270	N.D.	

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

MT 1/6/06

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.

MSB36

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 1205GW

Matrix: (soil/water) WATER Lab Sample ID: A5B2007001

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G7594.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/27/2005

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	5.0	U
71-43-2	Benzene	26	
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon Disulfide	1.0	U
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	26	
75-00-3	Chloroethane	1.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	1.0	U
110-82-7	Cyclohexane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	27	
156-59-2	cis-1,2-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
98-82-8	Isopropylbenzene	1.0	U
79-20-9	Methyl acetate	1.0	U
108-87-2	Methylcyclohexane	1.0	U
75-09-2	Methylene chloride	1.0	U

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.: MSB36

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 1205GW

Matrix: (soil/water) WATER Lab Sample ID: A5B2007001

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G7594.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/27/2005

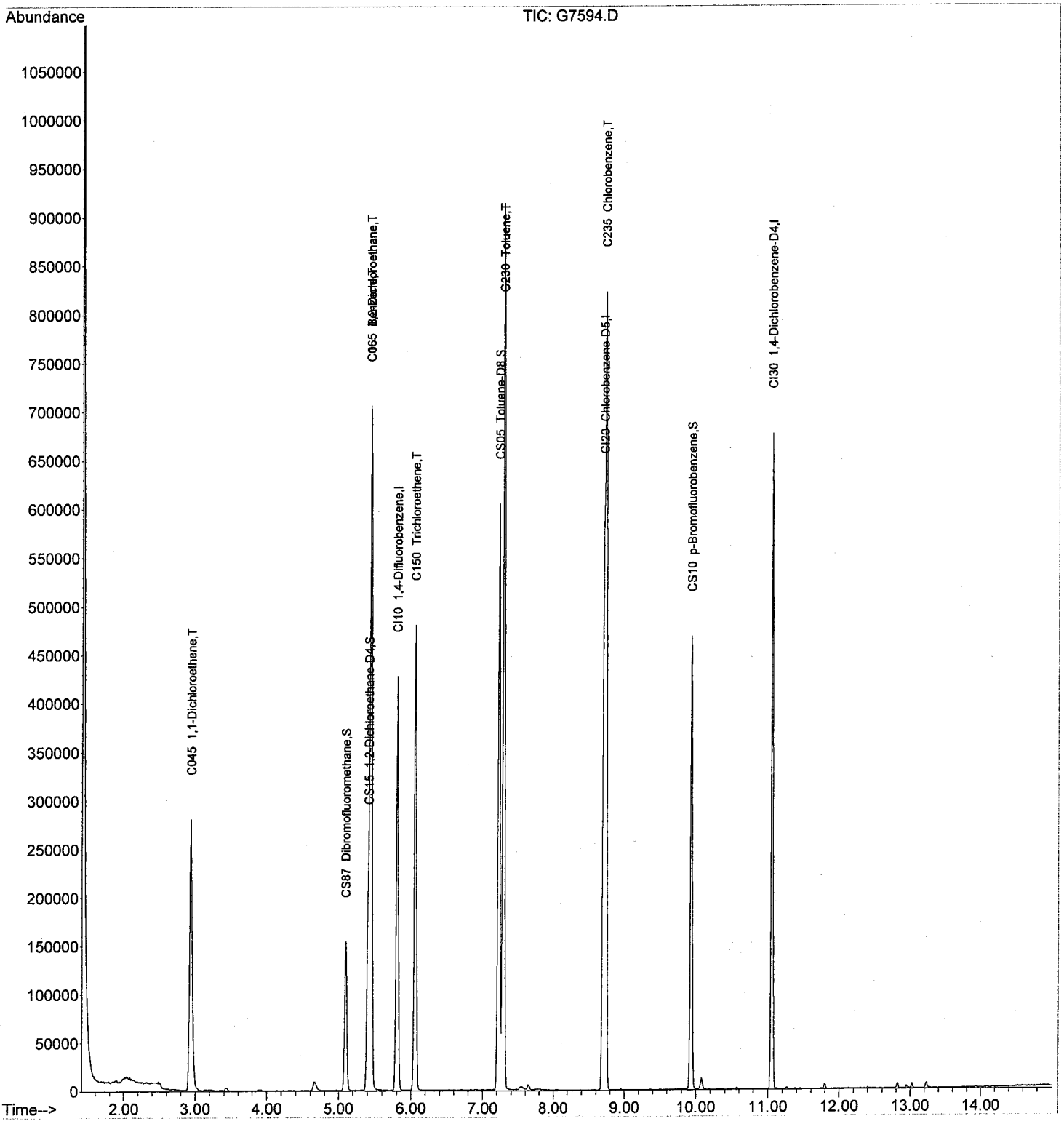
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	5.0	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	1.0	U
91-20-3	Naphthalene	1.0	U
100-42-5	Styrene	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	26	
120-82-1	1,2,4-Trichlorobenzene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
79-01-6	Trichloroethene	26	
75-01-4	Vinyl chloride	1.0	U
1330-20-7	Total Xylenes	3.0	U

Data File: C:\MSDChem\1\DATA\122705\G7594.D
Acq On : 27 Dec 2005 10:26
Sample : MSB
Misc :
Integrator: RTE
Quant Time: Dec 27 10:45:50 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 27 08:55:23 2005
Response via : Initial Calibration
Data Path : C:\MSDChem\1\DATA\122705\
Operator : TLC



Data File: C:\MSDChem\1\DATA\122705\G7594.D
Acq On : 27 Dec 2005 10:26
Sample : MSB
Misc :
Integrator: RTE
Quant Time: Dec 27 10:45:50 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 27 08:55:23 2005
Response via : Initial Calibration
Data Path : C:\MSDChem\1\DATA\122705\
Operator : TLC

TLC 12/27/05

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.80	114	374730	125.00	ng	0.00 100.12%
43) CI20	Chlorobenzene-D5	8.70	82	190265	125.00	ng	0.00 99.09%
63) CI30	1,4-Dichlorobenzene-	11.05	152	179924	125.00	ng	0.00 98.18%
System Monitoring Compounds							
26) CS87	Dibromofluoromethane	5.10	111	106166	113.18	NG	0.00
Spiked Amount	125.000	Range	70 - 130		Recovery =	90.54%	
31) CS15	1,2-Dichloroethane-D	5.41	65	138616	114.90	ng	0.00
Spiked Amount	125.000	Range	73 - 136		Recovery =	91.92%	
44) CS05	Toluene-D8	7.22	98	454857	118.56	ng	0.00
Spiked Amount	125.000	Range	77 - 122		Recovery =	94.85%	
62) CS10	p-Bromofluorobenzene	9.93	174	136455	115.76	ng	0.00
Spiked Amount	125.000	Range	74 - 120		Recovery =	92.61%	
Target Compounds							Qvalue
2) C290	Dichlorodifluorome	0.00	85	0	N.D.		
3) C010	Chloromethane	1.63	50	195	N.D.		
4) C020	Vinyl chloride	0.00	62	0	N.D.		
5) C015	Bromomethane	2.06	94	143	N.D.		
6) C025	Chloroethane	0.00	64	0	N.D.		
7) C275	Trichlorofluoromet	0.00	101	0	N.D.		
8) C045	1,1-Dichloroethene	2.94	96	147335	133.79	ng	85
9) C030	Methylene chloride	3.43	84	1884	N.D.		
10) C040	Carbon disulfide	3.14	76	2547	N.D.		
11) C036	Acrolein	2.88	56	761	N.D.		
12) C038	Acrylonitrile	0.00	53	0	N.D.		
13) C035	Acetone	3.04	43	2426	N.D.		
14) C300	Acetonitrile	3.26	41	144	N.D.		
15) C276	Iodomethane	0.00	142	0	N.D.		
16) C291	1,1,2-Trichloro-1,	2.93	101	66	N.D.		
17) C962	T-butyl Methyl Eth	0.00	73	0	N.D.		
18) C057	trans-1,2-Dichloro	0.00	96	0	N.D.		
19) C255	Methyl Acetate	3.33	43	329	N.D.		
20) C050	1,1-Dichloroethane	0.00	63	0	N.D.		
21) C125	Vinyl Acetate	0.00	43	0	N.D.		
22) C051	2,2-Dichloropropan	4.65	77	687	N.D.		
23) C056	cis-1,2-Dichloroet	0.00	96	0	N.D.		
24) C272	Tetrahydrofuran	4.96	42	353	N.D.		
25) C222	Bromochloromethane	0.00	128	0	N.D.		
27) C060	Chloroform	0.00	83	0	N.D.		
28) C115	1,1,1-Trichloroeth	0.00	97	0	N.D.		
29) C120	Carbon tetrachlori	0.00	117	0	N.D.		
30) C116	1,1-Dichloropropen	0.00	75	0	N.D.		
32) C165	Benzene	5.44	78	674985	130.87	ng	99
~~33) C065~~	~~1,2-Dichloroethane~~	~~5.44~~	~~62~~	~~6291~~	~~3.30~~	~~ng~~	~~# 1~~
34) C110	2-Butanone	4.65	43	480	N.D.		
35) C256	Cyclohexane	0.00	56	0	N.D.		
36) C150	Trichloroethene	6.05	95	171012	129.03	ng	93

MT 1/6/06

Data File: C:\MSDChem\1\DATA\122705\G7594.D
Acq On : 27 Dec 2005 10:26
Sample : MSB
Misc :
Integrator: RTE
Quant Time: Dec 27 10:45:50 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 27 08:55:23 2005
Response via : Initial Calibration
Data Path : C:\MSDChem\1\DATA\122705\
Operator : TLC

Internal Standards		R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
37) C140	1,2-Dichloropropan	0.00	63	0	N.D.	
38) C278	Dibromomethane	0.00	93	0	N.D.	
39) C130	Bromodichlorometha	0.00	83	0	N.D.	
40) C161	2-Chloroethylvinyl	0.00	63	0	N.D.	
41) C012	Methylcyclohexane	0.00	83	0	N.D.	
42) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.	
45) C230	Toluene	7.28	92	431212	127.91 ng	99
46) C170	trans-1,3-Dichloro	0.00	75	0	N.D.	
47) C284	Ethyl Methacrylate	0.00	69	0	N.D.	
48) C160	1,1,2-Trichloroeth	0.00	83	0	N.D.	
49) C210	4-Methyl-2-pentano	7.22	43	2110	N.D.	
50) C220	Tetrachloroethene	0.00	166	0	N.D.	
51) C221	1,3-Dichloropropan	0.00	76	0	N.D.	
52) C155	Dibromochlorometha	0.00	129	0	N.D.	
53) C163	1,2-Dibromoethane	0.00	107	0	N.D.	
54) C215	2-Hexanone	7.98	43	57	N.D.	
55) C235	Chlorobenzene	8.73	112	489287	128.68 ng	99
56) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.	
57) C240	Ethylbenzene	8.95	91	756	N.D.	
58) C246	m,p-Xylene	8.95	106	293	N.D.	
59) C247	o-Xylene	0.00	106	0	N.D.	
60) C245	Styrene	0.00	104	0	N.D.	
61) C180	Bromoform	0.00	173	0	N.D.	
64) C966	Isopropylbenzene	9.92	105	123	N.D.	
65) C301	Bromobenzene	0.00	156	0	N.D.	
66) C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.	
67) C282	1,2,3-Trichloropro	0.00	110	0	N.D.	
68) C283	t-1,4-Dichloro-2-B	0.00	51	0	N.D.	
69) C302	n-Propylbenzene	10.17	91	269	N.D.	
70) C303	2-Chlorotoluene	0.00	126	0	N.D.	
71) C289	4-Chlorotoluene	0.00	126	0	N.D.	
72) C304	1,3,5-Trimethylben	10.34	105	65	N.D.	
73) C306	tert-Butylbenzene	0.00	134	0	N.D.	
74) C307	1,2,4-Trimethylben	10.71	105	406	N.D.	
75) C308	sec-Butylbenzene	10.86	105	227	N.D.	
76) C260	1,3-Dichlorobenzen	0.00	146	0	N.D.	
77) C309	4-Isopropyltoluene	11.00	119	228	N.D.	
78) C267	1,4-Dichlorobenzen	0.00	146	0	N.D.	
79) C249	1,2-Dichlorobenzen	0.00	146	0	N.D.	
80) C310	n-Butylbenzene	11.38	91	531	N.D.	
81) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.	
82) C313	1,2,4-Trichloroben	12.82	180	1810	N.D.	
83) C316	Hexachlorobutadien	12.95	225	506	N.D.	
84) C314	Naphthalene	13.03	128	3982	N.D.	
85) C934	1,2,3-Trichloroben	13.23	180	2171	N.D.	

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

1/6/06

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.

MSB37

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 1205GW

Matrix: (soil/water) WATER Lab Sample ID: A5E59216

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G7617.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/27/2005

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	5.0	U
71-43-2	Benzene	26	
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon Disulfide	1.0	U
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	26	
75-00-3	Chloroethane	1.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	1.0	U
110-82-7	Cyclohexane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	26	
156-59-2	cis-1,2-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
98-82-8	Isopropylbenzene	1.0	U
79-20-9	Methyl acetate	1.0	U
108-87-2	Methylcyclohexane	1.0	U
75-09-2	Methylene chloride	1.0	U

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.: MSB37

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 1205GW

Matrix: (soil/water) WATER Lab Sample ID: A5E59216

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G7617.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/27/2005

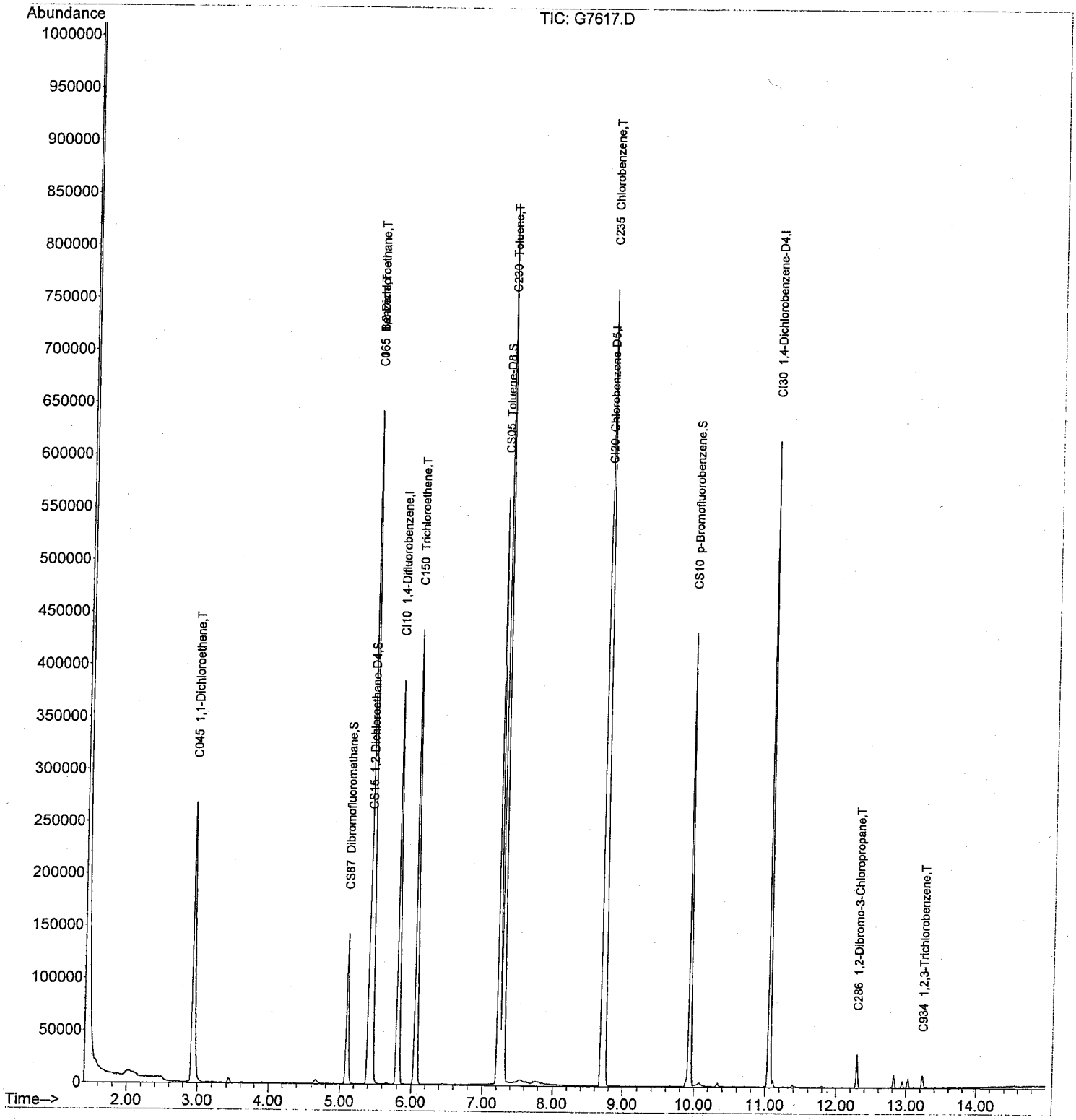
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	5.0	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	1.0	U
91-20-3	Naphthalene	1.0	U
100-42-5	Styrene	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	26	
120-82-1	1,2,4-Trichlorobenzene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
79-01-6	Trichloroethene	25	
75-01-4	Vinyl chloride	1.0	U
1330-20-7	Total Xylenes	3.0	U

Data File: C:\MSDCHEM\1\DATA\122705\G7617.D
Acq On : 27 Dec 2005 21:29
Sample : MSB
Misc :
Integrator: RTE
Quant Time: Dec 27 21:48:15 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 27 21:28:27 2005
Response via : Initial Calibration
Data Path : C:\MSDCHEM\1\DATA\122705\
Operator : TLC



Data File: C:\MSDCHEM\1\DATA\122705\G7617.D
Acq On : 27 Dec 2005 21:29
Sample : MSB
Misc :
Integrator: RTE
Quant Time: Dec 27 21:48:15 2005

OK

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 27 21:28:27 2005
Response via : Initial Calibration
Data Path : C:\MSDCHEM\1\DATA\122705\
Operator : TLC

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.81	114	344655	125.00	ng	0.00 98.60%
43) CI20	Chlorobenzene-D5	8.70	82	173200	125.00	ng	0.00 97.54%
63) CI30	1,4-Dichlorobenzene-	11.05	152	164553	125.00	ng	0.00 96.35%

System Monitoring Compounds

26) CS87	Dibromofluoromethane	5.10	111	97469	112.98	NG	0.00
Spiked Amount	125.000	Range	70 - 130	Recovery	=	90.38%	
31) CS15	1,2-Dichloroethane-D	5.41	65	127885	115.26	ng	0.00
Spiked Amount	125.000	Range	73 - 136	Recovery	=	92.21%	
44) CS05	Toluene-D8	7.22	98	415402	118.94	ng	0.00
Spiked Amount	125.000	Range	77 - 122	Recovery	=	95.15%	
62) CS10	p-Bromofluorobenzene	9.94	174	125439	116.89	ng	0.00
Spiked Amount	125.000	Range	74 - 120	Recovery	=	93.51%	

Target Compounds							Qvalue
2) C290	Dichlorodifluorome	0.00	85	0	N.D.		
3) C010	Chloromethane	1.61	50	63	N.D.		
4) C020	Vinyl chloride	0.00	62	0	N.D.		
5) C015	Bromomethane	0.00	94	0	N.D.		
6) C025	Chloroethane	0.00	64	0	N.D.		
7) C275	Trichlorofluoromet	0.00	101	0	N.D.		
8) C045	1,1-Dichloroethene	2.94	96	131295	129.62	ng	85
9) C030	Methylene chloride	3.44	84	2283	N.D.		
10) C040	Carbon disulfide	3.14	76	1776	N.D.		
11) C036	Acrolein	2.91	56	2115	N.D.		
12) C038	Acrylonitrile	0.00	53	0	N.D.		
13) C035	Acetone	3.03	43	2064	N.D.		
14) C300	Acetonitrile	3.35	41	129	N.D.		
15) C276	Iodomethane	0.00	142	0	N.D.		
16) C291	1,1,2-Trichloro-1,	2.93	101	116	N.D.		
17) C962	T-butyl Methyl Eth	0.00	73	0	N.D.		
18) C057	trans-1,2-Dichloro	0.00	96	0	N.D.		
19) C255	Methyl Acetate	3.25	43	59	N.D.		
20) C050	1,1-Dichloroethane	0.00	63	0	N.D.		
21) C125	Vinyl Acetate	0.00	43	0	N.D.		
22) C051	2,2-Dichloropropan	0.00	77	0	N.D.		
23) C056	cis-1,2-Dichloroet	0.00	96	0	N.D.		
24) C272	Tetrahydrofuran	0.00	42	0	N.D.		
25) C222	Bromochloromethane	0.00	128	0	N.D.		
27) C060	Chloroform	0.00	83	0	N.D.		
28) C115	1,1,1-Trichloroeth	0.00	97	0	N.D.		
29) C120	Carbon tetrachlori	0.00	117	0	N.D.		
30) C116	1,1-Dichloropropen	0.00	75	0	N.D.		
32) C165	Benzene	5.44	78	612721	129.17	ng	98
~~33) C065~~	~~1,2-Dichloroethane~~	~~5.44~~	~~62~~	~~5330~~	~~3.04~~	~~ng #~~	~~1~~
34) C110	2-Butanone	4.67	43	527	N.D.		
35) C256	Cyclohexane	0.00	56	0	N.D.		
36) C150	Trichloroethene	6.05	95	154783	126.97	ng	93

1/9/06

Data File: C:\MSDCHEM\1\DATA\122705\G7617.D
Acq On : 27 Dec 2005 21:29
Sample : MSB
Misc :
Integrator: RTE
Quant Time: Dec 27 21:48:15 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 27 21:28:27 2005
Response via : Initial Calibration
Data Path : C:\MSDCHEM\1\DATA\122705\
Operator : TLC

Internal Standards		R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
37) C140	1,2-Dichloropropan	0.00	63	0	N.D.	
38) C278	Dibromomethane	0.00	93	0	N.D.	
39) C130	Bromodichlorometha	0.00	83	0	N.D.	
40) C161	2-Chloroethylvinyl	0.00	63	0	N.D.	
41) C012	Methylcyclohexane	0.00	83	0	N.D.	
42) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.	
45) C230	Toluene	7.28	92	392646	127.95 ng	99
46) C170	trans-1,3-Dichloro	0.00	75	0	N.D.	
47) C284	Ethyl Methacrylate	0.00	69	0	N.D.	
48) C160	1,1,2-Trichloroeth	0.00	83	0	N.D.	
49) C210	4-Methyl-2-pentano	7.22	43	1899	N.D.	
50) C220	Tetrachloroethene	7.84	166	59	N.D.	
51) C221	1,3-Dichloropropan	0.00	76	0	N.D.	
52) C155	Dibromochlorometha	0.00	129	0	N.D.	
53) C163	1,2-Dibromoethane	0.00	107	0	N.D.	
54) C215	2-Hexanone	0.00	43	0	N.D.	
55) C235	Chlorobenzene	8.73	112	445917	128.83 ng	99
56) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.	
57) C240	Ethylbenzene	8.83	91	244	N.D.	
58) C246	m,p-Xylene	8.95	106	66	N.D.	
59) C247	o-Xylene	0.00	106	0	N.D.	
60) C245	Styrene	0.00	104	0	N.D.	
61) C180	Bromoform	0.00	173	0	N.D.	
64) C966	Isopropylbenzene	9.76	105	63	N.D.	
65) C301	Bromobenzene	0.00	156	0	N.D.	
66) C225	1,1,2,2-Tetrachlor	9.89	83	60	N.D.	
67) C282	1,2,3-Trichloropro	0.00	110	0	N.D.	
68) C283	t-1,4-Dichloro-2-B	0.00	51	0	N.D.	
69) C302	n-Propylbenzene	10.17	91	66	N.D.	
70) C303	2-Chlorotoluene	10.33	126	727	N.D.	
71) C289	4-Chlorotoluene	10.33	126	727	N.D.	
72) C304	1,3,5-Trimethylben	10.34	105	314	N.D.	
73) C306	tert-Butylbenzene	0.00	134	0	N.D.	
74) C307	1,2,4-Trimethylben	10.71	105	434	N.D.	
75) C308	sec-Butylbenzene	10.88	105	526	N.D.	
76) C260	1,3-Dichlorobenzen	11.00	146	340	N.D.	
77) C309	4-Isopropyltoluene	11.00	119	509	N.D.	
78) C267	1,4-Dichlorobenzen	11.08	146	416	N.D.	
79) C249	1,2-Dichlorobenzen	11.42	146	509	N.D.	
80) C310	n-Butylbenzene	11.39	91	1569	N.D.	
81) C286	1,2-Dibromo-3-Chloro	12.28	75	1539	6.36 ng #	1
82) C313	1,2,4-Trichloroben	12.82	180	3786	N.D.	
83) C316	Hexachlorobutadien	12.95	225	1399	N.D.	
84) C314	Naphthalene	13.03	128	7263	N.D.	
85) C934	1,2,3-Trichlorobenze	13.23	180	4009	2.22 ng	98

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

mm 1/9/06

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.: MSB38

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 1205GW

Matrix: (soil/water) WATER Lab Sample ID: A5B2013901

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G7645.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/28/2005

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	5.0	U
71-43-2	Benzene	26	
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon Disulfide	1.0	U
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	26	
75-00-3	Chloroethane	1.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	1.0	U
110-82-7	Cyclohexane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	26	
156-59-2	cis-1,2-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
98-82-8	Isopropylbenzene	1.0	U
79-20-9	Methyl acetate	1.0	U
108-87-2	Methylcyclohexane	1.0	U
75-09-2	Methylene chloride	1.0	U

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.: MSB38

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 1205GW

Matrix: (soil/water) WATER Lab Sample ID: A5B2013901

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G7645.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/28/2005

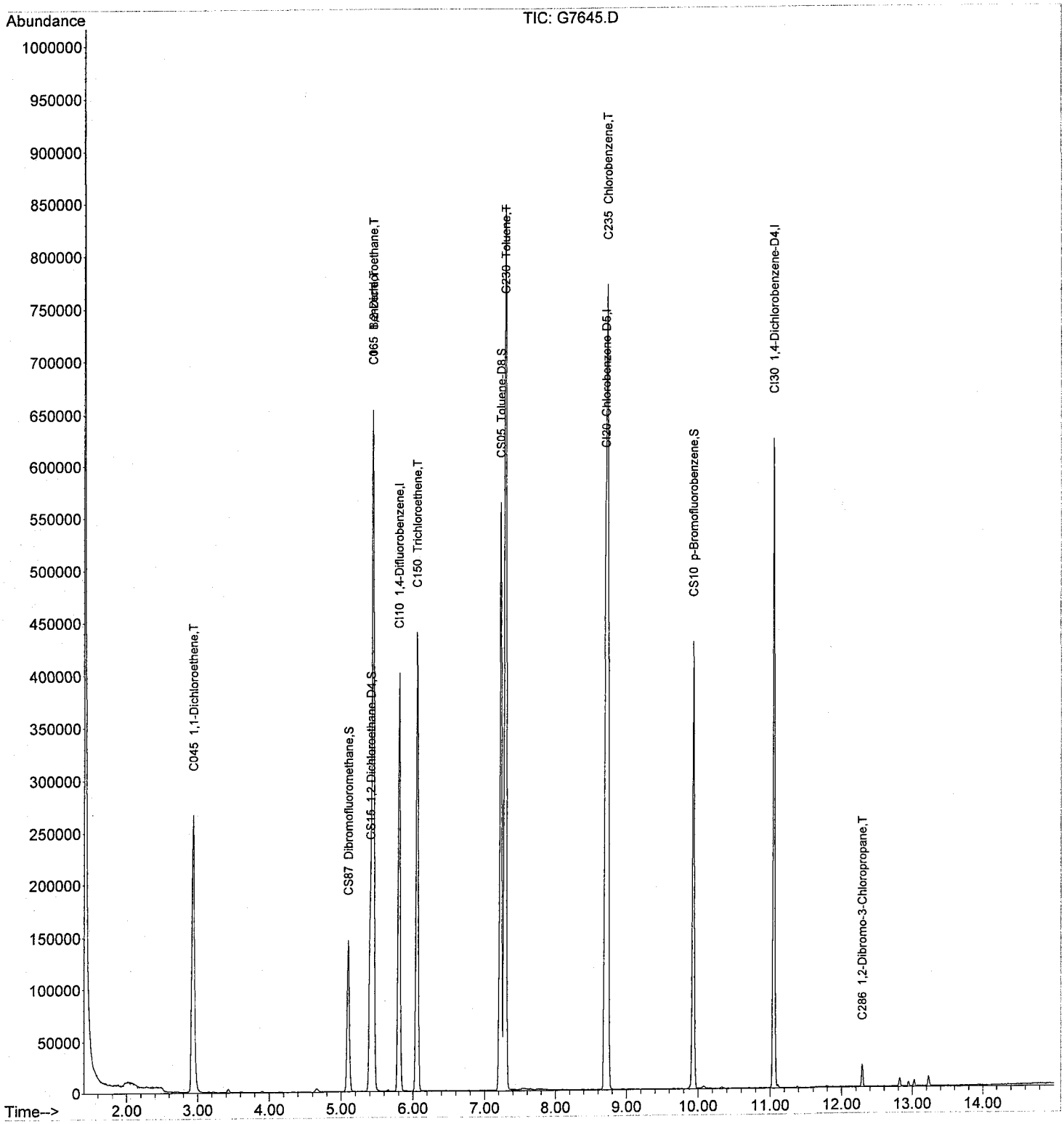
GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	5.0	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	1.0	U
91-20-3	Naphthalene	1.0	U
100-42-5	Styrene	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	25	
120-82-1	1,2,4-Trichlorobenzene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
79-01-6	Trichloroethene	25	
75-01-4	Vinyl chloride	1.0	U
1330-20-7	Total Xylenes	3.0	U

Data File: C:\MSDChem\1\DATA\122805\G7645.D
Acq On : 28 Dec 2005 10:06
Sample : MSB
Misc :
Integrator: RTE
Quant Time: Dec 28 10:28:26 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Wed Dec 28 09:16:02 2005
Response via : Initial Calibration
Data Path : C:\MSDChem\1\DATA\122805\
Operator : TLC



Data File: C:\MSDChem\1\DATA\122805\G7645.D
Acq On : 28 Dec 2005 10:06
Sample : MSB
Misc :
Integrator: RTE
Quant Time: Dec 28 10:28:26 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Wed Dec 28 09:16:02 2005
Response via : Initial Calibration
Data Path : C:\MSDChem\1\DATA\122805\
Operator : TLC

SLK 1/2/2006 TLC

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.80	114	351696	125.00	ng	0.00 100.21%
43) CI20	Chlorobenzene-D5	8.70	82	176749	125.00	ng	0.00 100.66%
63) CI30	1,4-Dichlorobenzene-	11.05	152	165886	125.00	ng	0.00 98.49%
System Monitoring Compounds							
26) CS87	Dibromofluoromethane	5.10	111	99348	112.85	NG	0.00
Spiked Amount	125.000	Range	70 - 130	Recovery	=	90.28%	
31) CS15	1,2-Dichloroethane-D	5.40	65	129454	114.34	ng	0.00
Spiked Amount	125.000	Range	73 - 136	Recovery	=	91.47%	
44) CS05	Toluene-D8	7.22	98	419818	117.79	ng	0.00
Spiked Amount	125.000	Range	77 - 122	Recovery	=	94.23%	
62) CS10	p-Bromofluorobenzene	9.94	174	127635	116.55	ng	0.00
Spiked Amount	125.000	Range	74 - 120	Recovery	=	93.24%	
Target Compounds							Qvalue
2) C290	Dichlorodifluorome	0.00	85	0	N.D.		
3) C010	Chloromethane	1.61	50	61	N.D.		
4) C020	Vinyl chloride	0.00	62	0	N.D.		
5) C015	Bromomethane	2.07	94	57	N.D.		
6) C025	Chloroethane	0.00	64	0	N.D.		
7) C275	Trichlorofluoromet	0.00	101	0	N.D.		
8) C045	1,1-Dichloroethene	2.93	96	131905	127.62	ng	88
9) C030	Methylene chloride	3.43	84	1763	N.D.		
10) C040	Carbon disulfide	3.14	76	908	N.D.		
11) C036	Acrolein	2.88	56	1066	N.D.		
12) C038	Acrylonitrile	0.00	53	0	N.D.		
13) C035	Acetone	3.03	43	1465	N.D.		
14) C300	Acetonitrile	3.32	41	224	N.D.		
15) C276	Iodomethane	0.00	142	0	N.D.		
16) C291	1,1,2-Trichloro-1,	2.94	101	55	N.D.		
17) C962	T-butyl Methyl Eth	0.00	73	0	N.D.		
18) C057	trans-1,2-Dichloro	0.00	96	0	N.D.		
19) C255	Methyl Acetate	3.33	43	67	N.D.		
20) C050	1,1-Dichloroethane	0.00	63	0	N.D.		
21) C125	Vinyl Acetate	0.00	43	0	N.D.		
22) C051	2,2-Dichloropropan	0.00	77	0	N.D.		
23) C056	cis-1,2-Dichloroet	0.00	96	0	N.D.		
24) C272	Tetrahydrofuran	0.00	42	0	N.D.		
25) C222	Bromochloromethane	0.00	128	0	N.D.		
27) C060	Chloroform	0.00	83	0	N.D.		
28) C115	1,1,1-Trichloroeth	0.00	97	0	N.D.		
29) C120	Carbon tetrachlori	0.00	117	0	N.D.		
30) C116	1,1-Dichloropropen	0.00	75	0	N.D.		
32) C165	Benzene	5.44	78	617322	127.53	ng	98
33) C065	1,2-Dichloroethane	5.44	62	5357	2.99	ng	# 1
34) C110	2-Butanone	4.67	43	730	N.D.		
35) C256	Cyclohexane	0.00	56	0	N.D.		
36) C150	Trichloroethene	6.05	95	158588	127.49	ng	93

mm 1/6/2006

Data File: C:\MSDChem\1\DATA\122805\G7645.D
Acq On : 28 Dec 2005 10:06
Sample : MSB
Misc :
Integrator: RTE
Quant Time: Dec 28 10:28:26 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Wed Dec 28 09:16:02 2005
Response via : Initial Calibration
Data Path : C:\MSDChem\1\DATA\122805\
Operator : TLC

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
37) C140	1,2-Dichloropropan	0.00	63	0	N.D.		
38) C278	Dibromomethane	0.00	93	0	N.D.		
39) C130	Bromodichlorometha	0.00	83	0	N.D.		
40) C161	2-Chloroethylvinyl	0.00	63	0	N.D.		
41) C012	Methylcyclohexane	6.06	83	1696	N.D.		
42) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.		
45) C230	Toluene	7.28	92	394916	126.10	ng	100
46) C170	trans-1,3-Dichloro	0.00	75	0	N.D.		
47) C284	Ethyl Methacrylate	0.00	69	0	N.D.		
48) C160	1,1,2-Trichloroeth	0.00	83	0	N.D.		
49) C210	4-Methyl-2-pentano	7.22	43	1972	N.D.		
50) C220	Tetrachloroethene	0.00	166	0	N.D.		
51) C221	1,3-Dichloropropan	0.00	76	0	N.D.		
52) C155	Dibromochlorometha	0.00	129	0	N.D.		
53) C163	1,2-Dibromoethane	0.00	107	0	N.D.		
54) C215	2-Hexanone	0.00	43	0	N.D.		
55) C235	Chlorobenzene	8.73	112	450932	127.67	ng	99
56) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.		
57) C240	Ethylbenzene	8.94	91	658	N.D.		
58) C246	m,p-Xylene	8.95	106	214	N.D.		
59) C247	o-Xylene	0.00	106	0	N.D.		
60) C245	Styrene	0.00	104	0	N.D.		
61) C180	Bromoform	0.00	173	0	N.D.		
64) C966	Isopropylbenzene	0.00	105	0	N.D.		
65) C301	Bromobenzene	0.00	156	0	N.D.		
66) C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.		
67) C282	1,2,3-Trichloropro	0.00	110	0	N.D.		
68) C283	t-1,4-Dichloro-2-B	0.00	51	0	N.D.		
69) C302	n-Propylbenzene	10.17	91	66	N.D.		
70) C303	2-Chlorotoluene	10.33	126	382	N.D.		
71) C289	4-Chlorotoluene	10.33	126	382	N.D.		
72) C304	1,3,5-Trimethylben	0.00	105	0	N.D.		
73) C306	tert-Butylbenzene	0.00	134	0	N.D.		
74) C307	1,2,4-Trimethylben	10.72	105	209	N.D.		
75) C308	sec-Butylbenzene	10.86	105	138	N.D.		
76) C260	1,3-Dichlorobenzen	11.00	146	61	N.D.		
77) C309	4-Isopropyltoluene	11.01	119	249	N.D.		
78) C267	1,4-Dichlorobenzen	11.07	146	196	N.D.		
79) C249	1,2-Dichlorobenzen	11.43	146	74	N.D.		
80) C310	n-Butylbenzene	11.38	91	980	N.D.		
81) C286	1,2-Dibromo-3-Chloro	12.29	75	1175	4.81	ng	# 1
82) C313	1,2,4-Trichloroben	12.82	180	2886	N.D.		
83) C316	Hexachlorobutadien	12.95	225	966	N.D.		
84) C314	Naphthalene	13.03	128	5111	N.D.		
85) C934	1,2,3-Trichloroben	13.23	180	3184	N.D.		

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

1/6/2006

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.

MW-31

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 1205GW

Matrix: (soil/water) WATER Lab Sample ID: A5E59201MS

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G7596.RR

Level: (low/med) LOW Date Samp/Recv: 12/21/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/27/2005

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	2.8	J
71-43-2	Benzene	19	
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon Disulfide	1.0	U
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	19	
75-00-3	Chloroethane	1.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	1.0	U
110-82-7	Cyclohexane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	13	
156-59-2	cis-1,2-Dichloroethene	100	
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
98-82-8	Isopropylbenzene	1.0	U
79-20-9	Methyl acetate	1.0	U
108-87-2	Methylcyclohexane	1.0	U
75-09-2	Methylene chloride	1.0	U

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.

MW-31

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 1205GW

Matrix: (soil/water) WATER Lab Sample ID: A5E59201MS

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G7596.RR

Level: (low/med) LOW Date Samp/Recv: 12/21/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/27/2005

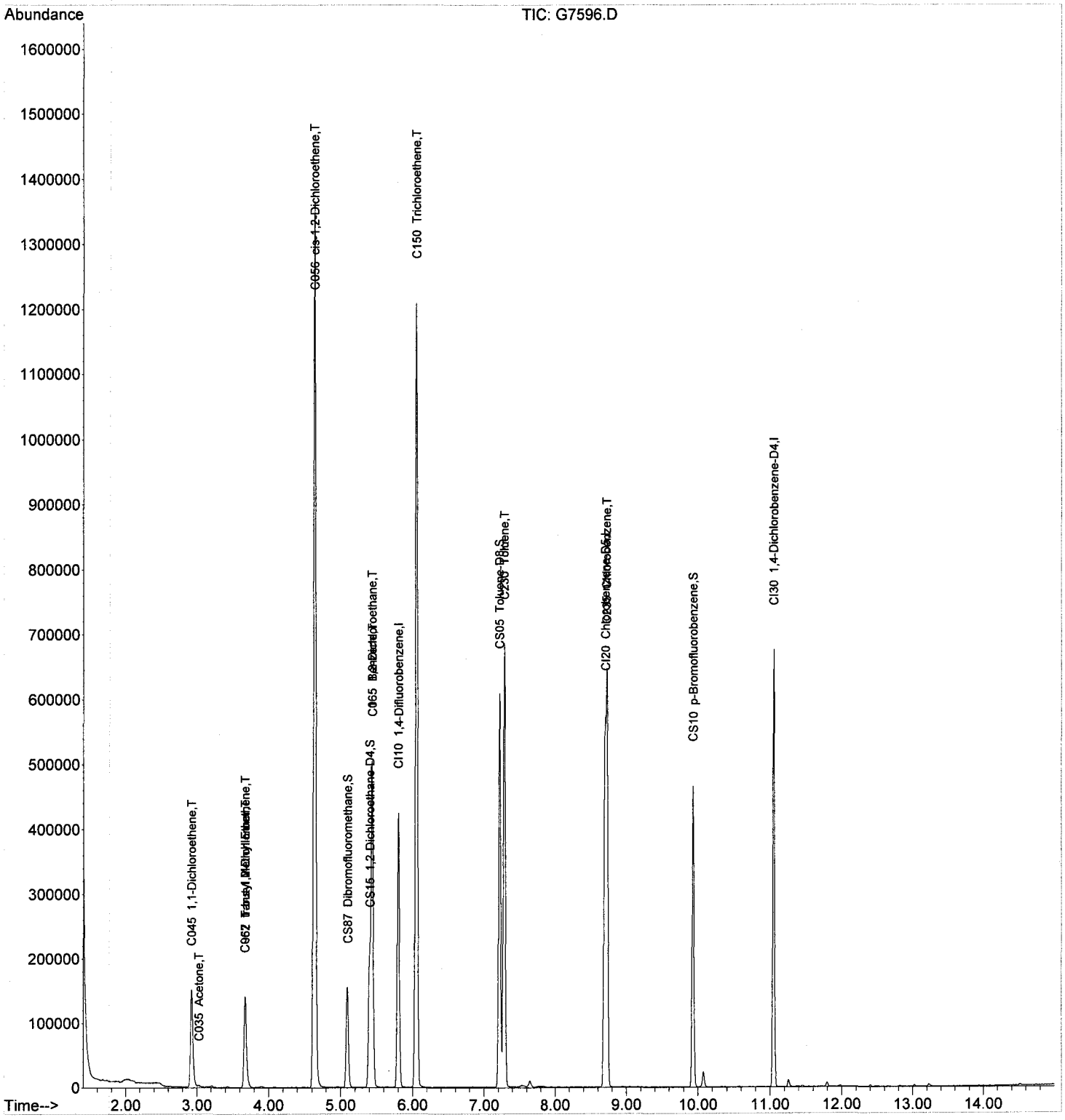
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	5.0	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	2.4	
91-20-3	Naphthalene	1.0	U
100-42-5	Styrene	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	19	
120-82-1	1,2,4-Trichlorobenzene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
79-01-6	Trichloroethene	67	
75-01-4	Vinyl chloride	1.0	U
1330-20-7	Total Xylenes	3.0	U

Data File: C:\MSDCHEM\1\DATA\122705\G7596.D
Acq On : 27 Dec 2005 13:39
Sample : A5E59201MS
Misc :
Integrator: RTE
Quant Time: Dec 27 18:06:48 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 27 08:55:23 2005
Response via : Initial Calibration
Data Path : C:\MSDCHEM\1\DATA\122705\
Operator : TLC



Data File: C:\MSDCHEM\1\DATA\122705\G7596.D
Acq On : 27 Dec 2005 13:39
Sample : A5E59201MS
Misc :
Integrator: RTE
Quant Time: Dec 27 18:06:48 2005

SFE 12/28/05

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 27 08:55:23 2005
Response via : Initial Calibration
Data Path : C:\MSDCHEM\1\DATA\122705\
Operator : TLC

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.80	114	372272	125.00	ng		0.00 99.46%
43) CI20	Chlorobenzene-D5	8.70	82	189889	125.00	ng		0.00 98.90%
63) CI30	1,4-Dichlorobenzene-	11.05	152	179742	125.00	ng		0.00 98.08%
System Monitoring Compounds								
26) CS87	Dibromofluoromethane	5.09	111	107960	115.85	NG		0.00
Spiked Amount	125.000	Range	70 - 130		Recovery =	92.68%		
31) CS15	1,2-Dichloroethane-D	5.40	65	138743	115.77	ng		0.00
Spiked Amount	125.000	Range	73 - 136		Recovery =	92.62%		
44) CS05	Toluene-D8	7.22	98	443135	115.73	ng		0.00
Spiked Amount	125.000	Range	77 - 122		Recovery =	92.58%		
62) CS10	p-Bromofluorobenzene	9.93	174	134625	114.43	ng		0.00
Spiked Amount	125.000	Range	74 - 120		Recovery =	91.54%		
Target Compounds								Qvalue
2) C290	Dichlorodifluorome	0.00	85	0	N.D.			
3) C010	Chloromethane	1.59	50	967	N.D.			
4) C020	Vinyl chloride	1.71	62	1824	N.D.			
5) C015	Bromomethane	2.04	94	223	N.D.			
6) C025	Chloroethane	0.00	64	0	N.D.			
7) C275	Trichlorofluoromet	0.00	101	0	N.D.			
8) C045	1,1-Dichloroethene	2.93	96	73625	67.30	ng		92
9) C030	Methylene chloride	3.42	84	790	N.D.			
10) C040	Carbon disulfide	3.14	76	3674	N.D.			
11) C036	Acrolein	2.91	56	76	N.D.			
12) C038	Acrylonitrile	3.69	53	362	N.D.			
13) C035	Acetone	3.02	43	5579	13.79	ng		81
14) C300	Acetonitrile	3.38	41	388	N.D.			
15) C276	Iodomethane	0.00	142	0	N.D.			
16) C291	1,1,2-Trichloro-1,	0.00	101	0	N.D.			
17) C962	T-butyl Methyl Ether	3.68	73	47575	12.07	ng		93
18) C057	trans-1,2-Dichloroet	3.68	96	51251	41.74	ng	#	51
19) C255	Methyl Acetate	3.33	43	126	N.D.			
20) C050	1,1-Dichloroethane	4.08	63	1440	N.D.			
21) C125	Vinyl Acetate	4.14	43	267	N.D.			
22) C051	2,2-Dichloropropan	4.64	77	359	N.D.			
23) C056	cis-1,2-Dichloroethe	4.64	96	680725	498.40	ng		97
24) C272	Tetrahydrofuran	4.97	42	1044	N.D.			
25) C222	Bromochloromethane	0.00	128	0	N.D.			
27) C060	Chloroform	0.00	83	0	N.D.			
28) C115	1,1,1-Trichloroeth	0.00	97	0	N.D.			
29) C120	Carbon tetrachlori	0.00	117	0	N.D.			
30) C116	1,1-Dichloropropen	0.00	75	0	N.D.			
32) C165	Benzene	5.44	78	478953	93.48	ng		99
33) C065	1,2-Dichloroethane	5.44	62	4711	2.49	ng	#	1
34) C110	2-Butanone	4.68	43	1931	N.D.			
35) C256	Cyclohexane	0.00	56	0	N.D.			
36) C150	Trichloroethene	6.05	95	443516	336.84	ng		94

1/6/2006

Data File: C:\MSDCHEM\1\DATA\122705\G7596.D
Acq On : 27 Dec 2005 13:39
Sample : A5E59201MS
Misc :
Integrator: RTE
Quant Time: Dec 27 18:06:48 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 27 08:55:23 2005
Response via : Initial Calibration
Data Path : C:\MSDCHEM\1\DATA\122705\
Operator : TLC

Internal Standards		R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
37) C140	1,2-Dichloropropan	0.00	63	0	N.D.	
38) C278	Dibromomethane	0.00	93	0	N.D.	
39) C130	Bromodichlorometha	0.00	83	0	N.D.	
40) C161	2-Chloroethylvinyl	6.84	63	285	N.D.	
41) C012	Methylcyclohexane	0.00	83	0	N.D.	
42) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.	
45) C230	Toluene	7.28	92	315686	93.83 ng	99
46) C170	trans-1,3-Dichloro	0.00	75	0	N.D.	
47) C284	Ethyl Methacrylate	0.00	69	0	N.D.	
48) C160	1,1,2-Trichloroeth	0.00	83	0	N.D.	
49) C210	4-Methyl-2-pentano	7.22	43	2212	N.D.	
50) C220	Tetrachloroethene	7.83	166	271	N.D.	
51) C221	1,3-Dichloropropan	0.00	76	0	N.D.	
52) C155	Dibromochlorometha	0.00	129	0	N.D.	
53) C163	1,2-Dibromoethane	0.00	107	0	N.D.	
54) C215	2-Hexanone	8.06	43	115	N.D.	
55) C235	Chlorobenzene	8.73	112	365347	96.28 ng	99
56) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.	
57) C240	Ethylbenzene	8.94	91	836	N.D.	
58) C246	m,p-Xylene	8.94	106	248	N.D.	
59) C247	o-Xylene	0.00	106	0	N.D.	
60) C245	Styrene	0.00	104	0	N.D.	
61) C180	Bromoform	0.00	173	0	N.D.	
64) C966	Isopropylbenzene	9.75	105	77	N.D.	
65) C301	Bromobenzene	0.00	156	0	N.D.	
66) C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.	
67) C282	1,2,3-Trichloropro	0.00	110	0	N.D.	
68) C283	t-1,4-Dichloro-2-B	0.00	51	0	N.D.	
69) C302	n-Propylbenzene	10.16	91	67	N.D.	
70) C303	2-Chlorotoluene	0.00	126	0	N.D.	
71) C289	4-Chlorotoluene	0.00	126	0	N.D.	
72) C304	1,3,5-Trimethylben	10.35	105	62	N.D.	
73) C306	tert-Butylbenzene	0.00	134	0	N.D.	
74) C307	1,2,4-Trimethylben	10.70	105	475	N.D.	
75) C308	sec-Butylbenzene	10.70	105	475	N.D.	
76) C260	1,3-Dichlorobenzen	10.99	146	57	N.D.	
77) C309	4-Isopropyltoluene	11.01	119	353	N.D.	
78) C267	1,4-Dichlorobenzen	11.08	146	123	N.D.	
79) C249	1,2-Dichlorobenzen	0.00	146	0	N.D.	
80) C310	n-Butylbenzene	11.38	91	298	N.D.	
81) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.	
82) C313	1,2,4-Trichloroben	12.82	180	747	N.D.	
83) C316	Hexachlorobutadien	12.95	225	258	N.D.	
84) C314	Naphthalene	13.03	128	2640	N.D.	
85) C934	1,2,3-Trichloroben	13.23	180	813	N.D.	

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

1/6/2006

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.

MW-31

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 1205GW

Matrix: (soil/water) WATER Lab Sample ID: A5E59201SD

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G7597.RR

Level: (low/med) LOW Date Samp/Recv: 12/21/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/27/2005

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	5.0	U
71-43-2	Benzene	23	
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon Disulfide	1.0	U
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	24	
75-00-3	Chloroethane	1.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	1.0	U
110-82-7	Cyclohexane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	17	
156-59-2	cis-1,2-Dichloroethene	99	
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
98-82-8	Isopropylbenzene	1.0	U
79-20-9	Methyl acetate	1.0	U
108-87-2	Methylcyclohexane	1.0	U
75-09-2	Methylene chloride	1.0	U

METHOD 8260 - TCL VOLATILE ORGANICS + NAPH - W
ANALYSIS DATA SHEET

Client No.

MW-31

Lab Name: STL Buffalo Contract: 4

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 1205GW

Matrix: (soil/water) WATER Lab Sample ID: A5E59201SD

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G7597.RR

Level: (low/med) LOW Date Samp/Recv: 12/21/2005 12/23/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 12/27/2005

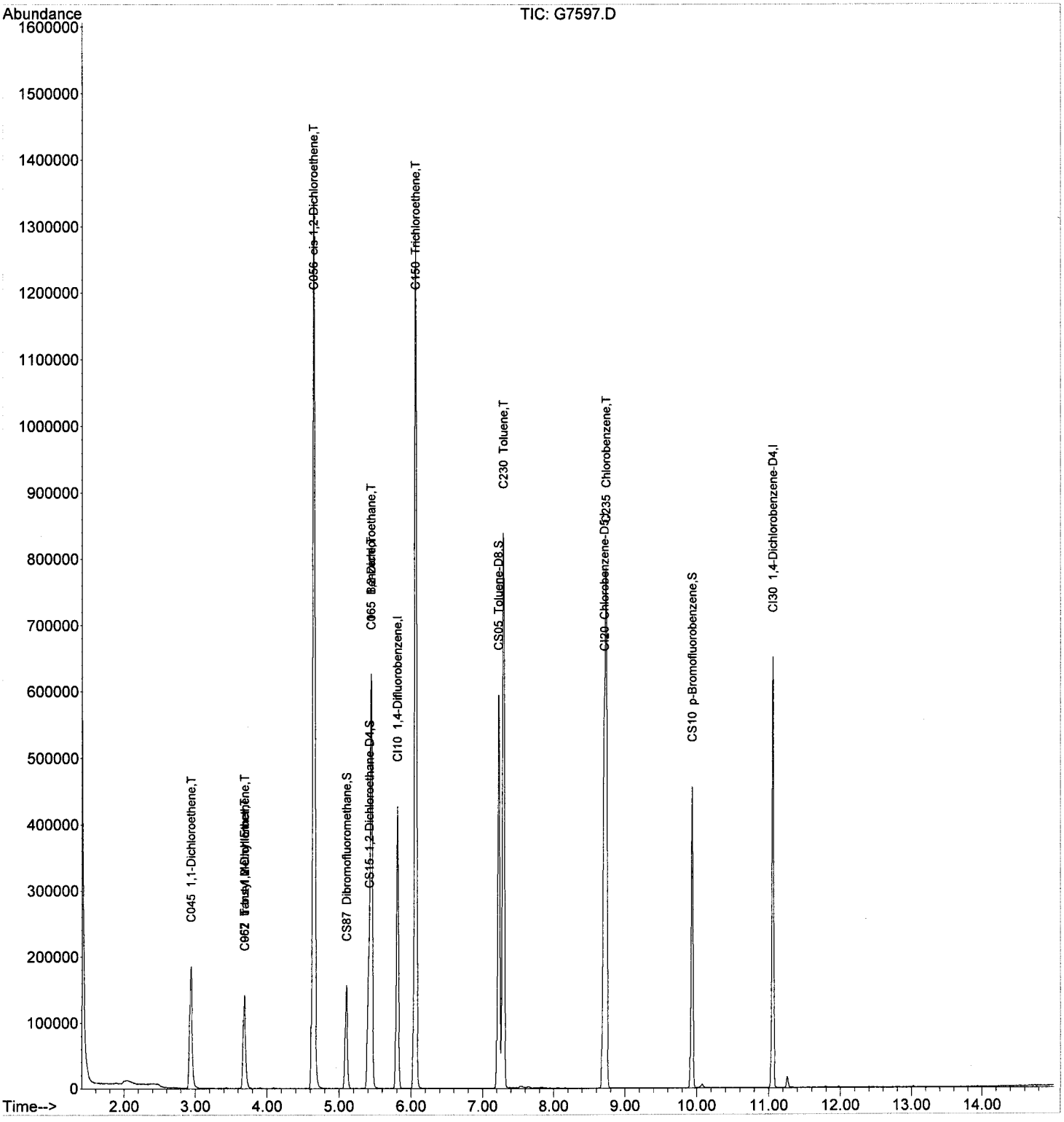
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	5.0	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	2.4	
91-20-3	Naphthalene	1.0	U
100-42-5	Styrene	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	24	
120-82-1	1,2,4-Trichlorobenzene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
79-01-6	Trichloroethene	72	
75-01-4	Vinyl chloride	1.0	U
1330-20-7	Total Xylenes	3.0	U

Data File: C:\MSDCHEM\1\DATA\122705\G7597.D
Acq On : 27 Dec 2005 14:01
Sample : A5E59201SD
Misc :
Integrator: RTE
Quant Time: Dec 27 18:06:59 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 27 08:55:23 2005
Response via : Initial Calibration
Data Path : C:\MSDCHEM\1\DATA\122705\
Operator : TLC



Data File: C:\MSDCHEM\1\DATA\122705\G7597.D
Acq On : 27 Dec 2005 14:01
Sample : A5E59201SD
Misc :
Integrator: RTE
Quant Time: Dec 27 18:06:59 2005

STE 12/28/05

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 27 08:55:23 2005
Response via : Initial Calibration
Data Path : C:\MSDCHEM\1\DATA\122705\
Operator : TLC

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.80	114	370238	125.00	ng	0.00 98.92%
43) CI20	Chlorobenzene-D5	8.70	82	185846	125.00	ng	0.00 96.79%
63) CI30	1,4-Dichlorobenzene-	11.05	152	176742	125.00	ng	0.00 96.44%
System Monitoring Compounds							
26) CS87	Dibromofluoromethane	5.10	111	105351	113.68	NG	0.00
Spiked Amount	125.000	Range	70 - 130	Recovery	=	90.94%	
31) CS15	1,2-Dichloroethane-D	5.41	65	136963	114.91	ng	0.00
Spiked Amount	125.000	Range	73 - 136	Recovery	=	91.93%	
44) CS05	Toluene-D8	7.22	98	437810	116.83	ng	0.00
Spiked Amount	125.000	Range	77 - 122	Recovery	=	93.46%	
62) CS10	p-Bromofluorobenzene	9.94	174	130808	113.60	ng	0.00
Spiked Amount	125.000	Range	74 - 120	Recovery	=	90.88%	
Target Compounds							Qvalue
2) C290	Dichlorodifluorome	0.00	85	0	N.D.		
3) C010	Chloromethane	1.61	50	132	N.D.		
4) C020	Vinyl chloride	1.74	62	1842	N.D.		
5) C015	Bromomethane	2.05	94	162	N.D.		
6) C025	Chloroethane	2.15	64	57	N.D.		
7) C275	Trichlorofluoromet	0.00	101	0	N.D.		
8) C045	1,1-Dichloroethene	2.94	96	92957	85.43	ng	85
9) C030	Methylene chloride	3.43	84	414	N.D.		
10) C040	Carbon disulfide	3.14	76	984	N.D.		
11) C036	Acrolein	2.88	56	60	N.D.		
12) C038	Acrylonitrile	3.68	53	428	N.D.		
13) C035	Acetone	3.02	43	1294	N.D.		
14) C300	Acetonitrile	3.28	41	145	N.D.		
15) C276	Iodomethane	0.00	142	0	N.D.		
16) C291	1,1,2-Trichloro-1,	0.00	101	0	N.D.		
17) C962	T-butyl Methyl Ether	3.69	73	46450	11.85	ng	92
18) C057	trans-1,2-Dichloroet	3.68	96	49686	40.68	ng #	54
19) C255	Methyl Acetate	3.35	43	57	N.D.		
20) C050	1,1-Dichloroethane	4.10	63	1331	N.D.		
21) C125	Vinyl Acetate	4.14	43	121	N.D.		
22) C051	2,2-Dichloropropan	4.64	77	84	N.D.		
23) C056	cis-1,2-Dichloroethe	4.64	96	673947	496.15	ng	98
24) C272	Tetrahydrofuran	4.97	42	72	N.D.		
25) C222	Bromochloromethane	0.00	128	0	N.D.		
27) C060	Chloroform	0.00	83	0	N.D.		
28) C115	1,1,1-Trichloroeth	0.00	97	0	N.D.		
29) C120	Carbon tetrachlori	0.00	117	0	N.D.		
30) C116	1,1-Dichloropropen	0.00	75	0	N.D.		
32) C165	Benzene	5.44	78	594112	116.59	ng	98
33) C065	1,2-Dichloroethane	5.44	62	5748	3.05	ng #	1
34) C110	2-Butanone	4.69	43	1195	N.D.		
35) C256	Cyclohexane	0.00	56	0	N.D.		
36) C150	Trichloroethene	6.05	95	474871	362.63	ng	96

1/6/2006

Data File: C:\MSDCHEM\1\DATA\122705\G7597.D
Acq On : 27 Dec 2005 14:01
Sample : A5E59201SD
Misc :
Integrator: RTE
Quant Time: Dec 27 18:06:59 2005

Quant Method : C:\MSDCHEM\1\METHODS\8260-5MLLOW\A5I0002430.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Dec 27 08:55:23 2005
Response via : Initial Calibration
Data Path : C:\MSDCHEM\1\DATA\122705\
Operator : TLC

Internal Standards		R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
37) C140	1,2-Dichloropropan	0.00	63	0	N.D.	
38) C278	Dibromomethane	0.00	93	0	N.D.	
39) C130	Bromodichlorometha	0.00	83	0	N.D.	
40) C161	2-Chloroethylvinyl	6.85	63	230	N.D.	
41) C012	Methylcyclohexane	0.00	83	0	N.D.	
42) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.	
45) C230	Toluene	7.28	92	397018	120.57 ng	99
46) C170	trans-1,3-Dichloro	0.00	75	0	N.D.	
47) C284	Ethyl Methacrylate	0.00	69	0	N.D.	
48) C160	1,1,2-Trichloroeth	0.00	83	0	N.D.	
49) C210	4-Methyl-2-pentano	7.22	43	2278	N.D.	
50) C220	Tetrachloroethene	7.85	166	326	N.D.	
51) C221	1,3-Dichloropropan	0.00	76	0	N.D.	
52) C155	Dibromochlorometha	0.00	129	0	N.D.	
53) C163	1,2-Dibromoethane	0.00	107	0	N.D.	
54) C215	2-Hexanone	0.00	43	0	N.D.	
55) C235	Chlorobenzene	8.73	112	456058	122.80 ng	99
56) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.	
57) C240	Ethylbenzene	8.95	91	423	N.D.	
58) C246	m,p-Xylene	8.94	106	125	N.D.	
59) C247	o-Xylene	0.00	106	0	N.D.	
60) C245	Styrene	0.00	104	0	N.D.	
61) C180	Bromoform	0.00	173	0	N.D.	
64) C966	Isopropylbenzene	0.00	105	0	N.D.	
65) C301	Bromobenzene	0.00	156	0	N.D.	
66) C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.	
67) C282	1,2,3-Trichloropro	0.00	110	0	N.D.	
68) C283	t-1,4-Dichloro-2-B	0.00	51	0	N.D.	
69) C302	n-Propylbenzene	9.93	91	456	N.D.	
70) C303	2-Chlorotoluene	0.00	126	0	N.D.	
71) C289	4-Chlorotoluene	0.00	126	0	N.D.	
72) C304	1,3,5-Trimethylben	10.26	105	63	N.D.	
73) C306	tert-Butylbenzene	0.00	134	0	N.D.	
74) C307	1,2,4-Trimethylben	10.71	105	196	N.D.	
75) C308	sec-Butylbenzene	10.71	105	196	N.D.	
76) C260	1,3-Dichlorobenzen	0.00	146	0	N.D.	
77) C309	4-Isopropyltoluene	11.00	119	233	N.D.	
78) C267	1,4-Dichlorobenzen	0.00	146	0	N.D.	
79) C249	1,2-Dichlorobenzen	0.00	146	0	N.D.	
80) C310	n-Butylbenzene	0.00	91	0	N.D.	
81) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.	
82) C313	1,2,4-Trichloroben	12.81	180	78	N.D.	
83) C316	Hexachlorobutadien	0.00	225	0	N.D.	
84) C314	Naphthalene	13.03	128	1484	N.D.	
85) C934	1,2,3-Trichloroben	13.23	180	226	N.D.	

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

1/6/06

GCMS VOLATILE INJECTION LOG

DATE	TIME	ANALYST	FILE #	SAMPLE ID	JOB #	INJ. VOL.	EXT. WHT.	D.F.	STANDARD MIX #	I.S. / SS MIX
12/19/05	1140	LH/RB	G7380	VBLK29	—	5mL	—	—		1550 KV/
	1231		G7381	E192-09 DL	E192			4		ISS KV/0
	1253		G7382	10 DL				4		
	1316		G7383	12 DL				20		
	1339		G7384	13 DL				20		
	1401		G7385	E216 01 DL	E216			100		
	1424		G7386	E167 04	E167					
	1447		G7387	E349 01	E349					
	1509		G7388	02	⊥					
	1532		G7389	E350 01	E350			20		
	1555		G7390	02	⊥					
	1618		G7391	E342 01	E342					
	1640		G7392	02						
	1703		G7393	03						
	1725		G7394	04						
	1748		G7395	05						
	1811		G7396	06						
	1833		G7397	07	⊥					
	1856		G7398	E346 01	E346			20		
	1919		G7399	02	⊥					
	1941		G7400	E167 05MS	E167				WS19BT-2, WS19BU-6	
	2004		G7401	05SD	⊥				⊥	
12/20/05	0953	LH/RB	G7402	1220BFBG1	—	5mL	—	—	WS12-4	ISS KV/0
	—		G7403	VSTD 001					WS6BN-3 WS12BV-4 WS15FC-7	
	—		G7404	VSTD 010						
	—		G7405	VSTD 025						
	1127		G7406	VSTD 050						
	1150		G7407	VSTD 100						
	1318		G7408	VSTD 025						

STL BUFFALO

Reviewed By _____ 000032 NO. _____ Page

GCMS VOLATILE INJECTION LOG

AUTO #	I.S. #1 % REC.	I.S. #2 % REC.	I.S. #3 % REC.	S.S. #1 % REC.	S.S. #2 % REC.	S.S. #3 % REC.	S.S. #4 % REC.	REANALYSIS?	pH<2	COMMENTS
	~~101~~ 103	~~98~~ 102	~~99~~ 100	90	~~88~~	89	100		—	
	~~102~~ 104	~~100~~ 103	~~101~~ 103	90	89	89	101		✓	
	~~100~~ 101	~~98~~ 101	~~98~~ 99	90	91	89	99		✓	
	102 ~~101~~	~~99~~ 103	~~99~~ 101	90	89	88	98	Y	✓	Reshoot DF40
	103 ~~101~~	101 ~~98~~	~~99~~ 100	90	89	90	100	Y	✓	Reshoot DF 40
	100 ~~99~~	100 ~~97~~	99 ~~98~~	91	90	90	99		7	
	102 ~~101~~	102 ~~99~~	103 ~~102~~	89	88	88	99		✓	
	102 ~~101~~	102 ~~99~~	100 ~~99~~	90	89	88	98		✓	
	102 ~~100~~	100 ~~96~~	100 ~~99~~	89	88	90	99		✓	
	102 ~~100~~	102 ~~98~~	120 ~~99~~	89	89	90	98		✓	FOAMS
	100 ~~98~~	100 ~~96~~	99 ~~97~~	91	89	90	101		✓	
	100 ~~99~~	100 ~~97~~	99 ~~98~~	89	88	88	99		✓	
	100 ~~99~~	100 ~~97~~	98 ~~96~~	89	89	88	99		✓	
	103 ~~101~~	102 ~~99~~	100 ~~99~~	88	88	88	98		✓	
	101	102	100	88	88	87	97		✓	
	100	101	99	89	88	84	97		✓	
	99	98	96	90	89	90	100		✓	
	100	99	97	90	89	89	98		✓	
	98	97	96	89	90	90	101		7	FOAMS
	100	99	98	88	89	89	100		✓	
	101	100	100	92	89	90	101		✓	
	101	101	101	92	89	89	100		✓	
										PASS
										8260 SMLL + GE (ASI... 2430)

Date _____ 000033 NO. _____ Page 2

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GCMS VOLATILE INJECTION LOG

DATE	TIME	ANALYST	FILE #	SAMPLE ID	JOB #	INJ. VOL.	EXT. WHT.	D.F.	STANDARD MIX #	I.S. / SS MIX #
12/20/05	1340	LH/TRB	G7409	VSTD010		5mL			WS16BN3 WS12BV-4 WS13FC-7	ISS10KX/OH
↓	—	↓	G7410	VSTD001 (NG)	↓	↓	↓	↓	↓	↓
↓	1425	↓	G7411	VSTD001	↓	↓	↓	↓	↓	↓

STL BUFFALO

Reviewed By _____ 000034 NO. _____

GCMS VOLATILE INJECTION LOG

#	AUTO #	I.S. #1 % REC.	I.S. #2 % REC.	I.S. #3 % REC.	S.S. #1 % REC.	S.S. #2 % REC.	S.S. #3 % REC.	S.S. #4 % REC.	REANALYSIS?	pH<2	COMMENTS
											8240 + GE (ASI...2430)

age 1

Date

000035

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GCMS VOLATILE INJECTION LOG

DATE	TIME	ANALYST	FILE #	SAMPLE ID	JOB #	INJ. VOL.	EXT. WHT.	D.F.	STANDARD MIX #	I.S. / SS MIX #
12/24/05	1646	TC	G7576	ASE5041	E504	5mL		1		IS5104/04
	1709		G7577	12						
	1732		G7578	13						
	1754		G7579	ASE48606	E486					
	1817		G7580	07						
	1839		G7581	08						
	1902		G7582	09						
	1925		G7583	ASE49001	E490					
	1947		G7584	02						
	2010		G7585	03				40		
	2032		G7586	04				1		
	2055		G7587	03MS				40	WS3A5-9	
	2117		G7588	03SD				1		
	2140		G7589	ASES2105	ES21			1		
12/27/05	0811	KH/JRB	G7590	1224BFBG1		1µL			WS124	IS5104X/04
	0835		G7591	VSTD025		5mL			WS6BN-6, WS12BW-1, WS13FD-2	
	—		G7592	MSB (NG)						
	0944		G7593	VBLK36						
	1020		G7594	MSB					WS3A5-10	
	0948		G7595	E592 01	ES92			1		
	1339		G7596	01MS				1	WS3A5-10	
	1401		G7597	01SD				1		
	1424		G7598	02				4		
	1446		G7599	03				1		
	1508		G7600	04				1		
	1531		G7601	05				1		
	1553		G7602	06				1		
	1616		G7603	07				1		
	1639		G7604	08				1		

STL BUFFALO

Reviewed By _____

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NO. _____

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GCMS VOLATILE INJECTION LOG

AUTO #	I.S. #1 % REC.	I.S. #2 % REC.	I.S. #3 % REC.	S.S. #1 % REC.	S.S. #2 % REC.	S.S. #3 % REC.	S.S. #4 % REC.	REANALYSIS?	pH<2	COMMENTS
	105	107	104	92	97	94	91	~~Y~~	✓	DF 4
	105	106	100	90	93	92	91		✓	
	109	128	109	88	92	84	80	Y	✓	DF 20
	108	(226)	107	85	90	(51)	(44)	Y	✓	IS/surr out/C.O/DF 10 matrix
	107	110	104	92	93	90	89	~~Y~~	✓	C.O?
	106	108	102	91	92	91	90		✓	
	105	107	101	92	92	93	90		✓	
	105	104	99	90	92	95	92		✓	
	107	111	105	89	92	91	89		✓	
	105	106	101	90	92	94	90	Y	✓	Reshoot DF 5 Forms
	103	104	99	91	94	94	91		✓	
	101	102	97	91	92	95	91		—	
	100	101	97	90	92	93	91		—	
	99	99	95	91	93	93	92		✓	
									—	45 I.S. 2430
									—	
									—	FAILED
	100	98	98	92	93	94	94		✓	
	100	99	98	91	92	95	93		✓	
	99	97	98	93	94	94	93	RLB 10/28/05	✓	
	99	99	98	93	93	93	92	N	✓	
	99	93	96 93	91	92	93	91	N	✓	Don't match
	94	93	93	92	94	94	92	Y	✓	DF 2
	95	95	94	92	93	92	92		✓	
	94	93	92	94	94	95	94		✓	
	93	92	91	92	95	95	92		✓	
	94	94	93	91	93	94	92		✓	
	97	95	94 3	91	92	95	92		✓	
	96	95	93	90	92	94	92		✓	

Date _____

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GCMS VOLATILE INJECTION LOG

DATE	TIME	ANALYST	FILE #	SAMPLE ID	JOB #	INJ. VOL.	EXT. WHT.	D.F.	STANDARD MIX #	I.S. / SS MIX #
12/27/05	1702	LH/TRD	G7605	E592 09	E592	5mL		1		1SS10BX/04H
	1724		G7606	10				1		
	1746		G7607	11				1		
	1909		G7608	12				1		
	1931		G7609	13				1		
	1953		G7610	14				1		
	1916		G7611	E619 01	E619			1		
	1938		G7612	02				1		
	2000		G7613	03				1		
			G7614	E507 01	E507			25		
			G7615	02				1		
			G7616 TLC 12/27/05	E534 01 DL	E534			80		
12/27/05	2020	TLC	G7617	1227BFBG2	QC	1mL			WSIAA-1	1SS10BX/04H
	2041		G7615	VSTD25		5mL			WS16BN-6, WS12BN-1, WS13PE-1	
	2106		G7616	ADD25					WS5AL-4, WS5AM-4	
	2129		G7617	MSB					WS3A5-10	
	2151		G7618	VBLK 37						
			G7619	ASE46501	E465			4		
			G7620	ASE56302 DL	E563			40		
			G7621	ASE53401 DL	E534			80		
			G7622	ASE50407	E504			20		
			G7623	08				20		
			G7624	09				5		
			G7625	10				1		
			G7626	11				4		
			G7627	13				20		
			G7628	ASE48606	E486			10		
			G7629	07				1		
			G7630	ASE50501 DL	E505			2		

STL BUFFALO

Reviewed By _____

000048

NO. _____

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GCMS VOLATILE INJECTION LOG

AUTO #	I.S. #1 % REC.	I.S. #2 % REC.	I.S. #3 % REC.	S.S. #1 % REC.	S.S. #2 % REC.	S.S. #3 % REC.	S.S. #4 % REC.	REANALYSIS?	pH<2	COMMENTS
	95	93	92	91	92	93	92		✓	
	94	93	92	90	93	93	91		✓	
	94	92	92	90	93	94	92		✓	
	93	91	92	92	93	94	93		✓	
	92	91	91	92	94	93	92		✓	
	91	89	90	91	94	95	93		✓	
	93	91	90	92	94	92	92		✓	
	91	89	91	90	91	94	93		✓	
	92	91	90	92	94	95	94		✓	
										NOT RUN (12 hr.) TIC 12/27/05
										PASS
										ASI... 2430 (8260 5mL) / ASI. 2430GE
										ASI... 1959 (ADD 5mL)
	99	98	96	90	92	95	94		—	
	100	99	97	90	92	93	92		—	
									✓	
									✓	
									✓	
								Y	✓	DF100
								Y	✓	DF 200
								Y	✓	DF 10
									7	
									✓	
									✓	
									✓	
									✓	

Date _____

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GCMS VOLATILE INJECTION LOG

DATE	TIME	ANALYST	FILE #	SAMPLE ID	JOB #	INJ. VOL.	EXT. WHT.	D.F.	STANDARD MIX #	I.S. / SS MIX
12/28/05	0255	TLC	G7631	ASE490B	E490	5mL	5	5		ISS10KX/OH
	0317		G7632	ASE5407 DL	E554		TLC 12/27/05	20		
	0340		G7633	09 DL						
	0403		G7634	ASE5070I	E507			25		
	0426		G7635	02						
	0448		G7636	ASE592 01MS	E592				WS3AS-10	
	0511		G7637	01SD						
	0534		G7638	02				2		
	0557		G7639	ASE58701	E587					
	0620		G7640	08						
	0643		G7641	09						
12/28/05	0809	LH/TRB	G7642	1228BFBG1		1ul		1	WS1AA-1	ISS10KX/OH
	0850		G7643	VSTD025		5mL		1	WS6BN-10, WS12B10-2, WS12FE-1	
	0944		G7644	ADD25				1	WS5AL-4, WS5AM-4	
	1006		G7645	MSB				1	WS3AS-10	
	1029		G7646	VBLK 38				1		
	1102		G7647	E504 07 DL	E504			100		
	1124		G7648	08				200		
	1147		G7649	09 DL				10		
	1210		G7650	E592 02	E592			1		
	1232		G7651	E591 01	E591			1		
	1255		G7652	02				1		
	1318		G7653	03				1		
	1340		G7654	04				1		
	1403		G7655	E596 01	E596			1		
	1426		G7656	02				1		
	1449		G7657	03				1		
	1511		G7658	04				1		
	1533		G7659	E628 01	E628			1		

STL BUFFALO

Reviewed By _____ 000050 NO. _____ Page

2024704

GCMS VOLATILE INJECTION LOG

AUTO#	I.S. #1 % REC.	I.S. #2 % REC.	I.S. #3 % REC.	S.S. #1 % REC.	S.S. #2 % REC.	S.S. #3 % REC.	S.S. #4 % REC.	REANALYSIS?	pH<2	COMMENTS
	96	95	95	91	95	95	93		✓	FOAMS
	97	96	97	90	92	94	91		✓	
	96	94	93	93	94	98	96		✓	
	97	105	99	91	93	88	88		✓	
	98	99	99	91	93	92	93		✓	
	98	97	96	92	92	94	93		✓	
	98	96	96	92	93	94	93		✓	
	99	97	96	90	92	94	93	Y	✓	DF1
	98	95	93	92	93	95	94		✓	
	100	97	96	89	91	95	94		✓	
	97	96	95	90	92	94	93		✓	TIC 12/28/05
										~~ASI... 2430 (8260 5mL)~~ PASS
										ASI... 2430 (8260 5mL)
										ASI... 1959 (ADD 5mL)
	100	101	98	90	91	94	93		—	
	99	97	98	88	91	94	93		—	
	100	99	98	90	90	94	93		✓	
	99	98	98	89	93	94	94		✓	
	99	97	98	89	93	96	94		✓	
	97	96	96	91	92	95	95		✓	Has Headspace
	98	98	97	90	91	93	93		✓	
	99	96	95	92	93	94	92		✓	
	99	96	94	90	91	93	92		✓	
	96	96	96	89	93	94	92		✓	
	95	94	95	90	93	95	93		✓	
	96	95	94	89	92	96	93		✓	
	95	94	94	90	93	91	92		✓	
	97	96	96	89	92	94	92		✓	
	96	94	94	89	91	95	92		✓	

Date: _____ 000051 NO. _____ Page 2

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ANALYTICAL REPORT

Job#: A05-D441

STL Project#: NY4A9171
Site Name: Environmental Strategies Corporation
Task: Sherburne

Mr. David Bouchard
Environmental Strategies Corp.
5 Sullivan Street
Cazenovia, NY 13035

STL Buffalo

Candace L. Fox
Project Manager

12/05/2005

Case Narrative

SAMPLE SUMMARY

LAB SAMPLE ID	CLIENT SAMPLE ID	MATRIX	SAMPLED DATE	SAMPLED TIME	RECEIVED DATE	RECEIVED TIME
A5D44104	MW31050	SOIL	11/18/2005	09:45	11/25/2005	08:45
A5D44106	MW32050	SOIL	11/18/2005	12:05	11/25/2005	08:45
A5D44103	MW33060	SOIL	11/17/2005	15:10	11/25/2005	08:45
A5D44107	MW34070	SOIL	11/18/2005	14:45	11/25/2005	08:45
A5D44108	MW35050	SOIL	11/21/2005	09:45	11/25/2005	08:45
A5D44109	MW36080	SOIL	11/21/2005	13:50	11/25/2005	08:45
A5D44110	MW36170	SOIL	11/21/2005	14:20	11/25/2005	08:45
A5D44102	MW37070	SOIL	11/17/2005	12:55	11/25/2005	08:45
A5D44101	MW38070	SOIL	11/17/2005	11:10	11/25/2005	08:45
A5D44111	MW39090	SOIL	11/22/2005	10:02	11/25/2005	08:45
A5D44105	MW92050	SOIL	11/18/2005	11:05	11/25/2005	08:45

METHODS SUMMARY

Job#: A05-D441

STL Project#: NY4A9171
Site Name: Environmental Strategies Corporation

PARAMETER	ANALYTICAL METHOD
Total Organic Carbon	OTHER KAHN

OTHER Non-Standard Protocol and Method Defined by State, Client QAPP or Developed by Laboratory

NON-CONFORMANCE SUMMARY

Job#: A05-D441

STL Project#: NY4A9171
Site Name: Environmental Strategies Corporation

General Comments

The enclosed data may or may not 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-D441
Sample Cooler(s) were received at the following temperature(s); 2.0 °C
All samples were received in good condition.

Wet Chemistry Data

Total Organic Carbon was subcontracted to STL Chicago. The complete subcontract report is included in this report as Appendix A. Comments pertaining to Total Organic Carbon may be found within the comment summary of the subcontract report.

****

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.

Chain of Custody

CHAIN OF CUSTODY RECORD

No. 034615

Project Number:	Site and Location:
149892.03	Former BAC - Jamestown, NY

Sampler's Name(s): JOHN F. BOUCHARD, Erik Reinert

Sampler's Signature(s):

Matrices: S = Soil; Aq = Water; A = Air; Bu = Bulk; W = Wipe; Bi = Biota; OW = Oily Waste; O = Other

Requested Analyses: TOC - EPA 9060

Sample Identification	Date	Time	Matrix	Number of Containers	TOC - EPA 9060	Remarks
MW38070	11/17/05	1110	SOIL	1	X	
MW37070	11/17/05	1255	SOIL	1	X	
MW33060	11/17/05	1510	SOIL	1	X	
MW31050	11/18/05	0945	SOIL	1	X	
MW92050	11/18/05	1105	SOIL	1	X	
MW32050	11/18/05	1205	SOIL	1	X	
MW34070	11/18/05	1445	SOIL	1	X	
MW35050	11/21/05	0945	SOIL	1	X	
MW36080	11/21/05	1350	SOIL	1	X	
MW36170	11/21/05	1420	SOIL	1	X	
MW39090	11/22/05	1002	Soil	1	X	

Relinquished by (Signature):	11/22 2158 Date | Time	Received by (Signature): Ubell STL BUFFALO 11/23/05 0845	Laboratory Name: STL-BUFFALO
Relinquished by (Signature):	Date | Time	Received by (Signature):	Laboratory Location: BUFFALO, NY
			Custody Seal Numbers: 149025.1105.05 and .06
Turn-Around Time: Standard		Tracking Number: 852505234167	Method of Shipment: Fedex

ENVIRONMENTAL STRATEGIES CONSULTING LLC
A QUANTA TECHNICAL SERVICES COMPANY

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☐ Pittsburgh Office: 300 Corporate Center Dr, # 200, Moon Twp, PA 15108
Tel: (412) 604-1040, Fax: (412) 604-1055

☐ Denver Office: 4600 South Ulster, # 930, Denver, CO 80237
Tel: (303) 850-9200, Fax: (303) 850-9214

☐ Minneapolis Office: 123 North 3rd St, #706, Minneapolis, MN 55401
Tel: (612) 343-0510, Fax: (612) 343-0506

☒ Cazenovia Office: 5 Sullivan St. Cazenovia, NY 13035 315-655-3900 (V); 315-655-3907 (F)

2.0°C

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Appendix A

SEVERN TRENT STL®

STL Chicago
2417 Bond Street
University Park, IL 60466

Tel: 708 534 5200 Fax: 708 534 5211
www.stl-inc.com

SEVERN TRENT LABORATORIES
ANALYTICAL REPORT

JOB NUMBER: 242347

Prepared For:

Severn Trent Laboratories
10 Hazelwood Drive
Suite 106
Amherst, NY 14228

Project: Amherst

Attention: Candace Fox

Date: 12/01/2005

Bonnie Stadelmann
Signature

12/01/05
Date

Name: Bonnie M. Stadelmann

Title: Project Manager

E-Mail: bstadelmann@stl-inc.com

STL Chicago
2417 Bond Street
University Park, IL 60466

PHONE: (708) 534-5200
FAX..: (708) 534-5211

This Report Contains (18) Pages

STL Chicago is part of Severn Trent Laboratories, Inc.

SAMPLE INFORMATION
Date: 12/01/2005

Job Number.: 242347
Customer...: Severn Trent Laboratories
Attn.....: Candace Fox

Project Number.....: 20000259
Customer Project ID....: AMHERST NY4A9171
Project Description....: Amherst

Laboratory Sample ID	Customer Sample ID	Sample Matrix	Date Sampled	Time Sampled	Date Received	Time Received
242347-1	MW38070	Soil	11/17/2005	11:10	11/29/2005	10:00
242347-2	MW37070	Soil	11/17/2005	12:55	11/29/2005	10:00
242347-3	MW33060	Soil	11/17/2005	15:10	11/29/2005	10:00
242347-4	MW31050	Soil	11/18/2005	09:45	11/29/2005	10:00
242347-5	MW92050	Soil	11/18/2005	11:05	11/29/2005	10:00
242347-6	MW32050	Soil	11/18/2005	12:05	11/29/2005	10:00
242347-7	MW34070	Soil	11/18/2005	14:45	11/29/2005	10:00
242347-8	MW35050	Soil	11/21/2005	09:45	11/29/2005	10:00
242347-9	MW36080	Soil	11/21/2005	13:50	11/29/2005	10:00
242347-10	MW36170	Soil	11/21/2005	14:20	11/29/2005	10:00
242347-11	MW39090	Soil	11/22/2005	10:02	11/29/2005	10:00

STL Chicago is part of Severn Trent Laboratories, Inc.

LABORATORY TEST RESULTS

Job Number: 242347

Date:12/01/2005

CUSTOMER: Severn Trent Laboratories PROJECT: AMHERST NY4A9171 ATTN: Candace Fox

Customer Sample ID: MW38070
Date Sampled.....: 11/17/2005
Time Sampled.....: 11:10
Sample Matrix.....: Soil

Laboratory Sample ID: 242347-1
Date Received.....: 11/29/2005
Time Received.....: 10:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
Lloyd Kahn	Total Organic Carbon (Soils) TOC Average Duplicates, Solid	6100			200	860	1	mg/Kg	167109		11/30/05 0943	cls

* In Description = Dry Wgt.

11/27

STL Chicago is part of Severn Trent Laboratories, Inc.

LABORATORY TEST RESULTS

Job Number: 242347

Date:12/01/2005

CUSTOMER: Severn Trent Laboratories PROJECT: AMHERST NY4A9171 ATTN: Candace Fox

Customer Sample ID: MW37070
Date Sampled.....: 11/17/2005
Time Sampled.....: 12:55
Sample Matrix.....: Soil

Laboratory Sample ID: 242347-2
Date Received.....: 11/29/2005
Time Received.....: 10:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
Lloyd Kahn	Total Organic Carbon (Soils) TOC Average Duplicates, Solid	1300			190	820	1	mg/Kg	167109		11/30/05 1004	cls

* In Description = Dry Wgt.

STL Chicago is part of Severn Trent Laboratories, Inc.

LABORATORY TEST RESULTS

Job Number: 242347

Date: 12/01/2005

CUSTOMER: Severn Trent Laboratories PROJECT: AMHERST NY4A9171 ATTN: Candace Fox

Customer Sample ID: MW33060
Date Sampled.....: 11/17/2005
Time Sampled.....: 15:10
Sample Matrix.....: Soil

Laboratory Sample ID: 242347-3
Date Received.....: 11/29/2005
Time Received.....: 10:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
Lloyd Kahn	Total Organic Carbon (Soils) TOC Average Duplicates, Solid	1400			87	370	1	mg/Kg	167109		11/30/05 1016	cls

* In Description = Dry Wgt.

STL Chicago is part of Severn Trent Laboratories, Inc.

LABORATORY TEST RESULTS

Job Number: 242347

Date:12/01/2005

CUSTOMER: Severn Trent Laboratories PROJECT: AMHERST NY4A9171 ATTN: Candace Fox

Customer Sample ID: MW31050
Date Sampled.....: 11/18/2005
Time Sampled.....: 09:45
Sample Matrix.....: Soil

Laboratory Sample ID: 242347-4
Date Received.....: 11/29/2005
Time Received.....: 10:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
Lloyd Kahn	Total Organic Carbon (Soils) TOC Average Duplicates, Solid	1100			88	380	1	mg/Kg	167109		11/30/05 1111	cls

* In Description = Dry Wgt.

STL Chicago is part of Severn Trent Laboratories, Inc.

LABORATORY TEST RESULTS

Job Number: 242347

Date: 12/01/2005

CUSTOMER: Severn Trent Laboratories | PROJECT: AMHERST NY4A9171 | ATTN: Candace Fox

Customer Sample ID: MW92050
Date Sampled.....: 11/18/2005
Time Sampled.....: 11:05
Sample Matrix.....: Soil

Laboratory Sample ID: 242347-5
Date Received.....: 11/29/2005
Time Received.....: 10:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
Lloyd Kahn	Total Organic Carbon (Soils) TOC Average Duplicates, Solid	980			80	340	1	mg/Kg	167109		11/30/05 1131	cls

* In Description = Dry Wgt.

STL Chicago is part of Severn Trent Laboratories, Inc.

LABORATORY TEST RESULTS

Job Number: 242347

Date:12/01/2005

CUSTOMER: Severn Trent Laboratories PROJECT: AMHERST NY4A9171 ATTN: Candace Fox

Customer Sample ID: MW32050
Date Sampled.....: 11/18/2005
Time Sampled.....: 12:05
Sample Matrix.....: Soil

Laboratory Sample ID: 242347-6
Date Received.....: 11/29/2005
Time Received.....: 10:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
Lloyd Kahn	Total Organic Carbon (Soils) TOC Average Duplicates, Solid	1500			79	340	1	mg/Kg	167109		11/30/05 1202	cls

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 242347

Date:12/01/2005

CUSTOMER: Severn Trent Laboratories PROJECT: AMHERST NY4A9171 ATTN: Candace Fox

Customer Sample ID: MW34070
Date Sampled.....: 11/18/2005
Time Sampled.....: 14:45
Sample Matrix.....: Soil

Laboratory Sample ID: 242347-7
Date Received.....: 11/29/2005
Time Received.....: 10:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
Lloyd Kahn	Total Organic Carbon (Soils) TOC Average Duplicates, Solid	1700			94	410	1	mg/Kg	167109		11/30/05 1222	cls

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 242347

Date:12/01/2005

CUSTOMER: Severn Trent Laboratories PROJECT: AMHERST NY4A9171 ATTN: Candace Fox

Customer Sample ID: MW35050
Date Sampled.....: 11/21/2005
Time Sampled.....: 09:45
Sample Matrix.....: Soil

Laboratory Sample ID: 242347-8
Date Received.....: 11/29/2005
Time Received.....: 10:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
Lloyd Kahn	Total Organic Carbon (Soils) TOC Average Duplicates, Solid	1700			83	360	1	mg/Kg	167109		11/30/05 1337	cls

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 242347

Date:12/01/2005

CUSTOMER: Severn Trent Laboratories PROJECT: AMHERST NY4A9171 ATTN: Candace Fox

Customer Sample ID: MW36080
Date Sampled.....: 11/21/2005
Time Sampled.....: 13:50
Sample Matrix.....: Soil

Laboratory Sample ID: 242347-9
Date Received.....: 11/29/2005
Time Received.....: 10:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
Lloyd Kahn	Total Organic Carbon (Soils) TOC Average Duplicates, Solid	19000			330	1400	1	mg/Kg	167109		11/30/05 1402	cls

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 242347

Date:12/01/2005

CUSTOMER: Severn Trent Laboratories PROJECT: AMHERST NY4A9171 ATTN: Candace Fox

Customer Sample ID: MW36170
Date Sampled.....: 11/21/2005
Time Sampled.....: 14:20
Sample Matrix.....: Soil

Laboratory Sample ID: 242347-10
Date Received.....: 11/29/2005
Time Received.....: 10:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
Lloyd Kahn	Total Organic Carbon (Soils) TOC Average Duplicates, Solid	32000			1100	4500	1	mg/Kg	167109		11/30/05 1423	cls

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 242347

Date: 12/01/2005

CUSTOMER: Severn Trent Laboratories PROJECT: AMHERST NY4A9171 ATTN: Candace Fox

Customer Sample ID: MW39090
Date Sampled.....: 11/22/2005
Time Sampled.....: 10:02
Sample Matrix.....: Soil

Laboratory Sample ID: 242347-11
Date Received.....: 11/29/2005
Time Received.....: 10:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
Lloyd Kahn	Total Organic Carbon (Soils) TOC Average Duplicates, Solid	2600			300	1300	1	mg/Kg	167109		11/30/05 1448	cls

* In Description = Dry Wgt.

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LABORATORY CHRONICLE

Job Number: 242347 Date: 12/01/2005

CUSTOMER: Severn Trent Laboratories PROJECT: AMHERST NY4A9171 ATTN: Candace Fox

Lab ID: 242347-1 Client ID: MW38070 Date Recvd: 11/29/2005 Sample Date: 11/17/2005

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED	DILUTION
PKG INO (WC)	PKG INO (WET CHEMISTRY)	1					
Lloyd Kahn	Total Organic Carbon (Soils)	1	167109	167109		11/30/2005 0943	

Lab ID: 242347-2 Client ID: MW37070 Date Recvd: 11/29/2005 Sample Date: 11/17/2005

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED	DILUTION
Lloyd Kahn	Total Organic Carbon (Soils)	1	167109	167109		11/30/2005 1004	

Lab ID: 242347-3 Client ID: MW33060 Date Recvd: 11/29/2005 Sample Date: 11/17/2005

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED	DILUTION
Lloyd Kahn	Total Organic Carbon (Soils)	1	167109	167109		11/30/2005 1016	

Lab ID: 242347-4 Client ID: MW31050 Date Recvd: 11/29/2005 Sample Date: 11/18/2005

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED	DILUTION
Lloyd Kahn	Total Organic Carbon (Soils)	1	167109	167109		11/30/2005 1111	

Lab ID: 242347-5 Client ID: MW92050 Date Recvd: 11/29/2005 Sample Date: 11/18/2005

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED	DILUTION
Lloyd Kahn	Total Organic Carbon (Soils)	1	167109	167109		11/30/2005 1131	

Lab ID: 242347-6 Client ID: MW32050 Date Recvd: 11/29/2005 Sample Date: 11/18/2005

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED	DILUTION
Lloyd Kahn	Total Organic Carbon (Soils)	1	167109	167109		11/30/2005 1202	

Lab ID: 242347-7 Client ID: MW34070 Date Recvd: 11/29/2005 Sample Date: 11/18/2005

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED	DILUTION
Lloyd Kahn	Total Organic Carbon (Soils)	1	167109	167109		11/30/2005 1222	

Lab ID: 242347-8 Client ID: MW35050 Date Recvd: 11/29/2005 Sample Date: 11/21/2005

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED	DILUTION
Lloyd Kahn	Total Organic Carbon (Soils)	1	167109	167109		11/30/2005 1337	

Lab ID: 242347-9 Client ID: MW36080 Date Recvd: 11/29/2005 Sample Date: 11/21/2005

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED	DILUTION
Lloyd Kahn	Total Organic Carbon (Soils)	1	167109	167109		11/30/2005 1402	

Lab ID: 242347-10 Client ID: MW36170 Date Recvd: 11/29/2005 Sample Date: 11/21/2005

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED	DILUTION
Lloyd Kahn	Total Organic Carbon (Soils)	1	167109	167109		11/30/2005 1423	

Lab ID: 242347-11 Client ID: MW39090 Date Recvd: 11/29/2005 Sample Date: 11/22/2005

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED	DILUTION
Lloyd Kahn	Total Organic Carbon (Soils)	1	167109	167109		11/30/2005 1448	

QUALITY CONTROL RESULTS

Job Number.: 242347 Report Date.: 12/01/2005

CUSTOMER: Severn Trent Laboratories PROJECT: AMHERST NY4A9171 ATTN: Candace Fox

Test Method.....: Lloyd Kahn Batch.....: 167109 Analyst...: cls
Method Description.: Total Organic Carbon (Soils) Equipment Code....: TOC4 Test Code.: TOC
Parameter.....: Organic Carbon, Tot. (TOC)

QC	Lab ID	Reagent	Units	QC Result		QC Result	True Value	Orig. Value	QC Calc.	F	*	Limits	Date	Time
ICV	167109-002	I05KSTTC2	mg/Kg	1815.06			2000.00		91		%	85-115	11/30/2005	0852
MB	167109-003		mg/Kg	29.00	U								11/30/2005	0901
CCV	167109-014	I05KSTTC2	mg/Kg	1830.30			2000.00		92		%	85-115	11/30/2005	1238
CCB	167109-015		mg/Kg	29.00	U								11/30/2005	1241
CCV	167109-014	I05KSTTC2	mg/Kg	1818.78			2000.00						11/30/2005	1534
CCB	167109-015		mg/Kg	29.00	U								11/30/2005	1540

Test Method.....: Lloyd Kahn Batch.....: 167109 Analyst...: cls
Method Description.: Total Organic Carbon (Soils) Equipment Code....: TOC4 Test Code.: TOCAV2
Parameter.....: TOC Average Duplicates

QC	Lab ID	Reagent	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	F	*	Limits	Date	Time
LCS	167109-004	I00FSTLK3	mg/Kg	3645.63		4780.00		76		%	53-140	11/30/2005	0913
MS	242347-3	I05KSTTC2	mg/Kg	2925.79		2000.00	1382.32	82		%	53-140	11/30/2005	1030
MSD	242347-3	I05KSTTC2	mg/Kg	2958.71	2925.79	2000.00	1382.32	82		%	53-140	11/30/2005	1044
								0.0		R	30		

 * %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY ASSURANCE METHODS

REFERENCES AND NOTES

Report Date: 12/01/2005

REPORT COMMENTS

1) All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.
2) Soil, sediment and sludge sample results are reported on a "dry weight" basis except when analyzed for landfill disposal or incineration parameters. All other solid matrix samples are reported on an "as received" basis unless noted differently.
3) Reporting limits are adjusted for sample size used, dilutions and moisture content if applicable.
4) The test results for the noted analytical method(s) meet the requirements of NELAC. Lab Cert. ID# 100201
5) According to 40CFR Part 136.3, pH, Chlorine Residual and Dissolved Oxygen 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 on laboratory receipt.

Glossary of flags, qualifiers and abbreviations (any number of which may appear in the report)

Inorganic Qualifiers (Q-Column)

U	Analyte was not detected at or above the stated limit.
<	Not detected at or above the reporting limit.
J	Result is less than the RL, but greater than or equal to the method detection limit.
B	Result is less than the CRDL/RL, but greater than or equal to the IDL/MDL.
S	Result was determined by the Method of Standard Additions.
F	AFCEE: Result is less than the RL, but greater than or equal to the method detection limit.

Inorganic Flags (Flag Column)

^	ICV,CCV,ICB,CCB,ISA,ISB,CRI,CRA,MRL: Instrument related QC exceed the upper or lower control limits.
*	LCS, LCD, MD: Batch QC exceeds the upper or lower control limits.
+	MSA correlation coefficient is less than 0.995.
4	MS, MSD: The analyte present in the original sample is 4 times greater than the matrix spike concentration; therefore, control limits are not applicable.
E	SD: Serial dilution exceeds the control limits.
H	MB, EB1, EB2, EB3: Batch QC is greater than reporting limit or had a negative instrument reading lower than the absolute value of the reporting limit.
N	MS, MSD: Spike recovery exceeds the upper or lower control limits.
W	AS(GFAA) Post-digestion spike was outside 85-115% control limits.

Organic Qualifiers (Q - Column)

U	Analyte was not detected at or above the stated limit.
ND	Compound not detected.
J	Result is an estimated value below the reporting limit or a tentatively identified compound (TIC).
Q	Result was qualitatively confirmed, but not quantified.
C	Pesticide identification was confirmed by GC/MS.
Y	The chromatographic response resembles a typical fuel pattern.
Z	The chromatographic response does not resemble a typical fuel pattern.
E	Result exceeded calibration range, secondary dilution required.
F	AFCEE:Result is an estimated value below the reporting limit or a tentatively identified compound (TIC)

Organic Flags (Flags Column)

B	MB: Batch QC is greater than reporting limit.
*	LCS, LCD, ELC, ELD, CV, MS, MSD, Surrogate: Batch QC exceeds the upper or lower control limits.
^	EB1, EB2, EB3, MLE: Batch QC is greater than reporting Limit
A	Concentration exceeds the instrument calibration range
a	Concentration is below the method Reporting Limit (RL)
B	Compound was found in the blank and sample.
D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution will be flagged with a D.
H	Alternate peak selection upon analytical review
I	Indicates the presence of an interfence, recovery is not calculated.
M	Manually integrated compound.
P	The lower of the two values is reported when the % difference between the results of two GC columns is

QUALITY ASSURANCE METHODS

REFERENCES AND NOTES

Report Date: 12/01/2005

greater than 25%.

Abbreviations

AS	Post Digestion Spike (GFAA Samples - See Note 1 below)
Batch	Designation given to identify a specific extraction, digestion, preparation set, or analysis set
CAP	Capillary Column CCB Continuing Calibration Blank
CCV	Continuing Calibration Verification
CF	Confirmation analysis of original
C1	Confirmation analysis of A1 or D1
C2	Confirmation analysis of A2 or D2
C3	Confirmation analysis of A3 or D3
CRA	Low Level Standard Check - GFAA; Mercury
CRI	Low Level Standard Check - ICP
CV	Calibration Verification Standard
Dil Fac	Dilution Factor - Secondary dilution analysis
D1	Dilution 1
D2	Dilution 2
D3	Dilution 3
DLFac	Detection Limit Factor
DSH	Distilled Standard - High Level
DSL	Distilled Standard - Low Level
DSM	Distilled Standard - Medium Level
EB1	Extraction Blank 1
EB2	Extraction Blank 2
EB3	DI Blank
ELC	Method Extracted LCS
ELD	Method Extracted LCD
ICAL	Initial calibration
ICB	Initial Calibration Blank
ICV	Initial Calibration Verification
IDL	Instrument Detection Limit
ISA	Interference Check Sample A - ICAP
ISB	Interference Check Sample B - ICAP
Job No.	The first six digits of the sample ID which refers to a specific client, project and sample group Lab ID An 8 number unique laboratory identification
LCD	Laboratory Control Standard Duplicate
LCS	Laboratory Control Standard with reagent grade water or a matrix free from the analyte of interest
MB	Method Blank or (PB) Preparation Blank
MD	Method Duplicate
MDL	Method Detection Limit
MLE	Medium Level Extraction Blank
MRL	Method Reporting Limit Standard
MSA	Method of Standard Additions
MS	Matrix Spike
MSD	Matrix Spike Duplicate
ND	Not Detected
PREPF	Preparation factor used by the Laboratory's Information Management System (LIMS)
PDS	Post Digestion Spike (ICAP)
RA	Re-analysis of original
A1	Re-analysis of D1
A2	Re-analysis of D2
A3	Re-analysis of D3
RD	Re-extraction of dilution
RE	Re-extraction of original
RC	Re-extraction Confirmation
RL	Reporting Limit
RPD	Relative Percent Difference of duplicate (unrounded) analyses
RRF	Relative Response Factor
RT	Retention Time

QUALITY ASSURANCE METHODS

REFERENCES AND NOTES

Report Date: 12/01/2005

RTW	Retention Time Window Sample ID A 9 digit number unique for each sample, the first six digits are referred as the job number
SCB	Seeded Control Blank
SD	Serial Dilution (Calculated when sample concentration exceeds 50 times the MDL)
UCB	Unseeded Control Blank
SSV	Second Source Verification Standard
SLCS	Solid Laboratory Control Standard(LCS)
PHC	pH Calibration Check LCSP pH Laboratory Control Sample
LCDP	pH Laboratory Control Sample Duplicate
MDPH	pH Sample Duplicate
MDFP	Flashpoint Sample Duplicate
LCFP	Flashpoint LCS
G1	Gelex Check Standard Range 0-1
G2	Gelex Check Standard Range 1-10
G3	Gelex Check Standard Range 10-100
G4	Gelex Check Standard Range 100-1000

Note 1: The Post Spike Designation on Batch QC for GFAA is designated with an "S" added to the current abbreviation used. EX. LCS S=LCS Post Spike (GFAA); MSS=MS Post Spike (GFAA)
Note 2: The MD calculates an absolute difference (A) when the sample concentration is less than 5 times the reporting limit. The control limit is represented as +/- the RL.

Date: 11/28/2005
Time: 12:00:36

STL Buffalo
Internal Chain of Custody

Page:
Rept: AN009

242347

Client: Environmental Strategies Corporation
Project: NY4A9171
Quote: NY03-491
SM #: 0870

PM: Candace L. Fox

Turn Around Required: 15B
Purchase Order#: TBD

	Client Sample ID	Lab ID	Matrix	Parameters	# and Type of Samp Containers	Sample Date/Time
1	MW38070	A5D44101	SOIL	TOC	1-4ozP	11/17/2005 11:10
2	MW37070	A5D44102	SOIL	TOC	1-4ozP	11/17/2005 12:55
3	MW33060	A5D44103	SOIL	TOC	1-4ozP	11/17/2005 15:10
4	MW31050	A5D44104	SOIL	TOC	1-4ozP	11/18/2005 09:45
5	MW92050	A5D44105	SOIL	TOC	1-4ozP	11/18/2005 11:05
6	MW32050	A5D44106	SOIL	TOC	1-4ozP	11/18/2005 12:05
7	MW34070	A5D44107	SOIL	TOC	1-4ozP	11/18/2005 14:45
8	MW35050	A5D44108	SOIL	TOC	1-4ozP	11/21/2005 09:45
9	MW36080	A5D44109	SOIL	TOC	1-4ozP	11/21/2005 13:50
10	MW36170	A5D44110	SOIL	TOC	1-4ozP	11/21/2005 14:20
11	MW39090	A5D44111	SOIL	TOC	1-4ozP	11/22/2005 10:02

Relinquished by STL Buffalo: Signature(s)	Date	Time	Received By STL - Chicago: Signature(s)	Date	Time
(1)	11/28/05	1506	(3)	11/29/2005	1000
(2)	/ /20		(4)	/ /20	

27/27

Appendix F – Data Validation Report

Data Usability Summary Report for Groundwater Samples Collected at the Former General Instrument Corporation Site Sherburne, New York December 20 through 22, 2005

Introduction

This Data Usability Summary Report includes 33 groundwater samples (including two blind duplicate samples), two equipment blanks, and two trip blanks. All samples were collected between December 20 through 22, 2005, at the former General Instrument Corporation site in Hicksville, New York. STL-Buffalo of Amherst, New York, analyzed the samples for VOCs, including naphthalene and MTBE, by EPA SW-846 Method 8260. The data were reviewed in accordance with method and chain-of-custody criteria following the National Functional Guidelines of Organic Data Review dated October 1999. The validated analytical results are presented in Table 2 of the Semiannual Groundwater Monitoring Report.

Volatile Organic Compounds

Twenty-five groundwater samples, an equipment blank, and a trip blank were analyzed for VOCs, including dichlorobenzenes, by EPA SW-846 Method 8260. The data were reviewed for surrogate recovery, matrix spike/matrix spike duplicate (MS/MSD) recovery, blank contamination, instrument performance, calibration, and calculation criteria. The data satisfied the criteria for surrogate recovery, MS/MSD recovery, instrument performance, and calculation.

Several analytes were detected in sample EB-122205. In cases where concentrations for these analytes were below the quantitation limits in associated samples, the concentrations were adjusted to the quantitation limit and qualified "U" as non-detectable. In cases where these analytes were detected at concentrations between the quantitation limit and five times (10 times for acetone and toluene) the concentration in the associated blank, the sample concentrations were also qualified "U" as non-detectable.

Several positive and non-detectable methylcyclohexane and naphthalene chloride results were qualified "J", as estimated, for failing to meet continuing calibration criteria.

Overall Assessment of the Data

The data presented are acceptable as qualified for the groundwater monitoring activities at the site.

Appendix G – Grain Size Analyses

Geotechnics
INTEGRITY IN TESTING

December 12, 2005

Project No. 2005-403-01

Mr. David Bouchard
Environmental Strategies Consulting, LLC
5 Sullivan Road
Cazenovia, NY 13035

Transmittal
Laboratory Test Results
Former GIC 148992.03

Please find attached the laboratory test results for the above referenced project. The tests were outlined on the Project Verification Form that was faxed to your firm prior to the testing. The testing was performed in general accordance with the methods listed on the enclosed data sheets. The test results are believed to be representative of the samples that were submitted for testing and are indicative only of the specimens which were evaluated. We have no direct knowledge of the origin of the samples and imply no position with regard to the nature of the test results, i.e. pass/fail and no claims as to the suitability of the material for its intended use.

The test data and all associated project information provided shall be held in strict confidence and disclosed to other parties only with authorization by our Client. The test data submitted herein is considered integral with this report and is not to be reproduced except in whole and only with the authorization of the Client and Geotechnics. The remaining sample materials for this project will be retained for a minimum of 90 days as directed by the Geotechnics' Quality Program.

We are pleased to provide these testing services. Should you have any questions or if we may be of further assistance, please contact our office.

Respectively submitted,
Geotechnics, Inc.

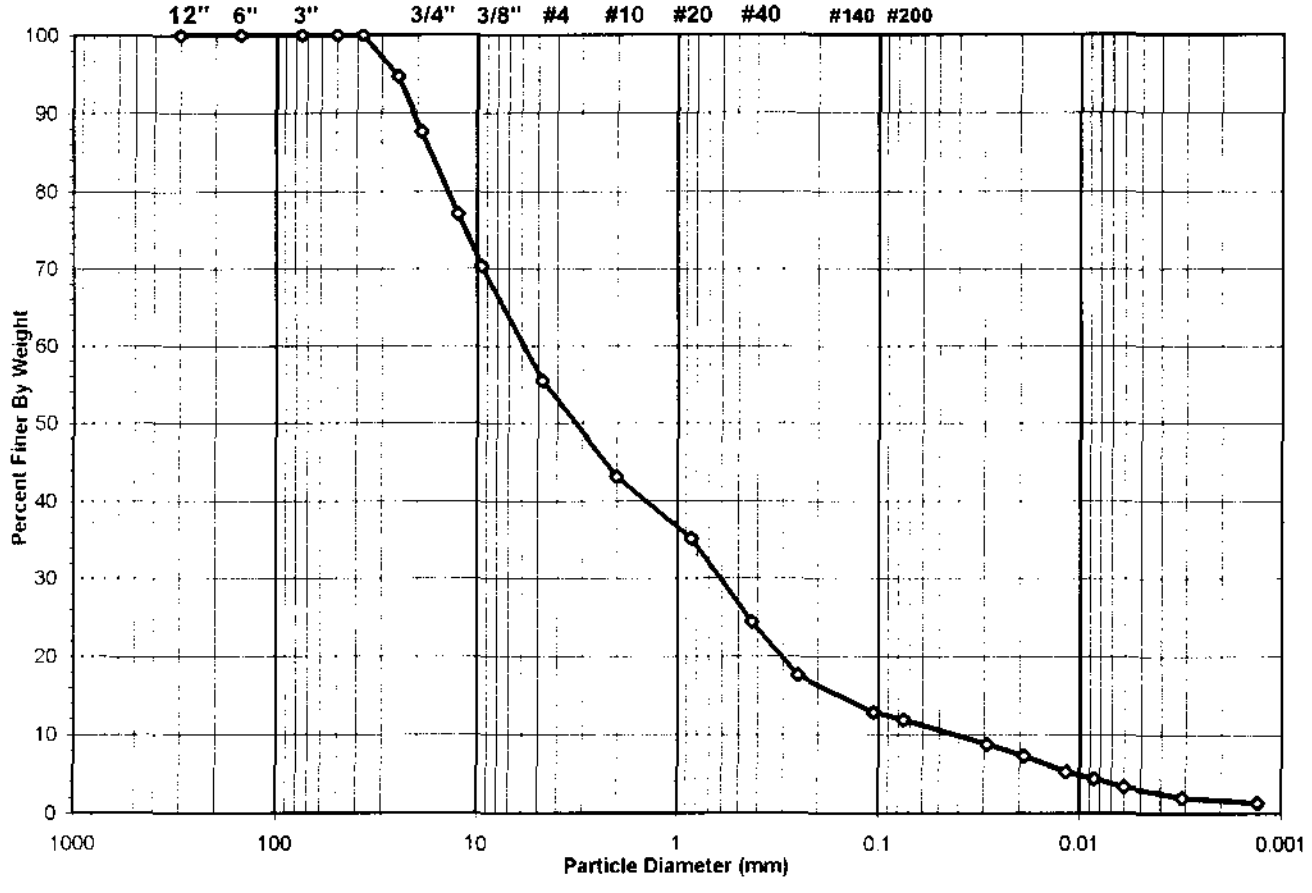
David R. Backstrom
Laboratory Director

We understand that you have a choice in your laboratory services and we thank you for choosing Geotechnics.

SIEVE AND HYDROMETER ANALYSIS
ASTM D 422-63/AASHTO T88-00 (SOP-S3)

Client	Environmental Strategies	Boring No.	NA
Client Reference	FORMER GIC 148992.03	Depth (ft)	NA
Project No.	2005-403-01	Sample No.	MW38110
Lab ID	2005-403-01-01	Soil Color	**BROWN**

	SIEVE ANALYSIS			HYDROMETER	
USCS	cobbles	gravel	sand	silt and clay fraction	
USDA	cobbles	gravel	sand	silt	clay



Sieve Sizes (mm)	USCS Summary	Percentage
Greater Than #4	*Gravel*	44.54
#4 To #200	*Sand*	43.50
Finer Than #200	*Silt & Clay*	11.96

		D60 =	5.866		
USCS Symbol	***gw-gm, ASSUMED***	D30 =	0.608	CC =	1.52
USCS Classification	***WELL-GRADED GRAVEL WITH SILT AND SAND***	D10 =	0.042	CU =	141.11

DCN: CT-S3A DATE:1/30/04 REVISION: 6

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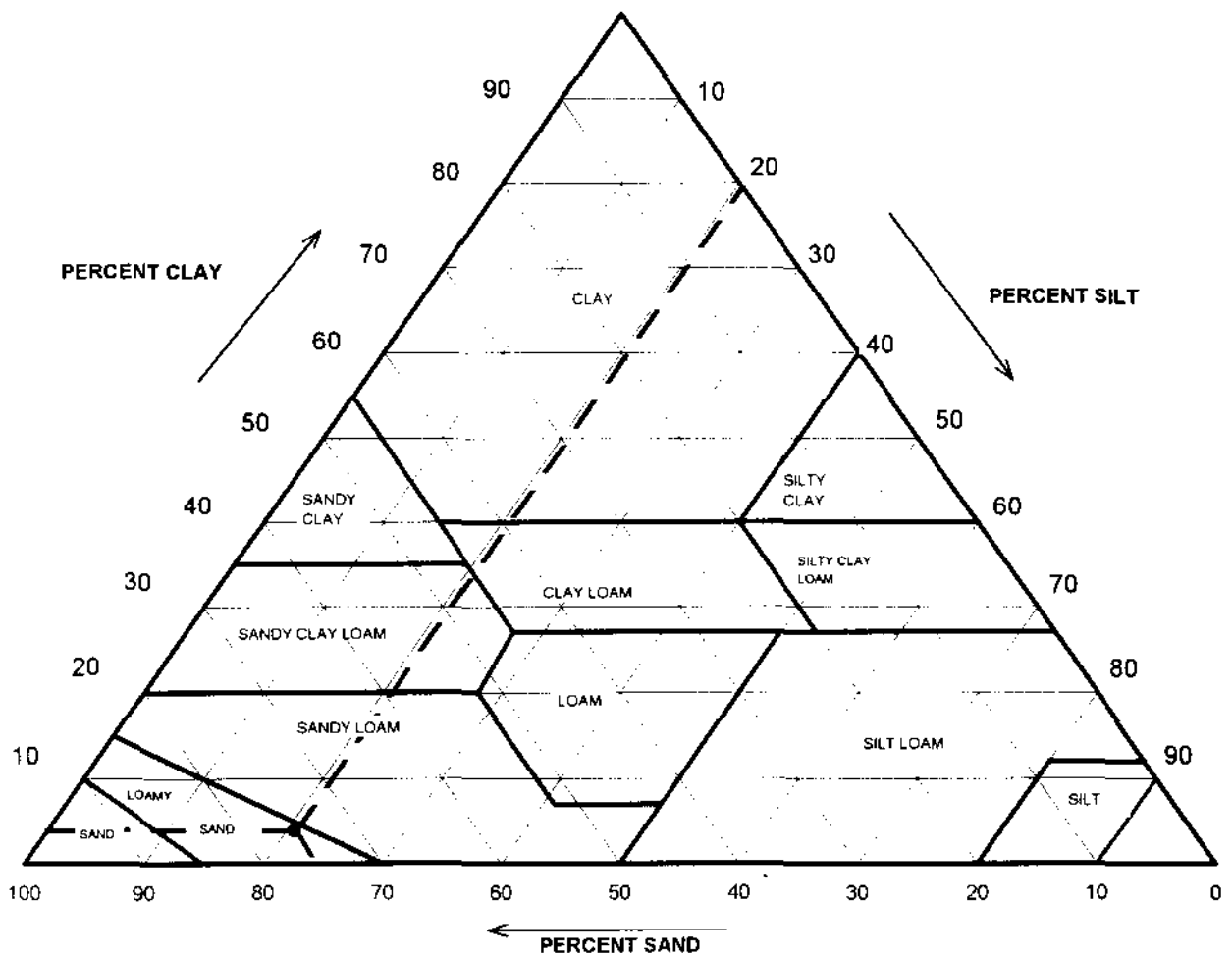
Geotechnics
INTEGRITY IN TESTING

USDA CLASSIFICATION CHART

Client	Environmental Strategies	Boring No.	NA
Client Reference	FORMER GIC 148992.03	Depth (ft)	NA
Project No.	2005-403-01	Sample No.	MW38110
Lab ID	2005-403-01-01	Soil Color	BROWN



Particle Size (mm)	Percent Finer	USDA SUMMARY	Actual Percentage	Corrected % of Minus 2.0 mm material for USDA Classificat.
		Gravel	56.81	**0.00**
2	43.19	*Sand*	32.58	**75.42**
0.05	10.61	*Silt*	8.92	**20.66**
0.002	1.69	*Clay*	1.69	**3.92**

USDA Classification ***LOAMY SAND***

DCN: CT-S3A DATE:1/30/04 REVISION: 6

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Geotechnics
INTEGRITY IN TESTING

WASH SIEVE ANALYSIS

ASTM D 422-63/AASHTO T88-00 (SOP-S3)

Client	Environmental Strategies	Boring No.	NA
Client Reference	FORMER GIC 148992.03	Depth (ft)	NA
Project No.	2005-403-01	Sample No.	MW38110
Lab ID	2005-403-01-01	Soil Color	**BROWN**

Moisture Content of Passing 3/4" Material		Water Content of Retained 3/4" Material	
Tare No.	637	Tare No.	NA
Wgt.Tare + Wet Specimen (gm)	1562.30	Wgt.Tare + Wet Specimen (gm)	NA
Wgt.Tare + Dry Specimen (gm)	1435.60	Wgt.Tare + Dry Specimen (gm)	NA
Weight of Tare (gm)	101.54	Weight of Tare (gm)	NA
Weight of Water (gm)	126.70	Weight of Water (gm)	NA
Weight of Dry Soil (gm)	1334.06	Weight of Dry Soil (gm)	NA
Moisture Content (%)	**9.5**	**Moisture Content (%)**	**NA**

Wet Weight -3/4" Sample (gm)	NA	Weight of the Dry Specimen (gm)	1334.06
Dry Weight - 3/4" Sample (gm)	1010.07	Weight of minus #200 material (gm)	159.61
Wet Weight +3/4" Sample (gm)	NA	Weight of plus #200 material (gm)	1174.45
Dry Weight + 3/4" Sample (gm)	164.38		
Total Dry Weight Sample (gm)	NA		

Sieve Size	Sieve Opening (mm)	Wgt.of Soil Retained (gm)	Percent Retained (%)	Accumulated Percent Retained (%)	Percent Finer (%)	**Accumulated Percent Finer (%)**
12"	300	0.00	0.00	0.00	100.00	**100.00**
6"	150	0.00	0.00	0.00	100.00	**100.00**
3"	75	0.00	0.00	0.00	100.00	**100.00**
2"	50	0.00	0.00	0.00	100.00	**100.00**
1 1/2"	37.5	0.00	0.00	0.00	100.00	**100.00**
1"	25.0	71.42	5.35	5.35	94.65	**94.65**
3/4"	19.0	92.96	6.97	12.32	87.68	**87.68**
1/2"	12.5	140.88	10.56	22.88	77.12	**77.12**
3/8"	9.50	89.96	6.74	29.63	70.37	**70.37**
#4	4.75	198.98	14.92	44.54	55.46	**55.46**
#10	2.00	163.65	12.27	56.81	43.19	**43.19**
#20	0.85	106.57	7.99	64.80	35.20	**35.20**
#40	0.425	143.73	10.77	75.57	24.43	**24.43**
#60	0.250	90.95	6.82	82.39	17.61	**17.61**
#140	0.106	62.42	4.68	87.07	12.93	**12.93**
#200	0.075	12.93	0.97	88.04	11.96	**11.96**
Pan	-	159.61	11.96	100.00	-	-

Tested By MB Date 12/6/05 Checked By MB Date 12-12-05

DCN: CT-S3A DATE:1/30/04 REVISION: 6

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Geotechnics
INTEGRITY IN TESTING

HYDROMETER ANALYSIS

ASTM D 422-63/AASHTO T88-00 (SOP-S3)

Client	Environmental Strategies	Boring No.	NA
Client Reference	FORMER GIC 148992.03	Depth (ft)	NA
Project No.	2005-403-01	Sample No.	MW38110
Lab ID	2005-403-01-01	Soil Color	**BROWN**

Elapsed Time (min)		R Measured	Temp. (°C)	Composite Correction	R Corrected	N (%)	K Factor	Diameter (mm)	N' (%)
0	NA	NA	NA	NA	NA	NA	NA	NA	NA
2	39.0	40.0	22.1	6.76	33.2	73.5	0.01311	0.0289	**8.8**
5		34.5	22.1	6.76	27.7	61.3	0.01311	0.0191	**7.3**
15		27.0	22.1	6.76	20.2	44.8	0.01311	0.0117	**5.4**
30		23.5	22.1	6.76	16.7	37.0	0.01311	0.0084	**4.4**
62		19.5	22.1	6.76	12.7	28.2	0.01311	0.0060	**3.4**
250		14.5	21.8	6.87	7.6	16.9	0.01316	0.0031	**2.0**
1440		12.0	22.0	6.80	5.2	11.5	0.01313	0.0013	**1.4**

Soil Specimen Data		Other Corrections	
Tare No.	708		
Tare + Dry Material (gm)	148.65	a - Factor	0.99
Weight of Tare (gm)	98.88		
Weight of Deflocculant (gm)	5.0	Percent Finer than # 200	11.96
Weight of Dry Material (gm)	44.77		
		Specific Gravity	2.7 Assumed

Note: *Hydrometer test is performed on - # 200 sieve material.*

Tested By TO Date 12/6/05 Checked By KMB Date 12-12-05

DCN: CT-93A DATE:1/30/04 REVISION: 6

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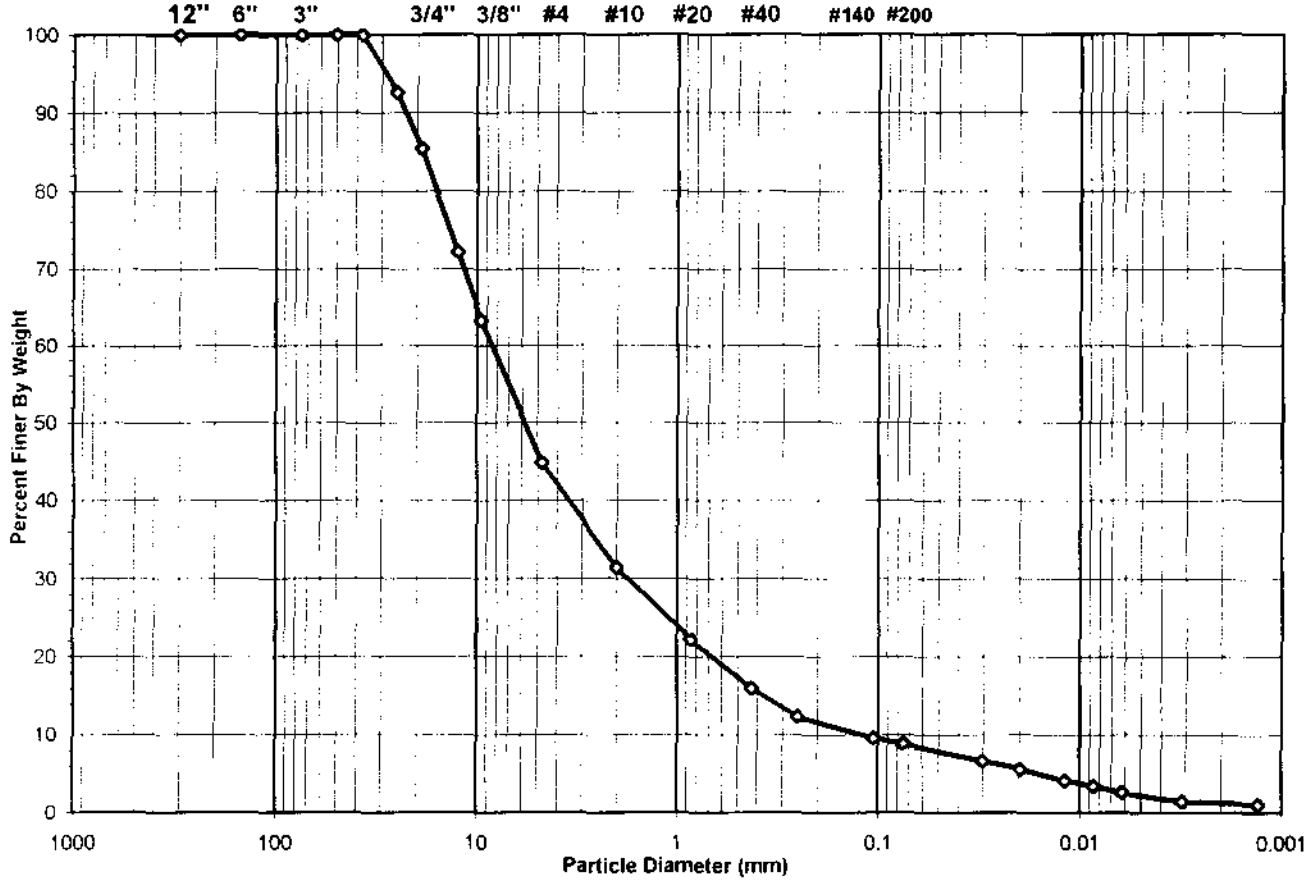
SIEVE AND HYDROMETER ANALYSIS
ASTM D 422-63/AASHTO T88-00 (SOP-S3)

Client	Environmental Strategies	Boring No.	NA
Client Reference	FORMER GIC 148992.03	Depth (ft)	NA
Project No.	2005-403-01	Sample No.	MW37120
Lab ID	2005-403-01-02	Soil Color	**BROWN**

	SIEVE ANALYSIS			HYDROMETER	
USCS	cobbles	gravel	sand	silt and clay fraction	
USDA	cobbles	gravel	sand	silt	clay



USCS Summary		
Sieve Sizes (mm)		**Percentage**
Greater Than #4	*Gravel*	55.17
#4 To #200	*Sand*	35.93
Finer Than #200	*Silt & Clay*	8.90

		D60 =	**8.394**		
USCS Symbol	***gp-gm, ASSUMED***				
		D30 =	**1.750**	**CC =**	**3.05**
USCS Classification	***POORLY GRADED GRAVEL WITH SILT AND SAND***				
		D10 =	**0.120**	**CU =**	**70.21**

DCN: CT-S3A DATE:1/30/04 REVISION: 6

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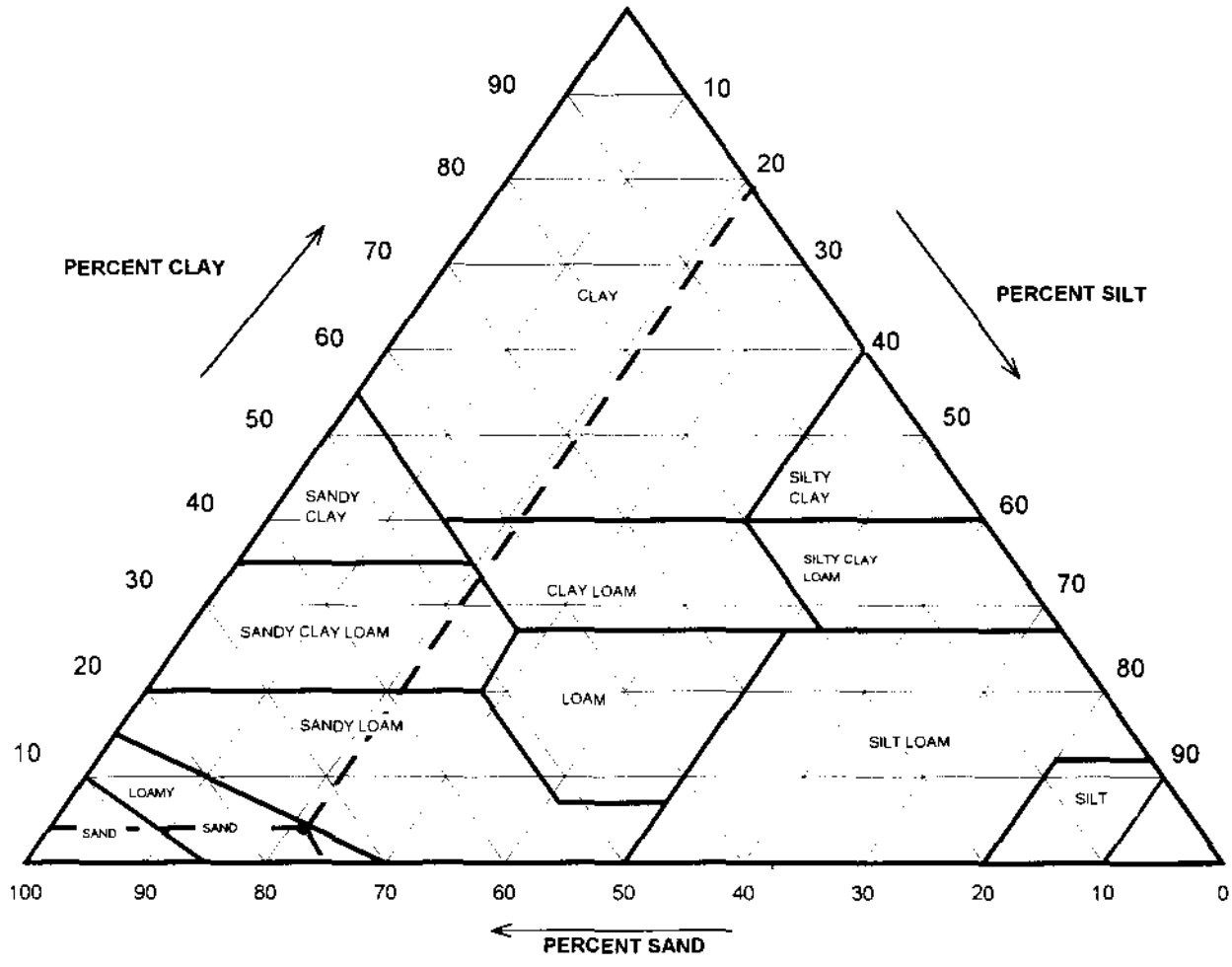
INTEGRITY IN TESTING

USDA CLASSIFICATION CHART

Client	Environmental Strategies	Boring No.	NA
Client Reference	FORMER GIC 148992.03	Depth (ft)	NA
Project No.	2005-403-01	Sample No.	MW37120
Lab ID	2005-403-01-02	Soil Color	BROWN



Particle Size (mm)	Percent Finer	USDA SUMMARY	Actual Percentage	Corrected % of Minus 2.0 mm material for USDA Classificat.
		Gravel	68.56	**0.00**
2	31.44	*Sand*	23.53	**74.85**
0.05	7.91	*Silt*	6.66	**21.18**
0.002	1.25	*Clay*	1.25	**3.97**

USDA Classification ***LOAMY SAND***

DCN: CT-53A DATE: 1/30/04 REVISION: 6

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Geotechnics
INTEGRITY IN TESTING

WASH SIEVE ANALYSIS

ASTM D 422-63/AASHTO T88-00 (SOP-S3)

Client	Environmental Strategies	Boring No.	NA
Client Reference	FORMER GIC 148992.03	Depth (ft)	NA
Project No.	2005-403-01	Sample No.	MW37120
Lab ID	2005-403-01-02	Soil Color	**BROWN**

Moisture Content of Passing 3/4" Material		Water Content of Retained 3/4" Material	
Tare No.	672	Tare No.	NA
Wgt.Tare + Wet Specimen (gm)	1926.90	Wgt.Tare + Wet Specimen (gm)	NA
Wgt.Tare + Dry Specimen (gm)	1776.60	Wgt.Tare + Dry Specimen (gm)	NA
Weight of Tare (gm)	97.42	Weight of Tare (gm)	NA
Weight of Water (gm)	150.30	Weight of Water (gm)	NA
Weight of Dry Soil (gm)	1679.18	Weight of Dry Soil (gm)	NA
Moisture Content (%)	**9.0**	**Moisture Content (%)**	**NA**

Wet Weight -3/4" Sample (gm)	NA	Weight of the Dry Specimen (gm)	1679.18
Dry Weight - 3/4" Sample (gm)	1284.35	Weight of minus #200 material (gm)	149.47
Wet Weight +3/4" Sample (gm)	NA	Weight of plus #200 material (gm)	1529.71
Dry Weight + 3/4" Sample (gm)	245.36		
Total Dry Weight Sample (gm)	NA		

Sieve Size	Sieve Opening (mm)	Wgt.of Soil Retained (gm)	Percent Retained (%)	Accumulated Percent Retained (%)	Percent Finer (%)	**Accumulated Percent Finer (%)**
12"	300	0.00	0.00	0.00	100.00	**100.00**
6"	150	0.00	0.00	0.00	100.00	**100.00**
3"	75	0.00	0.00	0.00	100.00	**100.00**
2"	50	0.00	0.00	0.00	100.00	**100.00**
1 1/2"	37.5	0.00	0.00	0.00	100.00	**100.00**
1"	25.0	124.54	7.42	7.42	92.58	**92.58**
3/4"	19.0	120.82	7.20	14.61	85.39	**85.39**
1/2"	12.5	222.88	13.27	27.89	72.11	**72.11**
3/8"	9.50	148.04	8.82	36.70	63.30	**63.30**
#4	4.75	310.14	18.47	55.17	44.83	**44.83**
#10	2.00	224.86	13.39	68.56	31.44	**31.44**
#20	0.85	154.72	9.21	77.78	22.22	**22.22**
#40	0.425	104.80	6.24	84.02	15.98	**15.98**
#60	0.250	60.83	3.62	87.64	12.36	**12.36**
#140	0.106	46.10	2.75	90.39	9.61	**9.61**
#200	0.075	11.98	0.71	91.10	8.90	**8.90**
Pan	-	149.47	8.90	100.00	-	-

Tested By MB Date 12/6/05 Checked By KB Date 12-12-05

DCN: CT-S3A DATE:1/30/04 REVISION: 6

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HYDROMETER ANALYSIS

ASTM D 422-63/AASHTO T88-00 (SOP-S3)

Client	Environmental Strategies	Boring No.	NA
Client Reference	FORMER GIC 148992.03	Depth (ft)	NA
Project No.	2005-403-01	Sample No.	MW37120
Lab ID	2005-403-01-02	Soil Color	**BROWN**

Elapsed Time (min)		R Measured	Temp. (° C)	Composite Correction	R Corrected	N (%)	K Factor	Diameter (mm)	N' (%)
0	NA	NA	NA	NA	NA	NA	NA	NA	NA
2	35.0	35.5	22.1	6.76	28.7	74.7	0.01311	0.0300	**6.7**
5		31.0	22.1	6.76	24.2	63.0	0.01311	0.0196	**5.6**
15		24.5	22.1	6.76	17.7	46.1	0.01311	0.0119	**4.1**
30		21.5	22.1	6.76	14.7	38.3	0.01311	0.0086	**3.4**
60		18.0	22.1	6.76	11.2	29.2	0.01311	0.0062	**2.6**
250		13.0	21.8	6.87	6.1	15.9	0.01316	0.0031	**1.4**
1440		11.5	22.0	6.80	4.7	12.2	0.01313	0.0013	**1.1**

Soil Specimen Data		Other Corrections	
Tare No.	2337		
Tare + Dry Material (gm)	141.78	a - Factor	0.99
Weight of Tare (gm)	98.71		
Weight of Deflocculant (gm)	5.0	Percent Finer than # 200	8.90
Weight of Dry Material (gm)	38.07		
		Specific Gravity	2.7 Assumed

Note: *Hydrometer test is performed on - # 200 sieve material.*

Tested By TO Date 12/6/05 Checked By KB Date 12-12-05

DCN: CT-S3A DATE:1/30/04 REVISION: 6

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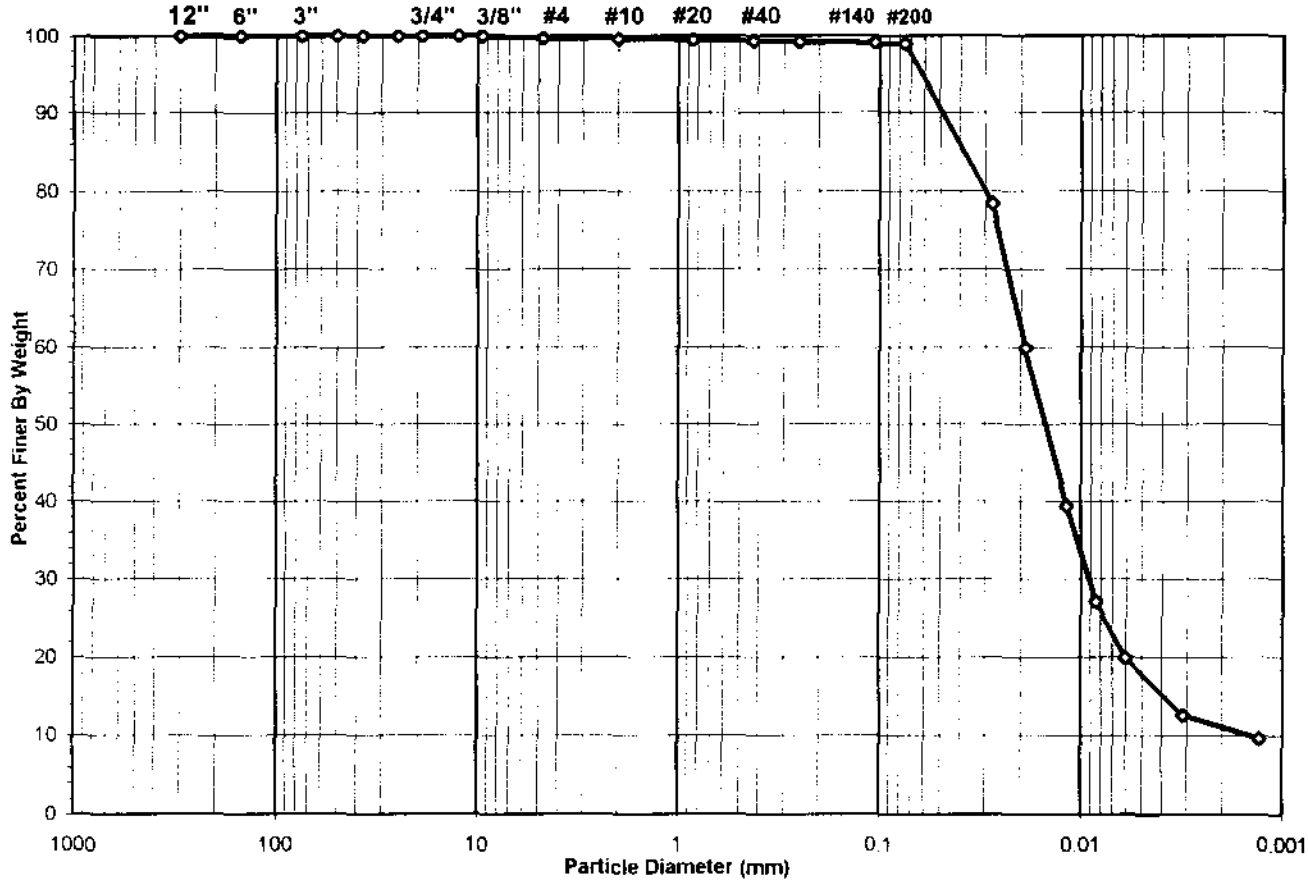
SIEVE AND HYDROMETER ANALYSIS
ASTM D 422-63/AASHTO T88-00 (SOP-S3)

Client	Environmental Strategies	Boring No.	NA
Client Reference	FORMER GIC 148992.03	Depth (ft)	NA
Project No.	2005-403-01	Sample No.	MW37150
Lab ID	2005-403-01-03	Soil Color	**GRAY**

	SIEVE ANALYSIS			HYDROMETER	
USCS	cobbles	gravel	sand	silt and clay fraction	
USDA	cobbles	gravel	sand	silt	clay



USCS Summary		
Sieve Sizes (mm)		**Percentage**
Greater Than #4	*Gravel*	0.33
#4 To #200	*Sand*	0.71
Finer Than #200	*Silt & Clay*	98.96

USCS Symbol ***cl, ASSUMED***

USCS Classification ***LEAN CLAY***

DCN: CT-S3A DATE:1/30/04 REVISION: 6

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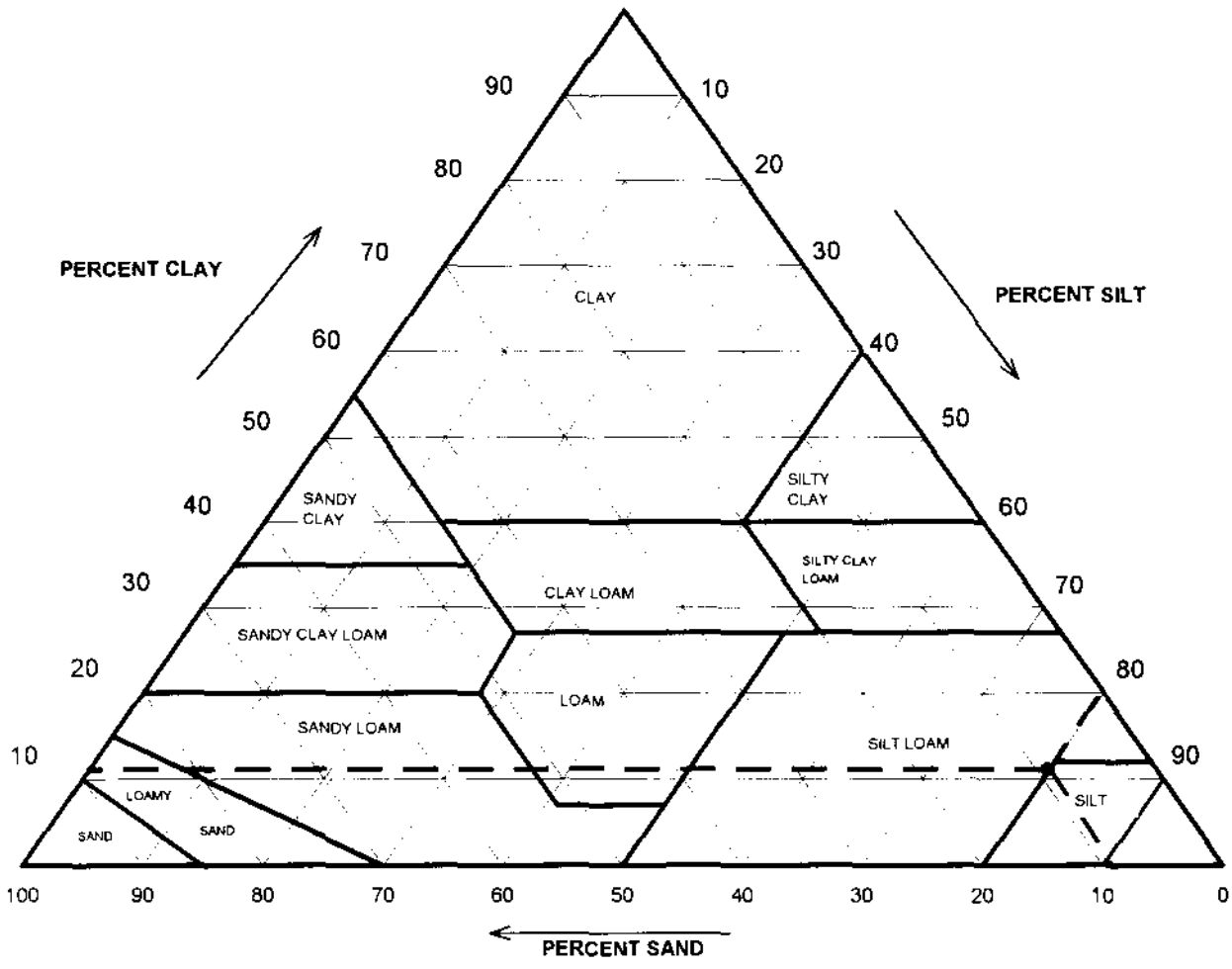
INTEGRITY IN TESTING

USDA CLASSIFICATION CHART

Client	Environmental Strategies	Boring No.	NA
Client Reference	FORMER GIC 148992.03	Depth (ft)	NA
Project No.	2005-403-01	Sample No.	MW37150
Lab ID	2005-403-01-03	Soil Color	GRAY



Particle Size (mm)	Percent Finer	USDA SUMMARY	Actual Percentage	Corrected % of Minus 2.0 mm material for USDA Classificat.
		Gravel	0.41	**0.00**
2	99.59	*Sand*	9.02	**9.06**
0.05	90.57	*Silt*	79.52	**79.85**
0.002	11.05	*Clay*	11.05	**11.09**

USDA Classification ***SILT LOAM***

DCN: CT-S3A DATE:1/30/04 REVISION: 6

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Geotechnics
INTEGRITY IN TESTING

WASH SIEVE ANALYSIS

ASTM D 422-63/AASHTO T88-00 (SOP-S3)

Client	Environmental Strategies	Boring No.	NA
Client Reference	FORMER GIC 148992.03	Depth (ft)	NA
Project No.	2005-403-01	Sample No.	MW37150
Lab ID	2005-403-01-03	Soil Color	**GRAY**

Moisture Content of Passing 3/4" Material		Water Content of Retained 3/4" Material	
Tare No.	527	Tare No.	NA
Wgt.Tare + Wet Specimen (gm)	709.80	Wgt.Tare + Wet Specimen (gm)	NA
Wgt.Tare + Dry Specimen (gm)	602.60	Wgt.Tare + Dry Specimen (gm)	NA
Weight of Tare (gm)	96.45	Weight of Tare (gm)	NA
Weight of Water (gm)	107.20	Weight of Water (gm)	NA
Weight of Dry Soil (gm)	506.15	Weight of Dry Soil (gm)	NA
Moisture Content (%)	**21.2**	**Moisture Content (%)**	**NA**

Wet Weight -3/4" Sample (gm)	NA	Weight of the Dry Specimen (gm)	506.15
Dry Weight - 3/4" Sample (gm)	5.26	Weight of minus #200 material (gm)	500.89
Wet Weight +3/4" Sample (gm)	NA	Weight of plus #200 material (gm)	5.26
Dry Weight + 3/4" Sample (gm)	0.00		
Total Dry Weight Sample (gm)	NA		

Sieve Size	Sieve Opening (mm)	Wgt.of Soil Retained (gm)	Percent Retained (%)	Accumulated Percent Retained (%)	Percent Finer (%)	**Accumulated Percent Finer (%)**
12"	300	0.00	0.00	0.00	100.00	**100.00**
6"	150	0.00	0.00	0.00	100.00	**100.00**
3"	75	0.00	0.00	0.00	100.00	**100.00**
2"	50	0.00	0.00	0.00	100.00	**100.00**
1 1/2"	37.5	0.00	0.00	0.00	100.00	**100.00**
1"	25.0	0.00	0.00	0.00	100.00	**100.00**
3/4"	19.0	0.00	0.00	0.00	100.00	**100.00**
1/2"	12.5	0.00	0.00	0.00	100.00	**100.00**
3/8"	9.50	0.00	0.00	0.00	100.00	**100.00**
#4	4.75	1.67	0.33	0.33	99.67	**99.67**
#10	2.00	0.41	0.08	0.41	99.59	**99.59**
#20	0.85	0.72	0.14	0.55	99.45	**99.45**
#40	0.425	0.87	0.17	0.73	99.27	**99.27**
#60	0.250	0.54	0.11	0.83	99.17	**99.17**
#140	0.106	0.73	0.14	0.98	99.02	**99.02**
#200	0.075	0.32	0.06	1.04	98.96	**98.96**
Pan	-	500.89	98.96	100.00	-	-

Tested By MB Date 12/6/05 Checked By MB Date 12-12-05

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INTEGRITY IN TESTING

HYDROMETER ANALYSIS

ASTM D 422-63/AASHTO T88-00 (SOP-S3)

Client	Environmental Strategies	Boring No.	NA
Client Reference	FORMER GIC 148992.03	Depth (ft)	NA
Project No.	2005-403-01	Sample No.	MW37150
Lab ID	2005-403-01-03	Soil Color	**GRAY**

Elapsed Time (min)		R Measured	Temp. (°C)	Composite Correction	R Corrected	N (%)	K Factor	Diameter (mm)	N' (%)
0	NA	NA	NA	NA	NA	NA	NA	NA	NA
2	44.0	45.0	22.1	6.76	38.2	79.2	0.01311	0.0277	**78.3**
5		36.0	22.1	6.76	29.2	60.5	0.01311	0.0189	**59.9**
15		26.0	22.1	6.76	19.2	39.8	0.01311	0.0117	**39.4**
31		20.0	22.1	6.76	13.2	27.4	0.01311	0.0085	**27.1**
65		16.5	22.1	6.76	9.7	20.2	0.01311	0.0060	**20.0**
250		13.0	21.8	6.87	6.1	12.7	0.01316	0.0031	**12.6**
1440		11.5	22.0	6.80	4.7	9.7	0.01313	0.0013	**9.6**

Soil Specimen Data		Other Corrections	
Tare No.	679		
Tare + Dry Material (gm)	151.7	a - Factor	0.99
Weight of Tare (gm)	98.88		
Weight of Deflocculant (gm)	5.0	Percent Finer than # 200	98.96
Weight of Dry Material (gm)	47.82		
		Specific Gravity	2.7 Assumed

Note: *Hydrometer test is performed on - # 200 sieve material.*

Tested By TO Date 12/6/05 Checked By KB Date 12-12-05

DCN: CT-S3A DATE:1/30/04 REVISION: 6

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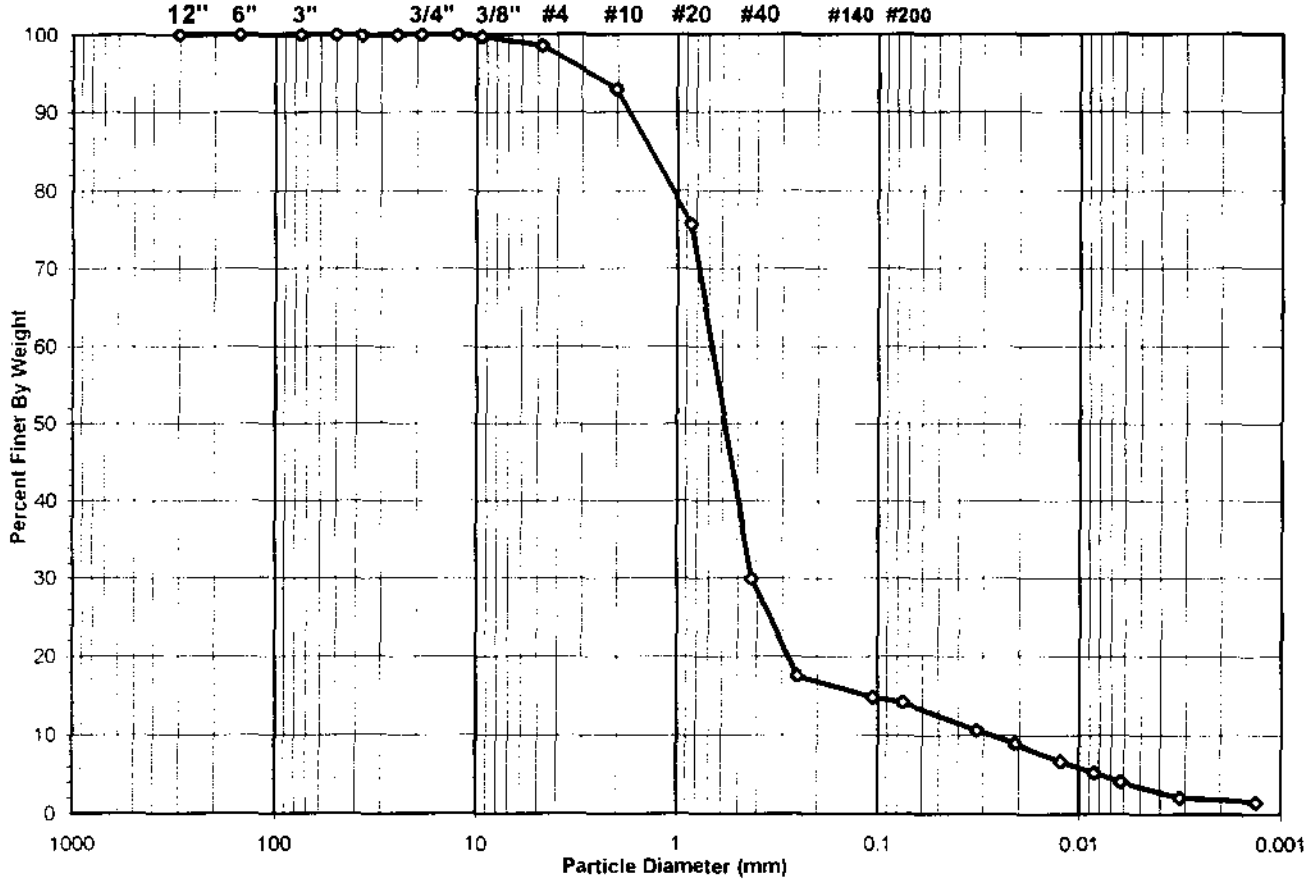
SIEVE AND HYDROMETER ANALYSIS
ASTM D 422-63/AASHTO T88-00 (SOP-S3)

Client	Environmental Strategies	Boring No.	NA
Client Reference	FORMER GIC 148992.03	Depth (ft)	NA
Project No.	2005-403-01	Sample No.	MW31050
Lab ID	2005-403-01-04	Soil Color	**BROWN**

	SIEVE ANALYSIS			HYDROMETER	
USCS	**cobbles**	**gravel**	**sand**	**silt and clay fraction**	
USDA	**cobbles**	**gravel**	**sand**	**silt**	**clay**



USCS Summary		
Sieve Sizes (mm)		**Percentage**
Greater Than #4	*Gravel*	1.46
#4 To #200	*Sand*	84.29
Finer Than #200	*Silt & Clay*	14.24

USCS Symbol ***sm, ASSUMED***

USCS Classification ***SILTY SAND***

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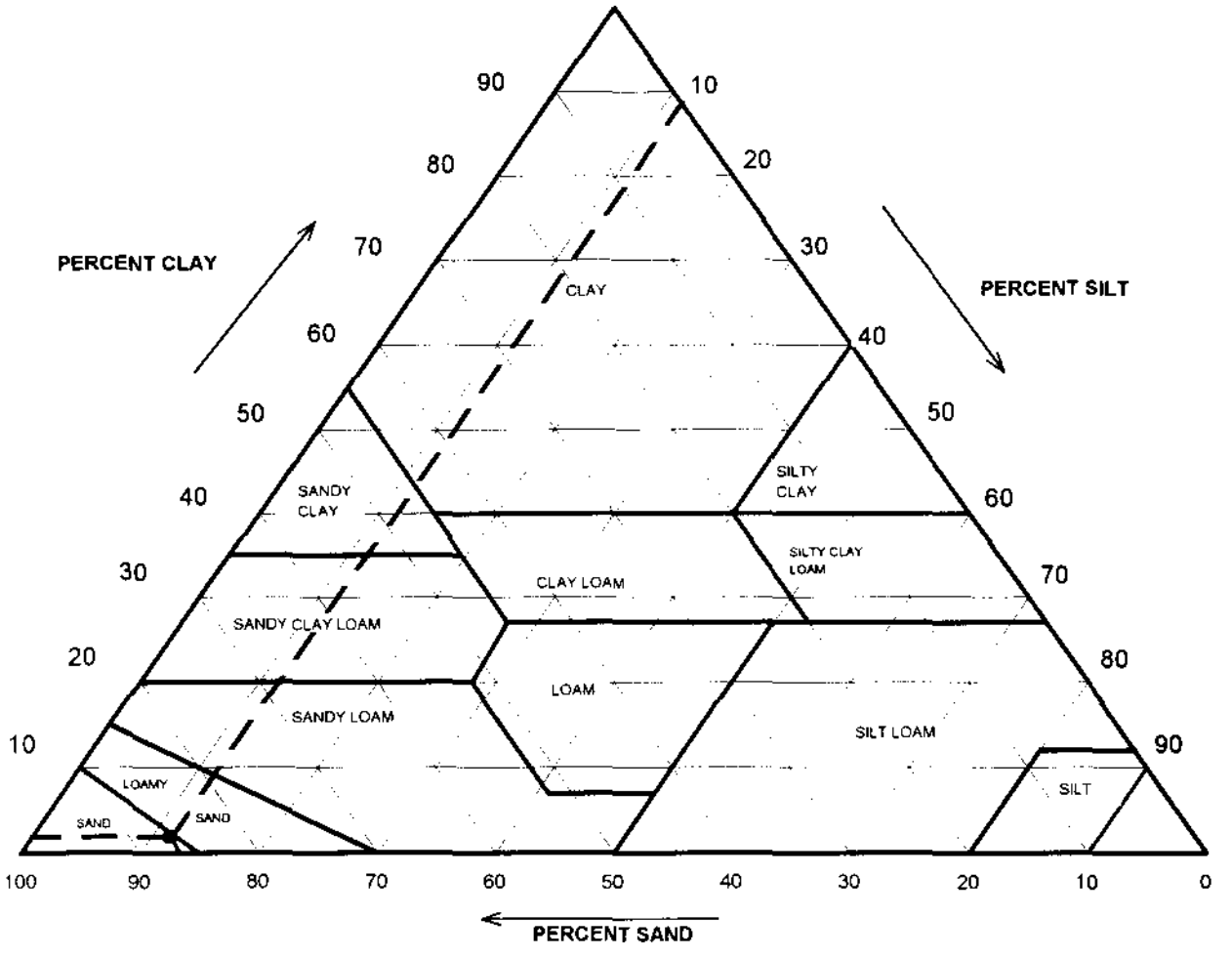
Gotechnics
INTEGRITY IN TESTING

USDA CLASSIFICATION CHART

Client	Environmental Strategies	Boring No.	NA
Client Reference	FORMER GIC 148992.03	Depth (ft)	NA
Project No.	2005-403-01	Sample No.	MW31050
Lab ID	2005-403-01-04	Soil Color	BROWN



Particle Size (mm)	Percent Finer	USDA SUMMARY	Actual Percentage	Corrected % of Minus 2.0 mm material for USDA Classificat.
		Gravel	7.11	**0.00**
2	92.89	*Sand*	80.37	**86.53**
0.05	12.51	*Silt*	10.73	**11.55**
0.002	1.78	*Clay*	1.78	**1.92**

USDA Classification ***SAND***

DCN: CT-53A DATE:1/30/04 REVISION: 6

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Geotechnics
INTEGRITY IN TESTING

WASH SIEVE ANALYSIS

ASTM D 422-63/AASHTO T88-00 (SOP-S3)

Client	Environmental Strategies	Boring No.	NA
Client Reference	FORMER GIC 148992.03	Depth (ft)	NA
Project No.	2005-403-01	Sample No.	MW31050
Lab ID	2005-403-01-04	Soil Color	**BROWN**

Moisture Content of Passing 3/4" Material		Water Content of Retained 3/4" Material	
Tare No.	701	Tare No.	NA
Wgt.Tare + Wet Specimen (gm)	706.30	Wgt.Tare + Wet Specimen (gm)	NA
Wgt.Tare + Dry Specimen (gm)	592.52	Wgt.Tare + Dry Specimen (gm)	NA
Weight of Tare (gm)	100.41	Weight of Tare (gm)	NA
Weight of Water (gm)	113.78	Weight of Water (gm)	NA
Weight of Dry Soil (gm)	492.11	Weight of Dry Soil (gm)	NA
Moisture Content (%)	**23.1**	**Moisture Content (%)**	**NA**

Wet Weight -3/4" Sample (gm)	NA	Weight of the Dry Specimen (gm)	492.11
Dry Weight - 3/4" Sample (gm)	422.01	Weight of minus #200 material (gm)	70.10
Wet Weight +3/4" Sample (gm)	NA	Weight of plus #200 material (gm)	422.01
Dry Weight + 3/4" Sample (gm)	0.00		
Total Dry Weight Sample (gm)	NA		

Sieve Size	Sieve Opening (mm)	Wgt.of Soil Retained (gm)	Percent Retained (%)	Accumulated Percent Retained (%)	Percent Finer (%)	**Accumulated Percent Finer (%)**
12"	300	0.00	0.00	0.00	100.00	**100.00**
6"	150	0.00	0.00	0.00	100.00	**100.00**
3"	75	0.00	0.00	0.00	100.00	**100.00**
2"	50	0.00	0.00	0.00	100.00	**100.00**
1 1/2"	37.5	0.00	0.00	0.00	100.00	**100.00**
1"	25.0	0.00	0.00	0.00	100.00	**100.00**
3/4"	19.0	0.00	0.00	0.00	100.00	**100.00**
1/2"	12.5	0.00	0.00	0.00	100.00	**100.00**
3/8"	9.50	1.30	0.26	0.26	99.74	**99.74**
#4	4.75	5.89	1.20	1.46	98.54	**98.54**
#10	2.00	27.82	5.65	7.11	92.89	**92.89**
#20	0.85	84.47	17.16	24.28	75.72	**75.72**
#40	0.425	225.34	45.79	70.07	29.93	**29.93**
#60	0.250	60.56	12.31	82.38	17.62	**17.62**
#140	0.106	13.63	2.77	85.15	14.85	**14.85**
#200	0.075	3.00	0.61	85.76	14.24	**14.24**
Pan	-	70.10	14.24	100.00	-	-

Tested By MB Date 12/6/05 Checked By KMB Date 12-12-05

DCN: CT-53A DATE:1/30/04 REVISION: 6

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HYDROMETER ANALYSIS

ASTM D 422-63/AASHTO T88-00 (SOP-S3)

Client	Environmental Strategies	Boring No.	NA
Client Reference	FORMER GIC 148992.03	Depth (ft)	NA
Project No.	2005-403-01	Sample No.	MW31050
Lab ID	2005-403-01-04	Soil Color	**BROWN**

Elapsed Time (min)		R Measured	Temp. (° C)	Composite Correction	R Corrected	N (%)	K Factor	Diameter (mm)	N' (%)
0	NA	NA	NA	NA	NA	NA	NA	NA	NA
2	25.0	25.5	22.1	6.76	18.7	74.7	0.01311	0.0323	**10.6**
5		22.5	22.1	6.76	15.7	62.7	0.01311	0.0208	**8.9**
15		18.5	22.1	6.76	11.7	46.8	0.01311	0.0123	**6.7**
33		16.0	22.1	6.76	9.2	36.8	0.01311	0.0084	**5.2**
62		14.0	22.1	6.76	7.2	28.9	0.01311	0.0062	**4.1**
250		10.5	21.8	6.87	3.6	14.5	0.01316	0.0032	**2.1**
1440		9.5	22.0	6.80	2.7	10.8	0.01313	0.0013	**1.5**

Soil Specimen Data		**Other Corrections**	
Tare No.	693		
Tare + Dry Material (gm)	125.46	a - Factor	0.99
Weight of Tare (gm)	95.63		
Weight of Deflocculant (gm)	5.0	Percent Finer than # 200	14.24
Weight of Dry Material (gm)	24.83		
		Specific Gravity	2.7 Assumed

Note: *Hydrometer test is performed on - # 200 sieve material.*

Tested By TO Date 12/6/05 Checked By KYB Date 12-12-05

DCN: GT-S3A DATE:1/30/04 REVISION: 6

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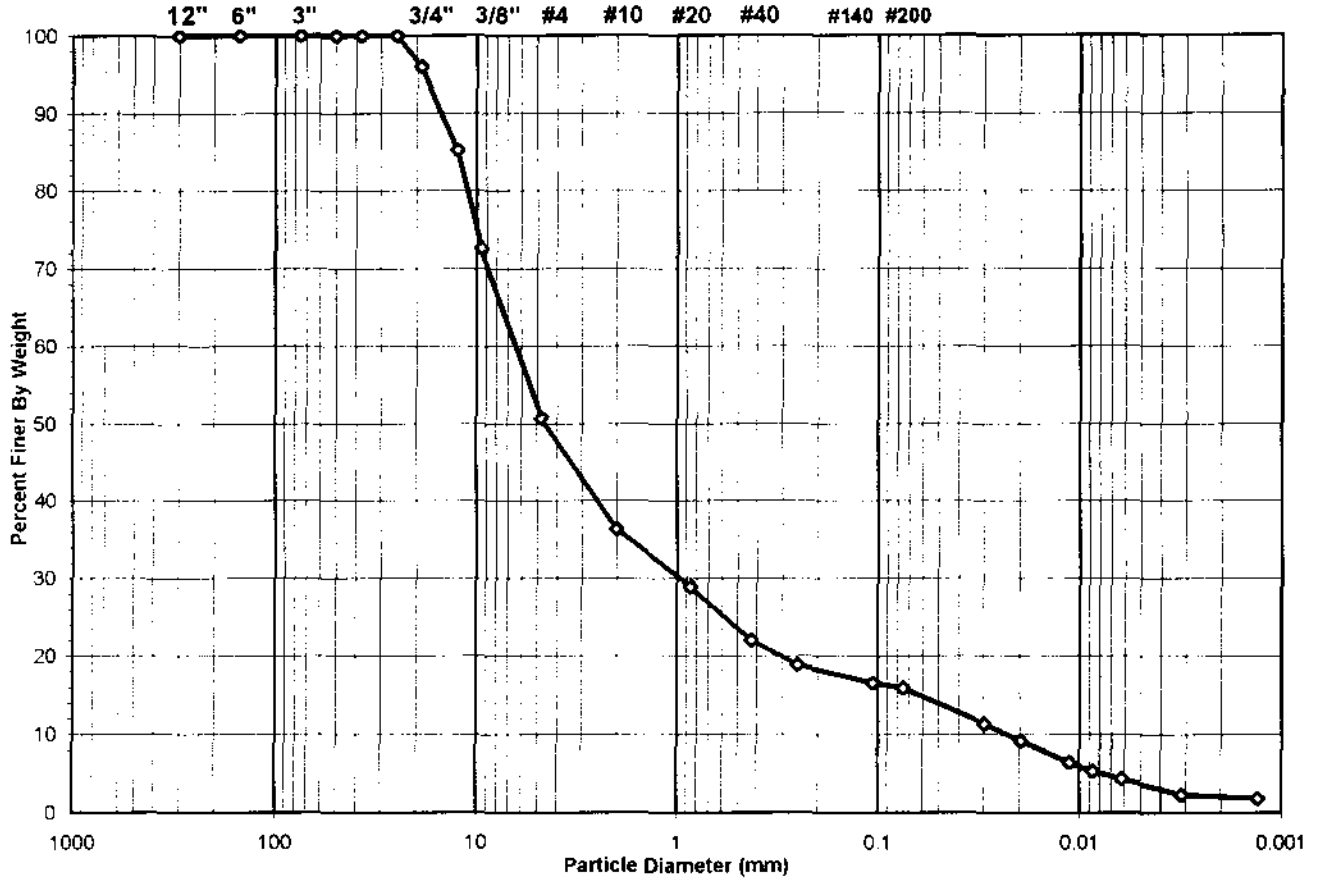
SIEVE AND HYDROMETER ANALYSIS
ASTM D 422-63/AASHTO T88-00 (SOP-S3)

Client	Environmental Strategies	Boring No.	NA
Client Reference	FORMER GIC 148992.03	Depth (ft)	NA
Project No.	2005-403-01	Sample No.	MW32110
Lab ID	2005-403-01-05	Soil Color	**BROWN**

	SIEVE ANALYSIS			HYDROMETER	
USCS	cobbles	gravel	sand	silt and clay fraction	
USDA	cobbles	gravel	sand	silt	clay



USCS Summary		
Sieve Sizes (mm)		**Percentage**
Greater Than #4	*Gravel*	49.30
#4 To #200	*Sand*	34.77
Finer Than #200	*Silt & Clay*	15.93

USCS Symbol ***gm, ASSUMED***

USCS Classification ***SILTY GRAVEL WITH SAND***

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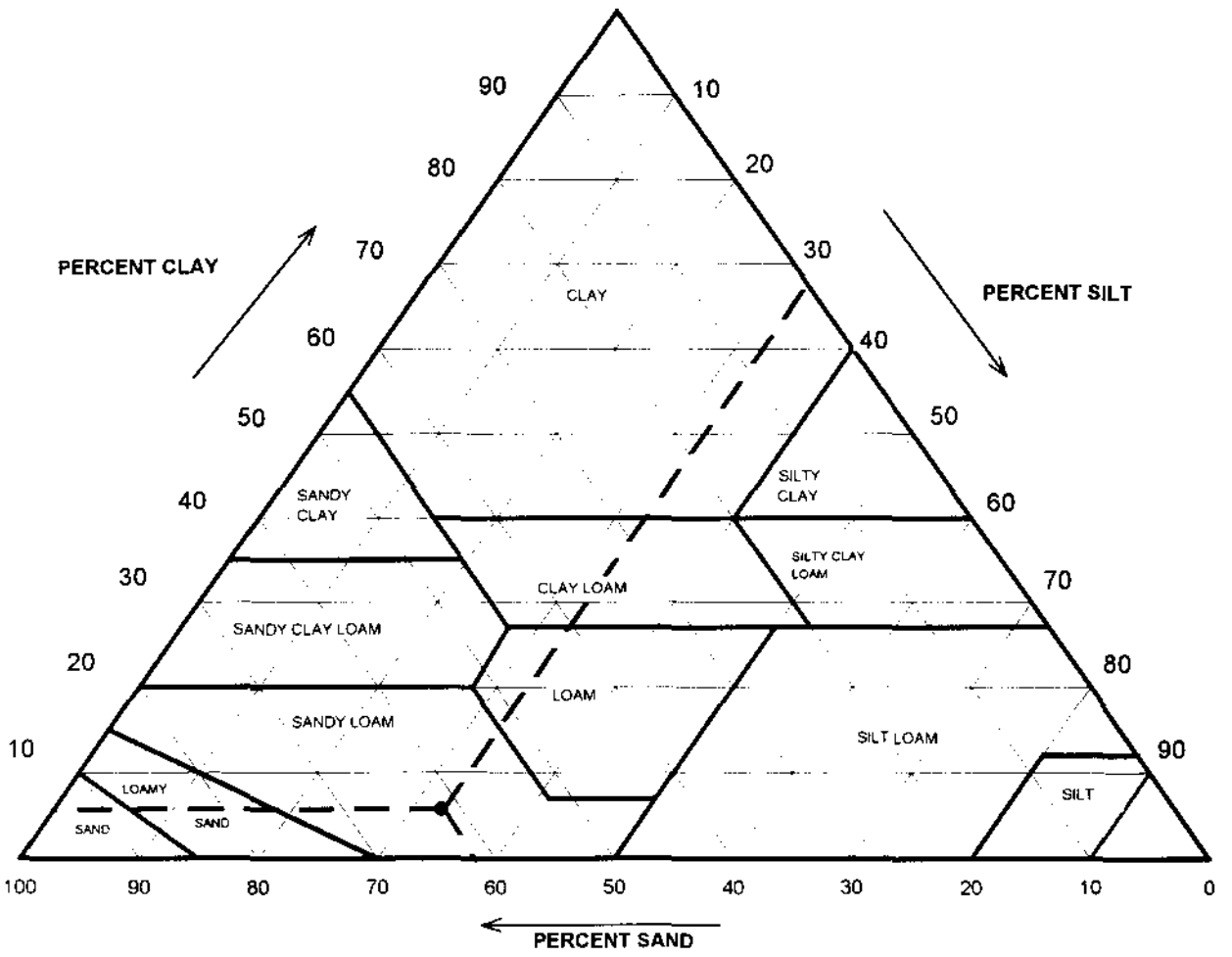
USDA CLASSIFICATION CHART

Client	Environmental Strategies	Boring No.	NA
Client Reference	FORMER GIC 148992.03	Depth (ft)	NA
Project No.	2005-403-01	Sample No.	MW32110
Lab ID	2005-403-01-05	Soil Color	BROWN



Particle Size (mm)	Percent Finer	USDA SUMMARY	Actual Percentage	Corrected % of Minus 2.0 mm material for USDA Classificat.
		Gravel	63.72	**0.00**
2	36.28	*Sand*	22.37	**61.67**
0.05	13.91	*Silt*	11.82	**32.57**
0.002	2.09	*Clay*	2.09	**5.76**

USDA Classification ***SANDY LOAM***

DCN: CT-S3A DATE:1/30/04 REVISION: 6

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WASH SIEVE ANALYSIS

ASTM D 422-63/AASHTO T88-00 (SOP-S3)

Client	Environmental Strategies	Boring No.	NA
Client Reference	FORMER GIC 148992.03	Depth (ft)	NA
Project No.	2005-403-01	Sample No.	MW32110
Lab ID	2005-403-01-05	Soil Color	**BROWN**

Moisture Content of Passing 3/4" Material		Water Content of Retained 3/4" Material	
Tare No.	683	Tare No.	NA
Wgt.Tare + Wet Specimen (gm)	963.90	Wgt.Tare + Wet Specimen (gm)	NA
Wgt.Tare + Dry Specimen (gm)	875.00	Wgt.Tare + Dry Specimen (gm)	NA
Weight of Tare (gm)	100.39	Weight of Tare (gm)	NA
Weight of Water (gm)	88.90	Weight of Water (gm)	NA
Weight of Dry Soil (gm)	774.61	Weight of Dry Soil (gm)	NA
Moisture Content (%)	**11.5**	**Moisture Content (%)**	**NA**

Wet Weight -3/4" Sample (gm)	NA	Weight of the Dry Specimen (gm)	774.61
Dry Weight - 3/4" Sample (gm)	619.72	Weight of minus #200 material (gm)	123.39
Wet Weight +3/4" Sample (gm)	NA	Weight of plus #200 material (gm)	651.22
Dry Weight + 3/4" Sample (gm)	31.50		
Total Dry Weight Sample (gm)	NA		

Sieve Size	Sieve Opening (mm)	Wgt.of Soil Retained (gm)	Percent Retained (%)	Accumulated Percent Retained (%)	Percent Finer (%)	**Accumulated Percent Finer (%)**
12"	300	0.00	0.00	0.00	100.00	**100.00**
6"	150	0.00	0.00	0.00	100.00	**100.00**
3"	75	0.00	0.00	0.00	100.00	**100.00**
2"	50	0.00	0.00	0.00	100.00	**100.00**
1 1/2"	37.5	0.00	0.00	0.00	100.00	**100.00**
1"	25.0	0.00	0.00	0.00	100.00	**100.00**
3/4"	19.0	31.50	4.07	4.07	95.93	**95.93**
1/2"	12.5	82.76	10.68	14.75	85.25	**85.25**
3/8"	9.50	98.02	12.65	27.40	72.60	**72.60**
#4	4.75	169.62	21.90	49.30	50.70	**50.70**
#10	2.00	111.68	14.42	63.72	36.28	**36.28**
#20	0.85	57.27	7.39	71.11	28.89	**28.89**
#40	0.425	53.10	6.86	77.97	22.03	**22.03**
#60	0.250	24.39	3.15	81.12	18.88	**18.88**
#140	0.106	18.25	2.36	83.47	16.53	**16.53**
#200	0.075	4.63	0.60	84.07	15.93	**15.93**
Pan	-	123.39	15.93	100.00	-	-

Tested By MB Date 12/6/05 Checked By [signature] Date 12-12-05

DCN: CT-S3A DATE:1/30/04 REVISION: 6

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HYDROMETER ANALYSIS

ASTM D 422-63/AASHTO T88-00 (SOP-S3)

Client	Environmental Strategies	Boring No.	NA
Client Reference	FORMER GIC 148992.03	Depth (ft)	NA
Project No.	2005-403-01	Sample No.	MW32110
Lab ID	2005-403-01-05	Soil Color	**BROWN**

Elapsed Time (min)		R Measured	Temp. (°C)	Composite Correction	R Corrected	N (%)	K Factor	Diameter (mm)	N' (%)
0	NA	NA	NA	NA	NA	NA	NA	NA	NA
2	36.0	36.0	22.1	6.76	29.2	71.2	0.01311	0.0299	**11.3**
5		30.5	22.1	6.76	23.7	57.8	0.01311	0.0197	**9.2**
17		23.5	22.1	6.76	16.7	40.8	0.01311	0.0112	**6.5**
30		20.5	22.1	6.76	13.7	33.4	0.01311	0.0086	**5.3**
60		18.0	22.1	6.76	11.2	27.4	0.01311	0.0062	**4.4**
250		13.0	21.8	6.87	6.1	14.9	0.01316	0.0031	**2.4**
1440		11.5	22.0	6.80	4.7	11.4	0.01313	0.0013	**1.8**

Soil Specimen Data		Other Corrections	
Tare No.	968		
Tare + Dry Material (gm)	149.11	a - Factor	0.99
Weight of Tare (gm)	103.45		
Weight of Deflocculant (gm)	5.0	Percent Finer than # 200	15.93
Weight of Dry Material (gm)	40.66		
		Specific Gravity	2.7 Assumed

Note: *Hydrometer test is performed on - # 200 sieve material.*

Tested By TO Date 12/6/05 Checked By KB Date 12-12-05

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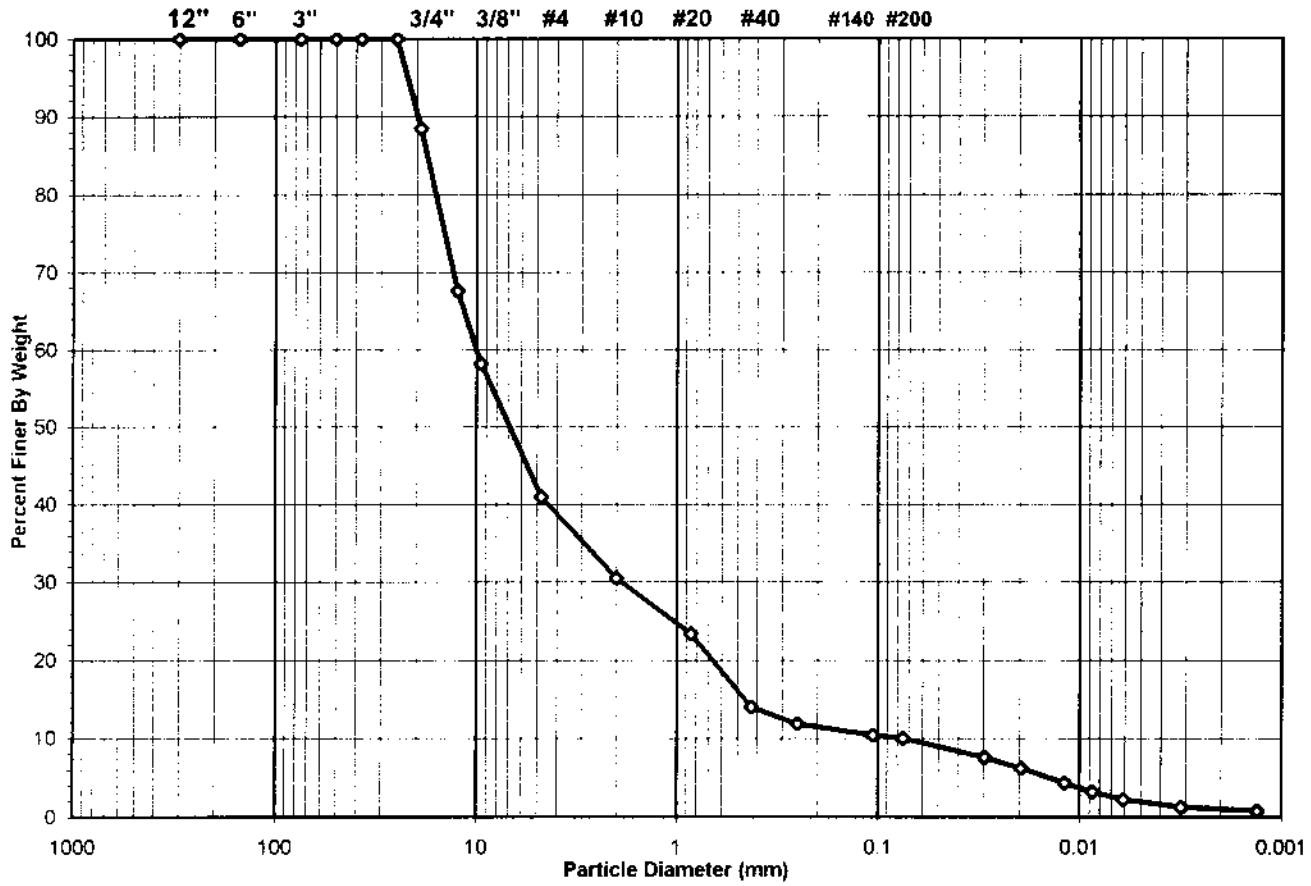
SIEVE AND HYDROMETER ANALYSIS
ASTM D 422-63/AASHTO T88-00 (SOP-S3)

Client	Environmental Strategies	Boring No.	NA
Client Reference	FORMER GIC 148992.03	Depth (ft)	NA
Project No.	2005-403-01	Sample No.	MW34105
Lab ID	2005-403-01-06	Soil Color	**BROWN**

	SIEVE ANALYSIS			HYDROMETER	
USCS	cobbles	gravel	sand	silt and clay fraction	
USDA	cobbles	gravel	sand	silt	clay



USCS Summary		
Sieve Sizes (mm)		**Percentage**
Greater Than **#4**	*Gravel*	58.97
#4 To #200	*Sand*	31.00
Finer Than **#200**	*Silt & Clay*	10.03

		D60 =	**10.039**		
USCS Symbol	***gp-gm, ASSUMED***				
		D30 =	**1.884**	**CC =**	**4.78**
USCS Classification	***POORLY GRADED GRAVEL WITH SILT AND SAND***				
		D10 =	**0.074**	**CU =**	**135.58**

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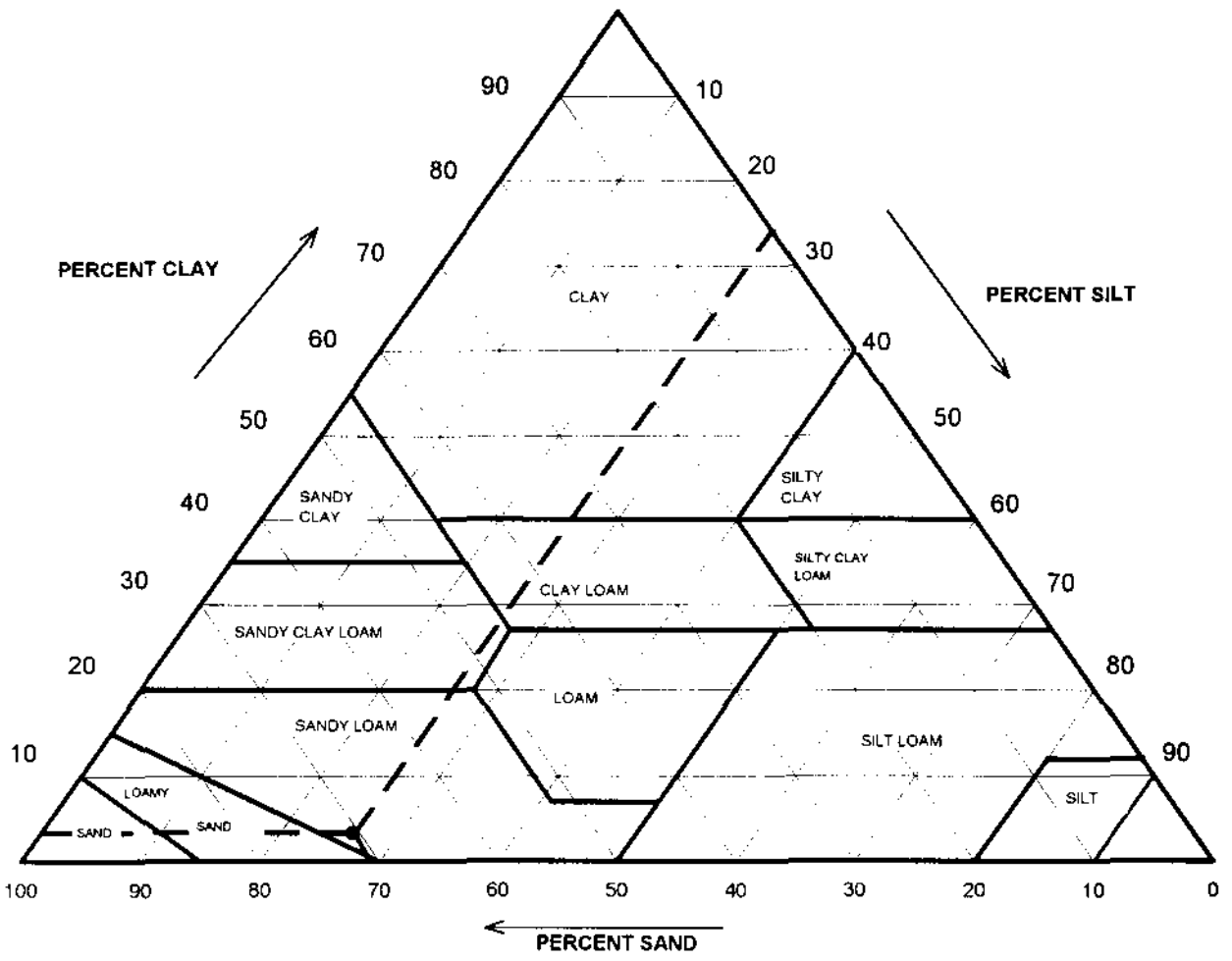
USDA CLASSIFICATION CHART

Client	Environmental Strategies	Boring No.	NA
Client Reference	FORMER GIC 148992.03	Depth (ft)	NA
Project No.	2005-403-01	Sample No.	MW34105
Lab ID	2005-403-01-06	Soil Color	BROWN



Particle Size (mm)	Percent Finer	USDA SUMMARY	Actual Percentage	Corrected % of Minus 2.0 mm material for USDA Classificat.
		Gravel	69.51	**0.00**
2	30.49	*Sand*	21.53	**70.61**
0.05	8.96	*Silt*	7.95	**26.07**
0.002	1.01	*Clay*	1.01	**3.33**

USDA Classification ***SANDY LOAM***

DCN: CT-53A DATE:1/30/04 REVISION: 6

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INTEGRITY IN TESTING

WASH SIEVE ANALYSIS

ASTM D 422-63/AASHTO T88-00 (SOP-S3)

Client	Environmental Strategies	Boring No.	NA
Client Reference	FORMER GIC 148992.03	Depth (ft)	NA
Project No.	2005-403-01	Sample No.	MW34105
Lab ID	2005-403-01-06	Soil Color	**BROWN**

Moisture Content of Passing 3/4" Material		Water Content of Retained 3/4" Material	
Tare No.	951	Tare No.	NA
Wgt.Tare + Wet Specimen (gm)	893.10	Wgt.Tare + Wet Specimen (gm)	NA
Wgt.Tare + Dry Specimen (gm)	827.70	Wgt.Tare + Dry Specimen (gm)	NA
Weight of Tare (gm)	102.95	Weight of Tare (gm)	NA
Weight of Water (gm)	65.40	Weight of Water (gm)	NA
Weight of Dry Soil (gm)	724.75	Weight of Dry Soil (gm)	NA
Moisture Content (%)	**9.0**	**Moisture Content (%)**	**NA**

Wet Weight -3/4" Sample (gm)	NA	Weight of the Dry Specimen (gm)	724.75
Dry Weight - 3/4" Sample (gm)	568.32	Weight of minus #200 material (gm)	72.72
Wet Weight +3/4" Sample (gm)	NA	Weight of plus #200 material (gm)	652.03
Dry Weight + 3/4" Sample (gm)	83.71		
Total Dry Weight Sample (gm)	NA		

Sieve Size	Sieve Opening (mm)	Wgt.of Soil Retained (gm)	Percent Retained (%)	Accumulated Percent Retained (%)	Percent Finer (%)	**Accumulated Percent Finer (%)**
12"	300	0.00	0.00	0.00	100.00	**100.00**
6"	150	0.00	0.00	0.00	100.00	**100.00**
3"	75	0.00	0.00	0.00	100.00	**100.00**
2"	50	0.00	0.00	0.00	100.00	**100.00**
1 1/2"	37.5	0.00	0.00	0.00	100.00	**100.00**
1"	25.0	0.00	0.00	0.00	100.00	**100.00**
3/4"	19.0	83.71	11.55	11.55	88.45	**88.45**
1/2"	12.5	151.16	20.86	32.41	67.59	**67.59**
3/8"	9.50	68.88	9.50	41.91	58.09	**58.09**
#4	4.75	123.63	17.06	58.97	41.03	**41.03**
#10	2.00	76.36	10.54	69.51	30.49	**30.49**
#20	0.85	51.38	7.09	76.59	23.41	**23.41**
#40	0.425	67.62	9.33	85.92	14.08	**14.08**
#60	0.250	15.77	2.18	88.10	11.90	**11.90**
#140	0.106	10.52	1.45	89.55	10.45	**10.45**
#200	0.075	3.00	0.41	89.97	10.03	**10.03**
Pan	-	72.72	10.03	100.00	-	-

Tested By MB Date 12/6/05 Checked By MB Date 12-12-05

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HYDROMETER ANALYSIS

ASTM D 422-63/AASHTO T88-00 (SOP-S3)

Client	Environmental Strategies	Boring No.	NA
Client Reference	FORMER GIC 148992.03	Depth (ft)	NA
Project No.	2005-403-01	Sample No.	MW34105
Lab ID	2005-403-01-06	Soil Color	**BROWN**

Elapsed Time (min)		R Measured	Temp. (° C)	Composite Correction	R Corrected	N (%)	K Factor	Diameter (mm)	N' (%)
0	NA	NA	NA	NA	NA	NA	NA	NA	NA
2	37.5	37.5	22.1	6.76	30.7	75.5	0.01311	0.0295	**7.6**
5		32.0	22.1	6.76	25.2	62.0	0.01311	0.0195	**6.2**
15		24.5	22.1	6.76	17.7	43.6	0.01311	0.0119	**4.4**
30		20.0	22.1	6.76	13.2	32.5	0.01311	0.0086	**3.3**
63		16.0	22.1	6.76	9.2	22.7	0.01311	0.0061	**2.3**
250		12.0	21.8	6.87	5.1	12.6	0.01316	0.0032	**1.3**
1440		10.0	22.0	6.80	3.2	7.9	0.01313	0.0013	**0.8**

Soil Specimen Data		**Other Corrections**	
Tare No.	523		
Tare + Dry Material (gm)	142.29	a - Factor	0.99
Weight of Tare (gm)	96.98		
Weight of Deflocculant (gm)	5.0	Percent Finer than # 200	10.03
Weight of Dry Material (gm)	40.31		
		Specific Gravity	2.7 Assumed

Note: *Hydrometer test is performed on - # 200 sieve material.*

Tested By TO Date 12/6/05 Checked By KMB Date 12-12-05

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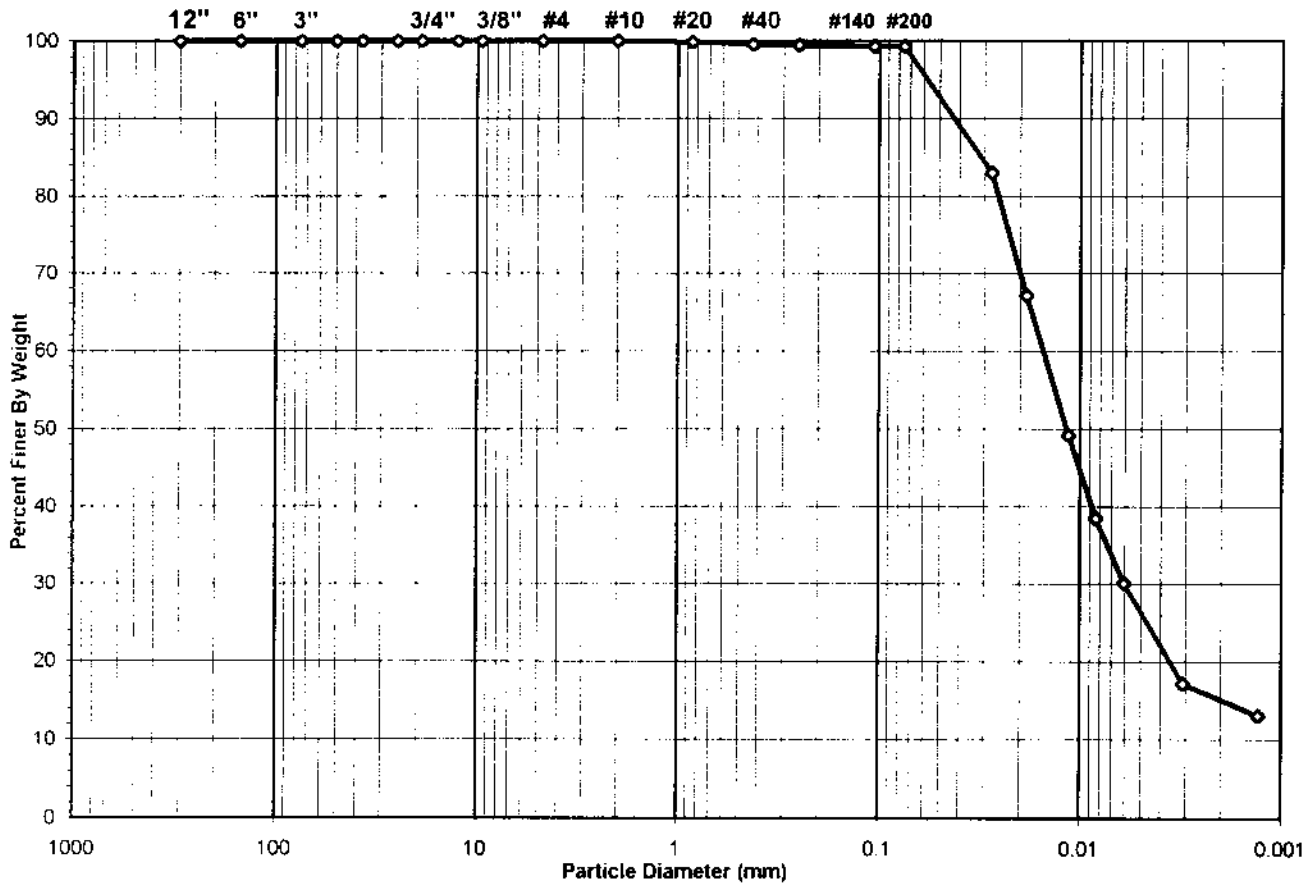
SIEVE AND HYDROMETER ANALYSIS
ASTM D 422-63/AASHTO T88-00 (SOP-S3)

Client	Environmental Strategies	Boring No.	NA
Client Reference	FORMER GIC 148992.03	Depth (ft)	NA
Project No.	2005-403-01	Sample No.	MW34150
Lab ID	2005-403-01-07	Soil Color	**GRAYISH BROWN**

	SIEVE ANALYSIS			HYDROMETER	
USCS	cobbles	gravel	sand	silt and clay fraction	
USDA	cobbles	gravel	sand	silt	clay



USCS Summary

Sieve Sizes (mm)		Percentage
Greater Than #4	*Gravel*	0.00
#4 To #200	*Sand*	0.72
Finer Than #200	*Silt & Clay*	99.28

USCS Symbol ***cl, ASSUMED***

USCS Classification ***LEAN CLAY***

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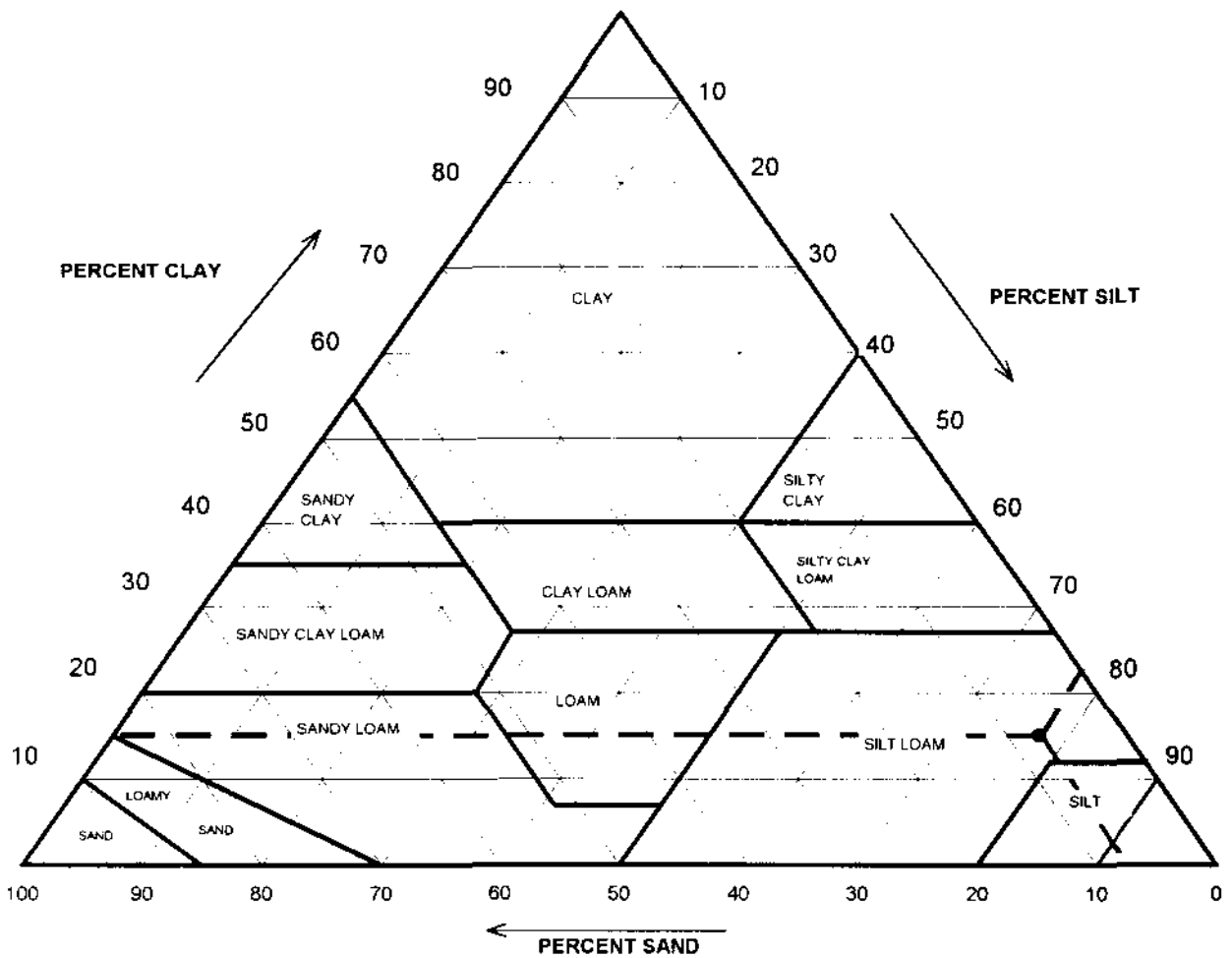
USDA CLASSIFICATION CHART

Client	Environmental Strategies	Boring No.	NA
Client Reference	FORMER GIC 148992.03	Depth (ft)	NA
Project No.	2005-403-01	Sample No.	MW34150
Lab ID	2005-403-01-07	Soil Color	GRAYISH BROWN



Particle Size (mm)	Percent Finer	USDA SUMMARY	Actual Percentage	Corrected % of Minus 2.0 mm material for USDA Classificat.
		Gravel	0.01	**0.00**
2	99.99	*Sand*	7.30	**7.30**
0.05	92.69	*Silt*	77.56	**77.57**
0.002	15.13	*Clay*	15.13	**15.13**

USDA Classification ***SILT LOAM***

DCN: CT-S3A DATE:1/30/04 REVISION: 6

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Geotechnics
INTEGRITY IN TESTING

WASH SIEVE ANALYSIS

ASTM D 422-63/AASHTO T88-00 (SOP-S3)

Client	Environmental Strategies	Boring No.	NA
Client Reference	FORMER GIC 148992.03	Depth (ft)	NA
Project No.	2005-403-01	Sample No.	MW34150
Lab ID	2005-403-01-07	Soil Color	**GRAYISH BROWN**

Moisture Content of Passing 3/4" Material		Water Content of Retained 3/4" Material	
Tare No.	703	Tare No.	NA
Wgt.Tare + Wet Specimen (gm)	660.70	Wgt.Tare + Wet Specimen (gm)	NA
Wgt.Tare + Dry Specimen (gm)	553.00	Wgt.Tare + Dry Specimen (gm)	NA
Weight of Tare (gm)	101.00	Weight of Tare (gm)	NA
Weight of Water (gm)	107.70	Weight of Water (gm)	NA
Weight of Dry Soil (gm)	452.00	Weight of Dry Soil (gm)	NA
Moisture Content (%)	**23.8**	**Moisture Content (%)**	**NA**

Wet Weight -3/4" Sample (gm)	NA	Weight of the Dry Specimen (gm)	452.00
Dry Weight - 3/4" Sample (gm)	3.27	Weight of minus #200 material (gm)	448.73
Wet Weight +3/4" Sample (gm)	NA	Weight of plus #200 material (gm)	3.27
Dry Weight + 3/4" Sample (gm)	0.00		
Total Dry Weight Sample (gm)	NA		

Sieve Size	Sieve Opening (mm)	Wgt.of Soil Retained (gm)	Percent Retained (%)	Accumulated Percent Retained (%)	Percent Finer (%)	**Accumulated Percent Finer (%)**
12"	300	0.00	0.00	0.00	100.00	**100.00**
6"	150	0.00	0.00	0.00	100.00	**100.00**
3"	75	0.00	0.00	0.00	100.00	**100.00**
2"	50	0.00	0.00	0.00	100.00	**100.00**
1 1/2"	37.5	0.00	0.00	0.00	100.00	**100.00**
1"	25.0	0.00	0.00	0.00	100.00	**100.00**
3/4"	19.0	0.00	0.00	0.00	100.00	**100.00**
1/2"	12.5	0.00	0.00	0.00	100.00	**100.00**
3/8"	9.50	0.00	0.00	0.00	100.00	**100.00**
#4	4.75	0.00	0.00	0.00	100.00	**100.00**
#10	2.00	0.05	0.01	0.01	99.99	**99.99**
#20	0.85	0.63	0.14	0.15	99.85	**99.85**
#40	0.425	1.41	0.31	0.46	99.54	**99.54**
#60	0.250	0.58	0.13	0.59	99.41	**99.41**
#140	0.106	0.47	0.10	0.69	99.31	**99.31**
#200	0.075	0.13	0.03	0.72	99.28	**99.28**
Pan	-	448.73	99.28	100.00	-	-

Tested By MB Date 12/6/05 Checked By MB Date 12-12-05

DCN: CT-S3A DATE:1/30/04 REVISION: 6

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HYDROMETER ANALYSIS

ASTM D 422-63/AASHTO T88-00 (SOP-S3)

Client	Environmental Strategies	Boring No.	NA
Client Reference	FORMER GIC 148992.03	Depth (ft)	NA
Project No.	2005-403-01	Sample No.	MW34150
Lab ID	2005-403-01-07	Soil Color	**GRAYISH BROWN**

Elapsed Time (min)		R Measured	Temp. (° C)	Composite Correction	R Corrected	N (%)	K Factor	Diameter (mm)	N' (%)
0	NA	NA	NA	NA	NA	NA	NA	NA	NA
2	45.0	46.0	22.1	6.76	39.2	83.5	0.01311	0.0274	**82.9**
5		38.5	22.1	6.76	31.7	67.6	0.01311	0.0185	**67.1**
15		30.0	22.1	6.76	23.2	49.5	0.01311	0.0114	**49.1**
30		25.0	22.1	6.76	18.2	38.8	0.01311	0.0084	**38.5**
60		21.0	22.1	6.76	14.2	30.3	0.01311	0.0061	**30.1**
250		15.0	21.8	6.87	8.1	17.3	0.01316	0.0031	**17.2**
1440		13.0	22.0	6.80	6.2	13.2	0.01313	0.0013	**13.1**

Soil Specimen Data		**Other Corrections**	
Tare No.	705		
Tare + Dry Material (gm)	154.12	a - Factor	0.99
Weight of Tare (gm)	102.62		
Weight of Deflocculant (gm)	5.0	Percent Finer than # 200	99.28
Weight of Dry Material (gm)	46.5		
		Specific Gravity	2.7 Assumed

Note: *Hydrometer test is performed on - # 200 sieve material.*

Tested By TO Date 12/6/05 Checked By KB Date 12-12-05

DCN: CT-S3A DATE:1/30/04 REVISION: 6

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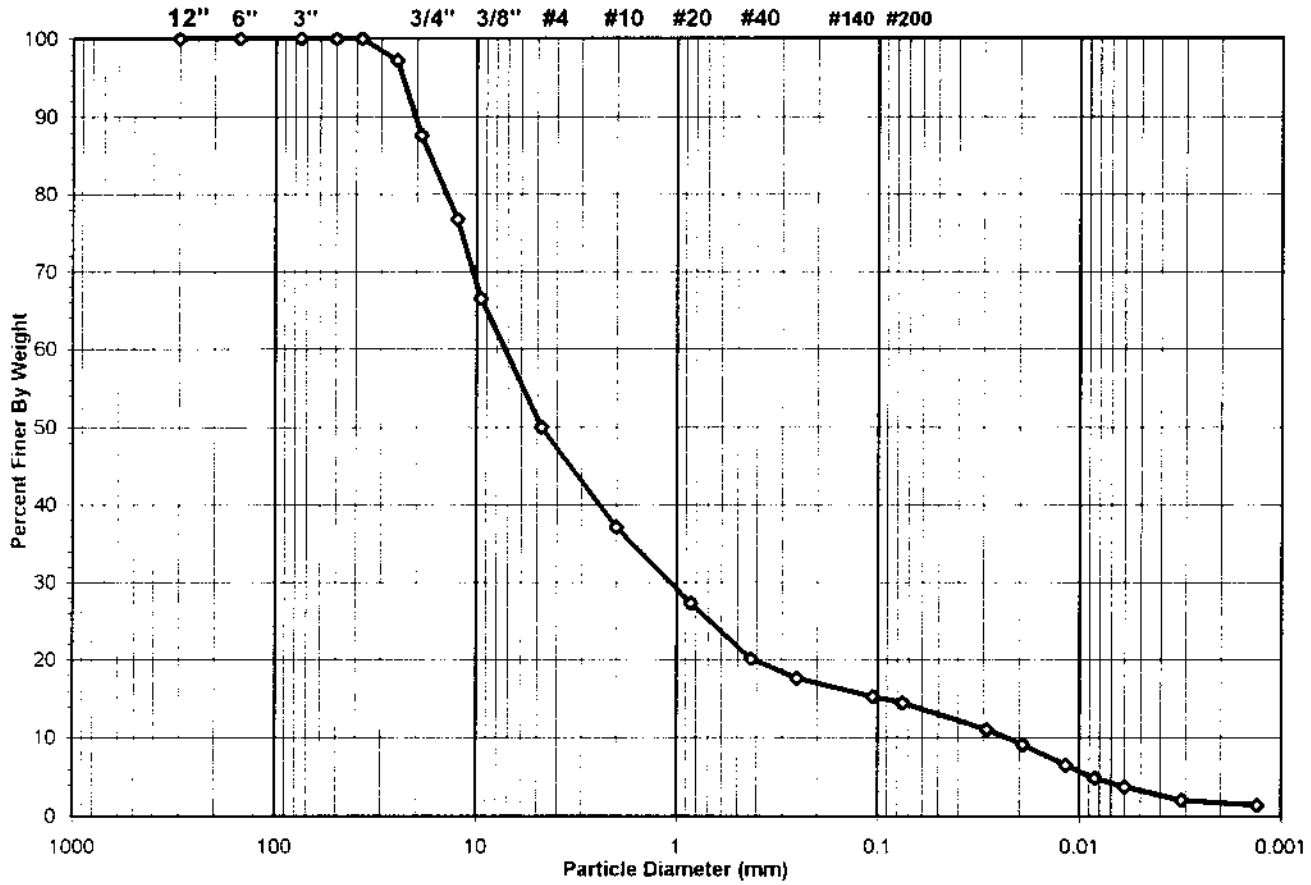
SIEVE AND HYDROMETER ANALYSIS
ASTM D 422-63/AASHTO T88-00 (SOP-S3)

Client	Environmental Strategies	Boring No.	NA
Client Reference	FORMER GIC 148992.03	Depth (ft)	NA
Project No.	2005-403-01	Sample No.	MW35090
Lab ID	2005-403-01-08	Soil Color	**BROWN**

	SIEVE ANALYSIS			HYDROMETER	
USCS	cobbles	gravel	sand	silt and clay fraction	
USDA	cobbles	gravel	sand	silt	clay



USCS Summary		
Sieve Sizes (mm)		**Percentage**
Greater Than #4	*Gravel*	50.08
#4 To #200	*Sand*	35.51
Finer Than #200	*Silt & Clay*	14.41

USCS Symbol ***gm, ASSUMED***

USCS Classification ***SILTY GRAVEL WITH SAND***

DCN: CT-S3A DATE:1/30/04 REVISION: 6

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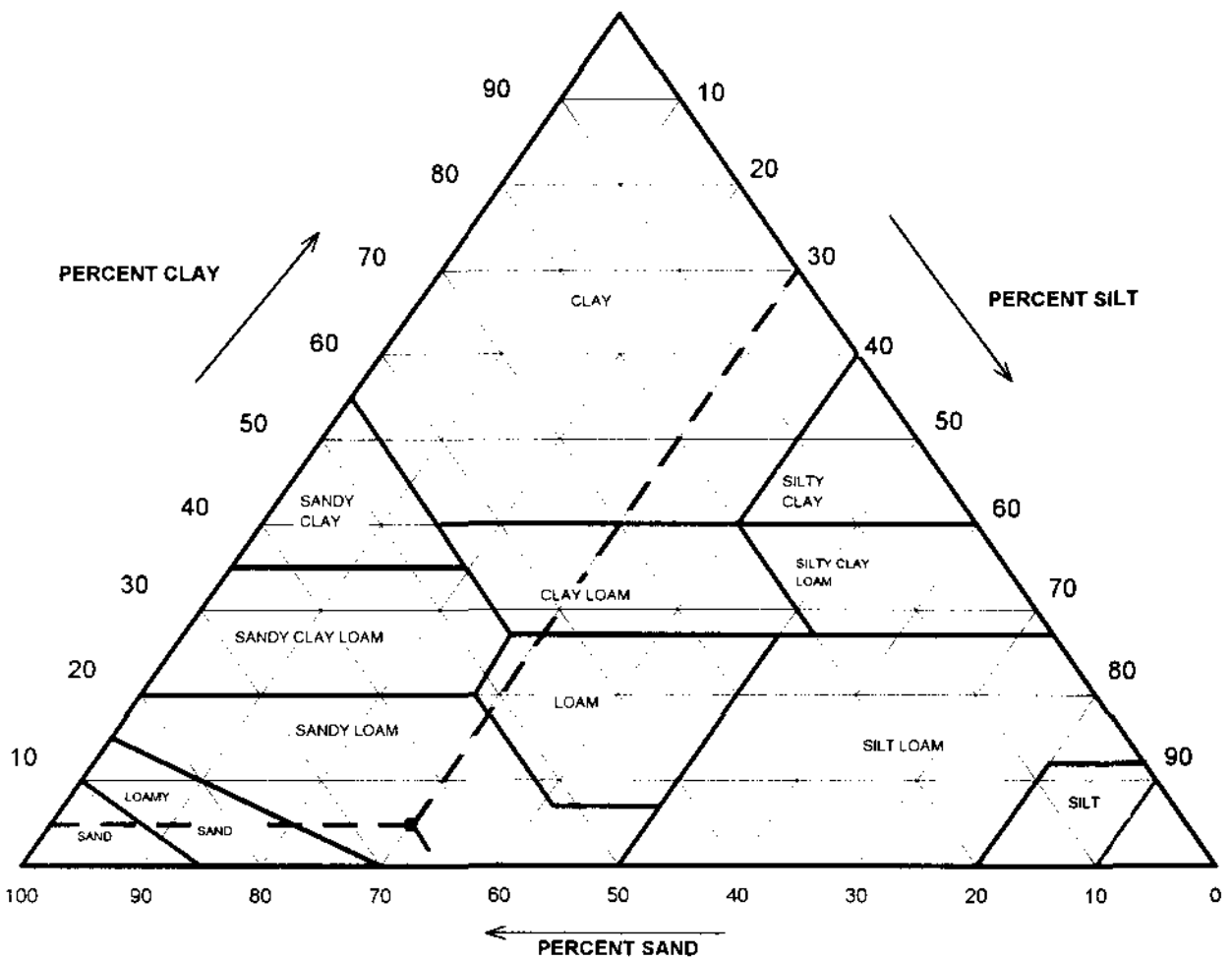
USDA CLASSIFICATION CHART

Client	Environmental Strategies	Boring No.	NA
Client Reference	FORMER GIC 148992.03	Depth (ft)	NA
Project No.	2005-403-01	Sample No.	MW35090
Lab ID	2005-403-01-08	Soil Color	BROWN



Particle Size (mm)	Percent Finer	USDA SUMMARY	Actual Percentage	Corrected % of Minus 2.0 mm material for USDA Classificat.
		Gravel	62.85	**0.00**
2	37.15	*Sand*	24.17	**65.05**
0.05	12.98	*Silt*	11.18	**30.11**
0.002	1.80	*Clay*	1.80	**4.84**

USDA Classification ***SANDY LOAM***

DCN: CT-S3A DATE:1/30/04 REVISION: 6

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INTEGRITY IN TESTING

WASH SIEVE ANALYSIS

ASTM D 422-63/AASHTO T88-00 (SOP-S3)

Client	Environmental Strategies	Boring No.	NA
Client Reference	FORMER GIC 148992.03	Depth (ft)	NA
Project No.	2005-403-01	Sample No.	MW35090
Lab ID	2005-403-01-08	Soil Color	**BROWN**

Moisture Content of Passing 3/4" Material		Water Content of Retained 3/4" Material	
Tare No.	2330	Tare No.	NA
Wgt.Tare + Wet Specimen (gm)	1156.00	Wgt.Tare + Wet Specimen (gm)	NA
Wgt.Tare + Dry Specimen (gm)	1059.10	Wgt.Tare + Dry Specimen (gm)	NA
Weight of Tare (gm)	101.15	Weight of Tare (gm)	NA
Weight of Water (gm)	96.90	Weight of Water (gm)	NA
Weight of Dry Soil (gm)	957.95	Weight of Dry Soil (gm)	NA
Moisture Content (%)	**10.1**	**Moisture Content (%)**	**NA**

Wet Weight -3/4" Sample (gm)	NA	Weight of the Dry Specimen (gm)	957.95
Dry Weight - 3/4" Sample (gm)	701.61	Weight of minus #200 material (gm)	138.04
Wet Weight +3/4" Sample (gm)	NA	Weight of plus #200 material (gm)	819.91
Dry Weight + 3/4" Sample (gm)	118.30		
Total Dry Weight Sample (gm)	NA		

Sieve Size	Sieve Opening (mm)	Wgt.of Soil Retained (gm)	Percent Retained (%)	Accumulated Percent Retained (%)	Percent Finer (%)	**Accumulated Percent Finer (%)**
12"	300	0.00	0.00	0.00	100.00	**100.00**
6"	150	0.00	0.00	0.00	100.00	**100.00**
3"	75	0.00	0.00	0.00	100.00	**100.00**
2"	50	0.00	0.00	0.00	100.00	**100.00**
1 1/2"	37.5	0.00	0.00	0.00	100.00	**100.00**
1"	25.0	26.93	2.81	2.81	97.19	**97.19**
3/4"	19.0	91.37	9.54	12.35	87.65	**87.65**
1/2"	12.5	104.35	10.89	23.24	76.76	**76.76**
3/8"	9.50	98.47	10.28	33.52	66.48	**66.48**
#4	4.75	158.61	16.56	50.08	49.92	**49.92**
#10	2.00	122.36	12.77	62.85	37.15	**37.15**
#20	0.85	93.50	9.76	72.61	27.39	**27.39**
#40	0.425	69.85	7.29	79.90	20.10	**20.10**
#60	0.250	23.69	2.47	82.38	17.62	**17.62**
#140	0.106	22.78	2.38	84.75	15.25	**15.25**
#200	0.075	8.00	0.84	85.59	14.41	**14.41**
Pan	-	138.04	14.41	100.00	-	-

Tested By MB Date 12/9/05 Checked By Jm Date 12.12.05

DCN: CT-S3A DATE:1/30/04 REVISION: 6

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HYDROMETER ANALYSIS

ASTM D 422-63/AASHTO T88-00 (SOP-S3)

Client	Environmental Strategies	Boring No.	NA
Client Reference	FORMER GIC 148992.03	Depth (ft)	NA
Project No.	2005-403-01	Sample No.	MW35090
Lab ID	2005-403-01-08	Soil Color	**BROWN**

Elapsed Time (min)		R Measured	Temp. (° C)	Composite Correction	R Corrected	N (%)	K Factor	Diameter (mm)	N' (%)
0	NA	NA	NA	NA	NA	NA	NA	NA	NA
2	40.0	41.0	22.0	6.80	34.2	76.6	0.01313	0.0287	**11.0**
5		35.0	22.0	6.80	28.2	63.1	0.01313	0.0191	**9.1**
15		27.0	22.0	6.80	20.2	45.2	0.01313	0.0117	**6.5**
31		22.0	22.0	6.80	15.2	34.0	0.01313	0.0084	**4.9**
64		18.5	22.0	6.80	11.7	26.2	0.01313	0.0060	**3.8**
250		13.5	21.7	6.91	6.6	14.8	0.01317	0.0031	**2.1**
1440		11.5	21.8	6.87	4.6	10.4	0.01316	0.0013	**1.5**

Soil Specimen Data		**Other Corrections**	
Tare No.	2342		
Tare + Dry Material (gm)	145.79	a - Factor	0.99
Weight of Tare (gm)	96.56		
Weight of Deflocculant (gm)	5.0	Percent Finer than # 200	14.41
Weight of Dry Material (gm)	44.23		
		Specific Gravity	2.7 Assumed

Note: *Hydrometer test is performed on - # 200 sieve material.*

Tested By TO Date 12/6/05 Checked By Jm Date 12-12-05

DCN: CT-S3A DATE:1/30/04 REVISION: 6

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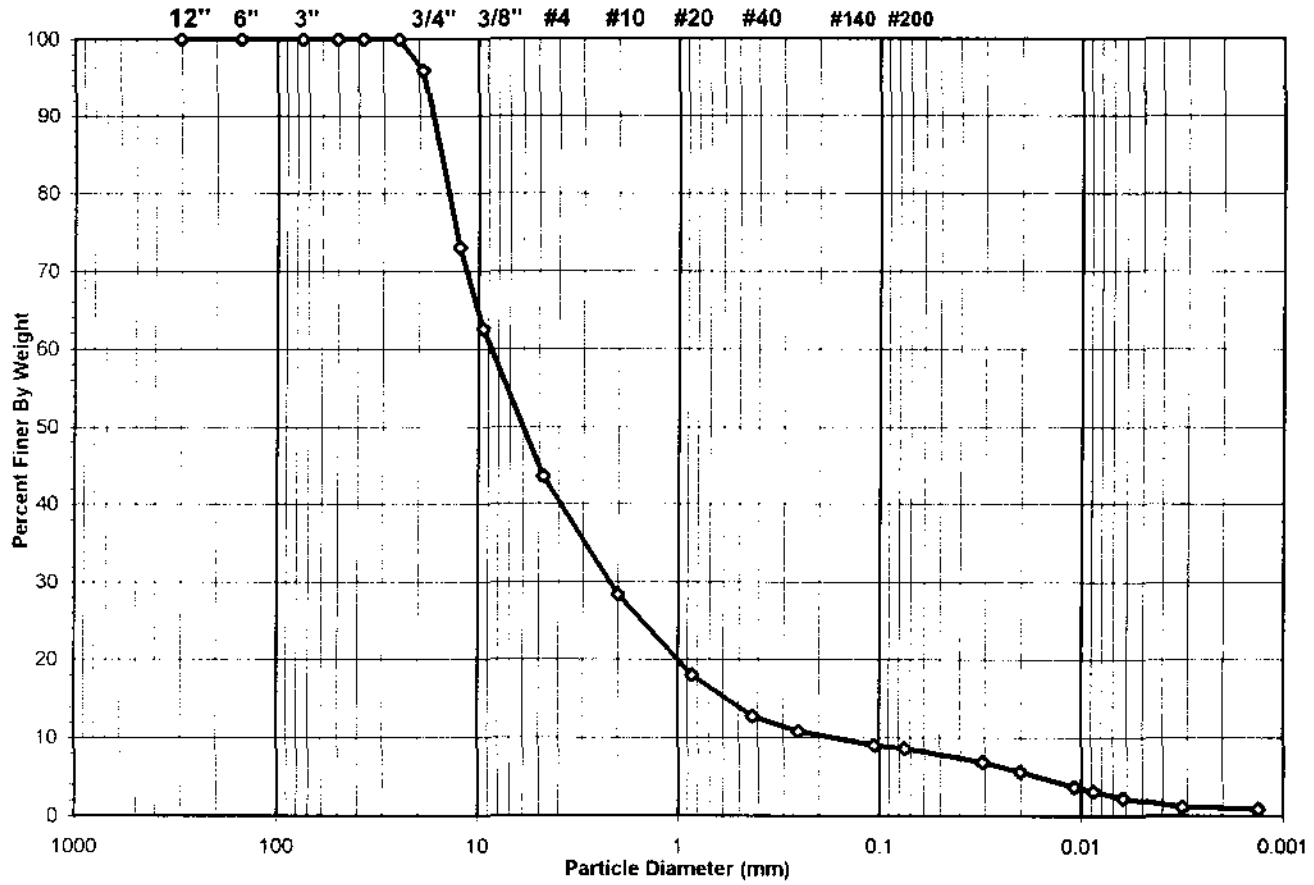
SIEVE AND HYDROMETER ANALYSIS
ASTM D 422-63/AASHTO T88-00 (SOP-S3)

Client	Environmental Strategies	Boring No.	NA
Client Reference	FORMER GIC 148992.03	Depth (ft)	NA
Project No.	2005-403-01	Sample No.	MW36088
Lab ID	2005-403-01-09	Soil Color	**BROWN**

	SIEVE ANALYSIS			HYDROMETER	
USCS	cobbles	gravel	sand	silt and clay fraction	
USDA	cobbles	gravel	sand	silt	clay



USCS Summary

Sieve Sizes (mm)		Percentage
Greater Than #4	*Gravel*	56.43
#4 To #200	*Sand*	34.91
Finer Than #200	*Silt & Clay*	8.66

		D60 =	8.654		
USCS Symbol	***gp-gm, ASSUMED***				
		D30 =	2.194	CC =	3.32
USCS Classification	***POORLY GRADED GRAVEL WITH SILT AND SAND***				
		D10 =	0.167	CU =	51.67

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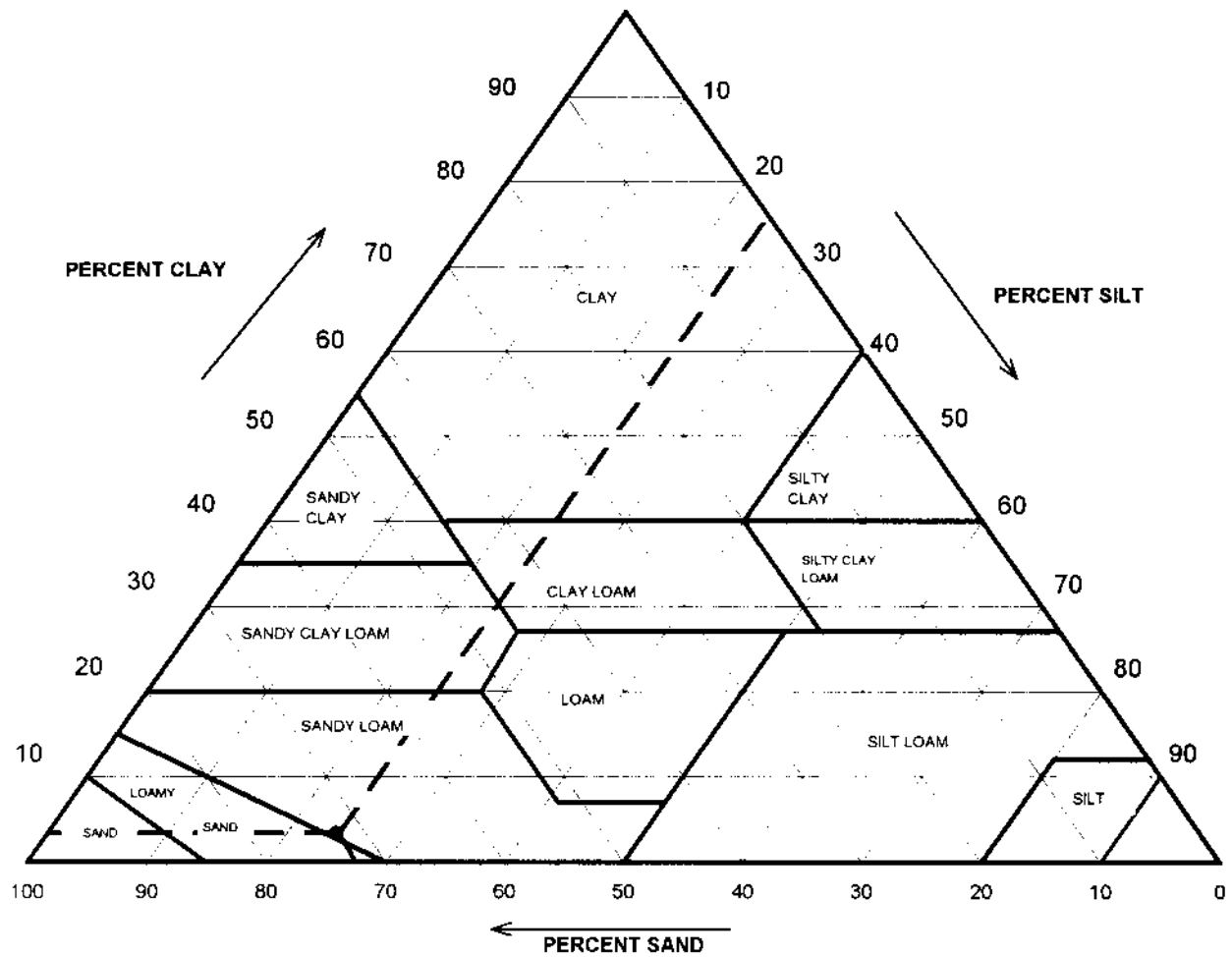
USDA CLASSIFICATION CHART

Client	Environmental Strategies	Boring No.	NA
Client Reference	FORMER GIC 148992.03	Depth (ft)	NA
Project No.	2005-403-01	Sample No.	MW36088
Lab ID	2005-403-01-09	Soil Color	BROWN



Particle Size (mm)	Percent Finer	USDA SUMMARY	Actual Percentage	Corrected % of Minus 2.0 mm material for USDA Classificat.
		Gravel	71.63	**0.00**
2	28.37	*Sand*	20.54	**72.39**
0.05	7.83	*Silt*	6.86	**24.18**
0.002	0.97	*Clay*	0.97	**3.43**

USDA Classification ***SANDY LOAM***

DCN: CT-83A DATE:1/30/04 REVISION: 6

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Geotechnics
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WASH SIEVE ANALYSIS

ASTM D 422-63/AASHTO T88-00 (SOP-S3)

Client	Environmental Strategies	Boring No.	NA
Client Reference	FORMER GIC 148992.03	Depth (ft)	NA
Project No.	2005-403-01	Sample No.	MW36088
Lab ID	2005-403-01-09	Soil Color	**BROWN**

Moisture Content of Passing 3/4" Material		Water Content of Retained 3/4" Material	
Tare No.	965	Tare No.	NA
Wgt.Tare + Wet Specimen (gm)	817.80	Wgt.Tare + Wet Specimen (gm)	NA
Wgt.Tare + Dry Specimen (gm)	740.30	Wgt.Tare + Dry Specimen (gm)	NA
Weight of Tare (gm)	102.75	Weight of Tare (gm)	NA
Weight of Water (gm)	77.50	Weight of Water (gm)	NA
Weight of Dry Soil (gm)	637.55	Weight of Dry Soil (gm)	NA
Moisture Content (%)	**12.2**	**Moisture Content (%)**	**NA**

Wet Weight -3/4" Sample (gm)	NA	Weight of the Dry Specimen (gm)	637.55
Dry Weight - 3/4" Sample (gm)	556.58	Weight of minus #200 material (gm)	55.19
Wet Weight +3/4" Sample (gm)	NA	Weight of plus #200 material (gm)	582.36
Dry Weight + 3/4" Sample (gm)	25.78		
Total Dry Weight Sample (gm)	NA		

Sieve Size	Sieve Opening (mm)	Wgt.of Soil Retained (gm)	Percent Retained (%)	Accumulated Percent Retained (%)	Percent Finer (%)	**Accumulated Percent Finer (%)**
12"	300	0.00	0.00	0.00	100.00	**100.00**
6"	150	0.00	0.00	0.00	100.00	**100.00**
3"	75	0.00	0.00	0.00	100.00	**100.00**
2"	50	0.00	0.00	0.00	100.00	**100.00**
1 1/2"	37.5	0.00	0.00	0.00	100.00	**100.00**
1"	25.0	0.00	0.00	0.00	100.00	**100.00**
3/4"	19.0	25.78	4.04	4.04	95.96	**95.96**
1/2"	12.5	146.23	22.94	26.98	73.02	**73.02**
3/8"	9.50	66.73	10.47	37.45	62.55	**62.55**
#4	4.75	121.04	18.99	56.43	43.57	**43.57**
#10	2.00	96.88	15.20	71.63	28.37	**28.37**
#20	0.85	66.00	10.35	81.98	18.02	**18.02**
#40	0.425	33.40	5.24	87.22	12.78	**12.78**
#60	0.250	12.47	1.96	89.17	10.83	**10.83**
#140	0.106	11.28	1.77	90.94	9.06	**9.06**
#200	0.075	2.55	0.40	91.34	8.66	**8.66**
Pan	-	55.19	8.66	100.00	-	-

Tested By MB Date 12/9/05 Checked By Date 12-12-05

DCN: CT-S3A DATE:1/30/04 REVISION: 6

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HYDROMETER ANALYSIS

ASTM D 422-63/AASHTO T88-00 (SOP-S3)

Client	Environmental Strategies	Boring No.	NA
Client Reference	FORMER GIC 148992.03	Depth (ft)	NA
Project No.	2005-403-01	Sample No.	MW36088
Lab ID	2005-403-01-09	Soil Color	**BROWN**

Elapsed Time (min)		R Measured	Temp. (° C)	Composite Correction	R Corrected	N (%)	K Factor	Diameter (mm)	N' (%)
0	NA	NA	NA	NA	NA	NA	NA	NA	NA
2	32.0	32.0	22.0	6.80	25.2	79.2	0.01313	0.0309	**6.9**
5		27.5	22.0	6.80	20.7	65.1	0.01313	0.0202	**5.6**
19		20.5	22.0	6.80	13.7	43.1	0.01313	0.0108	**3.7**
30		18.5	22.0	6.80	11.7	36.8	0.01313	0.0087	**3.2**
61		15.0	22.0	6.80	8.2	25.8	0.01313	0.0063	**2.2**
250		11.0	21.7	6.91	4.1	12.9	0.01317	0.0032	**1.1**
1440		10.0	21.8	6.87	3.1	9.8	0.01316	0.0013	**0.9**

Soil Specimen Data		**Other Corrections**	
Tare No.	2331		
Tare + Dry Material (gm)	135.68	a - Factor	0.99
Weight of Tare (gm)	99.18		
Weight of Deflocculant (gm)	5.0	Percent Finer than # 200	8.66
Weight of Dry Material (gm)	31.5		
		Specific Gravity	2.7 Assumed

Note: *Hydrometer test is performed on - # 200 sieve material.*

Tested By TO Date 12/6/05 Checked By Date 12-12-05

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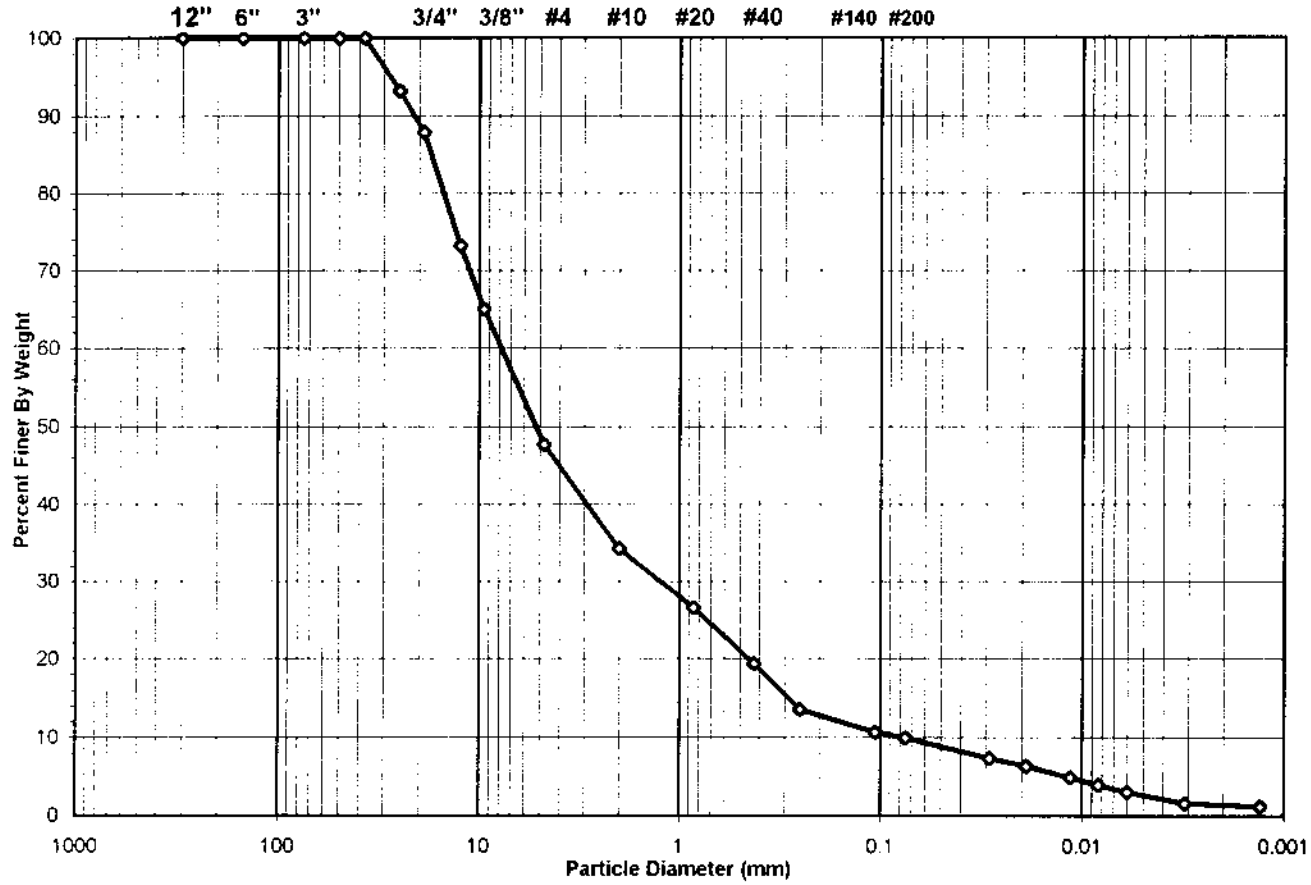
SIEVE AND HYDROMETER ANALYSIS
ASTM D 422-63/AASHTO T88-00 (SOP-S3)

Client	Environmental Strategies	Boring No.	NA
Client Reference	FORMER GIC 148992.03	Depth (ft)	NA
Project No.	2005-403-01	Sample No.	MW36125
Lab ID	2005-403-01-10	Soil Color	**BROWN**

	SIEVE ANALYSIS			HYDROMETER	
USCS	cobbles	gravel	sand	silt and clay fraction	
USDA	cobbles	gravel	sand	silt	clay



USCS Summary

Sieve Sizes (mm)		Percentage
Greater Than #4	*Gravel*	52.39
#4 To #200	*Sand*	37.67
Finer Than #200	*Silt & Clay*	9.94

		D60 =	7.790		
USCS Symbol	***gp-gm, ASSUMED***				
		D30 =	1.235	CC =	**2.54**
USCS Classification	***WELL-GRADED GRAVEL WITH SILT AND SAND***				
		D10 =	0.077	CU =	**100.89**

DCN: CT-S3A DATE:1/30/04 REVISION: 6

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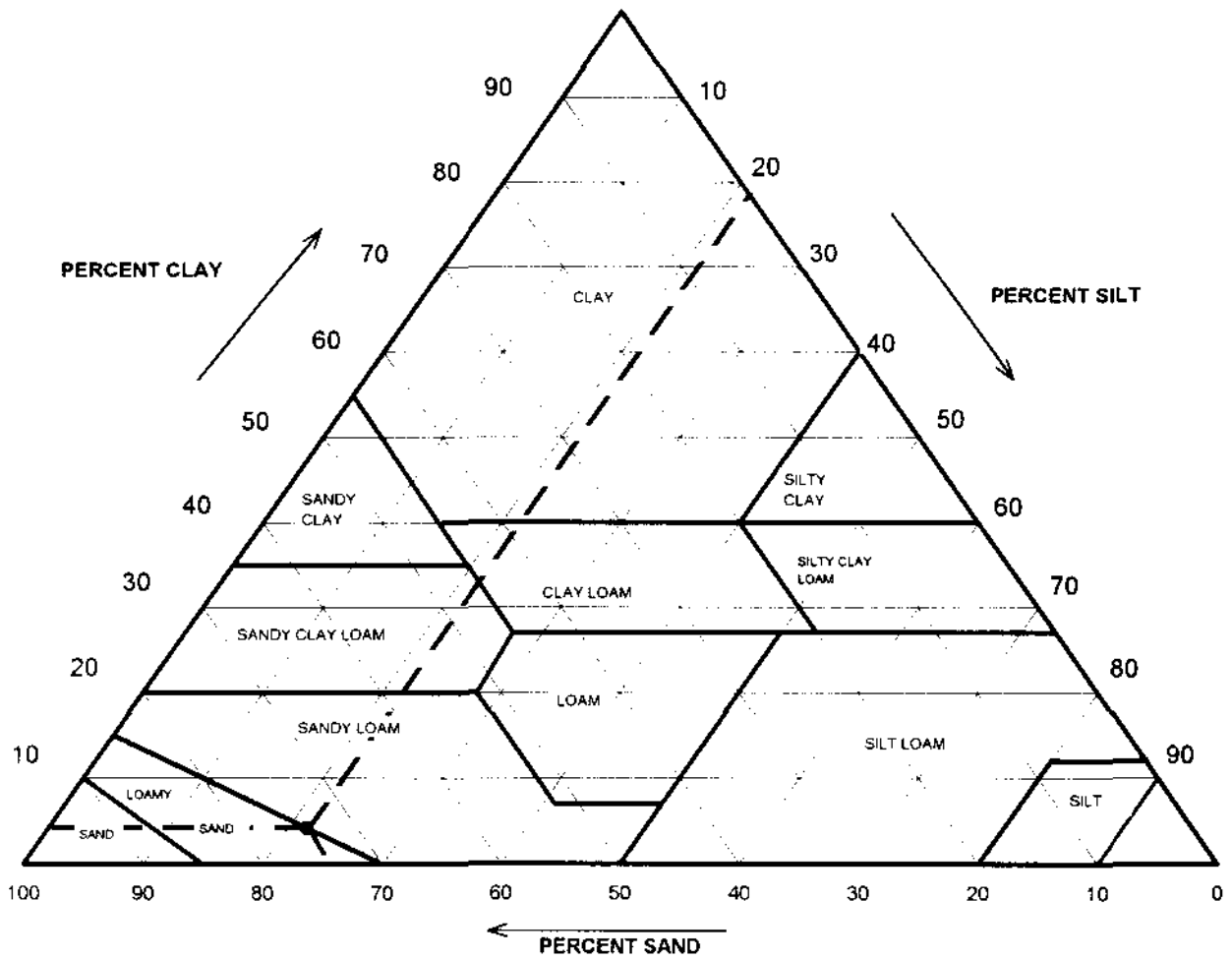
USDA CLASSIFICATION CHART

Client	Environmental Strategies	Boring No.	NA
Client Reference	FORMER GIC 148992.03	Depth (ft)	NA
Project No.	2005-403-01	Sample No.	MW36125
Lab ID	2005-403-01-10	Soil Color	BROWN



Particle Size (mm)	Percent Finer	USDA SUMMARY	Actual Percentage	Corrected % of Minus 2.0 mm material for USDA Classificat.
		Gravel	65.69	**0.00**
2	34.31	*Sand*	25.47	**74.24**
0.05	8.84	*Silt*	7.40	**21.57**
0.002	1.43	*Clay*	1.43	**4.18**

USDA Classification ***LOAMY SAND***

DCN: CT-53A DATE:1/30/04 REVISION: 6

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WASH SIEVE ANALYSIS

ASTM D 422-63/AASHTO T88-00 (SOP-S3)

Client	Environmental Strategies	Boring No.	NA
Client Reference	FORMER GIC 148992.03	Depth (ft)	NA
Project No.	2005-403-01	Sample No.	MW36125
Lab ID	2005-403-01-10	Soil Color	**BROWN**

Moisture Content of Passing 3/4" Material		Water Content of Retained 3/4" Material	
Tare No.	2445	Tare No.	NA
Wgt.Tare + Wet Specimen (gm)	1873.40	Wgt.Tare + Wet Specimen (gm)	NA
Wgt.Tare + Dry Specimen (gm)	1759.70	Wgt.Tare + Dry Specimen (gm)	NA
Weight of Tare (gm)	93.73	Weight of Tare (gm)	NA
Weight of Water (gm)	113.70	Weight of Water (gm)	NA
Weight of Dry Soil (gm)	1665.97	Weight of Dry Soil (gm)	NA
Moisture Content (%)	**6.8**	**Moisture Content (%)**	**NA**

Wet Weight -3/4" Sample (gm)	NA	Weight of the Dry Specimen (gm)	1665.97
Dry Weight - 3/4" Sample (gm)	1299.24	Weight of minus #200 material (gm)	165.64
Wet Weight +3/4" Sample (gm)	NA	Weight of plus #200 material (gm)	1500.33
Dry Weight + 3/4" Sample (gm)	201.09		
Total Dry Weight Sample (gm)	NA		

Sieve Size	Sieve Opening (mm)	Wgt.of Soil Retained (gm)	Percent Retained (%)	Accumulated Percent Retained (%)	Percent Finer (%)	**Accumulated Percent Finer (%)**
12"	300	0.00	0.00	0.00	100.00	**100.00**
6"	150	0.00	0.00	0.00	100.00	**100.00**
3"	75	0.00	0.00	0.00	100.00	**100.00**
2"	50	0.00	0.00	0.00	100.00	**100.00**
1 1/2"	37.5	0.00	0.00	0.00	100.00	**100.00**
1"	25.0	113.43	6.81	6.81	93.19	**93.19**
3/4"	19.0	87.66	5.26	12.07	87.93	**87.93**
1/2"	12.5	245.48	14.73	26.81	73.19	**73.19**
3/8"	9.50	136.97	8.22	35.03	64.97	**64.97**
#4	4.75	289.30	17.37	52.39	47.61	**47.61**
#10	2.00	221.57	13.30	65.69	34.31	**34.31**
#20	0.85	127.37	7.65	73.34	26.66	**26.66**
#40	0.425	121.41	7.29	80.63	19.37	**19.37**
#60	0.250	96.28	5.78	86.40	13.60	**13.60**
#140	0.106	49.44	2.97	89.37	10.63	**10.63**
#200	0.075	11.42	0.69	90.06	9.94	**9.94**
Pan	-	165.64	9.94	100.00	-	-

Tested By MB Date 12/9/05 Checked By Jm Date 12-12-05

DCN: CT-S3A DATE:1/30/04 REVISION: 6

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HYDROMETER ANALYSIS

ASTM D 422-63/AASHTO T88-00 (SOP-S3)

Client	Environmental Strategies	Boring No.	NA
Client Reference	FORMER GIC 148992.03	Depth (ft)	NA
Project No.	2005-403-01	Sample No.	MW36125
Lab ID	2005-403-01-10	Soil Color	**BROWN**

Elapsed Time (min)		R Measured	Temp. (° C)	Composite Correction	R Corrected	N (%)	K Factor	Diameter (mm)	N' (%)
0	NA	NA	NA	NA	NA	NA	NA	NA	NA
2	40.5	40.5	22.0	6.80	33.7	73.8	0.01313	0.0288	**7.3**
5		36.0	22.0	6.80	29.2	63.9	0.01313	0.0189	**6.4**
15		29.5	22.0	6.80	22.7	49.7	0.01313	0.0115	**4.9**
30		25.0	22.0	6.80	18.2	39.8	0.01313	0.0084	**4.0**
61		21.0	22.0	6.80	14.2	31.1	0.01313	0.0060	**3.1**
250		14.5	21.7	6.91	7.6	16.6	0.01317	0.0031	**1.7**
1440		12.5	21.8	6.87	5.6	12.3	0.01316	0.0013	**1.2**

Soil Specimen Data		**Other Corrections**	
Tare No.	633		
Tare + Dry Material (gm)	150.95	a - Factor	0.99
Weight of Tare (gm)	100.73		
Weight of Deflocculant (gm)	5.0	Percent Finer than # 200	9.94
Weight of Dry Material (gm)	45.22		
		Specific Gravity	2.7 Assumed

Note: *Hydrometer test is performed on - # 200 sieve material.*

Tested By TO Date 12/6/05 Checked By Jon Date 12-12-05

DCN: CT-S3A DATE:1/30/04 REVISION: 6

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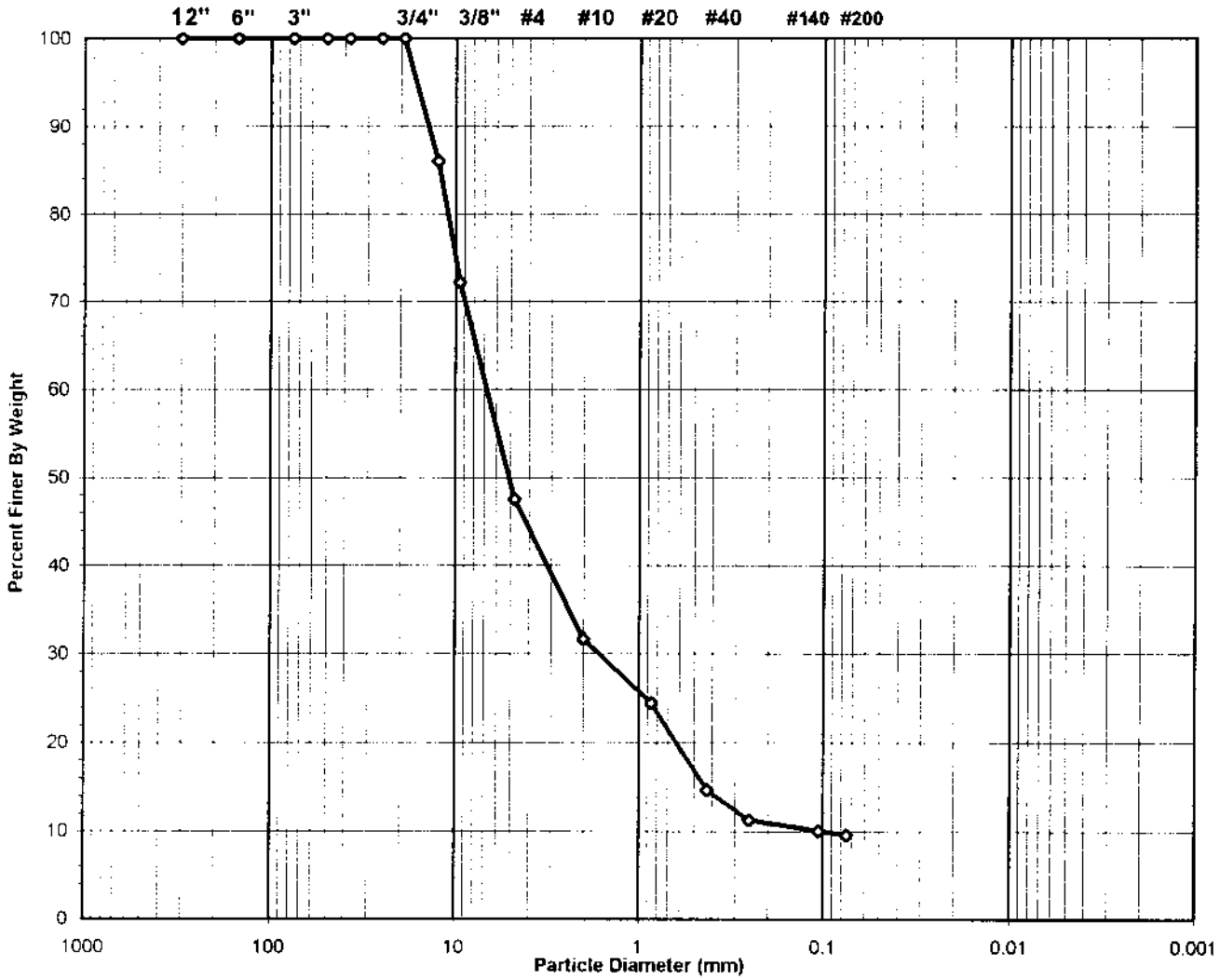
SIEVE ANALYSIS
ASTM D 422-63/AASHTO T88-00 (SOP-S3)

Client	Environmental Strategies	Boring No.	NA
Client Reference	FORMER GIC 148992.03	Depth (ft)	NA
Project No.	2005-403-01	Sample No.	MW39105
Lab ID	2005-403-01-11	Soil Color	**BROWN**

	SIEVE ANALYSIS		*HYDROMETER*
USCS	**gravel**	**sand**	**silt and clay**



D60 = 6.7 **CC = 3.8**

USCS Symbol ***gp-gm, ASSUMED***

D30 = 1.6 **CU = 64.8**

USCS Classification ***POORLY GRADED GRAVEL WITH SILT AND SAND***
UNABLE TO RUN HYDROMETER **D10 = 0.1**

Tested By PC Date 12/6/05 Checked By [signature] Date 12-12-05

DCN: CT-S3C DATE 8-25-98 REVISION: 2

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WASH SIEVE ANALYSIS

ASTM D 422-63/AASHTO T88-00 (SOP-S3)

Client	Environmental Strategies	Boring No.	NA
Client Reference	FORMER GIC 148992.03	Depth (ft)	NA
Project No.	2005-403-01	Sample No.	MW39105
Lab ID	2005-403-01-11	Soil Color	**BROWN**

Moisture Content of Passing 3/4" Material		Water Content of Retained 3/4" Material	
Tare No.	1614	Tare No.	NA
Wgt.Tare + Wet Specimen (gm)	217.53	Wgt.Tare + Wet Specimen (gm)	NA
Wgt.Tare + Dry Specimen (gm)	205.72	Wgt.Tare + Dry Specimen (gm)	NA
Weight of Tare (gm)	95.55	Weight of Tare (gm)	NA
Weight of Water (gm)	11.81	Weight of Water (gm)	NA
Weight of Dry Soil (gm)	110.17	Weight of Dry Soil (gm)	NA
Moisture Content (%)	**10.7**	**Moisture Content (%)**	**NA**

Wet Weight -3/4" Sample (gm)	NA	Weight of the Dry Specimen (gm)	110.17
Dry Weight - 3/4" Sample (gm)	99.6	Weight of minus #200 material (gm)	10.59
Wet Weight +3/4" Sample (gm)	NA	Weight of plus #200 material (gm)	99.58
Dry Weight + 3/4" Sample (gm)	0.00		
Total Dry Weight Sample (gm)	NA		

Sieve Size	Sieve Opening (mm)	Wgt.of Soil Retained (gm)	Percent Retained (%)	Accumulated Percent Retained (%)	Percent Finer (%)	**Accumulated Percent Finer (%)**
12"	300	0.00	0.00	0.00	100.00	**100.00**
6"	150	0.00	0.00	0.00	100.00	**100.00**
3"	75	0.00	0.00	0.00	100.00	**100.00**
2"	50	0.00	0.00	0.00	100.00	**100.00**
1 1/2"	37.5	0.00	0.00	0.00	100.00	**100.00**
1"	25.0	0.00	0.00	0.00	100.00	**100.00**
3/4"	19.0	0.00	0.00	0.00	100.00	**100.00**
1/2"	12.50	15.40	13.98	13.98	86.02	**86.02**
3/8"	9.50	15.21	13.81	27.78	72.22	**72.22**
#4	4.75	27.24	24.73	52.51	47.49	**47.49**
#10	2.00	17.44	15.83	68.34	31.66	**31.66**
#20	0.850	7.93	7.20	75.54	24.46	**24.46**
#40	0.425	10.84	9.84	85.38	14.62	**14.62**
#60	0.250	3.72	3.38	88.75	11.25	**11.25**
#140	0.106	1.35	1.23	89.98	10.02	**10.02**
#200	0.075	0.45	0.41	90.39	9.61	**9.61**
Pan	-	10.59	9.61	100.00	-	-

Tested By PC Date 12/6/05 Checked By YMB Date 12-12-05

DCN: CT-33C DATE 6-25-98 REVISION: 2

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